INFORMATION REDACTED PURSUANT TOTHE FREEDOM
OF INFORMATION ACT (FOIA), 5 U.S.C.552(B)(6)

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)



INDIANAPOLIS IN 460

04 APR 2016 PM 7 L

General Motors
PO Box 33170
Detroit, MI 48232-5170

RECEIVED APR 07 2016

48232517070

April 3, 2016

General Motors
PO Box 33170
Detroit, MI 48232

To Whom It May Concern:

I purchased a new 2013 Equinox, and I haven't had any problems until recently. On March 24, my husband and I were driving to an appointment in Kentucky in a blinding rainstorm. The wipers stopped. Fortunately, we were able to get off the busy state highway and stop next to a guardrail. We sat there until the rain let up a little. My husband backed the car up to an intersection. With some difficulty we were able to go back to Uebelhor's in Vincennes, IN.

Their mechanic determined that the windshield wiper motor had burned up. Interestingly enough, the service dept. was able to find one in the area, and we picked up our car the next day.

I don't care how many years I have had this vehicle, the windshield wiper motor should not have burned up. We could have been killed. I have since learned that another Equinox owner in Sullivan County, Indiana, had to replace the motor also. I wonder if you should have a safety recall. I could put an ad in an area newspaper.

I am not happy about paying $325.99 for a part that should have lasted for the life of the car. I am asking you to reimburse me for the replacement of this defective motor.

Sincerely yours,

[redacted]

MER #: [redacted]

[redacted]

INVOICE

PAGE 1

Uebelhor

P.O. BOX 1267 · 626 KIMMELL ROAD
VINCENNES, IN 47591
PHONE: (812) 882-5574 · TOLL FREE (800) 264-004
FAX: (812) 882-6583
ubelhorandsons.com

"Where Customers Send Their Friends Since 1929

SERVICE ADVISOR: 614 CODY BENEFIEL

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/OUT	TAG
RED	13	CHEVROLET EQUINOX	2GNALDEK0D1[redacted]		73835/73835	[redacted]

DEL DATE	PROD DATE	WARR. EXP.	PROMISED	PO NO	RATE	PAYMENT	INV. DATE
08JAN13 DD			WAIT 24MAR16		0.00	DISC	25MAR16

R.O. OPENED	READY	OPTIONS:
10:54 24MAR16	09:09 25MAR16	ENG:2.4_Liter_SIDI_DOHC

LINE	OPCODE	TECH	TYPE	HOURS		LIST	NET	TOTAL
A	***FREE BASIC VEHICLE MAINTENANCE INSPECTION***							
	M200	***FREE BASIC VEHICLE MAINTENANCE INSPECTION***						
			609	CC	0.00			
PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE A:							0.00	0.00
73835 REPLACED FRONT WIPER BLADES								
**********								
B	CUSTOMER STATES:FRONT WINDSHIELD WIPER BLADES NOT WORKING							
	SS	CUSTOMER STATES:						
			609	CC	1.10			
	1	22868414 (S)BLADE				94.05	94.05	94.05
	1	25948436 (S)TRANSMISSION				22.55	22.55	22.55
	1	22868413 (S)BLADE				137.59	137.59	137.59
	P112R	DIAG				22.55	22.55	22.55
			609	CC	1.00			
PARTS: 182.69 LABOR: 166.73 OTHER: 0.00 TOTAL LINE B:							72.68	72.68
73835 CHECKED FRONT WIPER OPERATION FOUND FRONT WIPER MODULE CAUSING PROBLEM.GOT CUSTOMER PRICES.REPLACED FRONT WIPER MODULE.								349.42
**********								

COPY

****

* [ ] CASH [ ] CHECK CK NO: [ ] *

* [ ] VISA [ ] MASTERCARD [ ] DISCOVER *

* [ ] AMER XPRESS [ ] OTHER [ ] CHARGE *

****

Thank you for this opportunity to serve you. It is our aim to perform all the repairs requested on this repair order to your complete satisfaction. If our service was satisfactory, please tell your friends. If not, please tell us immediately.

PONTIAC GMC

STATEMENT OF DISCLAIMER

The factory warranty constitutes all of the warranties with respect to the sale of this item/items. The Seller hereby expressly disclaims all warranties, either express or implied, including any implied warranty of merchantability or fitness for a particular purpose. Seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this item/items.

CUSTOMER SIGNATURE

DESCRIPTION	TOTALS
LABOR AMOUNT	166.73
PARTS AMOUNT	182.69
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	0.00
MISC. CHARGES	0.00
TOTAL CHARGES	349.42
LESS AMOUNT	36.22
SALES TAX	12.79
PLEASE PAY THIS AMOUNT	325.99

CUSTOMER COPY

Recommended Services

Our technicians recommend the following services be performed:

Original Customer Requests	Status	Cost	Deferred	Approved
A. ***FREE BASIC VEHICLE MAINTENANCE INSPECTION***		$0.00		X
B. CUSTOMER STATES:FRONT WINDSHIELD WIPER BLADES NOT WORKING		$72.68		X
REPLACE WIPER MODULE (#B FOUND WIPER MODULE CAUSING PROBLEM)	Fail	$231.64		X
Subtotal		$304.32		$304.32

Inspection Recommendations	Status	Cost	Deferred	Approved
Replace both windshield wiper blades (Found windshield wiper blade(s) excessively worn/torn)	Fail	$27.72		X
Subtotal		$27.72		$27.72

Totals, Taxes and Fees	Cost	Deferred	Approved
Estimate Subtotal	$332.04	$0.00	$332.04
Shop Supplies	$10.00		$10.00
Tax	$12.27		$12.27
Estimate Total	**$354.32**		**$354.32**

COPY

UEBELHOR AND SONS
GM VINCENNES
626 KIMMEL RD
VINCENNES, IN 47591
PHONE # (812) 882-5574

SALE

MID: [redacted]
TID: 001 REF#: [redacted]
Bank ID:
Batch #: [redacted]
03/25/16 09:38:37
Invoice #: [redacted]
APPR CODE: 03290A
VISA Swiped
**********2519 **/**

AMOUNT $325.99

APPROVED

THANK YOU
HAVE A NICE DAY

CUSTOMER COPY

CAC Business Case

MCE 2.2 (6/16/15)

Customer's name:	[redacted]			**Today's Date:**	4/19/16
Model Year & Model:	13 Equinox	**VIN:**	2GNALDEK0D1[redacted]	**CAC SR#:**	8-[redacted]

The customer was dissatisfied with this resolution: 100% Customer Pay

The customer is seeking: Reimbursement for repair

My position: There is no Business Case for this customer. The offered resolution was fair and appropriate.

My rationale:

My recommendation: Offer customer $100 Maintenance Letter to restore faith in GM products as customer is first time GM buyer.

The CAC advisor requests all blue field information from the Customer Experience Manager.
If the additional information isn't obtained within 48 hrs of the request, CAC proceeds without it.

Repair cost at warranty rates	**Job card (Repair Order) date**	**Mileage on day of repair:**
$325.00	4/11/2016	73,835

GM Policy Calculator Results

Vehicle Make:	Buick
Minimum Customer/Dealer Participation:	$325.00
Maximum GM Participation:	$0.00

	Applicable Warranty	**Applicable Special Coverage #**	**Applicable Service Contract**
Name or Number:	Bumper - to - Bumper		
End date:	1/8/2016		
End odometer:	36,000		
# of **DAYS** after expiration:	94		
# of **MILES** after expiration:	37,835		
	Out-of-Warranty		

Supporting Factors

	Y/N	Key Details	Factor Type
Close to any applicable expiration limit?	**Yes**		**Warranty terms**
Repeat repairs related to current vehicle issue?	No		Inconvenience
Was vehicle inoperable/down for a high # of days as a result of current vehicle issue?	No		Inconvenience
Has cust spent a lot of $$ out-of-pocket on repairs related to the current vehicle issue?	No		Inconvenience
Has cust spent a lot of $$ out-of-pocket repairing out-of-warranty issues?	No		Inconvenience
Loyal GM customer (has owned at least 2 GM vehicles)?	No		Loyalty
Loyal GM service customer to the involved GM Dealership?	No		Loyalty
Loyal GM service customer to other GM Dealerships?	No		Loyalty
High-dollar or premium vehicle?	No		Value to GM
First time GM buyer?	**Yes**		**Value to GM**
Discontinued brand vehicle?	No		Value to GM
Conquest buyer?	No		Value to GM
Original owner?	**Yes**		**Investment**
GM Certified Pre-Owned (used) vehicle?	No		Investment
Cust purchased extended service contract, but it's expired or doesn't cover the repair?	No		Investment

Limiting Factors

	Y/N	Key Details	Factor Type
Branded Title?	No		Warranty terms
Warranty Block?	No		Warranty terms
Vehicle is > 8 years old?	No		Warranty terms
Vehicle has > 100,000 miles?	No		Warranty terms
Current or former fleet vehicle?	No		Warranty terms / Usage
Way beyond all applicable expiration limits?	**Yes**		**Warranty terms**
Cause is not normally covered by warranty?			Warranty terms
Vehicle has an active Extended Service Contract (GM, Divisional, or Aftermarket)?			Warranty terms
Expenses incurred due to damage from an accident that insurance will not cover?			Warranty terms
Expenses incurred due to damage done by an independent repair facility?			Lack of Loyalty
Customer does not appear to take good care of the vehicle?			Lack of Investment
Customer recently purchased the vehicle used (< 3,000 miles ago)?	No		Lack of Investment
Vehicle was purchased (used) outside the applicable warranty limits?	No		Lack of Investment



INDIANAPOLIS IN 460

22 SEP 2016 PM 4 L



Mr. Jeffrey M Boyer
Vice President
P.O. Box 909989
Milwaukee, WI 53209-9989

RECEIVED OCT 12 2016

53209-898989

September 21, 2016

Mr. Jeffrey Boyer
P.O. Box 909989
Milwaukee, WI 53209

Dear Mr. Boyer,

I received a notice that my 2013 Chevrolet Equinox will be recalled. On March 25, my husband and I were in a torrential downpour when our windshield wipers quit. We were approaching a bridge, but we were able to pull next to a guardrail. When the rain let up a little, my husband backed the car to a side road. We drove back to Vincennes, IN, with difficulty.

I have enclosed a copy of the work done, and I would like to be reimbursed for it. I did receive a $100.00 certificate, but I have not used it.

I would appreciate your consideration in this matter.

Sincerely yours,



CUSTOMER #: [redacted]

[redacted]

INVOICE

PAGE 1

Uebelhor

P.O. BOX 1267 · 626 KIMMELL ROAD
VINCENNES, IN 47591
PHONE: (812) 882-5574 · TOLL FREE (800) 264-0046
FAX: (812) 882-6583
ubelhorandsons.com

"Where Customers Send Their Friends Since 1929"

[redacted]

SERVICE ADVISOR: 614 CODY BENEFIEL

BUS: CELL:

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG
RED	13	CHEVROLET EQUINOX	2GNALDEK0D1[redacted]		73835/73835	[redacted]

DEL DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
08JAN13 DD			WAIT 24MAR16		0.00	DISC	25MAR16

R.O. OPENED	READY
10:54 24MAR16	09:09 25MAR16

OPTIONS: ENG:2.4_Liter_SIDI_DOHC

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
A	***FREE BASIC VEHICLE MAINTENANCE INSPECTION***						
	M200			***FREE BASIC VEHICLE MAINTENANCE INSPECTION***			
		609	CC	0.00		0.00	0.00
					TOTAL LINE A:		0.00

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00

73835 REPLACED FRONT WIPER BLADES

****

B CUSTOMER STATES:FRONT WINDSHIELD WIPER BLADES NOT WORKING

	SS	CUSTOMER STATES:			94.05	94.05
		609	CC	1.10	22.55	22.55	22.55
	1	22868414	(S)	BLADE	137.59	137.59	137.59
	1	25948436	(S)	TRANSMISSION	22.55	22.55	22.55
	1	22868413	(S)	BLADE			
	P112R	DIAG				72.68	72.68
		609	CC	1.00	TOTAL LINE B:		349.42

PARTS: 182.69 LABOR: 166.73 OTHER: 0.00

73835 CHECKED FRONT WIPER OPERATION.FOUND FRONT WIPER MODULE CAUSING PROBLEM.GOT CUSTOMER PRICES.REPLACED FRONT WIPER MODULE.

****

****

* [ ] CASH [ ] CHECK CK NO.[ ] *

*

* [ ] VISA [ ] MASTERCARD [ ] DISCOVER *

*

* [ ] AMER XPRESS [ ] OTHER [ ] CHARGE *

****

COPY

Thank you for this opportunity to serve you. It is our aim to perform all the repairs requested on this repair order to your complete satisfaction. If our service was satisfactory, please tell your friends, if not, please tell us immediately.

PONTIAC GMC

STATEMENT OF DISCLAIMER

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CUSTOMER SIGNATURE

DESCRIPTION	TOTALS
LABOR AMOUNT	166.73
PARTS AMOUNT	182.69
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	0.00
MISC. CHARGES	0.00
TOTAL CHARGES	349.42
LESS AMOUNT	36.2[illegible]
SALES TAX	12.7[illegible]
PLEASE PAY THIS AMOUNT	325.9[illegible]

CUSTOMER COPY

Uebelhor

KNOW YOUR VEHICLE™
FITNESS INSPECTION & TREATMENT PLAN



Tech 614
Service Consultant

B. Yoder
Certified Technician

YOUR VEHICLE

Year	Make	Model	Engine Type
2013	Chevrolet	Equinox	2.4L 4-cyl K DOHC (DI)

Odometer	VIN #	License #	Date
73,835	2GNALDEK0D1 [redacted]		3/25/2016

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Customer	**Vehicle**	**Status of vehicle/concern**
[redacted]	2013 Chevrolet Equinox	Customer Seeks- Riembrustment
	2GNALBEK8D6[redacted]	Repairs are all complete
Call Anytime	Mileage now: 61000 mi	Vehicle is currently inoperable/down

Key Points

Customer State- in may the customer was driving while it was storm and the window shilled wipers stop working , he just went to nearest dealer , customer dealt with 3rd party dealer ($431) , customer states he a loyal customer and he wont buy another vehicle

Customer Seeks- Reimbursement

SA Adv.- Contact dealer , advised customer due to him not being in warranty he wont be able to get reimbursement , adv. customer I will reach out to dealer to see what can be done

Supporting Factors	Limiting Factors
Original owner (verified)	
Please consider these additional questions: *Close to any applicable expiration limit?* *(wrnty, spl covg, svc contrt)* *Did cust buy an extd svc contract, but it's expired or n/a?* *Is this a loyal service customer?* *(to involved dealer)* *Are high dollar customer-pay ROs on record for this cust?* *Is this a conquest buyer?*	*Please consider these additional questions:* *Is vehicle way beyond all applicable expiration limits?* *Does veh have an active aftermarket Extd Svc Contract?* *Did customer buy vehicle outside of warranty?* *Does it seem customer doesn't take care of the vehicle?* *Is cause not normally covered by warranty?* *Is cause due to an accident insurance won't cover?* *Is cause due to damage by independent repair facility?*

Additional key points

Reference

CAC SR#: 8-[redacted]

CAC advisor: Sharena Ervin--> (866) 790-5600 , Ext # 5914159

Some information in this report could not be verified/validated. Verified information is indicated as such, and was pulled from GM Databases.

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

CHECK No. [redacted] 50-937/213

VOID VOID VOID VOID VOID VOID VOID

DATE 11/08/17

431 DOLLARS 41 CENTS AMOUNT 431.41

NOT VALID AFTER 180 DAYS FROM DATE

PAY TO THE ORDER OF [redacted]

General Motors LLC
Disbursement Account
[redacted]

JPMorgan Chase Bank N.A
Syracuse, New York

AUDIT

SIGNATURE

[redacted]

VENDOR 1

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

DETACH BEFORE DEPOSITING CHECK
CHECK NO [redacted]

DUNS NO BB 000000038

VENDOR NAME [redacted]

PAYMENT DATE 11/08/17

REGISTER NO. / DESCRIPTION	INVOICE DATE	DOC. REFERENCE NUMBER	% DISC	INVOICE AMOUNT	DISC. AMOUNT	NET AMOUNT
2GNALBEK8D [redacted]	11/07/17	VM [redacted]	00.0000	431.41	.00	431.41
			TOTAL	431.41	.00	431.41

ACCEPTANCE OF THIS CHECK CONSTITUTES FULL RESOLUTION FOR REIMBURSEMENT OR QUESTIONS CALL 800-462-8782

W3

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Connecting.....A live chat agent is now entering the chat.

Caller English

System [8:37:02 AM]:

Welcome to chat.

Lakeshia [8:37:31 AM]:

Thank you for contacting GMC Customer Assistance, [redacted] My name is Lakeshia. How may I assist you today? Also, your safety is very important to us, so please refrain from using any hand held devices while driving.

[redacted] [8:38:52 AM]:

After multiple attempts at finding a resolution for reimbursement for the recall on windshield wipers that GMC sent out, I am extremely displeased with the response I have gotten from GMC. I have reached out to the Consumer Product Safety Commission to report this as well as the Better Business Bureau. I love my GMC, I'm upset that nobody was able to help me resolve my issue better.

Lakeshia [8:40:56 AM]:

I am certainly regret to hear that you are displeased with the outcome. Be assured that this feedback will be fully documented, [redacted]

Lakeshia [8:44:11 AM]:

Are you still there, ? I'm still here to answer any questions you may have.

[redacted] [8:44:30 AM]:

There is an account where this should be documented, however, the last time I called to get an update I learned that the senior advisor handling my account had moved to a different area of the company and had closed my account as resolved. Which is certainly is not.

Lakeshia [8:47:34 AM]:

Did you receive the 2nd reimbursement letter?

Lakeshia [8:48:24 AM]:

Actually. You can submit for reimbursement when they release the remedy.

Lakeshia [8:49:30 AM]:

I see that the remedy for the recall has not be released yet. Once GM releases the remedy (you will get a letter when we do) and you have the recall serviced, then you can submit for reimbursement.

Lakeshia [8:52:40 AM]:

Are you still there, [redacted] I'm still here to answer any questions you may have.

[redacted] [8:53:00 AM]:

I'm unsure how a recall can be issued to over 300,000 customers without having a resolution ready, and it has now been 2 months. I paid close to $400 to have my windshield wipers fixed because that's what I was told by GMC to have done, and that once I receive the next letter I can submit for reimbursement. Then I was told the parts aren't ready so they can't resolve the issue at all. The parts were at the dealership when they fixed my windshield wipers, I should have heard by now what the remedy is.

Lakeshia [8:54:28 AM]:

I certainly apologize for any inconvience this may have caused you. GM has not released the remedy for this recall. Once GM releases the remedy (you will get a letter when we do) and you have the recall serviced, then you can submit for reimbursement.

Lakeshia [8:57:42 AM]:

Are you still there, [redacted] I'm still here to answer any questions you may have.

Lakeshia [8:59:58 AM]:

I will be ending this chat session due to no response. If you have additional questions, please feel free to contact us again. We are here to chat Monday through Friday from 8:00 a.m. to 11:00 p.m. and Saturday from 9:00 a.m. to 11:00 p.m Eastern time. You may also call in at 866-790-3600. Thanks for visiting us.

Lakeshia [8:59:59 AM]:

I will be ending this chat session due to no response. If you have additional questions, please feel free to contact us again. We are here to chat Monday through Friday from 8:00 a.m. to 11:00 p.m. and Saturday from 9:00 a.m. to 11:00 p.m Eastern time. You may also call in at 866-790-3600. Thanks for visiting us.

You have been disconnected from the chat session. If you require further assistance, please start another chat session or visit it.support.gm.com for more support options.

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

CHECK NO. [redacted] 50-937/213

VOID VOID VOID VOID VOID

DATE 07/11/17 | 383 DOLLARS | 93 CENTS | AMOUNT 383.93

NOT VALID AFTER 180 DAYS FROM DATE

PAY TO THE ORDER OF [redacted]

General Motors LLC
Disbursement Account
[redacted]
SIGNATURE

JPMorgan Chase Bank N.A
Syracuse, New York

AUDIT

[redacted]

VENDOR 1
DUNS NO BB 000000032
VENDOR NAME [redacted]

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

DETACH BEFORE DEPOSITING CHECK
CHECK NO [redacted]
PAYMENT DATE 07/11/17

REGISTER NO. / DESCRIPTION	INVOICE DATE	DOC. REFERENCE NUMBER	% DISC	INVOICE AMOUNT	DISC. AMOUNT	NET AMOUNT
2GKFLTEK1D6 [redacted]	07/10/17	VM [redacted] B- [redacted]	00.0000	383.93	.00	383.93

ACCEPTANCE OF THIS CHECK CONSTITUTES FULL RESOLUTION FOR REIMBURSEMENT OR QUESTIONS CALL 800-462-8782

W3

TOTAL	383.93	.00	383.93

1 - 75LL000100220- 1693312

GMC®

U.S. POSTAGE PITNEY BOWES
ZIP 48201 $ 000.46⁰
02 1W
0001391688 JUL. 12. 2017

Customer Assistance Center
GMC
PO Box 33172
Detroit, MI 48232-5172

Customer did not receive letter from GM.

RECEIVED AUG 07 2017

NIXIE 750 DE 1 0008/04/17

RETURN TO SENDER
INSUFFICIENT ADDRESS
UNABLE TO FORWARD

BC: 48232517272 *2690-05851-12-43

[redacted]

GMC

July 10, 2017

[redacted]

Dear [redacted]

Thank you for contacting us recently about the notice you received for your 2013 GMC Terrain. We apologize for any inconvenience you may have experienced as a result of this action.

At GMC, we believe our customers have the right to expect long-term, reliable performance from our products. There are, however, many variables that affect the life of the vehicle's parts and performance. There are times when we identify a motor vehicle defect and release a recall notice to our loyal customers for their safety and satisfaction.

We have reviewed your request for reimbursement and are happy to inform you that you are being reimbursed for the full amount of the repair associated with the field action. We have enclosed a check in the amount of $383.93. Please note that this reimbursement does not include any additional reimbursement requests not associated with the prescribed repair (e.g. maintenance items, wear-and-tear items, etc).

If your vehicle has not been inspected by your local GM dealership, we request you set up an appointment to ensure all necessary steps have been taken to repair your vehicle.

At GMC, our commitment to customer satisfaction is a top priority. If you have future questions, please don't hesitate to email us using the Contact Us link at GMC.com or call us at 1-800-462-8782.

Sincerely,

GMC Customer Assistance Center
Service Request: 8-[redacted]

For more information regarding the maintenance and care of your vehicle, please visit [redacted] This free online service offers vehicle and ownership-related information and tools tailored to your specific vehicle.

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

CHECK No. [redacted] 50-937 / 213

DATE 07/11/17

383 DOLLARS 93 CENTS

AMOUNT 383.93

NOT VALID AFTER 180 DAYS FROM DATE

PAY TO THE ORDER OF [redacted]

General Motors LLC
Disbursement Account
[redacted]
SIGNATURE

JPMorgan Chase Bank N.A
Syracuse, New York

AUDIT

[redacted]

VENDOR 1
DUNS NO BB 000000032
VENDOR NAME [redacted]

General Motors LLC
PO BOX 62530
Phoenix AZ 85082-2530

DETACH BEFORE DEPOSITING CHECK
CHECK NO [redacted]
PAYMENT DATE 07/11/17

REGISTER NO. DESCRIPTION	INVOICE DATE	DOC. REFERENCE NUMBER	% DISC	INVOICE AMOUNT	DISC. AMOUNT	NET AMOUNT
2GKFLTEK1D6 [redacted]	07/10/17	8-[redacted]	00.0000	383.93	.00	383.93
			TOTAL	383.93	.00	383.93

ACCEPTANCE OF THIS CHECK CONSTITUTES FULL RESOLUTION FOR REIMBURSEMENT\OR QUESTIONS CALL 800-462-8782

W3

HOLD AT AN ANGLE TO VIEW SECURITY MARK.

E G
A
E G

DO NOT ACCEPT IF SECURITY MARK IS ABSENT.

ENDORSE HERE

X _____

DO NOT WRITE, STAMP OR SIGN BELOW THIS LINE
RESERVED FOR FINANCIAL INSTITUTION USE*

*FEDERAL RESERVE BOARD OF GOVERNORS REG. CC

F91010

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

12/8/16

3 pages

TO: [redacted]

FROM: [redacted]

RE: Chevy Equinox Safety Recall

[redacted]

Thank you for looking into this for us!
GM is refusing to pay for this repair.

Chevrolet
P.O. Box 909989
Milwaukee, WI 53209-9989

IMPORTAN[redacted]
Case #8

[redacted]
25302 2GNFLFE36D[redacted]
[redacted]

September 2016

This notice applies to your vehicle, **VIN: 2GNFLFE36D6**[redacted]

Dear [redacted]

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2013 model year Chevrolet Equinox vehicles. As a result, GM is conducting a safety recall. We apologize for this inconvenience. However, we are concerned about your safety and continued satisfaction with our products.

IMPORTANT

- Your vehicle is involved in GM safety recall 25302.

Why is your vehicle being recalled?

The ball joints in the windshield wiper modules in your vehicle may experience high corrosion and wear that could result in the separation of one or more ball joints from their sockets during wiper operation. If a ball joint were to separate, one or both of the windshield wipers could become inoperative. If one or both of the windshield wipers become inoperative, it could limit your visibility under certain operating conditions, which may increase the risk of a crash.

What will we do?

We are working to develop a remedy as quickly as possible. When the remedy is determined and parts are available, we will send you another letter requesting you to contact your Chevrolet dealer to schedule an appointment for the repair. The repair will be performed on your vehicle at **no charge.**

You can also check the status of this recall at www. my.gm.com/recalls. If you have already paid for repairs for this condition, a reimbursement request form will be included with the letter.

GM

What should you do?

If you experience this issue and one or both of your windshield wipers stop working, please contact your Chevrolet dealer to have them addressed. If you do not experience this issue and your wipers continue to work, we will contact you as soon as a final remedy is determined and parts are available.

Do you have questions?

If you have questions or concerns that your dealer is unable to resolve, please contact the Chevrolet Customer Assistance Center at 1.800.222.1020 (TTY 1.800.833.2438).

If after contacting your dealer and the Customer Assistance Center, you are still not satisfied we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1.888.327.4236 (TTY 1.800.424.9153), or go to http://www.safercar.gov. The National Highway Traffic Safety Administration Campaign ID Number for this recall is 16V582.

Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

[redacted]

Jeffrey M. Boyer
Vice President
Global Vehicle Safety

GM Recall 25302

[redacted]

[redacted]

0024943/GMR2V160906011
Page 01 of 01

Forwarding. Thanks!

From: Darrin Hardy
Sent: Thursday, December 08, 2016 8:48 PM
To: Tom Wilkinson <tom.wilkinson@gm.com>
Subject: Fwd: [EXTERNAL] Attention GM Communications

Best regards,

Darri'n Hardy

Chevrolet Communications

Darrin.Hardy@gm.com

[redacted]

Begin forwarded message:

From: [redacted]
Date: *December 8, 2016 at 5:16:06 PM EST*
To: *"darrin.hardy@gm.com" <darrin.hardy@gm.com>*
Subject: [EXTERNAL] Attention GM Communications

Hi Darri'n,

I'm a producer with NBC10 in Philadelphia.

We recently heard from a viewer who received a recall notice about her Chevrolet Equinox (attached).

She says the windshield wipers recently stopped working, and is told by GM she has to pay for the repair out of pocket, even though it is a known defect.

Can someone please look into this for us?

Thanks,

[redacted]



12/8/16

3 pages

TO: [redacted]

FROM: [redacted]

RE: Chevy Equinox Safety Recall

[redacted]

Thank you for looking into this for us!
GM is refusing to pay for this repair.

Chevrolet
P.O. Box 909989
Milwaukee, WI 53209-9989

IMPORTAN[redacted]
Case #8

[redacted]
25302 2GNFLFE36D[redacted]
[redacted]

September 2016

This notice applies to your vehicle, **VIN: 2GNFLFE36D6**[redacted]

Dear [redacted]

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2013 model year Chevrolet Equinox vehicles. As a result, GM is conducting a safety recall. We apologize for this inconvenience. However, we are concerned about your safety and continued satisfaction with our products.

IMPORTANT

- Your vehicle is involved in GM safety recall 25302.

Why is your vehicle being recalled?

The ball joints in the windshield wiper modules in your vehicle may experience high corrosion and wear that could result in the separation of one or more ball joints from their sockets during wiper operation. If a ball joint were to separate, one or both of the windshield wipers could become inoperative. If one or both of the windshield wipers become inoperative, it could limit your visibility under certain operating conditions, which may increase the risk of a crash.

What will we do?

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You can also check the status of this recall at www. my.gm.com/recalls. If you have already paid for repairs for this condition, a reimbursement request form will be included with the letter.

GM

What should you do?

If you experience this issue and one or both of your windshield wipers stop working, please contact your Chevrolet dealer to have them addressed. If you do not experience this issue and your wipers continue to work, we will contact you as soon as a final remedy is determined and parts are available.

Do you have questions?

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If after contacting your dealer and the Customer Assistance Center, you are still not satisfied we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1.888.327.4236 (TTY 1.800.424.9153), or go to http://www.safercar.gov. The National Highway Traffic Safety Administration Campaign ID Number for this recall is 16V582.

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Jeffrey M. Boyer
Vice President
Global Vehicle Safety

GM Recall 25302

[redacted]

[redacted]

0024943/GMR2V160906011
Page 01 of 01

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She says the windshield wipers recently stopped working, and is told by GM she has to pay for the repair out of pocket, even though it is a known defect.

Can someone please look into this for us?

Thanks,

[redacted]



This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Customer	**Vehicle**	**Status of vehicle/concern**
[redacted] Anytime during the day.	GMC Terrain 2013 2GKALWEK6D6[redacted] Mileage Now: 67225 mi Warranty Start: 08/25/2012	A GM Dealer has not diagnosed the current concern Repairs have not been scheduled Vehicle is operable for this concern and is able to be driven

Key Points

Customer called in seeking rental/loaner assistance since the part for the temporary fix is not available. Customer seeks part for temporary fix and remedy for recall 25302. Customer was advised her concerns would be looked into.

Supporting Factors	Limiting Factors
2 GM Vehicles Purchased Vehicle has been serviced for this concern: 1 time Customer has incurred costs due to this concern	Current or former fleet vehicle Vehicle was purchased used at 39503 miles
Please consider these additional questions: *Close to any applicable expiration limit? (wrnty, spl covg, svc contrt)* *Did cust buy an extd svc contract, but it's expired or n/a?* *Is this a loyal service customer? (to involved dealer)* *Are high dollar customer-pay ROs on record for this cust?* *Is this a conquest buyer?*	*Please consider these additional questions:* *Is vehicle way beyond all applicable expiration limits?* *Does veh have an active aftermarket Extd Svc Contract?* *Did customer buy vehicle outside of warranty?* *Does it seem customer doesn't take care of the vehicle?* *Is cause not normally covered by warranty?* *Is cause due to an accident insurance won't cover?* *Is cause due to damage by independent repair facility?*

Additional key points

This customer has purchased these GM vehicles: 2013 Terrain

Reference

CAC SR#: 8[redacted]
Tier 2 CAC advisor: Larissia Waller --> 1-866-790-5700 Ext # 5920574

John Garza (C)

From: John Garza (C)
Sent: Tuesday, December 27, 2016 6:51 PM
To: Timothy Jones
Cc: Steve Franklin
Subject: Initial Notification of BBB Case VIN: 2GKALWEK6D6[redacted], Boardwalk Chevrolet , BAC: 112[redacted], Customer: [redacted] SR# 8-[redacted]
Attachments: CCF.pdf

Service Request: 8-[redacted]
Customer Last Name: [redacted]
Involved Dealership: Boardwalk Chevrolet , BAC: 112[redacted], REDWOOD CITY,CA
Dealership Contact: Jose Cabral
VIN: 2GKALWEK6D6[redacted]
Vehicle: 2013 GMC Terrain
Mileage: 67,223
Customer complaint: Winshield wipers broken

Product Safety Recall	2025302	25302	Windshield Wipers	08/16/2016	Incomplete. Remedy not available

Timothy,
This email is being sent to inform you that this customer has filed with the Better Business Bureau for their 2013 GMC Terrain. The customer has stated Broken whinshield wiper, no parts available and is seeking have the vehicle repaired. The Customer Complaint Form (CCF) is attached for your review. Within 10 days of receipt of this email, I will send you a case assessment for your review and assistance in determining a suitable resolution to the customer's concern. In the meantime, please let me know if you have any information about this customer and/or their stated concern.

Due to strict timelines established in our agreement with the Council of Better Business Bureaus, time is critical in resolving this matter. I will be requesting documents from the dealership and would appreciate any assistance that you can provide to encourage the dealer to fulfill this request as timely as possible. Thank you in advance for your assistance.

If you have further questions, please contact Customer Relationship Specialist, John at 866-790-5700 ext 5921321, or by fax at 866-485-4469. You may also contact the Business Resource Center at 800-231-1841, Monday through Friday between 8:00 am and 5:00 pm, Eastern Time. Please refer to the service request number above.

Sincerely,

John Garza
General Motors, LLC
Business Resource Center
Phone: (866) 790-5700 ext. 5921321
Facsimile: (866) 485-4469
john.garza@gm.com

BBB AUTO LINE
Customer Claim Form

Case number:	[redacted]
Contact date:	12/23/16
Start date:	12/27/16

Please make any necessary corrections to the information below, print or verify your VIN number and lienholder/leasing company information at the bottom of this page, and complete the missing information in Section 4 on the next page (attach additional sheets as needed).

SECTION 1: CUSTOMER INFORMATION

Titled owner: [redacted]			
Mailing addres [redacted]			
City: [redacted]	State: [redacted]	Zip code: [redacted]	
Day phone: [redacted]	Evening phone [redacted]	Cell phone: [redacted]	
Fax:	E-mail address: [redacted]		

SECTION 2: VEHICLE INFORMATION

Make: Pontiac/GMC	Model: Terrain	Year: 2013	Current mileage: 67223
Name(s) that appears on the vehicle title: [redacted]			
Selling dealer/city/state: BROADWALK CHEVROLET, REDWOOD CITY, CA			
Primary Servicing dealer/city/state: Broadwalk Chevrolet,			
Acquired as ☐ new ☒ used ☐ demo ☐ leased		Is the vehicle in your possession? ☒ yes ☐ no Date of sale or termination of lease:	
Purchase/lease date: 06/07/14		Mileage at purchase/lease:	
First repair attempt date: 12/15/16		First repair attempt mileage: 0	
How often is the vehicle used for business purposes (percentage): 0 %	Number of vehicles registered in California by vehicle owner/lessee:	Transmission type: ☒ Automatic ☐ Manual	
Has the vehicle been in an accident/had body damage? ☐ yes ☒ no		Date of accident:	
Description of damage:			

SECTION 3: DESIRED OUTCOME (Describe what you want done to resolve your concern)

We want the car fixed and safe to drive.

Please complete the missing information in the box below and on page 2.

VEHICLE INDENTIFICATION NUMBER 2GKALWEK6D6[redacted]

Lienholder/Leasing Company _____ **Phone Number**_____

CACCF

Case Number [redacted]

SECTION 4: VEHICLE PROBLEMS (List primary problem first)

Problem	Servicing dealer(s)	# of repair attempts	List the date, mileage, and days out of service for each repair attempt	Does the problem exist now?
Example: **A/C won't cool properly**	**Any Dealer, Inc.**	**2**	**4/23/06 3,500 miles 5 days** **6/10/07 12,700 miles 1 day**	**yes**
Broken Windshield Wiper		1		yes
Cant fix because there is no part available		1		yes
Can't drive in Winter with broken Wipers		1		yes

Total days out of service for all problems: _____

Signature of Titled Owner(s) _____ Date _____

I am submitting this dispute for resolution in the BBB AUTO LINE program, and I agree to arbitrate the dispute under the BBB AUTO LINE Arbitration Rules.

Please mail or fax this completed form with <u>copies</u> of all available repair orders, your vehicle registration, your sales agreement or lease agreement, and any other relevant documents (e.g., written correspondence with the manufacturer, etc.) to:

BBB AUTO LINE
3033 Wilson Blvd., Suite 600
Arlington VA, 22201
Fax: 703-247-9700

Boardwalk
ONE BAIR ISLAND ROAD
REDWOOD CITY, CA 94063-2764
www.goboardwalk.com
(650) 364-0100

CHEVROLET
VOLKSWAGEN
JEEP
CHRYSLER
PLYMOUTH
LOTUS
NISSAN

B.A.R. # AL156928

BOARDWALK CARS, INC.
One D Bair Island Road
[redacted]

EPA # CAD 982430449

NOTICE TO CONSUMER: PLEASE READ IMPORTANT WARRANTY AND WARNING INFORMATION ON BACK.

[redacted]

CELL: [redacted]

ADVISOR: MIKE 3643	TAG NO.: [redacted]	INVOICE DATE: 12/16/16	
LICENSE NO.	MILEAGE: 67,075	COLOR: BLACK/	STOCK NO.: [redacted]
YEAR / MAKE / MODEL: 13/GMC/TERRAIN/4DR FWD		DELIVERY DATE: 06/07/14	DELIVERY MILES: 38,919
VEHICLE I.D. NO.: 2 G K A L W E K 6 D 6 [redacted]		SELLING DEALER NO.	PRODUCTION DATE
F. T. E. NO.	P.O. NO.	R. O. DATE: 12/15/16	
COMMENTS			

MO: [redacted]

JOB# 1 CHARGES

LABOR

[redacted]

CUST STATES WIPERS DO NOT WORK, CHECK AND ADVISE
WIPER TRANSMISSION ARM WILL NOT STAY IN PLACE AT THE
WIPER MOTOR. PLATIC SOCKET AT TRANSMISSION ARM WORN.
"RECOMMEND TO REPLACE WIPER TRANSMISSION ASSEMBLY".
PARTS CURRENTLY NOT AVAILABLE.
REMOVED COWL TRIM AND WIPERS TO INSPECT WIPER SYSTEM.
REINSTALLED COWL TRIM AND WIPERS.
PARTS ARE ORDERED. DATE OF PARTS AVAILIBILITY UNKNOWN
CUST WILL HAVE TO FOLLOW UP AND CHECK IF PARTS ARRIVE
CALL 650-568-5268 (MIKE)

PARTS	QTY	FP-NUMBER	DESCRIPTION	UNIT PRICE	
	0	84126961	TRANSMISS 10.159	96.94	0.00
PART ON SPECIAL ORDER					
** QUANTITY 1 IS SPECIAL ORDERED **					
				TOTAL - PARTS	0.00

JOB# 1 TOTALS

LABOR	100.00
JOB# 1 JOURNAL PREFIX CVCS JOB# 1 TOTAL	100.00

JOB# 2 CHARGES

LABOR

[redacted]

PERFORM TIRE INSPECTION - SET TIRE PRESSURE
CHECK AND ADJUST TIRE PRESSURES TO 35 PSI COLD.

JOB# 2 TOTALS

JOB# 2 JOURNAL PREFIX CVCS JOB# 2 TOTAL	0.00

ESTIMATE

CUSTOMER HEREBY ACKNOWLEDGES RECEIVING
ORIGINAL ESTIMATE OF $175.00 (+TAX)

COMMENTS

FIDELITY INS
AUTH 76483149A
TOTAL CLAIM $378.35 -$250 DEDUCTABLE
CLAIM WITH FIDELITY GOOD FOR 1YEAR
CUST IS PAYING $100 NOW AND $150 TOTAL WHEN
PARTS ARE HERE AND WORK IS COMPLETE

WARNING:

Motor vehicles contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals are contained in many vehicle components and replacement parts, vehicle fluids, and paints and materials used to maintain vehicles, including, but not limited to, fuel, oil, batteries, brakes, and wheel balancing weights. When you service, clean, or maintain your motor vehicle, you will be exposed to listed chemicals contained in used oil, waste and replacement fluids, fumes, grease, grime, touch-up paint, certain replacement parts, and particulates from component wear. When we service your motor vehicle, we will return used components to you upon request. Used parts and components contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

To minimize your exposure when servicing, maintaining, or cleaning your vehicle; 1) work in a well-ventilated area; 2) do not smoke, drink, or eat while working; 3) wash your hands when finished or when taking a break; and 4) follow all manufacturer instructions pertaining to proper use and maintenance of motor vehicles and vehicle components.

Posted in accordance with proposition 65 in Cal, Health & Safety Code §25249.5 et seq)
For further information about Proposition 65:
http://www.oehha.org/prop65.html

The Reynolds and Reynolds Company (SM) DRIVE (04/14) 37 Q

SF915838 Q (04/04)

Boardwalk

ONE BAIR ISLAND ROAD
REDWOOD CITY, CA 94063-2764
www.goboardwalk.com
(660) 364-0100

CHEVROLET
VOLKSWAGEN
JEEP
CHRYSLER
PLYMOUTH
LOTUS
NISSAN



B.A.R. # AL156928

BOARDWALK CARS, INC.
One D Bair Island Road

EPA # CAD 982430449

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[redacted]

CELL: [redacted]

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YEAR / MAKE / MODEL: 13/GMC/TERRAIN/4DR FWD			DELIVERY DATE: 06/07/14	DELIVERY MILES: 38,919
VEHICLE I.D. NO.: 2 G K A L W E K 6 D 6 [redacted]			SELLING DEALER NO.	PRODUCTION DATE
F.T.E. NO.	P.O. NO.		R. O. DATE: 12/15/16	
COMMENTS				MO: [redacted]

TOTALS----------

Please give us your email address so that we may send you dealership specials, updates, and important recall information related to your vehicle. We will not send you SPAM, and we will keep your email address private.

EMAIL ADDRESS:

TOTAL LABOR....	100.00
TOTAL PARTS....	0.00
TOTAL SUBLET...	0.00
TOTAL G.O.G....	0.00
TOTAL MISC CHG.	0.00
TOTAL MISC DISC	0.00
TOTAL TAX.....	0.00
TOTAL INVOICE $	**100.00**

CUSTOMER SIGNATURE

********** DUPLICATE INVOICE **********

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To minimize your exposure when servicing, maintaining, or cleaning your vehicle; 1) work in a well-ventilated area; 2) do not smoke, drink, or eat while working; 3) wash your hands when finished or when taking a break; and 4) follow all manufacturer instructions pertaining to proper use and maintenance of motor vehicles and vehicle components.

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http://www.oehha.org/prop65.html

The Reynolds and Reynolds Company EBALSRMVE GQ41797 Q (04/14)

CUSTOMER COPY

[END OF INVOICE] 02:01pm

SF615926 Q (04/04)

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Customer

[redacted]
Unknown

Vehicle

GMC Terrain 2013
2GKFLSE39D6[redacted]
Mileage Now: 65842 mi
Warranty Start:

Status of vehicle/concern

A GM Dealer has diagnosed the current concern
Repairs are complete
Vehicle is operable for this concern and is able to be driven

Key Points

Customer's Concern: Inoperative wipers

Customer stated the dealer put on faulty wipers because repair is currently not available.

Customer's Request: Reimbursement of $300

Tier 2 Advised the Customer: SA advised customer the recall is pending repair. Once recall is completed, she will received a letter with instructions on what to do if she has already paid for the repair.

Customer stated that is unacceptable and she will call headquarters.

Brenda Benning/WMI Tier 2

Supporting Factors	Limiting Factors
Original Owner 5+ GM Vehicles Purchased Vehicle has been serviced for this concern: 1 time Customer has incurred costs due to this concern	
Please consider these additional questions: *Close to any applicable expiration limit? (wrnty, spl covg, svc contrt)* *Did cust buy an extd svc contract, but it's expired or n/a?* *Is this a loyal service customer? (to involved dealer)* *Are high dollar customer-pay ROs on record for this cust?* *Is this a conquest buyer?*	*Please consider these additional questions:* *Is vehicle way beyond all applicable expiration limits?* *Does veh have an active aftermarket Extd Svc Contract?* *Did customer buy vehicle outside of warranty?* *Does it seem customer doesn't take care of the vehicle?* *Is cause not normally covered by warranty?* *Is cause due to an accident insurance won't cover?* *Is cause due to damage by independent repair facility?*

Additional key points

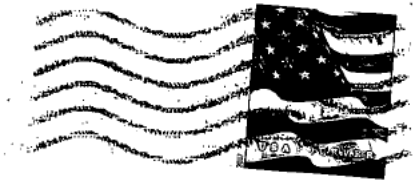
This customer has purchased these GM vehicles: 2003 Chevrolet Cavalier, 2003 GMC Yukon, 1994 GMC Yukon, 2009 Chevrolet Traverse, 2013 GMC Terrain

Reference

CAC SR#: 8[redacted]
Tier 2 CAC advisor: Brenda Benning --> 1-866-790-5700 Ext # 5914421

METROPLEX MI 480

28 APR 2017 PM 6 L



Reimbursement Dept
P.O. Box 33170
Detroit MI 48232-5170

RECEIVED MAY 0 8 2017

48232-517070 [redacted]

General Motors Product Field Action
Customer Reimbursement Request Form

[redacted]

This section to be completed by customer (please print)

Customer Name: [redacted]

Street Address or P. O. Box Number: [redacted]

City: [redacted] State: [redacted] Zip Code: [redacted]

Daytime Telephone Number (include Area Code): [redacted]

Evening Telephone Number (include Area Code): [redacted]

Date Request Form and Supporting Documentation Submitted to Dealer: _____

Vehicle Identification Number of Involved Vehicle: 2GKFLSE39D6[redacted]
(17 Characters)

Mileage at Time of Repair: 65842 Date of Repair: 1/11/17

Amount of Reimbursement Requested: $ 317.37

THE FOLLOWING DOCUMENTATION MUST ACCOMPANY THIS REQUEST FORM.

Original or clear copy of all receipts, invoices and/or repair orders that show:

- The name and address of the person who paid for the repair.
- The Vehicle Identification Number (VIN) of the vehicle that was repaired.
- Description of problem, the repair performed, date of repair and who performed the repair.
- The total cost of the repair expense that is being requested.
- Proof of payment for the repair in question and the date of payment.

My signature to this document attests that all attached documents are genuine and I request reimbursement for the expense I incurred for the repair covered by this letter.

Customer's Signature: [redacted]

Submit this request form and the required documents to your GM dealer for processing. All reasonable and customary costs to correct the condition described in the letter that came with this form will be considered for reimbursement. If your request is approved, you will receive a check from your dealer. If your request is denied, you will receive a written explanation for the denial from your dealer. If your request is incomplete, your dealer will advise you what documentation is needed to complete the request and offer you the opportunity to resubmit the request when the missing documents are available. If you have any questions about this process or have waited 30 or more days for a response from your dealer, please contact the GM Customer Assistance Center at 1-800-204-0261.

This section to be completed by dealer (please print)

Bulletin No.: _____ Request Approved: ____ Date: _____ Amount: $_____

Request Denied: ____ Date: _____ Reviewed By: _____

Reason: _____

If denied, please provide a copy of this form to the customer and retain original for your files

UNIT# [redacted]

[redacted]

INVOICE

PAGE 1

BUICK-GMC
SERVICE PHONE: (248) 355-7600
(248) 353-9000
artmoranbuickgmc.com
BODY SHOP PHONE: (248) 354-5110

SALES & SERVICE
29300 TELEGRAPH ROAD
SOUTHFIELD, MI 48034
REGISTRATION NO. F102792

SERVICE ADVISOR: 285 ANTHONY L TATUM

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG
GREY GREEN	13	GMC TERRAIN	2GKFLSE39D6[redacted]		65842/65842	[redacted]

DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
12OCT12 IS 12OCT12 DD			WAIT 11JAN17		105.00	CASH	11JAN17

R.O. OPENED	READY	OPTIONS: STK: [redacted] DLR:21076 ENG:3.6_Liter_SIDI_DOHC TRN:MX0
12:24 11JAN17	16:16 11JAN17	

LINE OPCODE TECH TYPE HOURS	LIST	NET	TOTAL
A CUSTOMER STATES THE WIPERS ARE NO LONGER WORKING. PLEASE ADVISE			
MISC DIAG-VERIFIED-REPLACED WIPER TRANSMISSION TO CORRECT [redacted]			
C 1.50		157.50	157.50
1 84126959 F-(S)MODULE	135.07	135.07	135.07
PARTS: 135.07 LABOR: 157.50 OTHER: 0.00 TOTAL LINE A:			292.57
65842 1.5 check electrical replace broken wiper trans			
**********			
B PERFORM MULTI-POINT VEHICLE INSPECTION			
MPVI PERFORM MULTI-POINT VEHICLE INSPECTION			
131 REY,JOHN LIC#: M163909			
C 0.00		0.00	0.00
PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE B:			0.00
**********			

EST: 400.00 11JAN17 16:06 SA: 238

CONTACT: .

CUSTOMER PAY SHOP CHARGE FOR REPAIR ORDER 15.75

ALL REPAIRS PROPERLY COMPLETED AND CHECKED BY

COPY PAID

ALL PARTS REMOVED WILL BE RETURNED UNLESS INSTRUCTED OTHERWISE
☐ SAVE
☐ DISCARD

NOTE SHOP SUPPLIES - A TOKEN CHARGE IS INCLUDED FOR SUPPLIES USED ON YOUR VEHICLE APPLICABLE SUPPLY ITMES ARE NUTS, BOLTS, WASHERS, TAPE, PINS, AEROSPRAY, SHELLAC, SOLVENT, RAGS, CARBURATOR CLEANER, TOWELS, BATTERY CLEANER, WIRE, ETC.

Terms are cash on delivery. Estimates are for labor only. Material is extra. Storage will be $10.00 per day charged 48 hours after repairs are completed. Not responsible for loss or damage to cars or articles left in cars in case of fire, theft, accident or any other cause beyond our control.

DISCLAIMER OF WARRANTIES

"The factory warranty constitutes all of the warranties with respect to the sale of this item/itmes, including any implied warranty of merchantability or fitness for a particular purpose, and the seller neither assumes nor authorizes any other sperons to assume for it any liability in connection with the sale of this item/items."
I hereby authorize the repair work herein set forth to be done along with the necessary material and agree that you are not responsible for the loss or damage to vehicle or articles left in vehicle in case of fire, theft or any other cause beyond your fontrol or for any delays caused by unavailability of parts or delays in parts shipments by the supplier or transporter. I hereby grant you and/or your employees permission to operate the vehicle herein described on streets, highways or elsewhere for the purpose of testing and/or inspection. Any express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs thereto.

TERMS CASH: UNLESS ARRANGEMENTS MADE

X

AUTHORIZATION FOR INSURANCE COMPANY TO REPRESENT CONSTUMER AS THE VCHIEL REPAIR

The undersigned Customer hereby nominates and appoints the Insurance Company named its agents, employees or adjusters his/her authorized agent (Agent") granting the Agent authority to contract, sents, adjust and compromise on his/her behalf of repairs to his/her Vehicle at Art Moran Buick-GMC, Inc. Repair Facility Further, pursuent to the Michigan Motor Vehicle Service and Repair Act the Customer hereby delegates said Agent authority to authorize and/or approve any additional repairs required to the Vehicle received oh his/her behalf all documents (including the original estimate and final invoice) and either receive or decline the return of parts.

CUSTOMER SIGNATURE

DESCRIPTION	TOTALS
LABOR AMOUNT	157.50
PARTS AMOUNT	135.07
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	0.00
MISC. CHARGES	15.75
TOTAL CHARGES	308.32
LESS INSURANCE	0.00
SALES TAX	9.05
PLEASE PAY THIS AMOUNT	317.37

Copyright 2000 ADP, Inc. SERVICE INVOICE TYPE 2 - S12C

CUSTOMER COPY

UNIT# [redacted]

[redacted]

INVOICE

PAGE 1

SERVICE PHONE: (248) 355-7600

BUICK-GMC
(248) 353-9000
artmoranbuickgmc.com

BODY SHOP PHONE: (248) 354-5110

SALES & SERVICE
29300 TELEGRAPH ROAD
SOUTHFIELD, MI 48034
REGISTRATION NO. F102792

SERVICE ADVISOR: 144 JAMES SOCKOW

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG
GREY GREEN	13	GMC TERRAIN	2GKFLSE39D6[redacted]		70099/70099	[redacted]

DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
12OCT12 IS							
12OCT12 DD			WAIT 19APR17		114.00	CASH	18APR17

R.O OPENED	READY	OPTIONS: STK:[redacted] DLR:21076
13:05 18APR17	15:05 18APR17	ENG:3.6_Liter_SIDI_DOHC TRN:MX0

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
A	RECALL	25302	FRONT WIPER TRANSMISSION CORROSION FAILURE				
CAUSE: RECALL.							
	9102504		Install Windshield Wiper Module Assembly, Includes Air Inl				
		626	AIUTO,DINO LIC#: M132407				
			W	0.50			(N/C)
	1 15259076		(S)PLUG				(N/C)
	1 84241847		F-(S)MODULE				(N/C)

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE A: 0.00

70099 RECALL. 9102504 .5 Install Windshield Wiper Module Assembly, Includes Air Inlet Panel Revision

****

ALL REPAIRS PROPERLY COMPLETED AND CHECKED BY

COPY

ALL PARTS REMOVED WILL BE RETURNED UNLESS INSTRUCTED OTHERWISE

☐ SAVE

☐ DISCARD

NOTE SHOP SUPPLIES - A TOKEN CHARGE IS INCLUDED FOR SUPPLIES USED ON YOUR VEHICLE APPLICABLE SUPPLY ITMES ARE NUTS, BOLTS, WASHERS, TAPE, PINS, AEROSPRAY, SHELLAC, SOLVENT, RAGS, CARBURATOR CLEANER, TOWELS, BATTERY CLEANER, WIRE, ETC.

Terms are cash on delivery. Estimates are for labor only. Material is extra. Storage will be $10.00 per day charged 48 hours after repairs are completed. Not responsible for loss or damage to cars or articles left in cars in case of fire, theft, accident or any other cause beyond our control.

DISCLAIMER OF WARRANTIES

"The factory warranty constitutes all of the warranties with respect to the sale of this item/itmes, including any implied warranty of merchantability or fitness for a particular purpose, and the seller neither assumes nor authorizes any other sperons to assume for it any liability in connection with the sale of this item/items."

I hereby authorize the repair work herein set forth to be done along with the necessary material and agree that you are not responsible for the loss or damage to vehicle or articles left in vehicle in case of fire, theft or any other cause beyond your fontrol or for any delays caused by unavailability of parts or delays in parts shipments by the supplier or transporter. I hereby grant you and/or your employees permission to operate the vehicle herein described on streets, highways or elsewhere for the purpose of testing and/or inspection. Any express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs thereto.

TERMS CASH: UNLESS ARRANGEMENTS MADE

X

AUTHORIZATION FOR INSURANCE COMPANY TO REPRESENT CONSTUMER AS THE VCHIEL REPAIR

The undersigned Customer hereby nominates and appoints the Insurance Company named its agents, employees or adjusters his/her authorized agent (Agent") granting the Agent authority to contract, sente, adjust and compromise on his/her behalf of repairs to his/her Vehicle at Art Moran Buick-GMC, Inc. Repair Facility Further, pursuent to the Michigan Motor Vehicle Service and Repair Act the Customer hereby delegates said Agent authority to authorize and/or approve any additional repairs required to the Vehicle received oh his/her behalf all documents (including the original estimate and final invoice) and either receive or decline the return of parts.

CUSTOMER SIGNATURE

DESCRIPTION	TOTALS
LABOR AMOUNT	0.00
PARTS AMOUNT	0.00
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	0.00
MISC. CHARGES	0.00
TOTAL CHARGES	0.00
LESS INSURANCE	0.00
SALES TAX	0.00
PLEASE PAY THIS AMOUNT	0.00

Copyright 2000 ADP, Inc. SERVICE INVOICE TYPE 2 - SI2C

CUSTOMER COPY

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

CHECK No. [redacted] 50-937 / 213

VOID VOID VOID

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Connecting.....A live chat agent is now entering the chat.

Caller English

System [3:34:37 PM]:

Welcome to chat.

Asia [3:34:52 PM]:

Thank you for contacting GM Customer Assistance, [redacted]. Your safety is very important to us at GM, so please remember to not use any hand held device whenever you're driving. My name is Asia, how can I assist you today?

[redacted] [3:37:16 PM]:

I have had two instances where my wipers froze on rainy, foggy days. Luckily I was not hurt, but it was a close call this last time. My car is being repaired now at a cost of over $450.00. What incentive is there for me to but another Equinox? I like the car, but am afraid to try for a third wiper failure.

Asia [3:39:13 PM]:

I am sorry to hear that you have had multiple concerns with your wipers freezing. We are happy to hear that you were not hurt due to this concern. May I ask what was repaired on the vehicle for the wiper concern?

[redacted] [3:40:32 PM]:

Both times the technician said that the ball and socket were defective. This last time I was an hour from my home and now I must return tomorrow or the next day. This is frustrating.

Asia [3:43:10 PM]:

Thank you for that information. I would like look further into repairs. To do so can you please provide me with your VIN and current mileage?

[redacted] [3:44:30 PM]:

2GNALDEK3D6[redacted] and it has about 69,000 miles. I am going to trade it kin when this whole fiasco is over because I don't trust driving this can anymore.

Asia [3:45:11 PM]:

Thank you.

Asia [3:45:55 PM]:

Were you charged for the first repair?

[redacted] [3:47:49 PM]:

Yes, but when I contacted the recall center, they said it was not yet in the system for repair bills. (Sorry for the misspelled words, but I was really rattled when this last incident occurred yesterday)

Asia [3:48:44 PM]:

I understand and you are just fine. These repairs were completed at a GM dealership?

[redacted] [3:49:50 PM]:

One was at a Firestone dealer and the other is at a chevy dealership in Shippensburg, Pa. an hour away from here.

Asia [3:50:33 PM]:

Was the first repair preformed at Firestone?

[redacted] [3:50:43 PM]:

Yes

Asia [3:52:06 PM]:

Thank you. We will not be able to see any repairs that were not preformed at a GM dealership. What is the name of the dealership that is currently repairing the windshield wipers?

[redacted] [3:53:42 PM]:

H and H Chevrolet 730 East King Street, Shippensburg, PA 17257

Asia [3:54:35 PM]:

Thank you. I would first like to document your concern into our system.

Asia [3:54:40 PM]:

Can you please verify your first and last name, phone number, e-mail address, and mailing address?

[redacted] [3:56:40 PM]:

[redacted] 717-630-0718

[redacted] [3:56:52 PM]:

[redacted]

[redacted] [3:56:58 PM]:

[redacted]

[redacted] [3:57:07 PM]:

[redacted]

Asia [3:57:49 PM]:

Thank you for this information.

Asia [4:00:35 PM]:

I have documented your concern and your reference number is 8-[redacted] I do see that you have been informed that when there is a repair for the Windshield Wiper recalls associated with your vehicle you may submit for reimbursement. At this time if you are interested in looking into incentives on getting into a new Equinox, I would be happy to transfer you to our Marketing Support team.

Asia [4:01:05 PM]:

Our Marketing Support Team assist customers with locating vehicle and different incentives avaliable in there area.

[redacted] [4:02:06 PM]:

Do I submit the bills after I have paid for them? To whom do I address this matter?

Asia [4:03:01 PM]:

Once there is a remedy for this recall you will be sent a letter. This letter will also provide you with further instructions on how to submit for reimbursement.

Jeanne Smith [4:04:21 PM]:

That could take months! That leaves me with quite a bill for now... This is not satisfactory as now I have two bills outstanding. Can't anything be done?

Asia [4:07:43 PM]:

The dealership quoted you $450 for the current repair being preformed by them, is that correct?

[redacted]4:08:48 PM]:

Yes, that was the preliminary bill based on what he knew yesterday. I won't have the final bill until I pick up my car.

Asia [4:09:31 PM]:

Please allow me 3-5 minutes to further research.

[redacted] [4:09:55 PM]:

okay. I need to start supper anyway!

Asia [4:12:47 PM]:

Thank you for holding. After reviewing the recall letter that was sent out. There is no reimbursement avaliable until there has been a remedy made avaliable for the recall.

[redacted] 4:15:32 PM]:

This makes no sense. Not your fault but I and many others are paying out a lot of money in hope of a future reimbursement. This is not a good policy that makes me want to purchase another Equinox or other car from this company. Who can I contact now???

Asia [4:19:00 PM]:

I do apologize, but at this time this is all of the information that is avaliable. I would not have anyone to direct you to that would be able to change this determination.

[redacted] [4:21:28 PM]:

I hate to do this, but I am going to take this to the local TV station that checks into situations like this. I cannot in good faith wait until your company that it will find a fix for this. Wonder how many other people are in this same boat. Again not your fault, but this is wrong!

Asia [4:22:38 PM]:

I do understand your concern and I do apologize that there is not a remedy avaliable at this time.

[redacted] [4:23:13 PM]:

Thanks for your help but I need to take this further.

Asia [4:23:25 PM]:

You're welcome, was there anything else that I can assist with today?

[redacted] [4:25:46 PM]:

Not unless you know of a solution!

Asia [4:27:12 PM]:

I do apologize, but I have provided all of the information that I have for this concern.

Asia [4:30:21 PM]:

You're welcome. I'm glad I could help during your visit today. Please don't hesitate to come back and chat with us. We are here to chat Monday through Friday from 8:00 a.m. to 11:00 p.m., and Saturday from 9:00 a.m. to 11:00 p.m. Eastern time. Have a great day

Connecting... An agent will be with you shortly.

Caller English

System [4:15:46 PM]:

Welcome to chat.

Jasmine [4:15:55 PM]:

Your safety is very important to us at Chevrolet, so please remember to not use any hand held device whenever you're driving. Thank you for contacting Chevrolet Customer Assistance, [redacted] My name is Jasmine. How may I assist you today?

[redacted] [4:16:19 PM]:

Question regarding my 2013 Equinox and a recall on it.

Jasmine [4:16:35 PM]:

May I have your question?

[redacted] [4:17:34 PM]:

Twice the wipers failed to work in a driving rain. I was paid for the second repair but not the first. I was told it would be studied and I would get a reply. Can you find it in your files?

Jasmine [4:18:18 PM]:

We are sorry to hear that you are having a concern with the wipers. I would be more than happy to look into this for you. May I please have your VIN and mileage?

[redacted] [4:19:25 PM]:

VIN 2GNALDEK3D6[redacted] mileage was 60,909

Jasmine [4:20:32 PM]:

Thanks! I see that the recall is still open on your vehicle for the Front Wiper Transmission corrosion Failure. Did you contact us before about a possible reimbursement?

[redacted] [4:22:00 PM]:

Several times! I wrote a letter with all of the bills included and I called to check on this many times. I was told they only pay for one repair per recall. This happened twice and I would like to be paid for both repairs.

Jasmine [4:23:02 PM]:

I have located your case. Your case number is 8-[redacted]. Please allow me 3-6 minutes to review your case.

[redacted] [4:23:20 PM]:

Sure.

Jasmine [4:29:40 PM]:

Thanks for holding! Within your case, I see that you were provided reimbursement by the dealership for this concern. Are you seeking reimbursement for the repair that was completed by the independent shop?

[redacted] [4:31:04 PM]:

Yes. The first time this happened I needed a repair quickly and the Firestone store fixed it. They also put new wipers in. This evidently is the question your company cannot figure out.

Jasmine [4:32:49 PM]:

We apologize that this has happened with your vehicle. Regretfully, there will not be any reimbursement as the dealership has already reimbursed you. We understand that this is not what you want to hear. What I will do is document your contacting us and notify the owning agent working your case.

Jasmine [4:35:12 PM]:

Are you still there?

[redacted] [4:35:34 PM]:

The dealership (an hour away from where I live) did indeed reimburse me. On 6/29/17 when I called in to your company, I was told that the hangup with the second reimbursement was whether they would pay for the new wipers or not. The remaining bill seemed to be something that would be paid. Hmmm.

Jasmine [4:36:45 PM]:

I will make sure to place this information within your case and let your owning agent know that you would still like to be considered for a second reimbursement consideration.

[redacted] [4:37:35 PM]:

Who is the owning agent? When could I reasonably expect to hear from him/her?

Jasmine [4:38:46 PM]:

The owing agent is Marlou. Marlou may be in contact with you within 1-2 business days. What would be the best phone number and time to contact you?

[redacted] [4:39:15 PM]:

either [redacted] or [redacted]

Jasmine [4:39:24 PM]:

Thanks! Anything else?

[redacted] 4:39:47 PM]:

Thanks for your help.

Jasmine [4:39:56 PM]:

You're so very welcome! If you have additional questions or concerns, please feel free to contact us again. We are here to chat Monday through Friday from 8:00 a.m. to 11:00 p.m. and Saturday from 9:00 a.m. to 11:00 p.m. Eastern Standard Time. You may call us at 1-866-790-5600. Thank you for visiting!

Call Disconnected.

[redacted]

HARRISBURG PA 171

29 APR 2017 PM 2 L



Chevrolet Safety Recall Center
P.O. Box 909959
Milwaukee, WI 53209-9989

RECEIVED JUN 07 2017

53209-898989 [redacted]

General Motors Product Field Action
Customer Reimbursement Request Form

(please print)

Customer Name: [redacted]

Street Address or P. O. Box Number: [redacted]

City: [redacted] State: [redacted] Zip Code: [redacted]

Daytime Telephone Number (include Area Code) [redacted]

Evening Telephone Number (include Area Code) [redacted]

Date Request Form and Supporting Documentation Submitted to Dealer: _____

Vehicle Identification Number of Involved Vehicle: 2GNALDEK3DG[redacted]
(17 Characters)

Mileage at Time of Repair: 60,909 Date of Repair: 6/24/16

Amount of Reimbursement Requested: $ 347.63

THE FOLLOWING DOCUMENTATION MUST ACCOMPANY THIS REQUEST FORM.

Original or clear copy of all receipts, invoices and/or repair orders that show:

- The name and address of the person who paid for the repair.
- The Vehicle Identification Number (VIN) of the vehicle that was repaired.
- Description of problem, the repair performed, date of repair and who performed the repair.
- The total cost of the repair expense that is being requested.
- Proof of payment for the repair in question and the date of payment.

My signature to this document attests that all attached documents are genuine and I request reimbursement for the expense I incurred for the repair covered by this letter.

Customer's Signature: [redacted]

Submit this request form and the required documents to your GM dealer for processing. All reasonable and customary costs to correct the condition described in the letter that came with this form will be considered for reimbursement. If your request is approved, you will receive a check from your dealer. If your request is denied, you will receive a written explanation for the denial from your dealer. If your request is incomplete, your dealer will advise you what documentation is needed to complete the request and offer you the opportunity to resubmit the request when the missing documents are available. If you have any questions about this process or have waited 30 or more days for a response from your dealer, please contact the GM Customer Assistance Center at 1-800-204-0261.

This section to be completed by dealer (please print)

Bulletin No.: _____ Request Approved: ____ Date: _____ Amount: $_____

Request Denied: ____ Date: _____ Reviewed By: _____

Reason: _____

If denied, please provide a copy of this form to the customer and retain original for your files

Customer Invoice
[redacted]
06/22/2016

FIRESTONE COMPLETE AUTO CARE
HANOVER PA
395 EISENHOWER DRIVE
HANOVER, PA. 17331-5219

Service Advisor:
04 STEVE
717.630.1009

[redacted]

2013 CHEVROLET EQUINOX LT [BLUE]
2.4L L4 FI GAS VIN K DOHC
Lic #: [redacted] **Vin #:** 2GNALDEK3D[redacted]
In: 06/22/16 2:42PM **Mileage:** 60,909
Out: 06/22/16 3:30PM

Store # [redacted]

RETAIL SALE

Description	Rev Hist /Article #	ID	Qty	Unit Price	Extended Price	Job Total
MISCELLANEOUS INSPECTION		04				**52.50**
WIPER BLADES WHERE ON THEN JUST STOPPED						
CHECK INOP WIPER BLADES	7003186	07TS	1	52.50	52.50	
DEXOS / SPECIALTY OIL CHANGE UP TO 5 QTS		04				**32.98**
5.0 QTS.						
API - SAE 5W-30						
The Manufacturer recommends an Oil Change based on mileage of [Driving Conditions ALL] 7500 miles...See Owner's manual for specific requirements.						
PZ58 OIL FILTER TF3244	7004915	07TN	1	4.99	4.99	
5W-30 PZL GLD DEXOS CERTIFIED OIL UP TO	7034637	07TN	1	35.00	35.00	
DEXOS - SPECIALTY OIL CHANGE LABOR	7034604	07TS	1	5.00	5.00	
USED OIL FILTER RECYCLING CHG (1)	7075051	07TN	1	2.99	2.99	
PRT-DISC $19.99 Standard Oil Change (Up to 5 QTS)	7001674	07T	-1	12.50	-12.50	
LBR-DISC $19.99 Standard Oil Change (Up to 5 QTS)	7001674	07T	-1	2.50	-2.50	
COURTESY CHECK		04				
Ed-18 Battery Inspection Results:Battery was not tested.						
COURTESY CHECK	7046930	07TS	1	N/C	N/C	

Technician(s):
07 DAVID R

Payment History:

ECA Check	4214	94.17	7283
Total Tendered		94.17	

Summary:

Parts	27.49
Labor	57.99
Shop Supplies	3.36
Sub-Total	88.84
Tax (6.00%)	5.33
Total	$94.17

I have received the above goods and/or services. If this is a credit card purchase, I agree to pay and comply with my cardholder [redacted]

[redacted]
Customer Signature

7ne 2:00

COPY

All parts are new unless otherwise specified.

Declined Work:
WIPER BLADES, ARMS & MOTORS (Front-Both)

HOW ARE WE DOING?
Tell us about your experience today!
Complete a 4-minute survey for a chance to win $500 in store services
Visit www.FirestoneSurvey.com within 4 days and enter Code 321992-100165

Customer Invoice
[redacted]
06/24/2016

FIRESTONE COMPLETE AUTO CARE
HANOVER PA
395 EISENHOWER DRIVE
HANOVER, PA. 17331-5219

Service Advisor:
04 STEVE
717.630.1009

[redacted]

2013 CHEVROLET EQUINOX LT [BLUE]
2.4L L4 FI GAS VIN K DOHC
Lic #: [redacted] Vin #: 2GNALDEK3D6[redacted]
In: 06/24/16 10:44AM Mileage 60,944
Out: 06/24/16 12:03PM

Store # [redacted]

RETAIL SALE

Description	Rev Hist /Article #	ID	Qty	Unit Price	Extended Price	Job Total
WIPER BLADES, ARMS & MOTORS (Front-Both)		04				271.49
40-1107 REMANUFACTURED WIPER MOTOR	7003130	07TN	1	155.99	155.99	
REMOVE & REPLACE WIPER MOTOR - FRONT	7003348	07TS	1	115.50	115.50	
INSPECTION						
FROM PRIOR INSPECTION						

Technician(s):
07 DAVID R

Payment History:

ECA Check	4215	295.13	7927
Total Tendered		295.13	

Summary:

Parts	155.99
Labor	115.50
Shop Supplies	6.93
Sub-Total	278.42
Tax (6.00%)	16.71
Total	$295.13

52.50
$347.63

I have received the above goods and/or services. If this is a credit card purchase, I agree to pay and comply with my cardholder agreement with the issuer.

[redacted]
Customer Signature

*All parts are **new unless otherwise specified.***

COPY

HOW ARE WE DOING?
Tell us about your experience today!
Complete a 4-minute survey for a chance to win $500 in store services
Visit www.FirestoneSurvey.com within 4 days and enter Code 321992-100206

www.FirestoneCompleteAutoCare.com

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Current Service Request Activity

Service Request Details

SR No.	8[redacted]	**Ref No.**		**Cost Ast.**	No Goodwill Offered	**BRC Type**	N/A
Account		**Site/BAC**		**GW SubType**		**Bus. Unit**	CCC - CAC Tier 2
Address	[redacted]			**Approval**	Not Initiated	**Area**	RFI Recall
City	[redacted]	**Zip** [redacted]	**State** [redacted]	**UCC**	Electrical - Power Windshield Wiper - Motor / Blades / Arms	**Sub-Area**	25302 Front Wiper Corrosion
Last Name	[redacted]	**First Name**	[redacted]	**Involved Dlr**	Graff Chevrolet-Okemos, Inc.	**Safety**	No
Daytime #	[redacted]	**Evening #**	[redacted]	**Source**	Phone	**Updated**	Apr 24, 2017 11:05 AM
Serial/VIN #	2GKALMEK4D6[redacted]	**Mileage**	96071	**Priority**	Medium	**Owner**	RZPZ82
Model	Terrain	**Model Year**	2013	**Status**	Open	**Opened**	Apr 24, 2017 10:14 AM
Make	GMC	**Warranty Start**	Jan 9, 2013 12:00 AM	**Sub Status**		**Closed**	
Cust Concern	Reimbursement 25302						
Customer Description							

GMPP Details

GMPP Term	GMPP Mileage	GMPP Retail Cost

Component Coverage

Component Coverage	Expiration Mileage	Expiration Date

Certificate Details

Certificate Number	Amount	Expiration Date

Pre-Authorization Basics

Service Dealer	BAC Code	Div. Dealer Code	Repair Order #

Reimbursement Check Details - Multiple Customer Payees on a Single Check will NOT be displayed

Payable Line 1	Payable Line2	Check #	Print Date	Check Amoount	Status	Issue 1099	Tax Id

Warranty Policy	Account Type	Parts / Labor	Warranty Model	Account Code

Payee (Customer) Last Name	Payee (Customer) First Name	Payee (Customer) Account Name	Payee (Customer) BAC

Payee (Account) Name	Payee (Account) BAC

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
04/24/2017 10:14:34	RZPZ82	RZPZ82	SR Data Share		Open		

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Generated by rzpz82

Customer states that she did took vehicle back in Sept to the dlr for the wiper issue, she said she was told that there would be a recall regarding the concern. [redacted] said she receives a letter for recall 25302 and the dlr did submit for a reimbursement and it has been denied. Customer seeks to get reimbursed. SA let her know I will reach out to the dlr to get more information.	

UCC Information

UCC Code	Description	Symptom
N51	Electrical - Power Windshield Wiper - Motor / Blades / Arms	No Symptom Indicated

End of Report

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

CHECK NO. [redacted] 50-937 213

VOID VOID VOID VOID VOID VOID VOID

DATE 02/14/18

464 DOLLARS 45 CENTS AMOUNT 464.45

NOT VALID AFTER 180 DAYS FROM DATE

PAY TO THE ORDER OF [redacted]

JPMorgan Chase Bank N.A
Syracuse, New York

AUDIT

General Motors LLC
Disbursement Account
[redacted]

[redacted]

VENDOR DUNS NO. BB 000000092

1

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

DETACH BEFORE DEPOSITING CHECK.
CHECK NO [redacted]

VENDOR NAME [redacted]

PAYMENT DATE 02/14/18

REGISTER NO. / DESCRIPTION	INVOICE DATE	DOC. REFERENCE NUMBER	% DISC	INVOICE AMOUNT	DISC. AMOUNT	NET AMOUNT
2GKALMEK4D6 [redacted]	[redacted]	[redacted]	00.0000	464.45	.00	464.45

VOID VOID VOID VOID VOID VOID VOID

ACCEPTANCE OF THIS CHECK CONSTITUTES FULL RESOLUTION FOR REIMBURSEMENT\OR QUESTIONS CALL 800-462-8782

W3

TOTAL	464.45	.00	464.45

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Connecting... An agent will be with you shortly.

Caller English

System [4:01:44 PM]:

Welcome to chat.

Brandon [4:01:58 PM]:

Thanks for contacting GMC Customer Assistance, my name is Brandon. How can I assist you today [redacted]

[redacted] [4:02:46 PM]:

Hello, I would actually like a phone number for a supervisor, as in a very high up supervisor regarding a recall and repair that was made and the fact that we are waiting on a refund and nobody knows what is going on.

[redacted] 4:03:31 PM]:

I have never been so angry.

Brandon [4:03:57 PM]:

I would be happy to assist you and we do apologize for the wait for a refund for your vehicle. May you please provide me your VIN number, mailing address and current mileage?

[redacted] [4:04:24 PM]:

2GNFLPE34D6[redacted]

Brandon [4:06:32 PM]:

Thank you for the information.

[redacted] [4:08:18 PM]:

We had the repair done over a year ago, we were almost killed driving in a horrible storm when the wipers stopped working due to the transmission. We were then told we had to wait for parts last year even though we had already paid to have it fixed. It has been to a dealer that has verified it was originally fixed. I have been dealing with the customer service line for almost 30 days, everyone says they don't know, the case was closed, we don't have the paperwork, yet the dealer here sent it on May 5th and I faxed it and emailed.

[redacted] [4:08:30 PM]:

This is NOT acceptable

Brandon [4:08:40 PM]:

I do see that you have a Senior Advisor whom is assisting on the case at this time. What I can do is notify your advisor to contact you to provide you with an update with your case for reimbursement. I do apologize and understand how frustrating this situation can be.

Brandon [4:09:54 PM]:

Was the reimbursement filled at the dealership or did you mail the reimbursement in?

[redacted] [4:09:57 PM]:

I don't think anyone understands how frustrating it has been. I have left messages for the senior advisor. I have spoken to 14 senior advisors and nobody knows the answer so therefore I want someone whom is going to give me an answer

[redacted] [4:10:32 PM]:

It was filled out at the dealership and sent by them and then by me to the fax number and then by me via email where they told me to send it

Brandon [4:11:32 PM]:

What is the name of the dealer that is assisting you?

[redacted] [4:11:38 PM]:

The dealership here told me when they log in they can see that the paperwork was sent and that I am getting the run around. We paid for this out of pocket over a year ago, also I am not sure anyone is understanding that 3 of us almost died

[redacted] [4:11:57 PM]:

Myrtle Beach Chevrolet

Brandon [4:13:27 PM]:

I apologize for the frustrations and I understand. We are glad that your safe at this time and apologize for the wiper failure.

Brandon [4:13:35 PM]:

Thank you for the name of the dealer.

Brandon [4:14:08 PM]:

May you please allow me 2-3 minutes to look over the case?

[redacted] [4:14:40 PM]:

Sure

Brandon [4:17:13 PM]:

Thank you for your patience [redacted]

Brandon [4:18:12 PM]:

What I can do is have your Senior Advisor Rasheedah contact you within 1-2 business days to provide you with an update on the case and I have notified her as well of this chat.

Brandon [4:18:19 PM]:

[redacted] is there anything else that I can do to further assist you with or do you have any additional questions?

Brandon [4:19:37 PM]:

RaSheedah has received your paperwork and she would need to process the reimbursement.

[redacted] [4:19:41 PM]:

Ok, so you cannot help me. What you can do is give me the next person in charge so I can contine to try and get an answer for myself

[redacted] [4:20:01 PM]:

She said she doesn't process the refund

[redacted] [4:20:17 PM]:

so as you can see I keep getting told different things

[redacted] [4:20:57 PM]:

so, please give me a contact name and number for someone. I have reached the point of getting someone else involved that will handle this for us

Brandon [4:21:40 PM]:

That information is from Rasheedah due to her being in another department. I can notify for my supervisor to get in touch with you.

Brandon [4:22:15 PM]:

I'm sorry, I can have my supervisor get in touch with her supervisor so that he or she may contact you in regards to the case.

[redacted] [4:22:24 PM]:

If that is who can help

[redacted] [4:22:52 PM]:

Thank you

Brandon [4:23:17 PM]:

RaSheedah is working with the dealer to resolve the concerns, so the process can take time to provide you with a reimbursement and we do apologize for the wait.

Brandon [4:23:45 PM]:

You're welcome and let me notify RaSheedah as well and my supervisor of your concerns.

Brandon [4:23:53 PM]:

[redacted] is there anything else that I can do to further assist you with or do you have any additional questions?

[redacted] [4:24:21 PM]:

Not really sure of any concerns other than that it broke, we had it fixed and now want to be reimbursed. Thank you and have a good day

Brandon [4:24:43 PM]:

You're welcome and thanks for contacting GMC Customer Assistance. If you have additional questions, please feel free to contact us again. We are here to chat Monday through Friday from 8:00 a.m. to 11:00 p.m. and Saturday from 9:00 a.m. to 11:00 p.m. Eastern Standard Time. You may also call in at 1-866-790-3600.

Call Disconnected.

Connecting... An agent will be with you shortly.

Caller English

System [1:13:11 PM]:

Welcome to chat.

Kimberly [1:13:24 PM]:

Thanks for contacting GM Customer Assistance! Your safety is very important to us at GM, so please remember to not use any hand held device whenever you're driving. My name is Kimberly. How can I assist you today?

Kimberly [1:14:47 PM]:

Thank you for chatting in with us. How can I assist you?

[redacted] [1:14:59 PM]:

Hello, I would like to have a phone number for a customer service issue for a manager/owner or anything else

Kimberly [1:15:51 PM]:

I'm sorry to hear you are experiencing an issue regarding service. Can you please confirm the contact information you provided prior to our chat session is correct?

[redacted] [1:16:02 PM]:

I am not getting an answer for a refund, I have a paper signed by the dealer stating the refund is due to us and GM is giving us the run around, the dealer has stated we are getting the run around and we are prepared to get an attorney involved

[redacted] [1:16:14 PM]:

[redacted]

[redacted] [1:16:20 PM]:

[redacted]

Kimberly [1:17:06 PM]:

Thank you.

Kimberly [1:17:22 PM]:

You may contact us by phone at 1-800-222-1020 for further assistance.

[redacted] [1:18:10 PM]:

That is the number I have been calling, I have spoken to 14 people and 5 being a "supervisor", I want the number of someone that is actually going to take care of this issue

Kimberly [1:19:36 PM]:

I'm sorry to hear that you have not been able to receive a resolution. You have been speaking with Corporate. That is the only number that I have available. I will be glad to document your concerns with us. Have you been provided with a reference number?

Kimberly [1:22:46 PM]:

Are you still there?

[redacted] [1:25:02 PM]:

8-[redacted]

Kimberly [1:26:33 PM]:

Thank you.

[redacted] [1:26:44 PM]:

We will get in touch with our attorney

Kimberly [1:26:51 PM]:

Please allow me 4-6 minutes to research this for you.

Kimberly [1:29:43 PM]:

Thank you for your patience.

Kimberly [1:30:16 PM]:

I see that you have a Senior Advisor assigned to your case. Did you speak with your advisor today?

[redacted] [1:30:22 PM]:

Yes

Kimberly [1:31:30 PM]:

Okay. I will be glad to notify her that you contacted us. She will be in the best position to assist you with your case as she is working with the dealership to come to a resolution.

Kimberly [1:34:13 PM]:

I am still available to help you with any questions; I just want to make sure you are still there.

[redacted] [1:36:43 PM]:

You dont need to contact her, it seems if I do all the work for GM I get answers

[redacted] [1:37:18 PM]:

I spoke to the dealer just now and he said nobody has bothered to call them when the "senior supervisor" informed me she was placing me on hold and calling him

[redacted] [1:37:31 PM]:

We are aware of what steps need t be taken

[redacted] [1:37:38 PM]:

thank you and have a great day

Kimberly [1:37:55 PM]:

I'm glad I could help during your visit today. Please don't hesitate to come back and chat with us. We are here Monday through Friday from 8:00 a.m. to 11:00 p.m., Saturday from 9:00 a.m. to 11:00 p.m. Eastern time.

Call Disconnected.

Attn: General Motors/Reimbursement Dept.

Please find following our Reimbursement request form. The original repair last year in April after we almost got in a severe car accident in a bad storm due to this malfunction, a copy of the current form/invoice from the dealer here that confirmed the part had been replaced. The dealer stated that the part # had been updated from last year, however it is the transmission on the front wiper. We are expecting a full reimbursement of the repair, this could've ended tragically.

Sincerely,

[redacted]

Case # [redacted]

General Motors -

We would like a full refund of the amount paid for repairs. We were driving in a really bad storm when the wipers got stuck over the side of the car due to the transmission on the wipers. We were told this had happened to others. Thank God we were able to safely drive through the storm by watching out the side windows since we couldn't see anything without wipers. this malfunction could've been

5-5-17 [redacted]

General Motors Product Field Action
Customer Reimbursement Request Form

by customer (please print)

Customer Name: [redacted]

Street Address or P. O. Box Number: [redacted]

City: [redacted] State: [redacted] Zip Code: [redacted]

Daytime Telephone Number (include Area Code): [redacted]

Evening Telephone Number (include Area Code): [redacted]

Date Request Form and Supporting Documentation Submitted to Dealer: 5-5-17

Vehicle Identification Number of Involved Vehicle: 2GNFLPE34D6[redacted]
(17 Characters)

Mileage at Time of Repair: 67084 Date of Repair: 4-22-16

Amount of Reimbursement Requested: $ 345.06

THE FOLLOWING DOCUMENTATION MUST ACCOMPANY THIS REQUEST FORM.

Original or clear copy of all receipts, invoices and/or repair orders that show:

- The name and address of the person who paid for the repair.
- The Vehicle Identification Number (VIN) of the vehicle that was repaired.
- Description of problem, the repair performed, date of repair and who performed the repair.
- Proof of payment for the repair in question and the date of payment.

My signature to this document attests that all attached documents are genuine and I request reimbursement for the expense I incurred for the repair covered by this letter.

Customer's Signature: [redacted]

Submit this request form and the required documents to your GM dealer for processing. All reasonable and customary costs to correct the condition described in the letter that came with this form will be considered for reimbursement. If your request is approved, you will receive a check from your dealer. If your request is denied, you will receive a written explanation for the denial from your dealer. If your request is incomplete, your dealer will advise you what documentation is needed to complete the request and offer you the opportunity to resubmit the request when the missing documents are available. If you have any questions about this process or have waited 30 or more days for a response from your dealer, please contact the GM Customer Assistance Center at 1-800-204-0261.

This section to be completed by dealer (please print)

Bulletin No.: _____ Request Approved: ____ Date: _____ Amount: $_____

Request Denied: ____ Date: _____ Reviewed By: _____

Reason: _____

If denied, please provide a copy of this form to the customer and retain original for your files

CHEVROLET
DARLINGTON • HARTSVILLE
www.racewayautomotive.com

RACEWAY CHEVROLET
1510 S. 5th St. • P.O. Box 820
Hartsville, SC 29551
Ph. 843-332-0185 • Fax. 843-332-5950

RO	VIN			DATE IN
[redacted]	2GNFLPE34D6[redacted]			04/22/16
YEAR	MAKE	MODEL	COLOR	TIME IN
2013	CHEVROLET	EQUINOX LT	TUNGSTEN O	15:58
MILES IN	MILES OUT	FIRST USE	LISC.	CLOSED 16:58
67084	67084	00/00/00	SC	04/22/16
SEE ALSO		00/00/00		WRITER

(1) CS: WIPERS INOP.
FOUND POWER AND GROUND GOOD. REMOVED WINDSHIELD COWL AND FOUND WIPER GEAR BROKE. INSTALLED NEW WIPER TRANSMISSION AND RECHECKED OPERATION. WIPERS NOW WORK.
(17- PHIL-) A

Labor	T17		148.50
25948436	(TRANSMISSION)	1	175.00
Total Labor			148.50
Total Parts			175.00
Total Repair (Customer)			323.50



Thank you for choosing Raceway Automotive for all your service needs!

I hereby agree to the work that has been performed on my vehicle and that it is to my satisfaction.

X
CUSTOMER'S SIGNATURE

DISCLAIMER OF WARRANTIES
Any warranties on the product sold hereby are those made by the manufacturer. The seller hereby expressly disclaims all warranties either expressed or implied, including any implied warranty of merchantability of fitness for a particular purpose, and neither assumes nor authorizes any person to assume for it any liability in connection with the sale of said products. Any limitation contained herein does not apply where prohibited by law.

	W/C	INT		CUSTOMER
		.00	Labor	148.50
		.00	Parts	175.00
		.00	Sublet	.00
		.00	Waste Dispos	7.00
		.00	Oil/Grease	.00
		.00	Sub Total	330.50
		.00	Tax	14.56
		.00	Total (Cash)	345.06

[redacted] [redacted] Job [redacted]

Customer Copy
Labor Rate 99.00

Myrtle Beach CHEVROLET
d.b.a. Myrtle Beach Cadillac

1785 HWY 501 • P.O. BOX 425
MYRTLE BEACH, SC 29577
(843) 448-3105 (800) 688-3105
24 HOUR EMERGENCY
SERVICE: (843) 946-9829

GM QUALITY SERVICE/PARTS GM
GENERAL MOTORS CORPORATION

Cadillac

CELL: [redacted]

[redacted]

ADVISOR: MATTHEW TAYLOR 2468	TAG NO: [redacted]		INVOICE DATE: 05/05/17	INVOICE NO: [redacted]
LABOR RATE	LICENSE NO.	MILEAGE: 88,799	COLOR: /	
YEAR / MAKE / MODEL: 13/CHEVROLET TRUCK/EQUINOX/4DR FWD			DELIVERY DATE	DELIVERY MILES
VEHICLE I.D. NO: 2 G N F L P E 3 4 D 6 [redacted]			SELLING DEALER NO	PRODUCTION DATE
F.T.E. NO	P.O. NO.		R.O. DATE: 05/05/17	
COMMENTS				

MO: [redacted]

LABOR & PARTS----------

J# 1 16CVZ RECALL OR CAMPAIGNS TECH(S):2594 WARRANTY

RECALL 25302 FRONT WIPER TRANSMISSION CORROSION FAILURE
9102504
.5
COMPLETED

PARTS	QTY	FP-NUMBER	DESCRIPTION	LIST PRICE-UNIT PRICE-	
JOB # 1	1	15259076	PLUG 10.571 0		WARRANTY
JOB # 1	1	84241847	MODULE 10.150 0		WARRANTY
				JOB # 1 TOTAL PARTS	0.00
				JOB # 1 TOTAL LABOR & PARTS	0.00

TOTALS----------

GOODWRENCH SERVICE PLUS.
PARTS DESIGNATED WITH AN ASTERISK (*) INDICATES LIMITED
LIFETIME SERVICE GUARANTEE APPLIES FOR CUSTOMER PAY REPAIRS.
THANK YOU FOR YOUR BUSINESS!

START SAVING NOW! DOWNLOAD THE SMARTPHONE APP!

TOTAL LABOR....	0.00
TOTAL PARTS....	0.00
TOTAL SUBLET...	0.00
TOTAL G.O.G....	0.00
TOTAL MISC CHG.	0.00
TOTAL MISC DISC	0.00
TOTAL TAX.....	0.00
TOTAL INVOICE $	**0.00**

CUSTOMER SIGNATURE

WARRANTY DISCLAIMER

Any warranties on the item/items sold hereby are those made by the manufacturer. The seller, Myrtle Beach Chevrolet, hereby expressly disclaims all warranties, either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and Myrtle Beach Chevrolet neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this item/items.

ALL GENERAL MOTORS PARTS AND LABOR ARE GUARANTEED FOR 12 MONTHS OR 12,000 MILES, WHICHEVER OCCURS FIRST.

DEALER IS NOT RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR ARTICLES LEFT IN VEHICLE IN CASE OF FIRE, THEFT, OR ANY OTHER CAUSE BEYOND OUR CONTROL OR FOR ANY DELAYS CAUSED BY THE UNAVAILABILITY OF PARTS OR DELAYS IN PARTS SHIPMENTS BY THE SUPPLIER OR TRANSPORTER.

GM Parts

THANK YOU
FOR YOUR BUSINESS!

PLEASE SEE REVERSE SIDE

The Reynolds and Reynolds Company ERAINTINJE CC719703 Q (06/16)

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

CHECK NO. [redacted] 50-937/213

DATE 06/12/17 | 345 DOLLARS | 06 CENTS | AMOUNT 345.06

NOT VALID AFTER 180 DAYS FROM DATE

PAY TO THE ORDER OF [redacted]

JPMorgan Chase Bank N.A.
Syracuse, New York

AUDIT

General Motors LLC
Disbursement Account [redacted]

SIGNATURE

[redacted]

VENDOR DUNS NO BB 000000054
VENDOR NAME [redacted]

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

DETACH BEFORE DEPOSITING CHECK
CHECK NO [redacted]
PAYMENT DATE 06/12/17

REGISTER NO / DESCRIPTION	INVOICE DATE	DOC	REFERENCE NUMBER	% DISC	INVOICE AMOUNT	DISC AMOUNT	NET AMOUNT
2GNFLPE34D6 [redacted]	06/09/17	VM	[redacted]	00.0000	345.06	.00	345.06

ACCEPTANCE OF THIS CHECK CONSTITUTES FULL RESOLUTION FOR REIMBURSEMENT OR QUESTIONS CALL 800-462-8782

W3

TOTAL 345.06 .00 345.06

1 - 7IKUX00100104- E9334C

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

From: [redacted]
Sent: Wednesday, June 14, 2017 10:23 PM
To: Mary T. Barra <mary.barra@gm.com>
Subject: [EXTERNAL] Complaint About Recall Process
Importance: High

Dear Ms. Barra,

I have been a proud owner of several GM automobiles since I bought my Pontiac Grand Am in 1993. Unfortunately, the recent experience I had as a result of recall 25302 (front wiper transmission corrosion failure on my Chevy Equinox) has left me greatly disappointed and wondering if I want to purchase any more GM Cars.

Back in June of 2016, the driver's side windshield wiper stopped working while I was driving. Fortunately, I was able to get home safely and have the front wiper linkage assembly replaced by Acorn Tire (please refer to the attached invoice in the amount of $423.46).

When I received my recall notice from Chevy, I promptly scheduled a vacation day and took my car in to get it checked on May 8, 2017. At that time, I submitted the attached invoice and was told it would be a few weeks before I received my reimbursement. To my dismay, I only received a check in the amount of $164.00.

I proceeded to contact Castle Chevy and received the attached E-mail from Gus Medina, Internet Director. He said he would be contacting me but I never heard from him so I followed up a few days later and explained that I simply wanted the balance of the amount I paid Acorn Tire to be reimbursed.

At that point, I was handed off to Lou Gutierrez who told me on the phone that company policy only allowed him to authorize the reimbursement of $164.00 and that I paid too much for the repairs which only added to my frustration. I thanked him for his time and asked him to provide me with information on how to escalate my case. I received the attached E-mail from him with simply a phone number and no further guidance.

Given that the wiper recall is a major safety issue, I would have expected better treatment by the employees at Castle and by Chevy, overall.

I am tired of being passed around from individual to individual who either cannot or will not assist me. Consequently, I'm writing directly to you with the hope that you'll rectify the situation and authorize reimbursement of the balance of the amount I paid Acorn Tire for the repairs.

Thank you in advance for your attention to this matter. I very much would like to remain a loyal GM customer but, admittedly, am at a crossroads due to this poor experience.

Regards,



ACORN TIRE HOFFMAN ESTATES

OWNED AND OPERATED BY A PROUD GOODYEAR INDEPENDENT DEALER
100 E HIGGINS RD
HOFFMAN ESTATES, IL 60169
(847)962-0600
FEDERAL TAX ID# 362776801

TIRE & SERVICE
GOODYEAR
DUNLOP
KELLY TIRES

INVOICE
H-[redacted]

06/24/16 06/24/16
11:12 AM 02:20 PM
TERR: 7393
NONSIG: 092934

PAGE: 0

BILL TO [redacted]

PHONE 1..... [redacted]
PHONE 2.....
DATE REQUESTED
TIME REQUESTED
RETURN PARTS.. NO
SALESMAN..... 002 / 006
PRIOR INVOICE. [redacted]

VEH YEAR/MAKE. 13 CHEVY TRUCK
VEHICLE MODEL. EQUINOX
VEHICLE COLOR. [redacted]
LICENSE/STATE. [redacted] / IL
ODOMETR IN/OUT 049625 / [redacted]
VEHICLE ID #.. 2GNALDEK2D[redacted]

ACCOUNT #	CDB	TC	CUST#	TYPE/STATE	AUTHORIZATION	CREDIT CARD NO.
[redacted]	R	01	25096	0 IL	824080	HDC 4726

SLSM	TECH	PRODUCT CODE	BC	QTY	DESCRIPTION	PARTS	LBR/MISCTE	LINE TOTAL
002	052	046-100	R	1	CHECK DRIVER WIPER ARM INOP	.00	.00	.00
002	052	047-228 047-535-110-0	R	1	FT WIPER LINKAGE ASSEMBLY INSTALLED SERIAL#.. CH	230.70	157.50	388.20
002	006	093-093	R	1	EPA WASTE DISPOSAL CHARGES /CHEMICALS	.00	2.49	2.49
002	052	093-202 THANK YOU FOR YOUR BUSINESS	R	1-	PER SLIDING SCALE COUPON PLEASE COME AGAIN!	.00	20.00	20.00-

I HAVE RECEIVED MY ROAD HAZARD POLICY. NO CLAIM CAN BE HONORED WITHOUT IT.
SEE ACORN TIRE FOR ALL YOU CAR'S SERVICE NEEDS
I DID RECEIVE MY WHEEL LOCK KEY BACK _____

COST IS CALCULATED ON THE HOURLY RATE OF 115.00 PER HOUR AND/OR A FLAT RATE OF $_____

PARTS TOTAL	230.70
LABOR TOTAL	139.99
MISC SHOP SUPPLIES	27.00
SUB TOTAL	397.69
SALES TAX	25.77
CHARGED AMOUNT	423.46
TAXABLE AMOUNT	257.70

X_____
CUSTOMER AUTHORIZATION FOR TOTAL

INVOICE TOTAL $423.46

SEE REVERSE SIDE FOR IMPORTANT SAFETY WARNING AND WARRANTY INFORMATION

HAVE A QUESTION OR PROBLEM?
Please tell our store manager the steps you've taken so much as your business. Should you need additional assistance, call our
CUSTOMER ASSISTANCE LINE 1-800-321-2136

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

CHECK No. [redacted] 50-937/213

VOID VOID VOID VOID VOID VOID VOID

DATE 08/23/17 | 206 DOLLARS | 69 CENTS | AMOUNT 206.69

NOT VALID AFTER 180 DAYS FROM DATE

PAY TO THE ORDER OF [redacted]

General Motors LLC
Disbursement Account
[redacted]
SIGNATURE

JPMorgan Chase Bank N.A
Syracuse, New York

AUDIT

[redacted]

VENDOR 1
DUNS NO BB 000000026
VENDOR NAME [redacted]

General Motors LLC
PO BOX 62530
Phoenix, AZ 85082-2530

DETACH BEFORE DEPOSITING CHECK
CHECK NO [redacted]
PAYMENT DATE 08/23/17

REGISTER NO. / DESCRIPTION	INVOICE DATE	DOC.	REFERENCE NUMBER	% DISC	INVOICE AMOUNT	DISC. AMOUNT	NET AMOUNT
2GNALDEK2D [redacted]	08/22/17	VM	[redacted]	00.0000	206.69	.00	206.69

VOID VOID VOID VOID VOID VOID VOID

ACCEPTANCE OF THIS CHECK CONSTITUTES FULL RESOLUTION FOR REIMBURSEMENT OR QUESTIONS CALL 800-462-8782

W3

TOTAL	206.69	.00	206.69

From: [redacted]
Sent: Thursday, August 03, 2017 10:48 AM
To: Mary T. Barra <mary.barra@gm.com>
Subject: [EXTERNAL] Fw: Complaint About Recall Process
Importance: High

Ms. Barra,

My issue was not resolved satisfactorily. I kindly ask that you get involved at this point as I will not purchase another GM vehicle unless I am fully reimbursed for GM's safety recall.

I can't tell you how disappointed I feel as I have been a loyal customer for 24 years and yet I keep getting brushed off by GM personnel.

Thank you for your attention to this matter.

Regards,

[redacted]

From: [redacted]
Sent: Wednesday, June 14, 2017 9:23 PM
To: mary.barra@gm.com
Subject: Complaint About Recall Process

Dear Ms. Barra,

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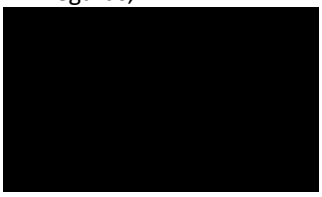
Thank you in advance for your attention to this matter. I very much would like to remain a loyal GM customer but, admittedly, am at a crossroads due to this poor experience.

Regards,



ACORN TIRE HOFFMAN ESTATES

OWNED AND OPERATED BY A PROUD GOODYEAR INDEPENDENT DEALER
100 E HIGGINS RD
HOFFMAN ESTATES, IL 60169
(847)962-0600
FEDERAL TAX ID# 362776601

TIRE & SERVICE
GOODYEAR
DUNLOP
KELLY TIRES

INVOICE [redacted]

06/24/16 06/24/16
11:12 AM 02:20 PM
TERR: 7393
NONSIG: 092934

PAGE: 0

BILL TO [redacted]

PHONE 1..... [redacted]
PHONE 2.....
DATE REQUESTED
TIME REQUESTED
RETURN PARTS.. NO
SALESMAN..... 002 / 006
PRIOR INVOICE. [redacted]

VEH YEAR/MAKE. 13 CHEVY TRUCK
VEHICLE MODEL. EQUINOX
VEHICLE COLOR. GREY [redacted]
LICENSE/STATE. [redacted] / IL
ODOMETR IN/OUT 049625 / 04[redacted]
VEHICLE ID #.. 2GNALDEK2D[redacted]

ACCOUNT #	COD	TC	CUST#	TYPE/STATE	AUTHORIZATION	CREDIT CARD NO.
[redacted]	R	01	25096	0 IL	824080	HDC 4726

SLSM	TECH	PRODUCT CODE	RC	QTY	DESCRIPTION	PARTS	LBR/MISCTE	LINE TOTAL
002	052	046-100	R	1	CHECK DRIVER WIPER ARM INOP	.00	.00	.00
002	052	047-228 047-535-110-0	R	1	FT WIPER LINKAGE ASSEMBLY INSTALLED SERIAL#.. CH	230.70	157.50	388.20
002	006	093-093	R	1	EPA WASTE DISPOSAL CHARGES /CHEMICALS	.00	2.49	2.49
002	052	093-202	R	1-	PER SLIDING SCALE COUPON	.00	20.00	20.00-

THANK YOU FOR YOUR BUSINESS PLEASE COME AGAIN!

I HAVE RECEIVED MY ROAD HAZARD POLICY. NO CLAIM CAN BE HONORED WITHOUT IT.
SEE ACORN TIRE FOR ALL YOU CAR'S SERVICE NEEDS
I DID RECEIVE MY WHEEL LOCK KEY BACK _____

COST IS CALCULATED ON THE HOURLY RATE OF 115.00 PER HOUR AND/OR A FLAT RATE OF $_____

		PARTS TOTAL	230.70
		LABOR TOTAL	139.99
		MISC SHOP SUPPLIES	27.00
CHARGED AMOUNT	423.46	SUB TOTAL	397.69
TAXABLE AMOUNT	257.70	SALES TAX	25.77

X_____
CUSTOMER AUTHORIZATION FOR TOTAL

INVOICE TOTAL $423.46

SEE REVERSE SIDE FOR IMPORTANT SAFETY WARNING AND WARRANTY INFORMATION

HAVE A QUESTION OR PROBLEM?
Please tell our store manager the steps you've taken so much as your business. Should you need additional assistance, call our
CUSTOMER ASSISTANCE LINE 1-800-321-2136

DISCOVER

[redacted]

Transaction Details

Trans. Date	Description	Amount	Category
06/24/16	ACORN TIRE HOFFMAN ESTATIL	$ **423.46**	Automotive

No additional transaction details available.

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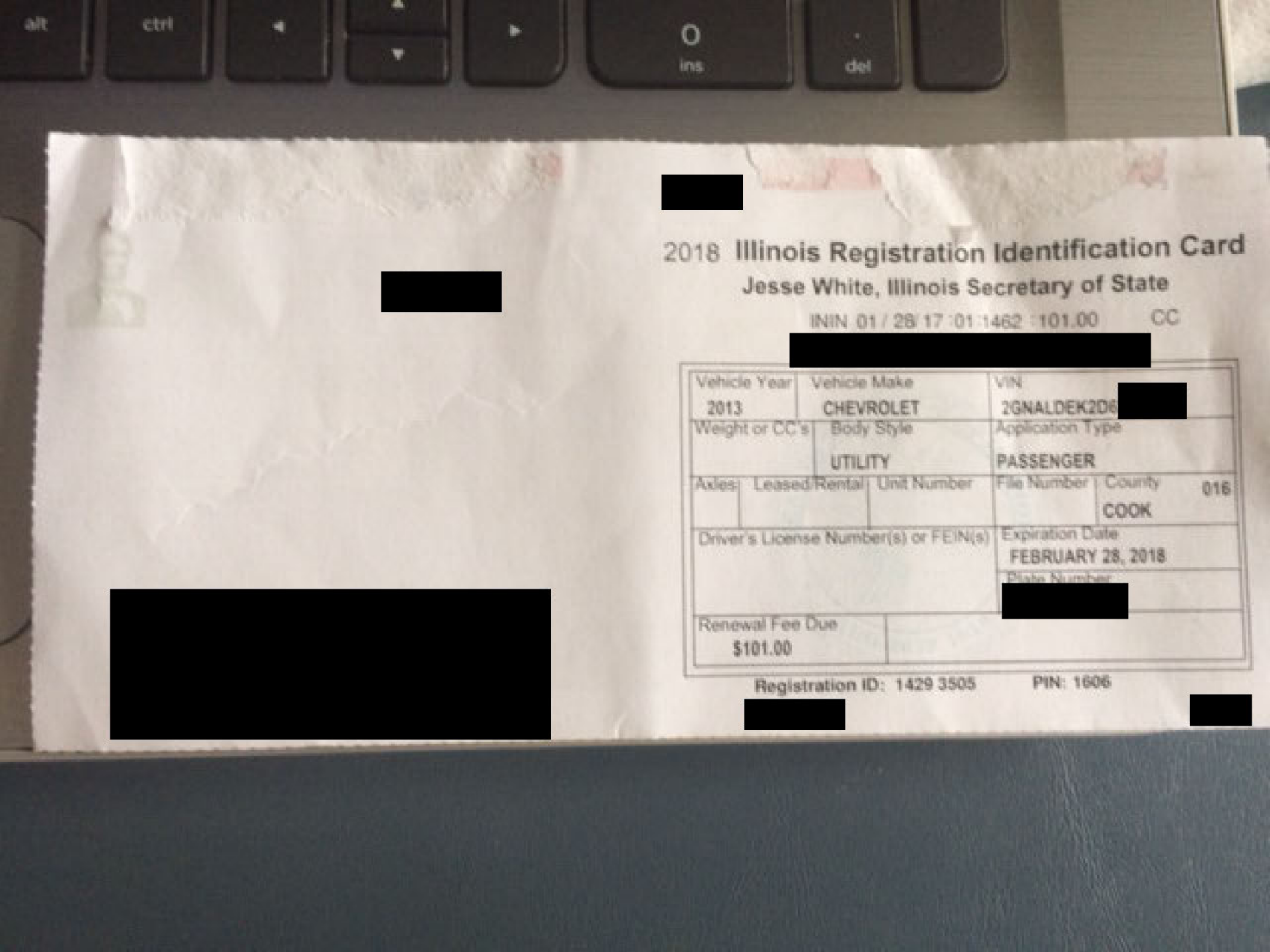
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del
2018 Illinois Registration Identification Card
Jesse White, Illinois Secretary of State
ININ 01/28/17 01:1462 :101.00 CC
Vehicle Year
2013
Vehicle Make
CHEVROLET
VIN
2GNALDEK2D6
Weight or CC's
Body Style
UTILITY
Application Type
PASSENGER
Axles
Leased/Rental
Unit Number
File Number
County
016
COOK
Driver's License Number(s) or FEIN(s)
Expiration Date
FEBRUARY 28, 2018
Plate Number
Renewal Fee Due
$101.00
Registration ID: 1429 3505
PIN: 1606

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Connecting... An agent will be with you shortly.

Caller English

System [9:51:27 AM]:

Welcome to chat.

Destiny [9:51:42 AM]:

Thank you for contacting Chevrolet Customer Assistance, [redacted]! My name is Destiny. How may I assist you today?

[redacted] [9:52:03 AM]:

I have a questin

[redacted] [9:52:06 AM]:

question*

[redacted] [9:52:22 AM]:

How do i obtain my $$ for a recall

Destiny [9:52:41 AM]:

Are you seeking reimbursement for a recall?

[redacted] [9:53:00 AM]:

Yes that is one of my concerns

Destiny [9:53:51 AM]:

You can possibly submit for reimbursement through your dealer. What recall are you referring to?

[redacted] [9:54:09 AM]:

Well the wiper quit

[redacted] [9:54:26 AM]:

when i took to a dealer they told me it was MY fault

[redacted] [9:54:28 AM]:

of course

[redacted] [9:55:43 AM]:

so I had to buy the part and pay to have it installed

Destiny [9:55:43 AM]:

If the dealership did not diagnose the concern as being a manufacturing defect that was apart of a recall associated to your specific vehicle, reimbursement may be denied.

[redacted] [9:55:54 AM]:

so 2 days later

[redacted] [9:56:01 AM]:

I get the recall notification

[redacted]9:56:46 AM]:

it was regarding my specific vehicle otherwise i wldnt have gotten the notification in the mail correct?

[redacted] [9:56:55 AM]:

I still own the vehicle

[redacted] [9:57:00 AM]:

unfortunatley

Destiny [9:57:57 AM]:

Yes, I understand and I apologize about the concern you had with the vehicle. Did you take the vehicle back to your dealer to have the recall preformed?

[redacted] [9:59:12 AM]:

ummm

[redacted] [9:59:29 AM]:

no cause in Feb in WV it is kinda important to have wipers that work

Destiny [9:59:46 AM]:

In order to better assist you, can you please provide me with the VIN and estimate mileage for your vehicle?

[redacted] [10:00:20 AM]:

2gNFLNEK3D6[redacted]

[redacted] [10:00:41 AM]:

My personal fave is what is your vehicle a 2013 POS

Destiny [10:01:31 AM]:

I would like to look further into this information for you! While I do so can you please verify your home address? This is to ensure our records are up to date.

[redacted] [10:02:30 AM]:

[redacted]1

Destiny [10:04:52 AM]:

Thank you! At this time, the remedy for the recall associated to your vehicle is available. I would recommend taking the vehicle to your dealer for the recall repair. If you are seeking reimbursement for past repairs you should speak to you dealer as well. You would need proof of the repair and proof that you paid for the repair as well as proof of ownership of the vehicle.

[redacted] [10:05:19 AM]:

Show them the title?

[redacted] [10:05:27 AM]:

i mean

Destiny [10:05:44 AM]:

Yes, you can show them the title.

[redacted] [10:06:16 AM]:

also I am requesting to c if there has been a recall of the Exhaust

[redacted] [10:06:22 AM]:

Exhaust Manifold

[redacted] [10:06:33 AM]:

due to mine being completely cracked

[redacted] [10:06:38 AM]:

into 2 pieces

[redacted] [10:06:54 AM]:

based upon the Chevy Forum --- Im not the only one

Destiny [10:07:33 AM]:

I apologize about the concern you are having, but there is no recalls on your vehicle relating to that concern. Please keep in mind that we treat each customer's situation on an individual basis and cannot take into account information found on third party websites. It’s also worth noting that sometimes what seems to be a common symptom can be the result of very different root causes. This is important when reading online forum posts as every vehicle owner may not know the exact symptom, root cause and/or subsequent repair that was completed. Reading through a thread may not necessarily be comparing apples to apples. This is why we handle every situation on a case by case basis.

[redacted] [10:08:34 AM]:

well there is no reason for a 2013 having a cracked Exhause Manifold

[redacted] [10:08:38 AM]:

Exhaust

[redacted] [10:08:47 AM]:

I realize that

[redacted] [10:09:05 AM]:

apples to apples but if its the same part that they have to replace ---

[redacted] [10:09:23 AM]:

i mean that kinda is apples to apples

[redacted] [10:09:28 AM]:

dont ya think?

Destiny [10:09:57 AM]:

I apologize about the concern, but I would recommend getting the vehicle diagnosed to get the root cause of your concern. Many people may experience the same outcome, but it could be caused by different things.

[redacted] [10:10:31 AM]:

how exaclty is an exhaust manifold cracked besides being faulty from the beginning

Destiny [10:12:33 AM]:

We are not technically trained to diagnose the vehicle here at the Customer Assistance Center, but if you would like the answer to that question I would highly recommend getting the vehicle diagnosed by your dealer. The dealership would be able to determine the cause of your cracked exhaust.

[redacted] [10:12:42 AM]:

no

[redacted] [10:12:50 AM]:

I want to speak to someone

[redacted] [10:13:00 AM]:

I have already had to fix that too

[redacted] [10:13:08 AM]:

what is the # to speak to someone

Destiny [10:13:23 AM]:

I apologize, but no one here will be able to diagnose your concern [redacted]

Destiny [10:14:07 AM]:

All representatives follow the same guidelines and no one will be able to tell you why your exhaust has cracked.

[redacted] [10:14:09 AM]:

OK let me try to ask another way ----

Destiny [10:14:35 AM]:

This is why we rely heavily on our dealerships.

[redacted] [10:14:48 AM]:

Is there a # that i can call to speak to someone who may be able to answer my question

[redacted] [10:14:58 AM]:

I will not go back to tht dealership

Destiny [10:16:22 AM]:

If you would like to speak with an agent here at the Customer Assistance Center agents can be reached at 866-790-3600. If you would like to speak with someone that is technically trained to answer your question I will be more than happy to locate a dealer in your area.

[redacted] [10:16:50 AM]:

I can literally send the part back to GM

[redacted] [10:17:11 AM]:

I will first take down the # that you have provided

Destiny [10:18:17 AM]:

Here's your reference number as well, 8-[redacted].

[redacted] [10:20:07 AM]:

ok thank you so very much

Destiny [10:20:22 AM]:

You're very welcome[redacted]

Destiny [10:20:56 AM]:

Is there anything else you may need assistance with today?

[redacted] [10:21:29 AM]:

Nope have a wonderful day and i hope you dont own a Chevy

Destiny [10:21:55 AM]:

Thank you for contacting Chevrolet Customer Assistance! If you have any further questions, we are here to chat Monday through Friday from 8:00 a.m. to 11:00 p.m., and Saturday from 9:00 a.m. to 11:00 p.m. Eastern Standard Time. You may also call in at 1-866-790-3600.

Call Disconnected.

Chevrolet - Concern On A Vehicle I Own-Additional Info:Class Action lawsuit

Connecting... An agent will be with you shortly.

Caller English

System [8:22:16 AM]:

Welcome to chat.

Vincent [8:22:59 AM]:

Your safety is very important to us at Chevrolet, so please remember to not use any hand held device whenever you are driving. Thank you for contacting Chevrolet Customer Service, [redacted] My name is Vince. I see you are having a vehicle concern, I am sorry to hear that! I would be glad to assist you with what I can. However, we do not assist with the sort of inquiry you have.

Vincent [8:23:16 AM]:

Your vehicle concern I can assist with, but not anything regarding a class action lawsuit.

[redacted] [8:23:29 AM]:

My question is regarding the Class Action Lawsuit

[redacted] [8:23:38 AM]:

so who will i need to contact regarding tht

Vincent [8:25:47 AM]:

We do not assist with class action lawsuits and if you retain a lawyer, they will know who to contact.

[redacted] [8:26:40 AM]:

well i am currently not with a vehicle and this lawsuit is on the [redacted] website

[redacted] [8:27:01 AM]:

let me rephrase that my vehcile is not in operation at this time

[redacted] [8:27:46 AM]:

so there is no legal department within Chevrolet?

Vincent [8:27:48 AM]:

That website is unrelated and in no way assisted with by GM. Therefore, you should look further into that website. I would be glad to document your concerns and look further into this for you. However, I will need to refer you to the dealership to diagnose the vehicle. We work in partnership with them and they are in the best position to look at your vehicle for these types of concerns. If you provide me with your ZIP code, I would be happy to locate one for you today while I document your concerns!

[redacted] [8:28:12 AM]:

[redacted]s my zip code

Vincent [8:28:17 AM]:

If you retain a lawyer, they will know who to contact. However, they do not speak to any customer's at request as such.

[redacted] [8:28:40 AM]:

and it is currently sitting at Collision Specialist located in Ripley WV

[redacted] [8:29:04 AM]:

cause again as i previously stated the vehicle is not operating at this time

[redacted] [8:29:31 AM]:

the Dealer that i have in my area is I-77 Chevy

Vincent [8:30:24 AM]:

Thank you. I understand and again, I am sorry to hear that you are having concerns. I would suggest taking the vehicle to a Certified Chevrolet Dealership as they are best to assist and we cannot go based on third party diagnostics. To better assist you though and for my documentation, may I please have the last 8 characters of your VIN and mileage?

[redacted] [8:30:48 AM]:

Oh well i cant drive it

[redacted] [8:30:54 AM]:

so they wld have to go get it

Vincent [8:31:46 AM]:

Depending on the age and mileage, you may be able to contact Roadside to have it towed. However, if it is outside of the applicable warranties, you as the owner would be responsible for such. If you provide me with the VIN and mileage as requested, I would be glad to check into and confirm what warranties you may have.

Vincent [8:32:10 AM]:

Here is the dealerships information for your documentation: Distance 0.7 miles I-77 CHEVROLET 475 S CHURCH ST RIPLEY, WV 25271-1613 Sales Phone 304) 514-7077 Service Phone: (866) 565-4199

[redacted] [8:32:19 AM]:

it is not under warranty

[redacted] [8:32:25 AM]:

i already verified that

Vincent [8:33:01 AM]:

If it is not within the Powertrain or Bumper-to-Bumper, then I am sorry but you would be responsible for getting it to the nearest Certified Chevrolet Dealership for diagnostics. I can document your concerns today if you would like.

Vincent [8:33:08 AM]:

What concerns specifically are you having?

Vincent [8:34:02 AM]:

I do see a case that was created yesterday regarding the engine. Are these the concerns you are chatting about today?

[redacted] [8:34:32 AM]:

yes

[redacted] [8:34:34 AM]:

the engine

Vincent [8:36:43 AM]:

Thank you for confirming. Based on this information, the vehicle would not have coverage for towing and such. Additionally, the vehicle would be over 71,000 miles outside of the Powertrain Warranty. I understand vehicle concerns can be frustrating and I will continue to document your concerns today. However, as the vehicle is 70,000 miles outside of any applicable warranty, you would be responsible for any diagnostics, towing or repairs costs. I will continue to thoroughly document your concerns and for your documentation the Service Request Number will remain 8-[redacted].

[redacted] [8:37:22 AM]:

and then i guess my lawyer contacts the powers that be within Chevrolet?

Vincent [8:39:16 AM]:

That would be your choice to pursue. However, concerns to arise with both time and mileage. As the vehicle is outside of warranty by 70,000 miles, you are responsible for it. The warranty on your vehicle is very competitive and is there because we stand behind our products, but cannot warranty vehicles indefinitely. At some point, the owner is responsible for repairs on their vehicle. Do you have any further questions at this time, [redacted]

Vincent [8:39:34 AM]:

do*

[redacted] [8:39:47 AM]:

i realize that it is not within the warranty --- you dont have to keep repeating the same info

[redacted] [8:40:00 AM]:

no you have a fantastic day

[redacted] [8:40:03 AM]:

and god bless

Vincent [8:41:08 AM]:

You also and I am sorry again. Thank you again for chatting in with Chevrolet Customer Assistance about your concerns. If you have additional questions, please feel free to contact us again. We are here to chat Monday – Friday 8:00 am – 9:00 pm and Saturdays 9:00 am – 9:00 pm Eastern Standard Time. Alternatively, you may call in at 1-800-222-1020.

Call Disconnected.

Connecting... An agent will be with you shortly.

Caller English

System [3:41:53 PM]:

Welcome to chat.

Kimberly [3:42:21 PM]:

Thanks for contacting Chevrolet Customer Assistance! Your safety is very important to us at GM, so please remember to not use any hand held device whenever you're driving. My name is Kimberly. I understand you are looking for a new engine for your vehicle?

[redacted] [3:42:49 PM]:

Well considering that i have a 2013 you wld think i wldnt need a new engine

Kimberly [3:43:22 PM]:

Sorry to hear you are experiencing engine concerns with your vehicle.

[redacted] [3:43:45 PM]:

Has there been any recalls on my vehicle that result in engine failure

Kimberly [3:44:25 PM]:

I will be glad to check recall information for you. We also have a great self-service tool on our website where you can check your vehicle for Recalls at:my.gm.com/recalls

Kimberly [3:44:46 PM]:

Can you please confirm the contact information you provided prior to our chat session for your name, email, phone number and VIN are correct for documentation as well as providing your home address?

[redacted] [3:45:08 PM]:

yes it is all correct

[redacted] [3:45:46 PM]:

there should be no reason why i should be replacing an engine in a 2013 model vehicle

Kimberly [3:45:55 PM]:

Thank you.

Kimberly [3:46:11 PM]:

I understand you are frustrated with your current situation. Are you the original owner of the vehicle?

[redacted] [3:46:15 PM]:

yes

Kimberly [3:46:41 PM]:

Are you currently working with a Chevrolet dealership for service?

[redacted] [3:46:58 PM]:

no it had to be towed to collision specailst in Ripley WV

Kimberly [3:47:23 PM]:

Okay. WHat is the current mileage on your vehicle?

[redacted] [3:47:39 PM]:

171k

Kimberly [3:47:59 PM]:

Thank you.

Kimberly [3:48:56 PM]:

I don't see any recalls on your vehicle for the engine. However, you do have a recall on your vehicle for the Front Wiper Transmission. This recall can be completed at any Chevrolet dealership at no cost to you.

[redacted] [3:49:17 PM]:

I replaced that before the recall was issued

[redacted] [3:49:33 PM]:

when i took it to a dealership and was told that it was my fault

Kimberly [3:50:16 PM]:

To clarify, the repair has been completed?

[redacted] [3:50:44 PM]:

the repair to my wipers have been completed

Kimberly [3:51:36 PM]:

That's good to hear!

Kimberly [3:52:34 PM]:

To best assist you I would like to get you connected your GM dealer service department. As your vehicle has not yet been assessed by one of our specialists this is the best step to take first. GM Dealers are specially trained and are best equipped to diagnose your vehicle, assess the situation and any policies or coverages that may apply. Any repairs or service will be at your cost, but let’s get you connected with

the dealer to evaluate the vehicle. You will also receive a 12 month part warranty on your service. Would you like me to locate a Chevrolet dealership near you for further assistance?

[redacted] [3:52:55 PM]:

i know where one is

[redacted] [3:53:01 PM]:

you paying to have it towed?

Kimberly [3:53:43 PM]:

Since your vehicle is beyond all factory installed warranties, towing would be an out-of-pocket expense.

[redacted] [3:54:06 PM]:

exactly

Kimberly [3:54:13 PM]:

I have documented your concerns with us. Your reference number is 8-[redacted].

[redacted] [3:54:32 PM]:

it was towed to the place that did my repair when i was rear-ended

[redacted] [3:54:36 PM]:

back in oct

Kimberly [3:55:29 PM]:

Sorry to hear you were rear ended in your vehicle.

[redacted] [3:55:57 PM]:

ok so this is what i want --- I need a # to contact corp

[redacted] 3:56:07 PM]:

please if you have one

Kimberly [3:56:44 PM]:

You are speaking with corporate. We have documented your concerns with us. If you prefer to speak with us by phone you can contact us at 1-800-222-1020.

Kimberly [3:57:27 PM]:

Is there anything else I can assist you with today?

[redacted] [3:59:01 PM]:

no you have a great day

Kimberly [3:59:15 PM]:

Thank you for contacting Chevrolet Customer Assistance. Please don't hesitate to come back and chat with us. We are here Monday through Friday from 8:00 am to 9:00 pm and Saturday 9:00 am to 9:00 pm Eastern time. Have a great day!

Call Disconnected.

BBB AUTO LINE
Customer Claim Form

Case number: [redacted]
Contact Date: 11/04/17
Start Date:

Please make any necessary corrections to the information below, print or verify your VIN number and lienholder/leasing company information at the bottom of this page, and complete the missing information in Section 4 on the next page (attach additional sheets as needed).

SECTION 1: CUSTOMER INFORMATION

Titled owner: [redacted]			
Mailing address: [redacted]			
City: [redacted]		State: [redacted]	Zip code: [redacted]
Day phone: [redacted]	Evening phone [redacted]		Cell phone:
Fax:	E-mail address [redacted]		

SECTION 2: VEHICLE INFORMATION

Make: Chevrolet	Model: Equinox	Year: 2011	Current mileage: 81000
Name(s) that appears on the vehicle title: [redacted]			
Selling dealer/city/state: Grand Allegan, Allegan, MI			
Primary Servicing dealer/city/state: LeValley,			
Acquired as ☐ new ☒ used ☐ demo ☐ leased	Is the vehicle in your possession? ☒ yes ☐ no		
Purchase/lease date: 12/20/14	Mileage at purchase/lease:		
First repair attempt date: 07/15/15	First repair attempt mileage: 0		
How often is the vehicle used for business purposes (percentage): 0 %	Number of vehicles owned or leased by the business:	Transmission type: ☒ Automatic ☐ Manual	
Has the vehicle been in an accident/had body damage? ☐ yes ☒ no	Date of accident:		
Description of damage:			

SECTION 3: DESIRED OUTCOME (Describe what you want done to resolve your concern)

I want to get rid of this vehicle for something dependable

Please complete the missing information in the box below and on page 2.

VEHICLE INDENTIFICATION NUMBER _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

CCF

Case Number: [redacted]

SECTION 4: VEHICLE PROBLEMS (List primary problem first)

Problem	Servicing dealer(s)	# of repair attempts	List the date, mileage, and days out of service for each repair attempt	Does the problem exist now?
Example: **A/C won't cool properly**	**Any Dealer, Inc.**	**2**	**4/23/06 3,500 miles 5 days 6/10/07 12,700 miles 1 day**	**yes**
Emission sensor		1		no
Sensor		1		no
Engine		1		no
Catalytic convertor		1		no
Wheel bearing		2		yes
Wind shield wipers		1		no
Stabilizer bar		1		no

Total days out of service for all problems: _____

Signature of Titled Owner(s) _____ Date _____

Printed Name of Titled Owner(s) _____

I am submitting this dispute for resolution in the BBB AUTO LINE program, and I agree to arbitrate the dispute under the BBB AUTO LINE Arbitration Rules.

Please mail or fax this completed form with <u>copies</u> of all available repair orders, your vehicle registration, your sales agreement or lease agreement, and any other relevant documents (e.g., written correspondence with the manufacturer, etc.) to:

BBB AUTO LINE
3033 Wilson Blvd., Suite 600
Arlington VA, 22201
Fax: 703-247-9700

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Chevrolet - Recall Question On Vehicle I Own-Additional Info:My wiper blabes just stop working in the rain while I was driving to military base. The wiper transmission corrosion which could cause the wipers to fail unexpectedly and not work.2CNALDEC3B6[redacted]

Connecting... An agent will be with you shortly.

Caller English

System [8:32:31 AM]:

Welcome to chat.

Vincent [8:32:57 AM]:

Your safety is very important to us at Chevrolet, so please remember to not use any hand held device whenever you are driving. Thank you for contacting Chevrolet Customer Service, [redacted] My name is Vince. I am sorry to hear that you are experiencing this concern, but I would be happy to document it for you and see what information I have on this further!

Vincent [8:33:11 AM]:

To better assist you, roughly what is the mileage at?

[redacted] [8:33:51 AM]:

Its a recall for the next year but not 2011

[redacted] [8:34:05 AM]:

145,000

Vincent [8:36:03 AM]:

Recalls are VIN specific. Therefore, if your vehicle does not have the recall there would be no coverages. You can always double check here for recalls yourself: [redacted]

Vincent [8:36:29 AM]:

Please allow me 3 to 6 minutes, I check over your VIN for any coverages and also document your concerns. If the information in the prechat form is correct; for documentation, can you please also verify your street address for me?

[redacted] [8:37:25 AM]:

The car is being fixed on base as we speak. This is weird because no snow or ice..

[redacted] [8:37:43 AM]:

[redacted]

Vincent [8:38:30 AM]:

Thank you.

[redacted] [8:38:35 AM]:

The shop said for this model is common

[redacted] [8:39:04 AM]:

The motor is fine but its the same issue as later years recall

Vincent [8:41:15 AM]:

Thank you for your patience. I understand and I am sorry again to hear that you are having this concern. We are not able to determine what is or is not common on your vehicle, but it is not uncommon for concerns to arise with age and mileage. Checking over the VIN specific warranties and recalls, there would not be coverages or such at this time. The warranty that may have applied would have been the Bumper-to-Bumper Warranty, which would have expired at 36,370 miles or on 10/08/2013, whichever occurred first. The warranty on your vehicle is very competitive and is there because we stand behind our products, but cannot warranty vehicles indefinitely. I will still document your concerns for you today and I do suggest saving any receipts. If a recall or coverage is released in the future, you may be able to submit for reimbursement at that time. However, at this time there is none and any costs would be an out of pocket expense.

Vincent [8:41:43 AM]:

Is it being diagnosed by a Certified Chevorlet Dealership, or a third party?

[redacted] [8:42:36 AM]:

I almost died on a busy road. I had to pull off at a shop

[redacted] [8:43:09 AM]:

A buddy guided me to base at Goodyear to fix the issue

[redacted] [8:44:19 AM]:

I am glad my kids was not in the car..

Vincent [8:46:20 AM]:

I am very sorry to hear about that experience and I would be glad to document this for you today. I understand how scary unexpected concerns can be and I do suggest that you have this repaired to assure it is working correctly. But the vehicle is 108,630 miles and 4.5 years past what may have been the applicable warranty. At some point the owner does become responsible for the repairs on their vehicle. At this time, there is no coverages or assistance available and the owner would be responsible

for the costs of diagnostics and repairs. I have documented your concerns and your Service Request Number will be 8-[redacted].

Vincent [8:46:34 AM]:

Do you have any further questions at this time I may be able to answer, [redacted]

[redacted] [8:47:46 AM]:

I had a few cars 0-200 miles and no wiper transmission issue

[redacted] [8:48:13 AM]:

This is a known issue with GM/Equinox

[redacted] [8:49:31 AM]:

How can I file a complaint with CHEVY. other then DOJ/DOT Safety

Vincent [8:50:46 AM]:

I understand and I will further document your comments under the Service Request Number provided previously. By contacting us and having us document your concerns you have filed a complaint. I checked all options and any costs will be the owner's responsibility. The vehicle is far past what may have been the warranty and there is no open recall or other coverage that can apply at this time. I apologize again that you had this concern, but there would not be further assistance we can provide regarding such. If you have not other questions at this time, I am sorry but I will have to disconnect this chat today. Do you have any other, unrelated questions I may assist you with?

[redacted] [8:51:48 AM]:

Bye

Vincent [8:52:33 AM]:

Thank you for allowing me the opportunity to assist you and for chatting in with Chevrolet Customer Assistance about your concerns! If you have other unrelated questions, please feel free to contact us again. We are here to chat Monday – Friday 8:00 am – 9:00 pm and Saturday 9:00 am – 9:00 pm Eastern Standard Time. Alternatively, you may call in at 1-866-790-5600.

Call Disconnected.

BBB AUTO LINE
Customer Claim Form

Case number: [redacted]
Contact Date: 04/27/18
Start Date:

Please make any necessary corrections to the information below, print or verify your VIN number and lienholder/leasing company information at the bottom of this page, and complete the missing information in Section 4 on the next page (attach additional sheets as needed).

SECTION 1: CUSTOMER INFORMATION

Titled owner: [redacted]

Mailing address: [redacted]

City: [redacted] State: [redacted] Zip code: [redacted]

Day phone: [redacted] Evening phone: [redacted] Cell phone:

Fax: E-mail address [redacted]

SECTION 2: VEHICLE INFORMATION

Make: Chevrolet Model: Equinox Year: 2011 Current mileage: 145000

Name(s) that appears on the vehicle title: [redacted]

Selling dealer/city/state: Faulkner Nissan of Harrisburg, Harrisburg, PA

Primary Servicing dealer/city/state: Faulkner Chevrolet,

Acquired as ☐ new ☒ used ☐ demo ☐ leased Is the vehicle in your possession? ☒ yes ☐ no

Purchase/lease date: 05/22/16 Mileage at purchase/lease:

First repair attempt date: 04/27/18 First repair attempt mileage: 45000

How often is the vehicle used for business purposes (percentage): 0 % Number of vehicles owned or leased by the business: Transmission type: ☒ Automatic ☐ Manual

Has the vehicle been in an accident/had body damage? ☐ yes ☒ no Date of accident:

Description of damage:

SECTION 3: DESIRED OUTCOME (Describe what you want done to resolve your concern)

Wiper Blade transmission Replace is a common issue. I almost died driving to work this morning. Throttle body repair cost 511 at 80,000 miles. They had recalls for the same issue later years for wiper issues. The repair is costing me 400 on base. I want some help with the repair cost.

Please complete the missing information in the box below and on page 2.

VEHICLE INDENTIFICATION NUMBER _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

CCF

Case Number: [redacted]

SECTION 4: VEHICLE PROBLEMS (List primary problem first)

Problem	Servicing dealer(s)	# of repair attempts	List the date, mileage, and days out of service for each repair attempt	Does the problem exist now?
Example: **A/C won't cool properly**	**Any Dealer, Inc.**	**2**	**4/23/06 3,500 miles 5 days** **6/10/07 12,700 miles 1 day**	**yes**
Engine Oil leak Pistonshaft replace		2		no
Trottle Body Replace		1		no
Air intake replace		1		no
Wiper Blade transmission Replace		1		yes

Total days out of service for all problems: _____

Signature of Titled Owner(s) _____ Date _____

Printed Name of Titled Owner(s) _____

I am submitting this dispute for resolution in the BBB AUTO LINE program, and I agree to arbitrate the dispute under the BBB AUTO LINE Arbitration Rules.

Please mail or fax this completed form with <u>copies</u> of all available repair orders, your vehicle registration, your sales agreement or lease agreement, and any other relevant documents (e.g., written correspondence with the manufacturer, etc.) to:

BBB AUTO LINE
3033 Wilson Blvd., Suite 600
Arlington VA, 22201
Fax: 703-247-9700

[redacted]

CERTIFIED MAIL™

[redacted]

1000

48232

U.S. POSTAGE
PAID
WEST HARTFORD, CT
06117
APR 29, 15
AMOUNT
$6.70
R2304E106718-21

RETURN RECEIPT
REQUESTED

General Motors Company
Chevrolet
P.O. Box 33170
Detroit, MI 48232-5170

RECEIVED MAY 05 2015

48232$5170

[redacted]

[redacted]

April 29, 2015

General Motors Company
Chevrolet
P.O. Box 33170
Detroit, MI 48232-5170

Cc: Senator [redacted]
Cc: Attorney General CT, [redacted]

Re: 2011 Chevrolet Equinox
VIN#: 2CNFLNE52B6[redacted]

To Whom It May Concern:

I am writing this letter to convey the unacceptable amount of repairs I have endured on the above mentioned vehicle, one of which nearly killed me on April 20th, 2015. This could have been a much worse letter.

My most recent incident has me really concerned for the quality of this car and my safety. This occurred on April 20, 2015 when I was nearly killed and could have killed other people.

I was driving home from work in a very bad rain storm on Route 9 in Newington CT going southbound (please check the weather for that day around 5:10pm). This is a highway where cars were travelling probably between 50 – 60 miles per hour during rush hour traffic, when the windshield wipers just stopped working. I was driving blind down a major highway in poor weather conditions. I was lucky enough to barely find the breakdown lane while falling off the road periodically as I could not see where the roadside was. I slowly worked my way on to the exit 29 ramp so I could sit until help arrived.

This is not acceptable. I have bought many new cars and I have never had windshield wipers stop working like that. Jackson Chevrolet in Middletown, CT had to replace the motor. This motor should not have had to be replaced on a car that is 4 years old with 81,000 miles on it. Something was defective.

Over the course of 4 months I have replaced the heating mechanism that controls the direction of the heater (12/15/14), the throttle body (1/29/15), and most recently my windshield wiper motor (4/20/15). I have attached copies of the invoices from Jackson Chevrolet who have made the repairs.

The first incident with the heating was discovered during a cold winter morning as I was driving to work and the car's defroster was not providing any heat to clear the window. I had to continue to wipe the inside of the window to even be able to see and drive with the windows open in sub degree weather.

The second incident occurred also while I was driving to work on Route 66 in East Hampton, CT when the car just started hesitating and not driving properly. I immediately had to find a safe place to pull off so as not to cause an accident and called On-Star. They performed a diagnostic test and said there was definitely something wrong and to proceed to the closest Chevrolet dealer immediately. It was determined by Jackson Chevrolet they had to replace the throttle body. I don't understand how something like that can break in only 4 years of owning the car and it was a real safety concern.

I am requesting that GM replace this car and reimburse me for the repairs I have endured, which total $1,539.51. I am very scared to keep driving this car and it is very stressful, especially since this latest episode with the wipers almost killed me. I feel this car is poorly built and is experiencing unusual repairs that are putting me in harm's way.

Please respond immediately as to how we will proceed with this request. I can be reached at 860-918-2685.

Sincerely,

[redacted]

Jackson CHEVROLET
www.jacksonchevrolet.com

660 S. Main Street
Middletown, CT 06457
(860) 346-9655
Fax: (860) 346-2894

SERVICE DEPARTMENT HOURS
7:00 a.m. to 5:30 p.m.
Mon, Tues, Wed & Fri
7:00 a.m. to 7:00 p.m. Thur
8:00 a.m. to 1:30 p.m. Sat

R/O Open Date	R/O Number
12/15/14	
R/O Close Date	
12/17/14	Reprint
Mileage In	**Mileage Out**
75576	75576
Service Advisor / Tag #	
PETER R/	

			Work Phone	Vehicle Identification Number	
				2CNFLNE52B6	
			Home Phone	Delivery Date	In-Service Date
Year	Make	Model	Body	Color	License Number
2011	CHEVROLET	EQUINOX	AWD 4DR LT W/2LT		

DESCRIPTION OF SERVICE AND PARTS	AMOUNT
#1 - MR 51C: BODY ELECTRICAL	
CUSTOMER STATE HEATER NOT CHANGING MODES	
Work performed by 104(104) 3.00hrs @ 105.00	315.00
Installed 25952814 :SL-N-ACTUATOR (09280-CT) 1@40.44	40.44
Sub Total: Labor: 315.00 Parts: 40.44 Total: 355.44	
CHECKED FOR HVAC DIAGNOSTIC TROUBLE CODES(NONE)	
CHECKED FOR BULLITINS(NONE) UPDATED DATED HVAC	
CONTROL SOFTWARE(STILL NO MODE CHANGE) CHECKED	
AND FOUND CONTROL COMAND GOOD AND ACTUAL DATA	
GOOD BUT NO ACTUATOR MOVEMENT. REMOVED CONTROL	
AND CHECKED CIRCUITS 2275,598,119 AND 2273(OK)	
REMOVED LOWER DASH PANEL, VCIM AND BRACKET.	
REPLACED ACTUATOR AND TESTED(MODE CHANGE NOW)	
REASSEMBLED ALL TRIM AND MODULES	
#2 - MR 70CVZ06: JACKSON CHEVROLET COURTESY TRANSPORTATION	
Sub Total: Labor: .00 Parts: .00 Total: .00	

COPY

TERMS: STRICTLY CASH UNLESS ARRANGEMENTS ARE MADE. "I hereby authorize the repair work hereinafter to be done along with the necessary material and agree that you are not responsible for loss or damage to vehicle or articles left in the vehicle in case of fire, theft, or any other cause beyond your control or for any delays caused by unavailability of parts or delays in parts shipments by the supplier or transporter. I hereby grant you or your employees permission to operate the vehicle herein described on streets, highways, or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs thereto."

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LABOR	315.00
PARTS	40.44
DEDUCTIBLE	.00
SUBLET	.00
SHOP SUPPLIES	1.21
HAZARDOUS MATERIALS	.00
SALES TAX OR TAX I.D.	22.73
SPECIAL ORDER DEPOSIT	.00
DISCOUNTS	.00
TOTAL DUE	379.38
Visa/MC Service	379.30

NO RETURN ON ELECTRICAL OR SAFETY ITEMS OR SPECIAL ORDERS.

X

Jackson CHEVROLET
www.jacksonchevrolet.com

660 S. Main Street
Middletown, CT 06457
(860) 346-9655
Fax: (860) 346-2894

SERVICE DEPARTMENT HOURS
7:00 a.m. to 5:30 p.m.
Mon, Tues, Wed & Fri
7:00 a.m. to 7:00 p.m. Thur
8:00 a.m. to 1:30 p.m. Sat

R/O Open Date	R/O Number
1/29/15	
R/O Close Date	Status
1/31/15	Reprint
Mileage In	Mileage Out
77427	77439
Service Advisor / Tag #	
TOM B/	

			Work Phone	Vehicle Identification Number	
				2CNFLNE52B6	
			Home Phone	Delivery Date	In-Service Date
Year	Make	Model	Body	Color	License Number
2011	CHEVROLET	EQUINOX	AWD 4DR LT W/2LT		

DESCRIPTION OF SERVICE AND PARTS	AMOUNT
#1 - MR 10C: DRIVEABILITY	
CUSTOMER STATES SES LIGHT ON RUNS ROUGH	
Caused by	
CHECK ENGINE LIGHT IS ON,P2135 HAS SET FOR	
TPS SENSOR,INSTALL NEW TBI,RELEARN IDLE,	
ROAD TEST 9 MILES,OK.	
Work performed by 186(186) 1.70hrs @ 105.00	178.50
Installed 12616994 :SL-N-BODY (03335-BCKT) 1@285.90	285.90
Installed 12634371 :SL-N-GASKET (03336-BCKT) 1@8.36	8.36
Sub Total: Labor: 178.50 Parts: 294.26 Total: 472.76	
#2 - MR 00DEXOS: PERFORM DEXOS LUBE OIL FILTER SERVICE SET	
TIRE	
Caused by	
LOF REQUEST.	
Work performed by 186(186) 0.40hrs	10.57
Kit: DX63: DEXOS 6 QT OIL & FILTER	32.93
Installed 19293000 :DEXOS1 OIL	
Installed 19330000 :SL-N-FILTER (01836-BOPCKT)	
Sub Total: Labor: 10.57 Parts: 32.93 Total: 43.50	
LOF,CHECK ALL FLUID LEVELS,CHECK ALL LIGHTS,	
SET TIRES TO 35 PSI,AIR FILTER AND BELT LOOK	
GOOD,RESET OIL LIFE MONITOR,PERFORM MULTI	
POINT INSPECTION.	
#3 - MR 14271: POWER SEAT HEIGHT ADJUSTER BOLT REPLACEMENT	
Caused by	
RECALL 14271.	
Corrected by 9100787: (0090) (90	

PY

TERMS: STRICTLY CASH UNLESS ARRANGEMENTS ARE MADE. "I hereby authorize the repair work hereinafter to be done along with the necessary material and agree that you are not responsible for loss or damage to vehicle or articles left in the vehicle in case of fire, theft, or any other cause beyond your control or for any delays caused by unavailability of parts or delays in parts shipments by the supplier or transporter. I hereby grant you or your employees permission to operate the vehicle herein described on streets, highways, or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs thereto."

DISCLAIMER OF WARRANTIES. Any warranties on the products sold hereby are those made by the manufacturer. The seller hereby expressly disclaims all warranties either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and the seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products. Any limitation contained herein does not apply where prohibited by law.

LABOR	
PARTS	
DEDUCTIBLE	
SUBLET	
SHOP SUPPLIES	
HAZARDOUS MATERIALS	
SALES TAX OR TAX I.D.	
SPECIAL ORDER DEPOSIT	
DISCOUNTS	
TOTAL DUE	

NO RETURN ON ELECTRICAL OR SAFETY ITEMS OR SPECIAL ORDERS.

X

Jackson CHEVROLET
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660 S. Main Street
Middletown, CT 06457
(860) 346-9655
Fax: (860) 346-2894

SERVICE DEPARTMENT HOURS
7:00 a.m. to 5:30 p.m.
Mon, Tues, Wed & Fri
7:00 a.m. to 7:00 p.m. Thur
8:00 a.m. to 1:30 p.m. Sat

R/O Open Date	R/O Number
1/29/15	[redacted]
R/O Close Date	
1/31/15	Reprint
Mileage In	Mileage Out
77427	77439
Service Advisor / Tag #	
TOM B/[redacted]	

			Work Phone	Vehicle Identification Number
[redacted]				2CNFLNE52B6[redacted]
			Home Phone	Delivery Date / In-Service Date
Year	Make	Model	Body	Color / License Number
2011	CHEVROLET	EQUINOX	AWD 4DR LT W/2LT	

DESCRIPTION OF SERVICE AND PARTS	AMOUNT
Work performed by 186(186) 0.40hrs	Warranty
Installed 23278155 :N-ATTACHMENT KIT (11561-BCKT) Qty: 1	Warranty
INSTALL BOLT ,WASHER AND NUT IN DRIVERS SEAT	
TORQUE TO SPEC.	
#4 * MR 02FAI: PERFORM FUEL AND AIR INDUCTION CLEANING WITH	
Caused by	
P0300 HAS SET.	
Work performed by 186(186) 1.50hrs	130.95
Installed K28 :AIT INDUCTION SERVICE	63.02
RUN TOP ENGINE CLEANER THROW INTAKE,SET ONE	
HOUR,ROAD TEST 3 MILES,OK. ADD 44K TO TANK.	

COP 1@63.02

TERMS: STRICTLY CASH UNLESS ARRANGEMENTS ARE MADE. "I hereby authorize the repair work hereinafter to be done along with the necessary material and agree that you are not responsible for loss or damage to vehicle or articles left in the vehicle in case of fire, theft, or any other cause beyond your control or for any delays caused by unavailability of parts or delays in parts shipments by the supplier or transporter. I hereby grant you or your employees permission to operate the vehicle herein described on streets, highways, or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs thereto."

DISCLAIMER OF WARRANTIES. Any warranties on the products sold hereby are those made by the manufacturer. The seller hereby expressly disclaims all warranties either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and the seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products. Any limitation contained herein does not apply where prohibited by law.

LABOR	320.02
PARTS	390.21
DEDUCTIBLE	.00
SUBLET	.00
SHOP SUPPLIES	.99
HAZARDOUS MATERIALS	.00
SALES TAX OR TAX I.D.	45.28
SPECIAL ORDER DEPOSIT	.00
DISCOUNTS	.00
TOTAL DUE	756.50
Visa/MC Service	756.38

NO RETURN ON ELECTRICAL OR SAFETY ITEMS OR SPECIAL ORDERS.

X

(C) 2009 DEALERTRACK SYSTEMS Inc. - Dealership Application Group (800)645-1929

Jackson CHEVROLET
www.jacksonchevrolet.com

660 S. Main Street
Middletown, CT 06457
(860) 346-9655
Fax: (860) 346-2894

SERVICE DEPARTMENT HOURS
7:00 a.m. to 5:30 p.m.
Mon, Tues, Wed & Fri
7:00 a.m. to 7:00 p.m. Thur
8:00 a.m. to 1:30 p.m. Sat

R/O Open Date	R/O Number
4/21/15	[redacted]
R/O Close Date	Status
4/22/15	Pre-Invoice
Mileage In	Mileage Out
81256	81257
Service Advisor / Tag #	
WAYNE B[redacted]	

	Work Phone	Vehicle Identification Number
[redacted]		2CNFLNE52B6[redacted]
	Home Phone	Delivery Date / In-Service Date
[redacted]		

Year	Make	Model	Body	Color	License Number
2011	CHEVROLET	EQUINOX	AWD 4DR LT W/2LT		

DESCRIPTION OF SERVICE AND PARTS	AMOUNT
#1 - 52C: TRIM ELECTRICAL	
CUSTOMER STATES WIPERS STOPPED WORKING, CHECK AND ADVISE	
Caused by	
CHECKED OUT WIPERS OPERSTION FOUND INOP. PULLED CO	
WL FOUND A BAD WIPER TRANS	
Work performed by 45(45) 2.00hrs @ 105.00	210.00
Installed 25948436 :SL-N-TRANSMISSION (10159-CT) 1@164.78	164.78
REPLACED WIPER TRANS, SWAPED OVER MOTOR, REINSTALLED	
RECHECKED, OK	
Sub Total: 374.78	

COPY

TERMS: STRICTLY CASH UNLESS ARRANGEMENTS ARE MADE. "I hereby authorize the repair work hereinafter to be done along with the necessary material and agree that you are not responsible for loss or damage to vehicle or articles left in the vehicle in case of fire, theft, or any other cause beyond your control or for any delays caused by unavailability of parts or delays in parts shipments by the supplier or transporter. I hereby grant you or your employees permission to operate the vehicle herein described on streets, highways, or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs thereto."

DISCLAIMER OF WARRANTIES. Any warranties on the products sold hereby are those made by the manufacturer. The seller hereby expressly disclaims all warranties either express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and the seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of said products. Any limitation contained herein does not apply where prohibited by law.

LABOR	210.00
PARTS	164.78
DEDUCTIBLE	.00
SUBLET	.00
SHOP SUPPLIES	4.94
HAZARDOUS MATERIALS	.00
SALES TAX OR TAX I.D.	24.11
SPECIAL ORDER DEPOSIT	.00
DISCOUNTS	.00
TOTAL DUE	403.83

NO RETURN ON ELECTRICAL OR SAFETY ITEMS OR SPECIAL ORDERS.

X

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This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

[redacted] [redacted]

Service Request Activities – UCC PAR

Service Request Detail

SR No.	[redacted]	Ref No.		Cost Ast	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CCC - CAC Specialty
Address	[redacted]			Approval	Not Initiated	Area	RFI Recall
City	[redacted]	Zip	[redacted] State [redacted]	UCC	Electrical - Power Windshield Wiper - Motor / Blades / Arms	Sub-Area	25302 Front Wiper Corrosion
Last Name	[redacted]	First Name	[redacted]	Involved Dlr		Safety	
Daytime #	[redacted]	Evening #		Source	Phone	Updated	09/23/2016 17:43:46
Serial/VIN #	2GNALPEK7D6[redacted]3	Mileage	59000	Priority	Medium License # [redacted]	Owner	QZFDP9
Model	Equinox	Model Year	2013	Status	Open	Opened	Sep 23, 2016 5:26 PM
Make	Chevrolet	Warranty Start	12/26/2012 00:00:00	Sub Status		Closed	
Cust Concern	Spanish-Customer alleges vehicle was involved in a accident due to product defect.						
Customer Description	**TN**						

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Service Request Activities – UCC PAR

Incident Loc

Component

Vehicle Loc

Emergency Svc Names

Incident Desc

Damage Desc

Add'l Info

Maint Loc

PAR Detail

Collision

Non Collision

Property Damage

Thermal Event

Spec Equip

Vehicle Speed

Weather Condition

Prop Owner

Property Type

Last Service Date

Loc Last Service

Property Location

Prop Est Repair Cost

Veh Est Repair Cost

Spec Equip Installer

Prop Damage Description

Service Request Activities – UCC PAR

Primary Veh Use		Inspection Type		Inspected By		Inspection Date/Time	
Veh Damage Description				Explain Other			

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 23, 2016 6:25 PM	QZFDP9	ESISBIQU	Escalation	ESIS - CAC Injury	In Progress		ESIS Escalation

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Mailing address: [redacted]
Phone numbers: [redacted]
Email address (if applicable): [redacted]
VIN: 2GNALPEK7D6[redacted]
Year, Make, Model: 2013 Chevrolet Equinox
Current Mileage: 59K
Involved dealer (if applicable): No
Date of the incident: 8/22/16
Accident Location: Nashville, TN / Walce Rd & Apache Trail
Brief description of the situation and the customer's allegation: I was coming out of my place at 7am. The windows were very foggy. When i was already in the street in my own lane i stop the veh to use the wipers and they werent working. I was blinded i couldnt see anything. I was hit from my side from another veh and was more blinded with the airbags deployed.
Brief description of damage to property, other than vehicle: Other veh that hit me. My insurance cover his repairs.
Was insurance claim filed?: Yes
Has the vehicle been repaired?: No it was total loss
Is the vehicle in the owner's possession and where is it currently located?: No, my insurance took the veh
Did anyone seek professional medical attention?: Yes
Details of injuries > Capture names and types of injuries for all involved: Hit my head, pain in my neck & back wasnt able to follow up dont have any medical insurance.

Injured Party Seating Location: Driver seat
Best time to call customer? Anytime

JessicaHernandez/CAC/ATX/Spanish

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 23, 2016 6:07 PM	QZFDP9	DZZN9J	Manager Review	Escalation	Done	09/23/2016 18:13:57	ESIS - Injury

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

[redacted]
Phone [redacted]
Email address (if applicable): [redacted]
VIN: 2GNALPEK7D6[redacted]
Year, Make, Model: 2013 Chevrolet Equinox
Current Mileage: 59K
Involved dealer (if applicable): No
Date of the incident: 8/22/16
Accident Location: Nashville, TN / Walce Rd & Apache Trail
Brief description of the situation and the customer's allegation: I was coming out of my place at 7am. The windows were very foggy. When i was already in the street in my own lane i stop the veh to use the wipers and they werent working. I was blinded i couldnt see anything. I was hit from my side from another veh and was more blinded with the airbags deployed.
Brief description of damage to property, other than vehicle: Other veh that hit me. My insurance cover his repairs.
Was insurance claim filed?: Yes
Has the vehicle been repaired?: No it was total loss
Is the vehicle in the owner's possession and where is it currently located?: No, my insurance took the veh
Did anyone seek professional medical attention?: Yes
Details of injuries > Capture names and types of injuries for all involved: Hit my head, pain in my neck & back wasnt able to follow up dont have any medical insurance.
Injured Party Seating Location: Driver seat
Best time to call customer? Anytime

JessicaHernandez/CAC/ATX/Spanish

OTS Approved
Nicole.ATX.Spanish/T2 TL

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 23, 2016 6:02 PM	QZFDP9	QZFDP9	Inbound Call Customer	Customer	Done	09/23/2016 18:07:31	Documentation Continues...

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Injured Party Seating Location: Driver seat
Best time to call customer? Anytime

Cust Sks: Assistance

Adv Sts: Ill forward your case to a different department to further assist. Should be contact within 24-48 hrs.

Cust Sts: Okay. I need to know whats going to happen i have medial bills that my insurance doesnt want to cover. They dont want to be involved since they already cover the repairs to the other veh. They are stating i was at fault. Also im currently without transportation. I was only able to rent a veh for a week it was too much money. I have no job.

JessicaHernandez/CAC/ATX/Spanish

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 23, 2016 5:43 PM	QZFDP9	QZFDP9	Inbound Call Customer	Complex Request	Done	09/23/2016 18:02:00	Customer alleges vehicle was involved in a accident due to product defect.

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Cust Sts: I received a recall letter 25302. I was involved in a accident that almost killed me due to the recall.

Mailing address: [redacted]
Phone numbers: [redacted]
Email address (if applicable): [redacted]
VIN: 2GNALPEK7D6[redacted]

Service Request Activities – UCC PAR

Year, Make, Model: 2013 Chevrolet Equinox
Current Mileage: 59K
Involved dealer (if applicable): No
Date of the incident: 8/22/16
Accident Location: Nashville, TN / Walce Rd & Apache Trail
Brief description of the situation and the customer's allegation: I was coming out of my place at 7am. The windows were very foggy. When i was already in the street in my own lane i stop the veh to use the wipers and they werent working. I was blinded i couldnt see anything. I was hit from my side from another veh and was more blinded with the airbags deployed.
Brief description of damage to property, other than vehicle: Other veh that hit me. My insurance cover his repairs.
Was insurance claim filed?: Yes
Has the vehicle been repaired?: No it was total loss
Is the vehicle in the owner's possession and where is it currently located?: No, my insurance took the veh
Did anyone seek professional medical attention?: Yes
Details of injuries > Capture names and types of injuries for all involved: Hit my head, pain in my neck & back wasnt able to follow up dont have any medical insurance.

JessicaHernandez/CAC/ATX/Spanish

Confidential Comments

UCC Information

UCC Code	Description	Symptom
N51	Electrical - Power Windshield Wiper - Motor / Blades / Arms	No Symptom Indicated

End of Report

Service Request Activities – UCC PAR

Service Request Detail

SR No.	71[redacted]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CAC
Address	[redacted]			Approval	Not Initiated	Area	Initial Survey
City	[redacted]	Zip [redacted]	State [redacted]	UCC	Non Component GM	Sub-Area	Unable to Contact
Last Name	[redacted]	First Name	[redacted]	Involved Dlr	Integrity Chevrolet	Safety	No
Daytime #	[redacted]	Evening #		Source	Survey	Updated	07/05/2013 12:49:39
Serial/VIN #	2GNALPEK7D6[redacted]	Mileage		Priority	Medium License # [redacted]	Owner	OLAJAYJU
Model	Equinox	Model Year	2013	Status	Closed	Opened	Jul 5, 2013 12:47 AM
Make	Chevrolet	Warranty Start	12/26/2012 00:00:00	Sub Status	Unable to Contact	Closed	Jul 5, 2013 12:49 AM
Cust Concern	SFE_Dsat with Chevrolet?						
Customer Description							

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Incident Loc		Incident Desc	

Service Request Activities – UCC PAR

Component		**Damage Desc**	
Vehicle Loc		**Add'l Info**	
Emergency Svc Names		**Maint Loc**	

PAR Detail

Collision		**Non Collision**		**Property Damage**		**Thermal Event**		**Spec Equip**	
Vehicle Speed				**Weather Condition**				**Prop Owner**	**Property Type**
Last Service Date				**Loc Last Service**				**Property Location**	**Prop Est Repair Cost**
Veh Est Repair Cost				**Spec Equip Installer**				**Prop Damage Description**	
Primary Veh Use				**Inspection Type**				**Inspected By**	**Inspection Date/Time**

Veh Damage Description		Explain Other	

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jul 5, 2013 12:49 AM	OLAJAYJU	OLAJAYJU	SR Closed - Unable to Contact		Done	07/05/2013 12:49:38	Service Request has been Closed Unable to Contact.

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jul 5, 2013 12:48 AM	OLAJAYJU	OLAJAYJU	Outbound Call Customer	Left Message	Done	07/05/2013 12:49:35	[redacted]

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

[redacted]TN) reached VM

Left Message to discuss survey comments
Provided SR and CAC contact info including hours of operation for reference
Warranty Status based on GWM warranty start date and last service date

julie.mla.cac.rr.t1.lvl1
1-866-790-5600 x 12807

Confidential Comments

Service Request Activities – UCC PAR

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jul 5, 2013 12:47 AM	SADMIN	OLAJAYJU	Inbound Survey	Customer	Done	07/05/2013 12:48:01	Scanned: 2013-06-25-08.30.04.000000, SourceDocNum: VIN, worklist : SURVEYS - SFE SR Status: Open

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

SFE
Name: [redacted]
Tel Number: [redacted] TN)
Address: [redacted]
Email Address: [redacted]
BAC: () 278[redacted]
VIN: () D6[redacted]

Cust sts: It has nothing to do with the dlr
-we are not sure we will lease another Chevy
-we will shop around

Cust sks:

CRS adv: call cust for follow up on survey comments
OB disclaimer
Verify concern
Empathize, ask for details
Who did the cust deal with?
How is the veh doing? Current Mileage?
How can CAC Help?
Need to call the dlr for input and to relay your feedback (obtain cust buy-in)
BNTC/ BTTC

RECAP

Julie.mla.cac.rr.t1.lvl1
1-866-790-5600 x 12807

Confidential Comments

UCC Information

Service Request Activities – UCC PAR

UCC Code	Description	Symptom
S96	Non Component GM	Chevrolet

End of Report

Master Record Number	[redacted]
Type Of Crash	Injury-Possible
Approved By	225764

Tennessee Electronic Traffic Crash Report

Incident Information

Date of Crash	Day Of Crash	Local Agency Number	Reporting Agency Name	Agency Tracking Number
8/22/2016	Monday	[redacted]	Metropolitan Nashville Police Dept	[redacted]

Time of Crash	Time Notified	Time Arrived	County	City
07:30	07:31	07:39	Davidson	Nashville

Total Vehicles	Total Occupants	Total Non-Occupants	Total Killed	Total Injured	Total Uninjured
2	3	0	0	1	2

Hit and Run	Solved	Police Pursuit	School Bus Involved	Photos Taken	By	Photographer Name
N		N	No	N		

Area	Interchange Related	Intersection Type
Residential	N	Not at Intersection

Block Number	Roadway Number	Roadway Name	Suffix	Mile Marker
		WILLARD DR		0.00

Estimated Distance	Distance Type	Direction	From Highway/Intersection	Suffix	Intersect Number
469.00	Feet	North	SYFERT LN		

Roadway Local Id	Intersect Local Id

Relation To Junction	Relation to Roadway	Route Signing
Non-Junction	On Roadway	Municipal Route

Work Zone	Construction Zone
None	

Construction Location	Workers Present

First Harmful Event	Trafficway Type
Motor Vehicle-In-Transport On Same Roadway	Trafficway-OPEN

Weather Conditions	Light conditions	Latitude	Longitude	Rail Crossing Id
	Daylight	36.071070	86.695770	

Manner of Collision
Angle

1st Collision Factor	2nd Collision Factor	3rd Collision Factor

Incident Management

Secondary Crash	Secondary Crash Type	Blockage Occurred
N		N

Roadway / Lanes Blocked	Roadway Lanes/ Cleared

Lanes Blocked

Incident Started	Incident Cleared

Investigating Officer Details

Investigation Complete	Rank	First Name	Middle Initial	Last Name	Suffix
Y	POII	[redacted]	[redacted]	[redacted]	

Badge Number	District/Zone	Car Number	Report Date
[redacted]	321	321A	08/22/2016

Assisting Officers

Rank	First Name	Middle Name	Last Name	Suffix
POII	[redacted]		[redacted]	

Badge Number	District / Zone	Car Number	Report Signed	Report Date
[redacted]	321	322A		

Vehicle Number	Number of Occupants	Driver Presence
1	2	Driver Operated

Driver Information

First Name	Middle Initial	Last Name	Suffix	Date Of Birth	Age
[redacted]	[redacted]	[redacted]		[redacted]	[redacted]

Address Line 1	Address Line 2	City	State	Zip Code
[redacted]		[redacted]	[redacted]	[redacted]

Phone 1	Phone 2	Phone 3	Race	Ethnicity	Gender
[redacted]			Black or African American	Non-Hispanic	M

Drivers License Number	Drivers License State	Expiration Date	Drivers License Class	Drivers License Status
[redacted]	TN	2024	D	Valid

Safety Equipment	Airbag	Seat Position
Unknown	AirBag Available-No Deployment	Front Seat-Left Side

Endorsement 1	Complied With	Endorsement 2	Complied With	Endorsement 3	Complied With
None					

Restriction 1	Complied With	Restriction 2	Complied With	Restriction 3	Complied With
None					

Ejected	Ejection Path	Trapped/Extricated
Not Ejected		Not Trapped

Injury Code	Medical Transport	Ambulance/Hospital
No Injury	Not Transported	

Driver Conditions and Actions

Hit and Run	Driver/Vehicle Maneuver	Distraction
No Hit And Run	Going Straight	None

Driver's 1st Condition	Driver's 2nd Condition	Driver's 3rd Condition
Appeared Normal		

Driver's 1st Action	Drivers 2nd Action
None	

Driver's 3rd Action	Driver's 4th Action

Alcohol and Drugs

Presence of Alcohol	Determination Method	Alcohol Test Status
No	Observed	Test Not Given

1st Alcohol Test Type	1st Alcohol Test Result	2nd Alcohol Test Type	2nd Alcohol Test Result

Presence of Drugs	Determination Method	Drug Test Status
No	Observed	Test Not Given

1st Drug Test Type	1st Drug Test Result	2nd Drug Test Type	2nd Drug Test Result	3rd Drug Test Type	3rd Drug Test Result

Driver Violations

1st Violation	1st Violation Category	1st Violation Description	1st Violation Statute
2nd Violation	2nd Violation Category	2nd Violation Description	2nd Violation Statute
3rd Violation	3rd Violation Category	3rd Violation Description	3rd Violation Statute
4th Violation	4th Violation Category	4th Violation Description	4th ViolationStatute
5th Violation	5th Violation Category	5th Violation Description	5th ViolationStatute

Vehicle Information

Owner Same as Driver	Owner First Name	Owner Middle Name	Owner Last Name	Owner Suffix
N	[redacted]		[redacted]	

Address Line 1	Address Line 2	City	State	Zip Code	Phone 1
[redacted]		[redacted]	[redacted]	[redacted]	[redacted]

Phone 2	Phone 3	Vehicle Year	Vehicle Make	Vehicle Model	Color
		2004	NISS	QST	Tan

VIN	License Plate Number	State	Plate Expiration	Body Style
5N1BV28U74N36[redacted]	[redacted]	Tennessee	102016	Minivan

HAZMAT?	FMCSA Reportable?	Bus Use	Unit Type
N	N	Not Used As School Bus	Motor Vehicle In-Transport

Gross Weight	Vehicle Configuration
10000 or Less-No Haz-8 Or Less	

Vehicle Operation Type	Cargo Body Type
Personally Owned/Used	

1st Factor	2nd Factor	3rd Factor
NONE		

Vehicle Special Use	Emergency Use	Override/Underride
No Special Use	N	No Underride-Override

Towed	Towed Location
Towed Due To Vehicle Damage	CUSTOM'S TOW LOT

1st Trailer	1st Trailer License Plate Information	2nd Trailer	2nd Trailer License Information

Insurance 1	Insurance 1 Type	Insurance 1 Carrier	Insurance 1 Start Date	Insurance 1 End Date
[redacted]	Vehicle	STATE FARM	6/6/2016	1/29/2017
Insurance 2	Insurance 2 Type	Insurance 2 Carrier	Insurance 2 Start Date	Insurance 2 End Date
Insurance 3	Insurance 3 Type	Insurance 3 Carrier	Insurance 3 Start Date	Insurance 3 End Date

Vehicle Damage and Roadway Characteristics

Most Harmful Event	Fire in Vehicle
Motor Vehicle-In-Transport On Same Roadway	N

Events 1	Events 2	Events 3
Motor Vehicle-In-Transport On Same Roadway		

Events 4	Events 5	Events 6

Point of First Impact	Extent of Damage	Officer Damage Estimate
Left Side-Center	Disabling Damage	Greater Than 400 Dollars

Areas of Vehicle Damage
Left Side-Center, Left Side-Near Rear, Left Side-Far Rear

Travel Direction	Traveling On
West	WEST ON WILLARD DRIVE

Trafficway Flow	Roadway Surface Type	Number of Travel Lanes
Two-Way Not Divided	Asphalt	Two Lanes

Trafficway Hazards
None

Traffic Control Devices	Traffic Control Device Functioning	Roadway Route Signing
No Control	No Controls	Municipal Route

Roadway Surface Conditions	Roadway Character Alignment	Roadway Character Profile
Dry	Curve Right	Grade

Speed Limit	Access control
30	No Control

Occupants

Person Type						
Passenger						
First Name [redacted]	Middle Name [redacted]	Last Name [redacted]		Suffix	Date Of Birth [redacted]	Age [redacted]
Address Line 1 [redacted]	Address Line 2		City [redacted]		State [redacted]	Zip Code [redacted]
Phone 1 [redacted]	Phone 2	Phone 3	Gender		Seating Position	
			F		Second Seat-Right Side	
Airbag	Safety Equipment					
Not Available	Unknown					
Ejected	Ejection Path				Trapped/Extricated	
Not Ejected					Not Trapped	
Injury Code	Medical Transport				Ambulance/Hospital	
No Injury	Not Transported					

Alcohol and Drugs

Presence of Alcohol	Determination Method	Alcohol Test Status

1st Alcohol Test Type	1st Alcohol Test Result	2nd Alcohol Test Type	2nd Alcohol Test Result

Presence Of Drugs	Determination Method	Drug Test Status

1st Drug Test Type	1st Drug Test Result	2nd Drug Test Type	2nd Drug Test Result	3rd Drug Test Type	3rd Drug Test Result

Violations

1st Violation	1st Violation Category	1st Violation Description	1st Violation Statute
2nd Violation	2nd Violation Category	2nd Violation Description	2nd Violation Statute
3rd Violation	3rd Violation Category	3rd Violation Description	3rd Violation Statute
4th Violation	4th Violation Category	4th Violation Description	4th Violation Statute
5th Violation	5th Violation Category	5th Violation Description	5th Violation Statute

Commercial Carrier Information

US DOT	Carrier Name	Carrier Type	ICC MC	TN DOS

Address Line 1	Address Line 2	City	State	Zip Code	Phone

1st Hazardous Materials	HAZMAT Class	Placard	Placard #	Released	Hazardous Materials Released
2nd Hazardous Materials	HAZMAT Class	Placard	Placard #	Released	Hazardous Materials Released
3rd Hazardous Materials	HAZMAT Class	Placard	Placard #	Released	Hazardous Materials Released

Vehicle Number	Number of Occupants	Driver Presence
2	1	**Driver Operated**

Driver Information

First Name	Middle Initial	Last Name	Suffix	Date Of Birth	Age
[redacted]	[redacted]	[redacted]		[redacted]	[redacted]

Address Line 1	Address Line 2	City	State	Zip Code
[redacted]		[redacted]	[redacted]	[redacted]

Phone 1 / Phone 2	Phone 3	Race	Ethnicity	Gender
[redacted]		**Caucasian/Mexican/Puerto Rican/Other White**	**Hispanic**	**F**

Drivers License Number	Drivers License State	Expiration Date	Drivers License Class	Drivers License Status
[redacted]	[redacted]	**2019**	**D**	**Valid**

Safety Equipment	Airbag	Seat Position
Unknown	**From Multiple Direction**	**Front Seat-Left Side**

Endorsement 1	Complied With	Endorsement 2	Complied With	Endorsement 3	Complied With
None					

Restriction 1	Complied With	Restriction 2	Complied With	Restriction 3	Complied With
None					

Ejected	Ejection Path	Trapped/Extricated
Not Ejected		**Not Trapped**

Injury Code	Medical Transport	Ambulance/Hospital
Possible Injury	**EMS-Ground**	**SOUTHERN HILLS HOSPITAL**

Driver Conditions and Actions

Hit and Run	Driver/Vehicle Maneuver	Distraction
No Hit And Run	**Going Straight**	**None**

Driver's 1st Condition	Driver's 2nd Condition	Driver's 3rd Condition
Appeared Normal		

Driver's 1st Action	Drivers 2nd Action
Failure To Keep In Proper Lane	

Driver's 3rd Action	Driver's 4th Action

Alcohol and Drugs

Presence of Alcohol	Determination Method	Alcohol Test Status
No	**Observed**	**Test Not Given**

1st Alcohol Test Type	1st Alcohol Test Result	2nd Alcohol Test Type	2nd Alcohol Test Result

Presence of Drugs	Determination Method	Drug Test Status
No	**Observed**	**Test Not Given**

1st Drug Test Type	1st Drug Test Result	2nd Drug Test Type	2nd Drug Test Result	3rd Drug Test Type	3rd Drug Test Result

Driver Violations

1st Violation	1st Violation Category	1st Violation Description	1st Violation Statute
2nd Violation	2nd Violation Category	2nd Violation Description	2nd Violation Statute
3rd Violation	3rd Violation Category	3rd Violation Description	3rd Violation Statute
4th Violation	4th Violation Category	4th Violation Description	4th ViolationStatute
5th Violation	5th Violation Category	5th Violation Description	5th ViolationStatute

Vehicle Information

Owner Same as Driver	Owner First Name	Owner Middle Name	Owner Last Name	Owner Suffix
Y	[redacted]	[redacted]	TRIPPIEDI	

Address Line 1	Address Line 2	City	State	Zip Code	Phone 1
[redacted]		[redacted]	[redacted]	[redacted]	[redacted]

Phone 2	Phone 3	Vehicle Year	Vehicle Make	Vehicle Model	Color
		2013	CHEV	EQU	Black

VIN	License Plate Number	State	Plate Expiration	Body Style
2GNALPEK7D[redacted]	[redacted]	[redacted]	[redacted]	Large Utility

HAZMAT?	FMCSA Reportable?	Bus Use	Unit Type
N	N	Not Used As School Bus	Motor Vehicle In-Transport

Gross Weight	Vehicle Configuration
10000 or Less-No Haz-8 Or Less	

Vehicle Operation Type	Cargo Body Type
Personally Owned/Used	

1st Factor	2nd Factor	3rd Factor
NONE		

Vehicle Special Use	Emergency Use	Override/Underride
No Special Use	N	No Underride-Override

Towed	Towed Location
Towed Due To Vehicle Damage	CUSTOM'S

1st Trailer	1st Trailer License Plate Information	*2nd Trailer*	*2nd Trailer License Information*

Insurance 1	Insurance 1 Type	Insurance 1 Carrier	Insurance 1 Start Date	Insurance 1 End Date
[redacted]	Vehicle	GENERAL	5/13/2016	5/13/2017
Insurance 2	Insurance 2 Type	Insurance 2 Carrier	Insurance 2 Start Date	Insurance 2 End Date
Insurance 3	Insurance 3 Type	Insurance 3 Carrier	Insurance 3 Start Date	Insurance 3 End Date

Vehicle Damage and Roadway Characteristics

Most Harmful Event	Fire in Vehicle
Motor Vehicle-In-Transport On Same Roadway	N

Events 1	Events 2	Events 3
Motor Vehicle-In-Transport On Same Roadway		

Events 4	Events 5	Events 6

Point of First Impact	Extent of Damage	Officer Damage Estimate
Left Side-Far Front	Disabling Damage	Greater Than 400 Dollars

Areas of Vehicle Damage
Left Side-Far Front, Left Side-Near Front

Travel Direction	*Traveling On*
East	EAST ON WILLARD DRIVE

Trafficway Flow	Roadway Surface Type	Number of Travel Lanes
Two-Way Not Divided	Asphalt	Two Lanes

Trafficway Hazards
None

Traffic Control Devices	Traffic Control Device Functioning	Roadway Route Signing
No Control	No Controls	*Municipal Route*

Roadway Surface Conditions	Roadway Character Alignment	Roadway Character Profile
Dry	Curve Left	Grade

Speed Limit	Access control
30	No Control

Commercial Carrier Information

US DOT	Carrier Name	Carrier Type	ICC MC	TN DOS

Address Line 1	Address Line 2	City	State	Zip Code	Phone

1st Hazardous Materials	HAZMAT Class	Placard	Placard #	Released	Hazardous Materials Released
2nd Hazardous Materials	HAZMAT Class	Placard	Placard #	Released	Hazardous Materials Released
3rd Hazardous Materials	HAZMAT Class	Placard	Placard #	Released	Hazardous Materials Released

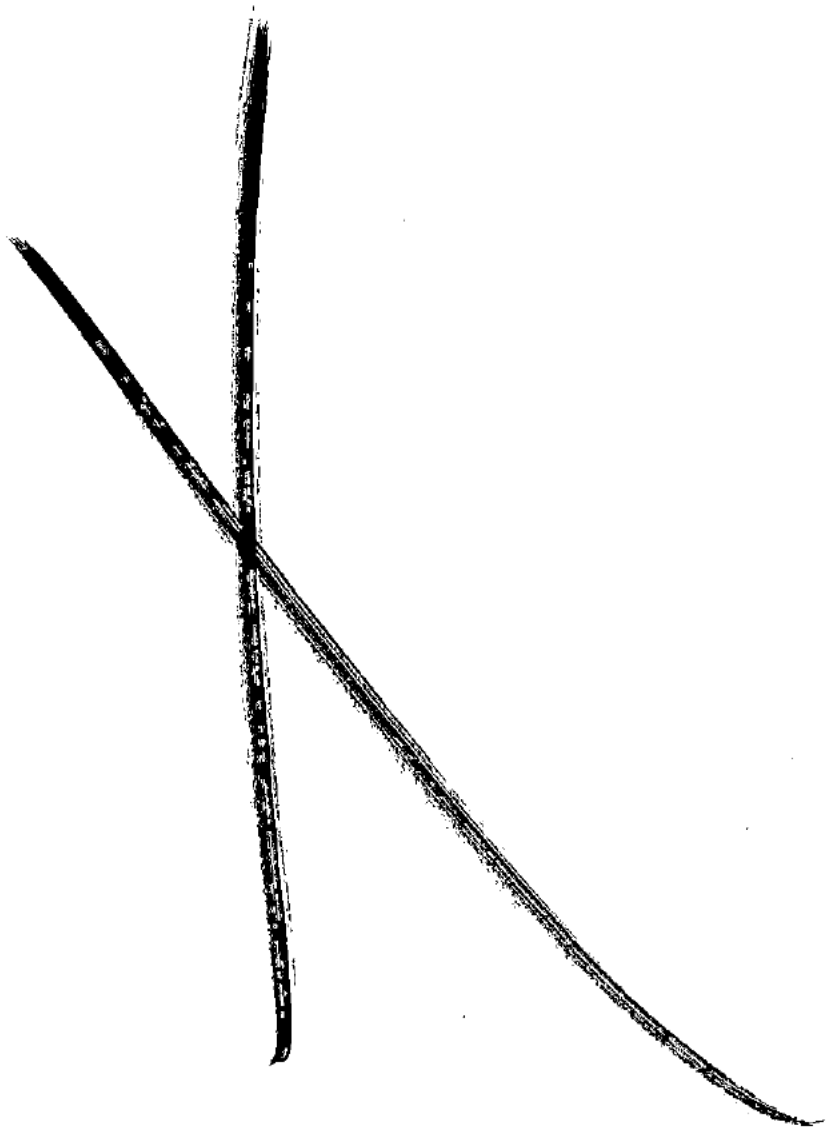
[redacted]

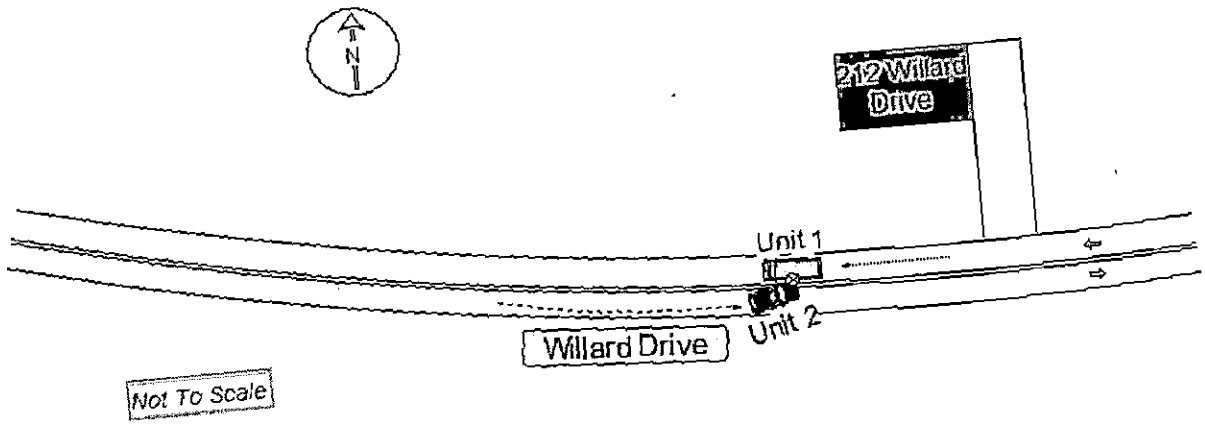
Narrative

The driver, [redacted], of unit 1, stated he was traveling Westbound on Willard Drive, prior to East Ridge Drive, when unit 2 crossed the yellow double-lined center lane and impacted unit 1.

The driver, [redacted] of unit 2, stated she was traveling Eastbound on Willard Drive, prior to Ezell Road, and was impacted by unit 1. [redacted] was unable to provide further details, as the air-bag deployment made her dizzy.

Based on the damage to both vehicles, driver statements, and tire marks, police concluded [redacted] failed to keep in proper lane, based on tire marks which clearly showed unit 2 crossed the yellow center lines.




N
212 Willard Drive
Unit 1
Unit 2
Willard Drive
Not To Scale

[redacted]

Account No. [redacted] GMC-MI VM

Attention : [redacted]

ESIS GM CLAIMS

Customer Service:

Metro Reporting Customer Support 1-800-245-6686 or [redacted]

Metropolitan Reporting Bureau
BOX 926, William Penn Annex
Philadelphia, PA 19105-0926
FAX (800) 343-9047

Type of Report: AUTO ACCIDENT

INSURED : GENERAL MOTORS

CLAIM NUMBER: [redacted]

POLICY NUM. :

DATE OF LOSS: 08/22/16

LOSS STREET : WALACE RD & APACHE TRAIL

LOSS CITY : NASHVILLE TN

POLICE DEPT.:

REPORT NUM. : [redacted]

INS. DRIVER : [redacted]

OTHER DRIVER:

PCT./DIST. :

DESC.OF OTHER:

THANK YOU FOR THE ORDER!

Any questions or problems please feel free to contact us.

PH. (800) 245-6686 or [redacted]

[redacted]

CARFAX® Vehicle History Report™

An independent company established in 1986

US $39.99

Vehicle Information:
2013 CHEVROLET EQUINOX LT
VIN: 2GNALPEK7D[redacted]
4 DOOR WAGON/SPORT UTILITY
2.4L L4 DIR DOHC 16V
FRONT WHEEL DRIVE

CARFAX Report Provided By:
ESIS GM
300 Renaissance Ctr
Detroit, MI 48243
586-212-2141

- Total loss vehicle
- Airbag deployed
- **3** Previous owners
- **11** Service history records
- Types of owners: Personal lease, Lease, Personal
- **60,000** Last reported odometer reading



This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 9/26/16 at 9:30:37 AM (EDT). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

Ownership History

The number of owners is estimated

	Owner 1	Owner 2	Owner 3
Year purchased	2012	2014	2016
Type of owner	Personal lease	Lease	Personal
Estimated length of ownership	4 months	1 yr. 4 mo.	4 months
Owned in the following states/provinces	Tennessee	Tennessee	Tennessee
Estimated miles driven per year	---	18,390/yr	---
Last reported odometer reading	27,847	54,113	60,000

Title History

CARFAX guarantees the information in this section

	Owner 1	Owner 2	Owner 3
Salvage | Junk | Rebuilt | Fire | Flood | Hail | Lemon	No Problem	No Problem	No Problem
Not Actual Mileage | Exceeds Mechanical Limits	No Problem	No Problem	No Problem

Additional History

Not all accidents / issues are reported to CARFAX

	Owner 1	Owner 2	Owner 3
Total Loss Total loss reported on 08/22/2016.	No Issues Reported	No Issues Reported	Total Loss Reported
Structural Damage No structural damage reported to CARFAX.	No Issues Reported	No Issues Reported	No Issues Reported

Airbag Deployment Airbag deployment reported on 08/22/2016.	No Issues Reported	No Issues Reported	Airbag Deployment
Odometer Check No indication of an odometer rol back.	No Issues Indicated	No Issues Indicated	No Issues Indicated
Accident / Damage Accidents reported on: 03/23/2015 and 08/22/2016.	No Issues Reported	Accident Reported	Accident Reported
Manufacturer Recall No open recalls reported to CARFAX. Check for open recalls on GM vehicles at recalls.gm.com.	No Recalls Reported	No Recalls Reported	No Recalls Reported

CARFAX Detailed History

Glossary

Owner 1

Purchased:	2012
Type:	Personal lease
Where:	Tennessee
Est. length owned:	12/22/12 - 5/21/13 (4 months)

Date:	Mileage:	Source:	Comments:
Original Equipment		OnStar	Vehicle equipped with OnStar Get 3 free months of premium OnStar with Automatic Crash Response, Roadside Assistance and Remote Door Unlock by pressing the blue OnStar button Learn more
11/05/2012		Dealer Inventory Chattanooga, TN	Vehicle offered for sale
11/09/2012	12	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Vehicle serviced
12/22/2012		Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Vehicle sold
12/22/2012		Tennessee Motor Vehicle Dept.	Vehicle purchase reported Titled or registered as personal lease vehicle
02/13/2013	2,250	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Vehicle serviced
02/15/2013		Tennessee Motor Vehicle Dept. Cockeysville, MD Title # [redacted]	Title or registration issued First owner reported Loan or lien reported Vehicle color noted as Green
04/03/2013	3,653	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Maintenance inspection completed Oil and filter changed
05/21/2013		Dealer Inventory	Vehicle offered for sale
08/30/2013	8,672	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Vehicle serviced
12/13/2013	13,984	Integrity Chevrolet Chattanooga, TN	Maintenance inspection completed Oil and filter changed

		423-855-0550 integritychevrolet.com/	
02/05/2014	16,000	Tennessee Inspection Station Hamilton County	Passed emissions inspection
02/11/2014		Tennessee Motor Vehicle Dept. Cockeysville, MD Title # [redacted]	Registration issued or renewed Loan or lien reported Vehicle color noted as Green
04/15/2014	21,409	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Maintenance inspection completed Oil and filter changed Tires rotated Transmission seal(s) replaced
08/01/2014	27,847	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Maintenance inspection completed Maintenance reminder reset Oil and filter changed

Owner 2

Purchased:	2014
Type:	Lease
Where:	Tennessee
Est. miles/year:	18,390/yr
Est. length owned:	8/29/14 - 1/19/16 (1 yr. 4 mo.)

Date:	Mileage:	Source:	Comments:
08/29/2014		Tennessee Motor Vehicle Dept. Cleveland, TN Title # [redacted]	Registration issued or renewed Correction to record New owner reported Loan or lien reported Titled or registered as lease vehicle Vehicle color noted as Green
12/05/2014	35,219	Don Ledford Pontiac,GMC, Buick, Cadillac Cleveland, TN 423-476-1191 donledford.com	Maintenance inspection completed Recommended maintenance performed
02/10/2015		Tennessee Motor Vehicle Dept. Cleveland, TN Title # [redacted]	Registration issued or renewed Loan or lien reported Titled or registered as lease vehicle Vehicle color noted as Green
03/23/2015		Tennessee Damage Report	Accident reported Involving front impact with another motor vehicle Functional damage reported Airbags did not deploy
04/20/2015	41,873	Don Ledford Pontiac,GMC, Buick, Cadillac Cleveland, TN 423-476-1191 donledford.com	Maintenance inspection completed Oil and filter changed
08/07/2015	47,981	Don Ledford Pontiac,GMC, Buick, Cadillac Cleveland, TN 423-476-1191 donledford.com	Maintenance inspection completed Oil and filter changed
12/15/2015	54,113	Inspection Report	Vehicle inspected in preparation for sale at auction Condition reported as above average
01/19/2016		Auto Auction	Vehicle sold at auction

Owner 3

Purchased:	2016
Type:	Personal
Where:	Tennessee
Est. length owned:	5/16/16 - present (4 months)

Date:	Mileage:	Source:	Comments:
05/16/2016	54,959	Tennessee Motor Vehicle Dept.	Vehicle purchase reported
05/31/2016		Tennessee Motor Vehicle Dept. Nashville, TN Title [redacted]	Title or registration issued New owner reported Loan or lien reported Vehicle color noted as Gray
07/30/2016	60,000	Valvoline Instant Oil Change Antioch, TN 615-731-7818 vioc.com	Oil and filter changed
08/22/2016		Tennessee Damage Report	Accident reported Involving front impact Involving left side impact with another motor vehicle Disabling damage reported Moderate damage reported Multiple airbags deployed CARFAX Airbag Tips
08/22/2016		Damage Report Tennessee	**TOTAL LOSS VEHICLE** Vehicle declared a total loss by an insurance company Collision damage reported



There are many reasons an insurance company will declare a vehicle a total loss. Have this vehicle inspected by a qualified technician before you buy. Learn more

Have Questions? Consumers, please visit our Help Center at www.carfax.com. Dealers or Subscribers, please visit our Help Center at www.carfaxonline.com.

CARFAX Glossary

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Accident / Damage Indicator
CARFAX receives information about accidents in all 50 states, the District of Columbia and Canada. Different information in a vehicle's history can indicate an accident or damage, such as: salvage auction, fire damage, police-reported accident, crash test vehicle, damage disclosure, collision repair facility and automotive recycler records. Not every accident or damage event is reported and not all reported are provided to CARFAX. Details about the accident or damage event when reported to CARFAX (e.g. severity, impact location, airbag deployment) are included on the Vehicle History Report. CARFAX recommends you obtain a vehicle inspection from your dealer or an independent mechanic.

- According to the National Safety Council, Injury Facts, 2015 edition, 8% of the 254 million registered vehicles in the U.S. were involved in an accident in 2013. Over 74% of these were considered minor or moderate.
- CARFAX depends on many sources for its accident / damage data. CARFAX can only report what is in our database on 9/26/16 at 9:30:37 AM (EDT). New data will result in a change to this report.

Tennessee Damage Reports:

- Provide an estimate of the extent of damage in its accident reports for the following:
  - SEVERE/TOTALED: The vehicle cannot be driven from the accident scene due to severe damage or an injury. This level of damage often results in a Salvage or Junk title.
  - MODERATE: The accident damage affects the operation of the vehicle and/or its parts. Examples include broken windows, trunk lids, doors, bumpers and tires.
  - MINOR: The accident damage does not affect the operation of the vehicle. Examples include dented bumpers, fenders, grills and body panels. This level of accident should not compromise vehicle safety.

- Are required if the estimated damage exceeds $400

Airbag Deployment
Occurs when the driver, passenger or side airbag has been used or deployed during a crash or other incident. If an airbag has been deployed, it must be replaced by a qualified technician. Have this car inspected by a mechanic prior to purchase. Use CARFAX Airbag Tips to make sure this vehicle's airbag system is functional.

First Owner
When the first owner(s) obtains a title from a Department of Motor Vehicles as proof of ownership.

Lease
When someone leases a car from a dealer, the dealer actually sells the vehicle to a leasing company. The leasing company then collects payments for the vehicle from the new owner for 24, 36, 48 or more months. A leasing company can be an independent car dealer or a car manufacturer.

New Owner Reported
When a vehicle is sold to a new owner, the Title must be transferred to the new owner(s) at a Department of Motor Vehicles.

Ownership History
CARFAX defines an owner as an individual or business that possesses and uses a vehicle. Not all title transactions represent changes in ownership. To provide estimated number of owners, CARFAX proprietary technology analyzes all the events in a vehicle history. Estimated ownership is available for vehicles manufactured after 1991 and titled solely in the US including Puerto Rico. Dealers sometimes opt to take ownership of a vehicle and are required to in the following states: Maine, Massachusetts, New Jersey, Ohio, Oklahoma, Pennsylvania and South Dakota. Please consider this as you review a vehicle's estimated ownership history.

Total Loss Vehicle
An insurance or fleet company declares a vehicle a total loss when a claim exceeds approximately 75% of its pre-damage value or if the vehicle is stolen and not recovered. This damage threshold varies by company. These companies typically take possession and obtain the title. Not all total loss vehicles result in a DMV-reported branded title. This may occur when an insurance company's definition of a total loss is different than the state DMV's definition for a branded title or when the owner of the vehicle is a self-insured company, like a fleet or rental company.

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Covered by United States Patent Nos. 7,113,853; 7,778,841; 7,596,512, 8,600,823; 8,595,079; 8,606,648; 7,505,838.
9/26/16 9:30:37 AM (EDT)

CDR File Information

User Entered VIN	2GNALPEK7D6[redacted]
User	[redacted]
Case Number	[redacted]
EDR Data Imaging Date	10/05/2016
Crash Date	08/22/2016
Filename	2GNALPEK7D6[redacted]_ACM.CDRX
Saved on	Wednesday, October 5 2016 at 14:14:35
Collected with CDR version	Crash Data Retrieval Tool 16.6
Reported with CDR version	Crash Data Retrieval Tool 16.6
EDR Device Type	Airbag Control Module
Event(s) recovered	Deployment

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are access ble using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

- -Pretensioner(s) only Deployment
- -Head Rest Deployment
- -Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM. Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events.
The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment and Non-Deployment Events, the SDM will record up to 300 milliseconds of data after time zero. The SDM will also record up to 300 milliseconds of Vehicle Acceleration data after time zero.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.
-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:

- -Significant changes in the tire's rolling radius

-Final drive axle ratio changes
-Wheel lockup and wheel slip
-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates “Data Invalid” if:
-The SDM receives a message with an “invalid” flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates “Data Not Available” if:
-No data is received from the module sending the pre-crash data
-For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM’s lifetime.
-Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM’s lifetime.
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment cal bration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
-The GM parameter name is displayed in parentheses after the NHTSA Part 563 parameter name.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:
All SDM recorded data is measured, calculated, and stored internally, except for the following:
-Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle’s communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01042_SDM10P-autoliv_r017

Event Data General (part one)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DPID $32 Bytes 2-3	$1A84	Ignition Cycle, Download (Ignition Cycles at Investigation)	6788	counts
DID $01 Bytes 0-1	$4155	ESS # 1 Traceability Data, Component Identifier	AU	
DID $01 Bytes 2-5	$32353737	ESS # 1 Traceability Data, Part Number/Broadcast Code	2577	
DID $01 Byte 6	$45	ESS # 1 Traceability Data, Supplier Code	E	
DID $01 Bytes 7-15	$3031364642433 34139	ESS # 1 Traceability Data, Traceability Number	016FBC3A9	
DID $03 Bytes 0-1	$4154	ESS # 2 Traceability Data, Component Identifier	AT	
DID $03 Bytes 2-5	$32353737	ESS # 2 Traceability Data, Part Number/Broadcast Code	2577	
DID $03 Byte 6	$45	ESS # 2 Traceability Data, Supplier Code	E	
DID $03 Bytes 7-15	$3031364633383 94146	ESS # 2 Traceability Data, Traceability Number	016F389AF	
DID $05 Bytes 0-1	$4148	ESS # 3 Traceability Data, Component Identifier	AH	
DID $05 Bytes 2-5	$32353737	ESS # 3 Traceability Data, Part Number/Broadcast Code	2577	
DID $05 Byte 6	$45	ESS # 3 Traceability Data, Supplier Code	E	
DID $05 Bytes 7-15	$3031373034443 63630	ESS # 3 Traceability Data, Traceability Number	01704D660	
DID $07 Bytes 0-1	$414A	ESS # 4 Traceability Data, Component Identifier	AJ	
DID $07 Bytes 2-5	$32353737	ESS # 4 Traceability Data, Part Number/Broadcast Code	2577	
DID $07 Byte 6	$45	ESS # 4 Traceability Data, Supplier Code	E	
DID $07 Bytes 7-15	$3031373031414 33545	ESS # 4 Traceability Data, Traceability Number	01701AC5E	
DID $09 Bytes 0-1	$4441	ESS # 5 Traceability Data, Component Identifier	DA	
DID $09 Bytes 2-5	$34393336	ESS # 5 Traceability Data, Part Number/Broadcast Code	4936	
DID $09 Byte 6	$45	ESS # 5 Traceability Data, Supplier Code	E	
DID $09 Bytes 7-15	$3031364637354 14646	ESS # 5 Traceability Data, Traceability Number	016F75AFF	
DID $0B Bytes 0-1	$4442	ESS # 6 Traceability Data, Component Identifier	DB	
DID $0B Bytes 2-5	$34393336	ESS # 6 Traceability Data, Part Number/Broadcast Code	4936	
DID $0B Byte 6	$45	ESS # 6 Traceability Data, Supplier Code	E	
DID $0B Bytes 7-15	$3031364530374 43344	ESS #6 Traceability Data, Traceability Number	016E07D3D	
DID $0D Bytes 0-1	$3030	ESS # 7 Traceability Data, Component Identifier	00	
DID $0D Bytes 2-5	$30303030	ESS # 7 Traceability Data, Part Number/Broadcast Code	0000	
DID $0D Byte 6	$45	ESS # 7 Traceability Data, Supplier Code	E	
DID $0D Bytes 7-15	$3030303030303 03030	ESS # 7 Traceability Data, Traceability Number	000000000	
DID $0F Bytes 0-1	$3030	ESS # 8 Traceability Data, Component Identifier	00	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $0F Bytes 2-5	$30303030	ESS # 8 Traceability Data, Part Number/Broadcast Code	0000	
DID $0F Byte 6	$45	ESS # 8 Traceability Data, Supplier Code	E	
DID $0F Bytes 7-15	$303030303030303030	ESS # 8 Traceability Data, Traceability Number	000000000	
DID $30 Byte 0	$01	Dynamic Deployment Event Counter	1	counts
DID $30 Bytes 1-2	$0001	Multi-Event, Number of Events (Dynamic Event Counter)	1	counts
DID $30 Byte 3	$01	Dynamic OnStar Notification Event Counter	1	counts

Event Record #1 Data

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 0	$A5	Complete File Recorded (Event Recording Complete)	Yes	
DID $31 Byte 1, bit 7	$F0	Event Record Type	Deployment	
DID $31 Byte 1, bit 6	$F0	Crash Record Locked	Yes	
DID $31 Byte 1, bit 5	$F0	OnStar Deployment Status Data Sent	Yes	
DID $31 Byte 1, bit 4	$F0	OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes	
DID $31 Byte 2	$01	Deployment Event Counter	1	counts
DID $31 Bytes 3-4	$0001	Multi-Event, Number of Events (Event Counter)	1	counts
DID $31 Byte 5	$01	OnStar Notification Event Counter	1	counts
DID $31 Byte 6, bit 3	$0F	Algorithm Active: Rear	Yes	
DID $31 Byte 6, bit 2	$0F	Algorithm Active: Rollover	Yes	
DID $31 Byte 6, bit 1	$0F	Algorithm Active: Side	Yes	
DID $31 Byte 6, bit 0	$0F	Algorithm Active: Frontal	Yes	
DID $31 Bytes 7-8	$1A82	Ignition Cycle, Crash (Ignition Cycles at Event)	6786	counts
DID $31 Bytes 9-10	$FFFF	Time From Event 1 to 2 (Time Between Events)	Data Not Available	seconds
DID $31 Byte 11 bit 0	$00	Concurrent Event Flag Set	No	
DID $31 Byte 14, bit 7	$0E	Event Severity Status: Rollover	No	
DID $31 Byte 14, bit 6	$0E	Event Severity Status: Rear	No	
DID $31 Byte 14, bit 5	$0E	Event Severity Status: Right Side	No	
DID $31 Byte 14, bit 4	$0E	Event Severity Status: Left Side	No	
DID $31 Byte 14, bit 3	$0E	Event Severity Status: Frontal Stage 2	Yes	
DID $31 Byte 14, bit 2	$0E	Event Severity Status: Frontal Stage 1	Yes	
DID $31 Byte 14, bit 1	$0E	Event Severity Status: Frontal Pretensioner	Yes	
DID $31 Byte 15 bit 7	$A3	Driver 1st Stage Deployment Loop Commanded	Yes	
DID $31 Byte 15 bit 6	$A3	Passenger 1st Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 5	$A3	Driver 2nd Stage Deployment Loop Commanded	Yes	
DID $31 Byte 15 bit 3	$A3	Passenger 2nd Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 1	$A3	Driver Pretensioner Deployment Loop #1 Commanded	Yes	
DID $31 Byte 15 bit 0	$A3	Passenger Pretensioner Deployment Loop #1 Commanded	Yes	
DID $31 Byte 16 bit 7	$C3	Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	Yes	
DID $31 Byte 16 bit 6	$C3	Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	Yes	
DID $31 Byte 16 bit 5	$C3	Driver Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 4	$C3	Passenger Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 3	$C3	Left Row 2 Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 2	$C3	Right Row 2 Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 1	$C3	Left Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	Yes	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 16 bit 0	$C3	Right Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	Yes	
DID $31 Byte 17 bit 7	$00	Left Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 6	$00	Right Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 5	$00	Left Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 4	$00	Right Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 3	$00	Driver Knee Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 2	$00	Passenger Knee Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 1	$00	Left Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 0	$00	Right Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 7	$00	Center Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 6	$00	Battery Cutoff Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 5	$00	Driver Roll Bar Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 4	$00	Passenger Roll Bar Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 3	$00	Steering Column Energy Absorbing Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 2	$00	Driver Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 1	$00	Passenger Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 0	$00	Left Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 7	$00	Right Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 6	$00	Center Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 5	$00	High Voltage Battery Cutoff Commanded (If Equipped)	No	
DID $31 Byte 20 bits 7-6	$4C	Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled	
DID $31 Byte 20 bits 5-4	$4C	Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Not Buckled	
DID $31 Byte 20 bits 3-2	$4C	Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 7-6	$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 5-4	$FC	Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 3-2	$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 7-6	$FC	Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 5-4	$FC	Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 3-2	$FC	Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 23 bits 7-6	$F0	Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	Data Not Available	
DID $31 Byte 23 bits 5-4	$F0	Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	Data Not Available	
DID $31 Byte 24 bits 7-5	$00	Passenger Seat Occupancy Status	Empty	
DID $31 Byte 25 bits 7-4	$00	Passenger Classification Status	Not Applicable	
DID $31 Byte 26 bits 7-6	$C0	Passenger SIR Suppression Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 27 bits 7-6	$10	Passenger Air Bag ON Indicator Status	Off	
DID $31 Byte 27 bits 5-4	$10	Passenger Air Bag OFF Indicator Status	On	
DID $31 Byte 28	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-0.5 sec)	0	%
DID $31 Byte 29	$06	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.0 sec)	6	%
DID $31 Byte 30	$0A	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.5 sec)	10	%
DID $31 Byte 31	$1A	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.0 sec)	26	%
DID $31 Byte 32	$1A	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.5 sec)	26	%
DID $31 Byte 33	$1A	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.0 sec)	26	%
DID $31 Byte 34	$1C	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.5 sec)	28	%
DID $31 Byte 35	$1E	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.0 sec)	30	%
DID $31 Byte 36	$21	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.5 sec)	33	%
DID $31 Byte 37	$24	Accelerator Pedal, % Full (Accelerator Pedal Position) (-5.0 sec)	36	%
DID $31 Byte 38 bits 7-6	$00	Service Brake (Brake Switch Circuit State) (-0.5 sec)	Off	
DID $31 Byte 38 bits 5-4	$00	Service Brake (Brake Switch Circuit State) (-1.0 sec)	Off	
DID $31 Byte 38 bits 3-2	$00	Service Brake (Brake Switch Circuit State) (-1.5 sec)	Off	
DID $31 Byte 38 bits 1-0	$00	Service Brake (Brake Switch Circuit State) (-2.0 sec)	Off	
DID $31 Byte 39 bits 7-6	$00	Service Brake (Brake Switch Circuit State) (-2.5 sec)	Off	
DID $31 Byte 39 bits 5-4	$00	Service Brake (Brake Switch Circuit State) (-3.0 sec)	Off	
DID $31 Byte 39 bits 3-2	$00	Service Brake (Brake Switch Circuit State) (-3.5 sec)	Off	
DID $31 Byte 39 bits 1-0	$00	Service Brake (Brake Switch Circuit State) (-4.0 sec)	Off	
DID $31 Byte 40 bits 7-6	$00	Service Brake (Brake Switch Circuit State) (-4.5 sec)	Off	
DID $31 Byte 40 bits 5-4	$00	Service Brake (Brake Switch Circuit State) (-5.0 sec)	Off	
DID $31 Byte 41 bits 7-6	$00	Cruise Control Resume Switch Active (-0.5 sec)	No	
DID $31 Byte 41 bits 5-4	$00	Cruise Control Resume Switch Active (-1.0 sec)	No	
DID $31 Byte 41 bits 3-2	$00	Cruise Control Resume Switch Active (-1.5 sec)	No	
DID $31 Byte 41 bits 1-0	$00	Cruise Control Resume Switch Active (-2.0 sec)	No	
DID $31 Byte 42 bits 7-6	$00	Cruise Control Active (-0.5 sec)	No	
DID $31 Byte 42 bits 5-4	$00	Cruise Control Active (-1.0 sec)	No	
DID $31 Byte 42 bits 3-2	$00	Cruise Control Active (-1.5 sec)	No	
DID $31 Byte 42 bits 1-0	$00	Cruise Control Active (-2.0 sec)	No	
DID $31 Byte 43 bits 7-6	$00	Cruise Control Set Switch Active (-0.5 sec)	No	
DID $31 Byte 43 bits 5-4	$00	Cruise Control Set Switch Active (-1.0 sec)	No	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 43 bits 3-2	$00	Cruise Control Set Switch Active (-1.5 sec)	No	
DID $31 Byte 43 bits 1-0	$00	Cruise Control Set Switch Active (-2.0 sec)	No	
DID $31 Byte 44 bits 7-6	$00	Reduced Engine Power Mode indicator (-0.5 sec)	Off	
DID $31 Byte 44 bits 5-4	$00	Reduced Engine Power Mode indicator (-1.0 sec)	Off	
DID $31 Byte 44 bits 3-2	$00	Reduced Engine Power Mode indicator (-1.5 sec)	Off	
DID $31 Byte 44 bits 1-0	$00	Reduced Engine Power Mode indicator (-2.0 sec)	Off	
DID $31 Byte 45	$1E	Engine RPM (Engine Speed) (-0.5 sec)	1920	RPM
DID $31 Byte 46	$1F	Engine RPM (Engine Speed) (-1.0 sec)	1984	RPM
DID $31 Byte 47	$1F	Engine RPM (Engine Speed) (-1.5 sec)	1984	RPM
DID $31 Byte 48	$21	Engine RPM (Engine Speed)(-2.0 sec)	2112	RPM
DID $31 Byte 49	$22	Engine RPM (Engine Speed) (-2.5 sec)	2176	RPM
DID $31 Byte 50	$22	Engine RPM (Engine Speed) (-3.0 sec)	2176	RPM
DID $31 Byte 51	$2A	Engine RPM (Engine Speed) (-3.5 sec)	2688	RPM
DID $31 Byte 52	$2D	Engine RPM (Engine Speed) (-4.0 sec)	2880	RPM
DID $31 Byte 53	$2D	Engine RPM (Engine Speed)(-4.5 sec)	2880	RPM
DID $31 Byte 54	$2F	Engine RPM (Engine Speed) (-5.0 sec)	3008	RPM
DID $31 Bytes 55,56 (12 bits)	$069F	Engine Torque (-0.5 sec)	0 [0]	Foot-pounds [Newton meters]
DID $31 Bytes 57,58 (12 bits)	$06C7	Engine Torque (-1.0 sec)	14 [20]	Foot-pounds [Newton meters]
DID $31 Bytes 59,60 (12 bits)	$0780	Engine Torque (-1.5 sec)	83 [112]	Foot-pounds [Newton meters]
DID $31 Bytes 61,62 (12 bits)	$07BC	Engine Torque (-2.0 sec)	105 [142]	Foot-pounds [Newton meters]
DID $31 Byte 63	$11	Engine Throttle, % Full (Throttle Position) (-0.5 sec)	17	% full throttle
DID $31 Byte 64	$15	Engine Throttle, % Full (Throttle Position) (-1.0 sec)	21	% full throttle
DID $31 Byte 65	$1F	Engine Throttle, % Full (Throttle Position) (-1.5 sec)	31	% full throttle
DID $31 Byte 66	$25	Engine Throttle, % Full (Throttle Position) (-2.0 sec)	37	% full throttle

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 67	$26	Engine Throttle, % Full (Throttle Position)(-2.5 sec)	38	% full throttle
DID $31 Byte 68	$29	Engine Throttle, % Full (Throttle Position) (-3.0 sec)	41	% full throttle
DID $31 Byte 69	$27	Engine Throttle, % Full (Throttle Position) (-3.5 sec)	39	% full throttle
DID $31 Byte 70	$27	Engine Throttle, % Full (Throttle Position) (-4.0 sec)	39	% full throttle
DID $31 Byte 71	$2A	Engine Throttle, % Full (Throttle Position) (-4.5 sec)	42	% full throttle
DID $31 Byte 72	$2E	Engine Throttle, % Full (Throttle Position)(-5.0 sec)	46	% full throttle
DID $31 Byte 73	$38	Speed, Vehicle Indicated (Vehicle Speed) (-0.5 sec)	35 [56]	MPH [km/h]
DID $31 Byte 74	$39	Speed, Vehicle Indicated (Vehicle Speed) (-1.0 sec)	35 [57]	MPH [km/h]
DID $31 Byte 75	$3A	Speed, Vehicle Indicated (Vehicle Speed) (-1.5 sec)	36 [58]	MPH [km/h]
DID $31 Byte 76	$3A	Speed, Vehicle Indicated (Vehicle Speed) (-2.0 sec)	36 [58]	MPH [km/h]
DID $31 Byte 77	$3A	Speed, Vehicle Indicated (Vehicle Speed)(-2.5 sec)	36 [58]	MPH [km/h]
DID $31 Byte 78	$3A	Speed, Vehicle Indicated (Vehicle Speed) (-3.0 sec)	36 [58]	MPH [km/h]
DID $31 Byte 79	$3A	Speed, Vehicle Indicated (Vehicle Speed) (-3.5 sec)	36 [58]	MPH [km/h]
DID $31 Byte 80	$3A	Speed, Vehicle Indicated (Vehicle Speed) (-4.0 sec)	36 [58]	MPH [km/h]
DID $31 Byte 81	$3A	Speed, Vehicle Indicated (Vehicle Speed) (-4.5 sec)	36 [58]	MPH [km/h]
DID $31 Byte 82	$39	Speed, Vehicle Indicated (Vehicle Speed)(-5.0 sec)	35 [57]	MPH [km/h]
DID $31 Byte 83 bits 7-6	$00	Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	Off	
DID $31 Byte 83 bits 5-4	$00	Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off	
DID $31 Bytes 84-85	$FFFD	SIR Warning Lamp ON/OFF Time Continuously	655330	seconds
DID $31 Bytes 86-87	$1A11	Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	6673	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 88	$FD	Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253	
DID $31 Bytes 89-90	$0000	DTC number	N/A	
DID $31 Byte 91	$00	DTC fault type	N/A	
DID $31 Bytes 92-93	$0000	DTC number	N/A	
DID $31 Byte 94	$00	DTC fault type	N/A	
DID $31 Bytes 95-96	$0000	DTC number	N/A	
DID $31 Byte 97	$00	DTC fault type	N/A	
DID $31 Bytes 98-99	$0000	DTC number	N/A	
DID $31 Byte 100	$00	DTC fault type	N/A	
DID $31 Bytes 101-102	$0000	DTC number	N/A	
DID $31 Byte 103	$00	DTC fault type	N/A	
DID $31 Bytes 104-105	$0000	DTC number	N/A	
DID $31 Byte 106	$00	DTC fault type	N/A	
DID $31 Bytes 107-108	$0000	DTC number	N/A	
DID $31 Byte 109	$00	DTC fault type	N/A	
DID $31 Bytes 110-111	$0000	DTC number	N/A	
DID $31 Byte 112	$00	DTC fault type	N/A	
DID $31 Bytes 113-114	$8052	DTC number	B0052	
DID $31 Byte 115	$00	DTC fault type	$00	
DID $31 Byte 116	$77	Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event)	-5 [-8]	MPH [km/h]
DID $31 Byte 117	$7F	Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)	254	msec
DID $31 Byte 118	$83	Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event)	2 [4]	MPH [km/h]
DID $31 Byte 119	$14	Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)	40	msec
DID $31 Byte 120	$21	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met)	33	msec
DID $31 Byte 121	$24	Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	36	msec
DID $31 Byte 122	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 123	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 124	$FF	Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 125	$FF	Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 126	$21	Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	33	msec
DID $31 Byte 127	$21	Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	33	msec
DID $31 Byte 128	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	0 [0]	MPH [km/h]
DID $31 Byte 129	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	0 [0]	MPH [km/h]
DID $31 Byte 130	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	-0.6 [-1]	MPH [km/h]
DID $31 Byte 131	$80	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	0.6 [1]	MPH [km/h]
DID $31 Byte 132	$7B	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	-2.5 [-4]	MPH [km/h]
DID $31 Byte 133	$80	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	0.6 [1]	MPH [km/h]
DID $31 Byte 134	$7A	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	-3.1 [-5]	MPH [km/h]
DID $31 Byte 135	$83	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	2.5 [4]	MPH [km/h]
DID $31 Byte 136	$7A	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	-3.1 [-5]	MPH [km/h]
DID $31 Byte 137	$82	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	1.9 [3]	MPH [km/h]
DID $31 Byte 138	$7A	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	-3.1 [-5]	MPH [km/h]
DID $31 Byte 139	$82	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	1.9 [3]	MPH [km/h]
DID $31 Byte 140	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 141	$82	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	1.9 [3]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 142	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 143	$82	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	1.9 [3]	MPH [km/h]
DID $31 Byte 144	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 145	$82	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	1.9 [3]	MPH [km/h]
DID $31 Byte 146	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 147	$82	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	1.9 [3]	MPH [km/h]
DID $31 Byte 148	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 149	$82	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	1.9 [3]	MPH [km/h]
DID $31 Byte 150	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 151	$82	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	1.9 [3]	MPH [km/h]
DID $31 Byte 152	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 153	$81	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	1.2 [2]	MPH [km/h]
DID $31 Byte 154	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 155	$81	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	1.2 [2]	MPH [km/h]
DID $31 Byte 156	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 157	$80	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	0.6 [1]	MPH [km/h]
DID $31 Byte 158	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 159	$80	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	0.6 [1]	MPH [km/h]
DID $31 Byte 160	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 161	$80	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	0.6 [1]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 162	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 163	$80	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	0.6 [1]	MPH [km/h]
DID $31 Byte 164	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 165	$80	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	0.6 [1]	MPH [km/h]
DID $31 Byte 166	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 167	$80	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	0.6 [1]	MPH [km/h]
DID $31 Byte 168	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 169	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	0 [0]	MPH [km/h]
DID $31 Byte 170	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 171	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	0 [0]	MPH [km/h]
DID $31 Byte 172	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 173	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	0 [0]	MPH [km/h]
DID $31 Byte 174	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 175	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	0 [0]	MPH [km/h]
DID $31 Byte 176	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 177	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	0 [0]	MPH [km/h]
DID $31 Byte 178	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 179	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	0 [0]	MPH [km/h]
DID $31 Byte 180	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 181	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	0 [0]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 182	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 183	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	0 [0]	MPH [km/h]
DID $31 Byte 184	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 185	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	0 [0]	MPH [km/h]
DID $31 Byte 186	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 187	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	0 [0]	MPH [km/h]
DID $31 Byte 188	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (2 ms)	-1.0	G
DID $31 Byte 189	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (2 ms)	1.4	G
DID $31 Byte 190	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (4 ms)	-1.4	G
DID $31 Byte 191	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (4 ms)	1.0	G
DID $31 Byte 192	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (6 ms)	-1.4	G
DID $31 Byte 193	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (6 ms)	-0.2	G
DID $31 Byte 194	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (8 ms)	-1.0	G
DID $31 Byte 195	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (8 ms)	-0.2	G
DID $31 Byte 196	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (10 ms)	-1.4	G
DID $31 Byte 197	$84	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (10 ms)	1.8	G
DID $31 Byte 198	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (12 ms)	-2.6	G
DID $31 Byte 199	$8B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (12 ms)	4.6	G
DID $31 Byte 200	$73	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (14 ms)	-5.0	G
DID $31 Byte 201	$8D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (14 ms)	5.4	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 202	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (16 ms)	-1.8	G
DID $31 Byte 203	$8A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (16 ms)	4.2	G
DID $31 Byte 204	$6B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (18 ms)	-8.2	G
DID $31 Byte 205	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (18 ms)	-0.2	G
DID $31 Byte 206	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (20 ms)	-2.2	G
DID $31 Byte 207	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (20 ms)	-1.4	G
DID $31 Byte 208	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (22 ms)	-0.6	G
DID $31 Byte 209	$71	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (22 ms)	-5.8	G
DID $31 Byte 210	$6F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (24 ms)	-6.6	G
DID $31 Byte 211	$79	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (24 ms)	-2.6	G
DID $31 Byte 212	$60	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (26 ms)	-12.6	G
DID $31 Byte 213	$88	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (26 ms)	3.4	G
DID $31 Byte 214	$61	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (28 ms)	-12.2	G
DID $31 Byte 215	$88	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (28 ms)	3.4	G
DID $31 Byte 216	$61	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (30 ms)	-12.2	G
DID $31 Byte 217	$8C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (30 ms)	5.0	G
DID $31 Byte 218	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (32 ms)	-0.2	G
DID $31 Byte 219	$A1	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (32 ms)	13.4	G
DID $31 Byte 220	$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (34 ms)	-3.4	G
DID $31 Byte 221	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (34 ms)	1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 222	$85	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (36 ms)	2.2	G
DID $31 Byte 223	$9B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (36 ms)	11.0	G
DID $31 Byte 224	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (38 ms)	-1.0	G
DID $31 Byte 225	$95	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (38 ms)	8.6	G
DID $31 Byte 226	$6A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (40 ms)	-8.6	G
DID $31 Byte 227	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (40 ms)	1.0	G
DID $31 Byte 228	$90	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (42 ms)	6.6	G
DID $31 Byte 229	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (42 ms)	0.6	G
DID $31 Byte 230	$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (44 ms)	-3.8	G
DID $31 Byte 231	$74	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (44 ms)	-4.6	G
DID $31 Byte 232	$8E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (46 ms)	5.8	G
DID $31 Byte 233	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (46 ms)	0.2	G
DID $31 Byte 234	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (48 ms)	-0.2	G
DID $31 Byte 235	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (48 ms)	0.6	G
DID $31 Byte 236	$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (50 ms)	-3.8	G
DID $31 Byte 237	$61	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (50 ms)	-12.2	G
DID $31 Byte 238	$8F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (52 ms)	6.2	G
DID $31 Byte 239	$6F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (52 ms)	-6.6	G
DID $31 Byte 240	$5D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (54 ms)	-13.8	G
DID $31 Byte 241	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (54 ms)	-1.8	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 242	$8D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (56 ms)	5.4	G
DID $31 Byte 243	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (56 ms)	-1.4	G
DID $31 Byte 244	$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (58 ms)	-3.8	G
DID $31 Byte 245	$92	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (58 ms)	7.4	G
DID $31 Byte 246	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (60 ms)	-2.6	G
DID $31 Byte 247	$87	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (60 ms)	3.0	G
DID $31 Byte 248	$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (62 ms)	-4.6	G
DID $31 Byte 249	$88	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (62 ms)	3.4	G
DID $31 Byte 250	$73	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (64 ms)	-5.0	G
DID $31 Byte 251	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (64 ms)	-0.2	G
DID $31 Byte 252	$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (66 ms)	-3.4	G
DID $31 Byte 253	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (66 ms)	-0.6	G
DID $31 Byte 254	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (68 ms)	-1.0	G
DID $31 Byte 255	$78	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (68 ms)	-3.0	G
DID $31 Byte 256	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (70 ms)	-2.6	G
DID $31 Byte 257	$79	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (70 ms)	-2.6	G
DID $31 Byte 258	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (72 ms)	-0.2	G
DID $31 Byte 259	$78	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (72 ms)	-3.0	G
DID $31 Byte 260	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (74 ms)	0.6	G
DID $31 Byte 261	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (74 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 262	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (76 ms)	-0.6	G
DID $31 Byte 263	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (76 ms)	1.4	G
DID $31 Byte 264	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (78 ms)	-0.2	G
DID $31 Byte 265	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (78 ms)	-0.2	G
DID $31 Byte 266	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (80 ms)	-0.2	G
DID $31 Byte 267	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (80 ms)	0.6	G
DID $31 Byte 268	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (82 ms)	-0.6	G
DID $31 Byte 269	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (82 ms)	-0.2	G
DID $31 Byte 270	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (84 ms)	-0.2	G
DID $31 Byte 271	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (84 ms)	1.4	G
DID $31 Byte 272	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (86 ms)	-0.6	G
DID $31 Byte 273	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (86 ms)	1.0	G
DID $31 Byte 274	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (88 ms)	-0.2	G
DID $31 Byte 275	$86	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (88 ms)	2.6	G
DID $31 Byte 276	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (90 ms)	-0.6	G
DID $31 Byte 277	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (90 ms)	1.0	G
DID $31 Byte 278	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (92 ms)	-1.4	G
DID $31 Byte 279	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (92 ms)	-0.6	G
DID $31 Byte 280	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (94 ms)	-0.2	G
DID $31 Byte 281	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (94 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 282	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (96 ms)	-0.6	G
DID $31 Byte 283	$7A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (96 ms)	-2.2	G
DID $31 Byte 284	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (98 ms)	-1.0	G
DID $31 Byte 285	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (98 ms)	-1.8	G
DID $31 Byte 286	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (100 ms)	-0.6	G
DID $31 Byte 287	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (100 ms)	-1.0	G
DID $31 Byte 288	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (102 ms)	-1.4	G
DID $31 Byte 289	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (102 ms)	0.2	G
DID $31 Byte 290	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (104 ms)	-0.2	G
DID $31 Byte 291	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (104 ms)	-0.2	G
DID $31 Byte 292	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (106 ms)	-0.2	G
DID $31 Byte 293	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (106 ms)	0.2	G
DID $31 Byte 294	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (108 ms)	-0.2	G
DID $31 Byte 295	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (108 ms)	-0.6	G
DID $31 Byte 296	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (110 ms)	0.6	G
DID $31 Byte 297	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (110 ms)	-1.0	G
DID $31 Byte 298	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (112 ms)	-0.2	G
DID $31 Byte 299	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (112 ms)	-0.6	G
DID $31 Byte 300	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (114 ms)	0.2	G
DID $31 Byte 301	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (114 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 302	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (116 ms)	0.6	G
DID $31 Byte 303	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (116 ms)	-0.6	G
DID $31 Byte 304	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (118 ms)	-0.2	G
DID $31 Byte 305	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (118 ms)	-1.4	G
DID $31 Byte 306	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (120 ms)	0.2	G
DID $31 Byte 307	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (120 ms)	-1.4	G
DID $31 Byte 308	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (122 ms)	-0.2	G
DID $31 Byte 309	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (122 ms)	-1.8	G
DID $31 Byte 310	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (124 ms)	-0.2	G
DID $31 Byte 311	$7A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (124 ms)	-2.2	G
DID $31 Byte 312	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (126 ms)	-0.2	G
DID $31 Byte 313	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (126 ms)	-1.0	G
DID $31 Byte 314	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (128 ms)	-0.2	G
DID $31 Byte 315	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (128 ms)	-0.6	G
DID $31 Byte 316	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (130 ms)	-0.2	G
DID $31 Byte 317	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (130 ms)	-0.6	G
DID $31 Byte 318	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (132 ms)	-0.2	G
DID $31 Byte 319	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (132 ms)	-0.6	G
DID $31 Byte 320	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (134 ms)	-0.2	G
DID $31 Byte 321	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (134 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 322	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (136 ms)	-0.2	G
DID $31 Byte 323	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (136 ms)	-1.0	G
DID $31 Byte 324	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (138 ms)	-0.2	G
DID $31 Byte 325	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (138 ms)	-1.0	G
DID $31 Byte 326	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (140 ms)	-0.2	G
DID $31 Byte 327	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (140 ms)	-1.0	G
DID $31 Byte 328	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (142 ms)	-1.0	G
DID $31 Byte 329	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (142 ms)	-1.4	G
DID $31 Byte 330	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (144 ms)	0.2	G
DID $31 Byte 331	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (144 ms)	-0.6	G
DID $31 Byte 332	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (146 ms)	-0.2	G
DID $31 Byte 333	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (146 ms)	-0.6	G
DID $31 Byte 334	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (148 ms)	-1.0	G
DID $31 Byte 335	$7A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (148 ms)	-2.2	G
DID $31 Byte 336	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (150 ms)	-0.6	G
DID $31 Byte 337	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (150 ms)	-0.6	G
DID $31 Byte 338	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (152 ms)	-0.2	G
DID $31 Byte 339	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (152 ms)	-1.8	G
DID $31 Byte 340	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (154 ms)	-0.2	G
DID $31 Byte 341	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (154 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 342	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (156 ms)	-0.2	G
DID $31 Byte 343	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (156 ms)	-0.2	G
DID $31 Byte 344	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (158 ms)	-0.2	G
DID $31 Byte 345	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (158 ms)	-0.2	G
DID $31 Byte 346	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (160 ms)	-0.2	G
DID $31 Byte 347	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (160 ms)	-0.2	G
DID $31 Byte 348	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (162 ms)	-1.4	G
DID $31 Byte 349	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (162 ms)	-0.2	G
DID $31 Byte 350	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (164 ms)	-0.2	G
DID $31 Byte 351	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (164 ms)	-0.2	G
DID $31 Byte 352	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (166 ms)	-0.6	G
DID $31 Byte 353	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (166 ms)	-0.2	G
DID $31 Byte 354	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (168 ms)	-0.2	G
DID $31 Byte 355	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (168 ms)	-0.6	G
DID $31 Byte 356	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (170 ms)	-0.2	G
DID $31 Byte 357	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (170 ms)	-1.0	G
DID $31 Byte 358	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (172 ms)	-0.6	G
DID $31 Byte 359	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (172 ms)	-1.0	G
DID $31 Byte 360	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (174 ms)	-0.2	G
DID $31 Byte 361	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (174 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 362	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (176 ms)	-0.6	G
DID $31 Byte 363	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (176 ms)	-0.2	G
DID $31 Byte 364	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (178 ms)	-0.2	G
DID $31 Byte 365	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (178 ms)	-0.6	G
DID $31 Byte 366	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (180 ms)	-0.6	G
DID $31 Byte 367	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (180 ms)	-0.2	G
DID $31 Byte 368	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (182 ms)	-0.2	G
DID $31 Byte 369	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (182 ms)	0.2	G
DID $31 Byte 370	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (184 ms)	-0.6	G
DID $31 Byte 371	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (184 ms)	-0.2	G
DID $31 Byte 372	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (186 ms)	-0.2	G
DID $31 Byte 373	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (186 ms)	-0.2	G
DID $31 Byte 374	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (188 ms)	-0.2	G
DID $31 Byte 375	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (188 ms)	-0.6	G
DID $31 Byte 376	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (190 ms)	-0.2	G
DID $31 Byte 377	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (190 ms)	-1.4	G
DID $31 Byte 378	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (192 ms)	-0.2	G
DID $31 Byte 379	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (192 ms)	-1.0	G
DID $31 Byte 380	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (194 ms)	-0.2	G
DID $31 Byte 381	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (194 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 382	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (196 ms)	-0.2	G
DID $31 Byte 383	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (196 ms)	-0.6	G
DID $31 Byte 384	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (198 ms)	-0.2	G
DID $31 Byte 385	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (198 ms)	-0.6	G
DID $31 Byte 386	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (200 ms)	-0.2	G
DID $31 Byte 387	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (200 ms)	-0.6	G
DID $31 Byte 388	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (202 ms)	-0.2	G
DID $31 Byte 389	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (202 ms)	-1.0	G
DID $31 Byte 390	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (204 ms)	-0.2	G
DID $31 Byte 391	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (204 ms)	-1.0	G
DID $31 Byte 392	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (206 ms)	-0.2	G
DID $31 Byte 393	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (206 ms)	-1.0	G
DID $31 Byte 394	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (208 ms)	-0.2	G
DID $31 Byte 395	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (208 ms)	-1.0	G
DID $31 Byte 396	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (210 ms)	-0.2	G
DID $31 Byte 397	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (210 ms)	-1.0	G
DID $31 Byte 398	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (212 ms)	-0.2	G
DID $31 Byte 399	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (212 ms)	-0.6	G
DID $31 Byte 400	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (214 ms)	-0.2	G
DID $31 Byte 401	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (214 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 402	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (216 ms)	-0.2	G
DID $31 Byte 403	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (216 ms)	-0.6	G
DID $31 Byte 404	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (218 ms)	-0.2	G
DID $31 Byte 405	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (218 ms)	-0.6	G
DID $31 Byte 406	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (220 ms)	-0.2	G
DID $31 Byte 407	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (220 ms)	-0.6	G
DID $31 Byte 408	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (222 ms)	-0.2	G
DID $31 Byte 409	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (222 ms)	-0.6	G
DID $31 Byte 410	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (224 ms)	-0.2	G
DID $31 Byte 411	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (224 ms)	-0.6	G
DID $31 Byte 412	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (226 ms)	-0.2	G
DID $31 Byte 413	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (226 ms)	-0.6	G
DID $31 Byte 414	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (228 ms)	-0.6	G
DID $31 Byte 415	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (228 ms)	-0.6	G
DID $31 Byte 416	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (230 ms)	-0.2	G
DID $31 Byte 417	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (230 ms)	-0.6	G
DID $31 Byte 418	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (232 ms)	-0.2	G
DID $31 Byte 419	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (232 ms)	-0.6	G
DID $31 Byte 420	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (234 ms)	-0.2	G
DID $31 Byte 421	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (234 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 422	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (236 ms)	-0.2	G
DID $31 Byte 423	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (236 ms)	-0.6	G
DID $31 Byte 424	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (238 ms)	-0.2	G
DID $31 Byte 425	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (238 ms)	-0.2	G
DID $31 Byte 426	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (240 ms)	-0.2	G
DID $31 Byte 427	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (240 ms)	-0.6	G
DID $31 Byte 428	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (242 ms)	-0.2	G
DID $31 Byte 429	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (242 ms)	-0.6	G
DID $31 Byte 430	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (244 ms)	-0.2	G
DID $31 Byte 431	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (244 ms)	-0.6	G
DID $31 Byte 432	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (246 ms)	-0.2	G
DID $31 Byte 433	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (246 ms)	-0.6	G
DID $31 Byte 434	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (248 ms)	-0.2	G
DID $31 Byte 435	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (248 ms)	-0.6	G
DID $31 Byte 436	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (250 ms)	-0.2	G
DID $31 Byte 437	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (250 ms)	-0.6	G
DID $31 Byte 438	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (252 ms)	-0.2	G
DID $31 Byte 439	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (252 ms)	-0.6	G
DID $31 Byte 440	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (254 ms)	-0.2	G
DID $31 Byte 441	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (254 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 442	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (256 ms)	-0.2	G
DID $31 Byte 443	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (256 ms)	-0.2	G
DID $31 Byte 444	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (258 ms)	-0.2	G
DID $31 Byte 445	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (258 ms)	-0.2	G
DID $31 Byte 446	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (260 ms)	-0.2	G
DID $31 Byte 447	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (260 ms)	-0.2	G
DID $31 Byte 448	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (262 ms)	-0.2	G
DID $31 Byte 449	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (262 ms)	-0.2	G
DID $31 Byte 450	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (264 ms)	-0.2	G
DID $31 Byte 451	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (264ms)	-0.2	G
DID $31 Byte 452	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (266 ms)	-0.2	G
DID $31 Byte 453	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (266 ms)	-0.2	G
DID $31 Byte 454	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (268 ms)	-0.2	G
DID $31 Byte 455	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (268 ms)	-0.2	G
DID $31 Byte 456	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (270 ms)	-0.2	G
DID $31 Byte 457	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (270 ms)	-0.2	G
DID $31 Byte 458	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (272 ms)	-0.2	G
DID $31 Byte 459	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (272 ms)	-0.2	G
DID $31 Byte 460	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (274 ms)	-0.2	G
DID $31 Byte 461	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (274 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 462	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (276 ms)	-0.2	G
DID $31 Byte 463	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (276 ms)	-0.2	G
DID $31 Byte 464	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (278 ms)	-0.2	G
DID $31 Byte 465	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (278 ms)	-0.2	G
DID $31 Byte 466	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (280 ms)	-0.2	G
DID $31 Byte 467	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (280 ms)	-0.2	G
DID $31 Byte 468	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (282 ms)	-0.2	G
DID $31 Byte 469	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (282 ms)	-0.2	G
DID $31 Byte 470	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (284 ms)	-0.2	G
DID $31 Byte 471	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (284 ms)	-0.2	G
DID $31 Byte 472	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (286 ms)	-0.2	G
DID $31 Byte 473	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (286 ms)	-0.2	G
DID $31 Byte 474	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (288 ms)	-0.2	G
DID $31 Byte 475	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (288 ms)	-0.2	G
DID $31 Byte 476	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (290 ms)	-0.2	G
DID $31 Byte 477	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (290ms)	-0.2	G
DID $31 Byte 478	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (292 ms)	-0.2	G
DID $31 Byte 479	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (292 ms)	-0.2	G
DID $31 Byte 480	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (294 ms)	-0.2	G
DID $31 Byte 481	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (294 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 482	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (296 ms)	-0.2	G
DID $31 Byte 483	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (296 ms)	-0.2	G
DID $31 Byte 484	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (298 ms)	-0.2	G
DID $31 Byte 485	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (298 ms)	-0.2	G
DID $31 Byte 486	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (300 ms)	-0.2	G
DID $31 Byte 487	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (300 ms)	-0.2	G
DID $31 Byte 488	$FF	SDM Recorded Vehicle Roll Rate (-700 ms)	Data Not Available	deg/sec
DID $31 Byte 489	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $31 Byte 490	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $31 Byte 491	$FF	SDM Recorded Vehicle Roll Rate (-690 ms)	Data Not Available	deg/sec
DID $31 Byte 492	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $31 Byte 493	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $31 Byte 494	$FF	SDM Recorded Vehicle Roll Rate (-680 ms)	Data Not Available	deg/sec
DID $31 Byte 495	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $31 Byte 496	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $31 Byte 497	$FF	SDM Recorded Vehicle Roll Rate (-670 ms)	Data Not Available	deg/sec
DID $31 Byte 498	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $31 Byte 499	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $31 Byte 500	$FF	SDM Recorded Vehicle Roll Rate (-660 ms)	Data Not Available	deg/sec
DID $31 Byte 501	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-660 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 502	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID $31 Byte 503	$FF	SDM Recorded Vehicle Roll Rate (-650 ms)	Data Not Available	deg/sec
DID $31 Byte 504	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID $31 Byte 505	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID $31 Byte 506	$FF	SDM Recorded Vehicle Roll Rate (-640 ms)	Data Not Available	deg/sec
DID $31 Byte 507	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $31 Byte 508	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $31 Byte 509	$FF	SDM Recorded Vehicle Roll Rate (-630 ms)	Data Not Available	deg/sec
DID $31 Byte 510	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $31 Byte 511	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $31 Byte 512	$FF	SDM Recorded Vehicle Roll Rate (-620 ms)	Data Not Available	deg/sec
DID $31 Byte 513	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $31 Byte 514	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $31 Byte 515	$FF	SDM Recorded Vehicle Roll Rate (-610 ms)	Data Not Available	deg/sec
DID $31 Byte 516	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $31 Byte 517	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $31 Byte 518	$FF	SDM Recorded Vehicle Roll Rate (-600 ms)	Data Not Available	deg/sec
DID $31 Byte 519	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID $31 Byte 520	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID $31 Byte 521	$FF	SDM Recorded Vehicle Roll Rate (-590 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 522	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID $31 Byte 523	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID $31 Byte 524	$FF	SDM Recorded Vehicle Roll Rate (-580 ms)	Data Not Available	deg/sec
DID $31 Byte 525	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $31 Byte 526	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $31 Byte 527	$FF	SDM Recorded Vehicle Roll Rate (-570 ms)	Data Not Available	deg/sec
DID $31 Byte 528	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $31 Byte 529	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $31 Byte 530	$FF	SDM Recorded Vehicle Roll Rate (-560 ms)	Data Not Available	deg/sec
DID $31 Byte 531	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $31 Byte 532	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $31 Byte 533	$FF	SDM Recorded Vehicle Roll Rate (-550 ms)	Data Not Available	deg/sec
DID $31 Byte 534	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $31 Byte 535	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $31 Byte 536	$FF	SDM Recorded Vehicle Roll Rate (-540 ms)	Data Not Available	deg/sec
DID $31 Byte 537	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID $31 Byte 538	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID $31 Byte 539	$FF	SDM Recorded Vehicle Roll Rate (-530 ms)	Data Not Available	deg/sec
DID $31 Byte 540	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID $31 Byte 541	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-530 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 542	$FF	SDM Recorded Vehicle Roll Rate (-520 ms)	Data Not Available	deg/sec
DID $31 Byte 543	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $31 Byte 544	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $31 Byte 545	$FF	SDM Recorded Vehicle Roll Rate (-510 ms)	Data Not Available	deg/sec
DID $31 Byte 546	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $31 Byte 547	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $31 Byte 548	$FF	SDM Recorded Vehicle Roll Rate (-500 ms)	Data Not Available	deg/sec
DID $31 Byte 549	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $31 Byte 550	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $31 Byte 551	$FF	SDM Recorded Vehicle Roll Rate (-490 ms)	Data Not Available	deg/sec
DID $31 Byte 552	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $31 Byte 553	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $31 Byte 554	$FF	SDM Recorded Vehicle Roll Rate (-480 ms)	Data Not Available	deg/sec
DID $31 Byte 555	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID $31 Byte 556	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID $31 Byte 557	$FF	SDM Recorded Vehicle Roll Rate (-470 ms)	Data Not Available	deg/sec
DID $31 Byte 558	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID $31 Byte 559	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID $31 Byte 560	$FF	SDM Recorded Vehicle Roll Rate (-460 ms)	Data Not Available	deg/sec
DID $31 Byte 561	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-460 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 562	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $31 Byte 563	$FF	SDM Recorded Vehicle Roll Rate (-450 ms)	Data Not Available	deg/sec
DID $31 Byte 564	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $31 Byte 565	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $31 Byte 566	$FF	SDM Recorded Vehicle Roll Rate (-440 ms)	Data Not Available	deg/sec
DID $31 Byte 567	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $31 Byte 568	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $31 Byte 569	$FF	SDM Recorded Vehicle Roll Rate (-430 ms)	Data Not Available	deg/sec
DID $31 Byte 570	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $31 Byte 571	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $31 Byte 572	$FF	SDM Recorded Vehicle Roll Rate (-420 ms)	Data Not Available	deg/sec
DID $31 Byte 573	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID $31 Byte 574	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID $31 Byte 575	$FF	SDM Recorded Vehicle Roll Rate (-410 ms)	Data Not Available	deg/sec
DID $31 Byte 576	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID $31 Byte 577	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID $31 Byte 578	$FF	SDM Recorded Vehicle Roll Rate (-400 ms)	Data Not Available	deg/sec
DID $31 Byte 579	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $31 Byte 580	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $31 Byte 581	$FF	SDM Recorded Vehicle Roll Rate (-390 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 582	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $31 Byte 583	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $31 Byte 584	$FF	SDM Recorded Vehicle Roll Rate (-380 ms)	Data Not Available	deg/sec
DID $31 Byte 585	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $31 Byte 586	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $31 Byte 587	$FF	SDM Recorded Vehicle Roll Rate (-370 ms)	Data Not Available	deg/sec
DID $31 Byte 588	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $31 Byte 589	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $31 Byte 590	$FF	SDM Recorded Vehicle Roll Rate (-360 ms)	Data Not Available	deg/sec
DID $31 Byte 591	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID $31 Byte 592	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID $31 Byte 593	$FF	SDM Recorded Vehicle Roll Rate (-350 ms)	Data Not Available	deg/sec
DID $31 Byte 594	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID $31 Byte 595	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID $31 Byte 596	$FF	SDM Recorded Vehicle Roll Rate (-340 ms)	Data Not Available	deg/sec
DID $31 Byte 597	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $31 Byte 598	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $31 Byte 599	$FF	SDM Recorded Vehicle Roll Rate (-330 ms)	Data Not Available	deg/sec
DID $31 Byte 600	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $31 Byte 601	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-330 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 602	$FF	SDM Recorded Vehicle Roll Rate (-320 ms)	Data Not Available	deg/sec
DID $31 Byte 603	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $31 Byte 604	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $31 Byte 605	$FF	SDM Recorded Vehicle Roll Rate (-310 ms)	Data Not Available	deg/sec
DID $31 Byte 606	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $31 Byte 607	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $31 Byte 608	$FF	SDM Recorded Vehicle Roll Rate (-300 ms)	Data Not Available	deg/sec
DID $31 Byte 609	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID $31 Byte 610	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID $31 Byte 611	$FF	SDM Recorded Vehicle Roll Rate (-290 ms)	Data Not Available	deg/sec
DID $31 Byte 612	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID $31 Byte 613	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID $31 Byte 614	$FF	SDM Recorded Vehicle Roll Rate (-280 ms)	Data Not Available	deg/sec
DID $31 Byte 615	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $31 Byte 616	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $31 Byte 617	$FF	SDM Recorded Vehicle Roll Rate (-270 ms)	Data Not Available	deg/sec
DID $31 Byte 618	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $31 Byte 619	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $31 Byte 620	$FF	SDM Recorded Vehicle Roll Rate (-260 ms)	Data Not Available	deg/sec
DID $31 Byte 621	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-260 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 622	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $31 Byte 623	$FF	SDM Recorded Vehicle Roll Rate (-250 ms)	Data Not Available	deg/sec
DID $31 Byte 624	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $31 Byte 625	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $31 Byte 626	$FF	SDM Recorded Vehicle Roll Rate (-240 ms)	Data Not Available	deg/sec
DID $31 Byte 627	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID $31 Byte 628	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID $31 Byte 629	$FF	SDM Recorded Vehicle Roll Rate (-230 ms)	Data Not Available	deg/sec
DID $31 Byte 630	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID $31 Byte 631	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID $31 Byte 632	$FF	SDM Recorded Vehicle Roll Rate (-220 ms)	Data Not Available	deg/sec
DID $31 Byte 633	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $31 Byte 634	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $31 Byte 635	$FF	SDM Recorded Vehicle Roll Rate (-210 ms)	Data Not Available	deg/sec
DID $31 Byte 636	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $31 Byte 637	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $31 Byte 638	$FF	SDM Recorded Vehicle Roll Rate (-200 ms)	Data Not Available	deg/sec
DID $31 Byte 639	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $31 Byte 640	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $31 Byte 641	$FF	SDM Recorded Vehicle Roll Rate (-190 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 642	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $31 Byte 643	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $31 Byte 644	$FF	SDM Recorded Vehicle Roll Rate (-180 ms)	Data Not Available	deg/sec
DID $31 Byte 645	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID $31 Byte 646	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID $31 Byte 647	$FF	SDM Recorded Vehicle Roll Rate (-170 ms)	Data Not Available	deg/sec
DID $31 Byte 648	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID $31 Byte 649	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID $31 Byte 650	$FF	SDM Recorded Vehicle Roll Rate (-160 ms)	Data Not Available	deg/sec
DID $31 Byte 651	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $31 Byte 652	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $31 Byte 653	$FF	SDM Recorded Vehicle Roll Rate (-150 ms)	Data Not Available	deg/sec
DID $31 Byte 654	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $31 Byte 655	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $31 Byte 656	$FF	SDM Recorded Vehicle Roll Rate (-140 ms)	Data Not Available	deg/sec
DID $31 Byte 657	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $31 Byte 658	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $31 Byte 659	$FF	SDM Recorded Vehicle Roll Rate (-130 ms)	Data Not Available	deg/sec
DID $31 Byte 660	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $31 Byte 661	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-130 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 662	$FF	SDM Recorded Vehicle Roll Rate (-120 ms)	Data Not Available	deg/sec
DID $31 Byte 663	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID $31 Byte 664	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID $31 Byte 665	$FF	SDM Recorded Vehicle Roll Rate (-110 ms)	Data Not Available	deg/sec
DID $31 Byte 666	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID $31 Byte 667	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID $31 Byte 668	$FF	SDM Recorded Vehicle Roll Rate (-100 ms)	Data Not Available	deg/sec
DID $31 Byte 669	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $31 Byte 670	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $31 Byte 671	$FF	SDM Recorded Vehicle Roll Rate (-90 ms)	Data Not Available	deg/sec
DID $31 Byte 672	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $31 Byte 673	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $31 Byte 674	$FF	SDM Recorded Vehicle Roll Rate (-80 ms)	Data Not Available	deg/sec
DID $31 Byte 675	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $31 Byte 676	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $31 Byte 677	$FF	SDM Recorded Vehicle Roll Rate (-70 ms)	Data Not Available	deg/sec
DID $31 Byte 678	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $31 Byte 679	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $31 Byte 680	$FF	SDM Recorded Vehicle Roll Rate (-60 ms)	Data Not Available	deg/sec
DID $31 Byte 681	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-60 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 682	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID $31 Byte 683	$FF	SDM Recorded Vehicle Roll Rate (-50 ms)	Data Not Available	deg/sec
DID $31 Byte 684	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID $31 Byte 685	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID $31 Byte 686	$FF	SDM Recorded Vehicle Roll Rate (-40 ms)	Data Not Available	deg/sec
DID $31 Byte 687	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $31 Byte 688	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $31 Byte 689	$FF	SDM Recorded Vehicle Roll Rate (-30 ms)	Data Not Available	deg/sec
DID $31 Byte 690	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $31 Byte 691	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $31 Byte 692	$FF	SDM Recorded Vehicle Roll Rate (-20 ms)	Data Not Available	deg/sec
DID $31 Byte 693	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $31 Byte 694	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $31 Byte 695	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $31 Byte 696	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 697	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 698	$FF	SDM Recorded Vehicle Roll Rate (0 ms)	Data Not Available	deg/sec
DID $31 Byte 699	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID $31 Byte 700	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID $31 Byte 701	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 702	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 703	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 704	$FF	SDM Recorded Vehicle Roll Rate (20 ms)	Data Not Available	deg/sec
DID $31 Byte 705	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $31 Byte 706	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $31 Byte 707	$FF	SDM Recorded Vehicle Roll Rate (30 ms)	Data Not Available	deg/sec
DID $31 Byte 708	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $31 Byte 709	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $31 Byte 710	$FF	SDM Recorded Vehicle Roll Rate (40 ms)	Data Not Available	deg/sec
DID $31 Byte 711	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $31 Byte 712	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $31 Byte 713	$FF	SDM Recorded Vehicle Roll Rate (50 ms)	Data Not Available	deg/sec
DID $31 Byte 714	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $31 Byte 715	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $31 Byte 716	$FF	SDM Recorded Vehicle Roll Rate (60 ms)	Data Not Available	deg/sec
DID $31 Byte 717	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID $31 Byte 718	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID $31 Byte 719	$FF	SDM Recorded Vehicle Roll Rate (70 ms)	Data Not Available	deg/sec
DID $31 Byte 720	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID $31 Byte 721	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (70 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 722	$FF	SDM Recorded Vehicle Roll Rate (80 ms)	Data Not Available	deg/sec
DID $31 Byte 723	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $31 Byte 724	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $31 Byte 725	$FF	SDM Recorded Vehicle Roll Rate (90 ms)	Data Not Available	deg/sec
DID $31 Byte 726	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $31 Byte 727	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $31 Byte 728	$FF	SDM Recorded Vehicle Roll Rate (100 ms)	Data Not Available	deg/sec
DID $31 Byte 729	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $31 Byte 730	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $31 Byte 731	$FF	SDM Recorded Vehicle Roll Rate (110 ms)	Data Not Available	deg/sec
DID $31 Byte 732	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $31 Byte 733	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $31 Byte 734	$FF	SDM Recorded Vehicle Roll Rate (120 ms)	Data Not Available	deg/sec
DID $31 Byte 735	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID $31 Byte 736	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID $31 Byte 737	$FF	SDM Recorded Vehicle Roll Rate (130 ms)	Data Not Available	deg/sec
DID $31 Byte 738	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID $31 Byte 739	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID $31 Byte 740	$FF	SDM Recorded Vehicle Roll Rate (140 ms)	Data Not Available	deg/sec
DID $31 Byte 741	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (140 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 742	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $31 Byte 743	$FF	SDM Recorded Vehicle Roll Rate (150 ms)	Data Not Available	deg/sec
DID $31 Byte 744	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $31 Byte 745	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $31 Byte 746	$FF	SDM Recorded Vehicle Roll Rate (160 ms)	Data Not Available	deg/sec
DID $31 Byte 747	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $31 Byte 748	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $31 Byte 749	$FF	SDM Recorded Vehicle Roll Rate (170 ms)	Data Not Available	deg/sec
DID $31 Byte 750	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $31 Byte 751	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $31 Byte 752	$FF	SDM Recorded Vehicle Roll Rate (180 ms)	Data Not Available	deg/sec
DID $31 Byte 753	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID $31 Byte 754	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID $31 Byte 755	$FF	SDM Recorded Vehicle Roll Rate (190 ms)	Data Not Available	deg/sec
DID $31 Byte 756	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID $31 Byte 757	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID $31 Byte 758	$FF	SDM Recorded Vehicle Roll Rate (200 ms)	Data Not Available	deg/sec
DID $31 Byte 759	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $31 Byte 760	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $31 Byte 761	$FF	SDM Recorded Vehicle Roll Rate (210 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 762	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $31 Byte 763	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $31 Byte 764	$FF	SDM Recorded Vehicle Roll Rate (220 ms)	Data Not Available	deg/sec
DID $31 Byte 765	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $31 Byte 766	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $31 Byte 767	$FF	SDM Recorded Vehicle Roll Rate (230 ms)	Data Not Available	77
DID $31 Byte 768	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $31 Byte 769	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $31 Byte 770	$FF	SDM Recorded Vehicle Roll Rate (240 ms)	Data Not Available	deg/sec
DID $31 Byte 771	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID $31 Byte 772	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID $31 Byte 773	$FF	SDM Recorded Vehicle Roll Rate (250 ms)	Data Not Available	deg/sec
DID $31 Byte 774	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID $31 Byte 775	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID $31 Byte 776	$FF	SDM Recorded Vehicle Roll Rate (260 ms)	Data Not Available	deg/sec
DID $31 Byte 777	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $31 Byte 778	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $31 Byte 779	$FF	SDM Recorded Vehicle Roll Rate (270 ms)	Data Not Available	deg/sec
DID $31 Byte 780	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $31 Byte 781	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (270 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 782	$FF	SDM Recorded Vehicle Roll Rate (280 ms)	Data Not Available	deg/sec
DID $31 Byte 783	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $31 Byte 784	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $31 Byte 785	$FF	SDM Recorded Vehicle Roll Rate (290 ms)	Data Not Available	deg/sec
DID $31 Byte 786	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (290 ms)	Data Not Available	G
DID $31 Byte 787	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (290 ms)	Data Not Available	G

Event Data General (part two)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $90 Byte 0	$32	Vehicle Identification Number (VIN) Digit 1	2	
DID $90 Byte 1	$47	Vehicle Identification Number (VIN) Digit 2	G	
DID $90 Byte 2	$4E	Vehicle Identification Number (VIN) Digit 3	N	
DID $90 Byte 3	$41	Vehicle Identification Number (VIN) Digit 4	A	
DID $90 Byte 4	$4C	Vehicle Identification Number (VIN) Digit 5	L	
DID $90 Byte 5	$50	Vehicle Identification Number (VIN) Digit 6	P	
DID $90 Byte 6	$45	Vehicle Identification Number (VIN) Digit 7	E	
DID $90 Byte 7	$4B	Vehicle Identification Number (VIN) Digit 8	K	
DID $90 Byte 8	$37	Vehicle Identification Number (VIN) Digit 9	7	
DID $90 Byte 9	$44	Vehicle Identification Number (VIN) Digit 10	D	
DID $90 Byte 10	$36	Vehicle Identification Number (VIN) Digit 11	6	
DID $90 Byte 11	$31	Vehicle Identification Number (VIN) Digit 12	[redacted]	
DID $90 Byte12	$38	Vehicle Identification Number (VIN) Digit 13		
DID $90 Byte 13	$37	Vehicle Identification Number (VIN) Digit 14		
DID $90 Byte 14	$37	Vehicle Identification Number (VIN) Digit 15		
DID $90 Byte 15	$37	Vehicle Identification Number (VIN) Digit 16		
DID $90 Byte 16	$33	Vehicle Identification Number (VIN) Digit 17		
DID $9A Bytes 0-1	$0401	System Type	Autoliv	
DID $B4 Bytes 0-1	$4153	Manufacturing Traceability Data, Component Identifier	AS	
DID $B4 Bytes 2-5	$39333737	Manufacturing Traceability Data, Part Number/Broadcast Code	9377	
DID $B4 Byte 6	$45	ManufacturingTraceability Data, Supplier Code	E	
DID $B4 Bytes 7-15	$3035303335383 93833	Manufacturing Traceability Data, Traceability Number	050358983	
DID $C1 Bytes 0-3	$00CF5B82	Software Module Identifier 1	00CF5B82	
DID $C2 Bytes 0-3	$015DEDEB	Software Module Identifier 2	015DEDEB	
DID $C3 Bytes 0-3	$00CF2D7D	Software Module Identifier 3	00CF2D7D	
DID $CB Bytes 0-3	$00CF5B81	End Model Part Number	00CF5B81	

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	2GNALPEK7D6[redacted]
User	[redacted]
Case Number	[redacted]
EDR Data Imaging Date	10/05/2016
Crash Date	08/22/2016
Filename	2GNALPEK7D6[redacted] ACM.CDRX
Saved on	Wednesday, October 5 2016 at 14:14:35
Collected with CDR version	Crash Data Retrieval Tool 16.6
Reported with CDR version	Crash Data Retrieval Tool 16.6
EDR Device Type	Airbag Control Module
Event(s) recovered	Deployment

Comments

dd alone iaa nashville
dl via dlc
power from reg bat (after jump start - bat below 3v when arrive veh)
65671miles
sir lamp on solid at key power

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

-Pretensioner(s) only Deployment
-Head Rest Deployment
-Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.
Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events.
The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment and Non-Deployment Events, the SDM will record up to 300 milliseconds of data after time zero. The SDM will also record up to 300 milliseconds of Vehicle Acceleration data after time zero.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.
-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.

-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
-Significant changes in the tire's rolling radius
-Final drive axle ratio changes
-Wheel lockup and wheel slip
-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
-The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
-No data is received from the module sending the pre-crash data
-For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment cal bration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop # 2 and Knee Deployment Loop.
-The GM parameter name is displayed in parentheses after the NHTSA Part 563 parameter name.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:
All SDM recorded data is measured, calculated, and stored internally, except for the following:
-Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01042_SDM10P-autoliv_r017

System Status at Time of Retrieval

Dynamic Deployment Event Counter	1
Multi-Event, Number of Events (Dynamic Event Counter)	1
Dynamic OnStar Notification Event Counter	1
Vehicle Identification Number (VIN)	2GNALPEK7D6[redacted]
Ignition Cycle, Download (Ignition Cycles at Investigation)	6788
End Model Part Number	00CF5B81
System Type	Autoliv
Software Module Identifier 1	00CF5B82
Software Module Identifier 2	015DEDEB
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	9377
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050358983
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	016FBC3A9
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	016F389AF
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	01704D660
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	01701AC5E
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	016F75AFF
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	016E07D3D
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	00
ESS # 8 Traceability Data, Part Number/Broadcast Code	0000
ESS # 8 Traceability Data, Supplier Code	E
ESS # 8 Traceability Data, Traceability Number	000000000

System Status at Event (Event Record 1)

Event Record Type	Deployment
OnStar Deployment Status Data Sent	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	Yes
OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes
Deployment Event Counter	1
Multi-Event, Number of Events (Event Counter)	1
OnStar Notification Event Counter	1
Time From Event 1 to 2 (Time Between Events) (seconds)	Data Not Available
Ignition Cycle, Crash (Ignition Cycles at Event)	6786
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	Yes
Concurrent Event Flag Set	No
Event Severity Status: Frontal Pretensioner	Yes
Event Severity Status: Frontal Stage 1	Yes
Event Severity Status: Frontal Stage 2	Yes
Event Severity Status: Left Side	No
Event Severity Status: Right Side	No
Event Severity Status: Rear	No
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled
Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Not Buckled
Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available
Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Empty
Passenger Classification Status	Not Applicable
Passenger Air Bag ON Indicator Status	Off
Passenger Air Bag OFF Indicator Status	On
Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	Off
Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	6673
Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253
Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-5 [-8]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	254
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	2 [4]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	40

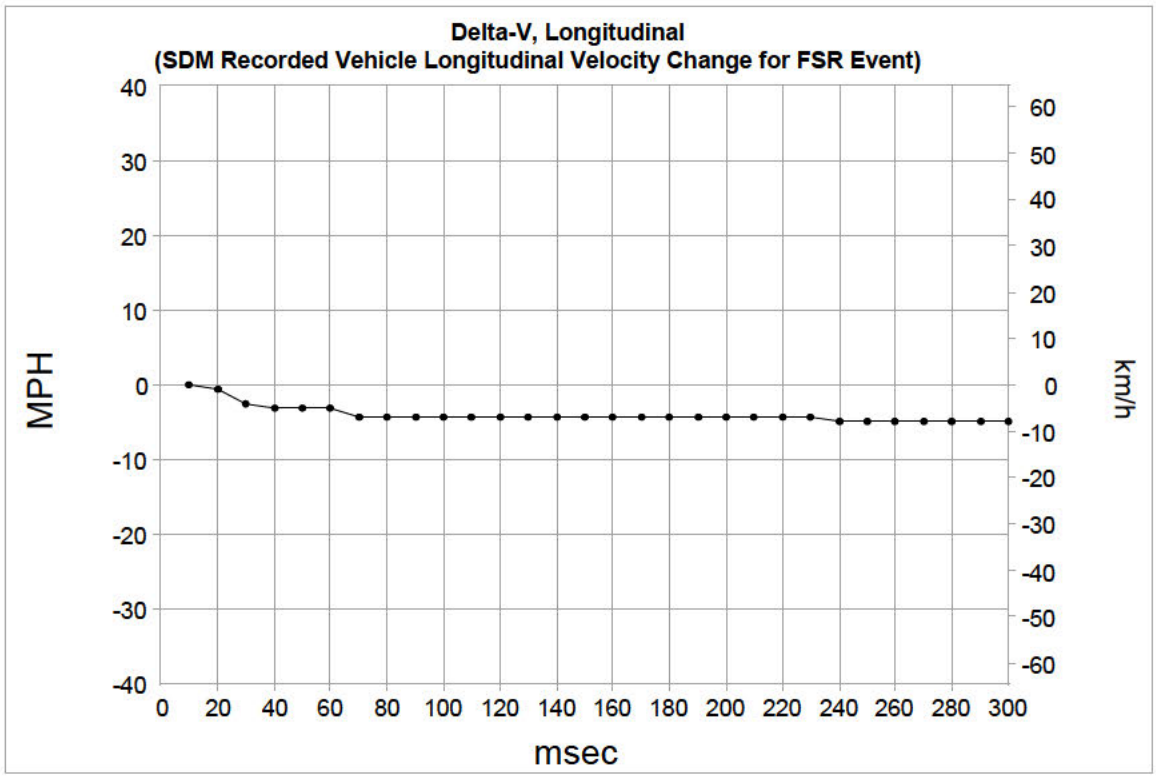
DTCs Present at Time of Event (Event Record 1)

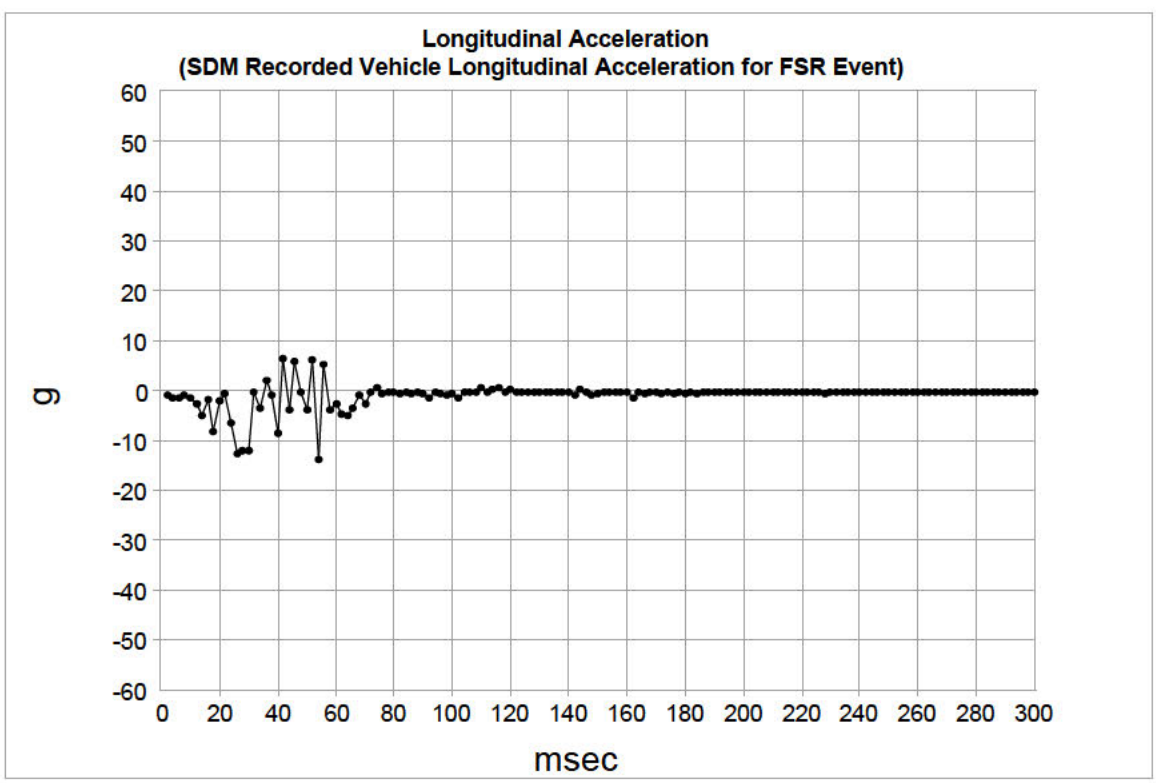
B0052-00

Event Data (Event Record 1)

Driver 1st Stage Deployment Loop Commanded	Yes
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	Yes
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	Yes
Passenger Pretensioner Deployment Loop #1 Commanded	Yes
Driver Pretensioner Deployment Loop #2 Commanded	Yes
Passenger Pretensioner Deployment Loop #2 Commanded	Yes
Driver Thorax Loop Commanded	No
Passenger Thorax Loop Commanded	No
Left Row 1 Roof Rail/Head Curtain Loop Commanded	Yes
Right Row 1 Roof Rail/Head Curtain Loop Commanded	Yes
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	33
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	36
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	33
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	33

Longitudinal Crash Pulse (Event Record 1)





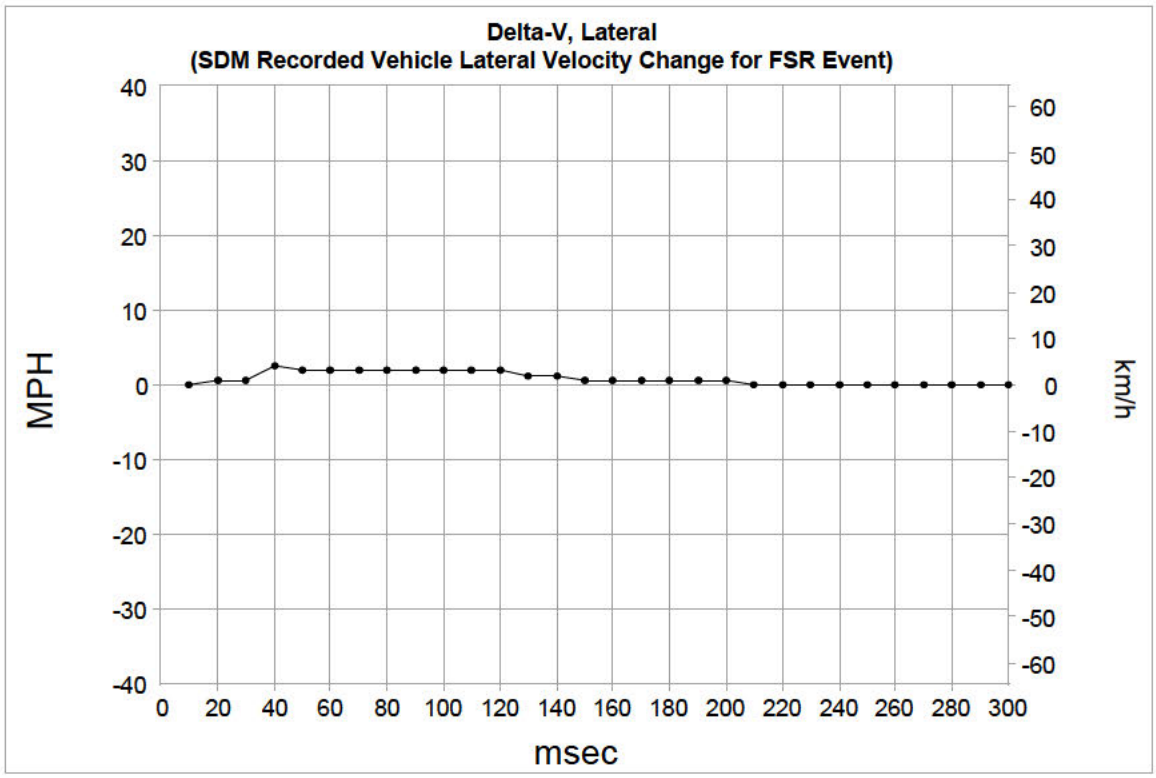
Longitudinal Crash Pulse (Event Record 1)

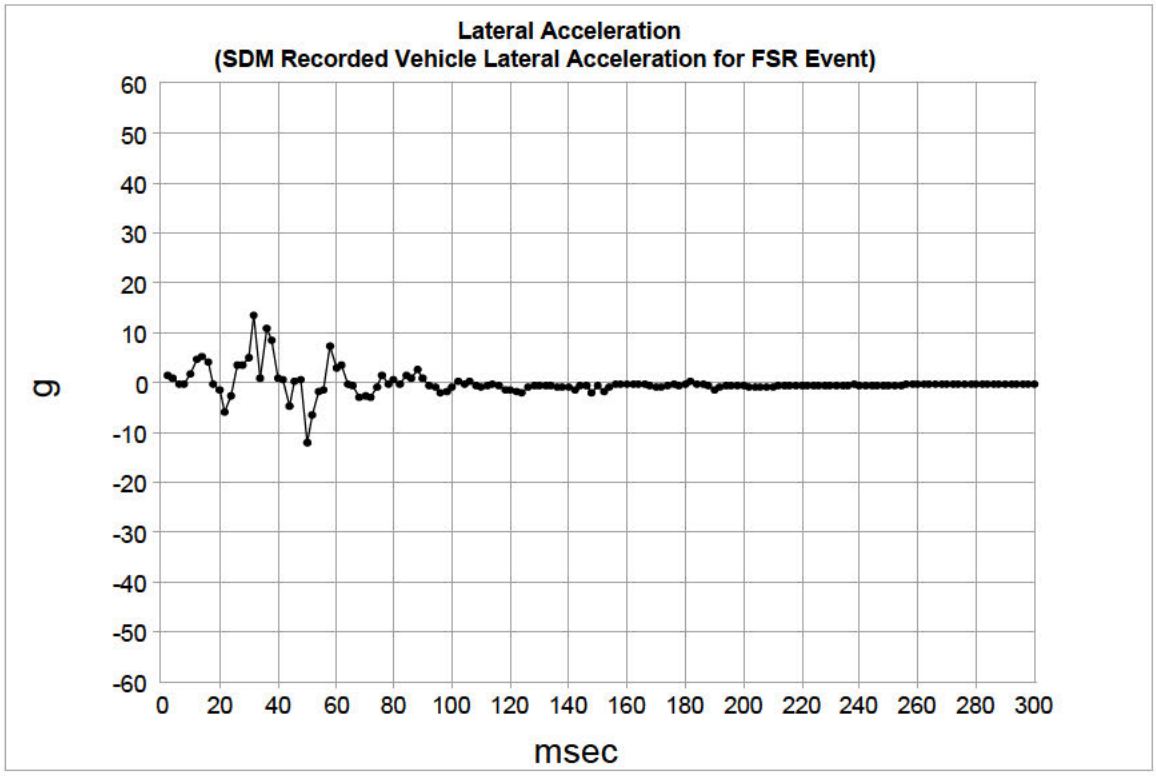
Time (msec)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (MPH)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	-0.6	-1.0
30	-2.5	-4.0
40	-3.1	-5.0
50	-3.1	-5.0
60	-3.1	-5.0
70	-4.3	-7.0
80	-4.3	-7.0
90	-4.3	-7.0
100	-4.3	-7.0
110	-4.3	-7.0
120	-4.3	-7.0
130	-4.3	-7.0
140	-4.3	-7.0
150	-4.3	-7.0
160	-4.3	-7.0
170	-4.3	-7.0
180	-4.3	-7.0
190	-4.3	-7.0
200	-4.3	-7.0
210	-4.3	-7.0
220	-4.3	-7.0
230	-4.3	-7.0
240	-5.0	-8.0
250	-5.0	-8.0
260	-5.0	-8.0
270	-5.0	-8.0
280	-5.0	-8.0
290	-5.0	-8.0
300	-5.0	-8.0

Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-1.0	102	-1.4	202	-0.2
4	-1.4	104	-0.2	204	-0.2
6	-1.4	106	-0.2	206	-0.2
8	-1.0	108	-0.2	208	-0.2
10	-1.4	110	0.6	210	-0.2
12	-2.6	112	-0.2	212	-0.2
14	-5.0	114	0.2	214	-0.2
16	-1.8	116	0.6	216	-0.2
18	-8.2	118	-0.2	218	-0.2
20	-2.2	120	0.2	220	-0.2
22	-0.6	122	-0.2	222	-0.2
24	-6.6	124	-0.2	224	-0.2
26	-12.6	126	-0.2	226	-0.2
28	-12.2	128	-0.2	228	-0.6
30	-12.2	130	-0.2	230	-0.2
32	-0.2	132	-0.2	232	-0.2
34	-3.4	134	-0.2	234	-0.2
36	2.2	136	-0.2	236	-0.2
38	-1.0	138	-0.2	238	-0.2
40	-8.6	140	-0.2	240	-0.2
42	6.6	142	-1.0	242	-0.2
44	-3.8	144	0.2	244	-0.2
46	5.8	146	-0.2	246	-0.2
48	-0.2	148	-1.0	248	-0.2
50	-3.8	150	-0.6	250	-0.2
52	6.2	152	-0.2	252	-0.2
54	-13.8	154	-0.2	254	-0.2
56	5.4	156	-0.2	256	-0.2
58	-3.8	158	-0.2	258	-0.2
60	-2.6	160	-0.2	260	-0.2
62	-4.6	162	-1.4	262	-0.2
64	-5.0	164	-0.2	264	-0.2
66	-3.4	166	-0.6	266	-0.2
68	-1.0	168	-0.2	268	-0.2
70	-2.6	170	-0.2	270	-0.2
72	-0.2	172	-0.6	272	-0.2
74	0.6	174	-0.2	274	-0.2
76	-0.6	176	-0.6	276	-0.2
78	-0.2	178	-0.2	278	-0.2
80	-0.2	180	-0.6	280	-0.2
82	-0.6	182	-0.2	282	-0.2
84	-0.2	184	-0.6	284	-0.2
86	-0.6	186	-0.2	286	-0.2
88	-0.2	188	-0.2	288	-0.2
90	-0.6	190	-0.2	290	-0.2
92	-1.4	192	-0.2	292	-0.2
94	-0.2	194	-0.2	294	-0.2
96	-0.6	196	-0.2	296	-0.2
98	-1.0	198	-0.2	298	-0.2
100	-0.6	200	-0.2	300	-0.2

Lateral Crash Pulse (Event Record 1)





Lateral Crash Pulse (Event Record 1)

Time (msec)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (MPH)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	0.6	1.0
30	0.6	1.0
40	2.5	4.0
50	1.9	3.0
60	1.9	3.0
70	1.9	3.0
80	1.9	3.0
90	1.9	3.0
100	1.9	3.0
110	1.9	3.0
120	1.9	3.0
130	1.2	2.0
140	1.2	2.0
150	0.6	1.0
160	0.6	1.0
170	0.6	1.0
180	0.6	1.0
190	0.6	1.0
200	0.6	1.0
210	0.0	0.0
220	0.0	0.0
230	0.0	0.0
240	0.0	0.0
250	0.0	0.0
260	0.0	0.0
270	0.0	0.0
280	0.0	0.0
290	0.0	0.0
300	0.0	0.0

Lateral Crash Pulse (Event Record 1)

Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)
2	1.4	102	0.2	202	-1.0
4	1.0	104	-0.2	204	-1.0
6	-0.2	106	0.2	206	-1.0
8	-0.2	108	-0.6	208	-1.0
10	1.8	110	-1.0	210	-1.0
12	4.6	112	-0.6	212	-0.6
14	5.4	114	-0.2	214	-0.6
16	4.2	116	-0.6	216	-0.6
18	-0.2	118	-1.4	218	-0.6
20	-1.4	120	-1.4	220	-0.6
22	-5.8	122	-1.8	222	-0.6
24	-2.6	124	-2.2	224	-0.6
26	3.4	126	-1.0	226	-0.6
28	3.4	128	-0.6	228	-0.6
30	5.0	130	-0.6	230	-0.6
32	13.4	132	-0.6	232	-0.6
34	1.0	134	-0.6	234	-0.6
36	11.0	136	-1.0	236	-0.6
38	8.6	138	-1.0	238	-0.2
40	1.0	140	-1.0	240	-0.6
42	0.6	142	-1.4	242	-0.6
44	-4.6	144	-0.6	244	-0.6
46	0.2	146	-0.6	246	-0.6
48	0.6	148	-2.2	248	-0.6
50	-12.2	150	-0.6	250	-0.6
52	-6.6	152	-1.8	252	-0.6
54	-1.8	154	-1.0	254	-0.6
56	-1.4	156	-0.2	256	-0.2
58	7.4	158	-0.2	258	-0.2
60	3.0	160	-0.2	260	-0.2
62	3.4	162	-0.2	262	-0.2
64	-0.2	164	-0.2	264	-0.2
66	-0.6	166	-0.2	266	-0.2
68	-3.0	168	-0.6	268	-0.2
70	-2.6	170	-1.0	270	-0.2
72	-3.0	172	-1.0	272	-0.2
74	-1.0	174	-0.6	274	-0.2
76	1.4	176	-0.2	276	-0.2
78	-0.2	178	-0.6	278	-0.2
80	0.6	180	-0.2	280	-0.2
82	-0.2	182	0.2	282	-0.2
84	1.4	184	-0.2	284	-0.2
86	1.0	186	-0.2	286	-0.2
88	2.6	188	-0.6	288	-0.2
90	1.0	190	-1.4	290	-0.2
92	-0.6	192	-1.0	292	-0.2
94	-1.0	194	-0.6	294	-0.2
96	-2.2	196	-0.6	296	-0.2
98	-1.8	198	-0.6	298	-0.2
100	-1.0	200	-0.6	300	-0.2

Rollover Crash Pulse (Event Record 1)
SDM Recorded Vehicle Roll Rate

Contains No Recorded Data

Rollover Crash Pulse (Event Record 1)
Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event)

Contains No Recorded Data

Vertical Crash Pulse (Event Record 1)
Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event)

Contains No Recorded Data

Pre-Crash Data -5.0 to -0.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	36	Off	3008	46	35 [57]
-4.5	33	Off	2880	42	36 [58]
-4.0	30	Off	2880	39	36 [58]
-3.5	28	Off	2688	39	36 [58]
-3.0	26	Off	2176	41	36 [58]
-2.5	26	Off	2176	38	36 [58]
-2.0	26	Off	2112	37	36 [58]
-1.5	10	Off	1984	31	36 [58]
-1.0	6	Off	1984	21	35 [57]
-0.5	0	Off	1920	17	35 [56]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 1)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	105 [142]	Off
-1.5	No	No	No	83 [112]	Off
-1.0	No	No	No	14 [20]	Off
-0.5	No	No	No	0 [0]	Off

Hexadecimal Data

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DPID $15
01 02 03 04 05 06 07

DPID $16
08 09 0A 0D 0E 00 00

DPID $17
00 00 00 00 00 00 00

DPID $32
00 FD 1A 84 00 00 00

DPID $35
78 00 00 00 00 00 00

DID $01
41 55 32 35 37 37 45 30 31 36 46 42 43 33 41 39

DID $03
41 54 32 35 37 37 45 30 31 36 46 33 38 39 41 46

DID $05
41 48 32 35 37 37 45 30 31 37 30 34 44 36 36 30

DID $07
41 4A 32 35 37 37 45 30 31 37 30 31 41 43 35 45

DID $09
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DID $0B
44 42 34 39 33 36 45 30 31 36 45 30 37 44 33 44

DID $0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID $0F
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DID $30
01 00 01 01

DID $90
32 47 4E 41 4C 50 45 4B 37 44 36 31 38 37 37 37 33

DID $9A
04 01

DID $B4
41 53 39 33 37 37 45 30 35 30 33 35 38 39 38 33

DID $C1
00 CF 5B 82

DID $C2
01 5D ED EB

DID $C3
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00 CF 2D 7D

DID $CB
00 CF 5B 81

DID $31

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 0020   4C FC FC F0 00 00 C0 10 00 06
 0030   0A 1A 1A 1A 1C 1E 21 24 00 00
 0040   00 00 00 00 00 1E 1F 1F 21 22
 0050   22 2A 2D 2D 2F 06 9F 06 C7 07
 0060   80 07 BC 11 15 1F 25 26 29 27
 0070   27 2A 2E 38 39 3A 3A 3A 3A 3A
 0080   3A 3A 39 00 FF FD 1A 11 FD 00
 0090   00 00 00 00 00 00 00 00 00 00
 0100   00 00 00 00 00 00 00 00 00 00
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 0120   21 24 FF FF FF FF 21 21 7F 7F
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DID $32

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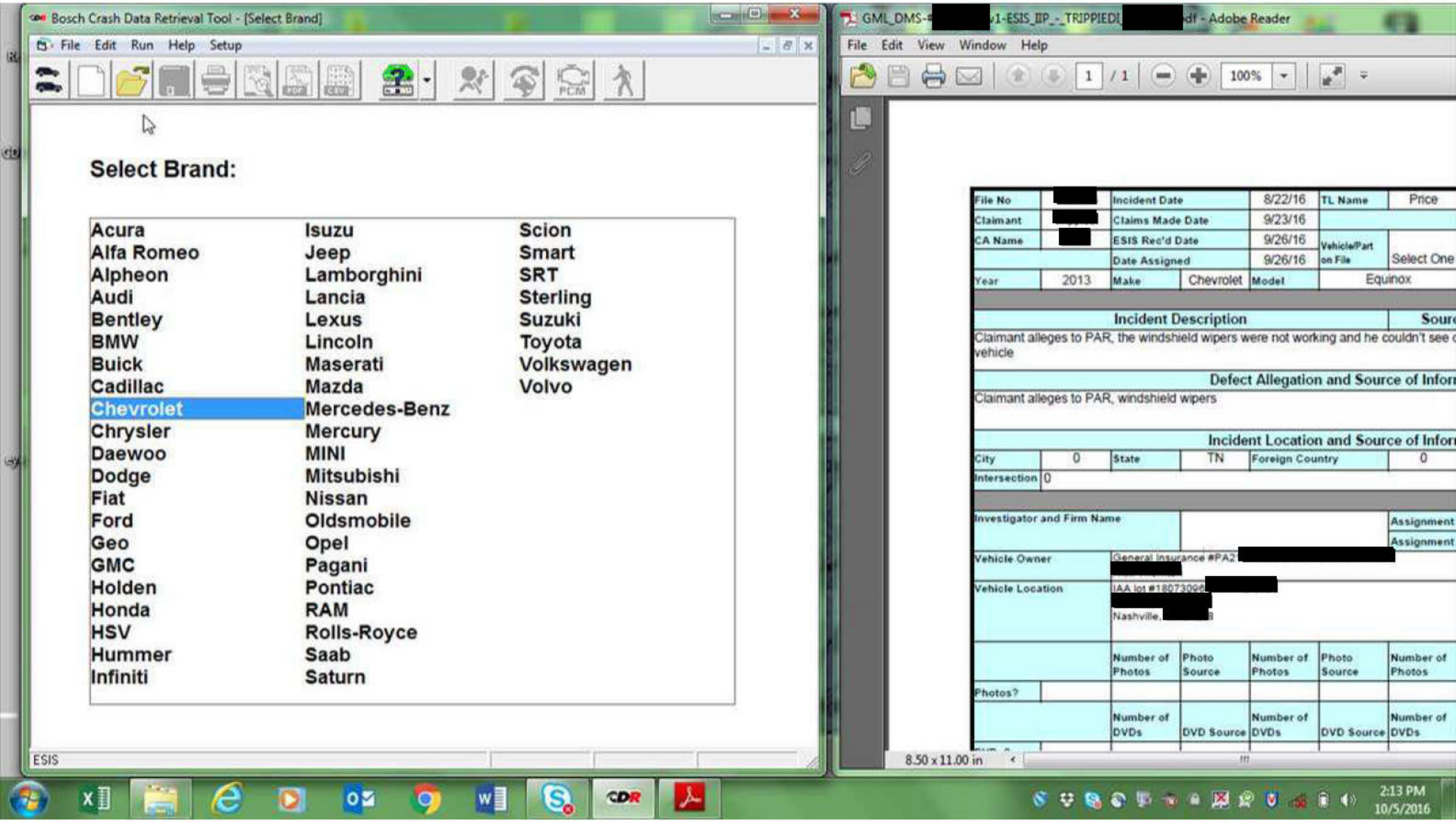
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ESIS Rec'd Date 9/26/16
Vehicle/Part on File
Date Assigned 9/26/16
Select One
Year 2013
Make Chevrolet
Model Equinox
Incident Description
Claimant alleges to PAR, the windshield wipers were not working and he couldn't see
vehicle
Defect Allegation and Source of Infor
Claimant alleges to PAR, windshield wipers
Incident Location and Source of Infor
City 0
State TN
Foreign Country 0
Intersection 0
Investigator and Firm Name
Assignment
Assignment
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Vehicle Location
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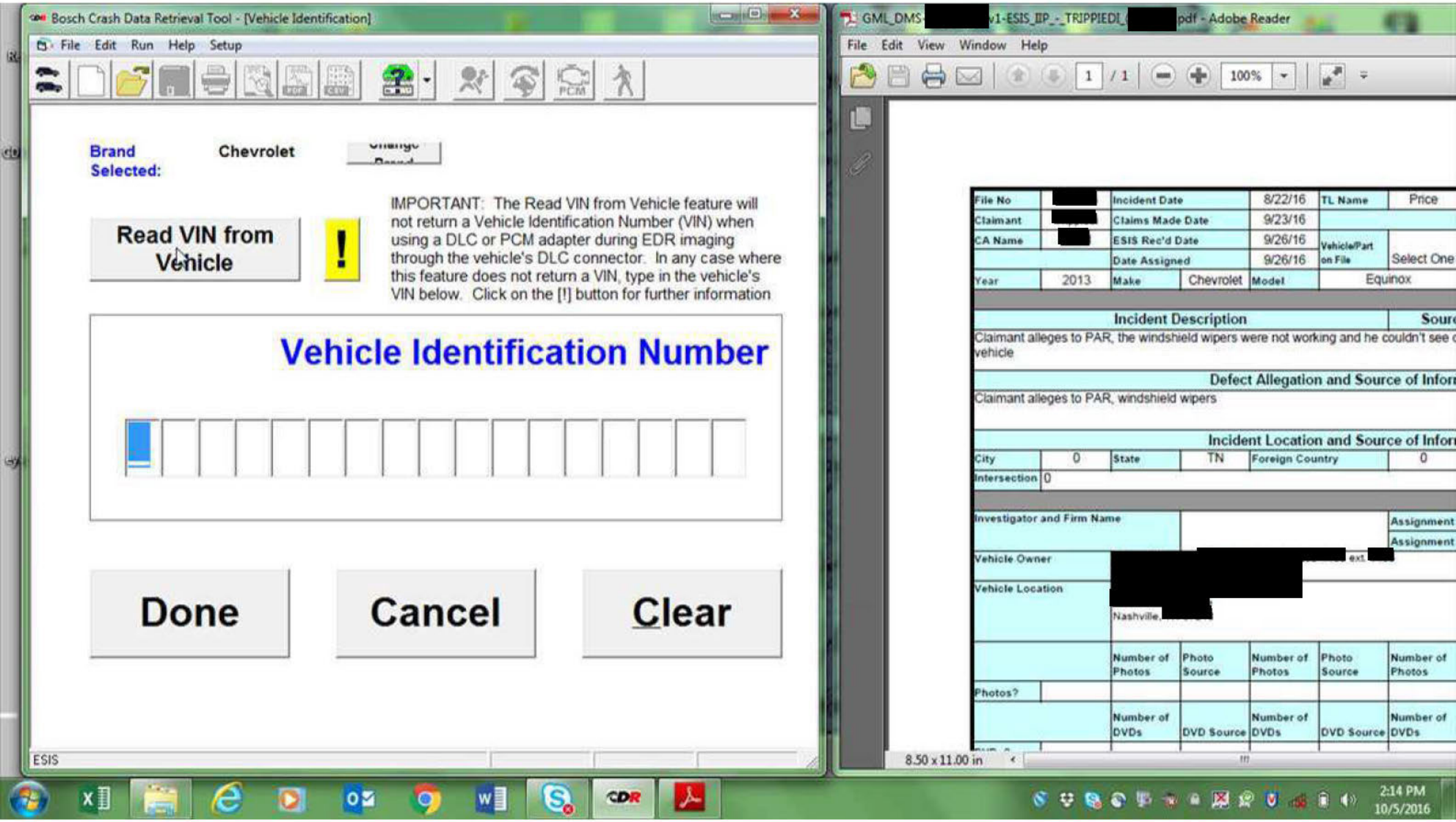
10/5/2016


Bosch Crash Data Retrieval Tool - [Vehicle Identification]
File Edit Run Help Setup
Brand Selected:
Chevrolet
Read VIN from Vehicle
IMPORTANT: The Read VIN from Vehicle feature will not return a Vehicle Identification Number (VIN) when using a DLC or PCM adapter during EDR imaging through the vehicle's DLC connector. In any case where this feature does not return a VIN, type in the vehicle's VIN below. Click on the [!] button for further information
Vehicle Identification Number
Done
Cancel
Clear
ESIS
GML_DMS [redacted] pdf - Adobe Reader
File Edit View Window Help
File No [redacted]
Claimant [redacted]
CA Name [redacted]
Incident Date 8/22/16
Claims Made Date 9/23/16
ESIS Rec'd Date 9/26/16
Date Assigned 9/26/16
TL Name Price
Vehicle/Part on File Select One
Year 2013 Make Chevrolet Model Equinox
Incident Description
Claimant alleges to PAR, the windshield wipers were not working and he couldn't see
vehicle
Defect Allegation and Source of Infor
Claimant alleges to PAR, windshield wipers
Incident Location and Source of Infor
City 0 State TN Foreign Country 0
Intersection 0
Investigator and Firm Name
Assignment
Assignment
Vehicle Owner [redacted]
Vehicle Location [redacted]
Nashville [redacted]
Number of Photos
Photo Source
Number of Photos
Photo Source
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Photos?
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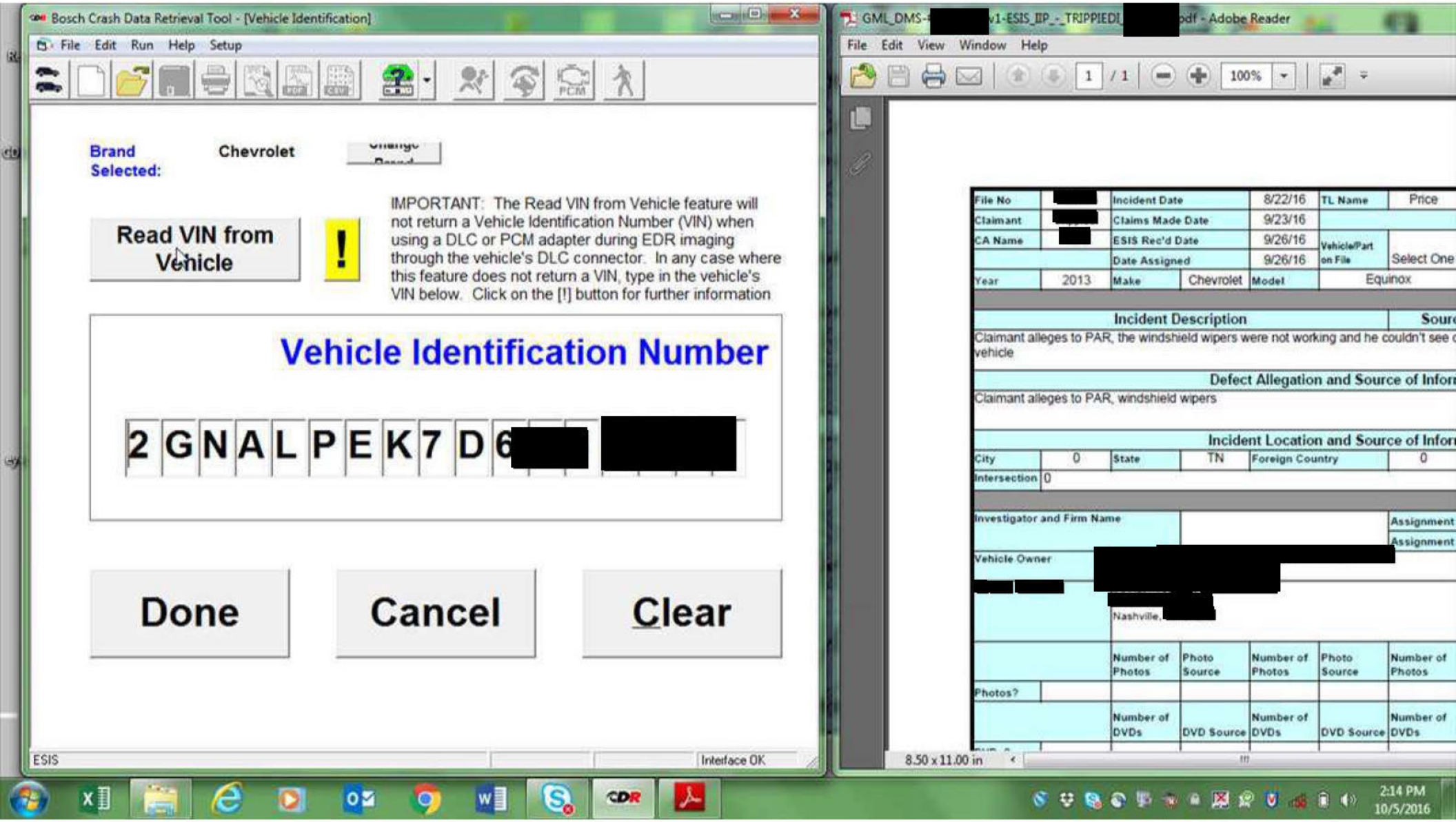
10/5/2016


Bosch Crash Data Retrieval Tool - [Vehicle Identification]
File Edit Run Help Setup
Brand Selected:
Chevrolet
Read VIN from Vehicle
IMPORTANT: The Read VIN from Vehicle feature will not return a Vehicle Identification Number (VIN) when using a DLC or PCM adapter during EDR imaging through the vehicle's DLC connector. In any case where this feature does not return a VIN, type in the vehicle's VIN below. Click on the [!] button for further information
Vehicle Identification Number
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Done
Cancel
Clear
ESIS
Interface OK
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Claims Made Date 9/23/16
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Vehicle/Part on File
Date Assigned 9/26/16
Select One
Year 2013
Make Chevrolet
Model Equinox
Incident Description
Claimant alleges to PAR, the windshield wipers were not working and he couldn't see
vehicle
Defect Allegation and Source of Infor
Claimant alleges to PAR, windshield wipers
Incident Location and Source of Infor
City 0
State TN
Foreign Country 0
Intersection 0
Investigator and Firm Name
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10/5/2016

GDS 2



Diagnostics

Manage Diagnostic Packages

Review Stored Data

Language

Preferences

Release Notes

Days Remaining Until Lease Expires
7

Close Application

Back | Contact Us | Home | Vehicle Menu | Enter

GDS 2 v.15.0.14700 GM Global v2016.9.1

2:23 PM
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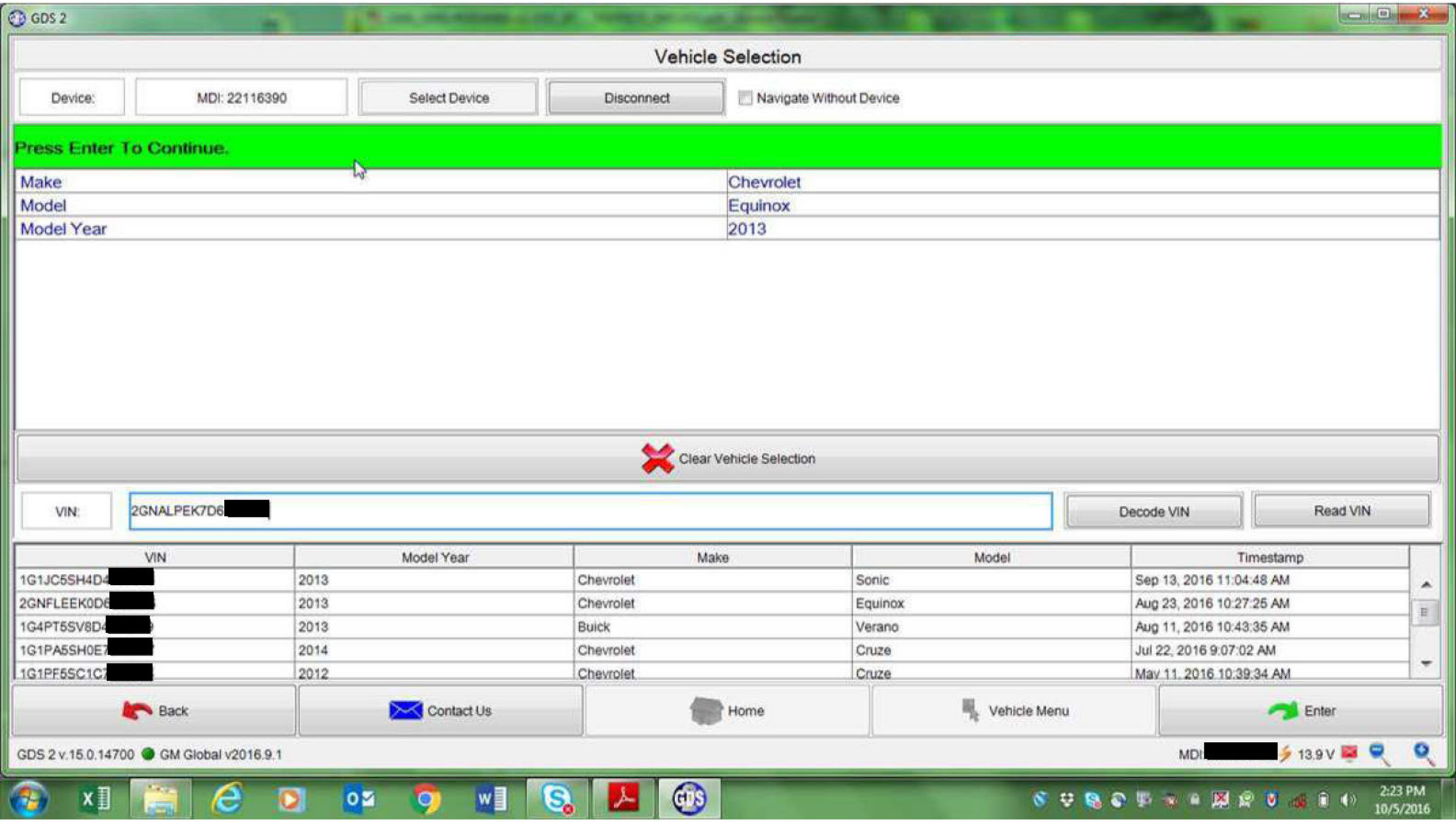
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MDI
13.9 V
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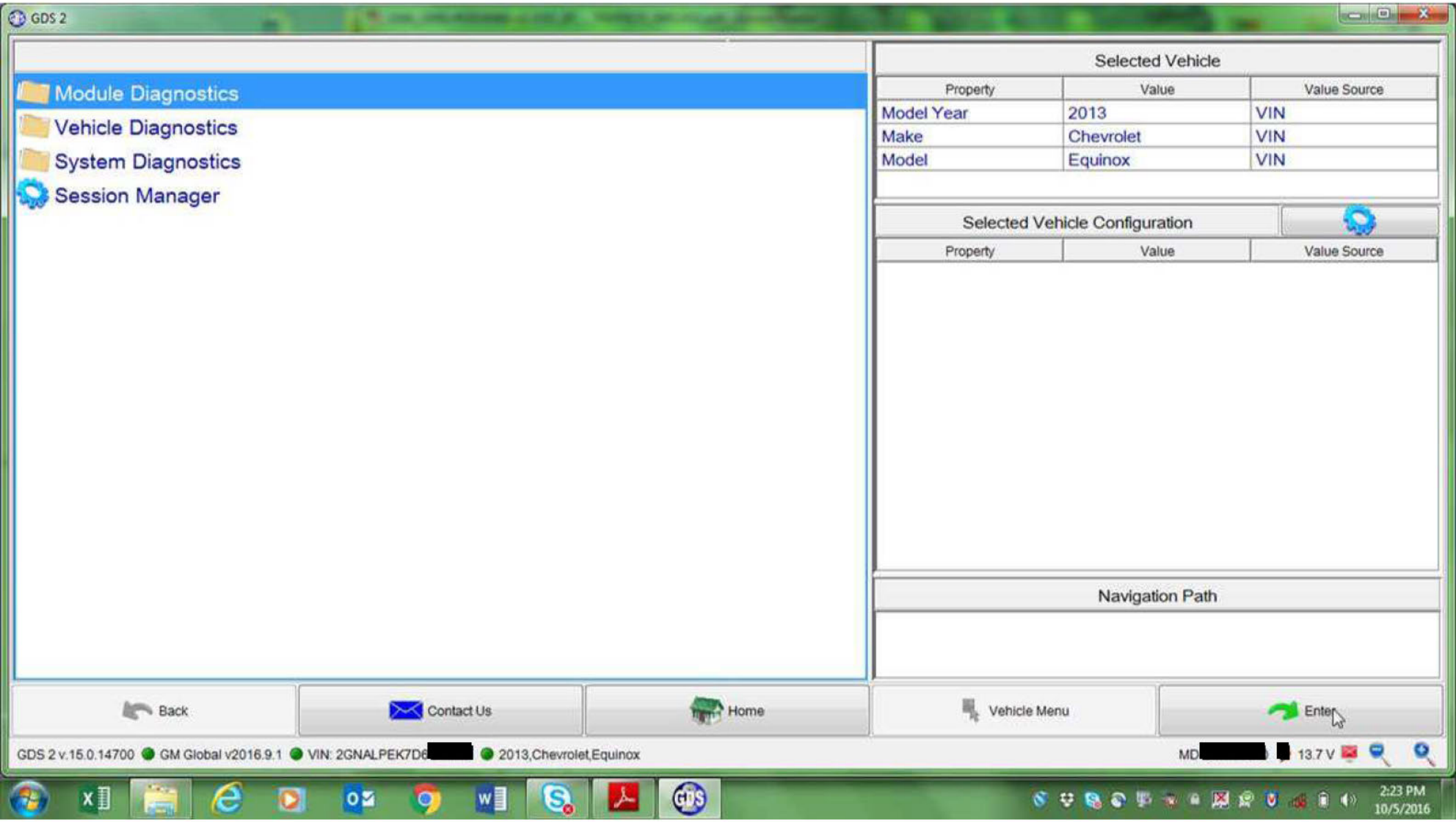
GDS 2
Module Diagnostics
Vehicle Diagnostics
System Diagnostics
Session Manager
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
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Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MD
13.7 V
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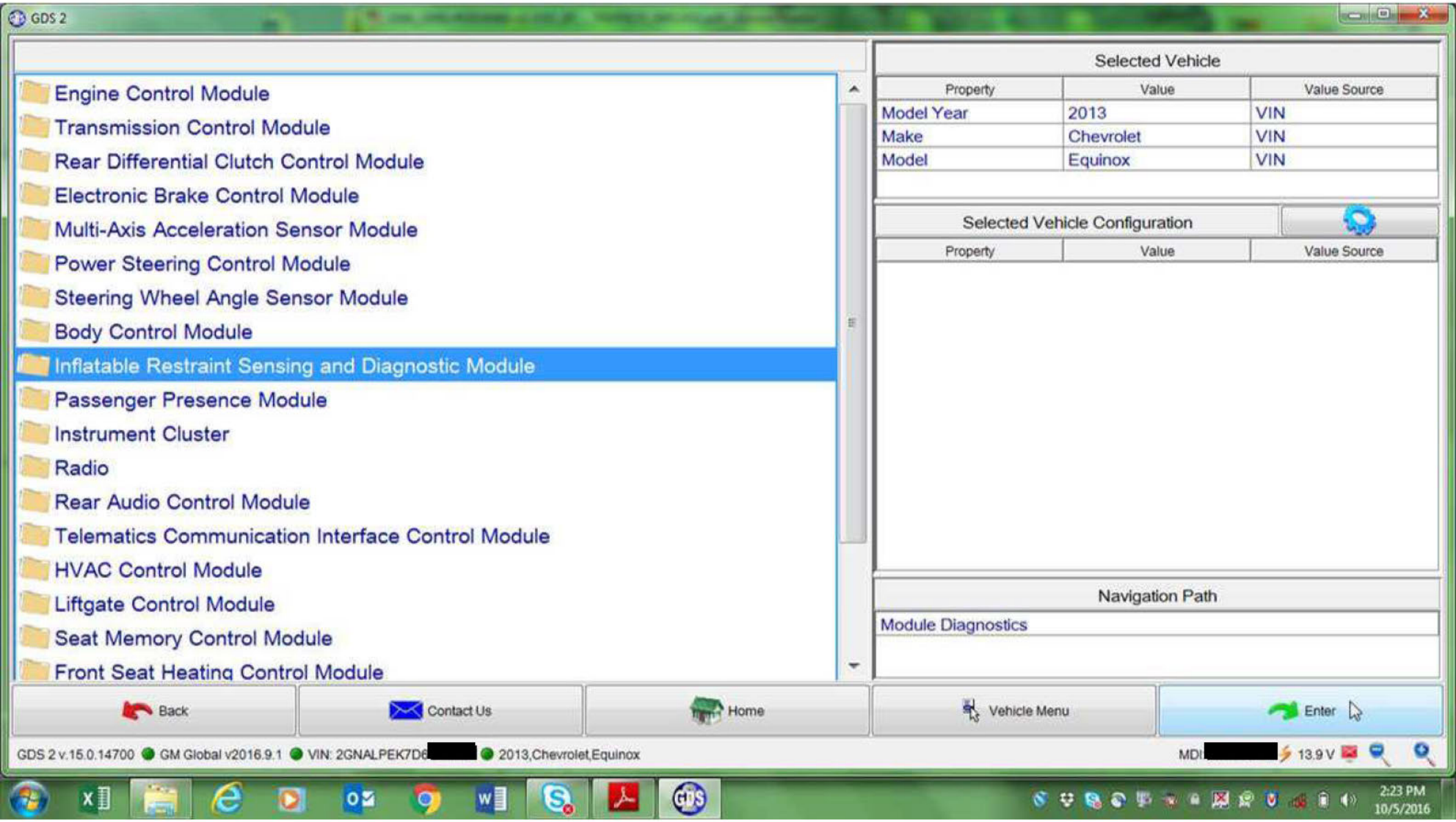
GDS 2
Engine Control Module
Transmission Control Module
Rear Differential Clutch Control Module
Electronic Brake Control Module
Multi-Axis Acceleration Sensor Module
Power Steering Control Module
Steering Wheel Angle Sensor Module
Body Control Module
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module
Instrument Cluster
Radio
Rear Audio Control Module
Telematics Communication Interface Control Module
HVAC Control Module
Liftgate Control Module
Seat Memory Control Module
Front Seat Heating Control Module
Selected Vehicle
Property
Value
Value Source
Model Year
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Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
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GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
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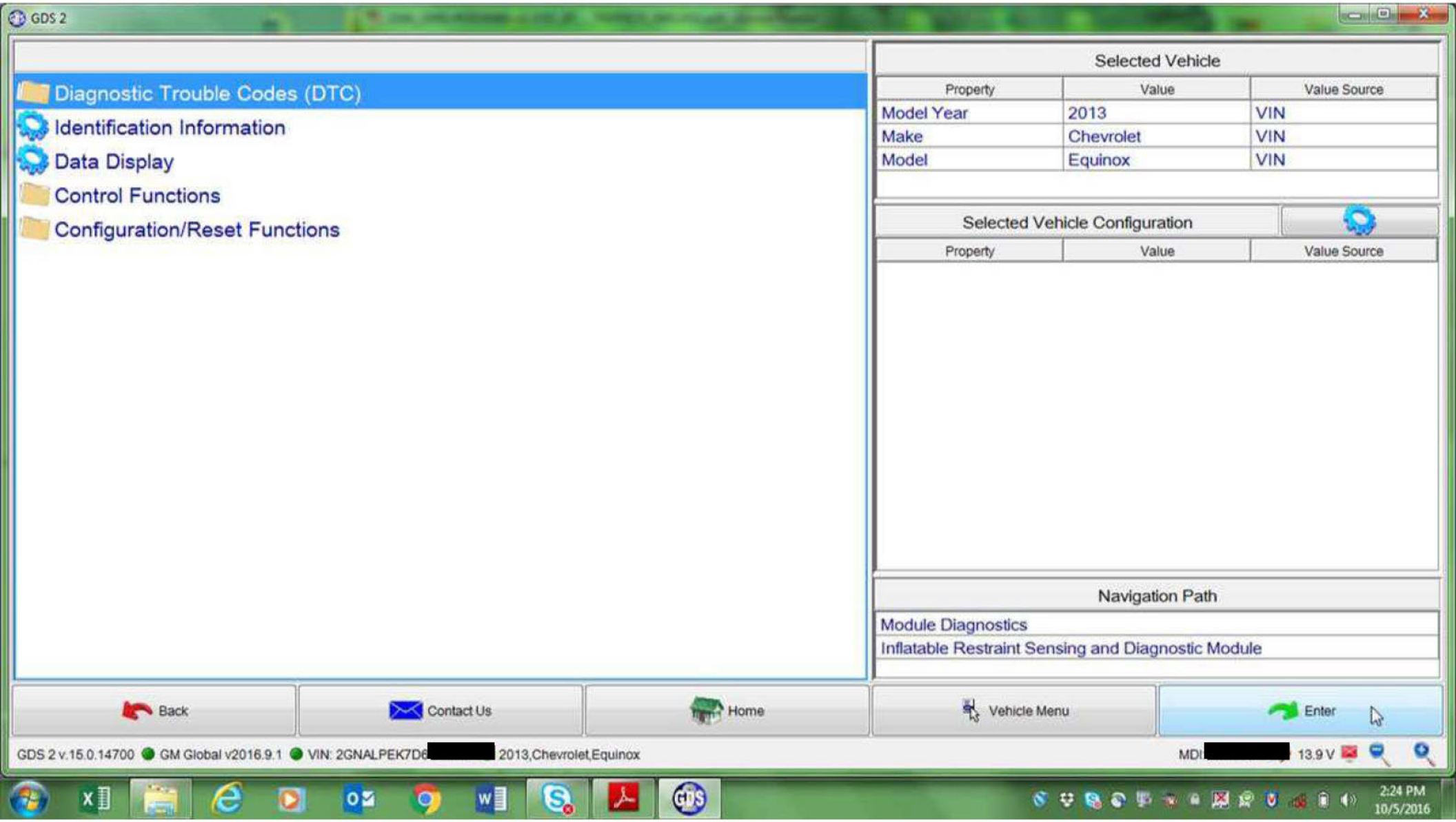
GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
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Model
Equinox
VIN
Selected Vehicle Configuration
Property
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Value Source
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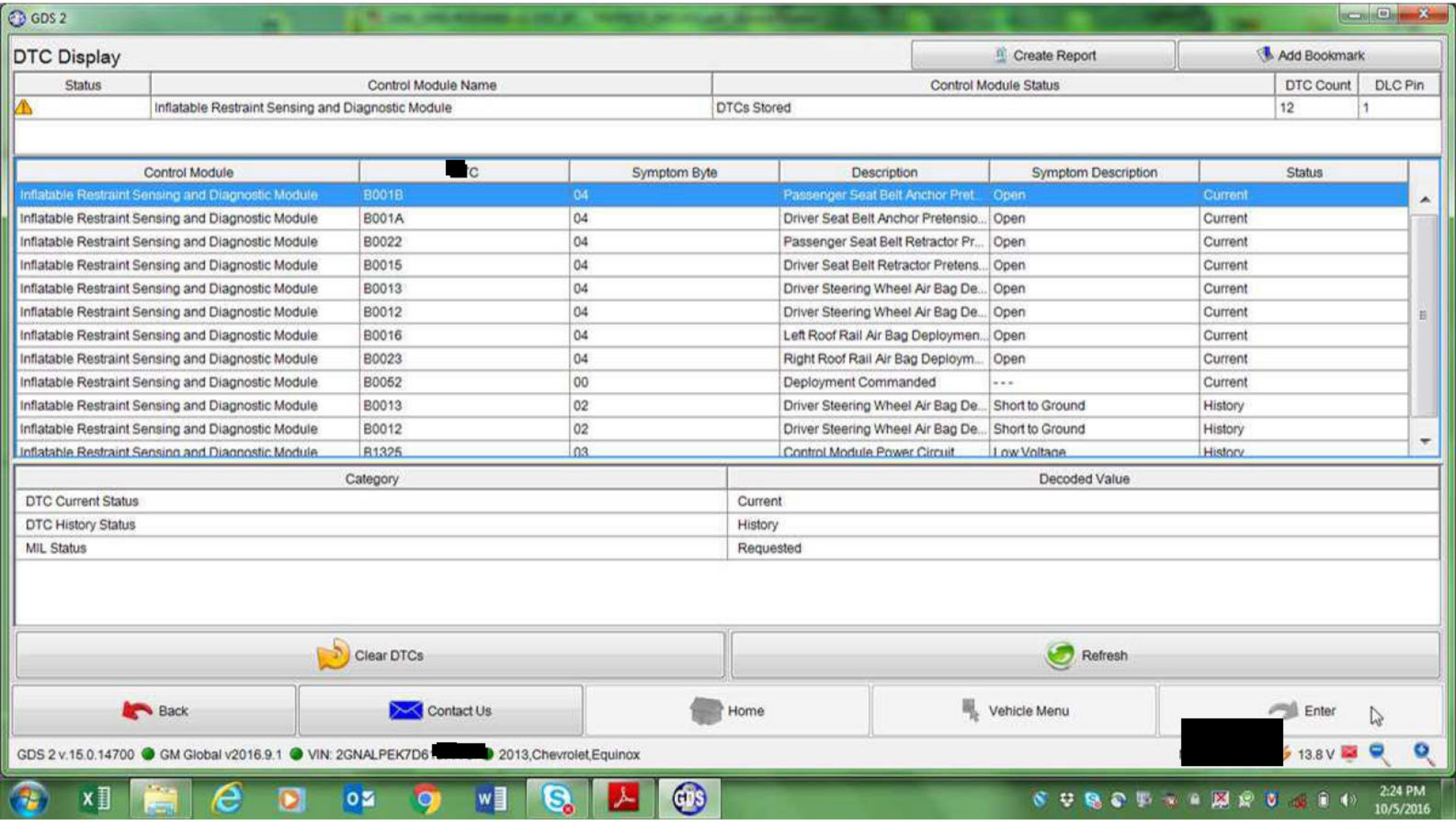
GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Inflatable Restraint Sensing and Diagnostic Module
DTCs Stored
12
1
Control Module
[redacted]C
Symptom Byte
Description
Symptom Description
Status
Inflatable Restraint Sensing and Diagnostic Module B001B 04 Passenger Seat Belt Anchor Pret... Open Current
Inflatable Restraint Sensing and Diagnostic Module B001A 04 Driver Seat Belt Anchor Pretensio... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0022 04 Passenger Seat Belt Retractor Pr... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0015 04 Driver Seat Belt Retractor Pretens... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0013 04 Driver Steering Wheel Air Bag De... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0012 04 Driver Steering Wheel Air Bag De... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0016 04 Left Roof Rail Air Bag Deploymen... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0023 04 Right Roof Rail Air Bag Deploym... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0052 00 Deployment Commanded --- Current
Inflatable Restraint Sensing and Diagnostic Module B0013 02 Driver Steering Wheel Air Bag De... Short to Ground History
Inflatable Restraint Sensing and Diagnostic Module B0012 02 Driver Steering Wheel Air Bag De... Short to Ground History
Inflatable Restraint Sensing and Diagnostic Module B1325 03 Control Module Power Circuit Low Voltage History
Category
Decoded Value
DTC Current Status
Current
DTC History Status
History
MIL Status
Requested
Clear DTCs
Refresh
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GDS 2 v.15.0.14700
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VIN: 2GNALPEK7D6[redacted]
2013,Chevrolet,Equinox
[redacted]
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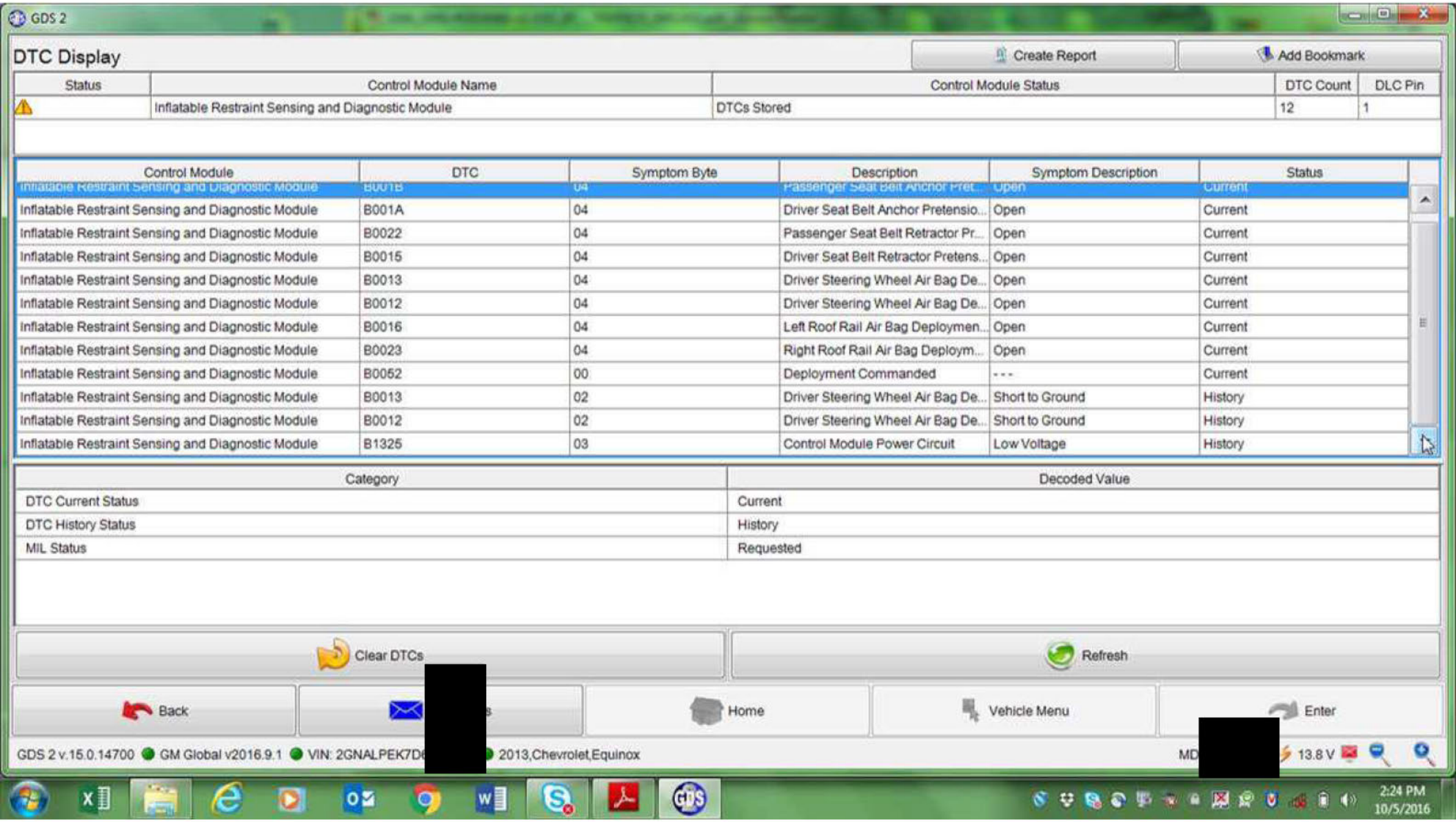
GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Inflatable Restraint Sensing and Diagnostic Module
DTCs Stored
12
1
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Inflatable Restraint Sensing and Diagnostic Module B001A 04 Driver Seat Belt Anchor Pretensio... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0022 04 Passenger Seat Belt Retractor Pr... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0015 04 Driver Seat Belt Retractor Pretens... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0013 04 Driver Steering Wheel Air Bag De... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0012 04 Driver Steering Wheel Air Bag De... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0016 04 Left Roof Rail Air Bag Deploymen... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0023 04 Right Roof Rail Air Bag Deploym... Open Current
Inflatable Restraint Sensing and Diagnostic Module B0052 00 Deployment Commanded --- Current
Inflatable Restraint Sensing and Diagnostic Module B0013 02 Driver Steering Wheel Air Bag De... Short to Ground History
Inflatable Restraint Sensing and Diagnostic Module B0012 02 Driver Steering Wheel Air Bag De... Short to Ground History
Inflatable Restraint Sensing and Diagnostic Module B1325 03 Control Module Power Circuit Low Voltage History
Category
Decoded Value
DTC Current Status
Current
DTC History Status
History
MIL Status
Requested
Clear DTCs
Refresh
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GDS 2 v.15.0.14700
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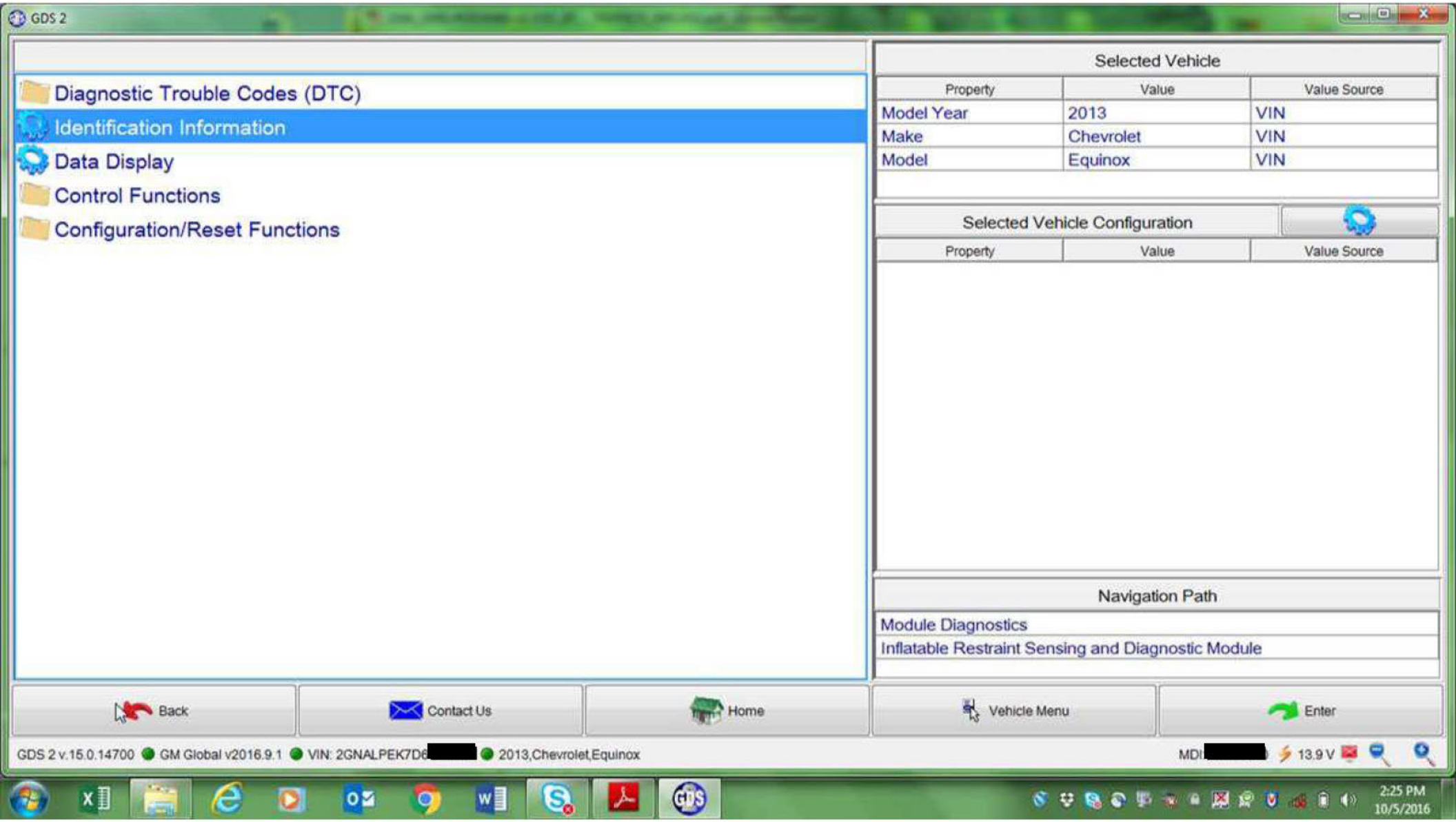
GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
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Value Source
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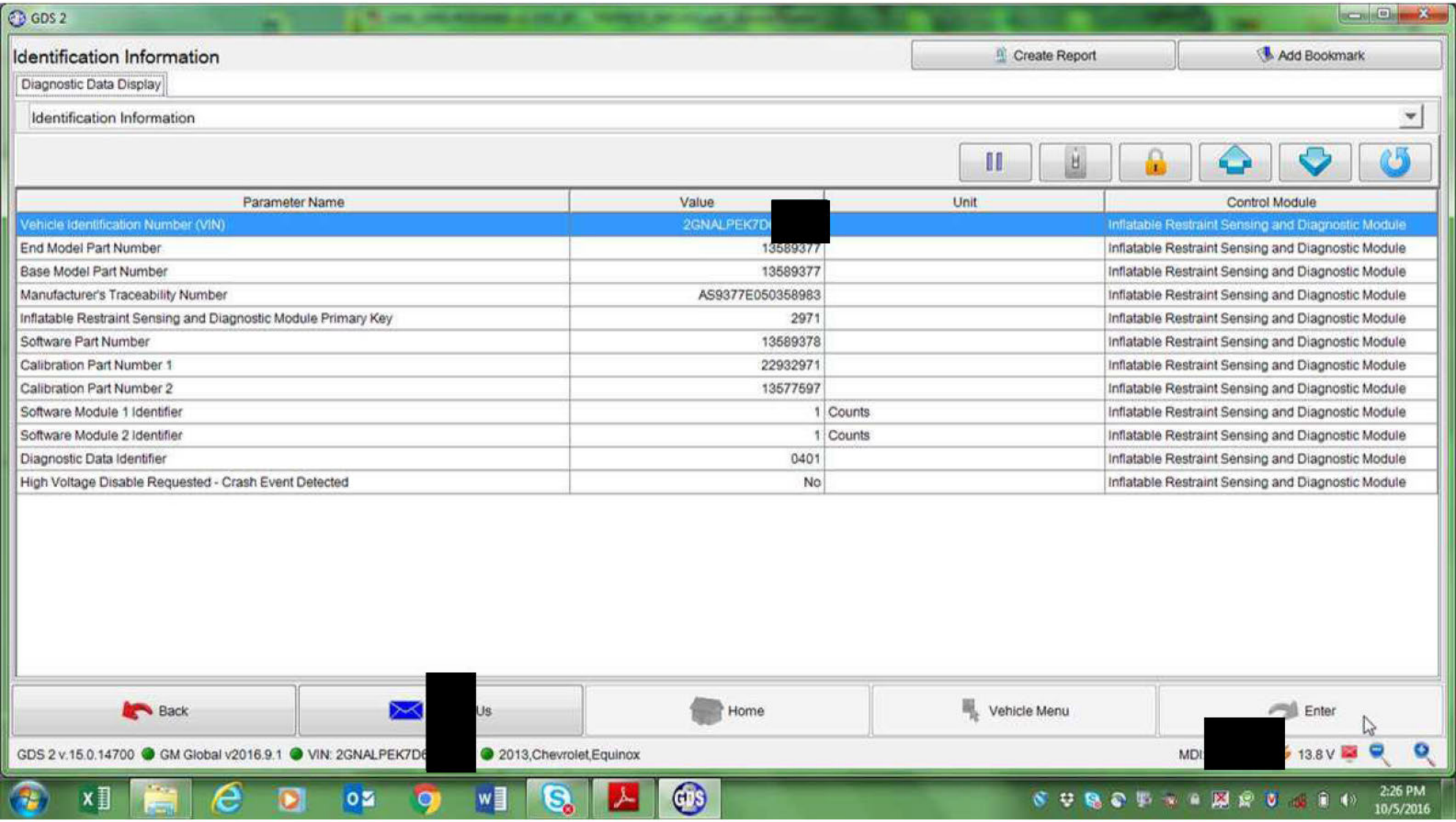
GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Vehicle Identification Number (VIN)
2GNALPEK7D
Inflatable Restraint Sensing and Diagnostic Module
End Model Part Number
13589377
Inflatable Restraint Sensing and Diagnostic Module
Base Model Part Number
13589377
Inflatable Restraint Sensing and Diagnostic Module
Manufacturer's Traceability Number
AS9377E050358983
Inflatable Restraint Sensing and Diagnostic Module
Inflatable Restraint Sensing and Diagnostic Module Primary Key
2971
Inflatable Restraint Sensing and Diagnostic Module
Software Part Number
13589378
Inflatable Restraint Sensing and Diagnostic Module
Calibration Part Number 1
22932971
Inflatable Restraint Sensing and Diagnostic Module
Calibration Part Number 2
13577597
Inflatable Restraint Sensing and Diagnostic Module
Software Module 1 Identifier
1
Counts
Inflatable Restraint Sensing and Diagnostic Module
Software Module 2 Identifier
1
Counts
Inflatable Restraint Sensing and Diagnostic Module
Diagnostic Data Identifier
0401
Inflatable Restraint Sensing and Diagnostic Module
High Voltage Disable Requested - Crash Event Detected
No
Inflatable Restraint Sensing and Diagnostic Module
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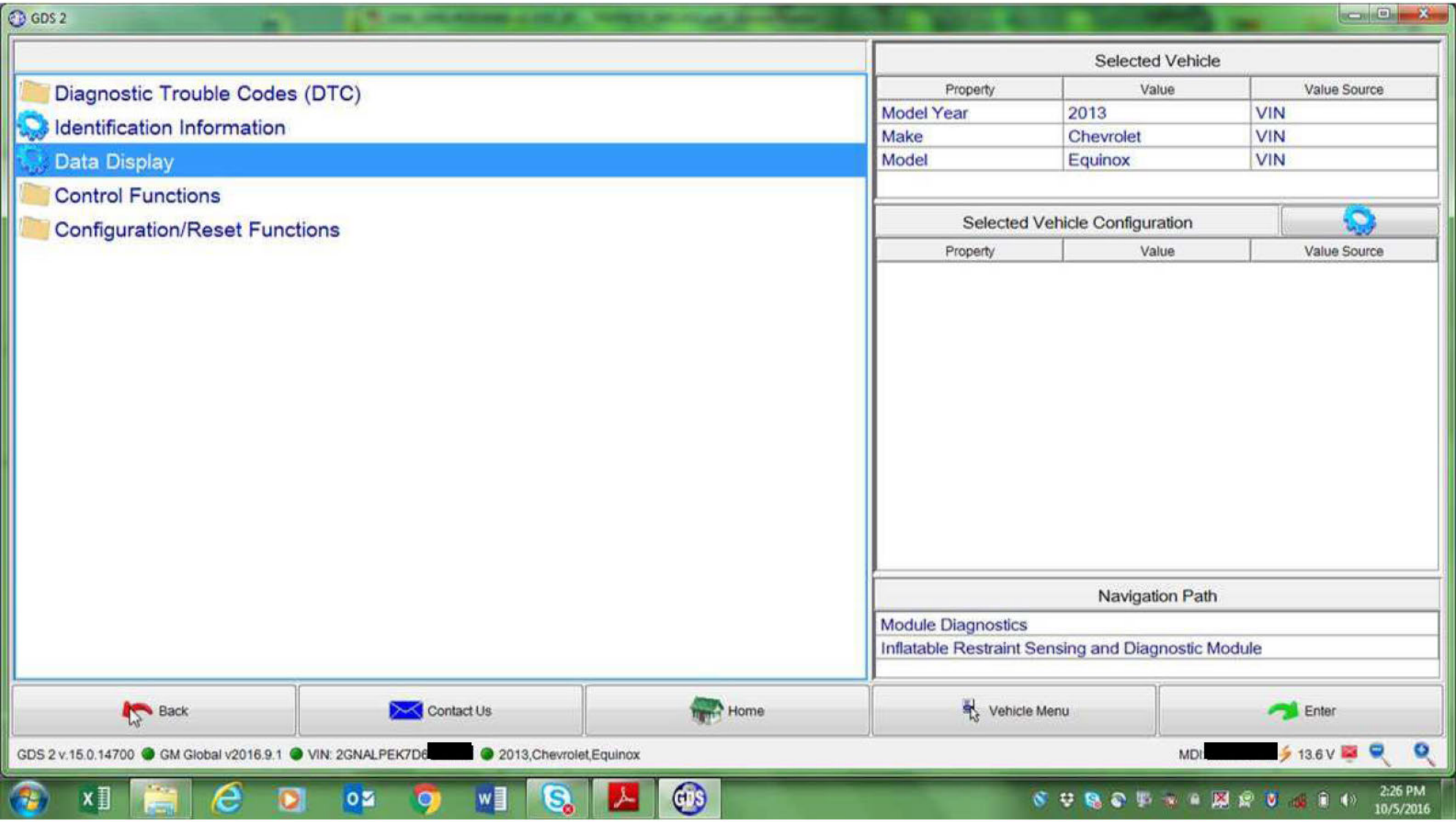
GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
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Equinox
VIN
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Value Source
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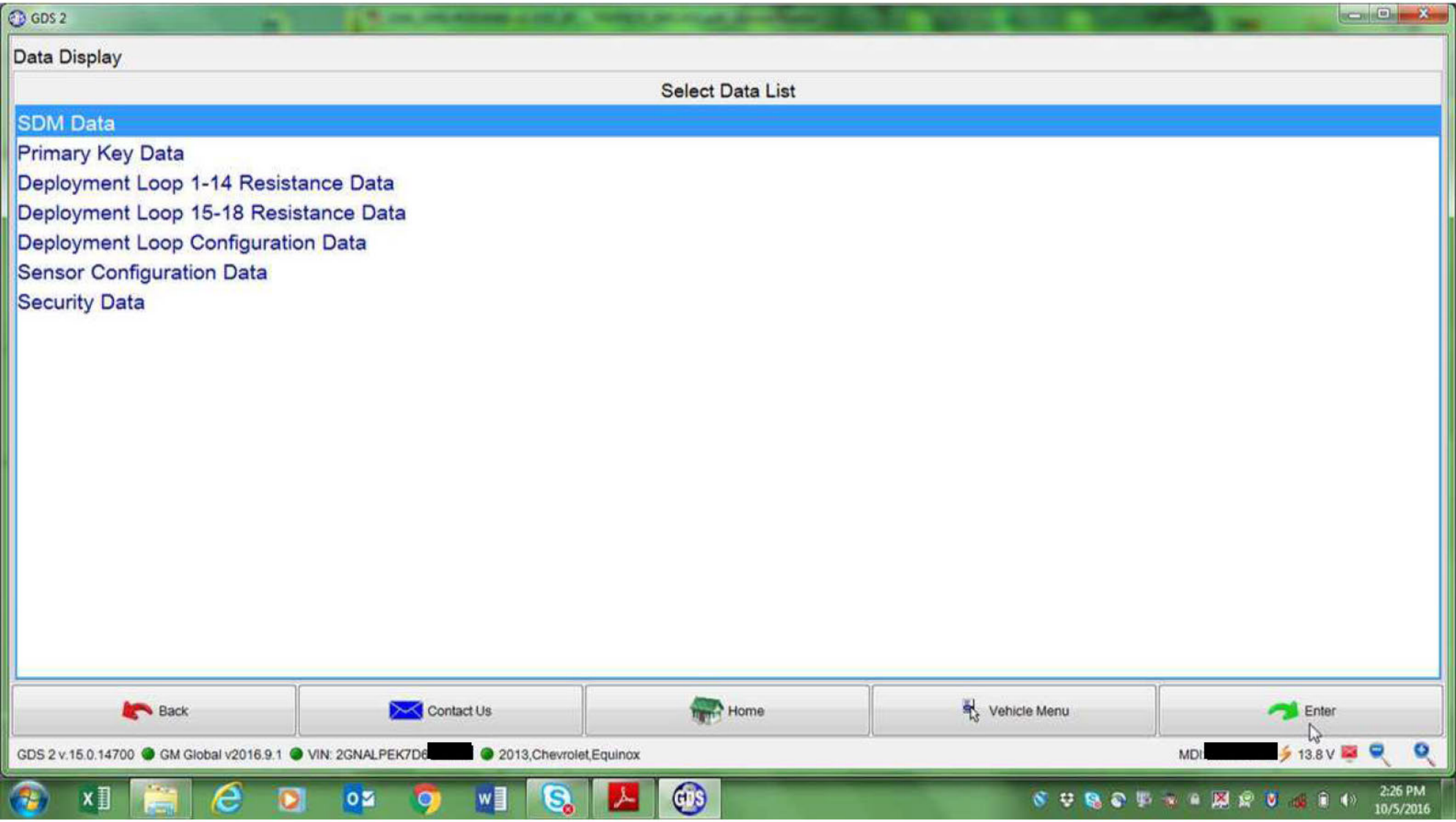
GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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GDS 2 v.15.0.14700
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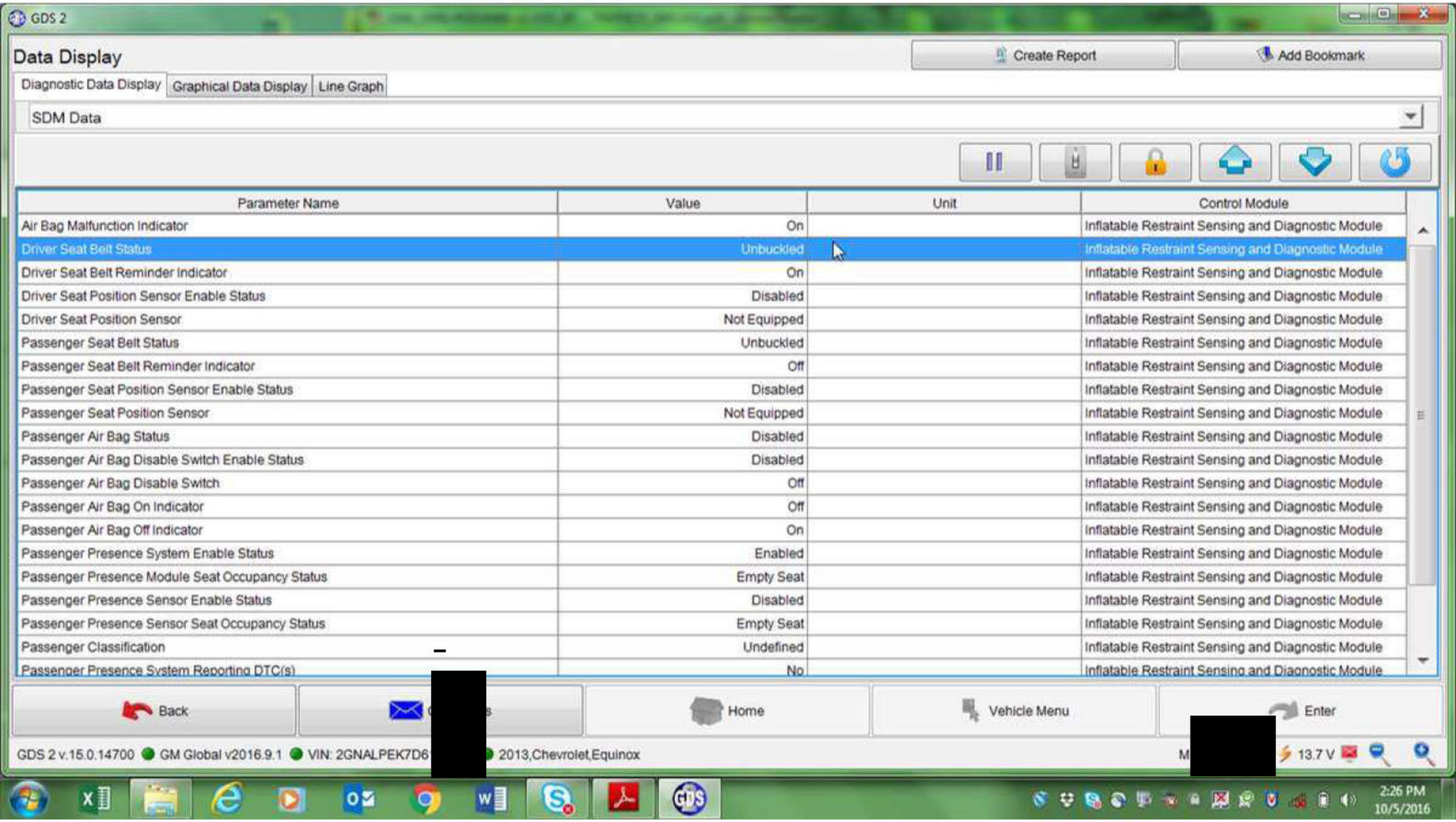
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
Unit
Control Module
Air Bag Malfunction Indicator
On
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Reminder Indicator
On
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator
On
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification
Undefined
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Reporting DTC(s)
No
Inflatable Restraint Sensing and Diagnostic Module
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GDS 2 v.15.0.14700
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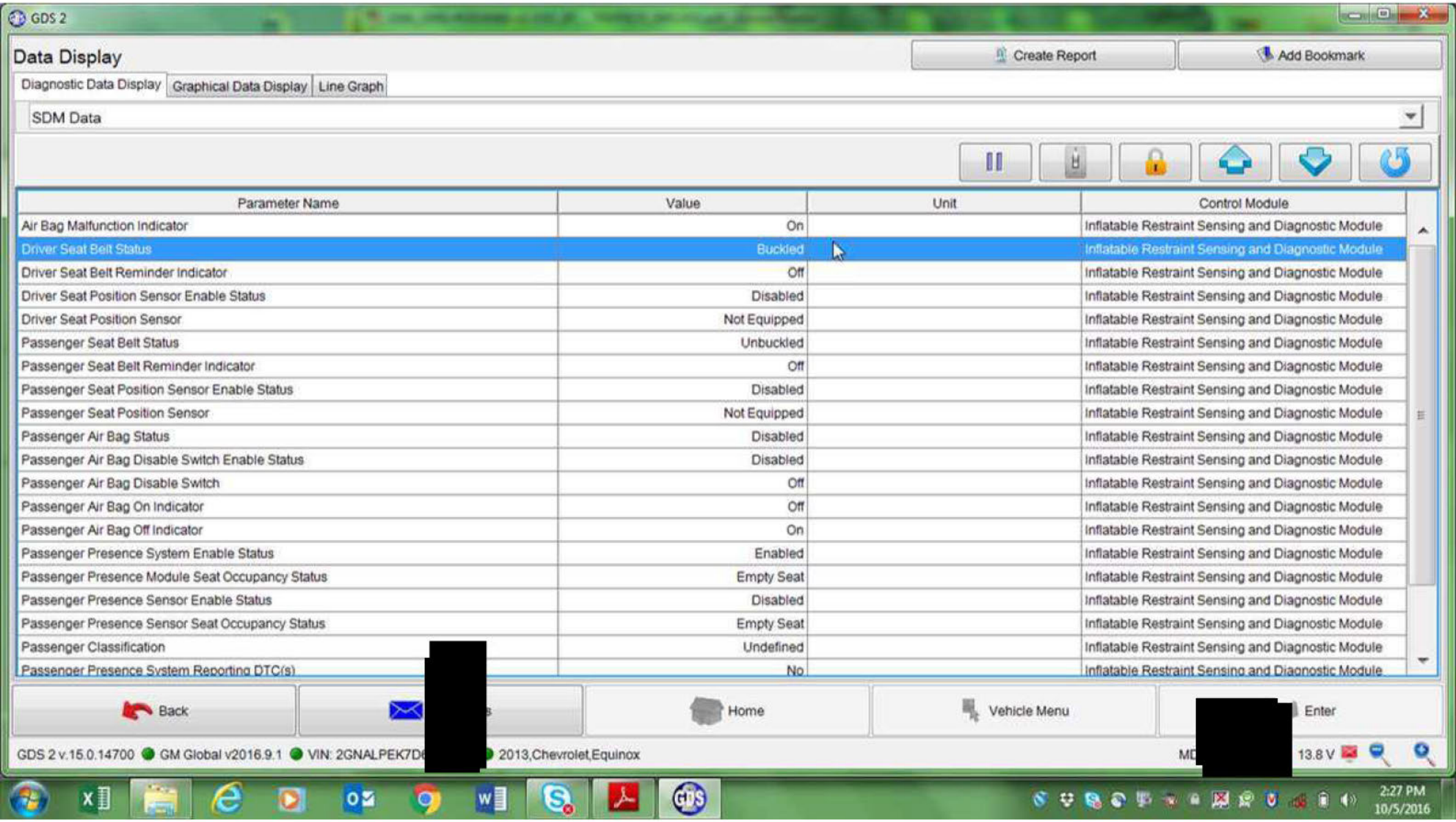
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
Unit
Control Module
Air Bag Malfunction Indicator
On
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Status
Buckled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator
On
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification
Undefined
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Reporting DTC(s)
No
Inflatable Restraint Sensing and Diagnostic Module
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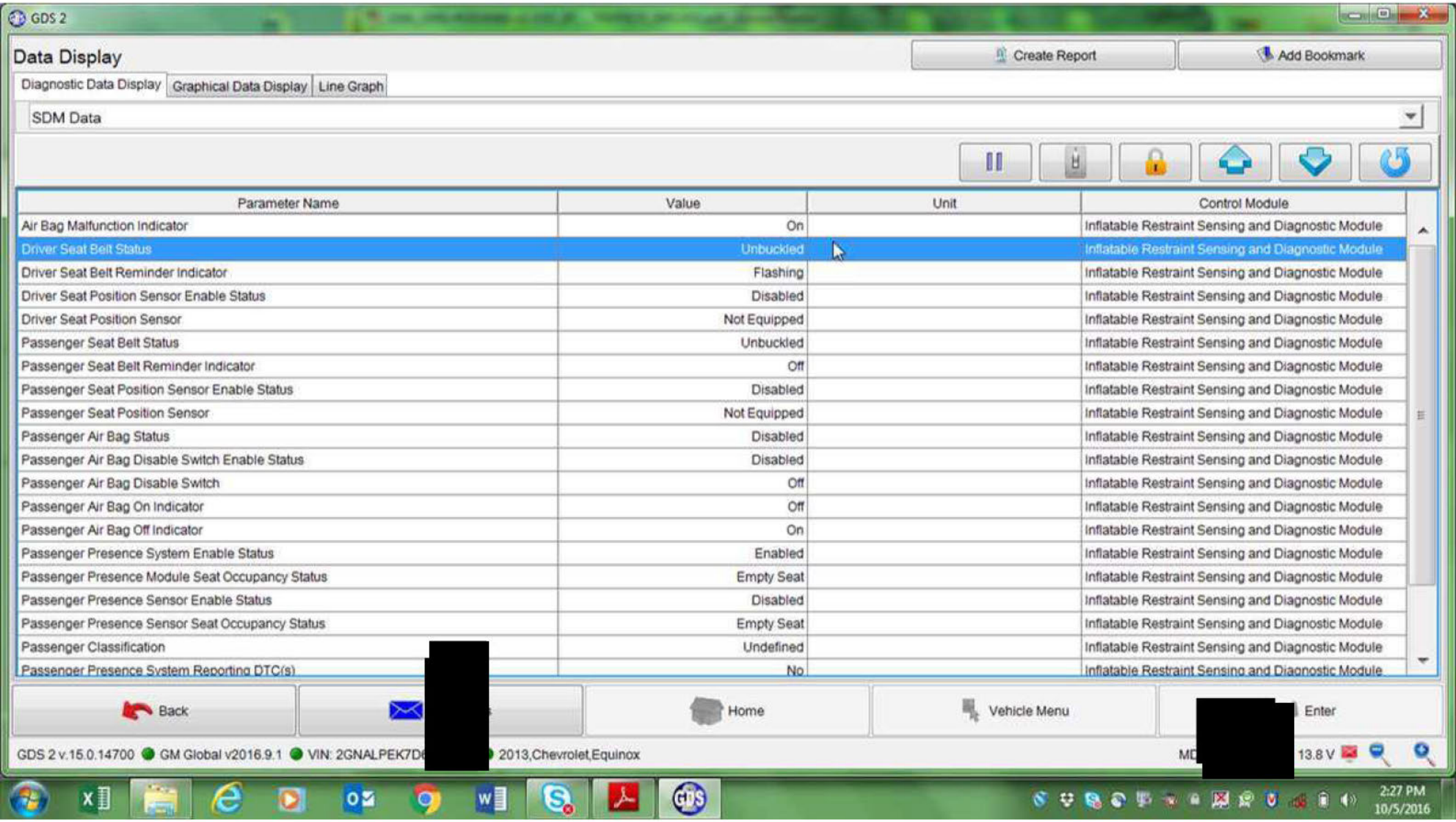
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
Unit
Control Module
Air Bag Malfunction Indicator
On
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Reminder Indicator
Flashing
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator
On
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification
Undefined
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Reporting DTC(s)
No
Inflatable Restraint Sensing and Diagnostic Module
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GM Global v2016.9.1
VIN: 2GNALPEK7D
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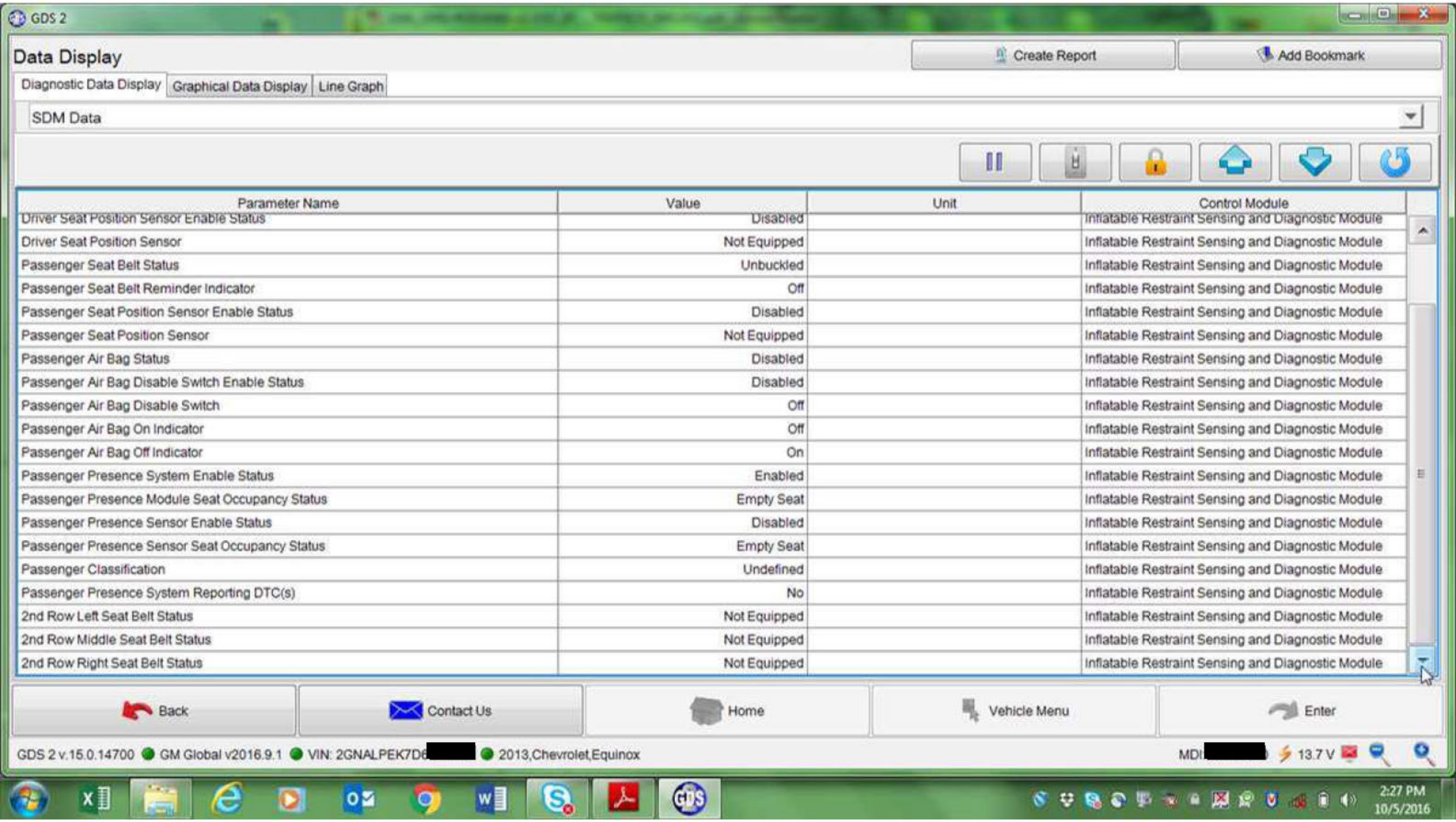
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
Unit
Control Module
Driver Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator
On
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification
Undefined
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Reporting DTC(s)
No
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Left Seat Belt Status
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Middle Seat Belt Status
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Right Seat Belt Status
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
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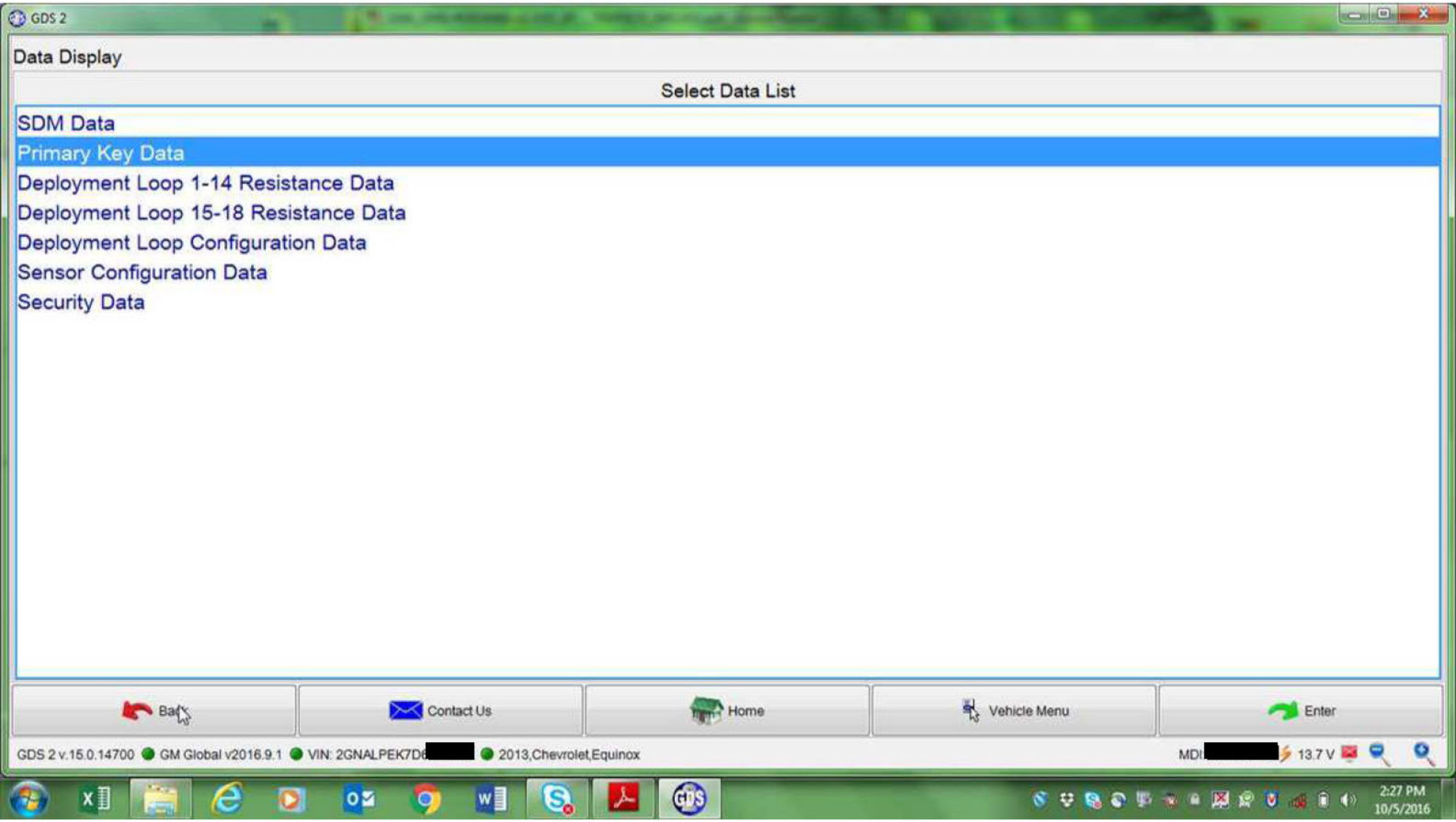
GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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GDS 2 v.15.0.14700
GM Global v2016.9.1
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2013,Chevrolet,Equinox
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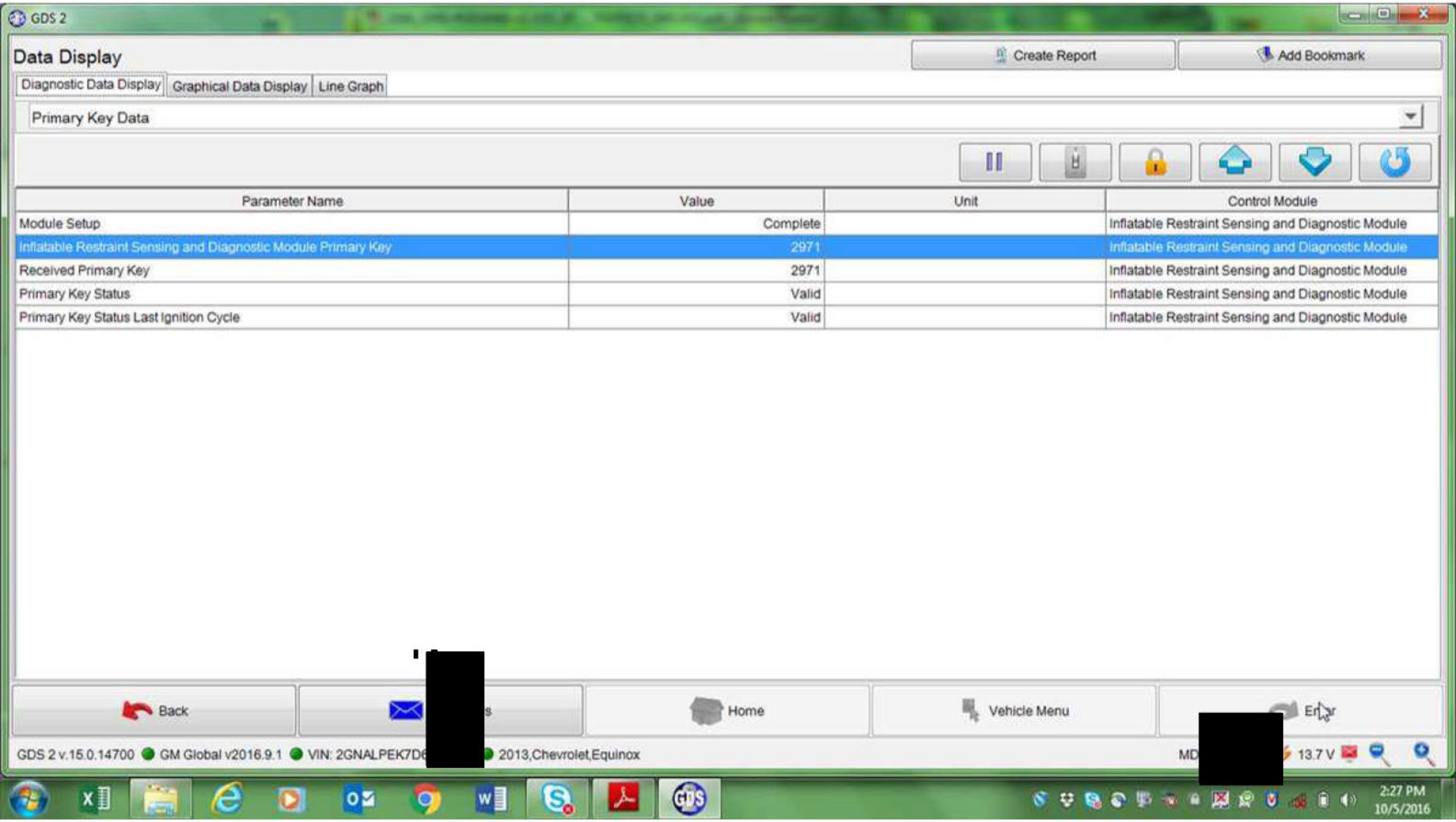
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Primary Key Data
Parameter Name
Value
Unit
Control Module
Module Setup
Complete
Inflatable Restraint Sensing and Diagnostic Module
Inflatable Restraint Sensing and Diagnostic Module Primary Key
2971
Inflatable Restraint Sensing and Diagnostic Module
Received Primary Key
2971
Inflatable Restraint Sensing and Diagnostic Module
Primary Key Status
Valid
Inflatable Restraint Sensing and Diagnostic Module
Primary Key Status Last Ignition Cycle
Valid
Inflatable Restraint Sensing and Diagnostic Module
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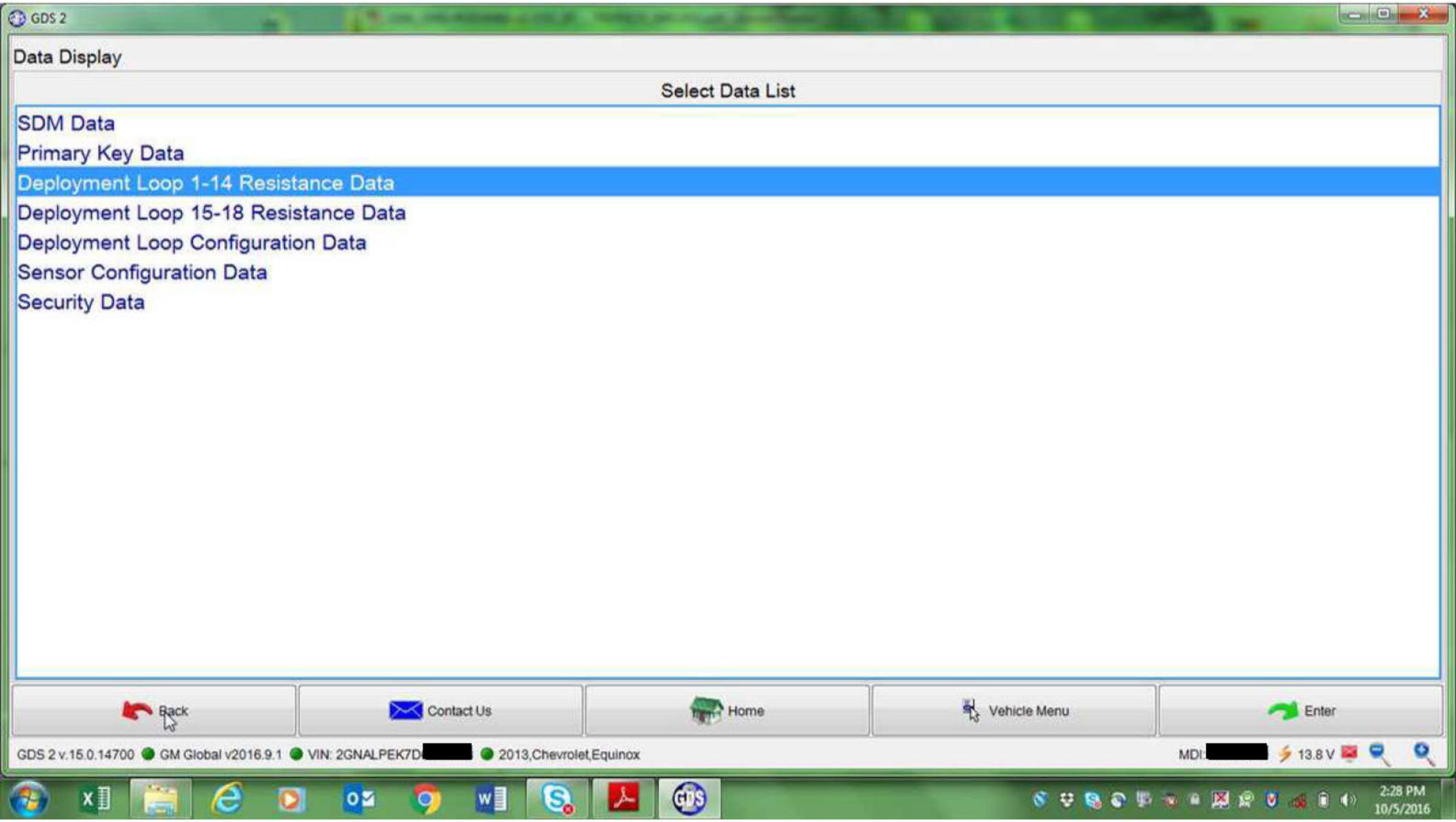
GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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GDS 2 v.15.0.14700
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MDI:
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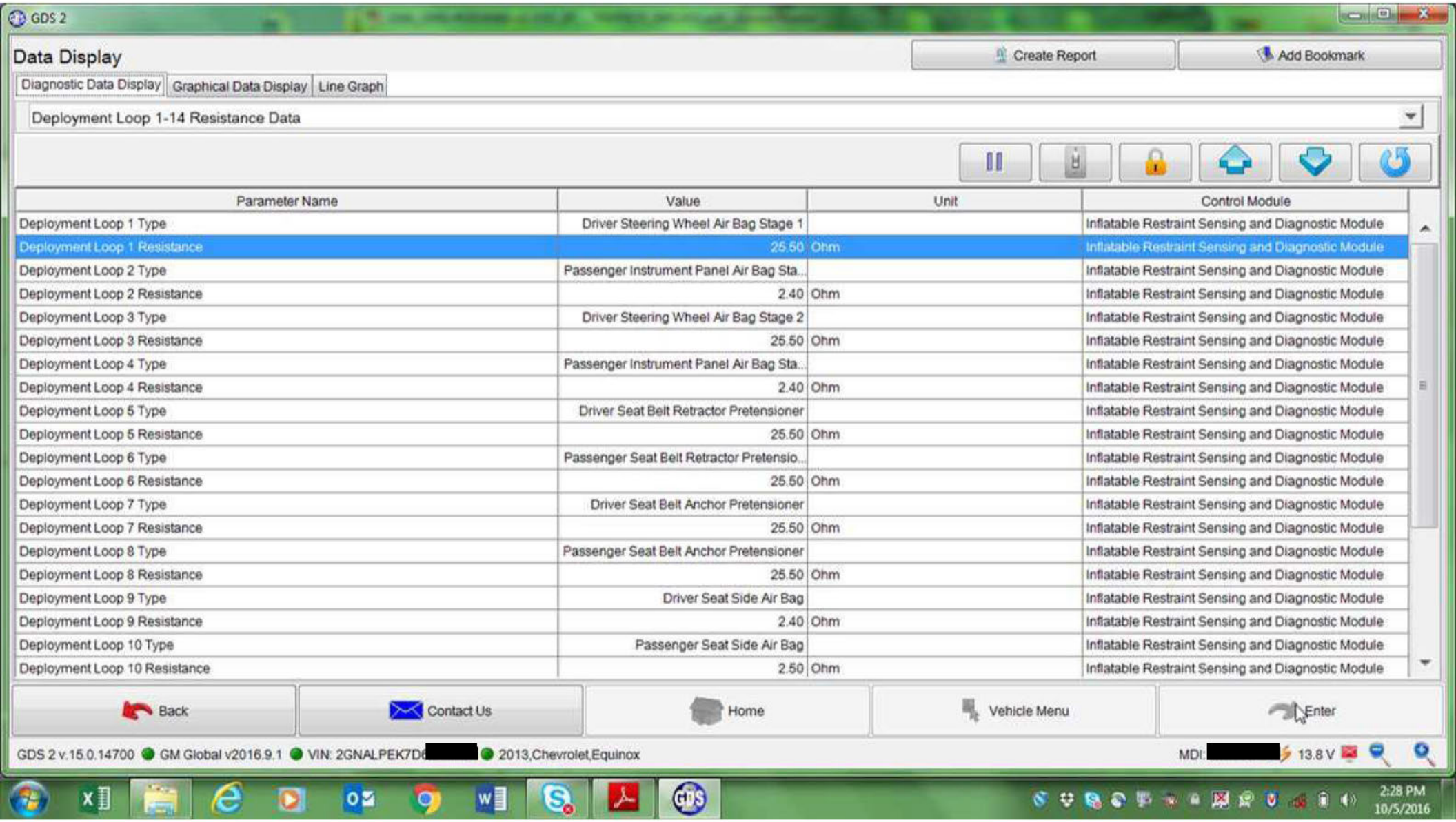
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop 1-14 Resistance Data
Parameter Name
Value
Unit
Control Module
Deployment Loop 1 Type
Driver Steering Wheel Air Bag Stage 1
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 1 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 2 Type
Passenger Instrument Panel Air Bag Sta...
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 2 Resistance
2.40
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 3 Type
Driver Steering Wheel Air Bag Stage 2
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 3 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 4 Type
Passenger Instrument Panel Air Bag Sta...
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 4 Resistance
2.40
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 5 Type
Driver Seat Belt Retractor Pretensioner
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 5 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 6 Type
Passenger Seat Belt Retractor Pretensio...
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 6 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 7 Type
Driver Seat Belt Anchor Pretensioner
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 7 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 8 Type
Passenger Seat Belt Anchor Pretensioner
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 8 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 9 Type
Driver Seat Side Air Bag
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 9 Resistance
2.40
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 10 Type
Passenger Seat Side Air Bag
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 10 Resistance
2.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
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2013,Chevrolet,Equinox
MDI:[redacted]
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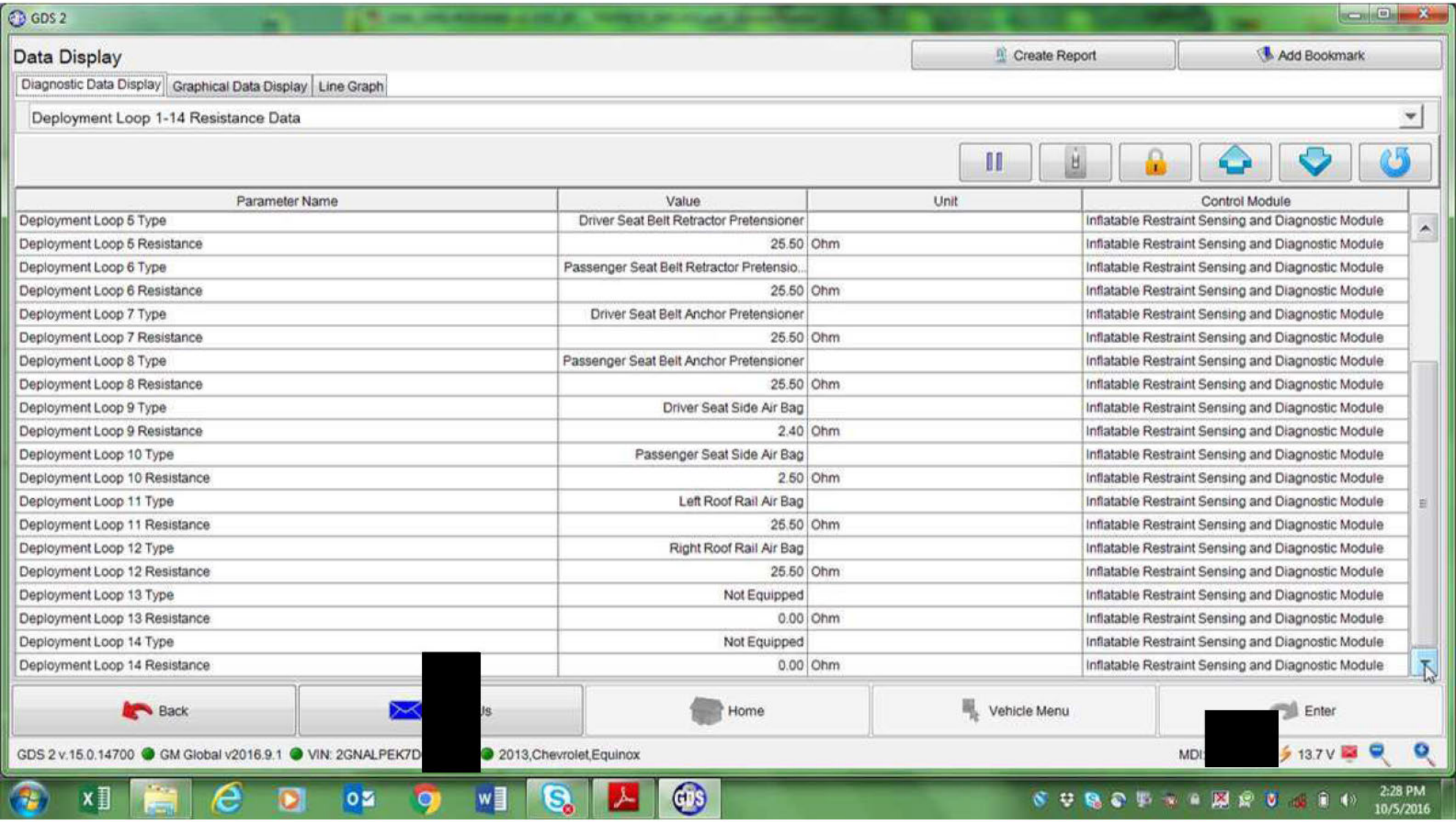
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop 1-14 Resistance Data
Parameter Name
Value
Unit
Control Module
Deployment Loop 5 Type
Driver Seat Belt Retractor Pretensioner
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 5 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 6 Type
Passenger Seat Belt Retractor Pretensio...
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 6 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 7 Type
Driver Seat Belt Anchor Pretensioner
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 7 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 8 Type
Passenger Seat Belt Anchor Pretensioner
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 8 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 9 Type
Driver Seat Side Air Bag
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 9 Resistance
2.40
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 10 Type
Passenger Seat Side Air Bag
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 10 Resistance
2.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 11 Type
Left Roof Rail Air Bag
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 11 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 12 Type
Right Roof Rail Air Bag
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 12 Resistance
25.50
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
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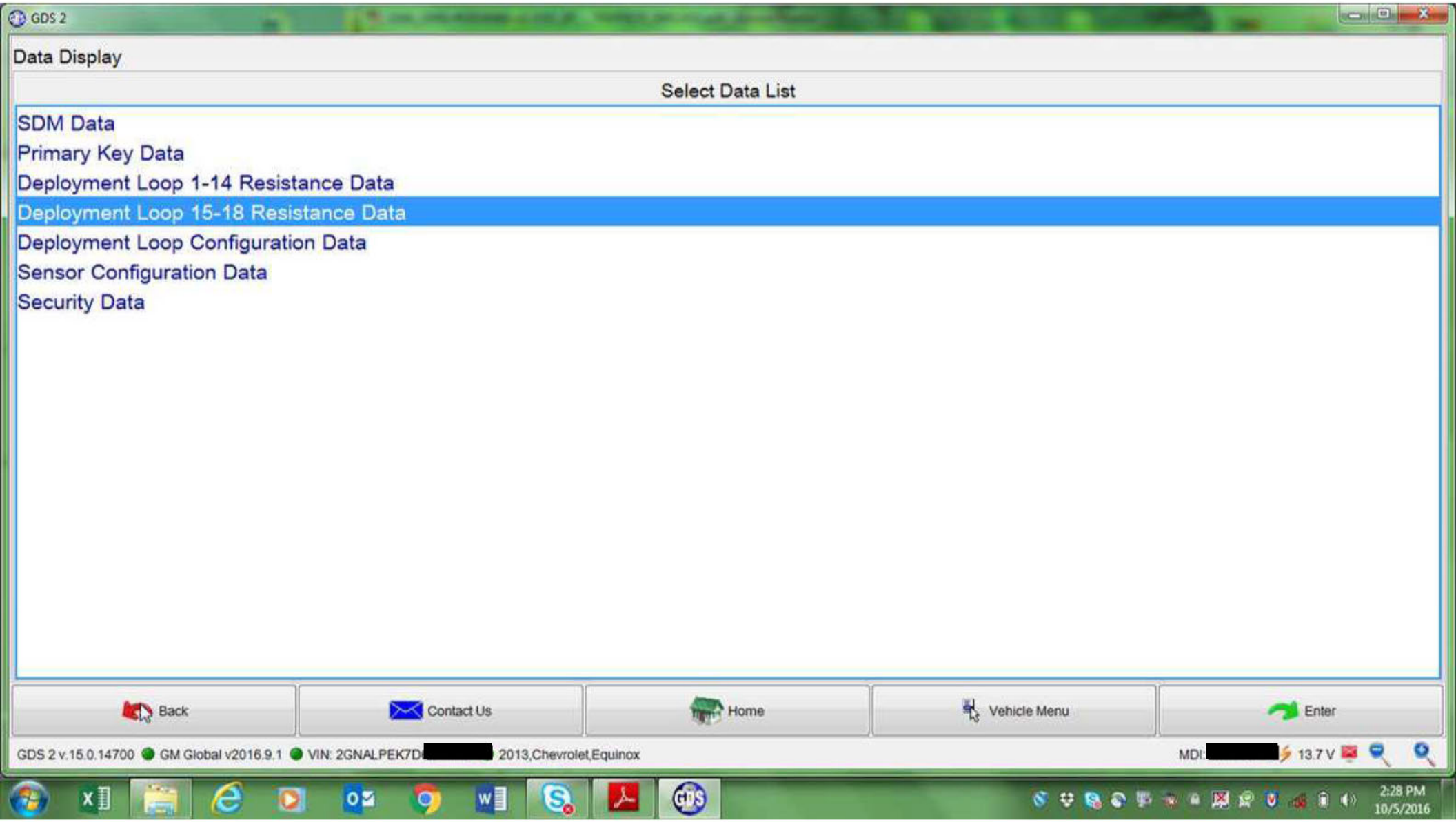
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Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
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Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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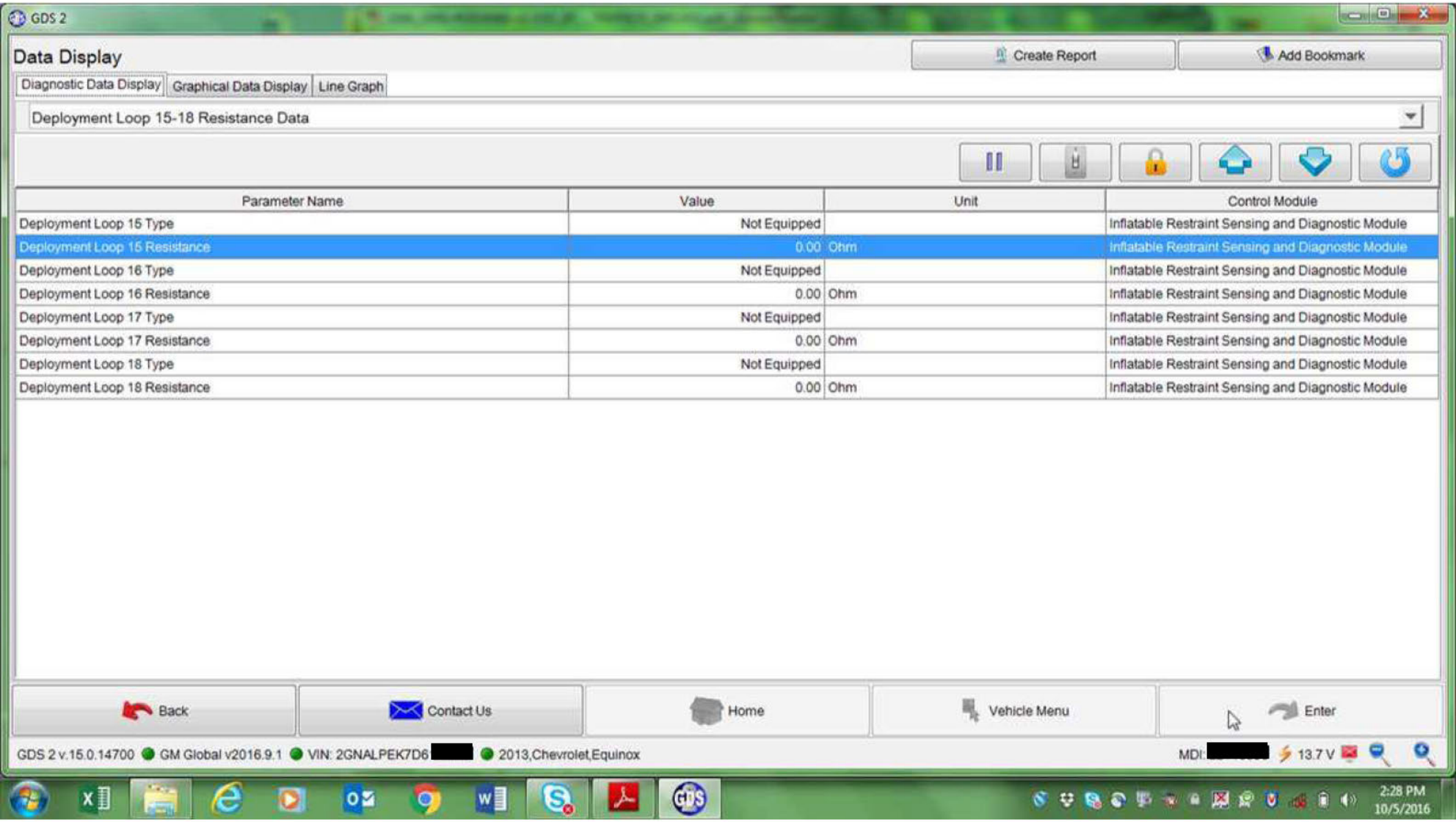
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop 15-18 Resistance Data
Parameter Name
Value
Unit
Control Module
Deployment Loop 15 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 15 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 16 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 16 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 17 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 17 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 18 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 18 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
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MDI:
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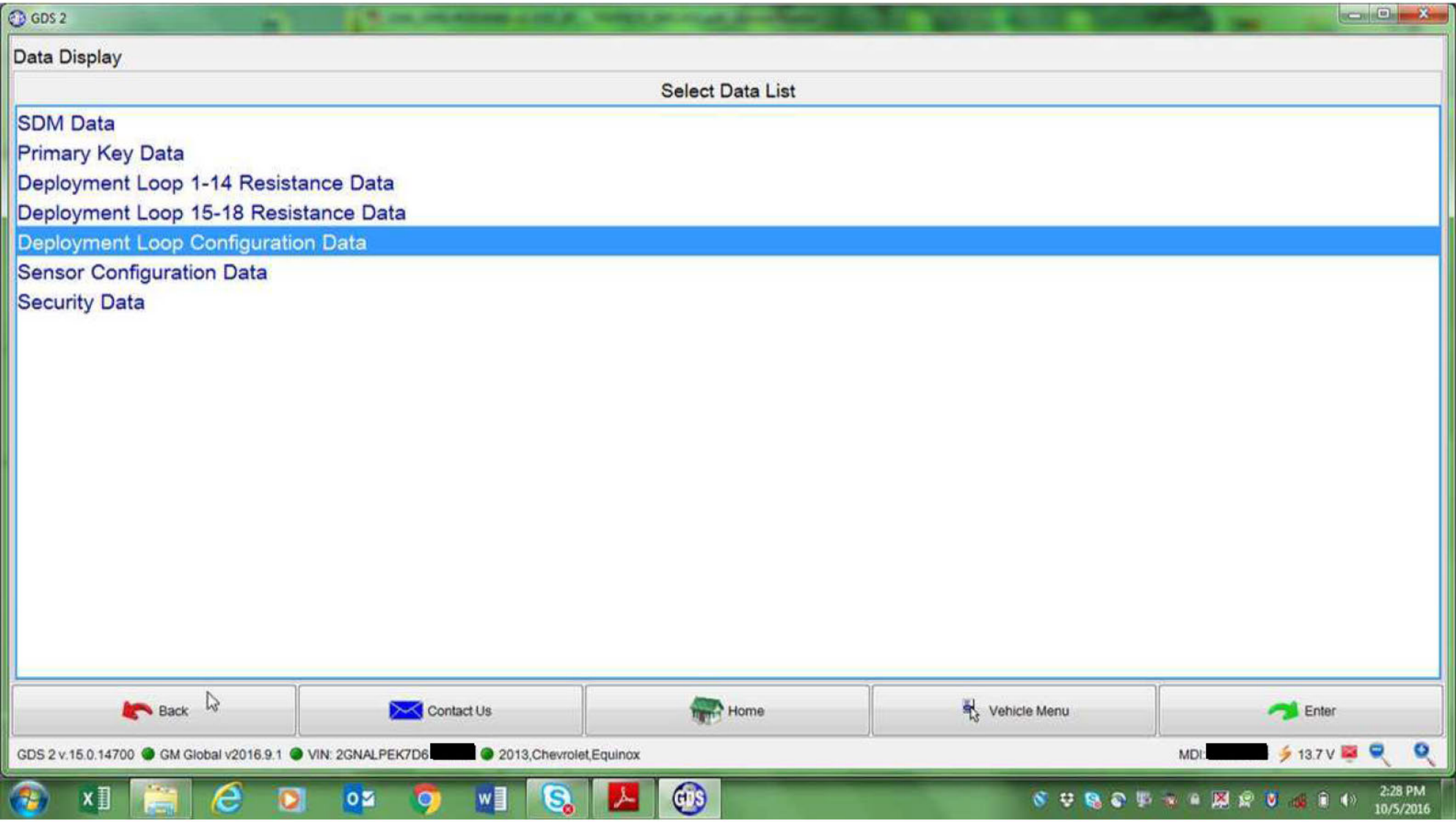
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Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
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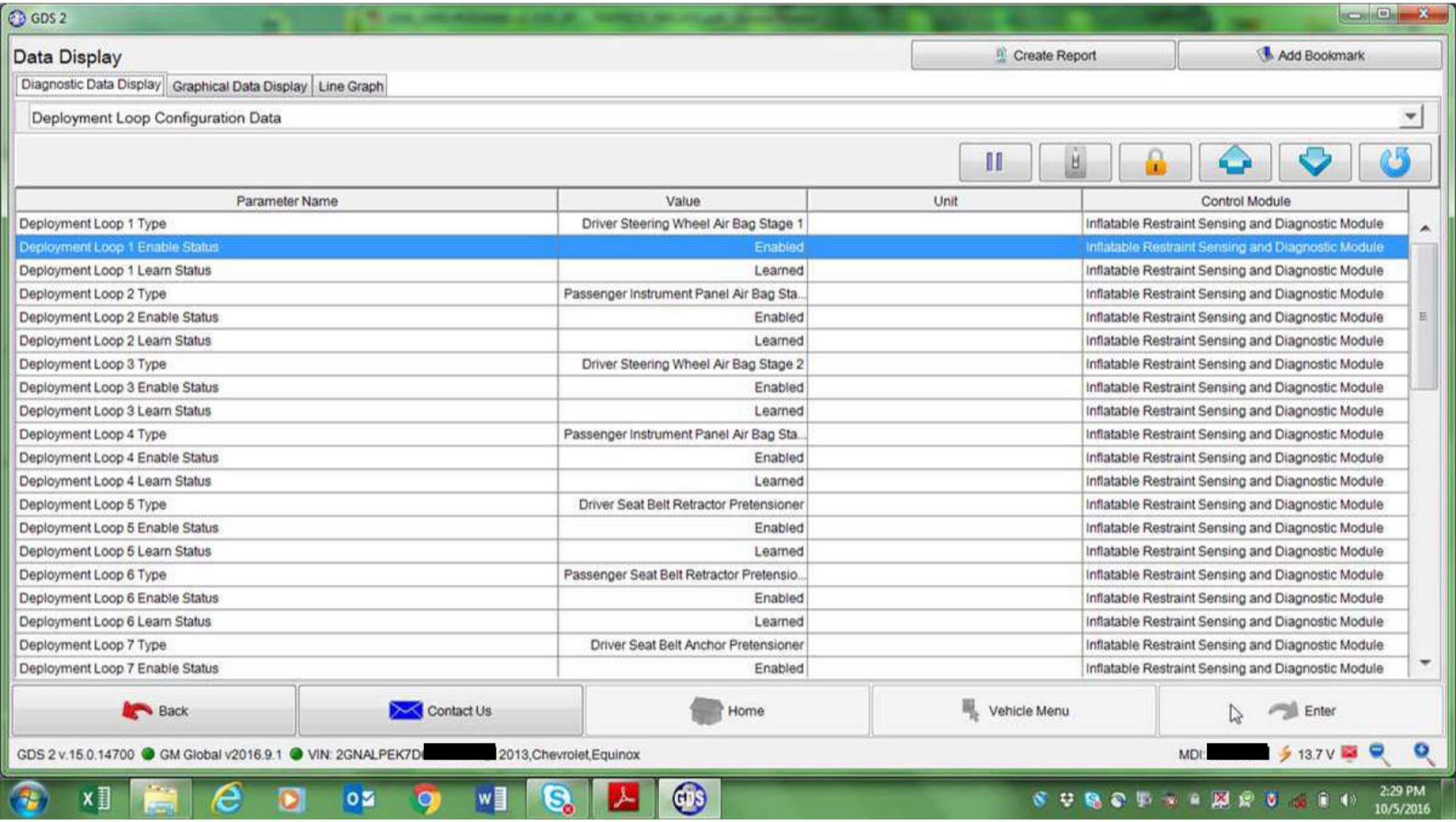
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop Configuration Data
Parameter Name
Value
Unit
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Driver Steering Wheel Air Bag Stage 1
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 1 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 1 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 2 Type
Passenger Instrument Panel Air Bag Sta...
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 2 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 2 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 3 Type
Driver Steering Wheel Air Bag Stage 2
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 3 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 3 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 4 Type
Passenger Instrument Panel Air Bag Sta...
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 4 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 4 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 5 Type
Driver Seat Belt Retractor Pretensioner
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 5 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 5 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 6 Type
Passenger Seat Belt Retractor Pretensio...
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 6 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 6 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
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Driver Seat Belt Anchor Pretensioner
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Deployment Loop 7 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
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GDS 2 v.15.0.14700
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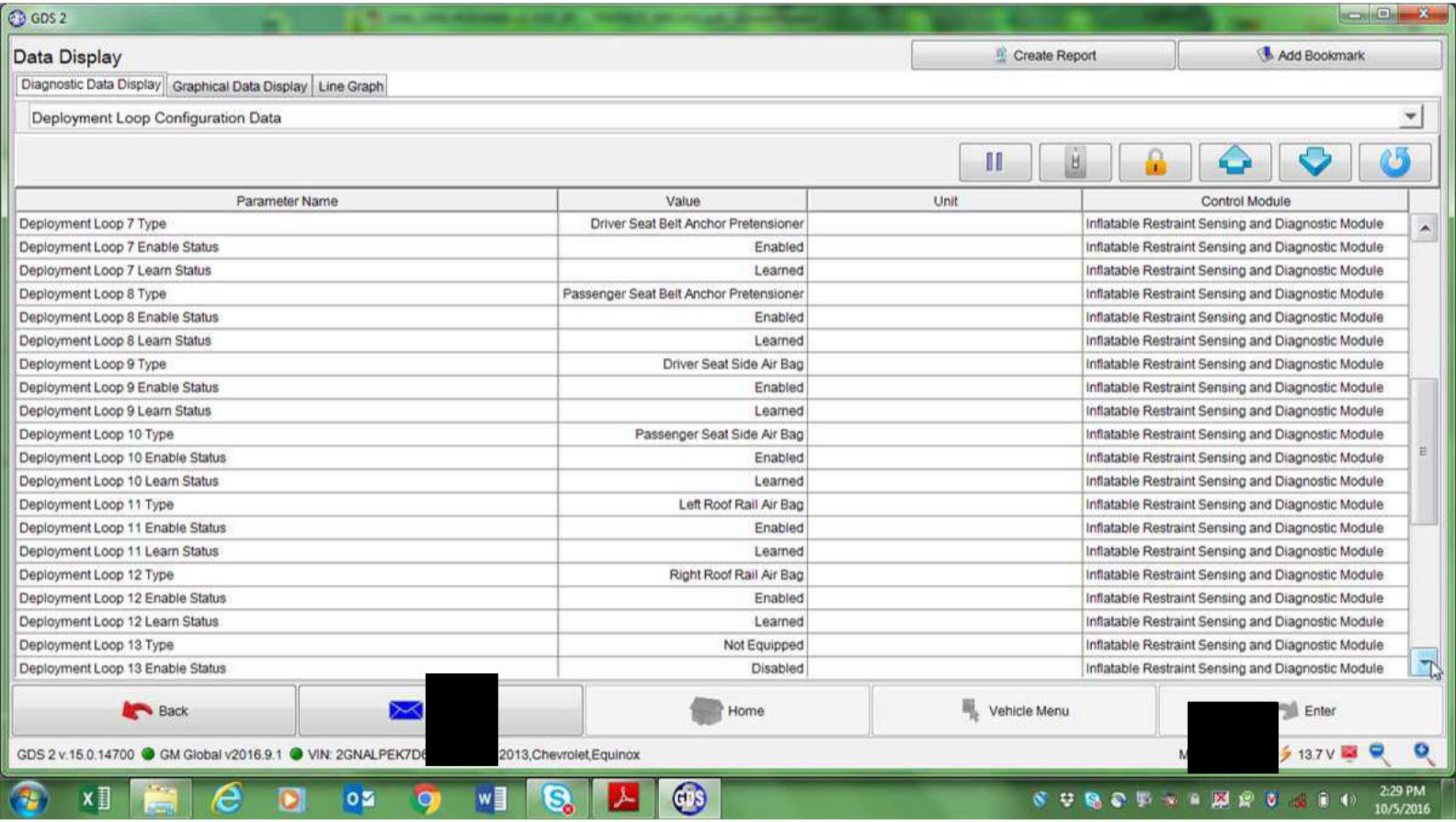
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Data Display
Create Report
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Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop Configuration Data
Parameter Name
Value
Unit
Control Module
Deployment Loop 7 Type
Driver Seat Belt Anchor Pretensioner
Deployment Loop 7 Enable Status
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Deployment Loop 7 Learn Status
Learned
Deployment Loop 8 Type
Passenger Seat Belt Anchor Pretensioner
Deployment Loop 8 Enable Status
Enabled
Deployment Loop 8 Learn Status
Learned
Deployment Loop 9 Type
Driver Seat Side Air Bag
Deployment Loop 9 Enable Status
Enabled
Deployment Loop 9 Learn Status
Learned
Deployment Loop 10 Type
Passenger Seat Side Air Bag
Deployment Loop 10 Enable Status
Enabled
Deployment Loop 10 Learn Status
Learned
Deployment Loop 11 Type
Left Roof Rail Air Bag
Deployment Loop 11 Enable Status
Enabled
Deployment Loop 11 Learn Status
Learned
Deployment Loop 12 Type
Right Roof Rail Air Bag
Deployment Loop 12 Enable Status
Enabled
Deployment Loop 12 Learn Status
Learned
Deployment Loop 13 Type
Not Equipped
Deployment Loop 13 Enable Status
Disabled
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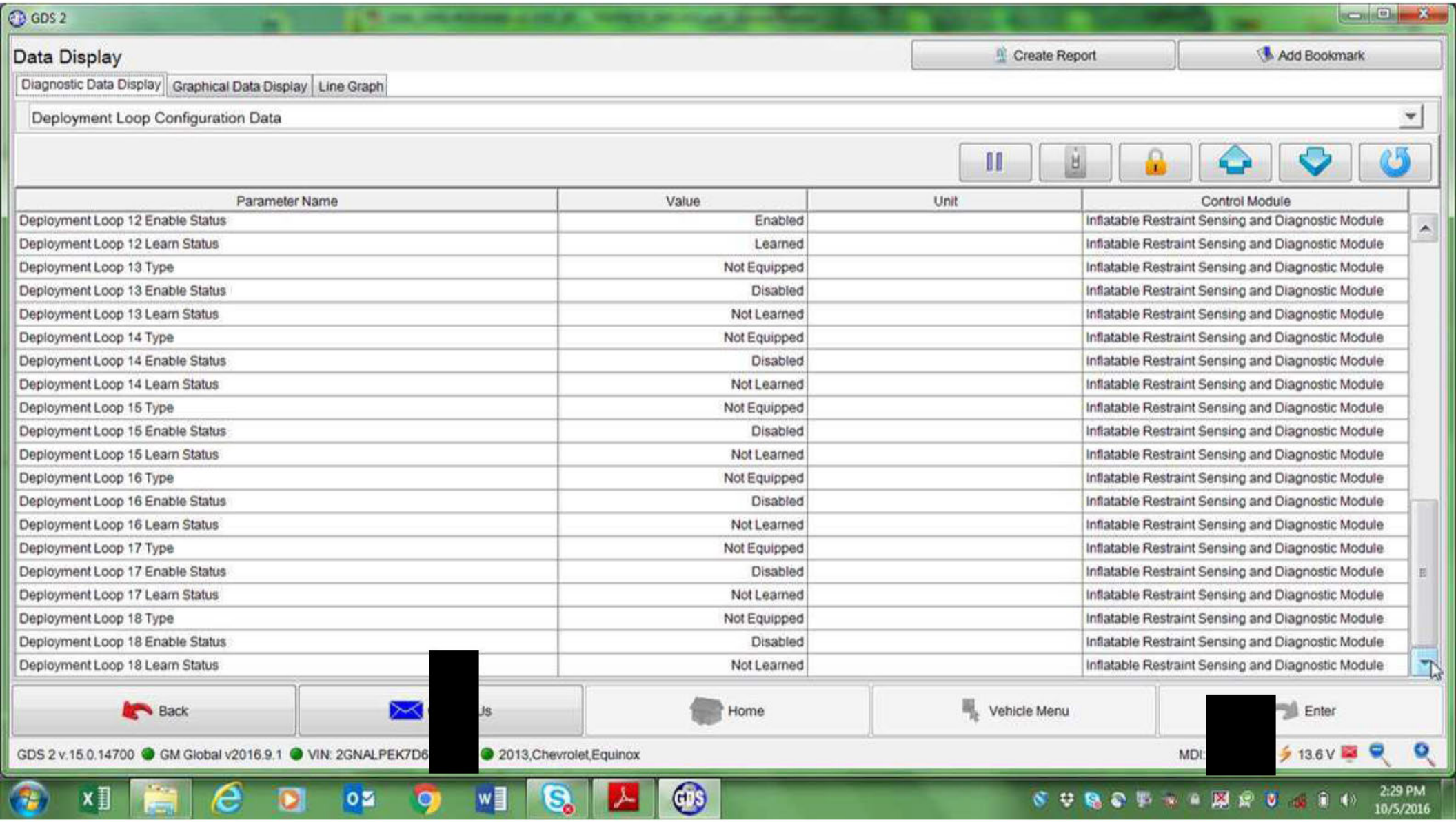
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop Configuration Data
Parameter Name
Value
Unit
Control Module
Deployment Loop 12 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 12 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 15 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 15 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 15 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 16 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 16 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 16 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 17 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 17 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 17 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 18 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 18 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 18 Learn Status
Not Learned
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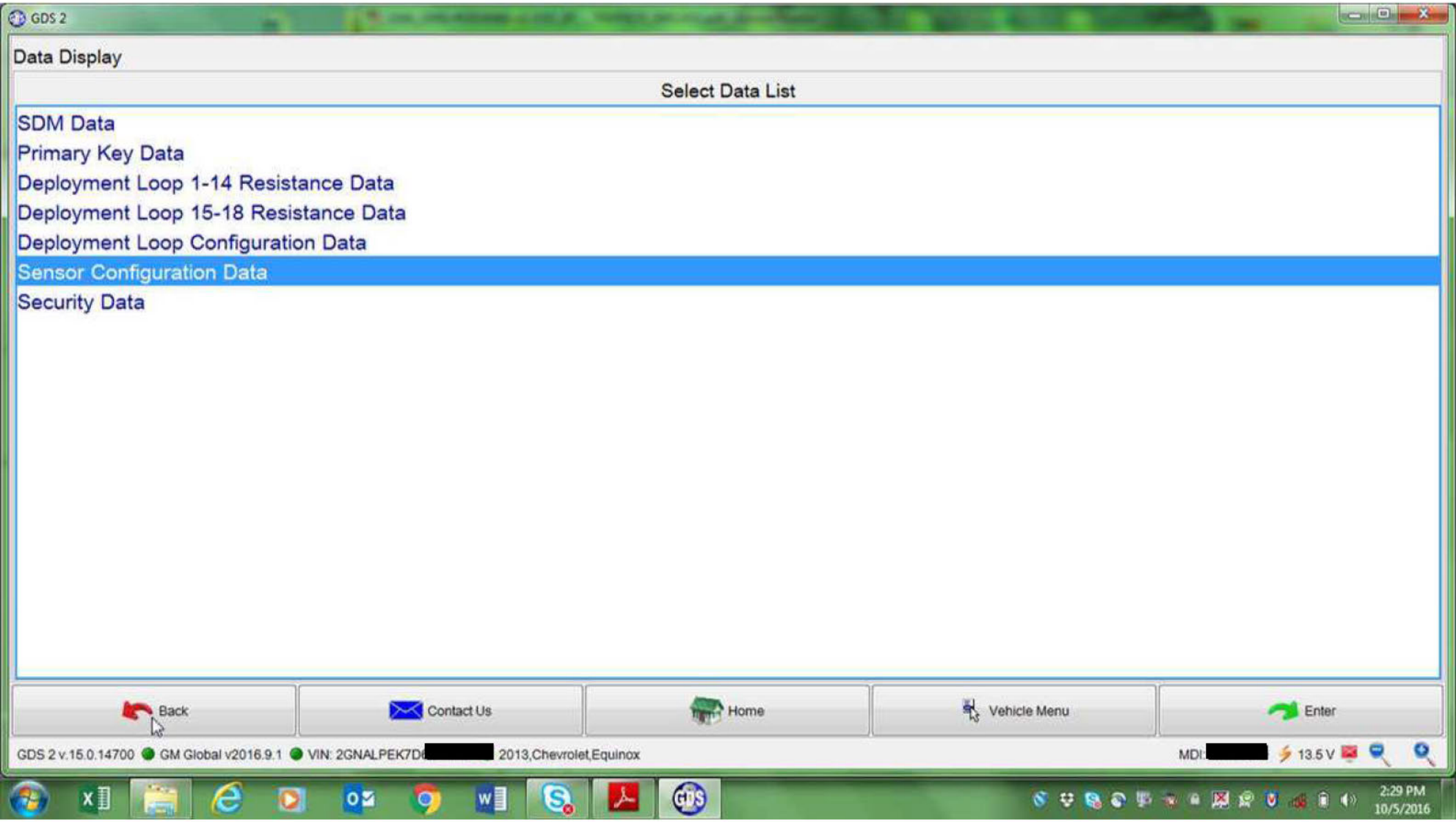
GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
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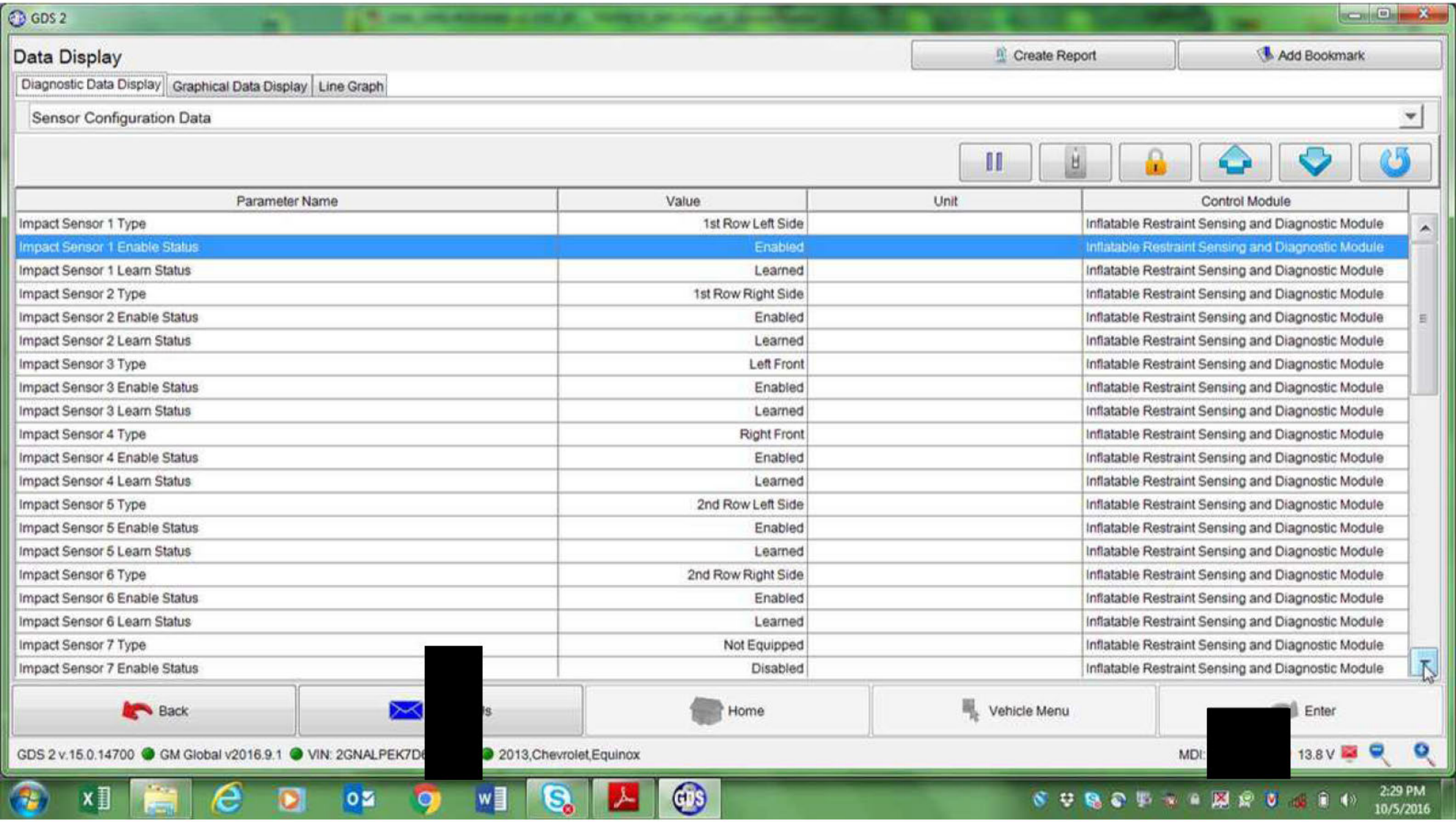
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Sensor Configuration Data
Parameter Name
Value
Unit
Control Module
Impact Sensor 1 Type
1st Row Left Side
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 1 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 1 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 2 Type
1st Row Right Side
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 2 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 2 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 3 Type
Left Front
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 3 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 3 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 4 Type
Right Front
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 4 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 4 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 5 Type
2nd Row Left Side
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 5 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 5 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 6 Type
2nd Row Right Side
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 6 Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 6 Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 7 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 7 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
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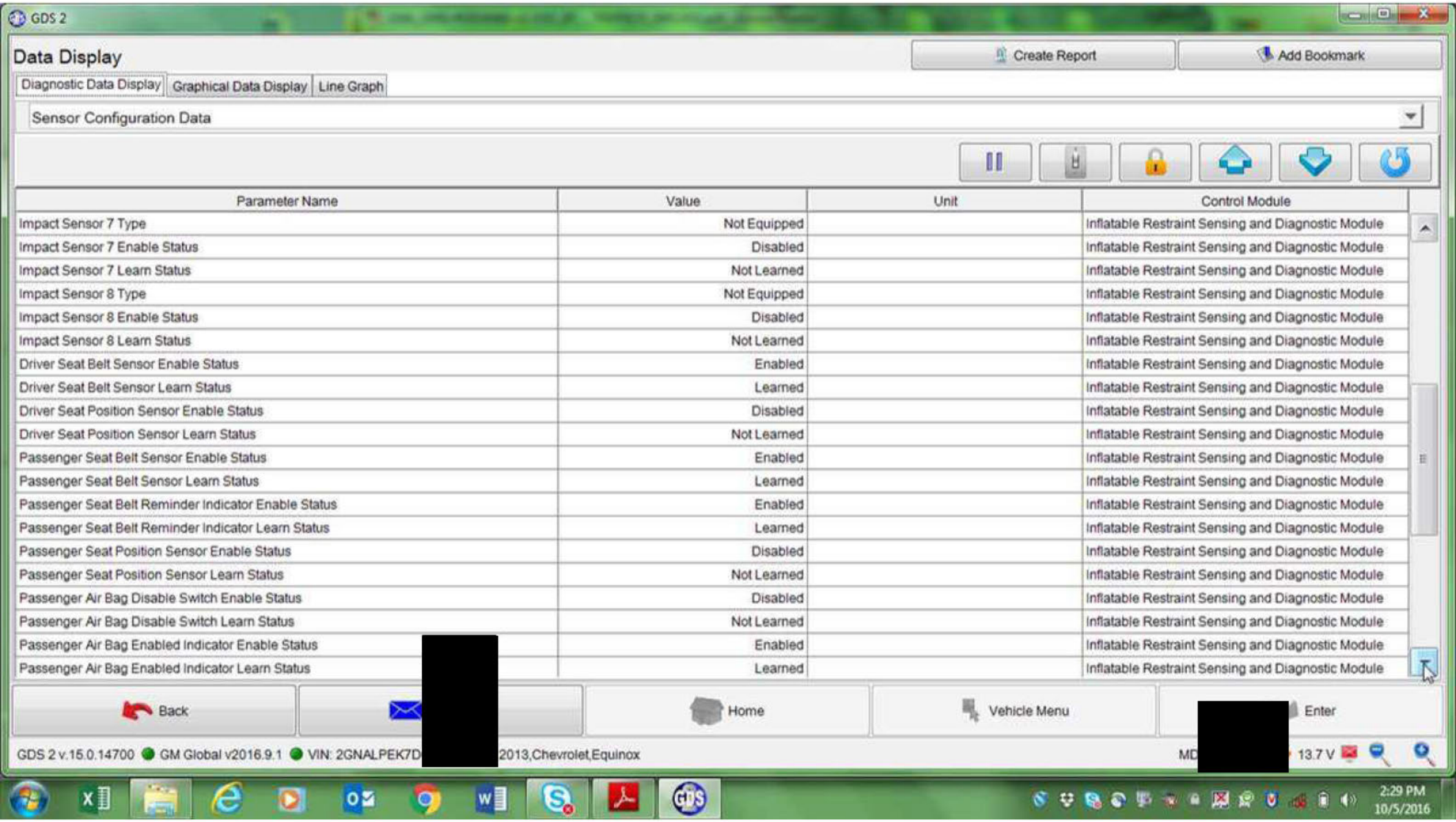
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Sensor Configuration Data
Parameter Name
Value
Unit
Control Module
Impact Sensor 7 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 7 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 7 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 8 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 8 Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Impact Sensor 8 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Sensor Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Sensor Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Sensor Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Sensor Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Enabled Indicator Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Enabled Indicator Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
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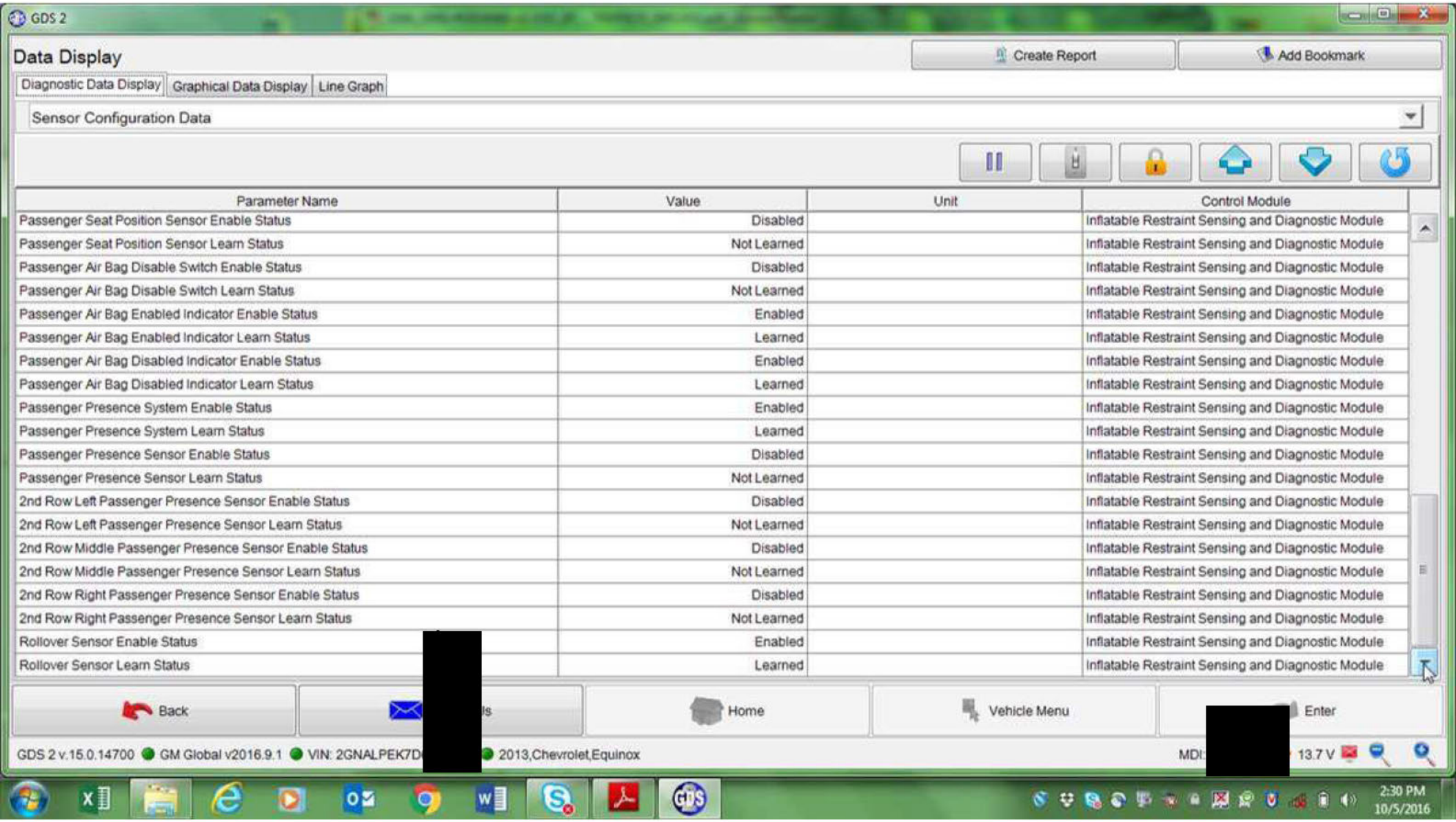
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Sensor Configuration Data
Parameter Name
Value
Unit
Control Module
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Enabled Indicator Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Enabled Indicator Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disabled Indicator Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disabled Indicator Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Left Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Left Passenger Presence Sensor Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Middle Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Middle Passenger Presence Sensor Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Right Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagnostic Module
2nd Row Right Passenger Presence Sensor Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Rollover Sensor Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Rollover Sensor Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
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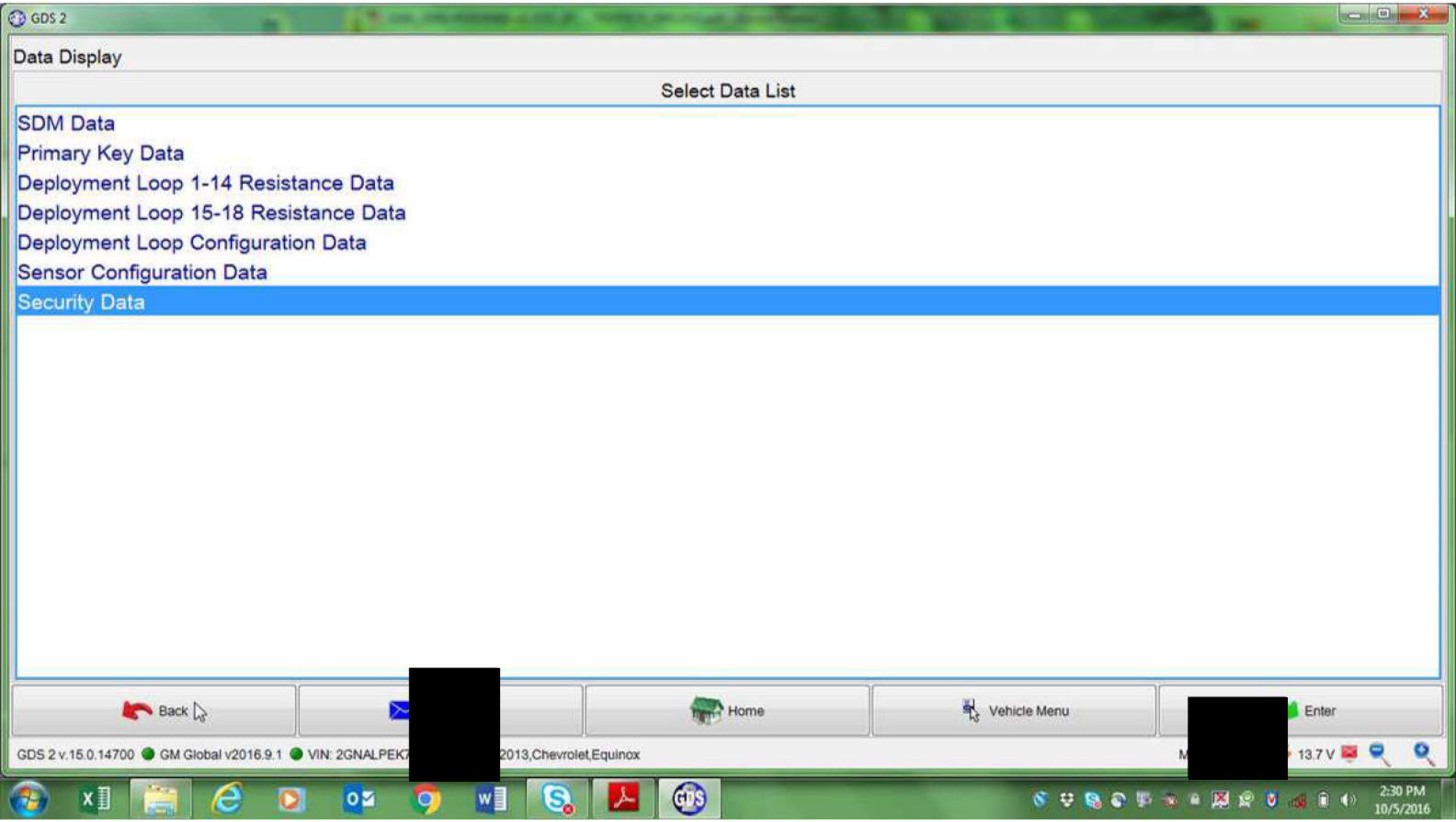
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SDM Data
Primary Key Data
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Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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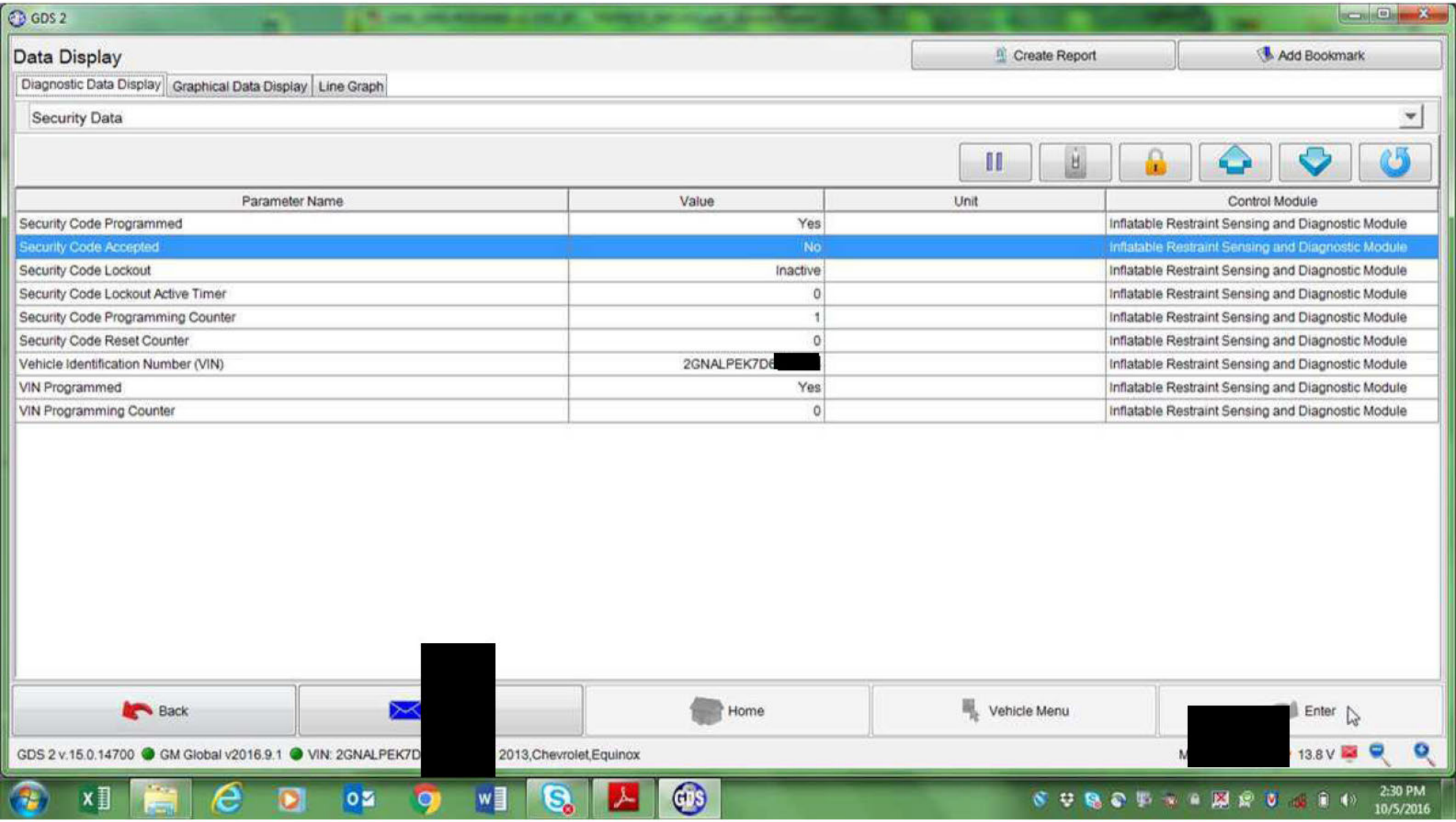
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Security Data
Parameter Name
Value
Unit
Control Module
Security Code Programmed
Yes
Inflatable Restraint Sensing and Diagnostic Module
Security Code Accepted
No
Inflatable Restraint Sensing and Diagnostic Module
Security Code Lockout
Inactive
Inflatable Restraint Sensing and Diagnostic Module
Security Code Lockout Active Timer
0
Inflatable Restraint Sensing and Diagnostic Module
Security Code Programming Counter
1
Inflatable Restraint Sensing and Diagnostic Module
Security Code Reset Counter
0
Inflatable Restraint Sensing and Diagnostic Module
Vehicle Identification Number (VIN)
2GNALPEK7D
Inflatable Restraint Sensing and Diagnostic Module
VIN Programmed
Yes
Inflatable Restraint Sensing and Diagnostic Module
VIN Programming Counter
0
Inflatable Restraint Sensing and Diagnostic Module
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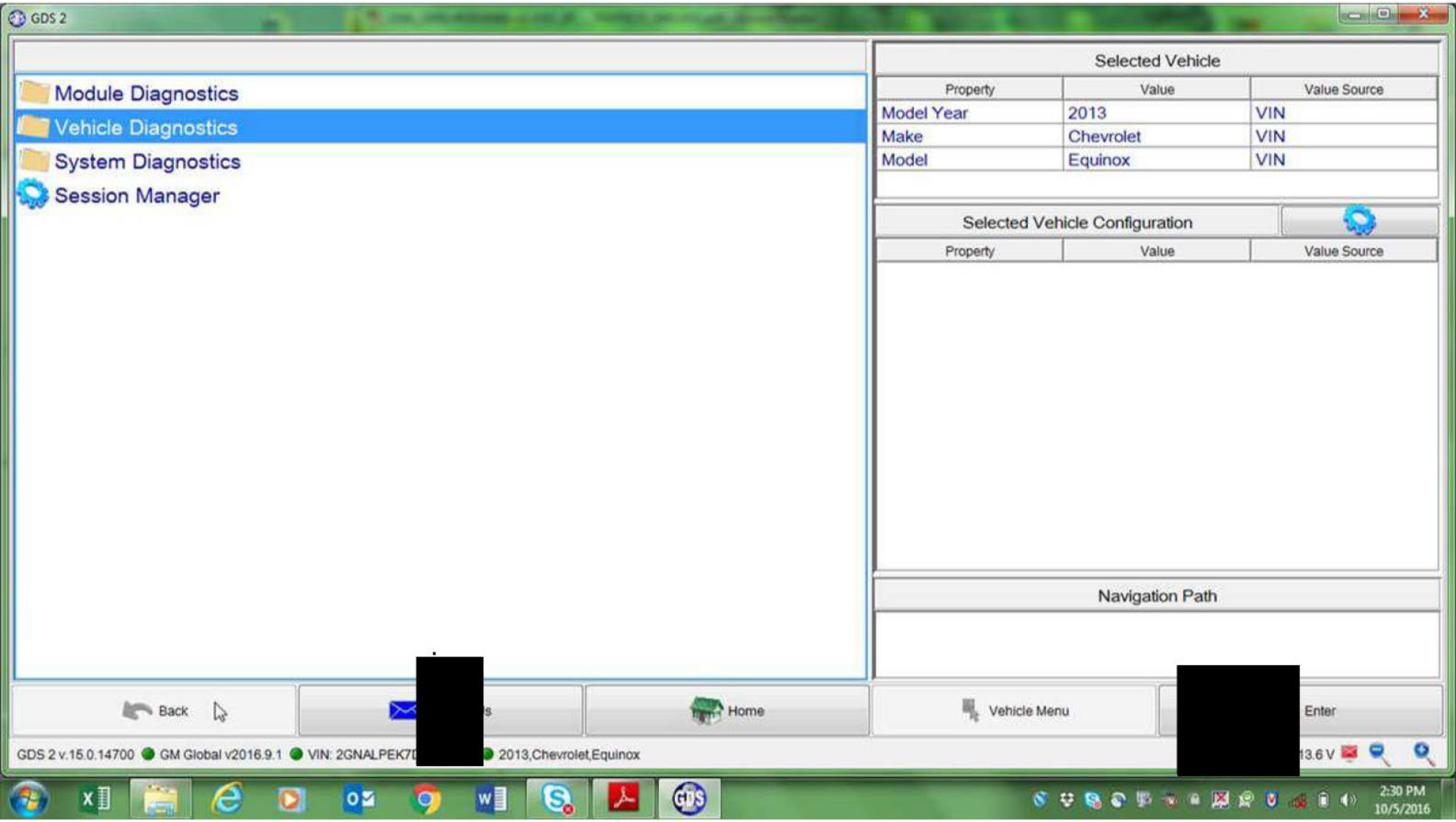
GDS 2
Module Diagnostics
Vehicle Diagnostics
System Diagnostics
Session Manager
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
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Value Source
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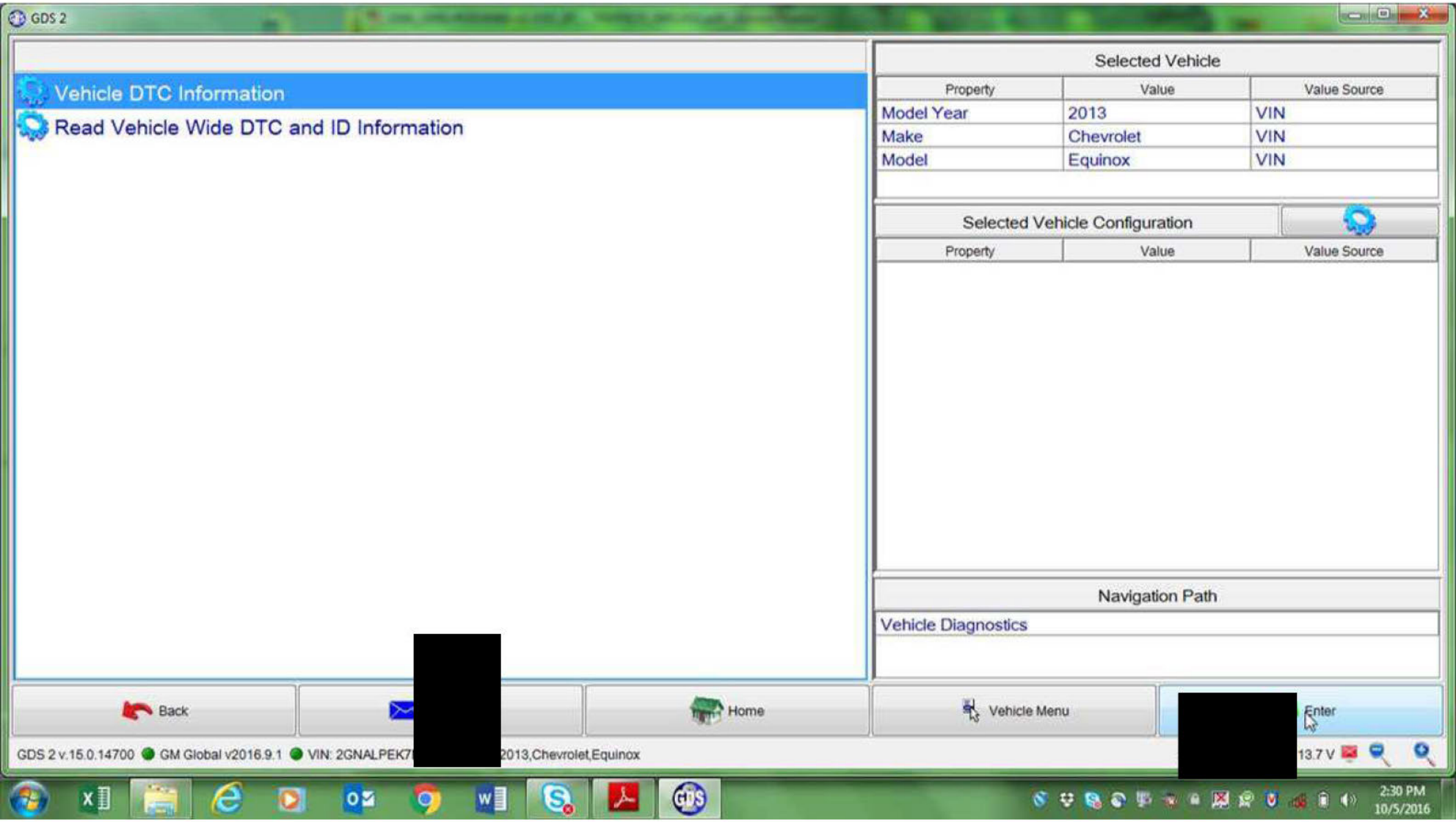
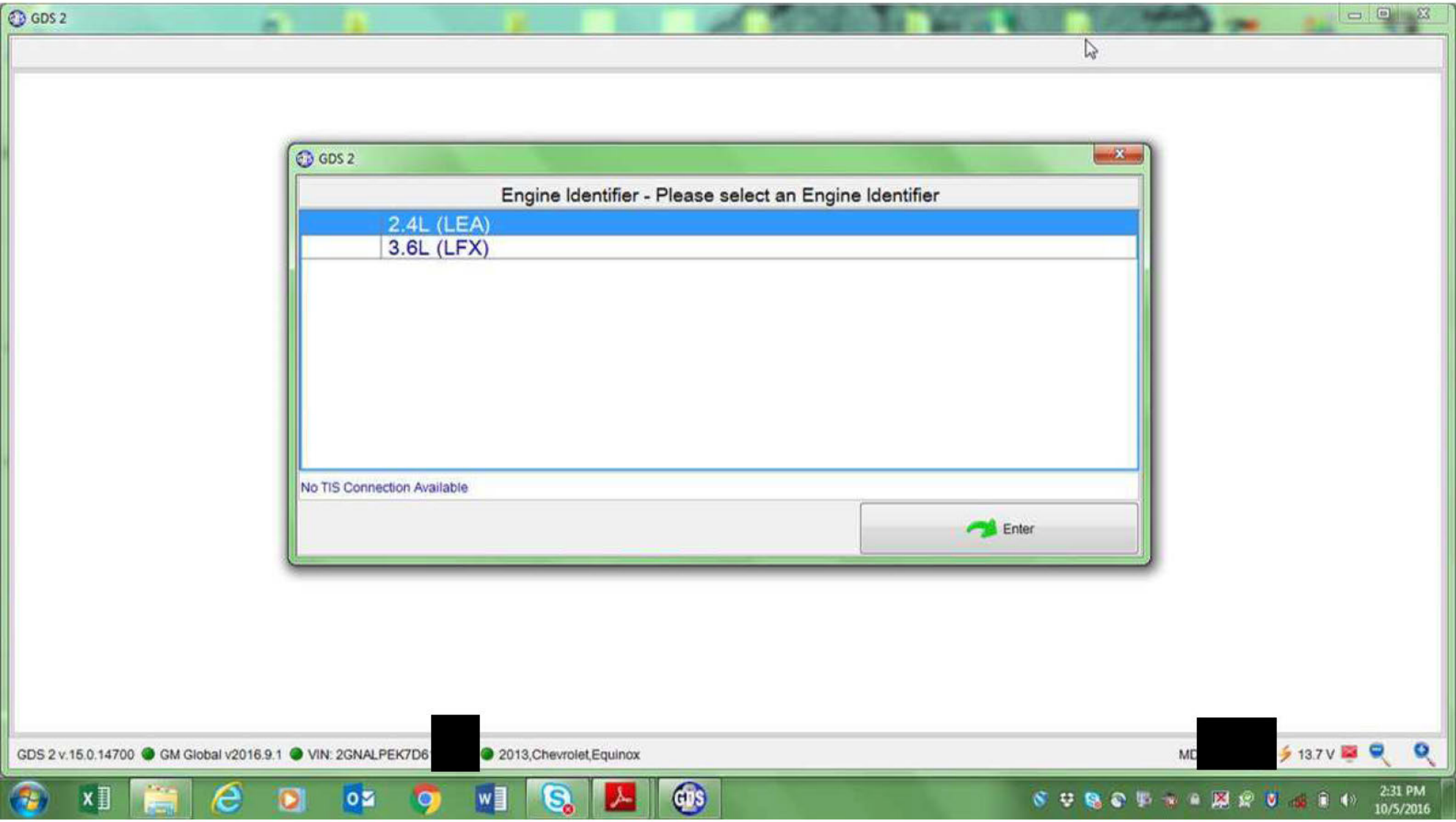
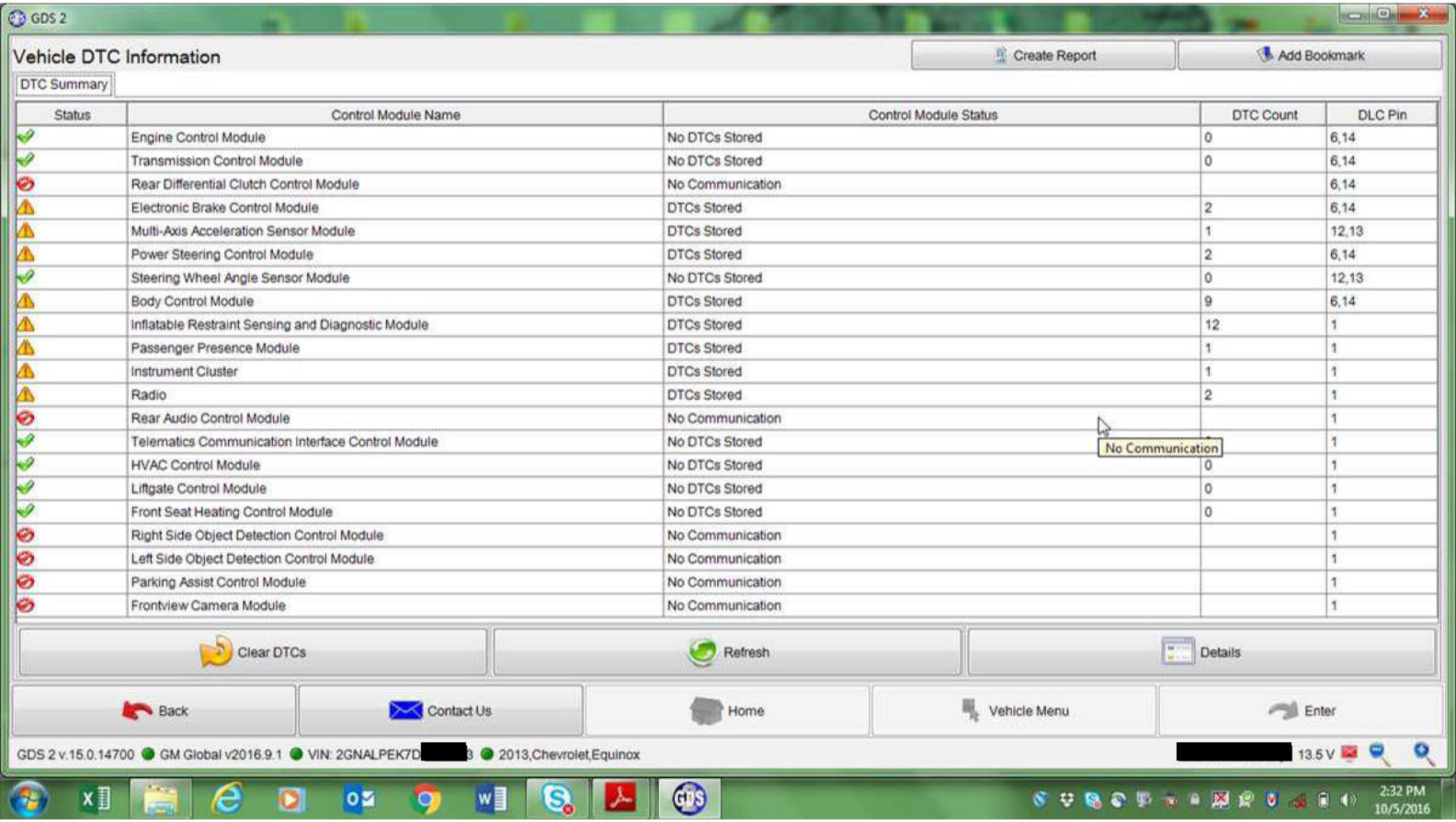
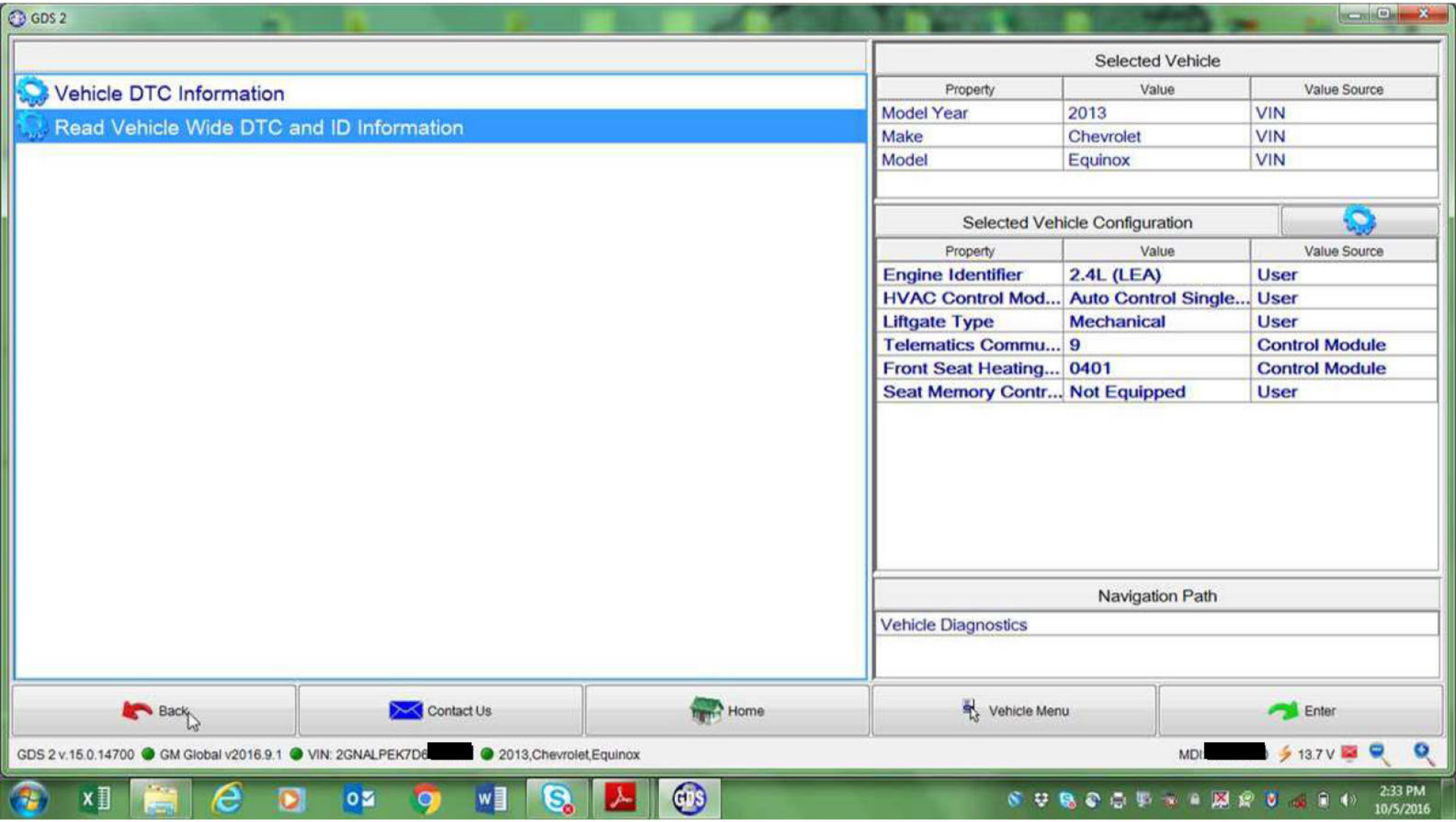
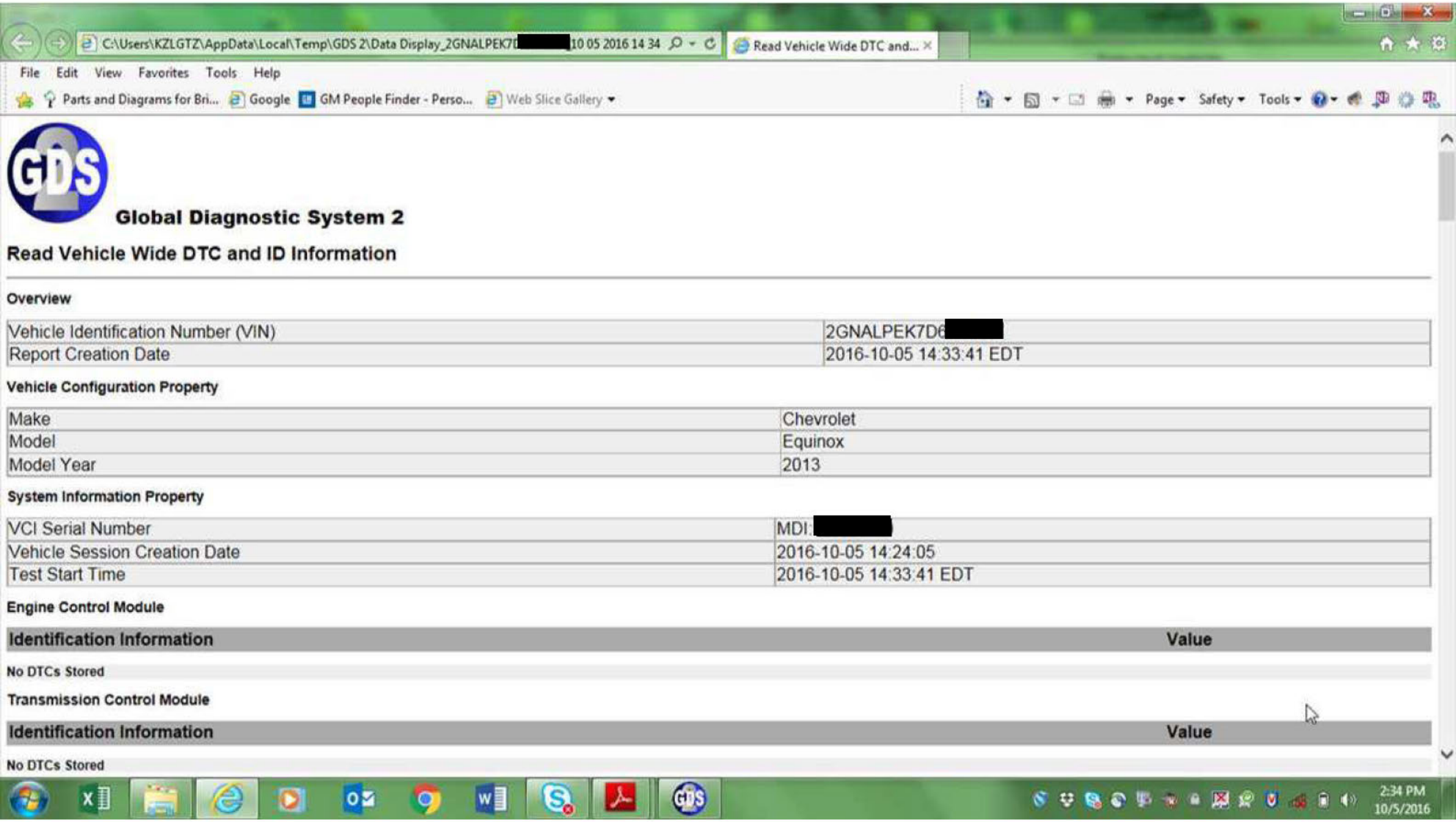
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D
2013,Chevrolet,Equinox
13.6 V
2:30 PM
10/5/2016

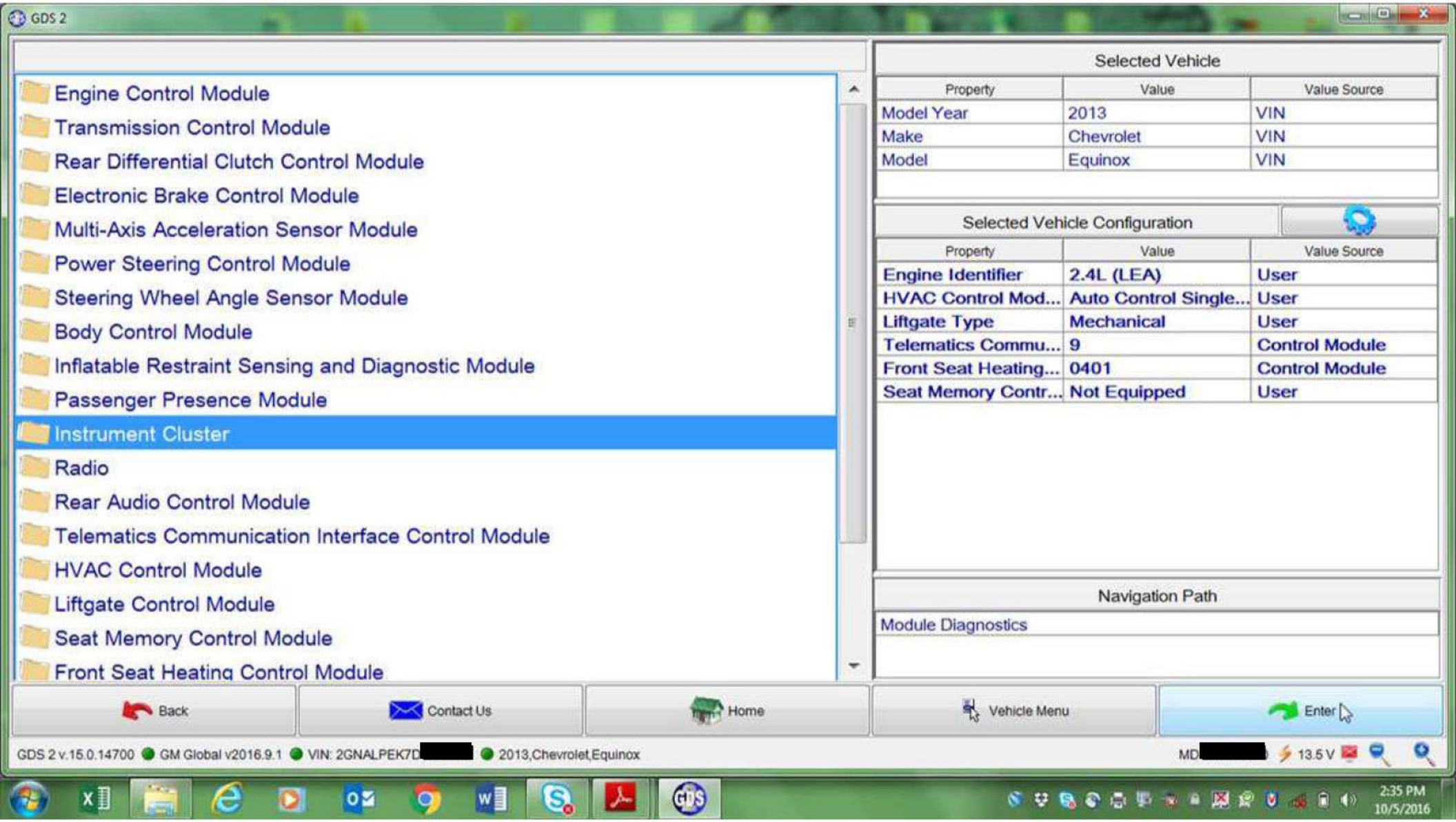

GDS 2
Vehicle DTC Information
Read Vehicle Wide DTC and ID Information
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
Vehicle Diagnostics
Back
Home
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7
2013,Chevrolet,Equinox
13.7 V
2:30 PM
10/5/2016

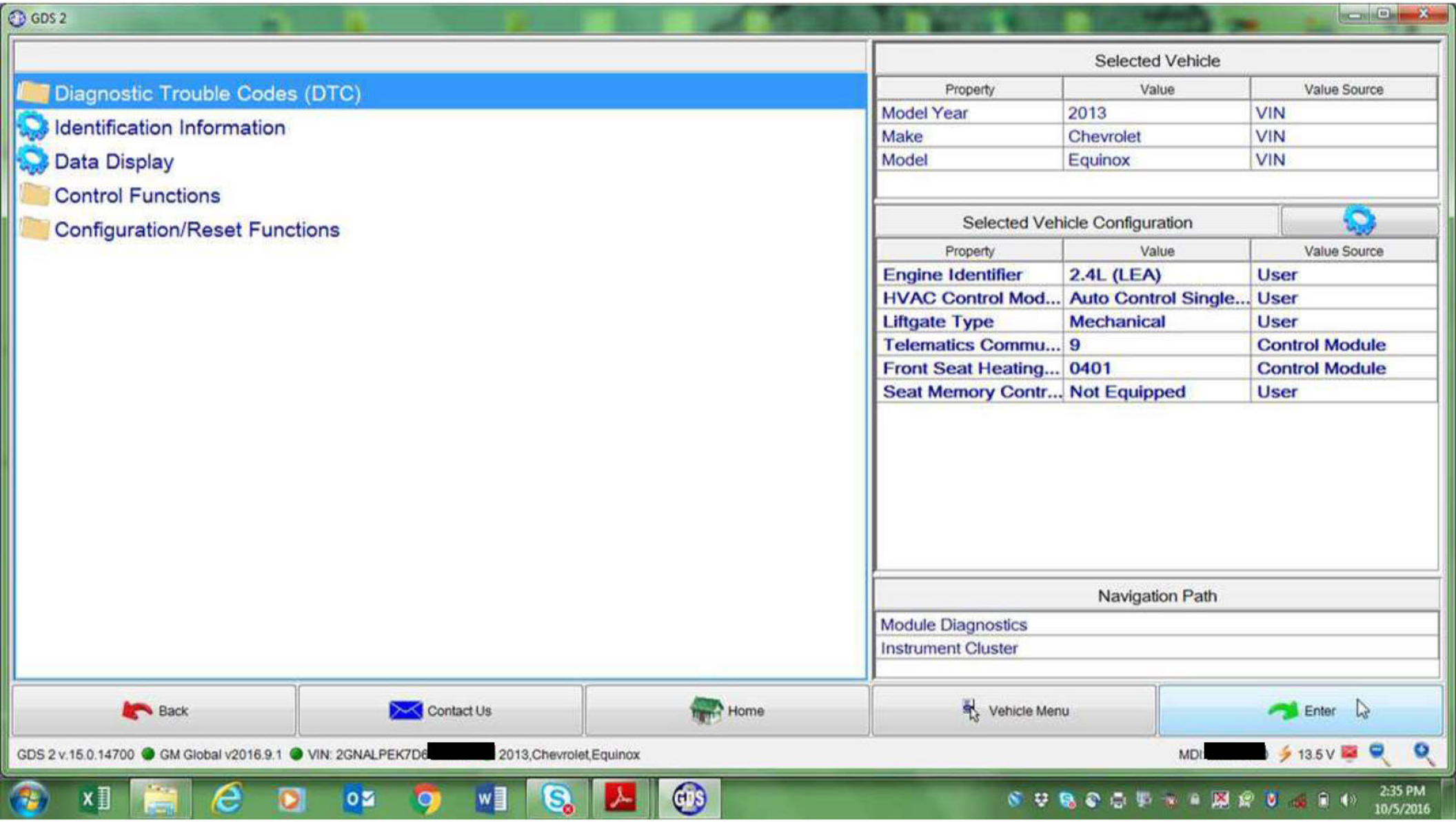

GDS 2
GDS 2
Engine Identifier - Please select an Engine Identifier
2.4L (LEA)
3.6L (LFX)
No TIS Connection Available
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MD
13.7 V
2:31 PM
10/5/2016


GDS 2
Vehicle DTC Information
Create Report
Add Bookmark
DTC Summary
Status | Control Module Name | Control Module Status | DTC Count | DLC Pin
Engine Control Module | No DTCs Stored | 0 | 6,14
Transmission Control Module | No DTCs Stored | 0 | 6,14
Rear Differential Clutch Control Module | No Communication | | 6,14
Electronic Brake Control Module | DTCs Stored | 2 | 6,14
Multi-Axis Acceleration Sensor Module | DTCs Stored | 1 | 12,13
Power Steering Control Module | DTCs Stored | 2 | 6,14
Steering Wheel Angle Sensor Module | No DTCs Stored | 0 | 12,13
Body Control Module | DTCs Stored | 9 | 6,14
Inflatable Restraint Sensing and Diagnostic Module | DTCs Stored | 12 | 1
Passenger Presence Module | DTCs Stored | 1 | 1
Instrument Cluster | DTCs Stored | 1 | 1
Radio | DTCs Stored | 2 | 1
Rear Audio Control Module | No Communication | | 1
Telematics Communication Interface Control Module | No DTCs Stored | | 1
HVAC Control Module | No DTCs Stored | 0 | 1
Liftgate Control Module | No DTCs Stored | 0 | 1
Front Seat Heating Control Module | No DTCs Stored | 0 | 1
Right Side Object Detection Control Module | No Communication | | 1
Left Side Object Detection Control Module | No Communication | | 1
Parking Assist Control Module | No Communication | | 1
Frontview Camera Module | No Communication | | 1
No Communication
Clear DTCs
Refresh
Details
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D[redacted]3
2013,Chevrolet,Equinox
[redacted]
13.5 V
2:32 PM
10/5/2016


GDS 2
Vehicle DTC Information
Read Vehicle Wide DTC and ID Information
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Mod...
Auto Control Single...
User
Liftgate Type
Mechanical
User
Telematics Commu...
9
Control Module
Front Seat Heating...
0401
Control Module
Seat Memory Contr...
Not Equipped
User
Navigation Path
Vehicle Diagnostics
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.7 V
2:33 PM
10/5/2016


C:\Users\KZLGTZ\AppData\Local\Temp\GDS 2\Data Display_2GNALPEK7[redacted]10 05 2016 14 34
Read Vehicle Wide DTC and...
File Edit View Favorites Tools Help
Parts and Diagrams for Bri... Google GM People Finder - Perso... Web Slice Gallery
Page Safety Tools
Global Diagnostic System 2
Read Vehicle Wide DTC and ID Information
Overview
Vehicle Identification Number (VIN) 2GNALPEK7D6[redacted]
Report Creation Date 2016-10-05 14:33:41 EDT
Vehicle Configuration Property
Make Chevrolet
Model Equinox
Model Year 2013
System Information Property
VCI Serial Number MDI:[redacted]
Vehicle Session Creation Date 2016-10-05 14:24:05
Test Start Time 2016-10-05 14:33:41 EDT
Engine Control Module
Identification Information Value
No DTCs Stored
Transmission Control Module
Identification Information Value
No DTCs Stored
2:34 PM
10/5/2016


GDS 2
Engine Control Module
Transmission Control Module
Rear Differential Clutch Control Module
Electronic Brake Control Module
Multi-Axis Acceleration Sensor Module
Power Steering Control Module
Steering Wheel Angle Sensor Module
Body Control Module
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module
Instrument Cluster
Radio
Rear Audio Control Module
Telematics Communication Interface Control Module
HVAC Control Module
Liftgate Control Module
Seat Memory Control Module
Front Seat Heating Control Module
Selected Vehicle
Property Value Value Source
Model Year 2013 VIN
Make Chevrolet VIN
Model Equinox VIN
Selected Vehicle Configuration
Property Value Value Source
Engine Identifier 2.4L (LEA) User
HVAC Control Mod... Auto Control Single... User
Liftgate Type Mechanical User
Telematics Commu... 9 Control Module
Front Seat Heating... 0401 Control Module
Seat Memory Contr... Not Equipped User
Navigation Path
Module Diagnostics
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D[redacted]
2013,Chevrolet,Equinox
MD[redacted]
13.5 V
2:35 PM
10/5/2016


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Mod...
Auto Control Single...
User
Liftgate Type
Mechanical
User
Telematics Commu...
9
Control Module
Front Seat Heating...
0401
Control Module
Seat Memory Contr...
Not Equipped
User
Navigation Path
Module Diagnostics
Instrument Cluster
Back
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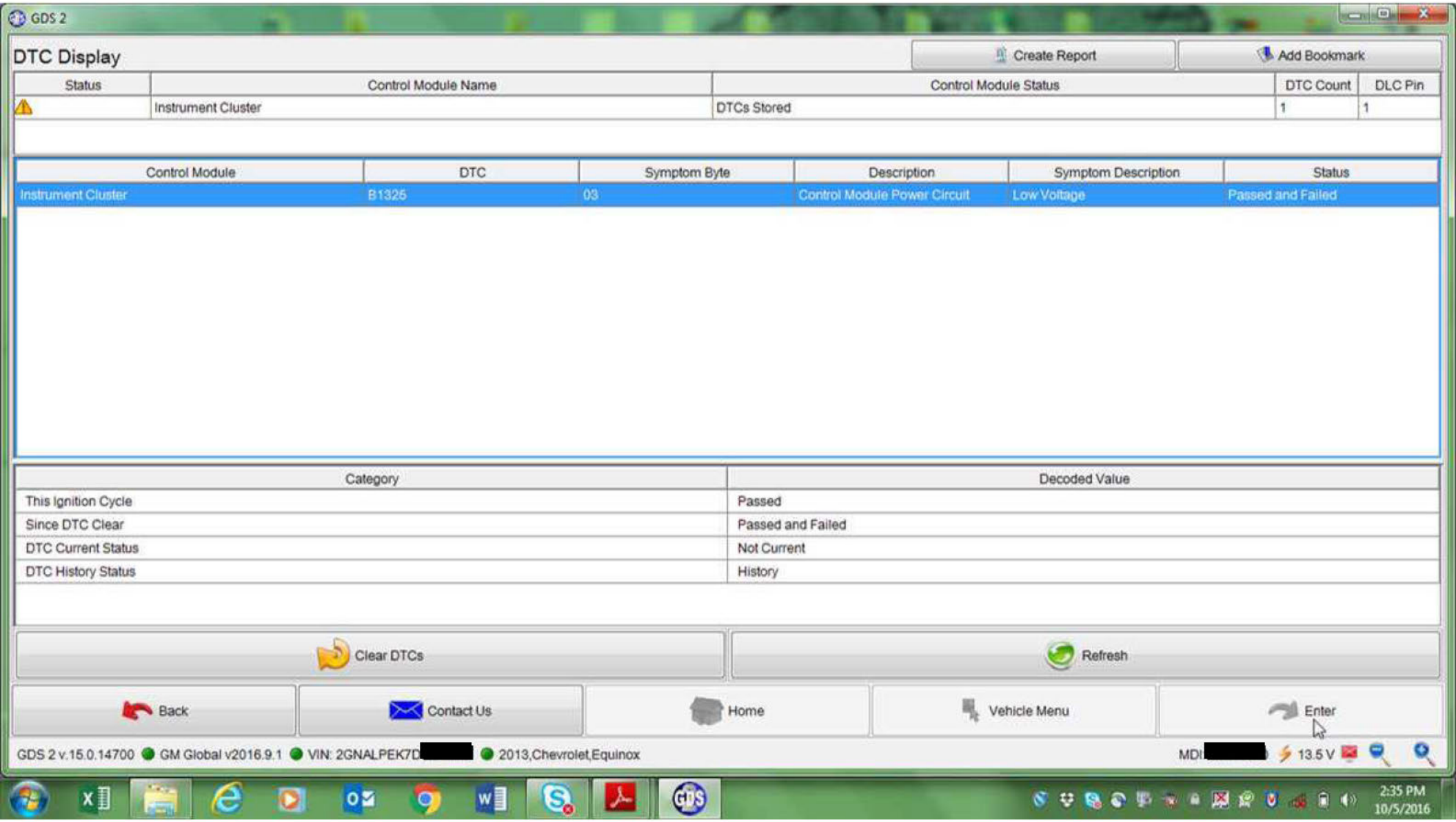
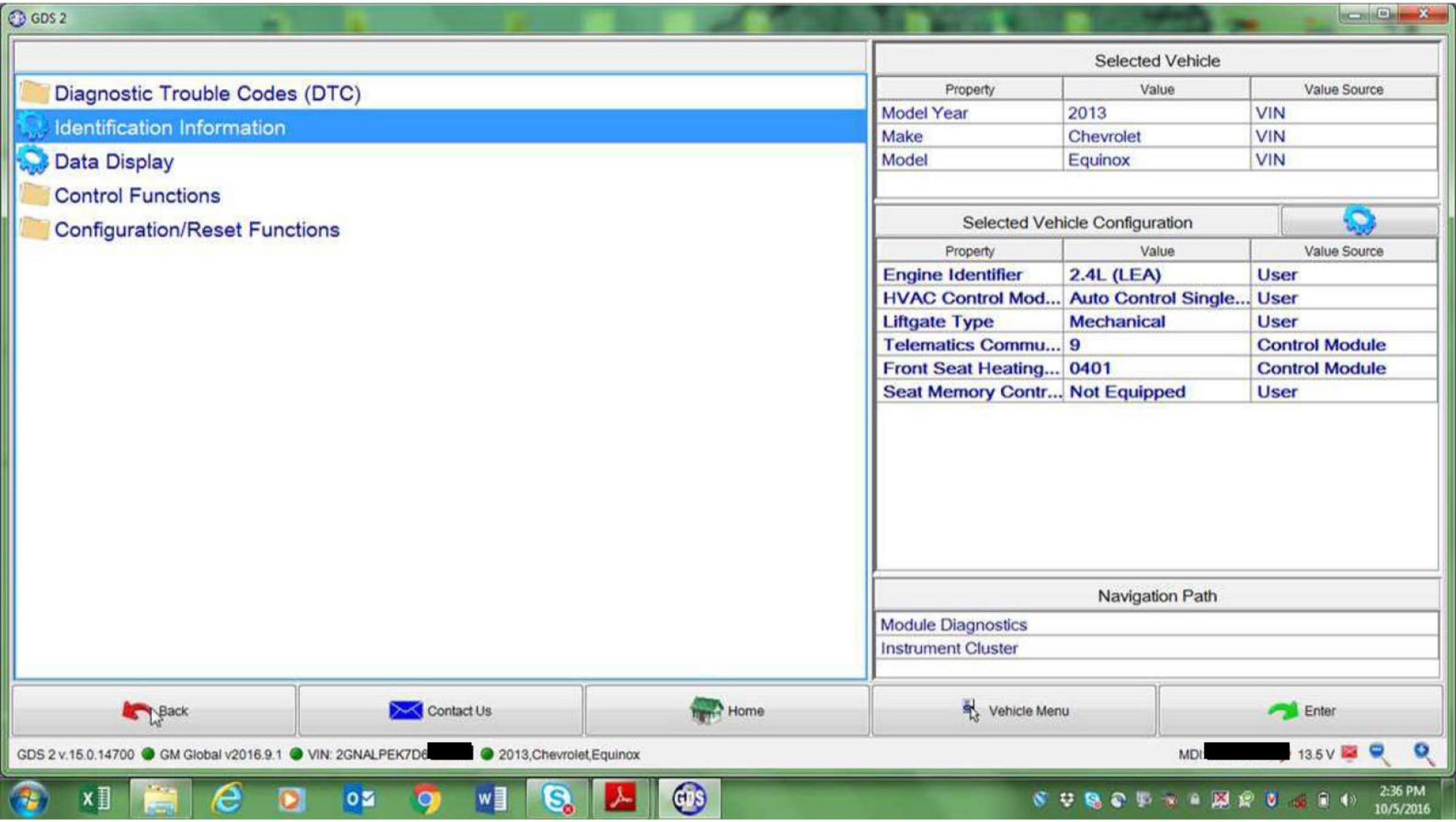
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.5 V
2:35 PM
10/5/2016


GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Instrument Cluster
DTCs Stored
1
1
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Instrument Cluster
B1325
03
Control Module Power Circuit
Low Voltage
Passed and Failed
Category
Decoded Value
This Ignition Cycle
Passed
Since DTC Clear
Passed and Failed
DTC Current Status
Not Current
DTC History Status
History
Clear DTCs
Refresh
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D
2013,Chevrolet,Equinox
MDI
13.5 V
2:35 PM
10/5/2016


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Mod...
Auto Control Single...
User
Liftgate Type
Mechanical
User
Telematics Commu...
9
Control Module
Front Seat Heating...
0401
Control Module
Seat Memory Contr...
Not Equipped
User
Navigation Path
Module Diagnostics
Instrument Cluster
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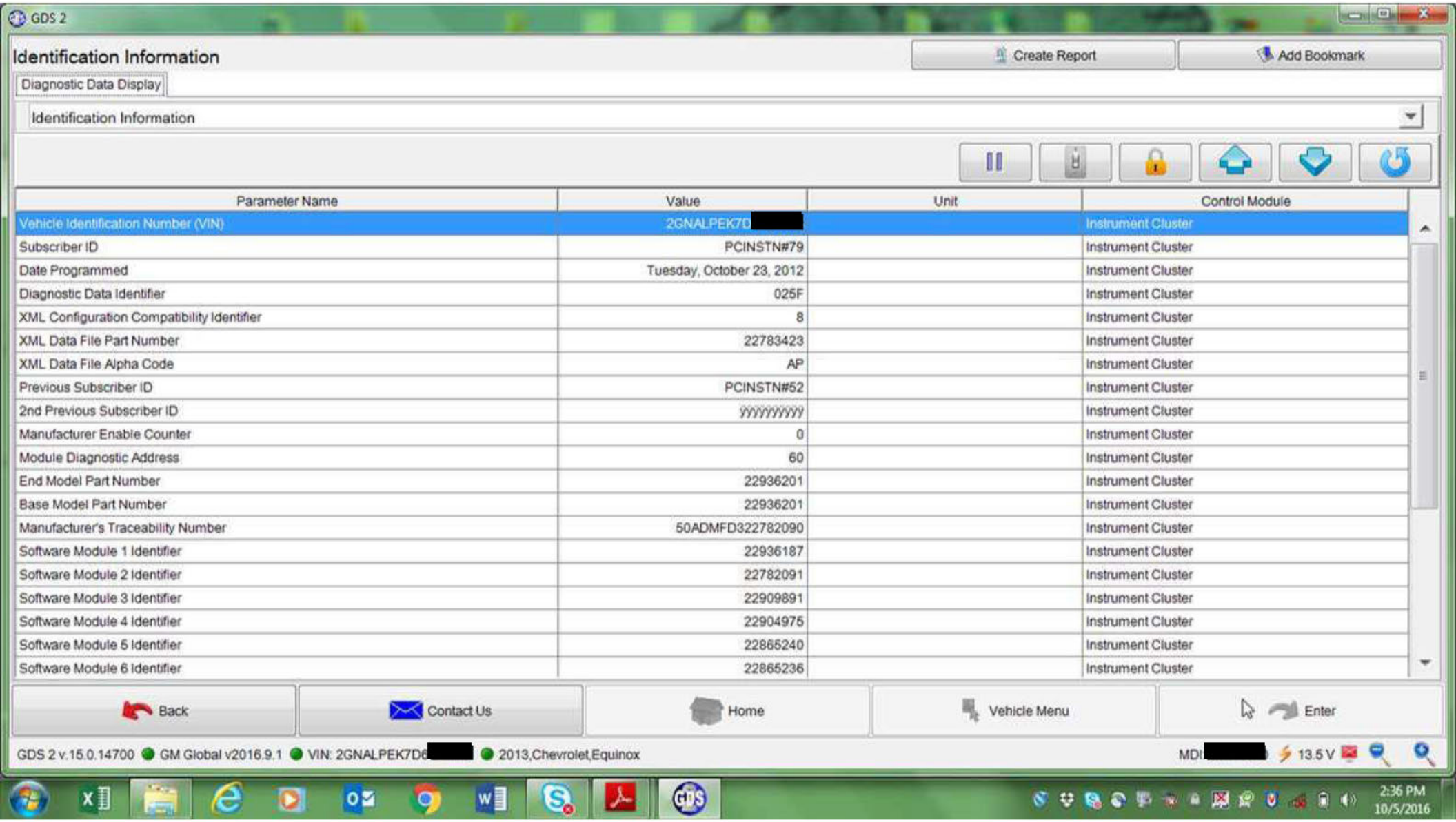
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.5 V
2:36 PM
10/5/2016


GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Vehicle Identification Number (VIN)
2GNALPEK7D[redacted]
Instrument Cluster
Subscriber ID
PCINSTN#79
Instrument Cluster
Date Programmed
Tuesday, October 23, 2012
Instrument Cluster
Diagnostic Data Identifier
025F
Instrument Cluster
XML Configuration Compatibility Identifier
8
Instrument Cluster
XML Data File Part Number
22783423
Instrument Cluster
XML Data File Alpha Code
AP
Instrument Cluster
Previous Subscriber ID
PCINSTN#52
Instrument Cluster
2nd Previous Subscriber ID
ÿÿÿÿÿÿÿÿÿÿ
Instrument Cluster
Manufacturer Enable Counter
0
Instrument Cluster
Module Diagnostic Address
60
Instrument Cluster
End Model Part Number
22936201
Instrument Cluster
Base Model Part Number
22936201
Instrument Cluster
Manufacturer's Traceability Number
50ADMFD322782090
Instrument Cluster
Software Module 1 Identifier
22936187
Instrument Cluster
Software Module 2 Identifier
22782091
Instrument Cluster
Software Module 3 Identifier
22909891
Instrument Cluster
Software Module 4 Identifier
22904975
Instrument Cluster
Software Module 5 Identifier
22865240
Instrument Cluster
Software Module 6 Identifier
22865236
Instrument Cluster
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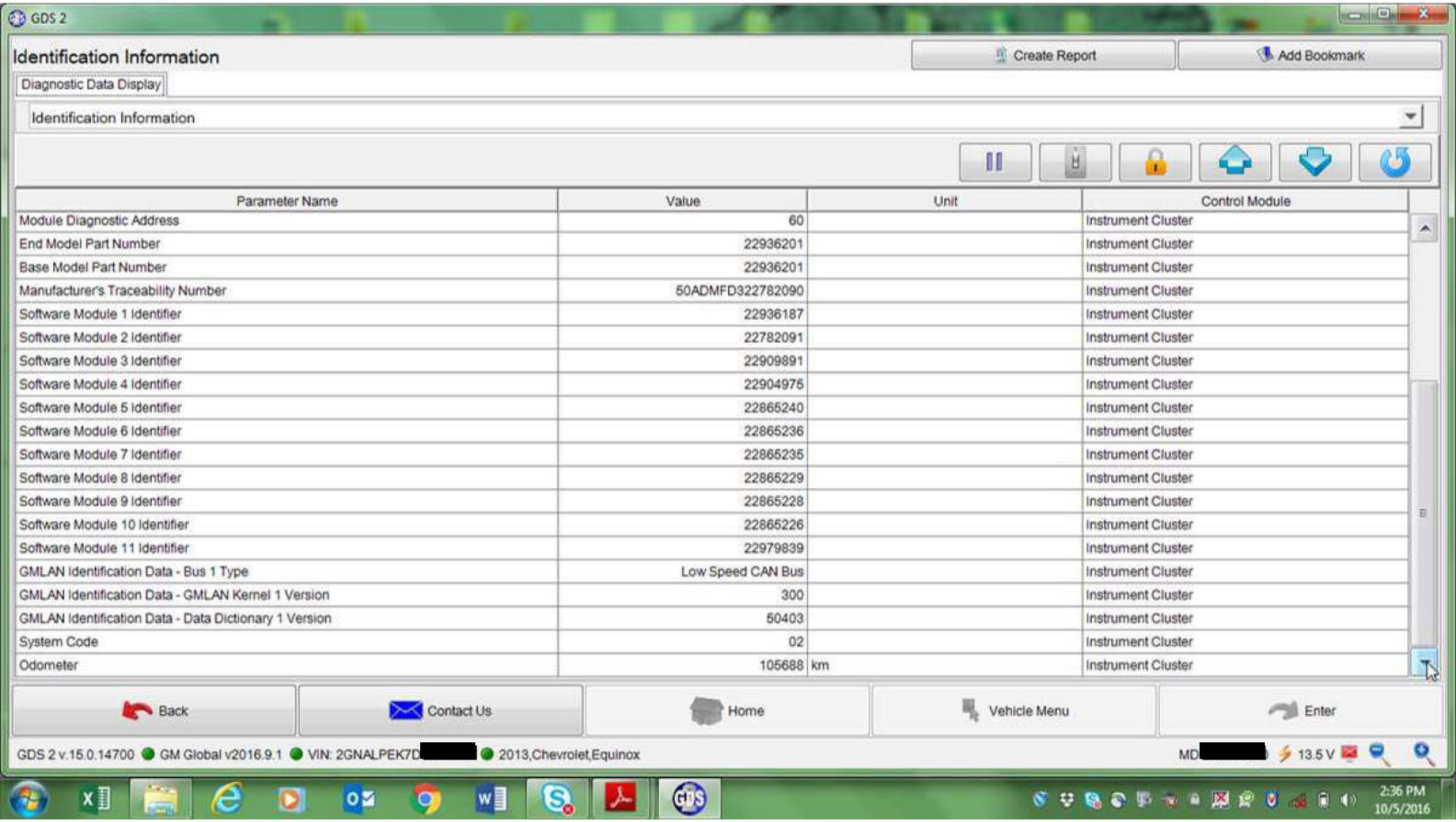
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6[redacted]
2013,Chevrolet,Equinox
MDI[redacted]
13.5 V
2:36 PM
10/5/2016


GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Module Diagnostic Address
60
Instrument Cluster
End Model Part Number
22936201
Instrument Cluster
Base Model Part Number
22936201
Instrument Cluster
Manufacturer's Traceability Number
50ADMFD322782090
Instrument Cluster
Software Module 1 Identifier
22936187
Instrument Cluster
Software Module 2 Identifier
22782091
Instrument Cluster
Software Module 3 Identifier
22909891
Instrument Cluster
Software Module 4 Identifier
22904975
Instrument Cluster
Software Module 5 Identifier
22865240
Instrument Cluster
Software Module 6 Identifier
22865236
Instrument Cluster
Software Module 7 Identifier
22865235
Instrument Cluster
Software Module 8 Identifier
22865229
Instrument Cluster
Software Module 9 Identifier
22865228
Instrument Cluster
Software Module 10 Identifier
22865226
Instrument Cluster
Software Module 11 Identifier
22979839
Instrument Cluster
GMLAN Identification Data - Bus 1 Type
Low Speed CAN Bus
Instrument Cluster
GMLAN Identification Data - GMLAN Kernel 1 Version
300
Instrument Cluster
GMLAN Identification Data - Data Dictionary 1 Version
50403
Instrument Cluster
System Code
02
Instrument Cluster
Odometer
105688
km
Instrument Cluster
Back
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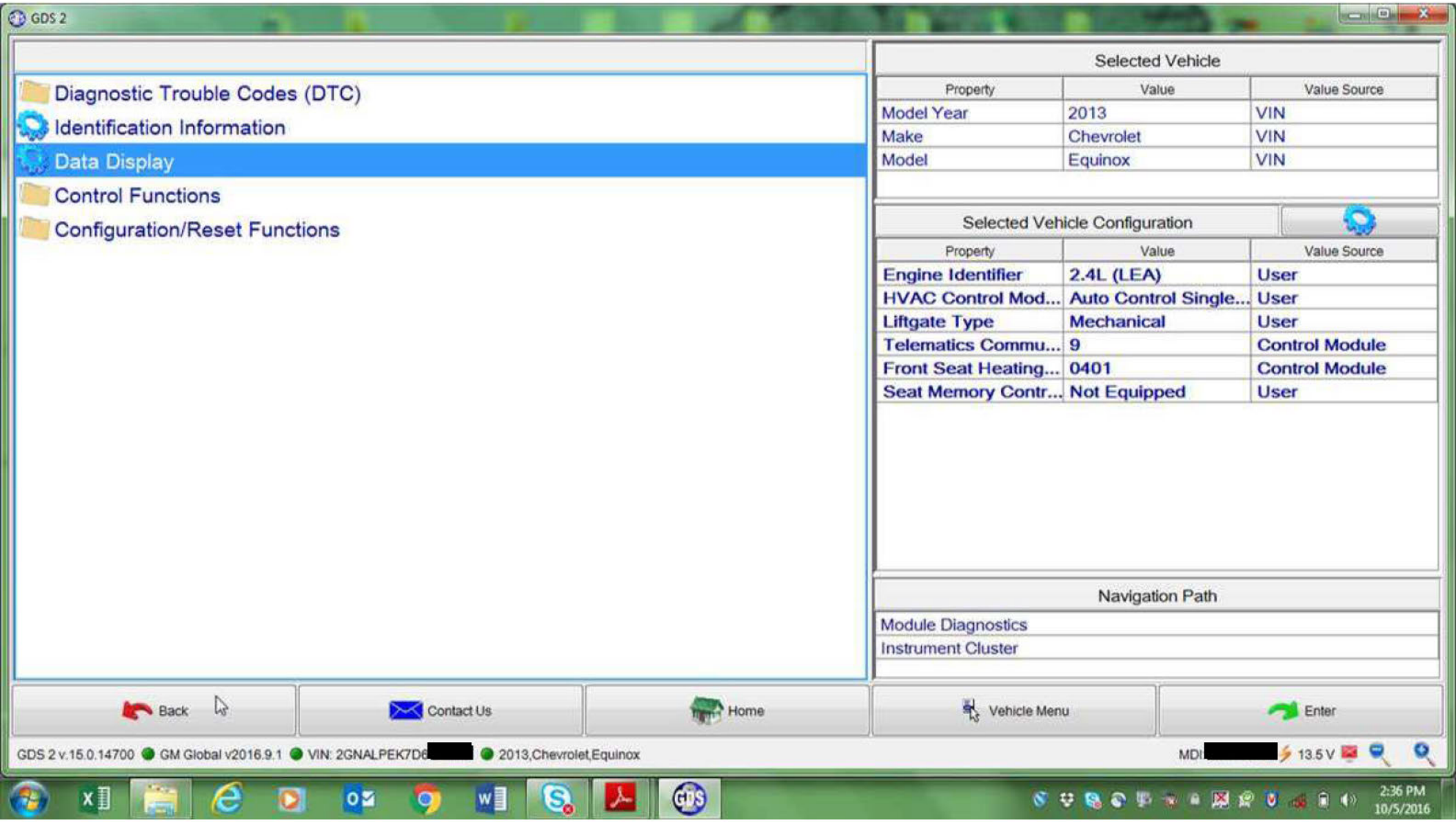
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D
2013,Chevrolet,Equinox
MD
13.5 V
2:36 PM
10/5/2016


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Mod...
Auto Control Single...
User
Liftgate Type
Mechanical
User
Telematics Commu...
9
Control Module
Front Seat Heating...
0401
Control Module
Seat Memory Contr...
Not Equipped
User
Navigation Path
Module Diagnostics
Instrument Cluster
Back
Contact Us
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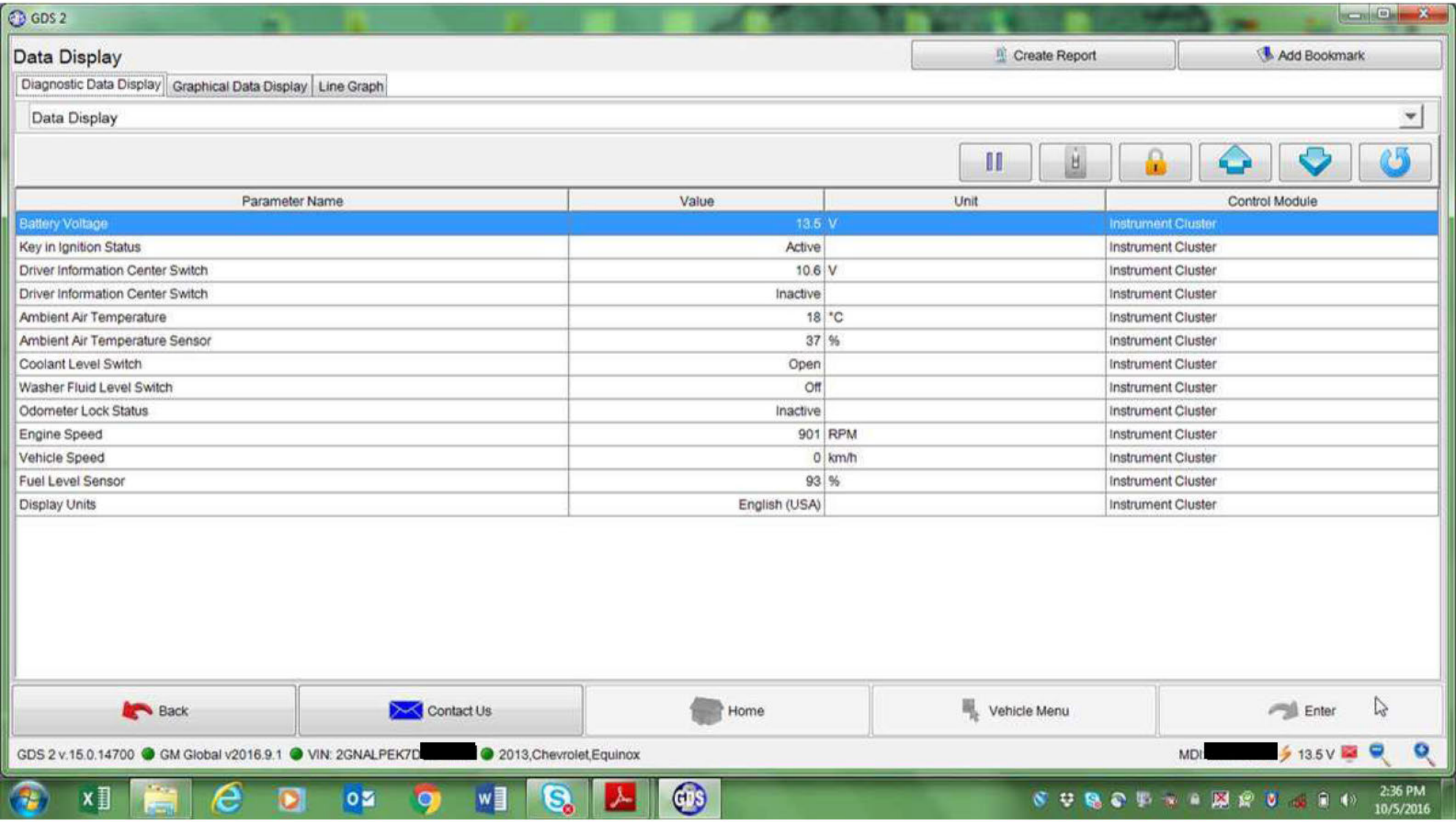
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.5 V
2:36 PM
10/5/2016


GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Data Display
Parameter Name
Value
Unit
Control Module
Battery Voltage 13.5 V Instrument Cluster
Key in Ignition Status Active Instrument Cluster
Driver Information Center Switch 10.6 V Instrument Cluster
Driver Information Center Switch Inactive Instrument Cluster
Ambient Air Temperature 18 °C Instrument Cluster
Ambient Air Temperature Sensor 37 % Instrument Cluster
Coolant Level Switch Open Instrument Cluster
Washer Fluid Level Switch Off Instrument Cluster
Odometer Lock Status Inactive Instrument Cluster
Engine Speed 901 RPM Instrument Cluster
Vehicle Speed 0 km/h Instrument Cluster
Fuel Level Sensor 93 % Instrument Cluster
Display Units English (USA) Instrument Cluster
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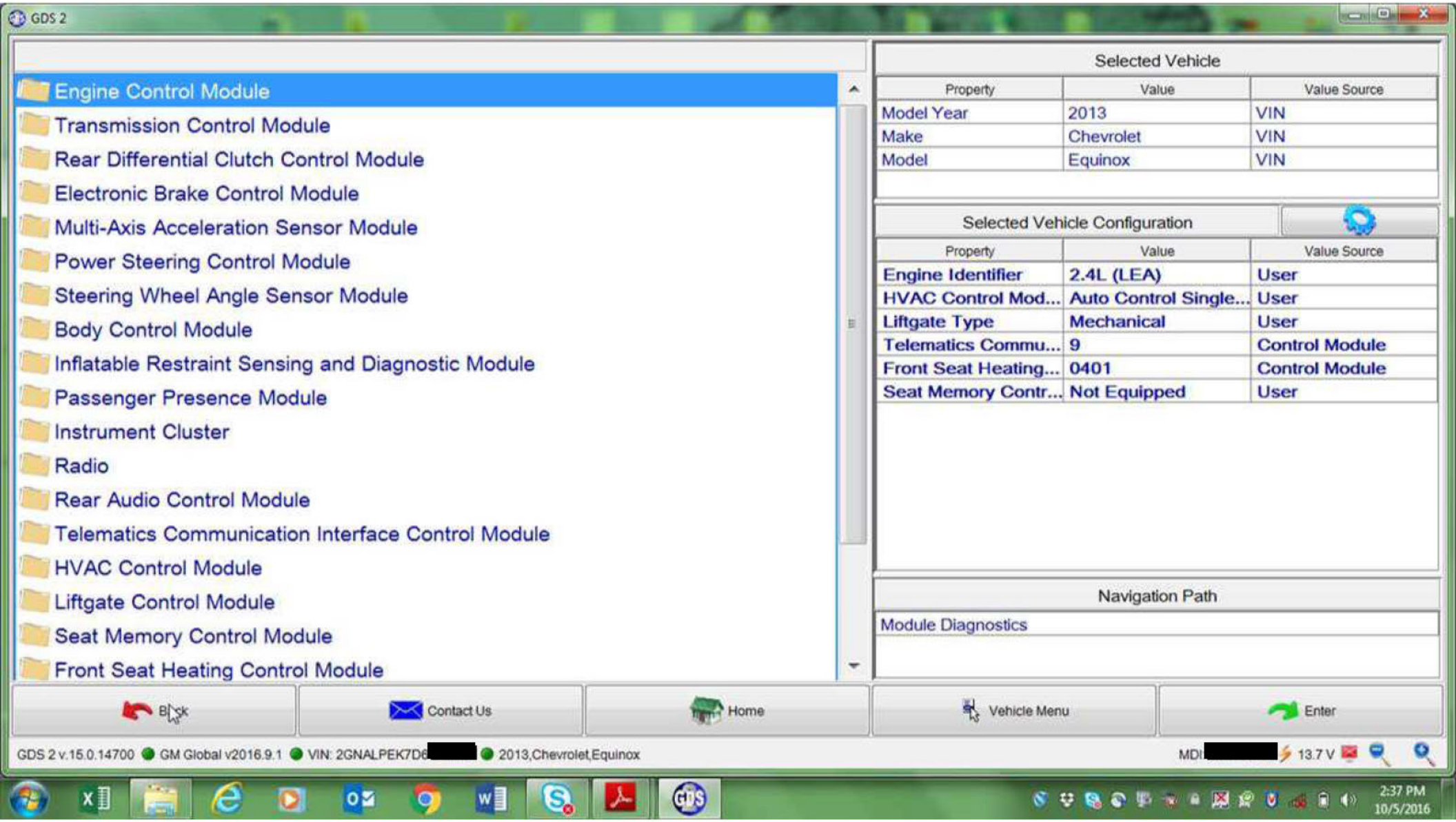
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D[redacted]
2013,Chevrolet,Equinox
MDI[redacted]
13.5 V
2:36 PM
10/5/2016


GDS 2
Engine Control Module
Transmission Control Module
Rear Differential Clutch Control Module
Electronic Brake Control Module
Multi-Axis Acceleration Sensor Module
Power Steering Control Module
Steering Wheel Angle Sensor Module
Body Control Module
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module
Instrument Cluster
Radio
Rear Audio Control Module
Telematics Communication Interface Control Module
HVAC Control Module
Liftgate Control Module
Seat Memory Control Module
Front Seat Heating Control Module
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Mod...
Auto Control Single...
User
Liftgate Type
Mechanical
User
Telematics Commu...
9
Control Module
Front Seat Heating...
0401
Control Module
Seat Memory Contr...
Not Equipped
User
Navigation Path
Module Diagnostics
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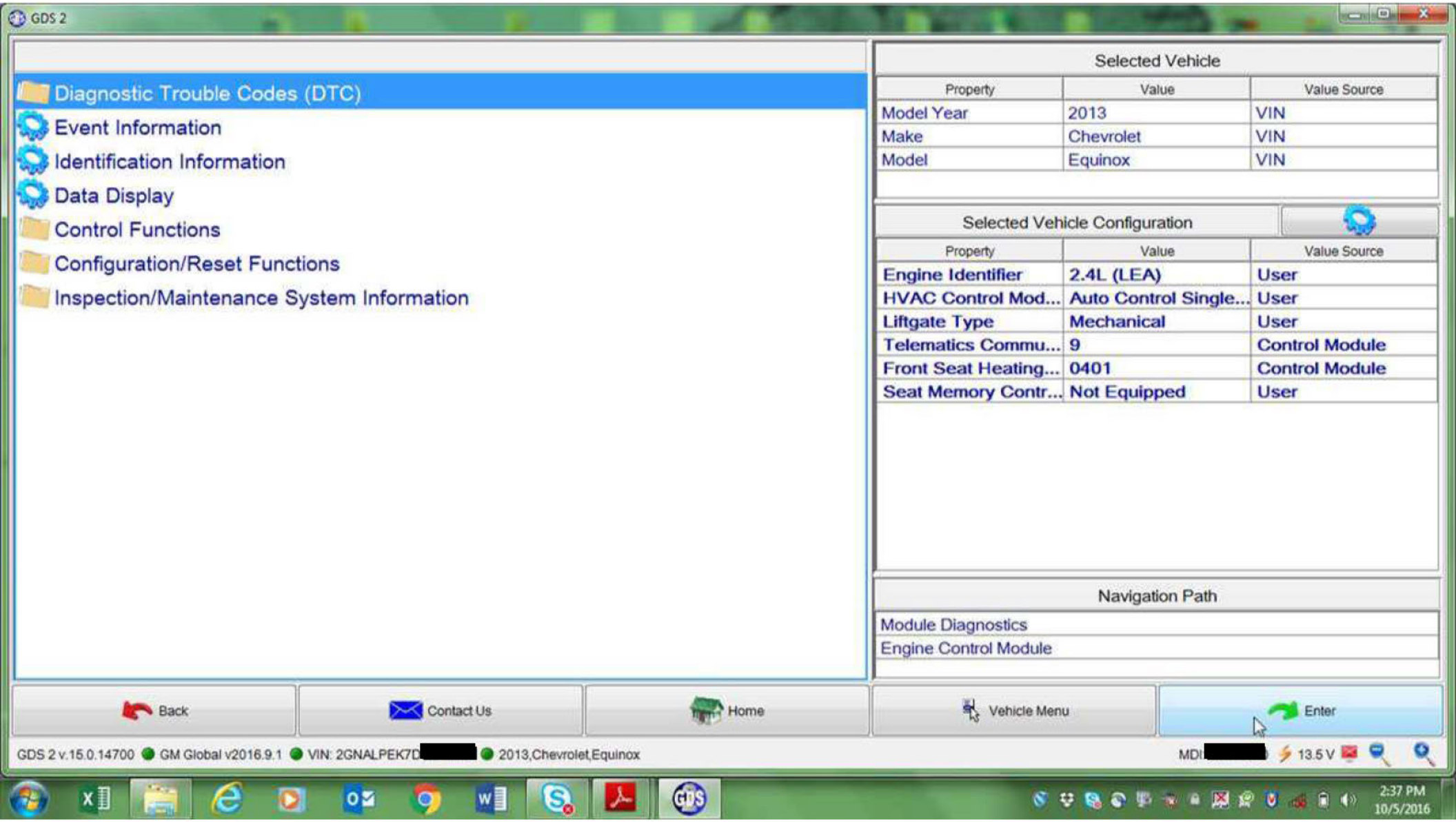
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.7 V
2:37 PM
10/5/2016


GDS 2
Diagnostic Trouble Codes (DTC)
Event Information
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Inspection/Maintenance System Information
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Mod...
Auto Control Single...
User
Liftgate Type
Mechanical
User
Telematics Commu...
9
Control Module
Front Seat Heating...
0401
Control Module
Seat Memory Contr...
Not Equipped
User
Navigation Path
Module Diagnostics
Engine Control Module
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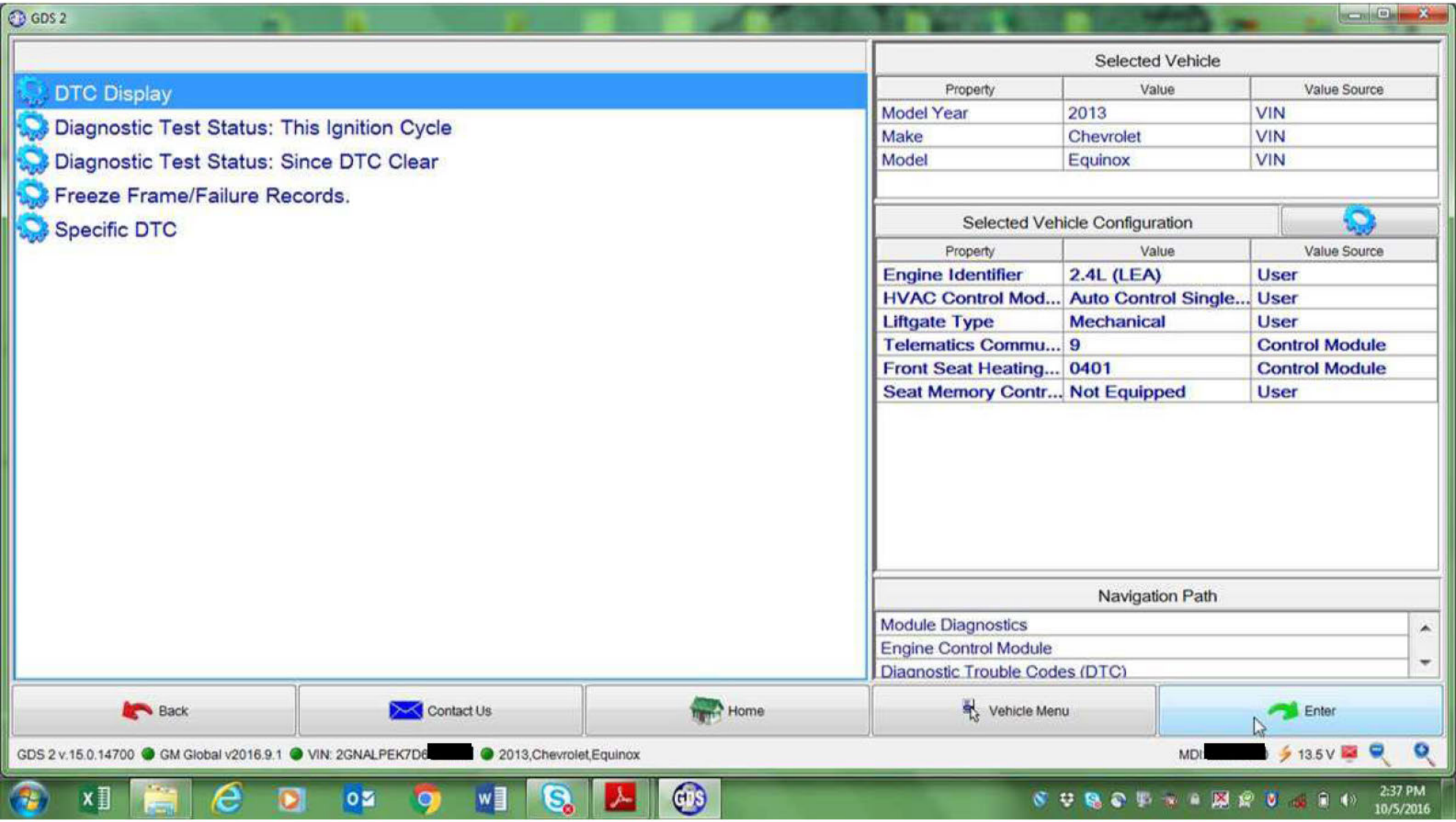
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D
2013,Chevrolet,Equinox
MDI
13.5 V
2:37 PM
10/5/2016


GDS 2
DTC Display
Diagnostic Test Status: This Ignition Cycle
Diagnostic Test Status: Since DTC Clear
Freeze Frame/Failure Records.
Specific DTC
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Mod...
Auto Control Single...
User
Liftgate Type
Mechanical
User
Telematics Commu...
9
Control Module
Front Seat Heating...
0401
Control Module
Seat Memory Contr...
Not Equipped
User
Navigation Path
Module Diagnostics
Engine Control Module
Diagnostic Trouble Codes (DTC)
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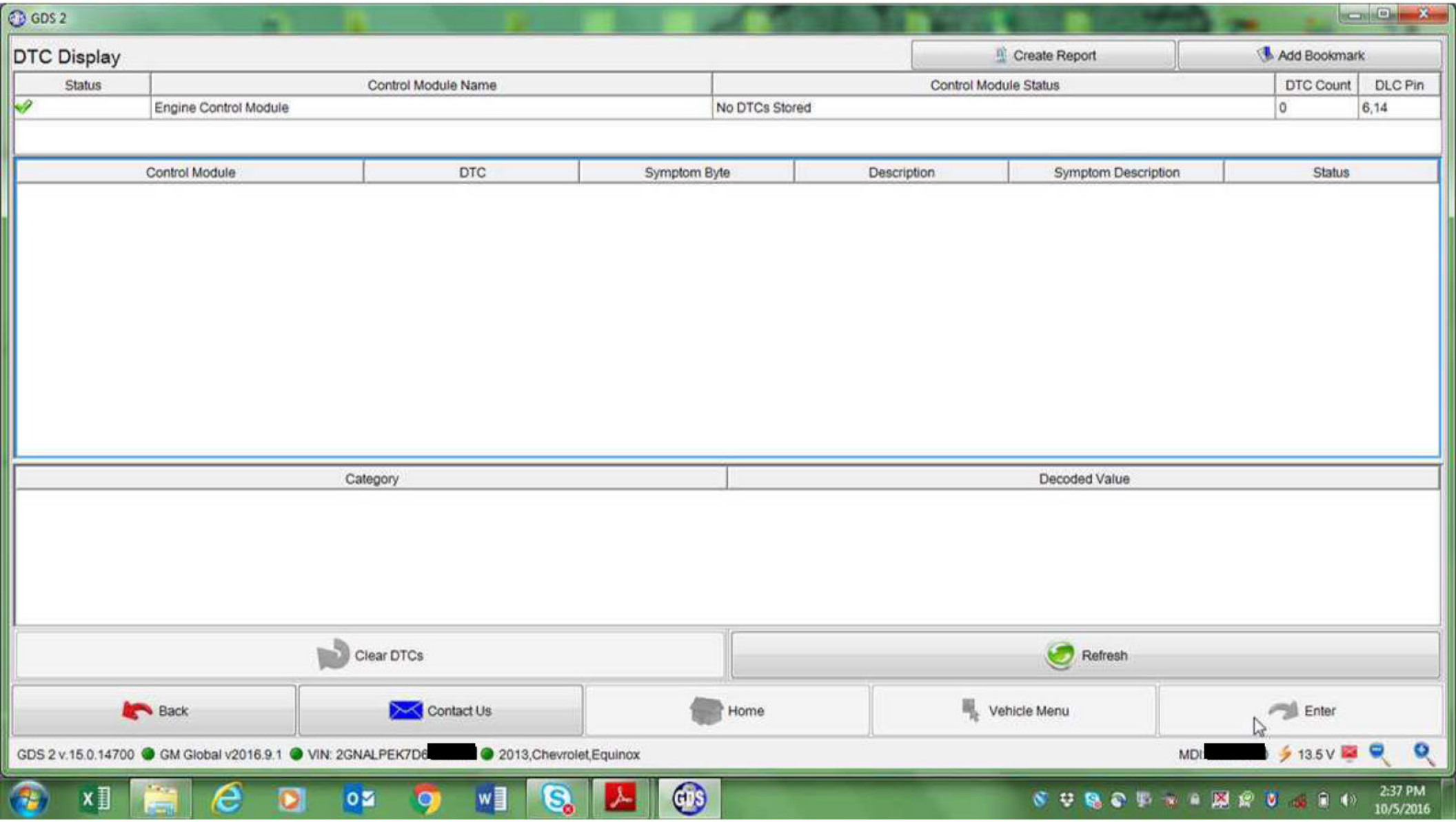
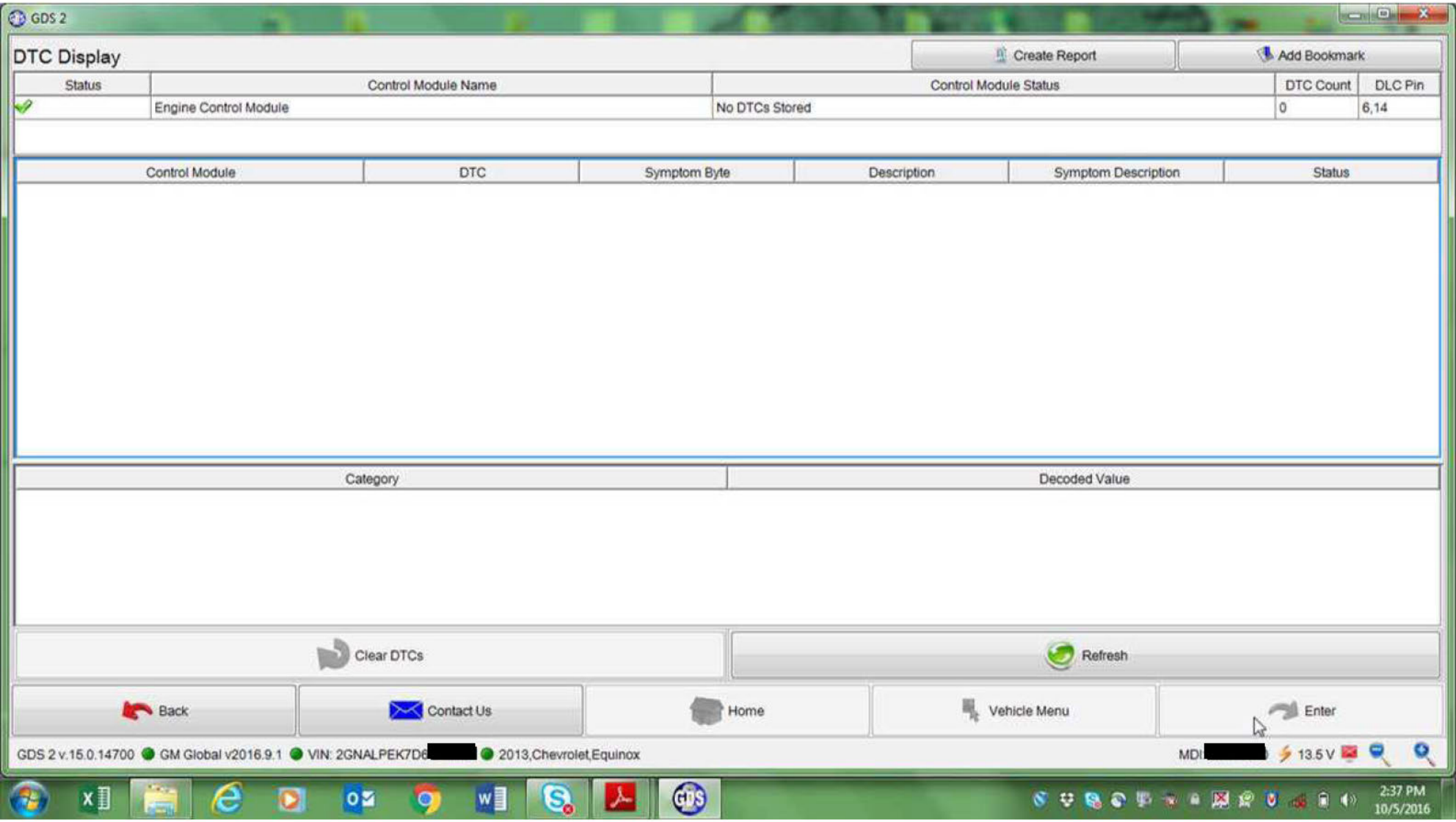
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.5 V
2:37 PM
10/5/2016


GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Engine Control Module
No DTCs Stored
0
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.5 V
2:37 PM
10/5/2016


GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Engine Control Module
No DTCs Stored
0
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.5 V
2:37 PM
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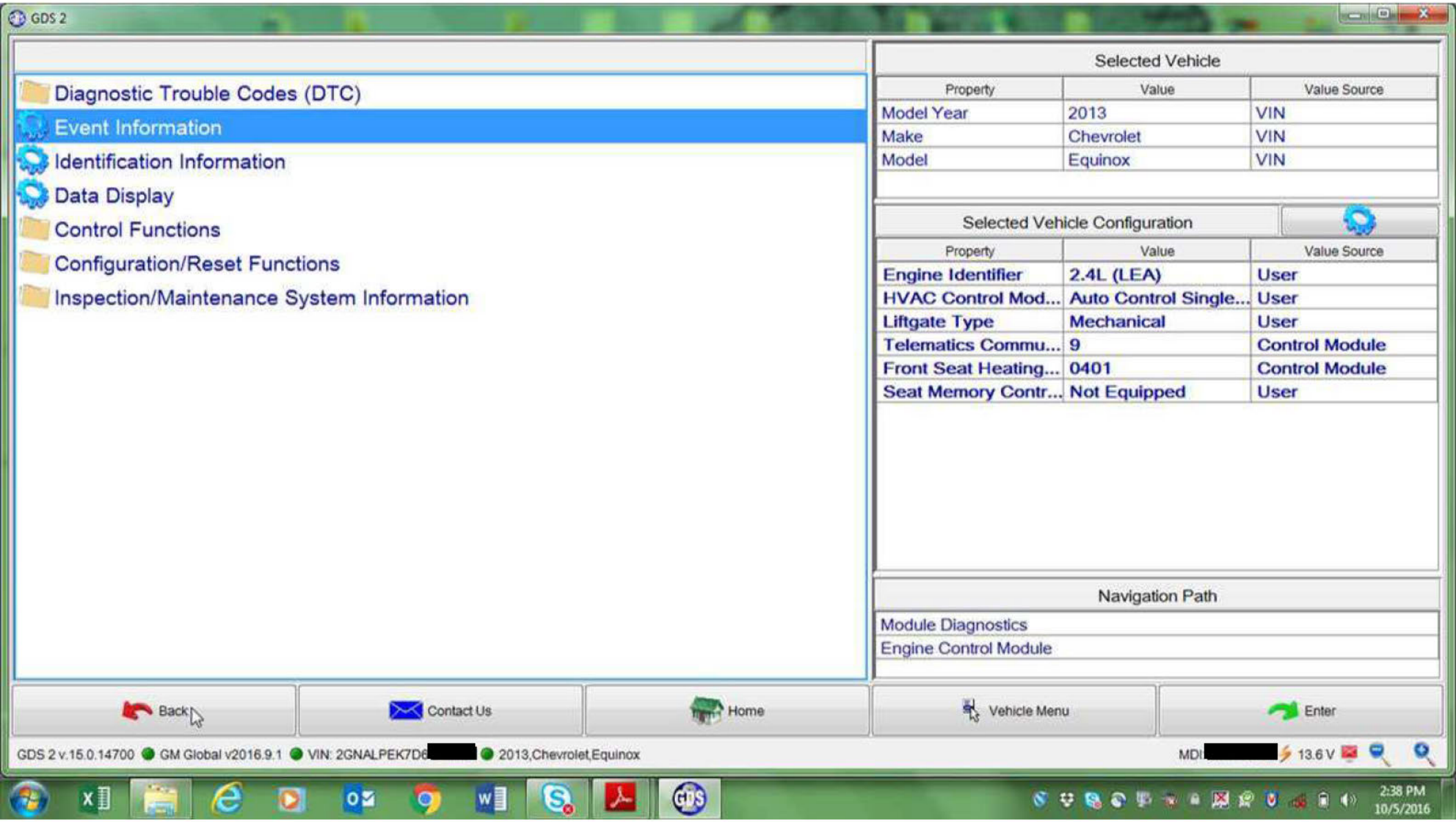
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Value Source
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Auto Control Single...
User
Liftgate Type
Mechanical
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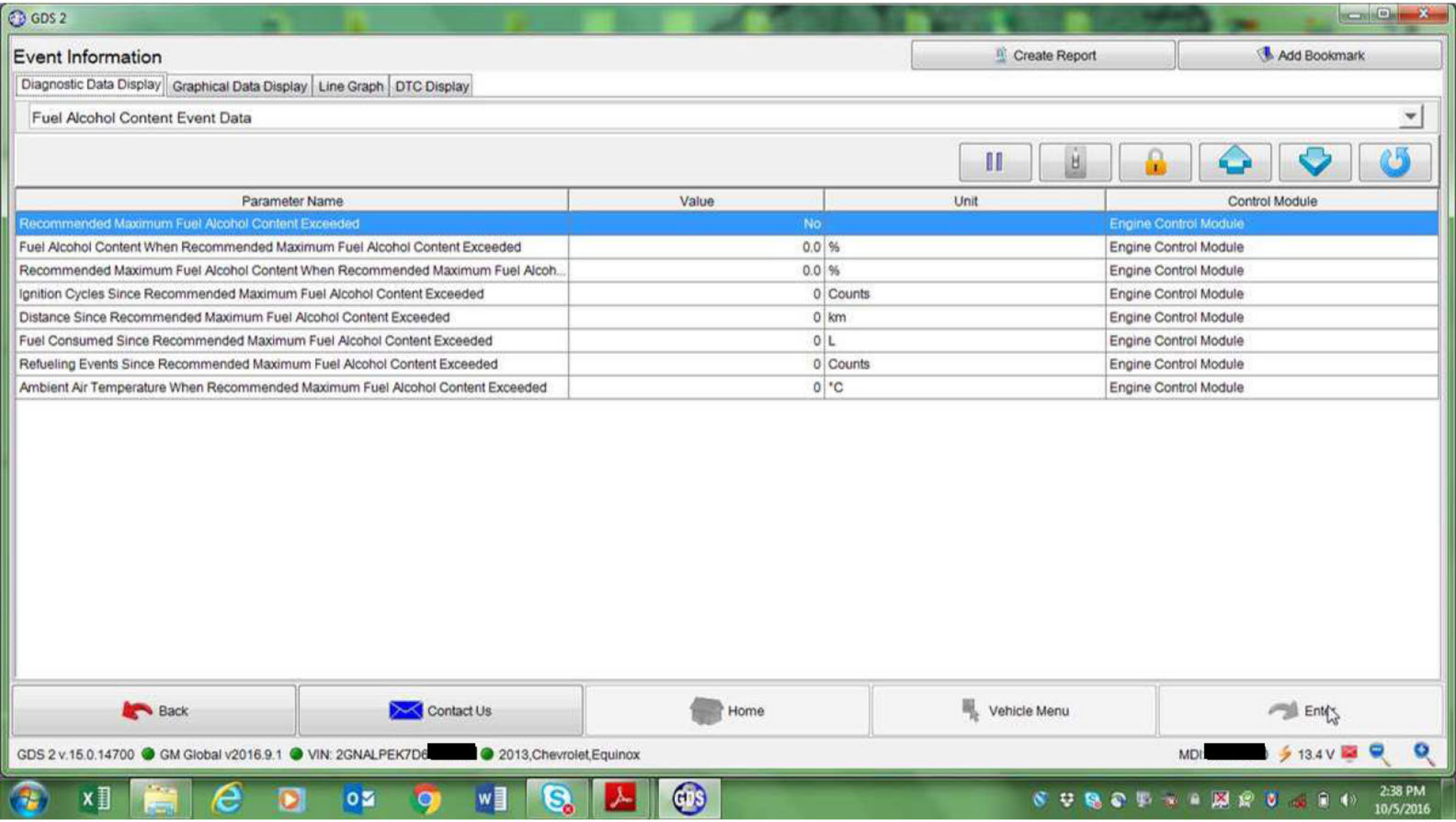
GDS 2
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Fuel Alcohol Content Event Data
Parameter Name
Value
Unit
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Recommended Maximum Fuel Alcohol Content Exceeded
No
Engine Control Module
Fuel Alcohol Content When Recommended Maximum Fuel Alcohol Content Exceeded
0.0
%
Engine Control Module
Recommended Maximum Fuel Alcohol Content When Recommended Maximum Fuel Alcoh...
0.0
%
Engine Control Module
Ignition Cycles Since Recommended Maximum Fuel Alcohol Content Exceeded
0
Counts
Engine Control Module
Distance Since Recommended Maximum Fuel Alcohol Content Exceeded
0
km
Engine Control Module
Fuel Consumed Since Recommended Maximum Fuel Alcohol Content Exceeded
0
L
Engine Control Module
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0
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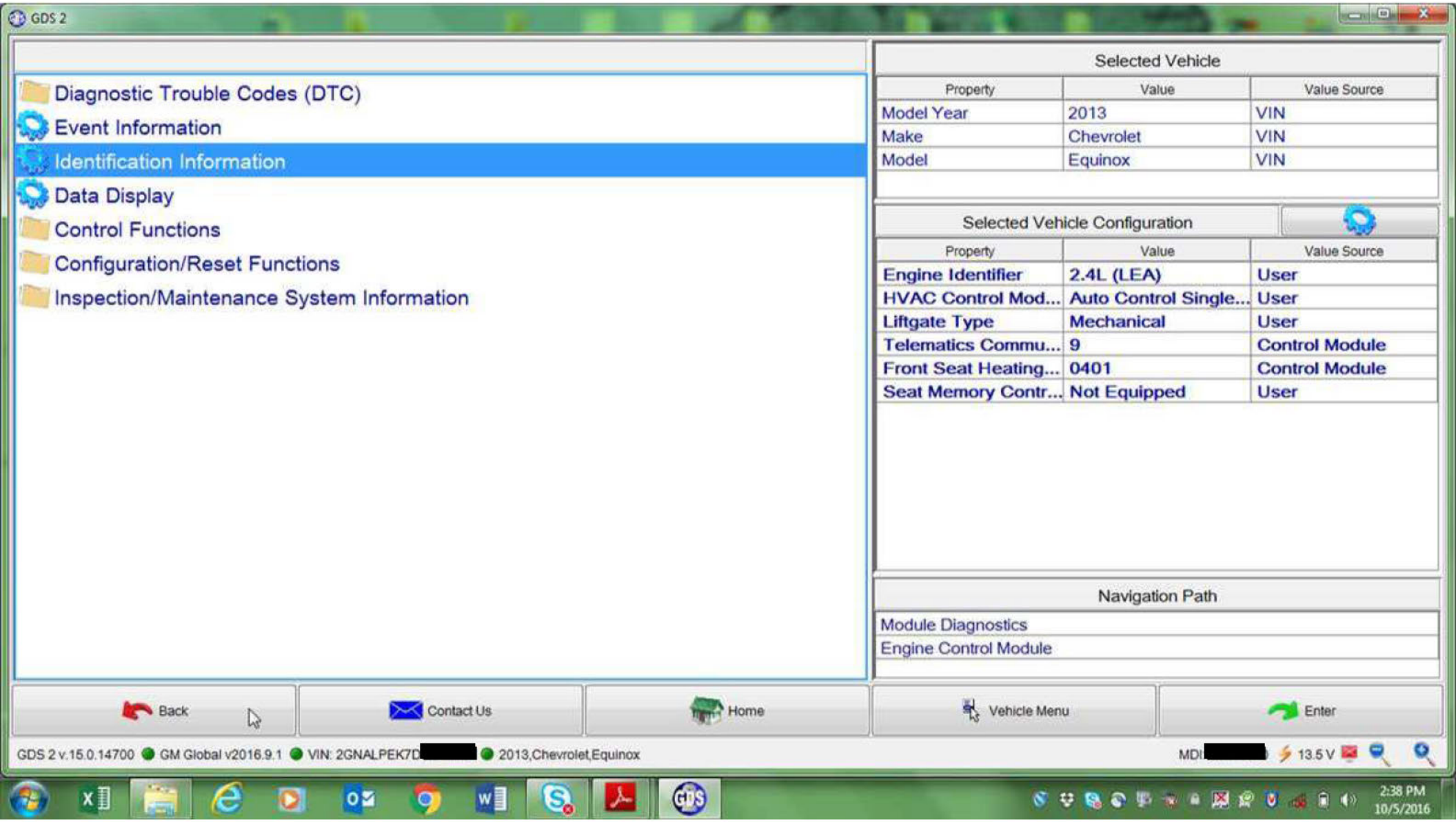
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Value
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Engine Identifier
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User
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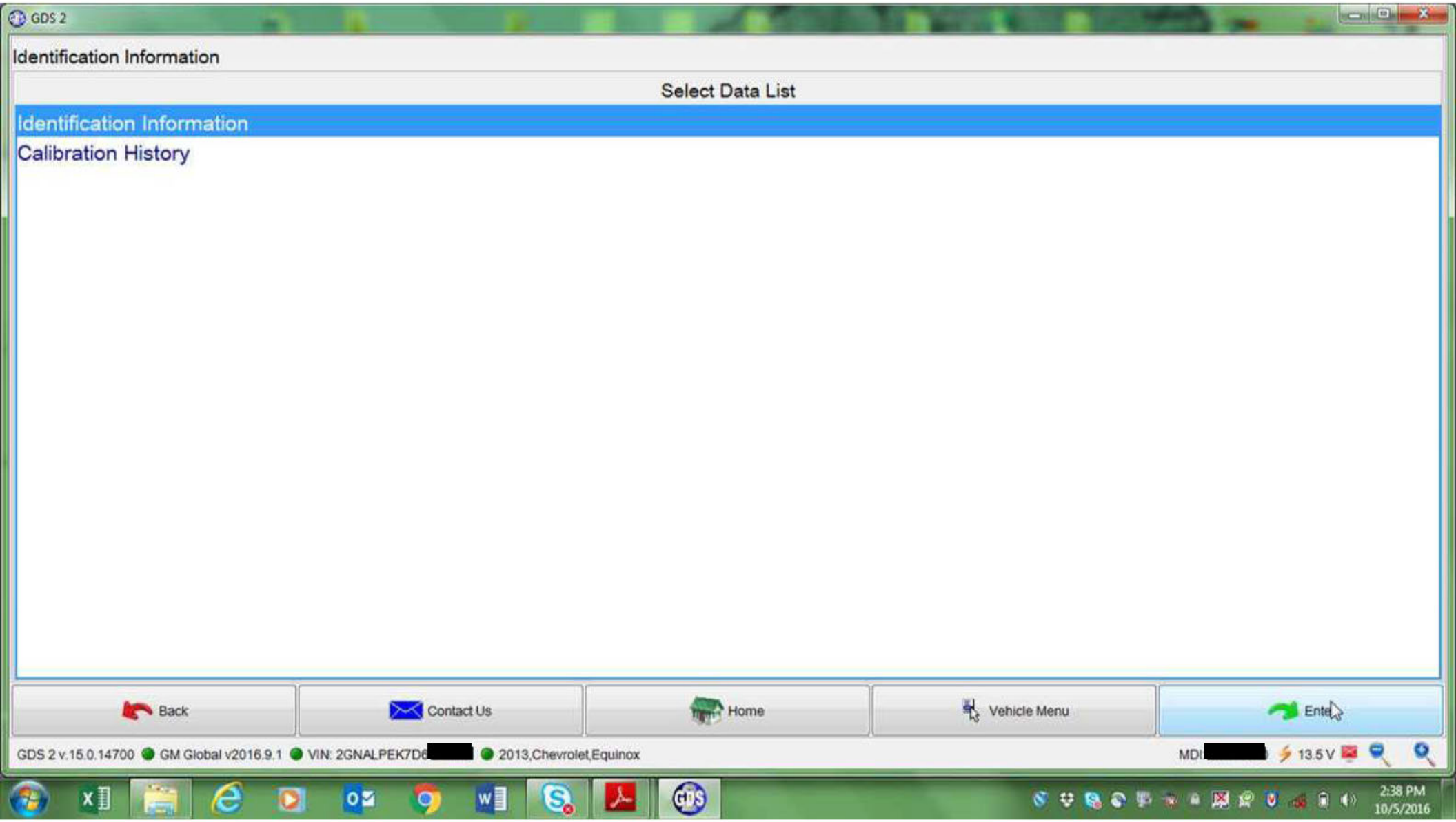
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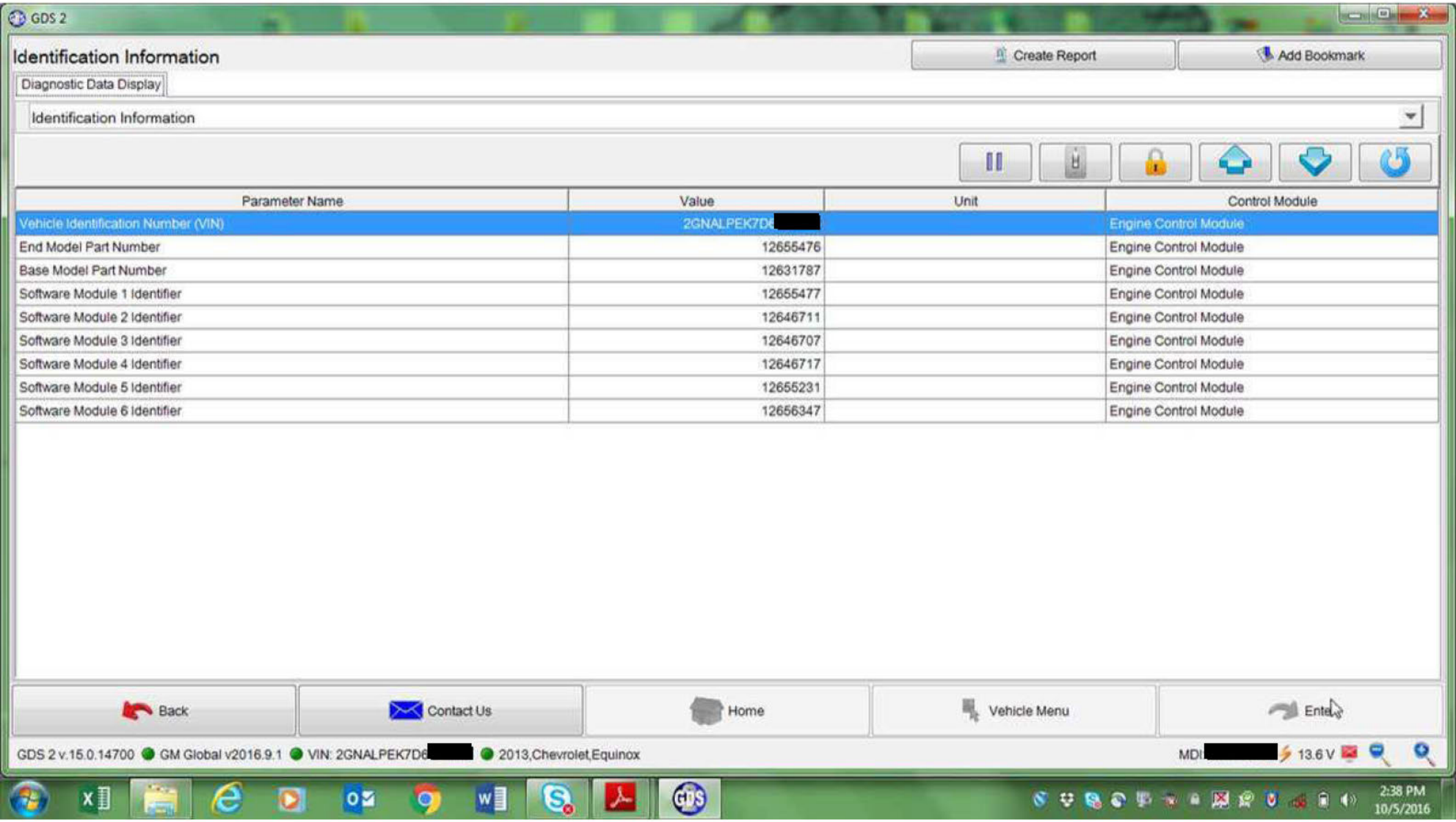
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Control Module
Vehicle Identification Number (VIN)
2GNALPEK7D6[redacted]
Engine Control Module
End Model Part Number
12655476
Engine Control Module
Base Model Part Number
12631787
Engine Control Module
Software Module 1 Identifier
12655477
Engine Control Module
Software Module 2 Identifier
12646711
Engine Control Module
Software Module 3 Identifier
12646707
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12646717
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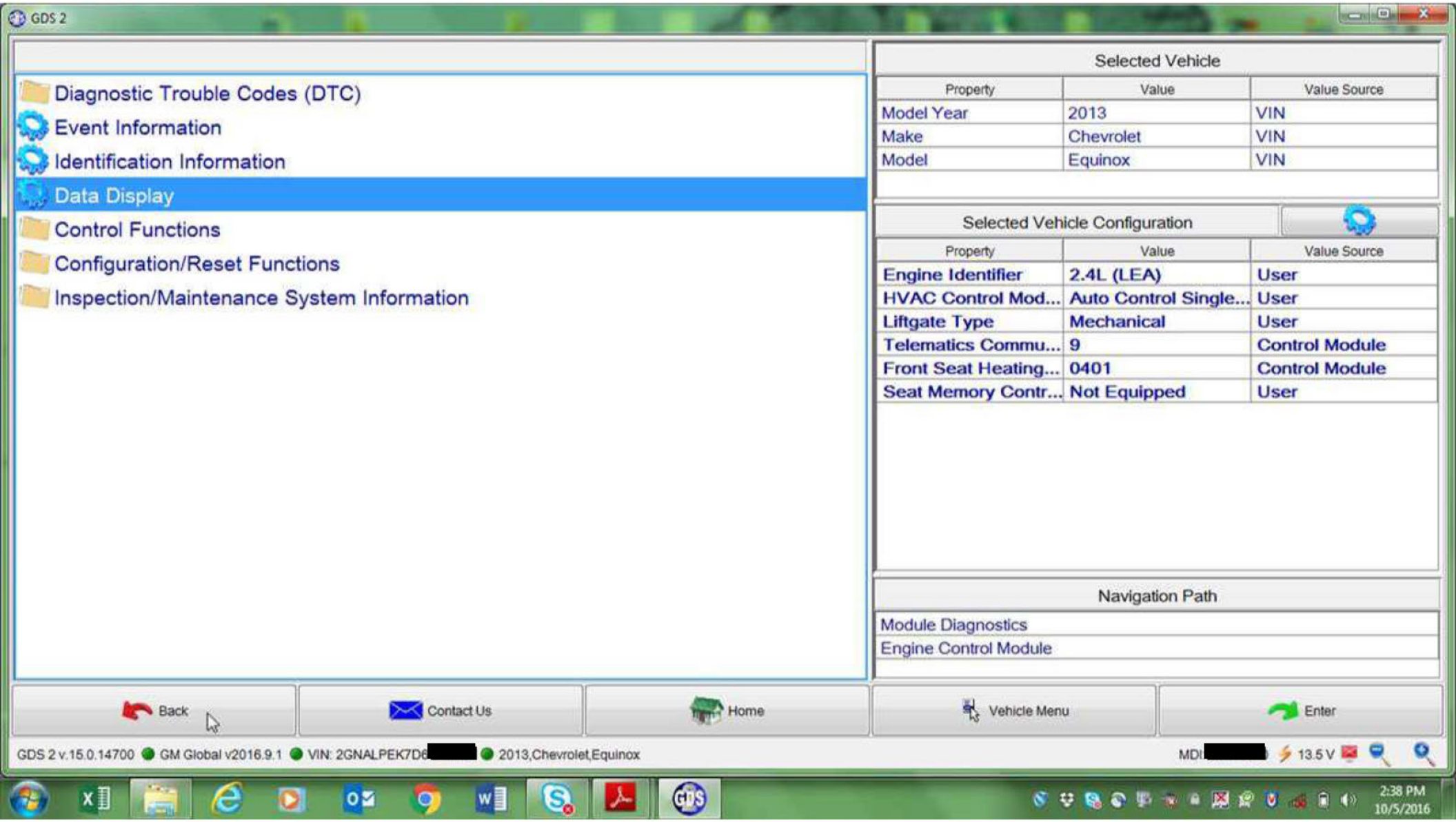
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Value Source
Engine Identifier
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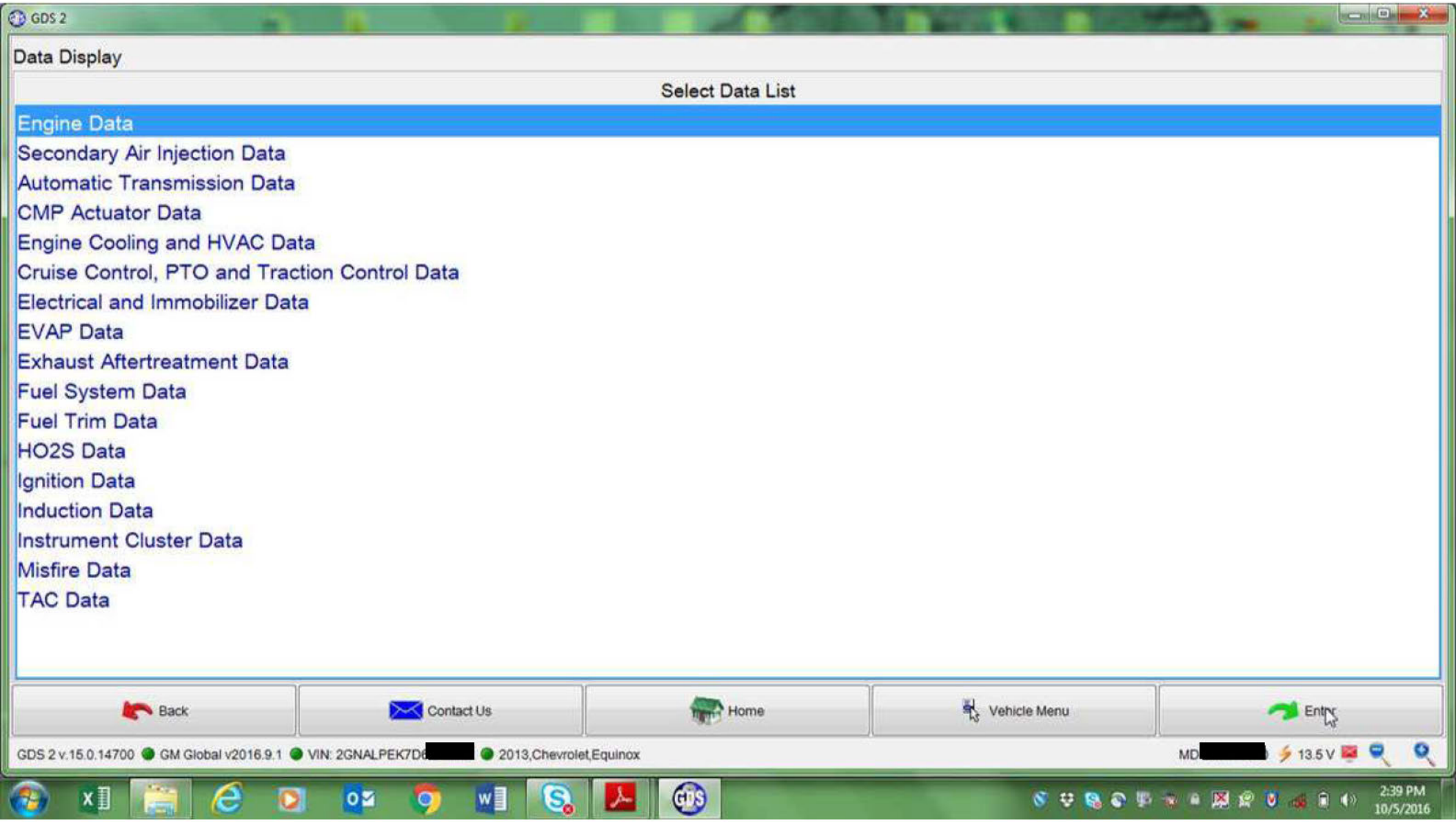
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CMP Actuator Data
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Cruise Control, PTO and Traction Control Data
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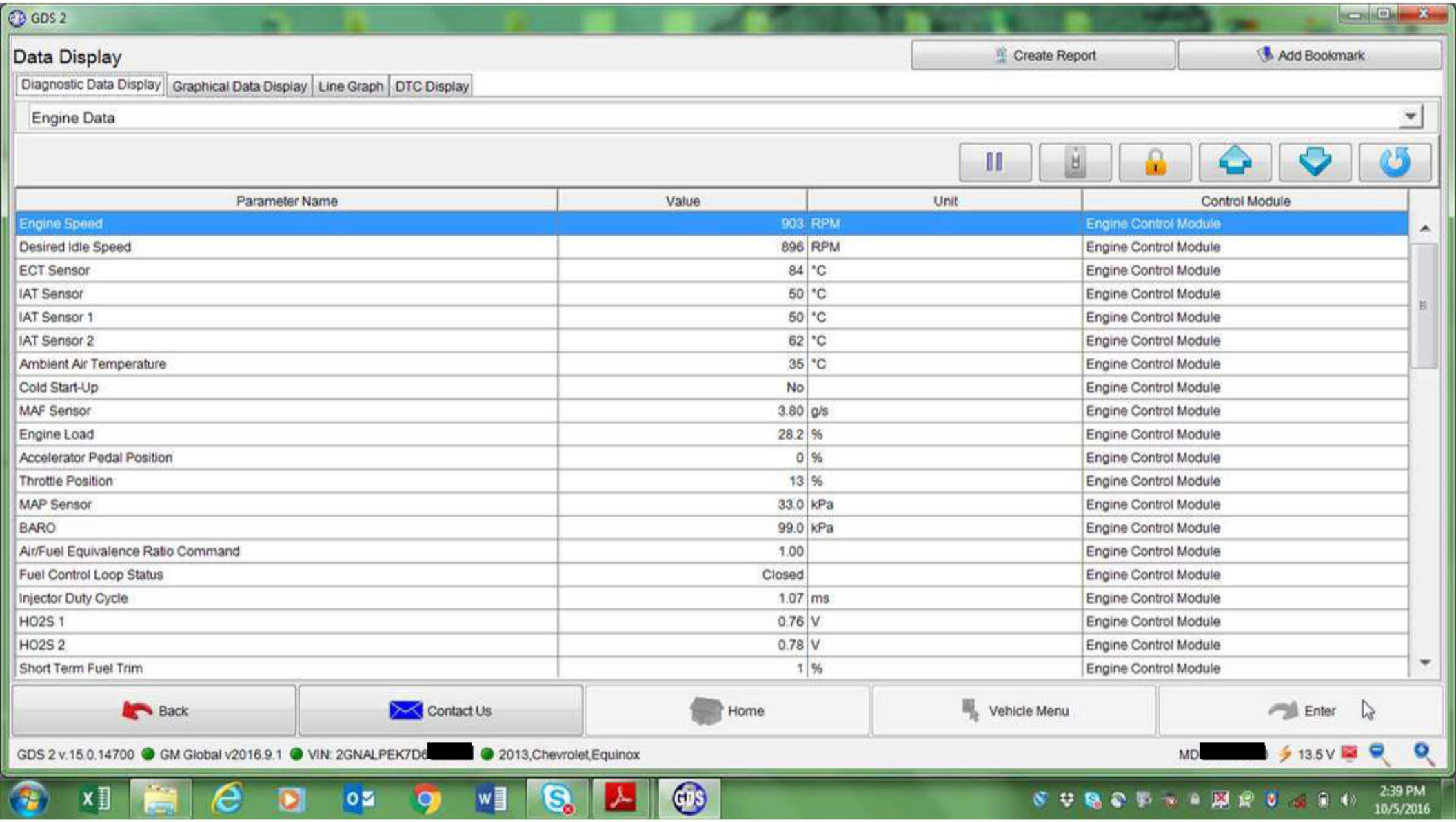
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Engine Speed 903 RPM Engine Control Module
Desired Idle Speed 896 RPM Engine Control Module
ECT Sensor 84 °C Engine Control Module
IAT Sensor 50 °C Engine Control Module
IAT Sensor 1 50 °C Engine Control Module
IAT Sensor 2 62 °C Engine Control Module
Ambient Air Temperature 35 °C Engine Control Module
Cold Start-Up No Engine Control Module
MAF Sensor 3.80 g/s Engine Control Module
Engine Load 28.2 % Engine Control Module
Accelerator Pedal Position 0 % Engine Control Module
Throttle Position 13 % Engine Control Module
MAP Sensor 33.0 kPa Engine Control Module
BARO 99.0 kPa Engine Control Module
Air/Fuel Equivalence Ratio Command 1.00 Engine Control Module
Fuel Control Loop Status Closed Engine Control Module
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HO2S 1 0.76 V Engine Control Module
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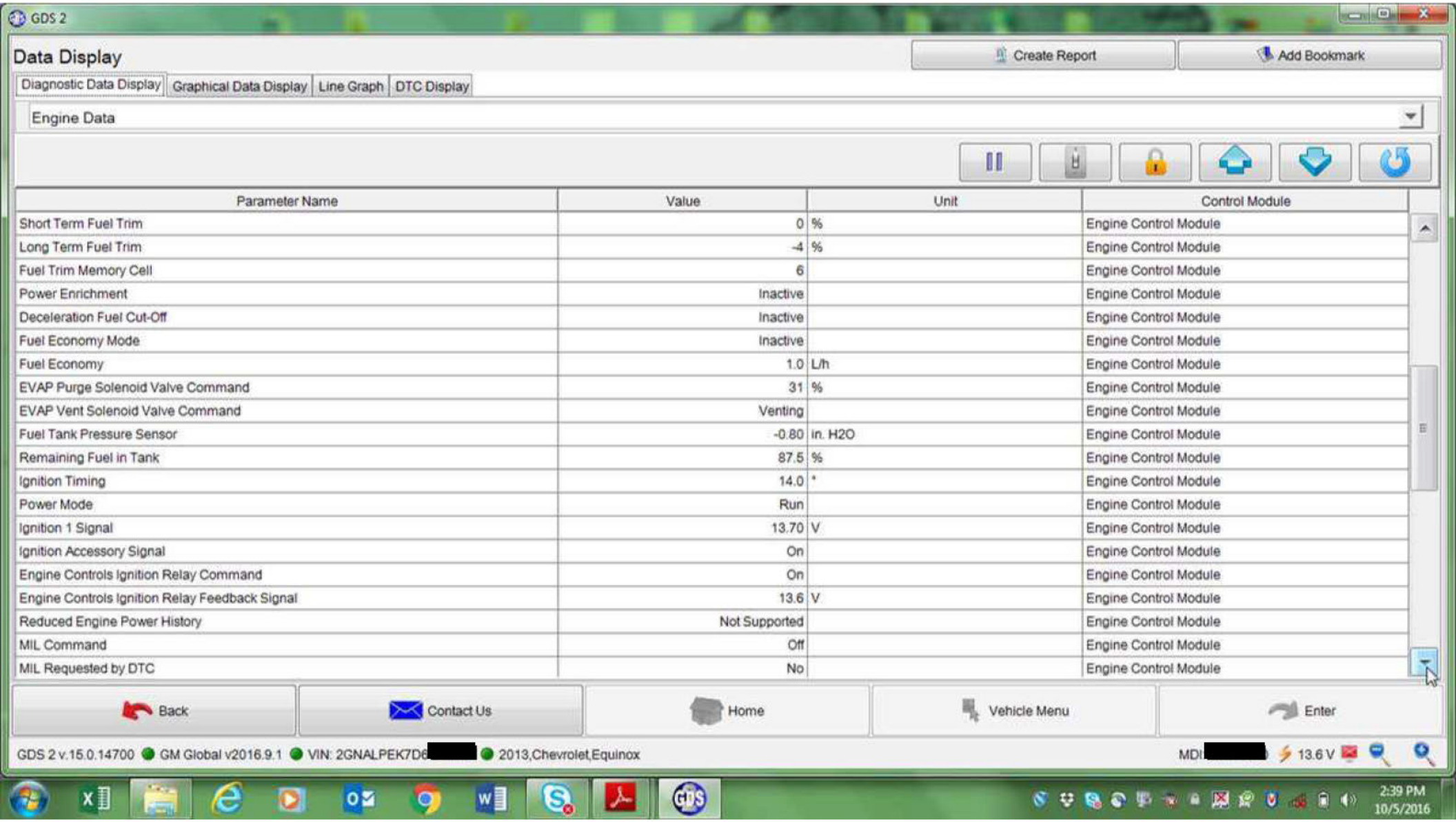
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Remaining Fuel in Tank 87.5 % Engine Control Module
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Power Mode Run Engine Control Module
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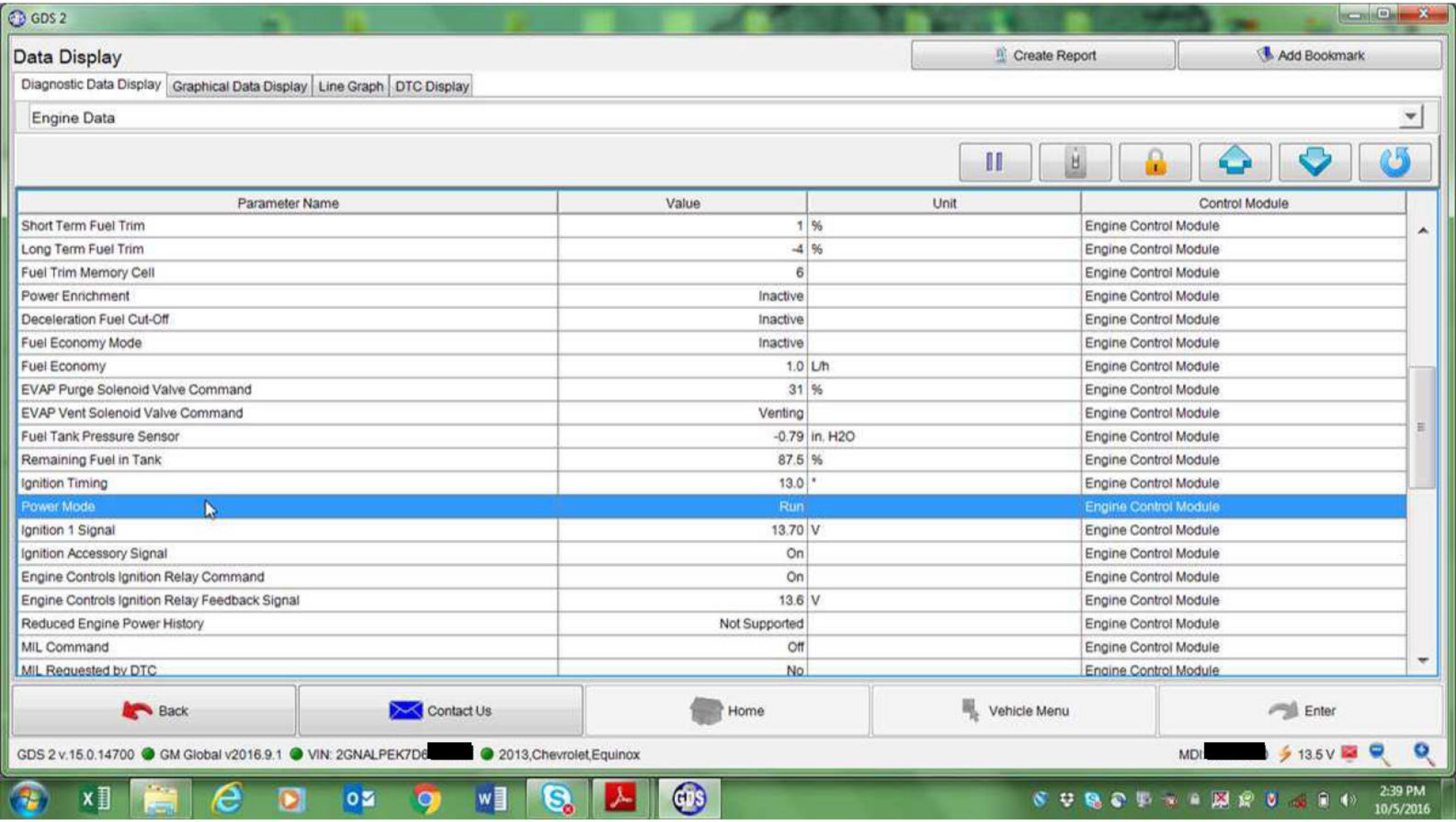
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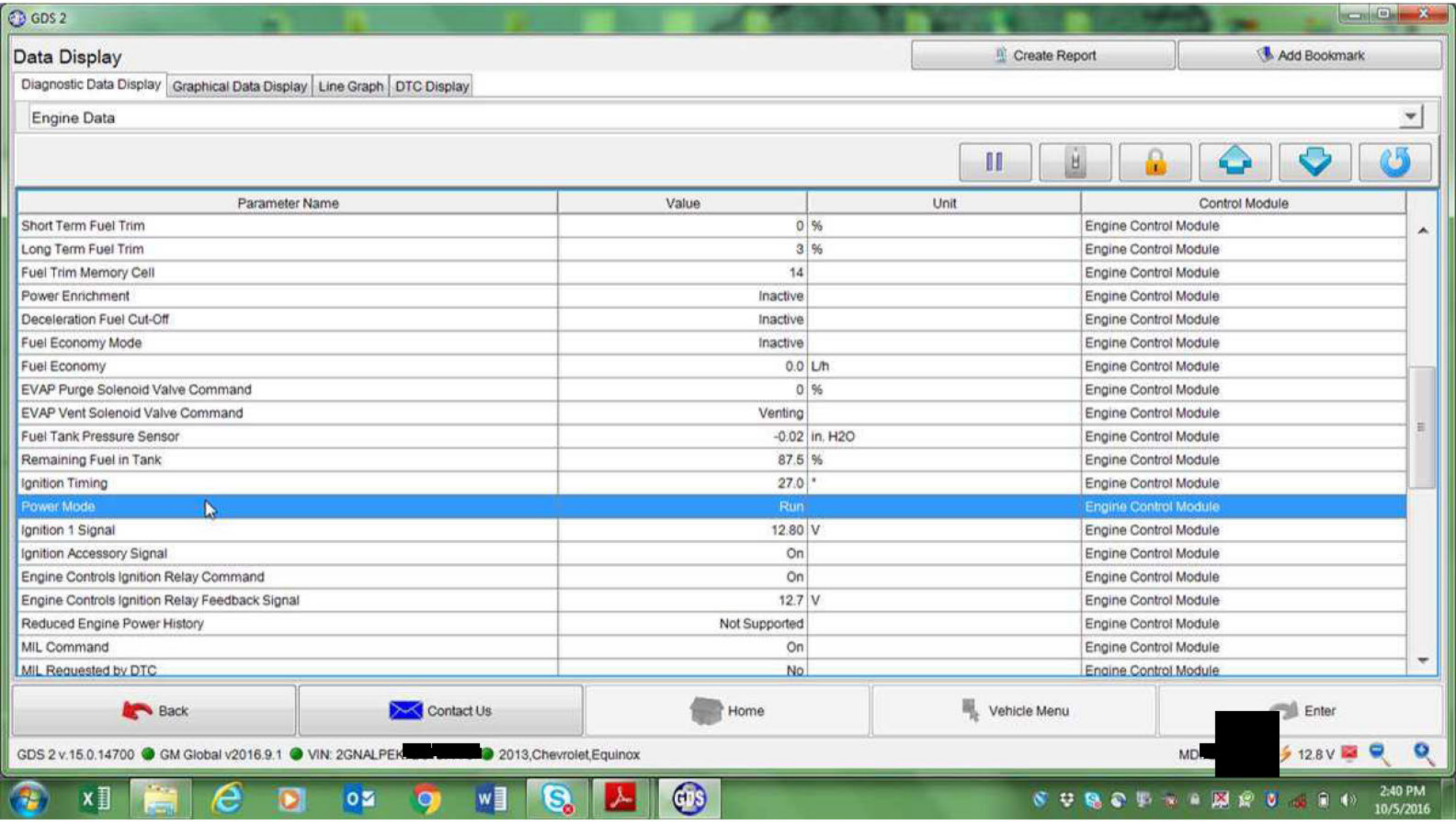
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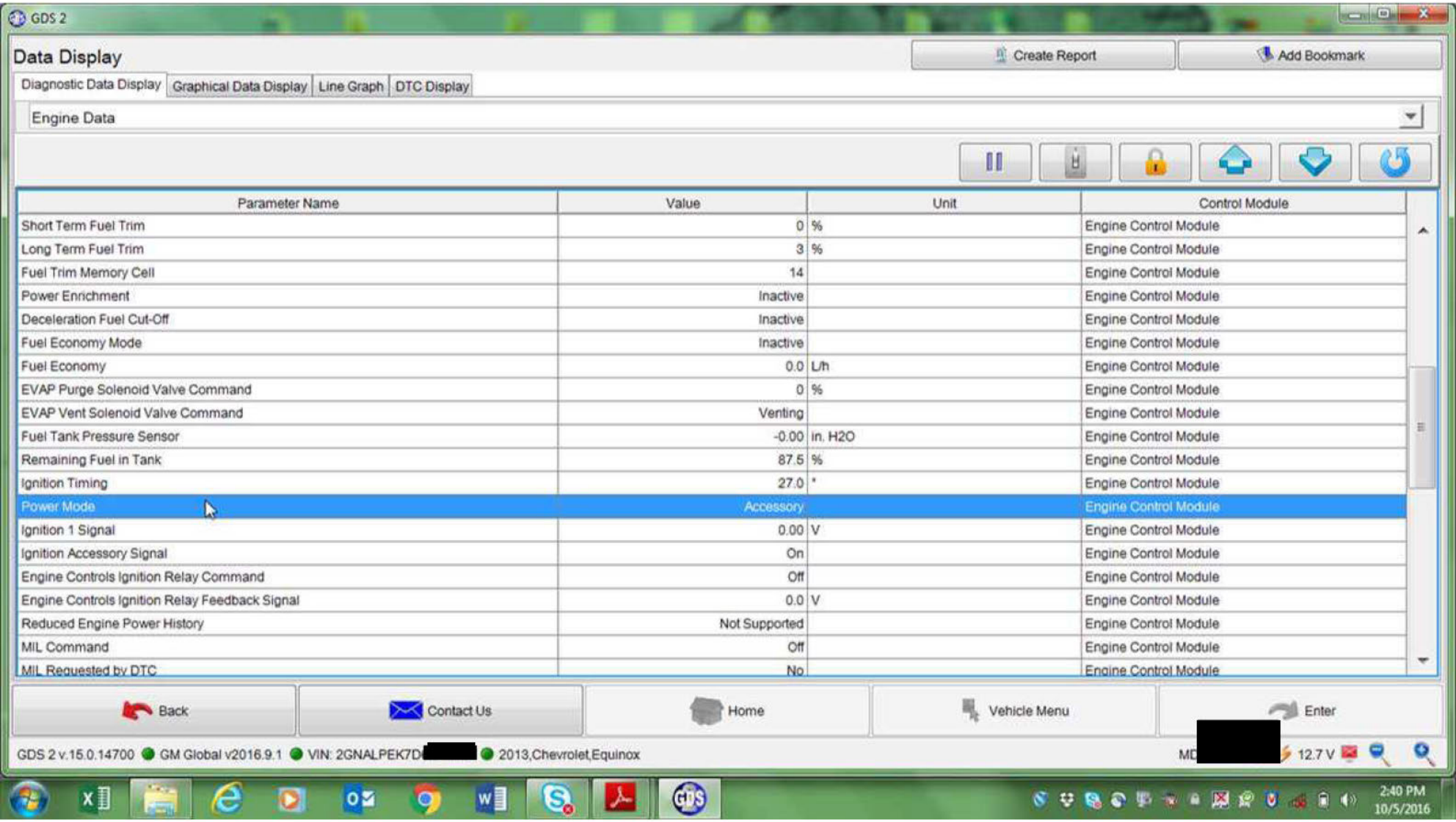
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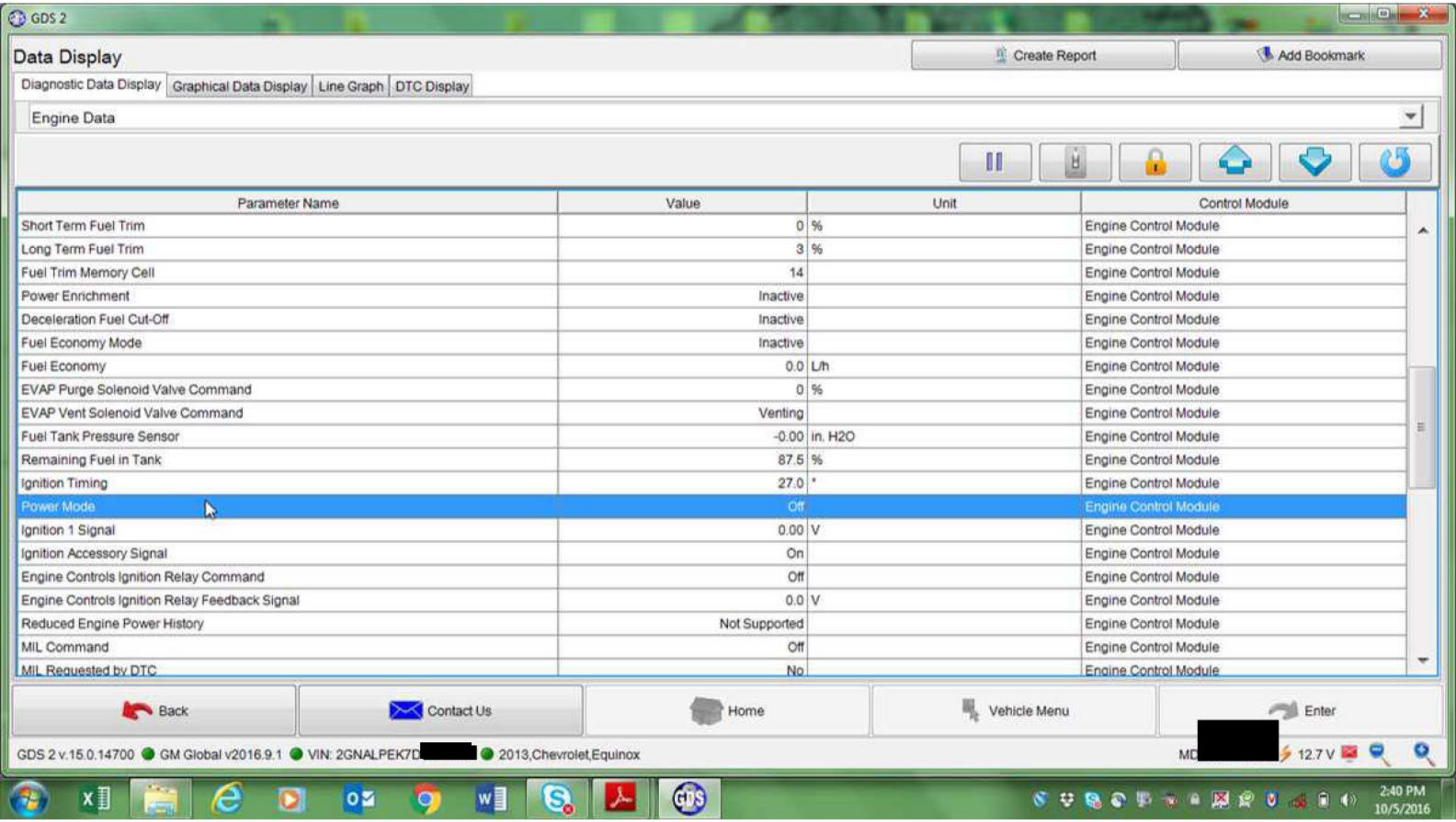
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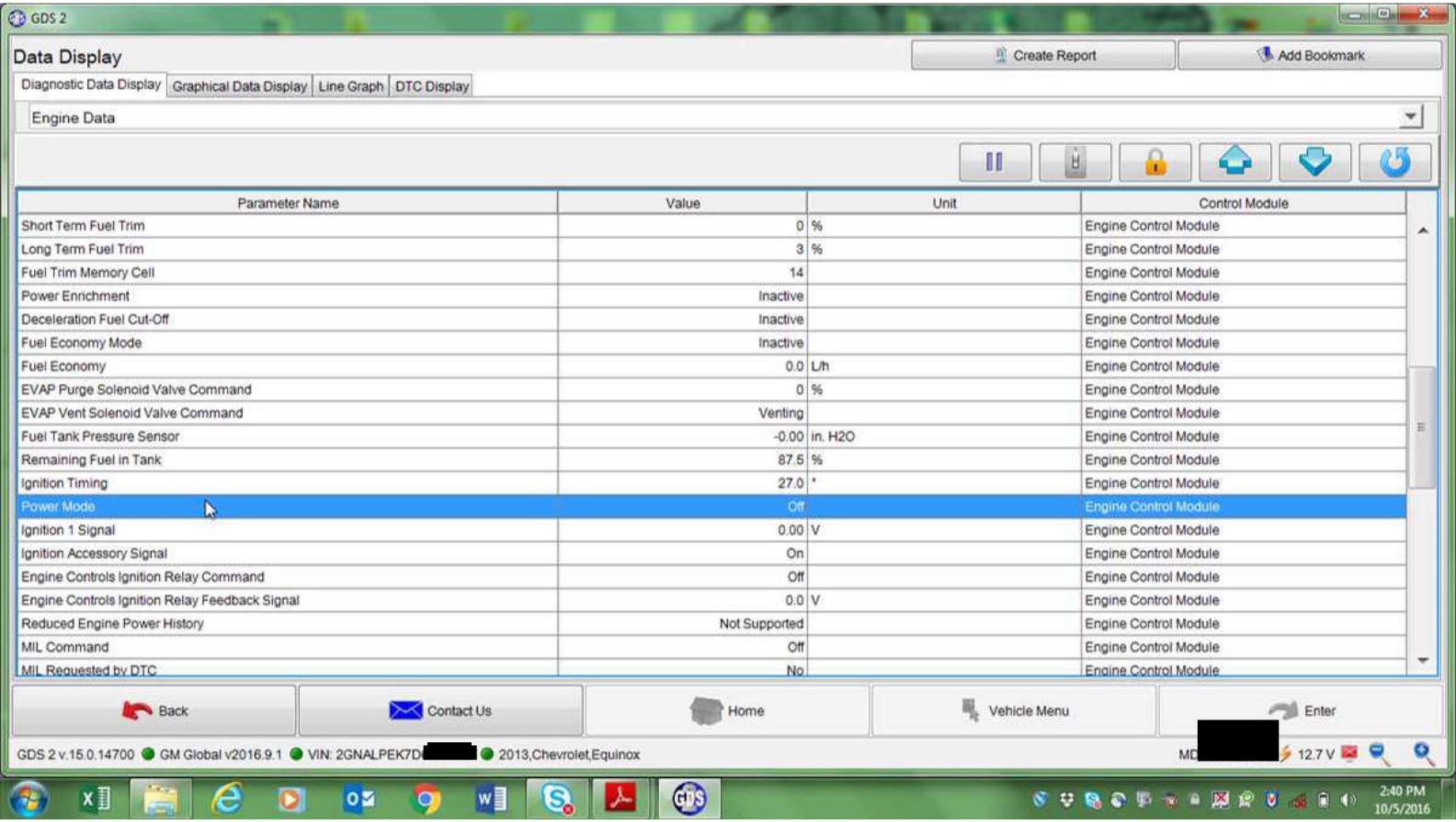
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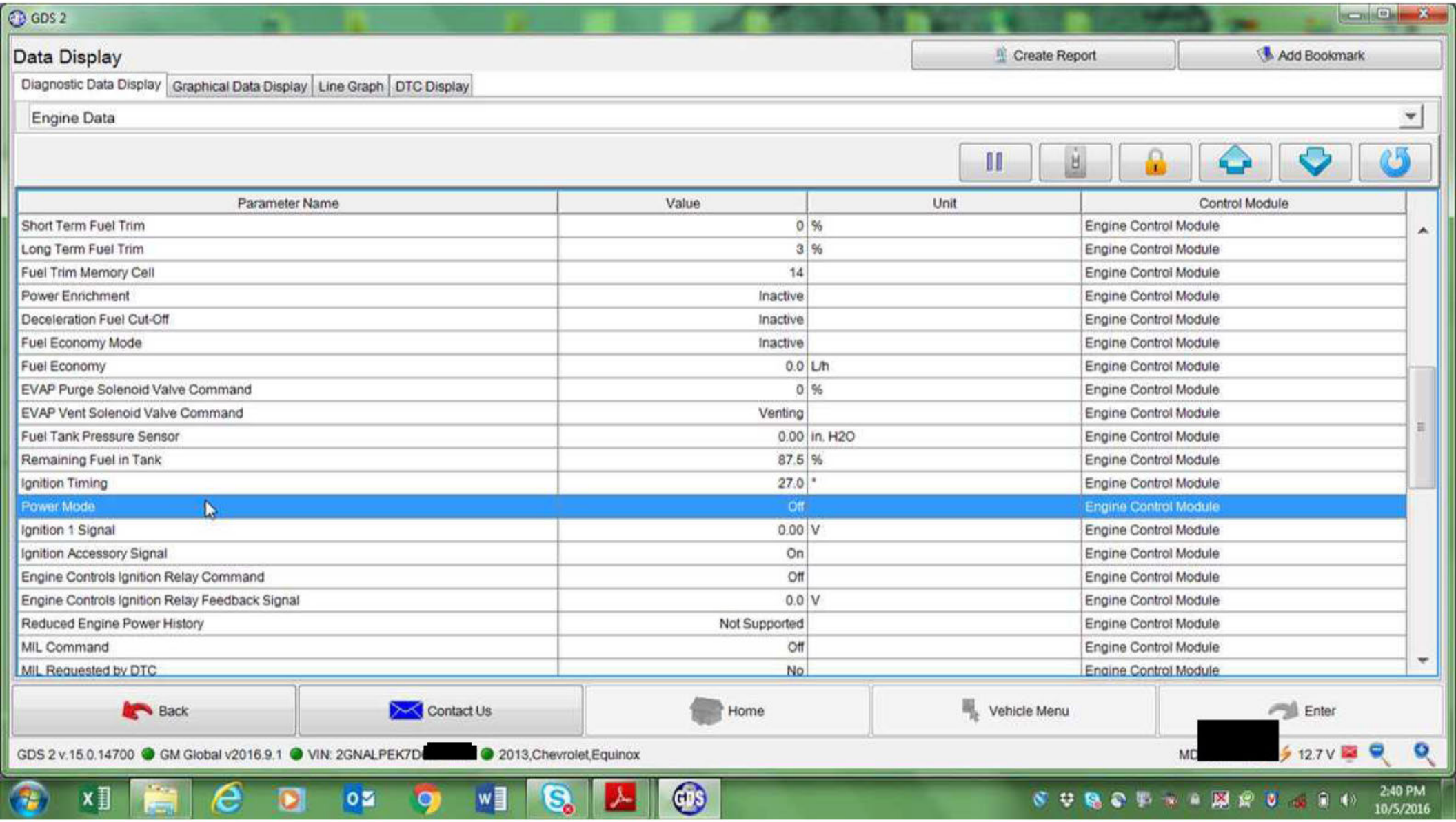
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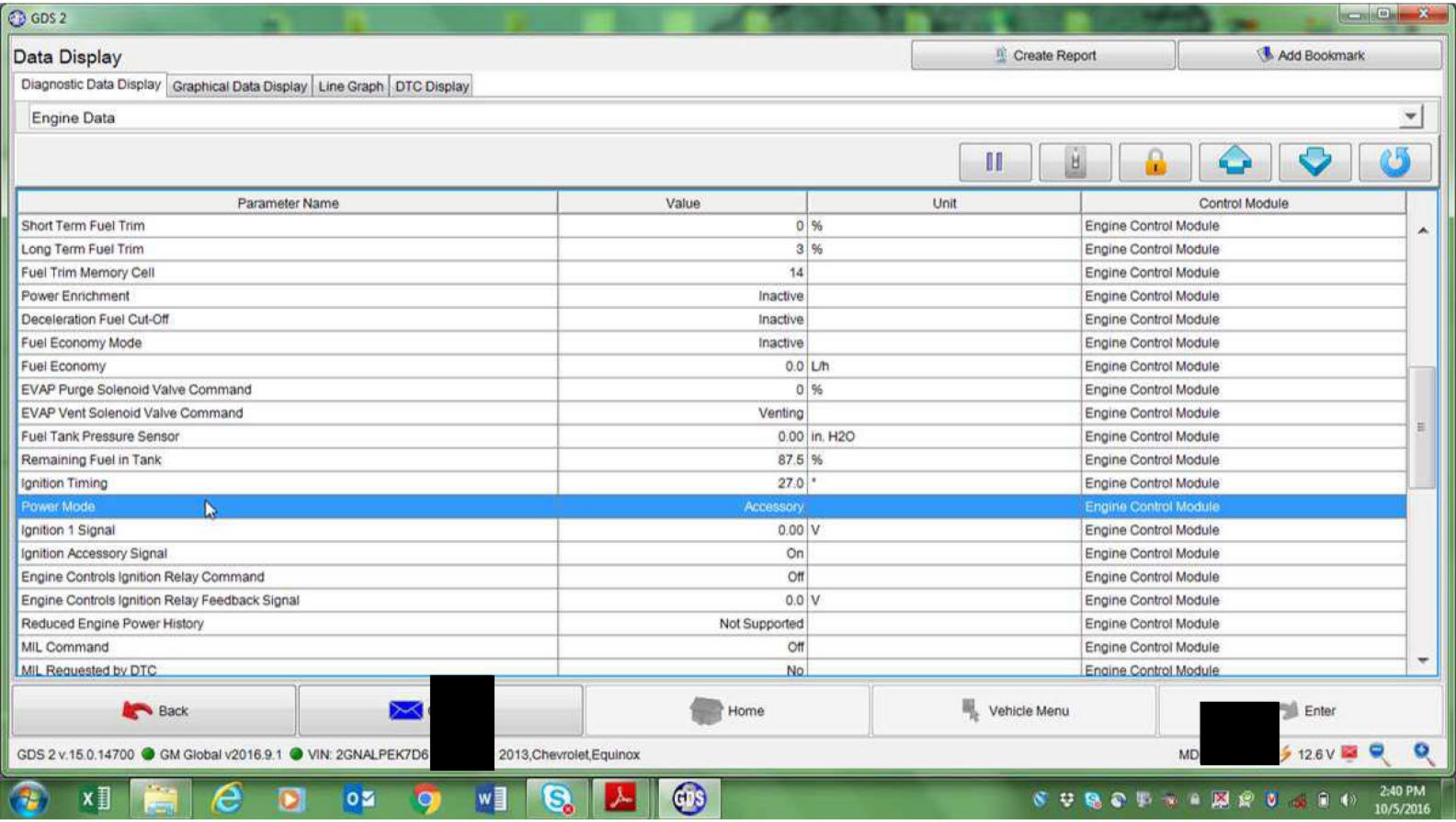
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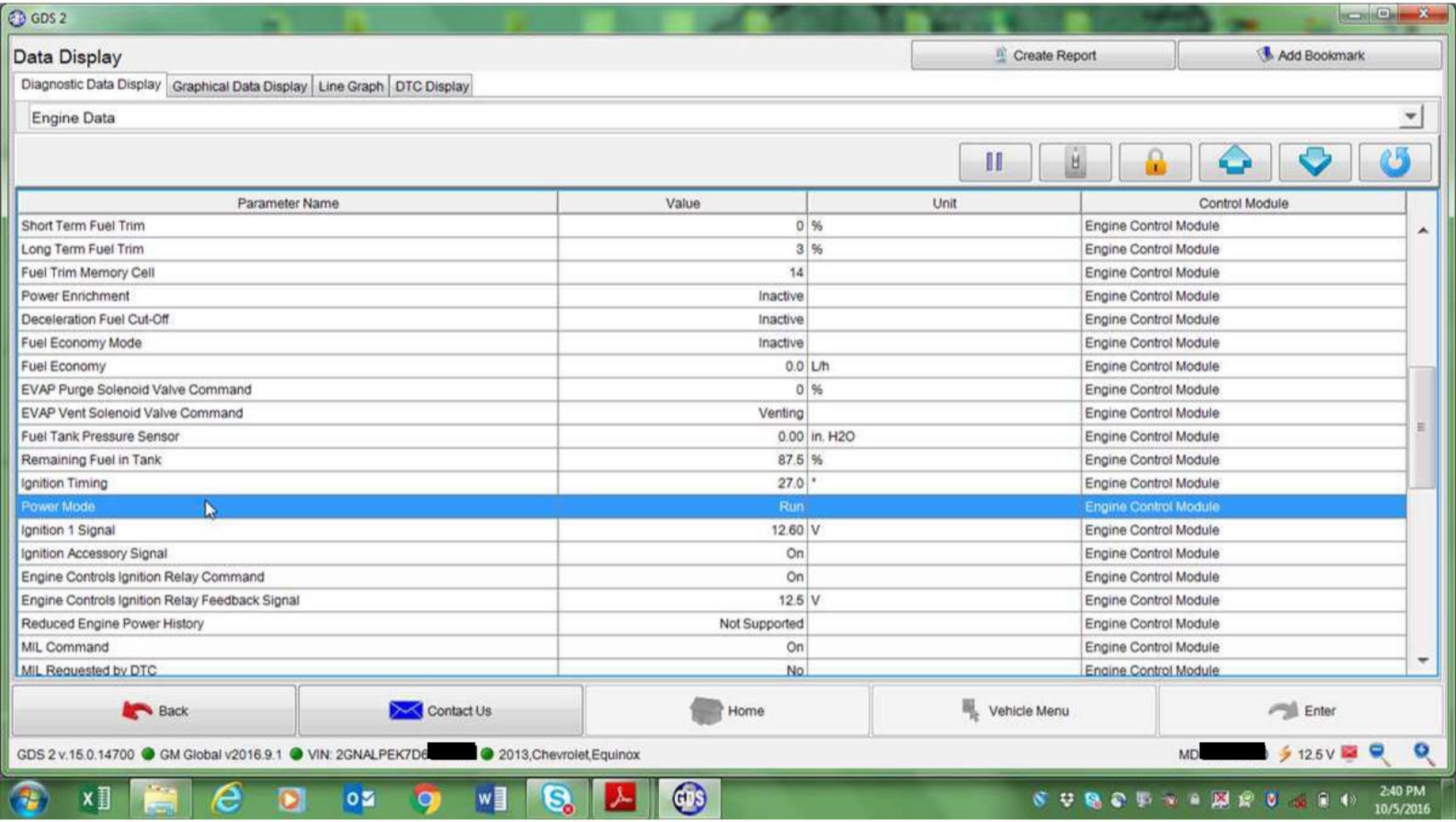
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Ignition 1 Signal 12.60 V Engine Control Module
Ignition Accessory Signal On Engine Control Module
Engine Controls Ignition Relay Command On Engine Control Module
Engine Controls Ignition Relay Feedback Signal 12.5 V Engine Control Module
Reduced Engine Power History Not Supported Engine Control Module
MIL Command On Engine Control Module
MIL Requested by DTC No Engine Control Module
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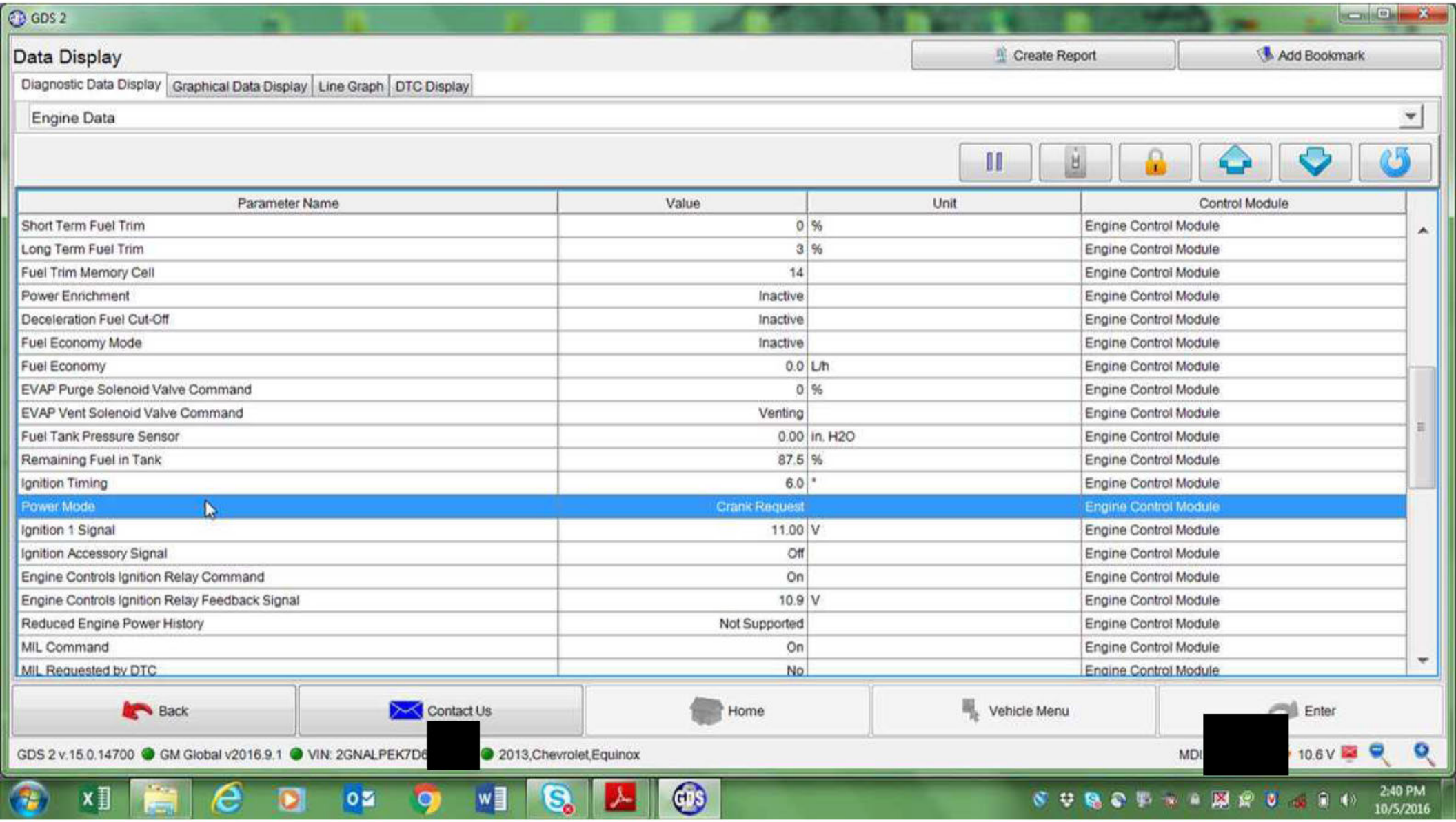
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Control Module
Short Term Fuel Trim 0 % Engine Control Module
Long Term Fuel Trim 3 % Engine Control Module
Fuel Trim Memory Cell 14 Engine Control Module
Power Enrichment Inactive Engine Control Module
Deceleration Fuel Cut-Off Inactive Engine Control Module
Fuel Economy Mode Inactive Engine Control Module
Fuel Economy 0.0 L/h Engine Control Module
EVAP Purge Solenoid Valve Command 0 % Engine Control Module
EVAP Vent Solenoid Valve Command Venting Engine Control Module
Fuel Tank Pressure Sensor 0.00 in. H2O Engine Control Module
Remaining Fuel in Tank 87.5 % Engine Control Module
Ignition Timing 6.0 ° Engine Control Module
Power Mode Crank Request Engine Control Module
Ignition 1 Signal 11.00 V Engine Control Module
Ignition Accessory Signal Off Engine Control Module
Engine Controls Ignition Relay Command On Engine Control Module
Engine Controls Ignition Relay Feedback Signal 10.9 V Engine Control Module
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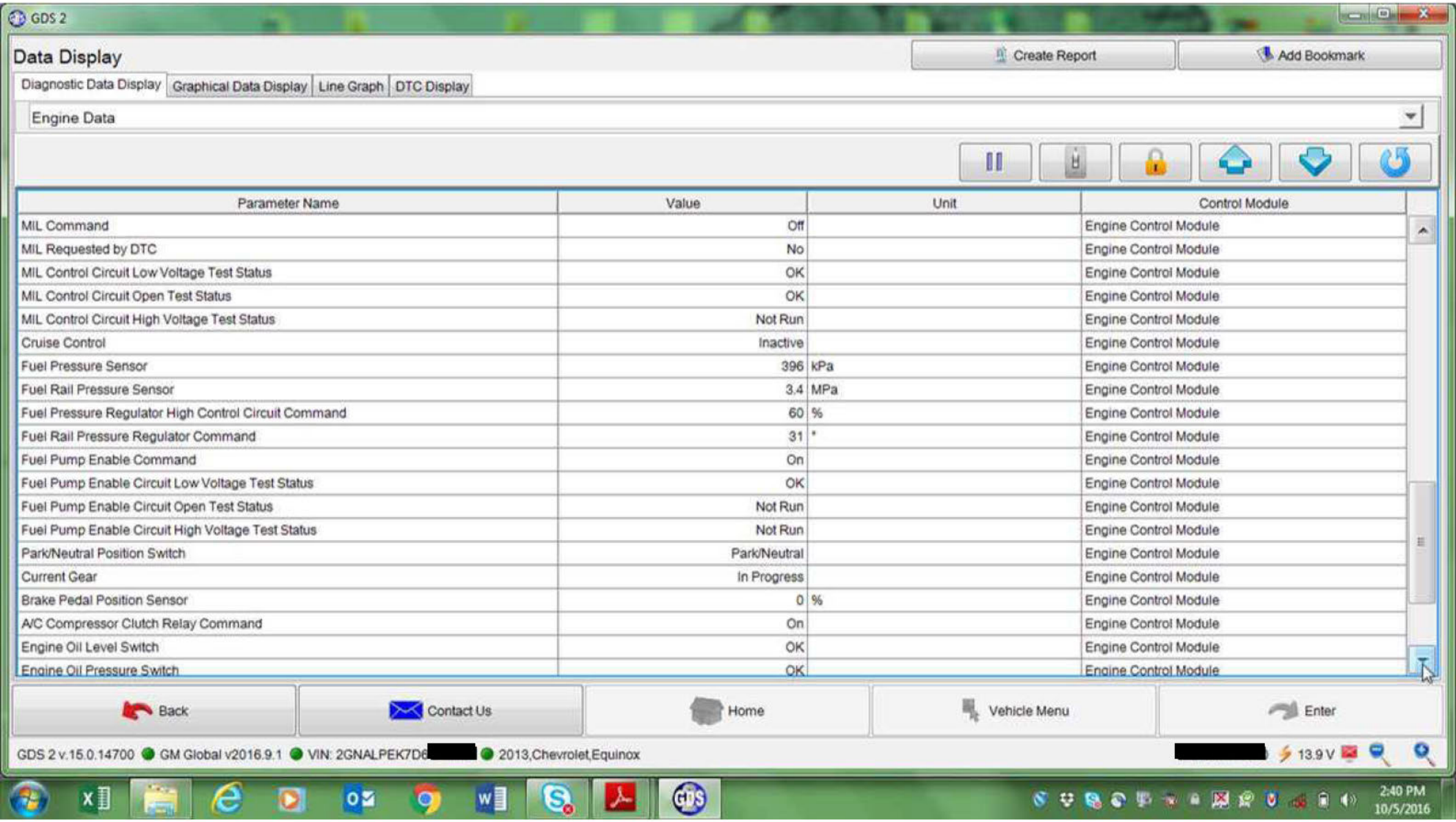
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Parameter Name
Value
Unit
Control Module
MIL Command
Off
Engine Control Module
MIL Requested by DTC
No
Engine Control Module
MIL Control Circuit Low Voltage Test Status
OK
Engine Control Module
MIL Control Circuit Open Test Status
OK
Engine Control Module
MIL Control Circuit High Voltage Test Status
Not Run
Engine Control Module
Cruise Control
Inactive
Engine Control Module
Fuel Pressure Sensor
396
kPa
Engine Control Module
Fuel Rail Pressure Sensor
3.4
MPa
Engine Control Module
Fuel Pressure Regulator High Control Circuit Command
60
%
Engine Control Module
Fuel Rail Pressure Regulator Command
31
Engine Control Module
Fuel Pump Enable Command
On
Engine Control Module
Fuel Pump Enable Circuit Low Voltage Test Status
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Engine Control Module
Fuel Pump Enable Circuit Open Test Status
Not Run
Engine Control Module
Fuel Pump Enable Circuit High Voltage Test Status
Not Run
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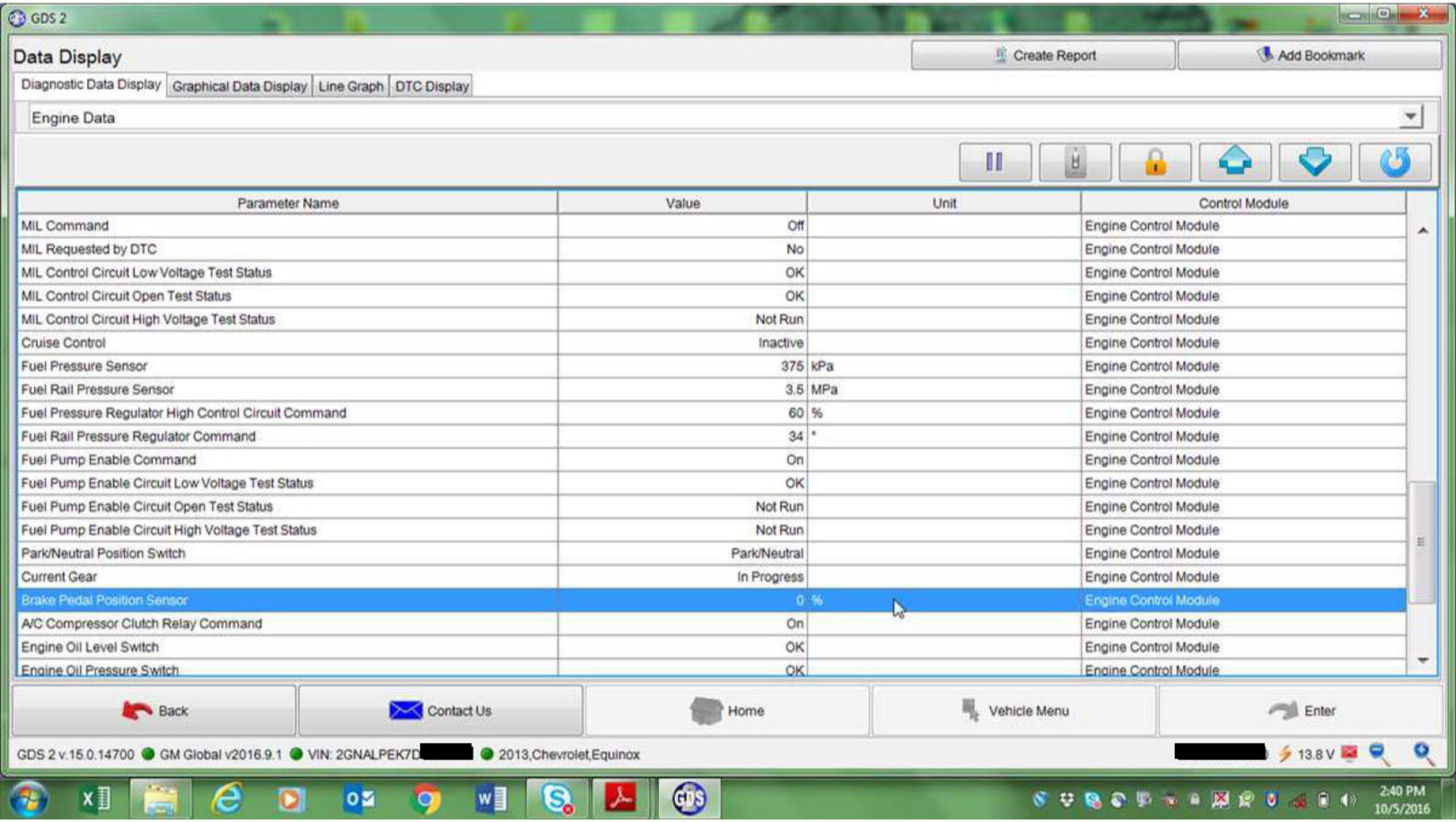
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DTC Display
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Unit
Control Module
MIL Command
Off
Engine Control Module
MIL Requested by DTC
No
Engine Control Module
MIL Control Circuit Low Voltage Test Status
OK
Engine Control Module
MIL Control Circuit Open Test Status
OK
Engine Control Module
MIL Control Circuit High Voltage Test Status
Not Run
Engine Control Module
Cruise Control
Inactive
Engine Control Module
Fuel Pressure Sensor
375
kPa
Engine Control Module
Fuel Rail Pressure Sensor
3.5
MPa
Engine Control Module
Fuel Pressure Regulator High Control Circuit Command
60
%
Engine Control Module
Fuel Rail Pressure Regulator Command
34
°
Engine Control Module
Fuel Pump Enable Command
On
Engine Control Module
Fuel Pump Enable Circuit Low Voltage Test Status
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Engine Control Module
Fuel Pump Enable Circuit Open Test Status
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Engine Control Module
Fuel Pump Enable Circuit High Voltage Test Status
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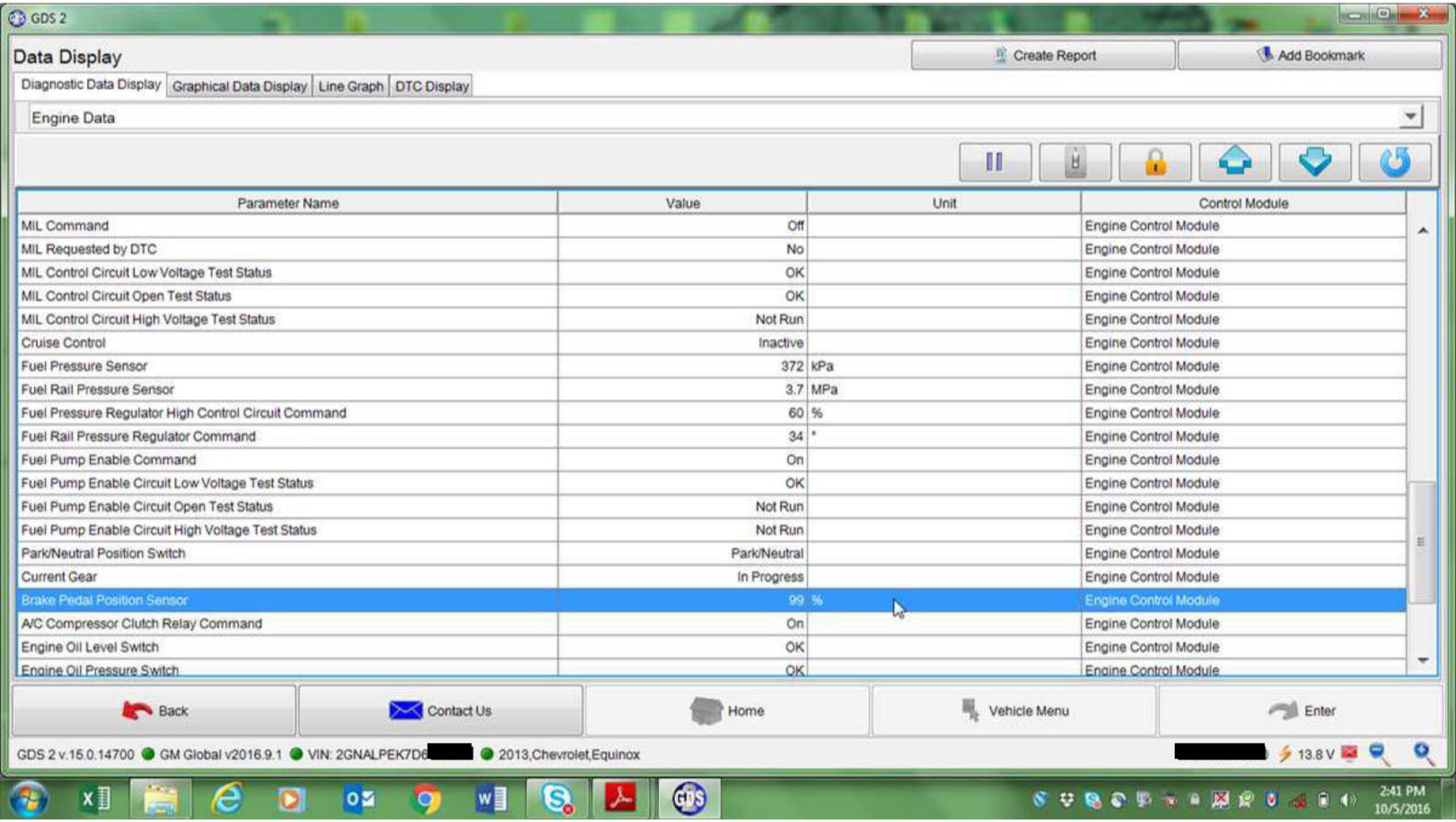
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Off
Engine Control Module
MIL Requested by DTC
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Engine Control Module
MIL Control Circuit Low Voltage Test Status
OK
Engine Control Module
MIL Control Circuit Open Test Status
OK
Engine Control Module
MIL Control Circuit High Voltage Test Status
Not Run
Engine Control Module
Cruise Control
Inactive
Engine Control Module
Fuel Pressure Sensor
372
kPa
Engine Control Module
Fuel Rail Pressure Sensor
3.7
MPa
Engine Control Module
Fuel Pressure Regulator High Control Circuit Command
60
%
Engine Control Module
Fuel Rail Pressure Regulator Command
34
°
Engine Control Module
Fuel Pump Enable Command
On
Engine Control Module
Fuel Pump Enable Circuit Low Voltage Test Status
OK
Engine Control Module
Fuel Pump Enable Circuit Open Test Status
Not Run
Engine Control Module
Fuel Pump Enable Circuit High Voltage Test Status
Not Run
Engine Control Module
Park/Neutral Position Switch
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Engine Control Module
Current Gear
In Progress
Engine Control Module
Brake Pedal Position Sensor
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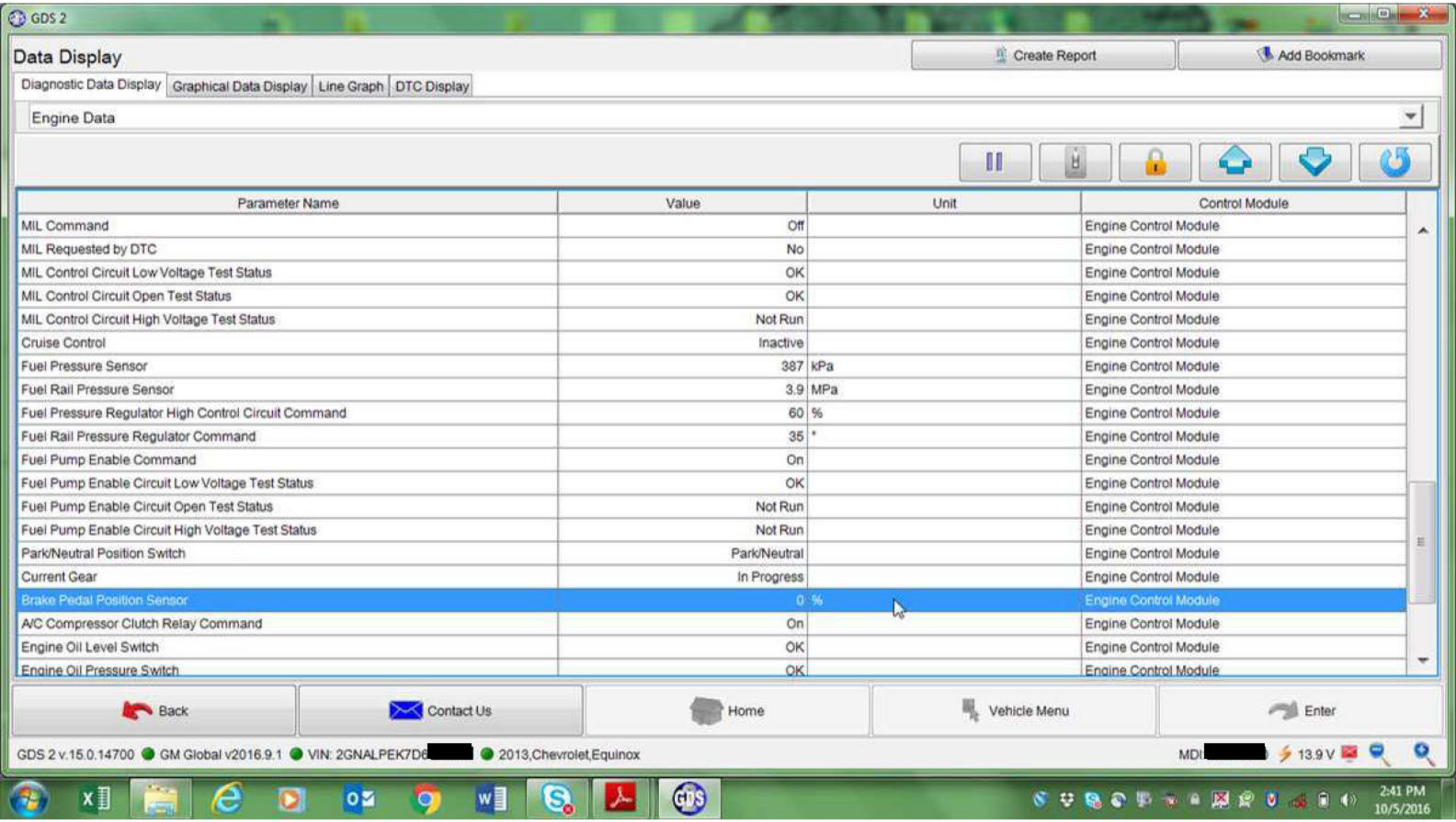
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Graphical Data Display
Line Graph
DTC Display
Engine Data
Parameter Name
Value
Unit
Control Module
MIL Command
Off
Engine Control Module
MIL Requested by DTC
No
Engine Control Module
MIL Control Circuit Low Voltage Test Status
OK
Engine Control Module
MIL Control Circuit Open Test Status
OK
Engine Control Module
MIL Control Circuit High Voltage Test Status
Not Run
Engine Control Module
Cruise Control
Inactive
Engine Control Module
Fuel Pressure Sensor
387
kPa
Engine Control Module
Fuel Rail Pressure Sensor
3.9
MPa
Engine Control Module
Fuel Pressure Regulator High Control Circuit Command
60
%
Engine Control Module
Fuel Rail Pressure Regulator Command
35
Engine Control Module
Fuel Pump Enable Command
On
Engine Control Module
Fuel Pump Enable Circuit Low Voltage Test Status
OK
Engine Control Module
Fuel Pump Enable Circuit Open Test Status
Not Run
Engine Control Module
Fuel Pump Enable Circuit High Voltage Test Status
Not Run
Engine Control Module
Park/Neutral Position Switch
Park/Neutral
Engine Control Module
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Engine Control Module
Brake Pedal Position Sensor
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Engine Control Module
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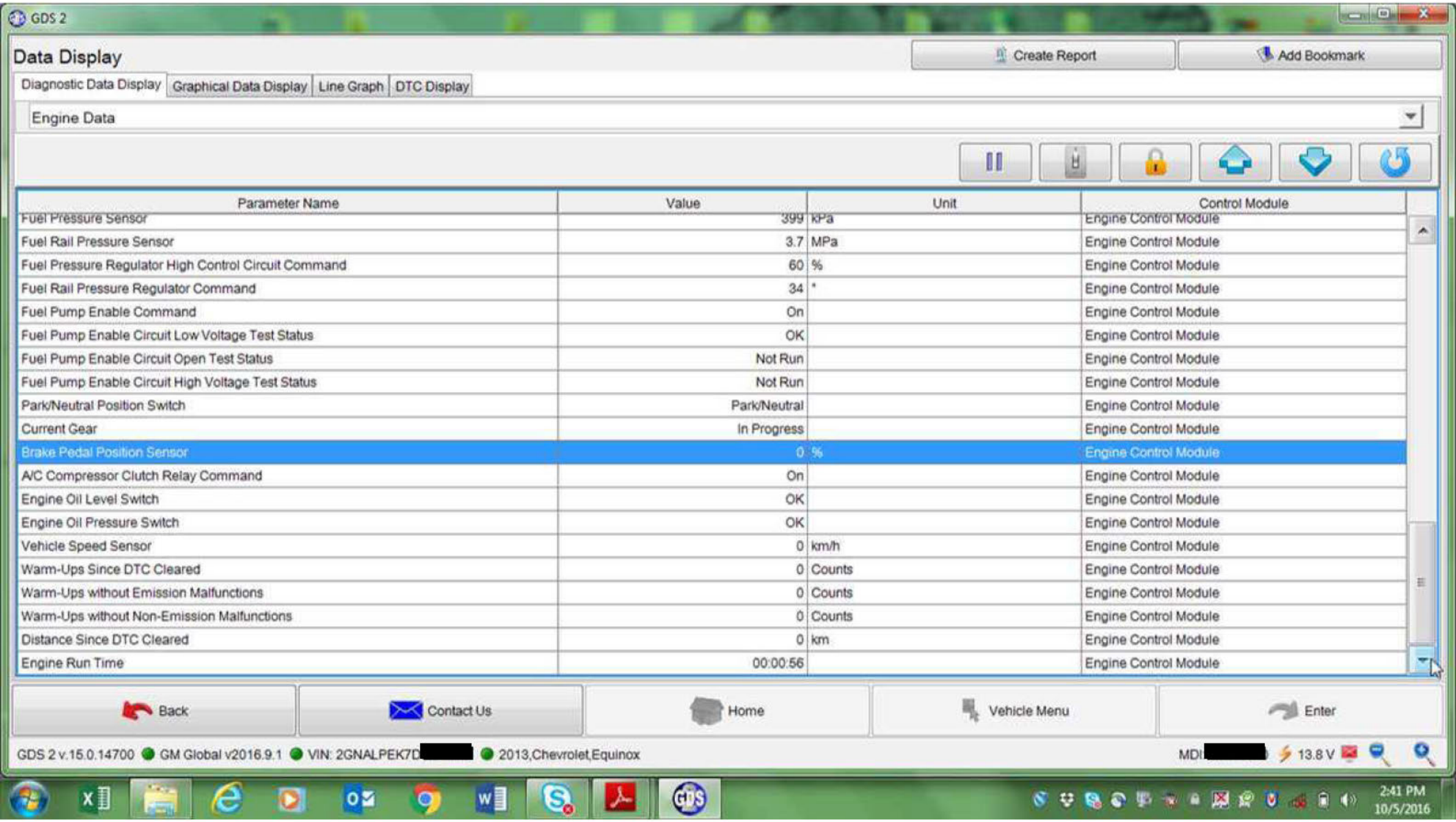
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Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
Engine Data
Parameter Name
Value
Unit
Control Module
Fuel Pressure Sensor
399
kPa
Engine Control Module
Fuel Rail Pressure Sensor
3.7
MPa
Engine Control Module
Fuel Pressure Regulator High Control Circuit Command
60
%
Engine Control Module
Fuel Rail Pressure Regulator Command
34
*
Engine Control Module
Fuel Pump Enable Command
On
Engine Control Module
Fuel Pump Enable Circuit Low Voltage Test Status
OK
Engine Control Module
Fuel Pump Enable Circuit Open Test Status
Not Run
Engine Control Module
Fuel Pump Enable Circuit High Voltage Test Status
Not Run
Engine Control Module
Park/Neutral Position Switch
Park/Neutral
Engine Control Module
Current Gear
In Progress
Engine Control Module
Brake Pedal Position Sensor
0
%
Engine Control Module
A/C Compressor Clutch Relay Command
On
Engine Control Module
Engine Oil Level Switch
OK
Engine Control Module
Engine Oil Pressure Switch
OK
Engine Control Module
Vehicle Speed Sensor
0
km/h
Engine Control Module
Warm-Ups Since DTC Cleared
0
Counts
Engine Control Module
Warm-Ups without Emission Malfunctions
0
Counts
Engine Control Module
Warm-Ups without Non-Emission Malfunctions
0
Counts
Engine Control Module
Distance Since DTC Cleared
0
km
Engine Control Module
Engine Run Time
00:00:56
Engine Control Module
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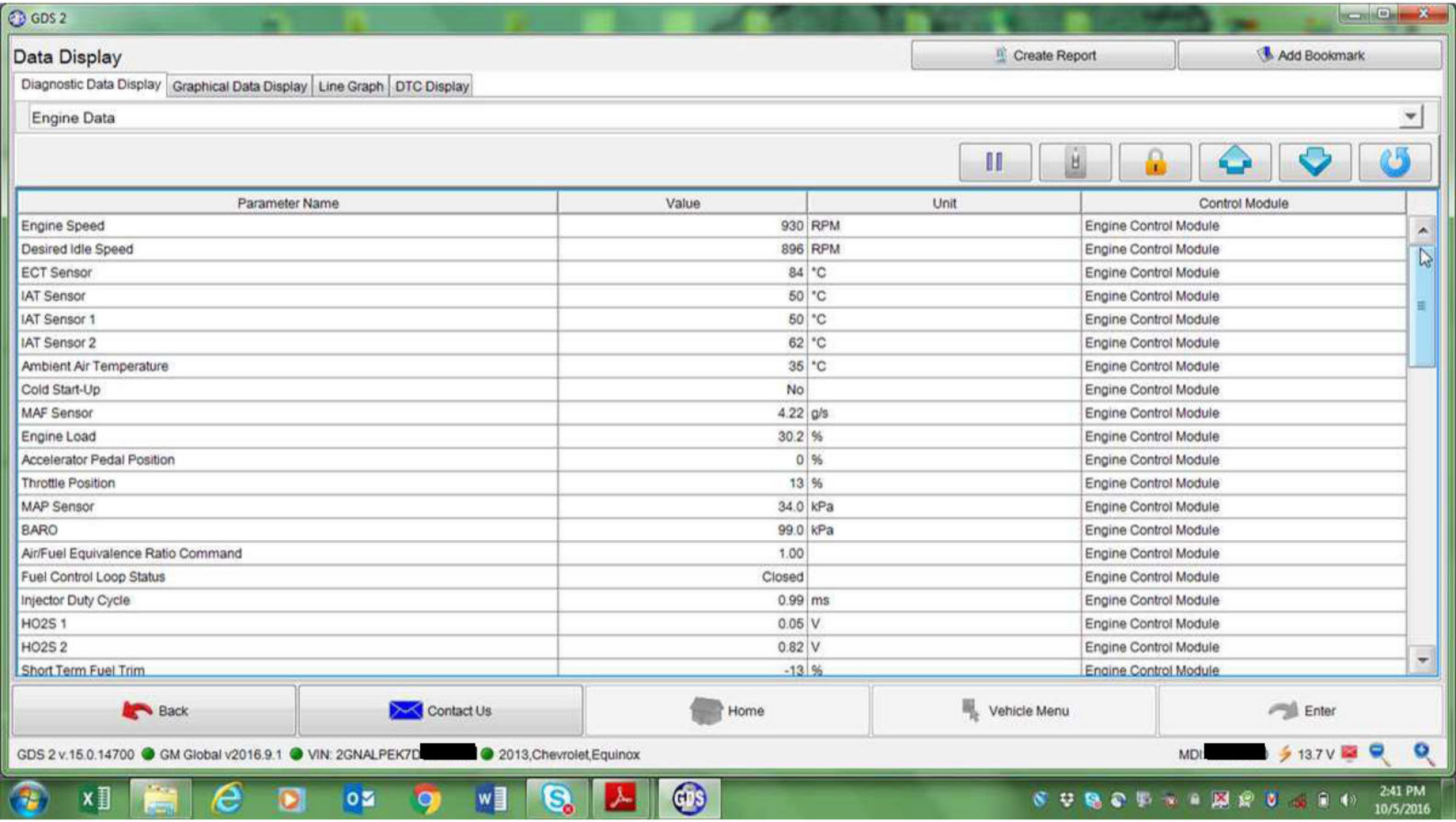
GDS 2
Data Display
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Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
Engine Data
Parameter Name
Value
Unit
Control Module
Engine Speed 930 RPM Engine Control Module
Desired Idle Speed 896 RPM Engine Control Module
ECT Sensor 84 °C Engine Control Module
IAT Sensor 50 °C Engine Control Module
IAT Sensor 1 50 °C Engine Control Module
IAT Sensor 2 62 °C Engine Control Module
Ambient Air Temperature 35 °C Engine Control Module
Cold Start-Up No Engine Control Module
MAF Sensor 4.22 g/s Engine Control Module
Engine Load 30.2 % Engine Control Module
Accelerator Pedal Position 0 % Engine Control Module
Throttle Position 13 % Engine Control Module
MAP Sensor 34.0 kPa Engine Control Module
BARO 99.0 kPa Engine Control Module
Air/Fuel Equivalence Ratio Command 1.00 Engine Control Module
Fuel Control Loop Status Closed Engine Control Module
Injector Duty Cycle 0.99 ms Engine Control Module
HO2S 1 0.05 V Engine Control Module
HO2S 2 0.82 V Engine Control Module
Short Term Fuel Trim -13 % Engine Control Module
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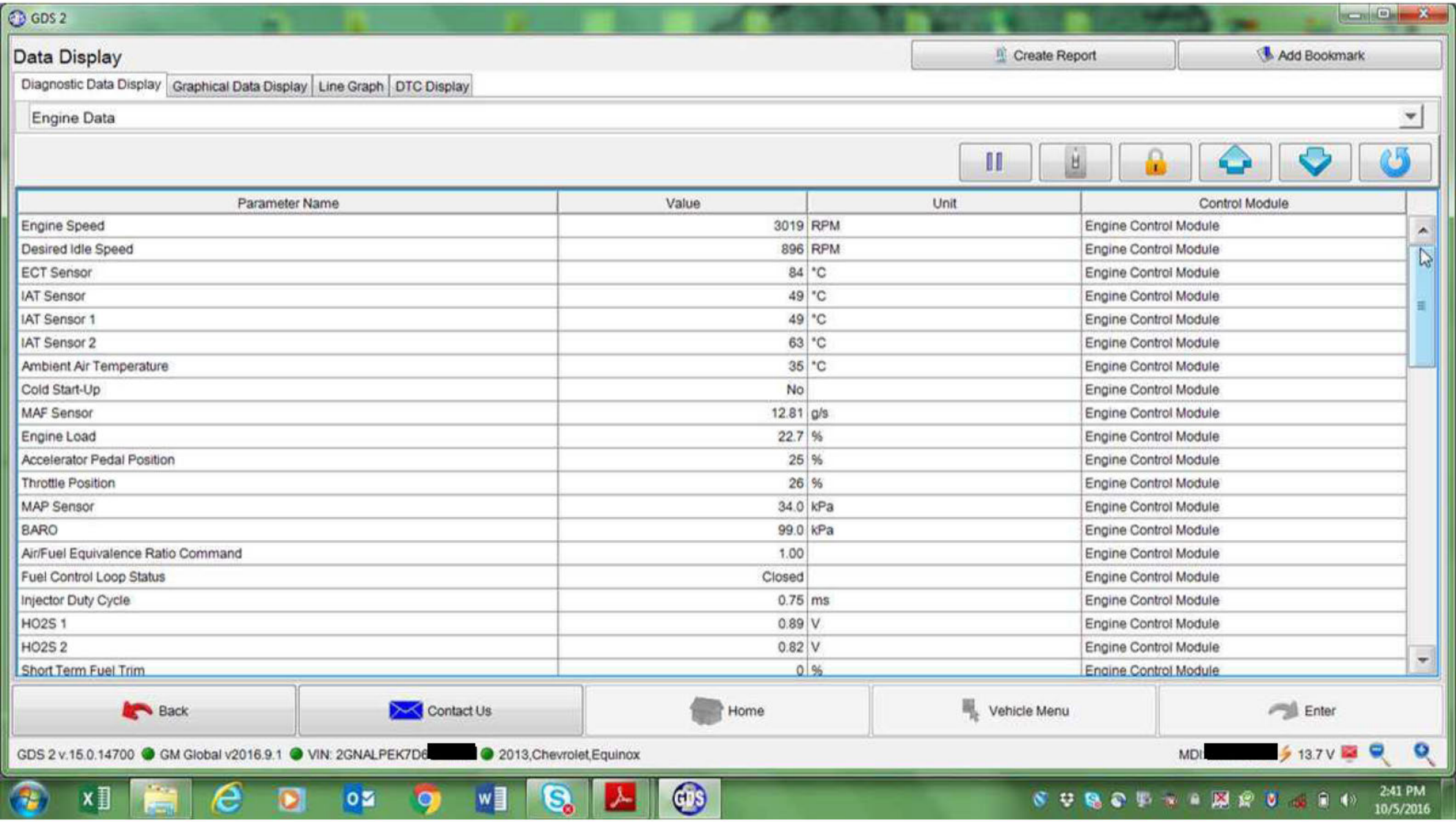
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Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
Engine Data
Parameter Name
Value
Unit
Control Module
Engine Speed 3019 RPM Engine Control Module
Desired Idle Speed 896 RPM Engine Control Module
ECT Sensor 84 °C Engine Control Module
IAT Sensor 49 °C Engine Control Module
IAT Sensor 1 49 °C Engine Control Module
IAT Sensor 2 63 °C Engine Control Module
Ambient Air Temperature 35 °C Engine Control Module
Cold Start-Up No Engine Control Module
MAF Sensor 12.81 g/s Engine Control Module
Engine Load 22.7 % Engine Control Module
Accelerator Pedal Position 25 % Engine Control Module
Throttle Position 26 % Engine Control Module
MAP Sensor 34.0 kPa Engine Control Module
BARO 99.0 kPa Engine Control Module
Air/Fuel Equivalence Ratio Command 1.00 Engine Control Module
Fuel Control Loop Status Closed Engine Control Module
Injector Duty Cycle 0.75 ms Engine Control Module
HO2S 1 0.89 V Engine Control Module
HO2S 2 0.82 V Engine Control Module
Short Term Fuel Trim 0 % Engine Control Module
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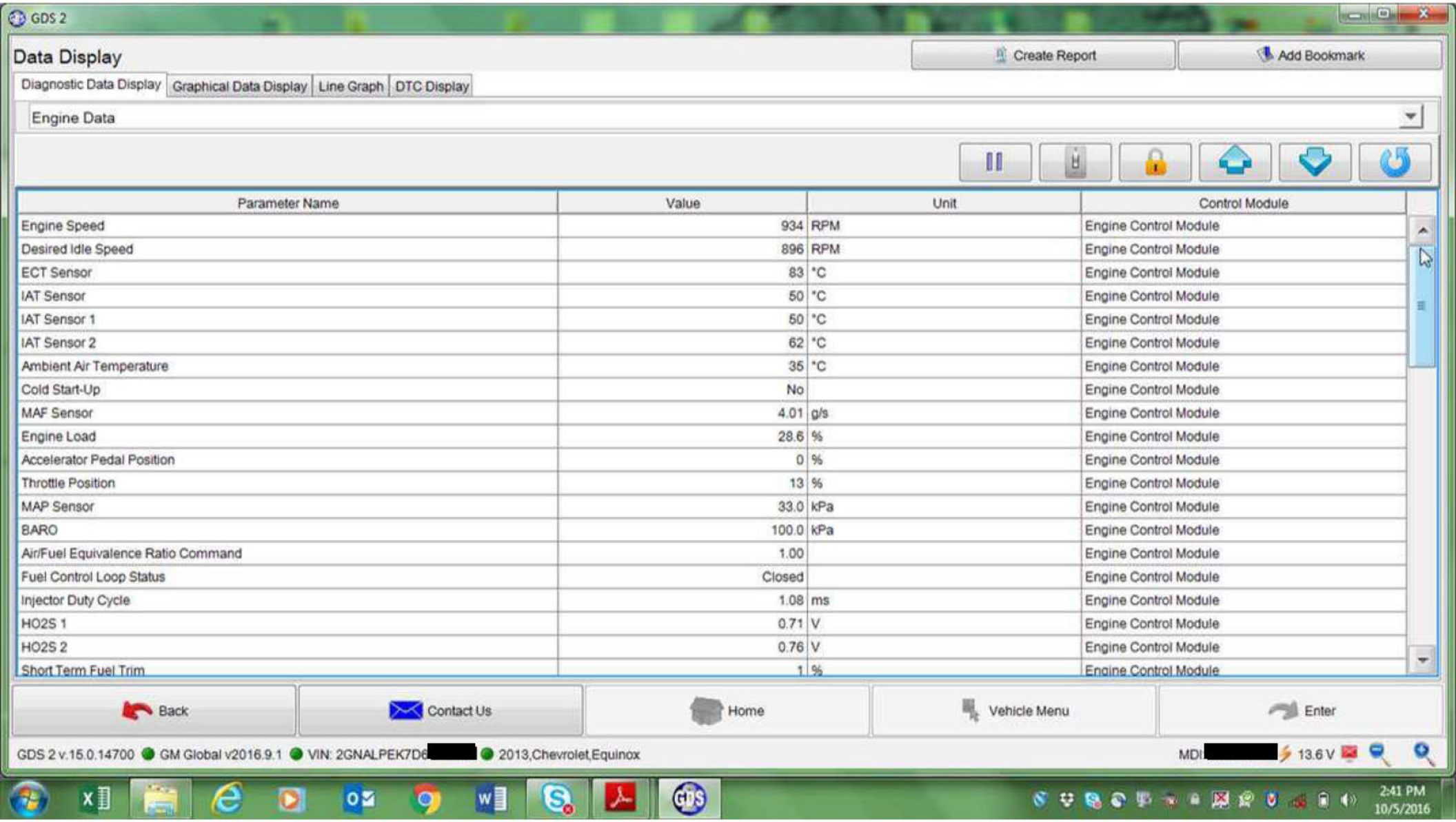
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Diagnostic Data Display
Graphical Data Display
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Engine Data
Parameter Name
Value
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Engine Speed 934 RPM Engine Control Module
Desired Idle Speed 896 RPM Engine Control Module
ECT Sensor 83 °C Engine Control Module
IAT Sensor 50 °C Engine Control Module
IAT Sensor 1 50 °C Engine Control Module
IAT Sensor 2 62 °C Engine Control Module
Ambient Air Temperature 35 °C Engine Control Module
Cold Start-Up No Engine Control Module
MAF Sensor 4.01 g/s Engine Control Module
Engine Load 28.6 % Engine Control Module
Accelerator Pedal Position 0 % Engine Control Module
Throttle Position 13 % Engine Control Module
MAP Sensor 33.0 kPa Engine Control Module
BARO 100.0 kPa Engine Control Module
Air/Fuel Equivalence Ratio Command 1.00 Engine Control Module
Fuel Control Loop Status Closed Engine Control Module
Injector Duty Cycle 1.08 ms Engine Control Module
HO2S 1 0.71 V Engine Control Module
HO2S 2 0.76 V Engine Control Module
Short Term Fuel Trim 1 % Engine Control Module
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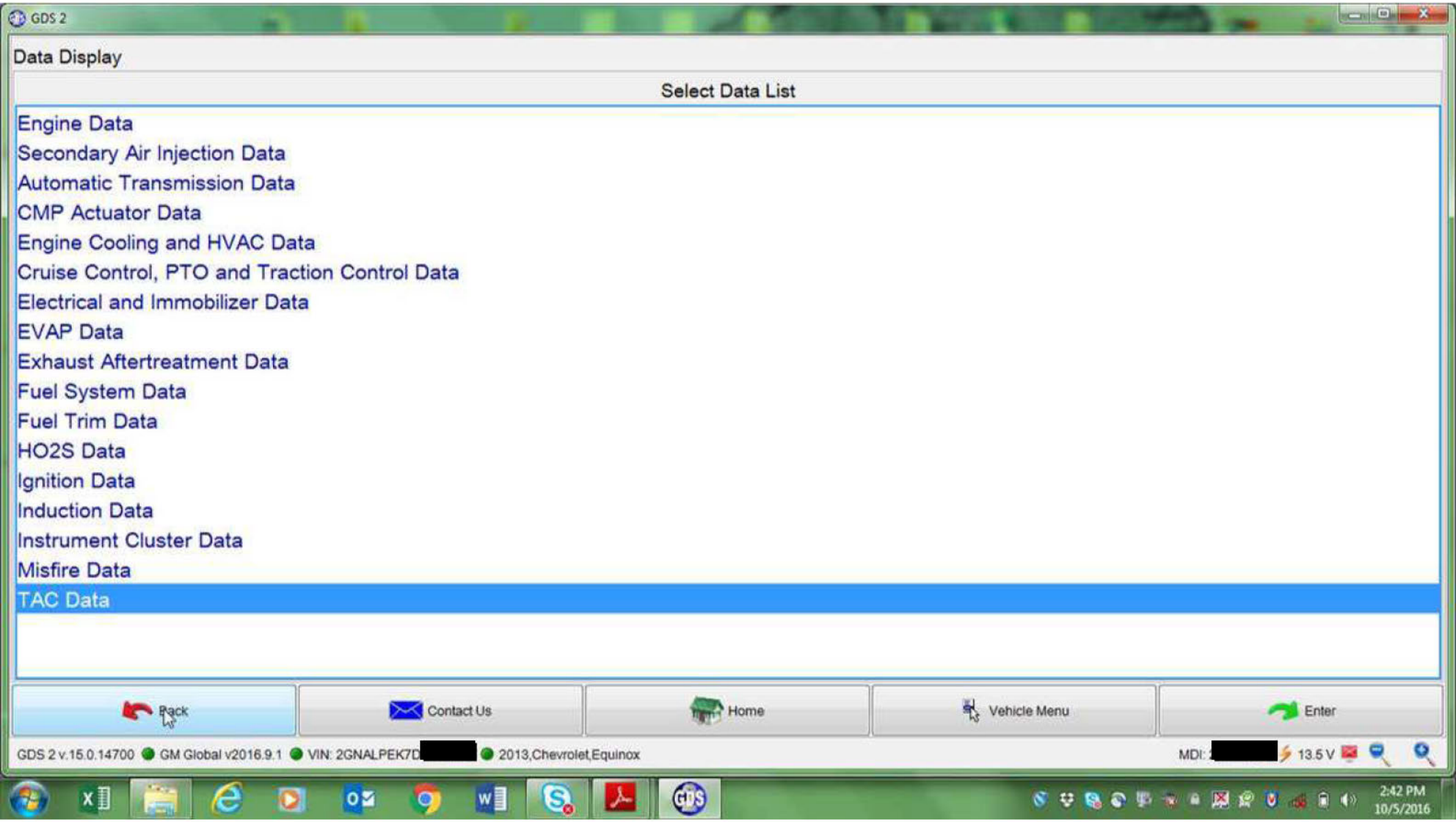
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Secondary Air Injection Data
Automatic Transmission Data
CMP Actuator Data
Engine Cooling and HVAC Data
Cruise Control, PTO and Traction Control Data
Electrical and Immobilizer Data
EVAP Data
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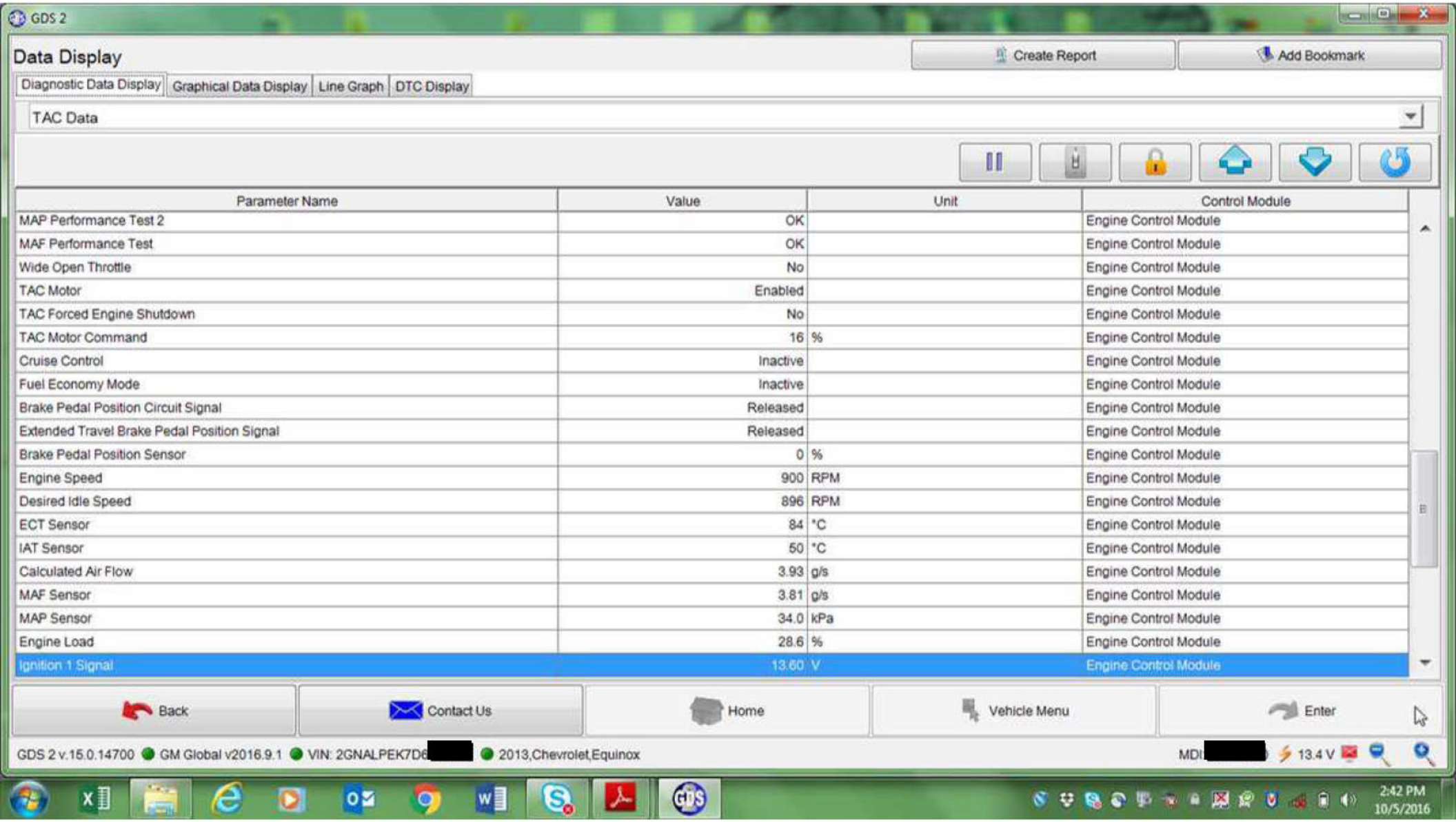
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Data Display
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TAC Data
Parameter Name
Value
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MAP Performance Test 2 OK Engine Control Module
MAF Performance Test OK Engine Control Module
Wide Open Throttle No Engine Control Module
TAC Motor Enabled Engine Control Module
TAC Forced Engine Shutdown No Engine Control Module
TAC Motor Command 16 % Engine Control Module
Cruise Control Inactive Engine Control Module
Fuel Economy Mode Inactive Engine Control Module
Brake Pedal Position Circuit Signal Released Engine Control Module
Extended Travel Brake Pedal Position Signal Released Engine Control Module
Brake Pedal Position Sensor 0 % Engine Control Module
Engine Speed 900 RPM Engine Control Module
Desired Idle Speed 896 RPM Engine Control Module
ECT Sensor 84 °C Engine Control Module
IAT Sensor 50 °C Engine Control Module
Calculated Air Flow 3.93 g/s Engine Control Module
MAF Sensor 3.81 g/s Engine Control Module
MAP Sensor 34.0 kPa Engine Control Module
Engine Load 28.6 % Engine Control Module
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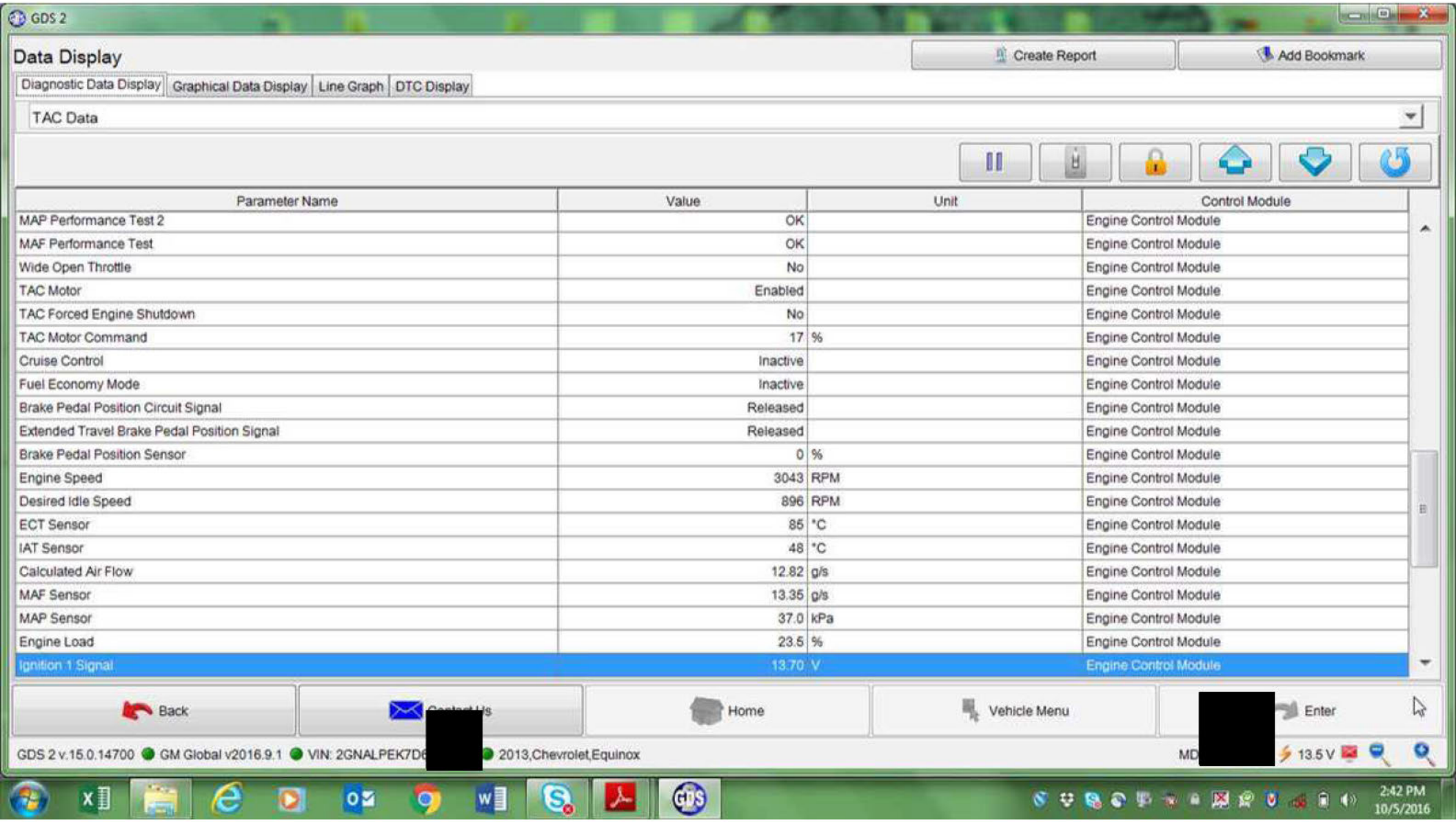
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TAC Data
Parameter Name
Value
Unit
Control Module
MAP Performance Test 2 OK Engine Control Module
MAF Performance Test OK Engine Control Module
Wide Open Throttle No Engine Control Module
TAC Motor Enabled Engine Control Module
TAC Forced Engine Shutdown No Engine Control Module
TAC Motor Command 17 % Engine Control Module
Cruise Control Inactive Engine Control Module
Fuel Economy Mode Inactive Engine Control Module
Brake Pedal Position Circuit Signal Released Engine Control Module
Extended Travel Brake Pedal Position Signal Released Engine Control Module
Brake Pedal Position Sensor 0 % Engine Control Module
Engine Speed 3043 RPM Engine Control Module
Desired Idle Speed 896 RPM Engine Control Module
ECT Sensor 85 °C Engine Control Module
IAT Sensor 48 °C Engine Control Module
Calculated Air Flow 12.82 g/s Engine Control Module
MAF Sensor 13.35 g/s Engine Control Module
MAP Sensor 37.0 kPa Engine Control Module
Engine Load 23.5 % Engine Control Module
Ignition 1 Signal 13.70 V Engine Control Module
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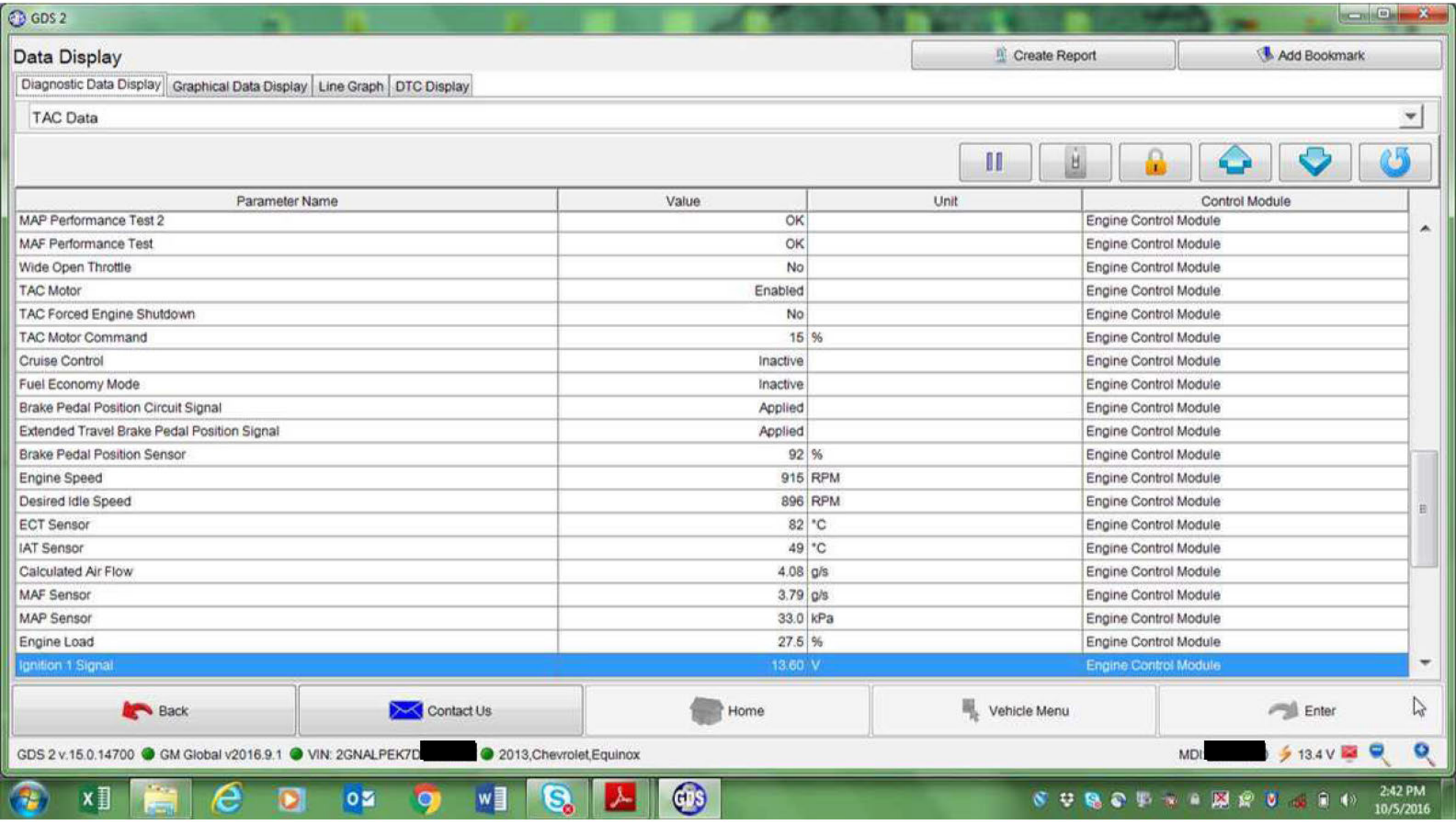
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Data Display
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TAC Data
Parameter Name
Value
Unit
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MAP Performance Test 2 OK Engine Control Module
MAF Performance Test OK Engine Control Module
Wide Open Throttle No Engine Control Module
TAC Motor Enabled Engine Control Module
TAC Forced Engine Shutdown No Engine Control Module
TAC Motor Command 15 % Engine Control Module
Cruise Control Inactive Engine Control Module
Fuel Economy Mode Inactive Engine Control Module
Brake Pedal Position Circuit Signal Applied Engine Control Module
Extended Travel Brake Pedal Position Signal Applied Engine Control Module
Brake Pedal Position Sensor 92 % Engine Control Module
Engine Speed 915 RPM Engine Control Module
Desired Idle Speed 896 RPM Engine Control Module
ECT Sensor 82 °C Engine Control Module
IAT Sensor 49 °C Engine Control Module
Calculated Air Flow 4.08 g/s Engine Control Module
MAF Sensor 3.79 g/s Engine Control Module
MAP Sensor 33.0 kPa Engine Control Module
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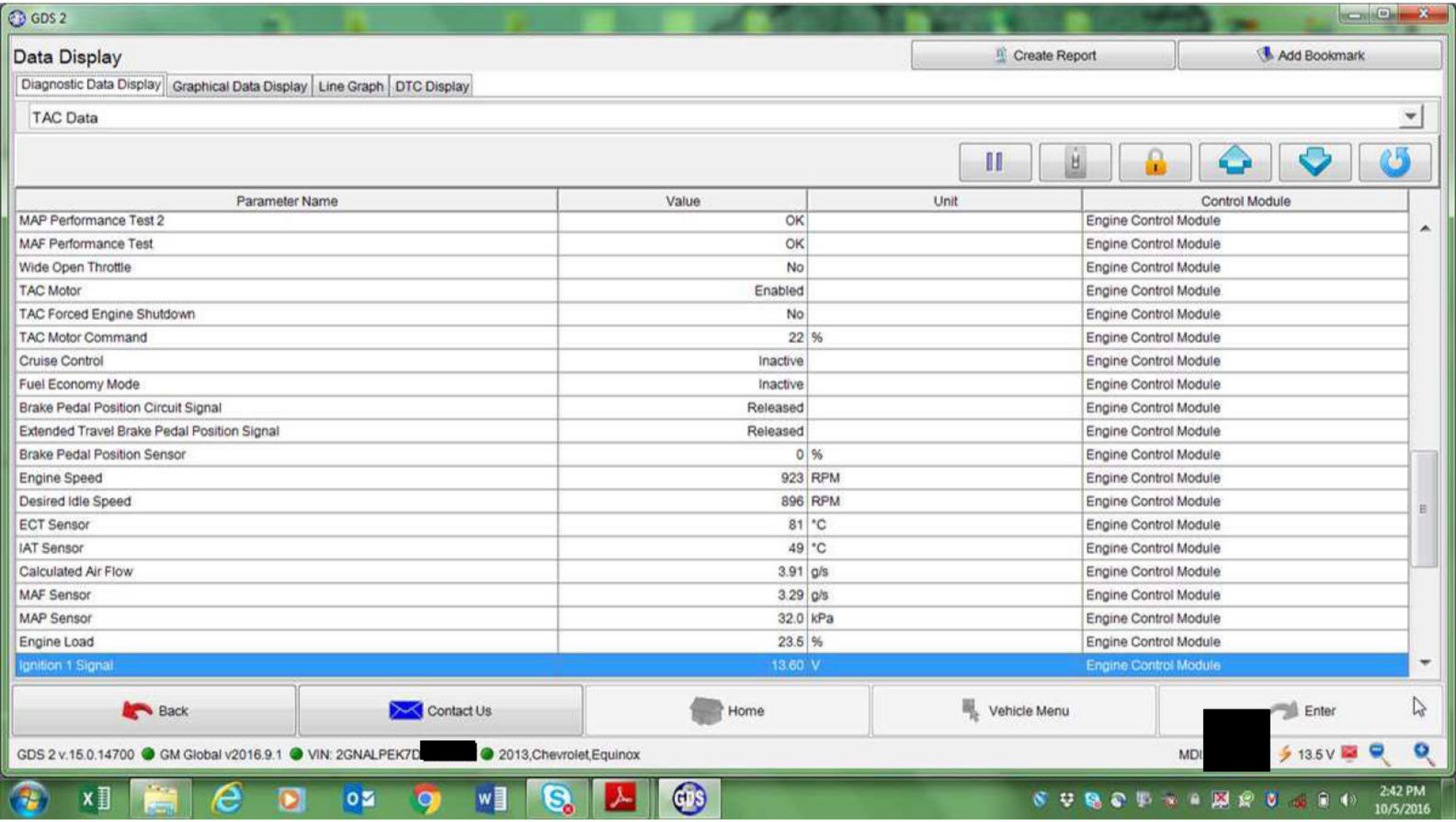
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Value
Unit
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MAF Performance Test OK Engine Control Module
Wide Open Throttle No Engine Control Module
TAC Motor Enabled Engine Control Module
TAC Forced Engine Shutdown No Engine Control Module
TAC Motor Command 22 % Engine Control Module
Cruise Control Inactive Engine Control Module
Fuel Economy Mode Inactive Engine Control Module
Brake Pedal Position Circuit Signal Released Engine Control Module
Extended Travel Brake Pedal Position Signal Released Engine Control Module
Brake Pedal Position Sensor 0 % Engine Control Module
Engine Speed 923 RPM Engine Control Module
Desired Idle Speed 896 RPM Engine Control Module
ECT Sensor 81 °C Engine Control Module
IAT Sensor 49 °C Engine Control Module
Calculated Air Flow 3.91 g/s Engine Control Module
MAF Sensor 3.29 g/s Engine Control Module
MAP Sensor 32.0 kPa Engine Control Module
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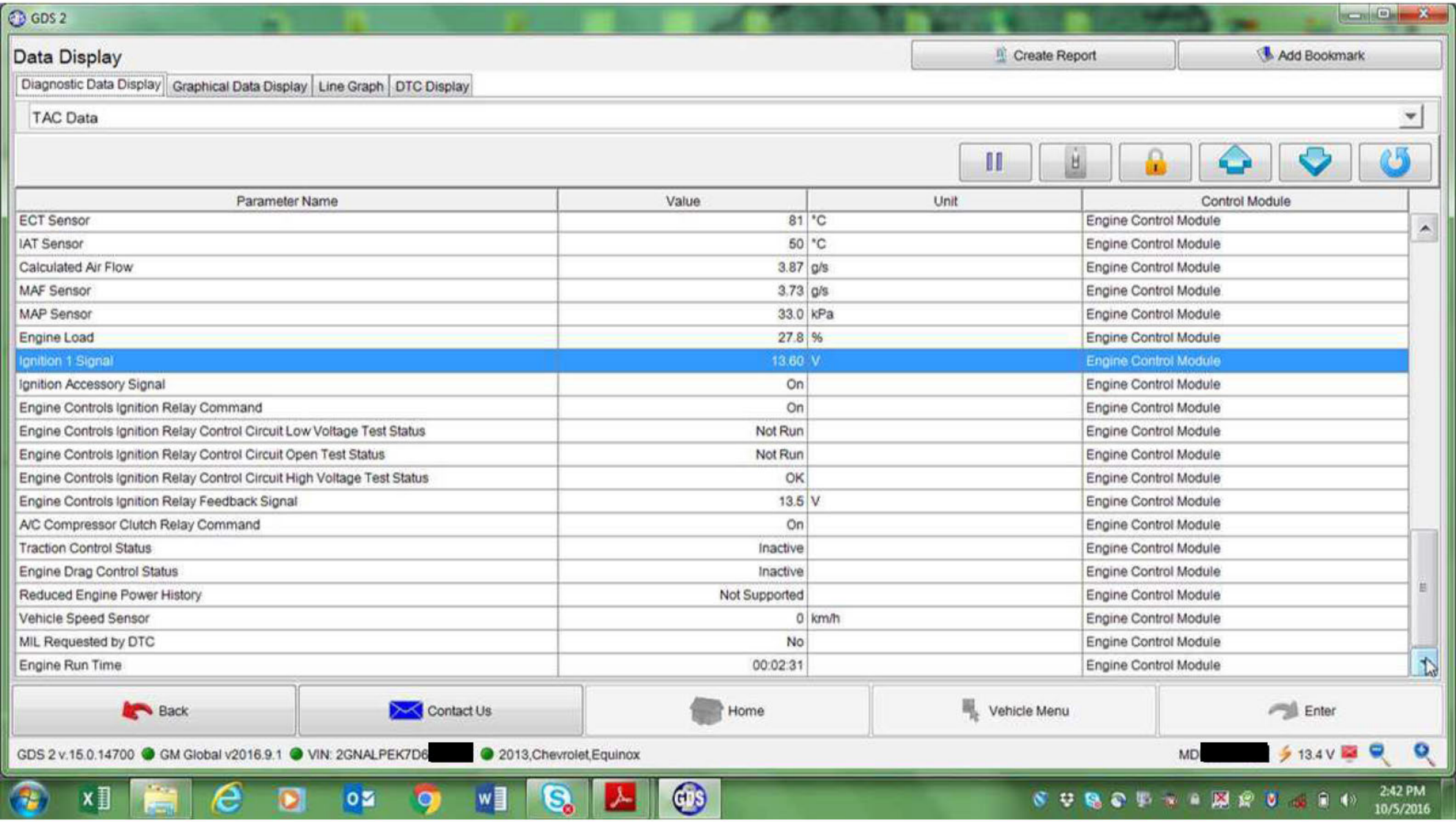
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
ECT Sensor 81 °C Engine Control Module
IAT Sensor 50 °C Engine Control Module
Calculated Air Flow 3.87 g/s Engine Control Module
MAF Sensor 3.73 g/s Engine Control Module
MAP Sensor 33.0 kPa Engine Control Module
Engine Load 27.8 % Engine Control Module
Ignition 1 Signal 13.60 V Engine Control Module
Ignition Accessory Signal On Engine Control Module
Engine Controls Ignition Relay Command On Engine Control Module
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status Not Run Engine Control Module
Engine Controls Ignition Relay Control Circuit Open Test Status Not Run Engine Control Module
Engine Controls Ignition Relay Control Circuit High Voltage Test Status OK Engine Control Module
Engine Controls Ignition Relay Feedback Signal 13.5 V Engine Control Module
A/C Compressor Clutch Relay Command On Engine Control Module
Traction Control Status Inactive Engine Control Module
Engine Drag Control Status Inactive Engine Control Module
Reduced Engine Power History Not Supported Engine Control Module
Vehicle Speed Sensor 0 km/h Engine Control Module
MIL Requested by DTC No Engine Control Module
Engine Run Time 00:02:31 Engine Control Module
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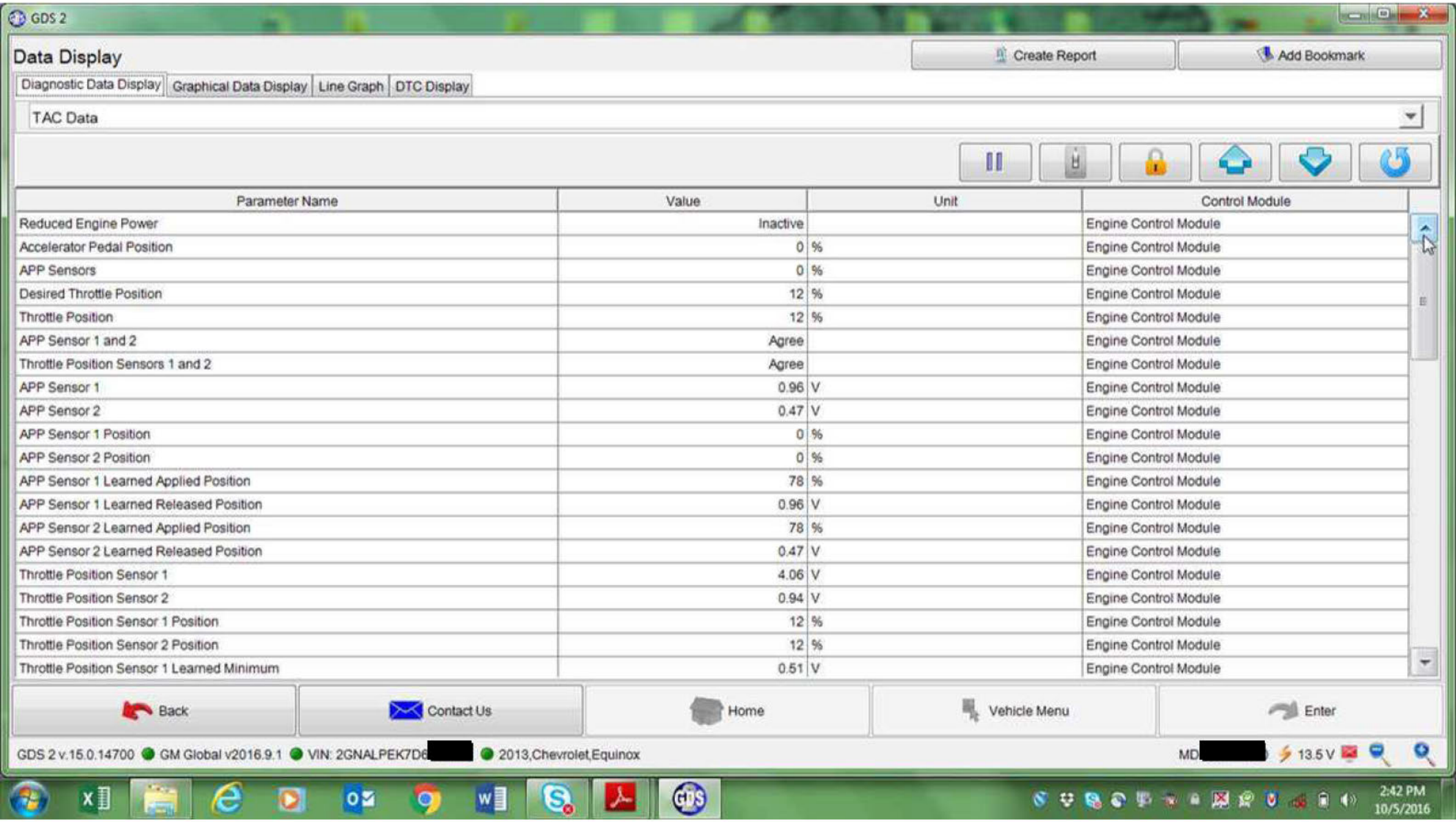
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6[redacted]
2013,Chevrolet,Equinox
MD[redacted]
13.4 V
2:42 PM
10/5/2016


GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
0
%
Engine Control Module
APP Sensors
0
%
Engine Control Module
Desired Throttle Position
12
%
Engine Control Module
Throttle Position
12
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
0.96
V
Engine Control Module
APP Sensor 2
0.47
V
Engine Control Module
APP Sensor 1 Position
0
%
Engine Control Module
APP Sensor 2 Position
0
%
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
Throttle Position Sensor 1
4.06
V
Engine Control Module
Throttle Position Sensor 2
0.94
V
Engine Control Module
Throttle Position Sensor 1 Position
12
%
Engine Control Module
Throttle Position Sensor 2 Position
12
%
Engine Control Module
Throttle Position Sensor 1 Learned Minimum
0.51
V
Engine Control Module
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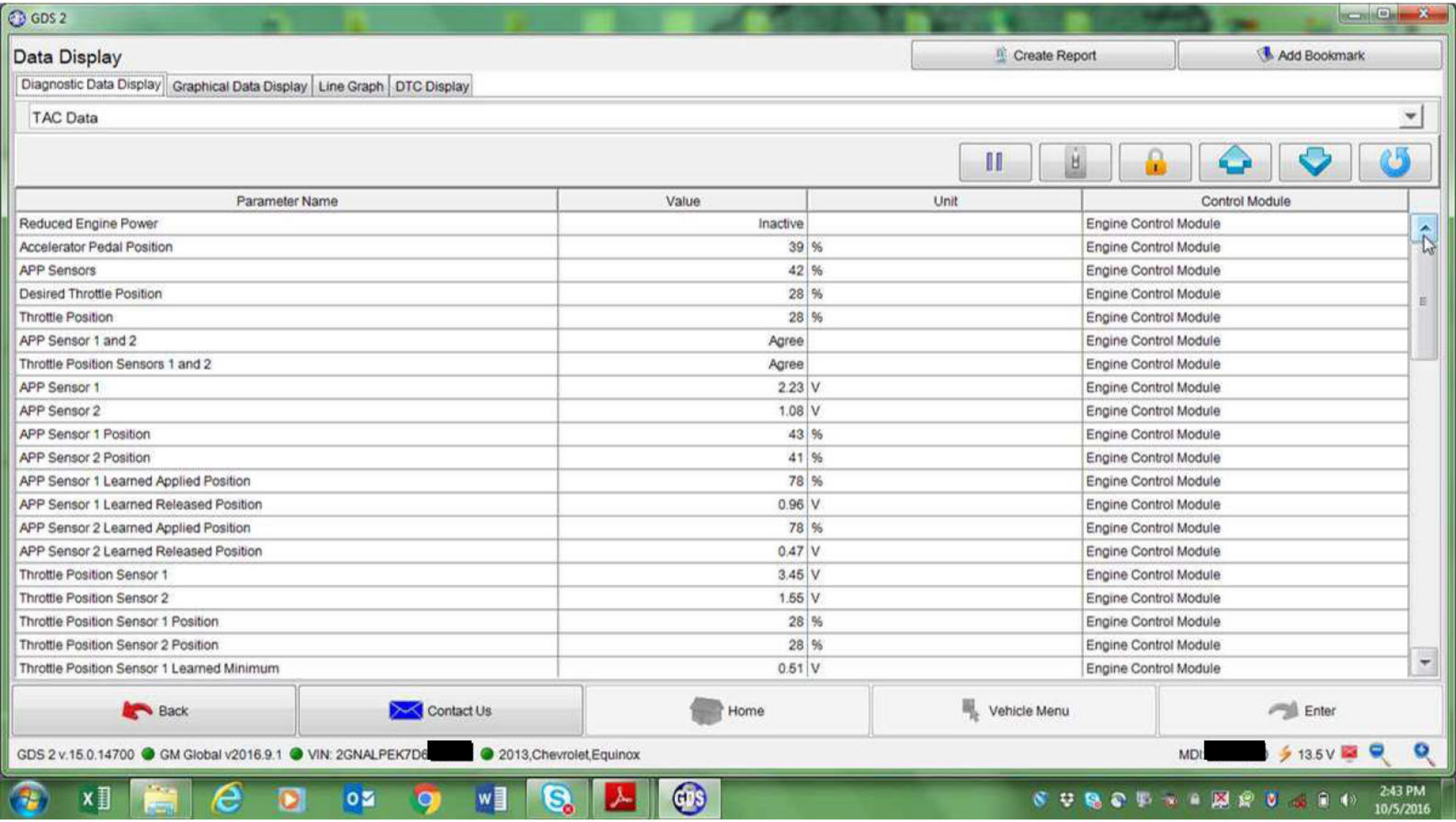
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
13.5 V
2:42 PM
10/5/2016


GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
39
%
Engine Control Module
APP Sensors
42
%
Engine Control Module
Desired Throttle Position
28
%
Engine Control Module
Throttle Position
28
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
2.23
V
Engine Control Module
APP Sensor 2
1.08
V
Engine Control Module
APP Sensor 1 Position
43
%
Engine Control Module
APP Sensor 2 Position
41
%
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
Throttle Position Sensor 1
3.45
V
Engine Control Module
Throttle Position Sensor 2
1.55
V
Engine Control Module
Throttle Position Sensor 1 Position
28
%
Engine Control Module
Throttle Position Sensor 2 Position
28
%
Engine Control Module
Throttle Position Sensor 1 Learned Minimum
0.51
V
Engine Control Module
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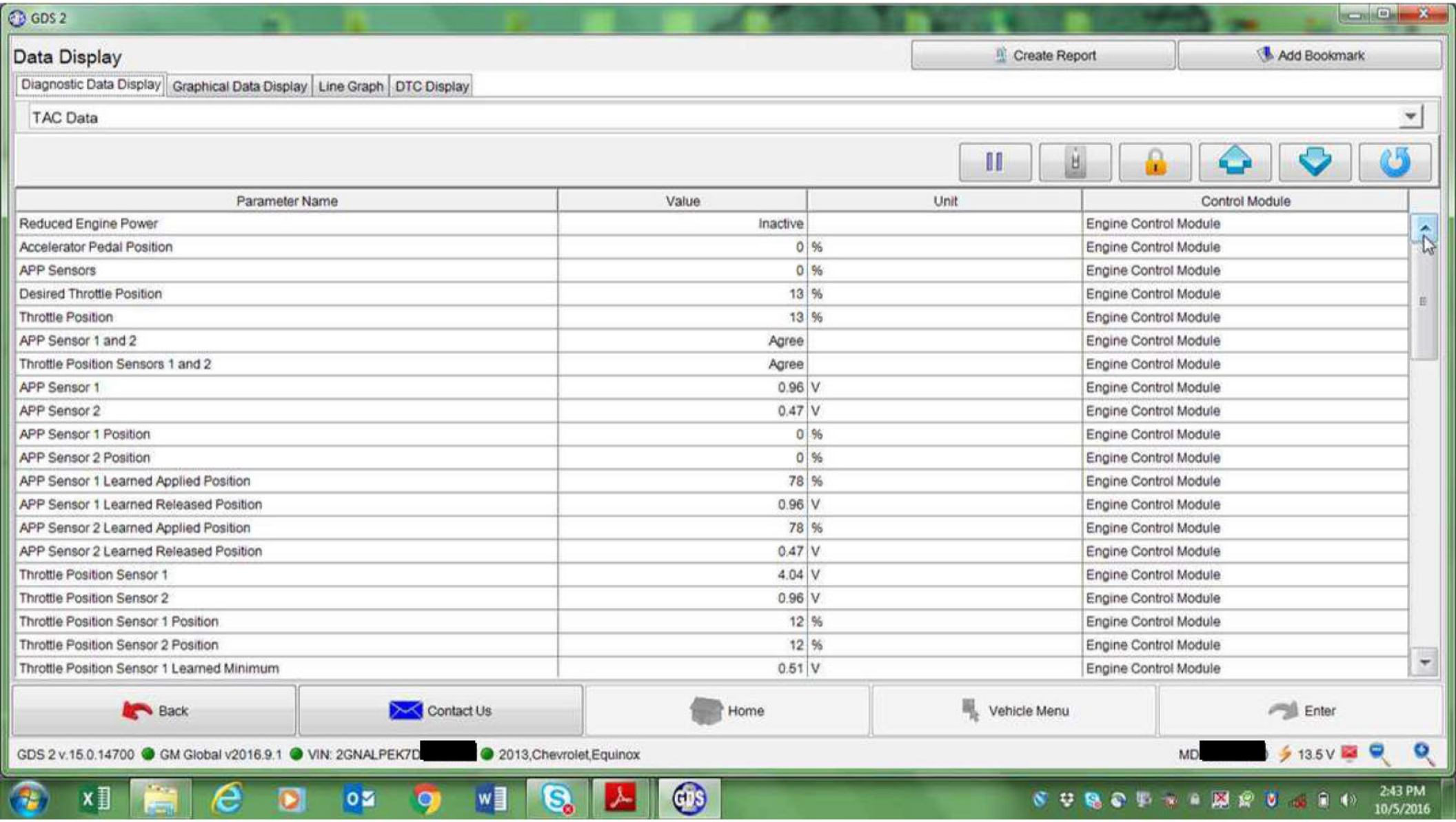
GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D6
2013,Chevrolet,Equinox
MDI
13.5 V
2:43 PM
10/5/2016


GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
0
%
Engine Control Module
APP Sensors
0
%
Engine Control Module
Desired Throttle Position
13
%
Engine Control Module
Throttle Position
13
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
0.96
V
Engine Control Module
APP Sensor 2
0.47
V
Engine Control Module
APP Sensor 1 Position
0
%
Engine Control Module
APP Sensor 2 Position
0
%
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
Throttle Position Sensor 1
4.04
V
Engine Control Module
Throttle Position Sensor 2
0.96
V
Engine Control Module
Throttle Position Sensor 1 Position
12
%
Engine Control Module
Throttle Position Sensor 2 Position
12
%
Engine Control Module
Throttle Position Sensor 1 Learned Minimum
0.51
V
Engine Control Module
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GDS 2 v.15.0.14700
GM Global v2016.9.1
VIN: 2GNALPEK7D
2013,Chevrolet,Equinox
MD
13.5 V
2:43 PM
10/5/2016

Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	2GNALPEK7D6[redacted]
Report Creation Date	2016-10-05 14:24:24 EDT

Vehicle Configuration Property

Make	Chevrolet
Model	Equinox
Model Year	2013

System Information Property

VCI Serial Number	MDI: [redacted]
Vehicle Session Creation Date	2016-10-05 14:23:32
Test Start Time	2016-10-05 14:24:05 EDT

Control Module Name	Control Module Status	DTC Count	DLC Pin
Inflatable Restraint Sensing and Diagnostic Module	DTCs Stored	12	1

Control Module	DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
Inflatable Restraint Sensing and Diagnostic Module	B0013	02	Driver Steering Wheel Air Bag Deployment Loop Stage 2	Short to Ground	History	
					DTC Current Status	Not Current
					DTC History Status	History

					MIL Status	Not Requested
Inflatable Restraint Sensing and Diagnostic Module	B0012	02	Driver Steering Wheel Air Bag Deployment Loop	Short to Ground	History	
					DTC Current Status	Not Current
					DTC History Status	History
					MIL Status	Not Requested
Inflatable Restraint Sensing and Diagnostic Module	B001B	04	Passenger Seat Belt Anchor Pretensioner Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B001A	04	Driver Seat Belt Anchor Pretensioner Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0022	04	Passenger Seat Belt Retractor Pretensioner Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History

					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0015	04	Driver Seat Belt Retractor Pretensioner Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0013	04	Driver Steering Wheel Air Bag Deployment Loop Stage 2	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0012	04	Driver Steering Wheel Air Bag Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0016	04	Left Roof Rail Air Bag Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History

					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0023	04	Right Roof Rail Air Bag Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B1325	03	Control Module Power Circuit	Low Voltage	History	
					DTC Current Status	Not Current
					DTC History Status	History
					MIL Status	Not Requested
Inflatable Restraint Sensing and Diagnostic Module	B0052	00	Deployment Commanded	- - -	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested

Global Diagnostic System 2

Read Vehicle Wide DTC and ID Information

Overview

Vehicle Identification Number (VIN)	2GNALPEK7D6[redacted]
Report Creation Date	2016-10-05 14:33:41 EDT

Vehicle Configuration Property

Make	Chevrolet
Model	Equinox
Model Year	2013

System Information Property

VCI Serial Number	MDI[redacted]
Vehicle Session Creation Date	2016-10-05 14:24:05
Test Start Time	2016-10-05 14:33:41 EDT

Engine Control Module

Identification Information	Value
No DTCs Stored	

Transmission Control Module

Identification Information	Value
No DTCs Stored	

Rear Differential Clutch Control Module

No Communication

Electronic Brake Control Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
C0267	00	Low Brake Fluid Indicated	- - -	Current	
				This Ignition Cycle	Passed and Failed
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
C0035	06	Left Front Wheel Speed Sensor Circuit	Low Voltage/Open	Current	
				This Ignition Cycle	Passed and Failed
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested

Multi-Axis Acceleration Sensor Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
C0800	03	Control Module Power Circuit	Low Voltage	History	
					Passed

				This Ignition Cycle	
				Last Test	Passed
				Since DTC Clear	Passed
				DTC History Status	History
				MIL Status	Not Requested

Power Steering Control Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
U0415	00	Invalid Data Received From Electronic Brake Control Module	- - -	Current	
				DTC Current Status	Current
				DTC History Status	History
C0800	03	Control Module Power Circuit	Low Voltage	History	
				DTC Current Status	Not Current
				DTC History Status	History

Steering Wheel Angle Sensor Module

Identification Information	Value

No DTCs Stored

Body Control Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B1395	03	Control Module Voltage Reference Output 1 Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B1529	03	Control Module Voltage Reference Output 5 Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B3006	02	Hood Ajar Circuit	Short to Ground	Passed and Failed	
					Passed

				This Ignition Cycle	
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B3600	03	Passenger Compartment Dimming Request Signal Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
C0277	06	Brake Pedal Position Sensor Circuit	Low Voltage/Open	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed

				DTC History Status	History
				MIL Status	Not Requested
C0890	03	Control Module Voltage Reference Output 3 Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B101E	43	Electronic Control Unit Software	EEPROM Incorrect Programming	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B1325	03	Control Module Power Circuit	Low Voltage	Passed and Failed	
					Passed

				This Ignition Cycle	
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
U0078	00	Control Module Communication Low Speed CAN Bus Off	- - -	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested

Inflatable Restraint Sensing and Diagnostic Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B0013	02	Driver Steering Wheel Air Bag Deployment Loop Stage 2	Short to Ground	History	
				DTC Current Status	Not Current

				DTC History Status	History
				MIL Status	Not Requested
B0012	02	Driver Steering Wheel Air Bag Deployment Loop	Short to Ground	History	
				DTC Current Status	Not Current
				DTC History Status	History
				MIL Status	Not Requested
B001B	04	Passenger Seat Belt Anchor Pretensioner Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B001A	04	Driver Seat Belt Anchor Pretensioner Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B0022	04	Passenger Seat Belt Retractor Pretensioner Deployment Loop	Open	Current	
				DTC Current Status	Current

				DTC History Status	History
				MIL Status	Requested
B0015	04	Driver Seat Belt Retractor Pretensioner Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B0013	04	Driver Steering Wheel Air Bag Deployment Loop Stage 2	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B0012	04	Driver Steering Wheel Air Bag Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B0016	04	Left Roof Rail Air Bag Deployment Loop	Open	Current	
				DTC Current Status	Current

				DTC History Status	History
				MIL Status	Requested
B0023	04	Right Roof Rail Air Bag Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B1325	03	Control Module Power Circuit	Low Voltage	History	
				DTC Current Status	Not Current
				DTC History Status	History
				MIL Status	Not Requested
B0052	00	Deployment Commanded	- - -	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested

Passenger Presence Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B1325	03	Control Module Power Circuit	Low Voltage	History	
				DTC Current Status	Not Current
				DTC History Status	History
				MIL Status	Not Requested

Instrument Cluster

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B1325	03	Control Module Power Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Since DTC Clear	Passed and Failed
				DTC Current Status	Not Current
				DTC History Status	History

Radio

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status
U0020	00		- - -	Current

		Low Speed CAN Bus		DTC Current Status	Current
				DTC History Status	History
B1325	03	Control Module Power Low Current Circuit	Low Voltage	History	
				DTC Current Status	Not Current
				DTC History Status	History

Rear Audio Control Module

No Communication

Telematics Communication Interface Control Module

Identification Information	Value

No DTCs Stored

HVAC Control Module

Identification Information	Value

No DTCs Stored

Liftgate Control Module

Identification Information	Value

No DTCs Stored

Front Seat Heating Control Module

Identification Information	Value

No DTCs Stored

Right Side Object Detection Control Module

No Communication

Left Side Object Detection Control Module

No Communication

Parking Assist Control Module

No Communication

Frontview Camera Module

No Communication

Global Diagnostic System 2

Vehicle DTC Information

Overview

Vehicle Identification Number (VIN)	2GNALPEK7D6[redacted]
Report Creation Date	2016-10-05 14:32:37 EDT

Vehicle Configuration Property

Make	Chevrolet
Model	Equinox
Model Year	2013

System Information Property

VCI Serial Number	MDI: [redacted]
Vehicle Session Creation Date	2016-10-05 14:24:05
Test Start Time	2016-10-05 14:31:44 EDT

Control Module Name	Control Module Status	DTC Count	DLC Pin
Engine Control Module	No DTCs Stored	0	6,14
Transmission Control Module	No DTCs Stored	0	6,14
Rear Differential Clutch Control Module	No Communication	0	6,14
Electronic Brake Control Module	DTCs Stored	2	6,14
Multi-Axis Acceleration Sensor Module	DTCs Stored	1	12,13
Power Steering Control Module	DTCs Stored	2	6,14
Steering Wheel Angle Sensor Module	No DTCs Stored	0	12,13
Body Control Module	DTCs Stored	9	6,14
Inflatable Restraint Sensing and Diagnostic Module	DTCs Stored	12	1
Passenger Presence Module	DTCs Stored	1	1
Instrument Cluster	DTCs Stored	1	1
Radio	DTCs Stored	2	1

Rear Audio Control Module	No Communication	0	1
Telematics Communication Interface Control Module	No DTCs Stored	0	1
HVAC Control Module	No DTCs Stored	0	1
Liftgate Control Module	No DTCs Stored	0	1
Front Seat Heating Control Module	No DTCs Stored	0	1
Right Side Object Detection Control Module	No Communication	0	1
Left Side Object Detection Control Module	No Communication	0	1
Parking Assist Control Module	No Communication	0	1
Frontview Camera Module	No Communication	0	1

Control Module	DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
Multi-Axis Acceleration Sensor Module	C0800	03	Control Module Power Circuit	Low Voltage	History	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed
					DTC History Status	History
					MIL Status	Not Requested
Passenger Presence Module	B1325	03	Control Module Power Circuit	Low Voltage	History	
					DTC Current Status	Not Current
					DTC History Status	History
					MIL Status	Not Requested
	U0415	00		- - -	Current	

Power Steering Control Module			Invalid Data Received From Electronic Brake Control Module		DTC Current Status	Current
					DTC History Status	History
Power Steering Control Module	C0800	03	Control Module Power Circuit	Low Voltage	History	
					DTC Current Status	Not Current
					DTC History Status	History
Instrument Cluster	B1325	03	Control Module Power Circuit	Low Voltage	Passed and Failed	
					This Ignition Cycle	Passed
					Since DTC Clear	Passed and Failed
					DTC Current Status	Not Current
					DTC History Status	History
Body Control Module	B1395	03	Control Module Voltage Reference Output 1 Circuit	Low Voltage	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	History
					MIL Status	Not Requested

Body Control Module	B1529	03	Control Module Voltage Reference Output 5 Circuit	Low Voltage	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	History
					MIL Status	Not Requested
Body Control Module	B3006	02	Hood Ajar Circuit	Short to Ground	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	History
					MIL Status	Not Requested
Body Control Module	B3600	03	Passenger Compartment Dimming Request Signal Circuit	Low Voltage	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	History

					MIL Status	Not Requested
Body Control Module	C0277	06	Brake Pedal Position Sensor Circuit	Low Voltage/Open	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	History
					MIL Status	Not Requested
Body Control Module	C0890	03	Control Module Voltage Reference Output 3 Circuit	Low Voltage	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	History
					MIL Status	Not Requested
Body Control Module	B101E	43	Electronic Control Unit Software	EEPROM Incorrect Programming	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed

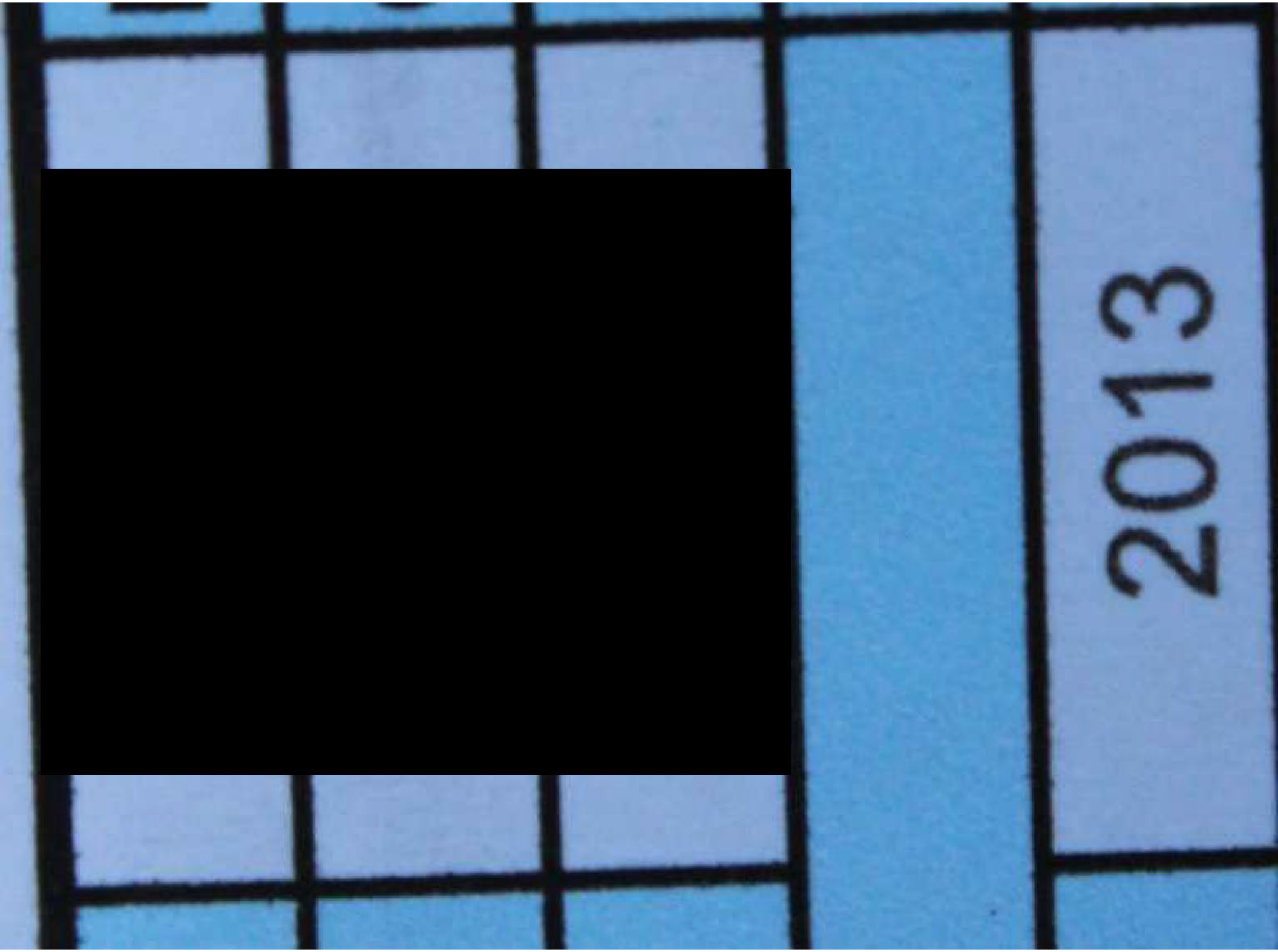
					DTC History Status	History
					MIL Status	Not Requested
Body Control Module	B1325	03	Control Module Power Circuit	Low Voltage	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	History
					MIL Status	Not Requested
Body Control Module	U0078	00	Control Module Communication Low Speed CAN Bus Off	- - -	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	History
					MIL Status	Not Requested
Electronic Brake Control Module	C0267	00	Low Brake Fluid Indicated	- - -	Current	
					This Ignition Cycle	Passed and Failed
					DTC Current Status	Current

					DTC History Status	History
					MIL Status	Requested
Electronic Brake Control Module	C0035	06	Left Front Wheel Speed Sensor Circuit	Low Voltage/Open	Current	
					This Ignition Cycle	Passed and Failed
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0013	02	Driver Steering Wheel Air Bag Deployment Loop Stage 2	Short to Ground	History	
					DTC Current Status	Not Current
					DTC History Status	History
					MIL Status	Not Requested
Inflatable Restraint Sensing and Diagnostic Module	B0012	02	Driver Steering Wheel Air Bag Deployment Loop	Short to Ground	History	
					DTC Current Status	Not Current
					DTC History Status	History
					MIL Status	Not Requested
Inflatable Restraint Sensing and	B001B	04	Passenger Seat Belt Anchor Pretensioner	Open	Current	
					DTC Current Status	Current

Diagnostic Module			Deployment Loop		DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B001A	04	Driver Seat Belt Anchor Pretensioner Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0022	04	Passenger Seat Belt Retractor Pretensioner Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0015	04	Driver Seat Belt Retractor Pretensioner Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0013	04	Driver Steering Wheel Air Bag Deployment Loop Stage 2	Open	Current	
					DTC Current Status	Current
					DTC History Status	History

					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0012	04	Driver Steering Wheel Air Bag Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0016	04	Left Roof Rail Air Bag Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B0023	04	Right Roof Rail Air Bag Deployment Loop	Open	Current	
					DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Inflatable Restraint Sensing and Diagnostic Module	B1325	03	Control Module Power Circuit	Low Voltage	History	
					DTC Current Status	Not Current
					DTC History Status	History
					MIL Status	Not Requested
	B0052	00		- - -	Current	

Inflatable Restraint Sensing and Diagnostic Module			Deployment Commanded		DTC Current Status	Current
					DTC History Status	History
					MIL Status	Requested
Radio	U0020	00	Low Speed CAN Bus	- - -	Current	
					DTC Current Status	Current
					DTC History Status	History
Radio	B1325	03	Control Module Power Low Current Circuit	Low Voltage	History	
					DTC Current Status	Not Current
					DTC History Status	History


2013







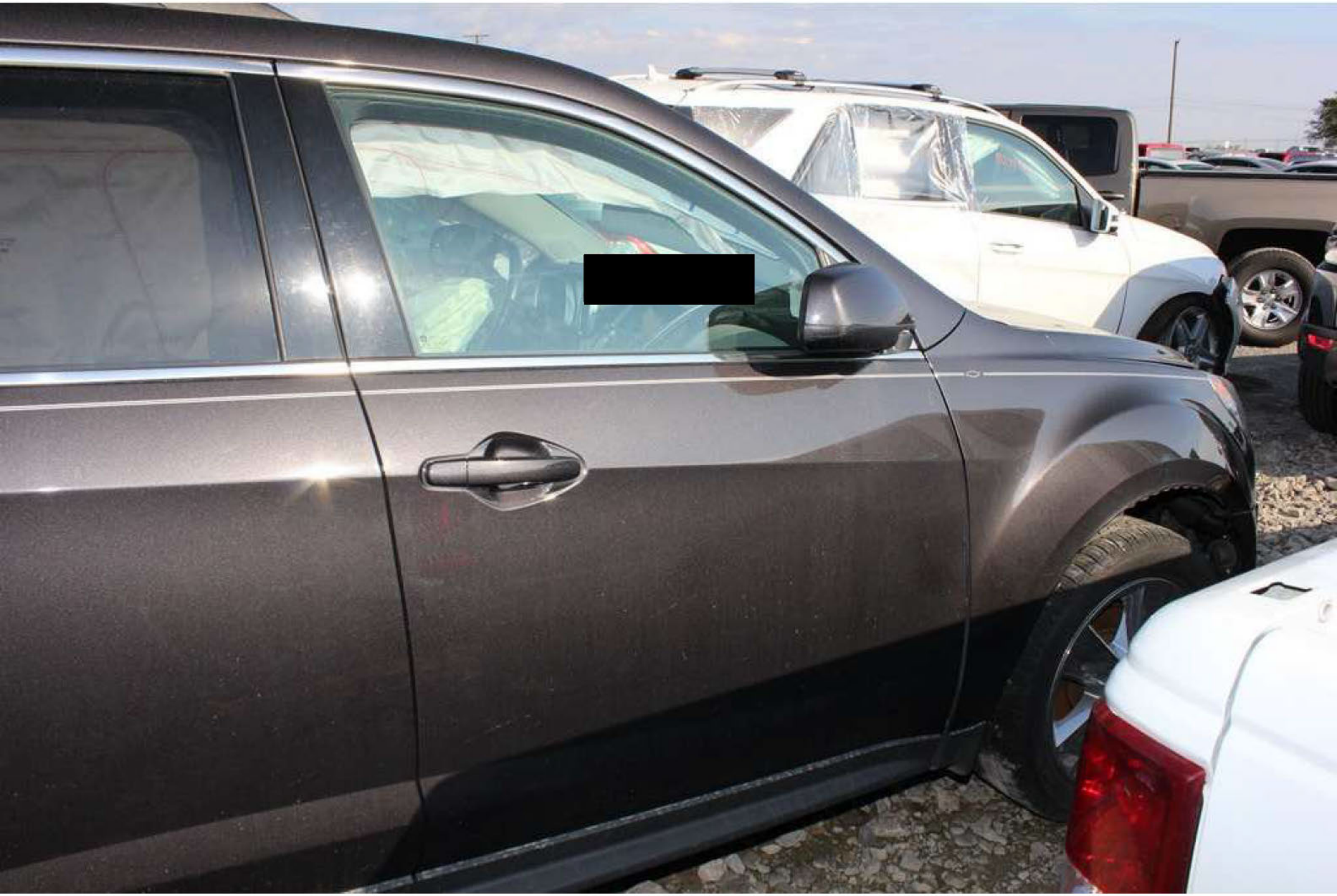



carmax


CARMAX
EQUINOX LT


EQUINOX LT





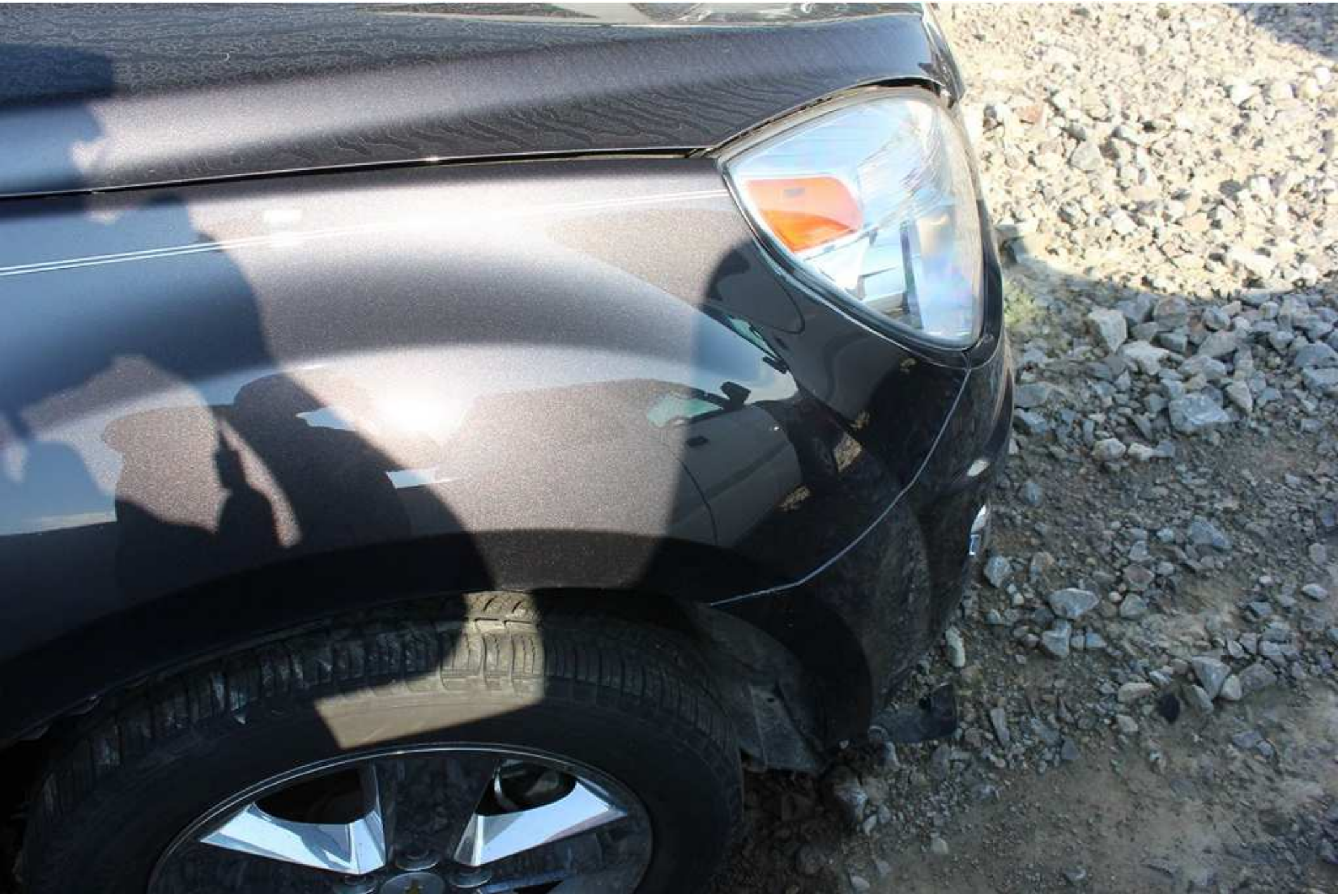

















MICHELIN






MADE IN USA













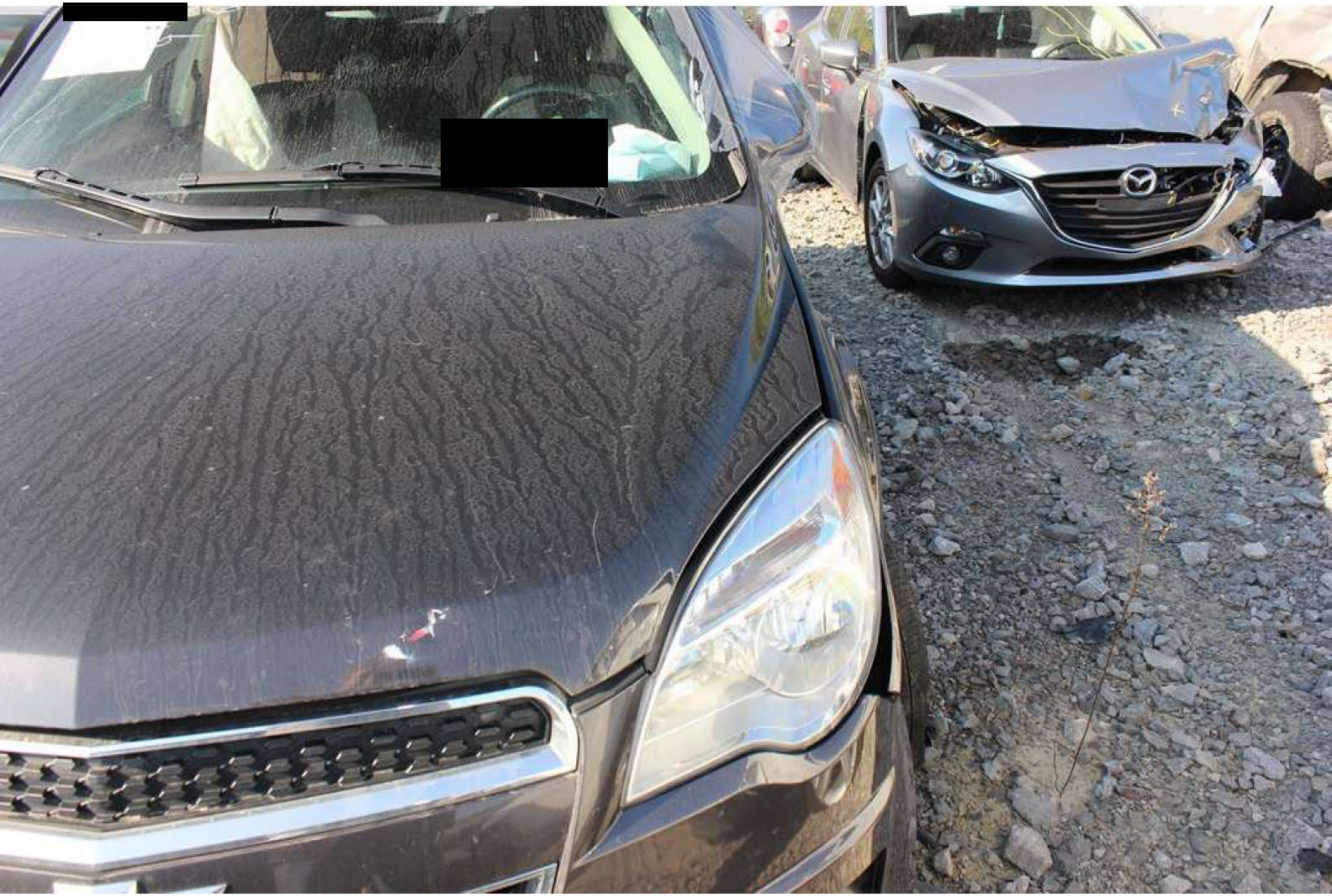


















































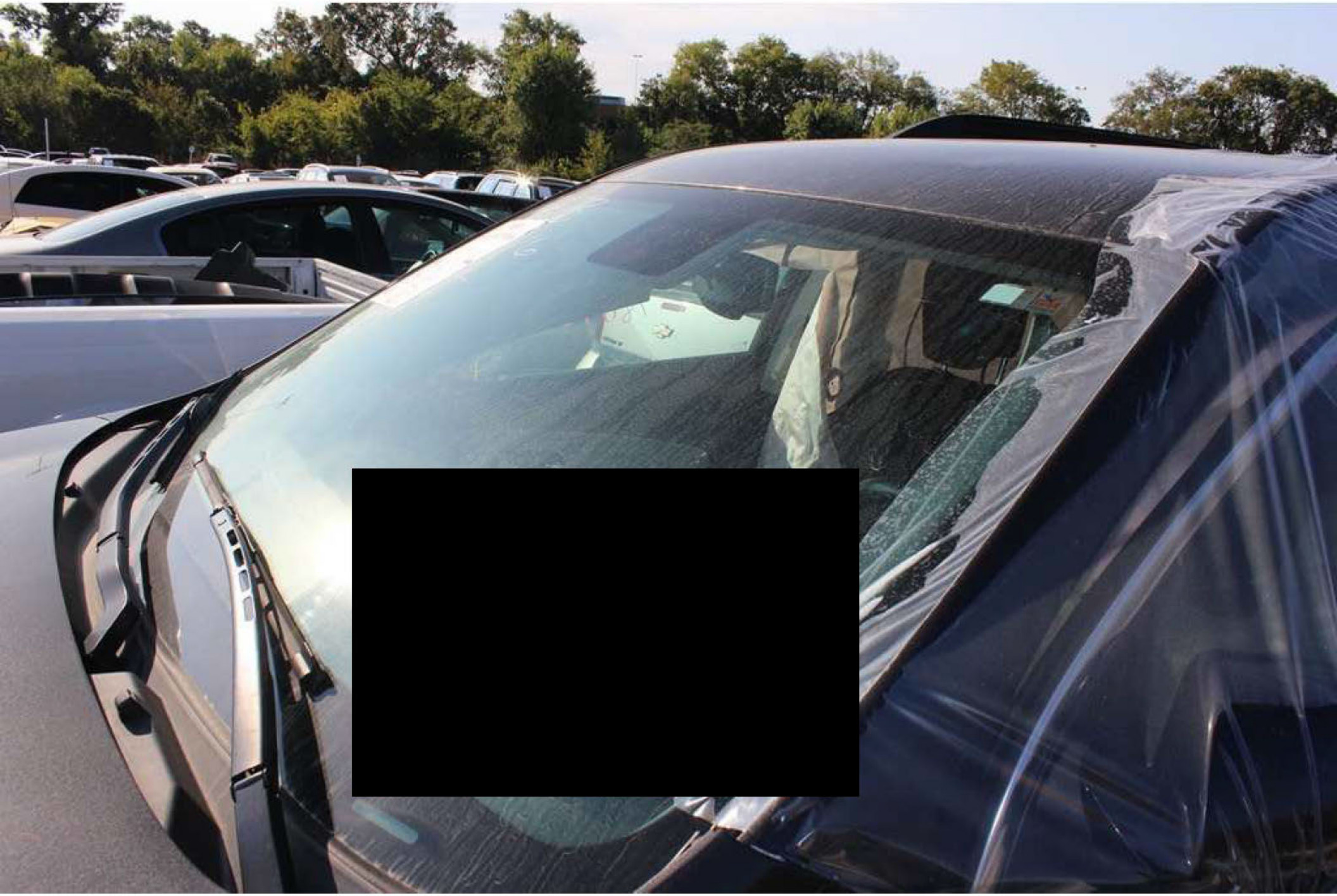































RANGE ROVER


EQUINOX LT












































SERVICE PART
DO NOT REMOVE


2013
Equinox


RANGE ROVER



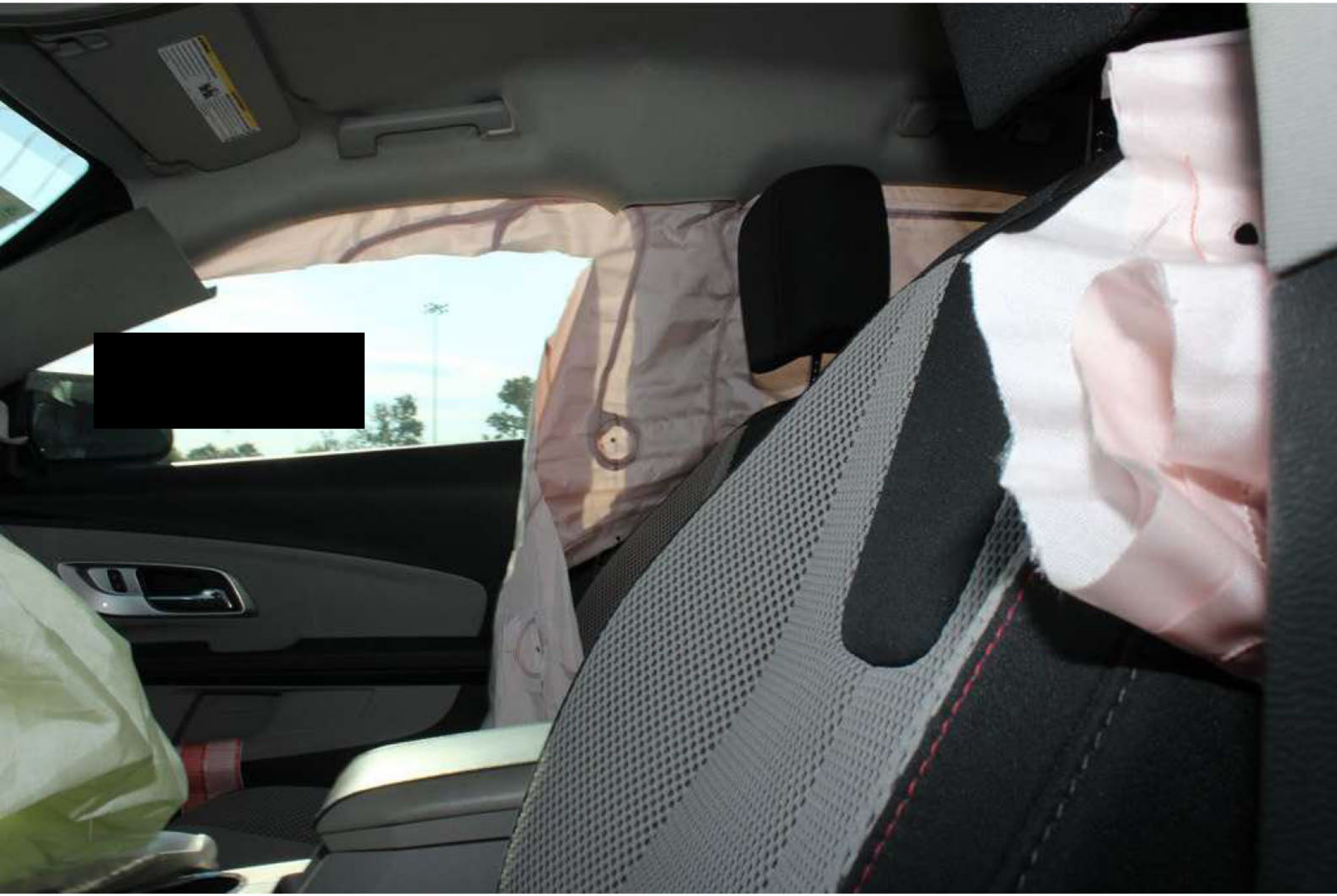





TIRE AND LOADING INFO












Little Trees
New Car Scent

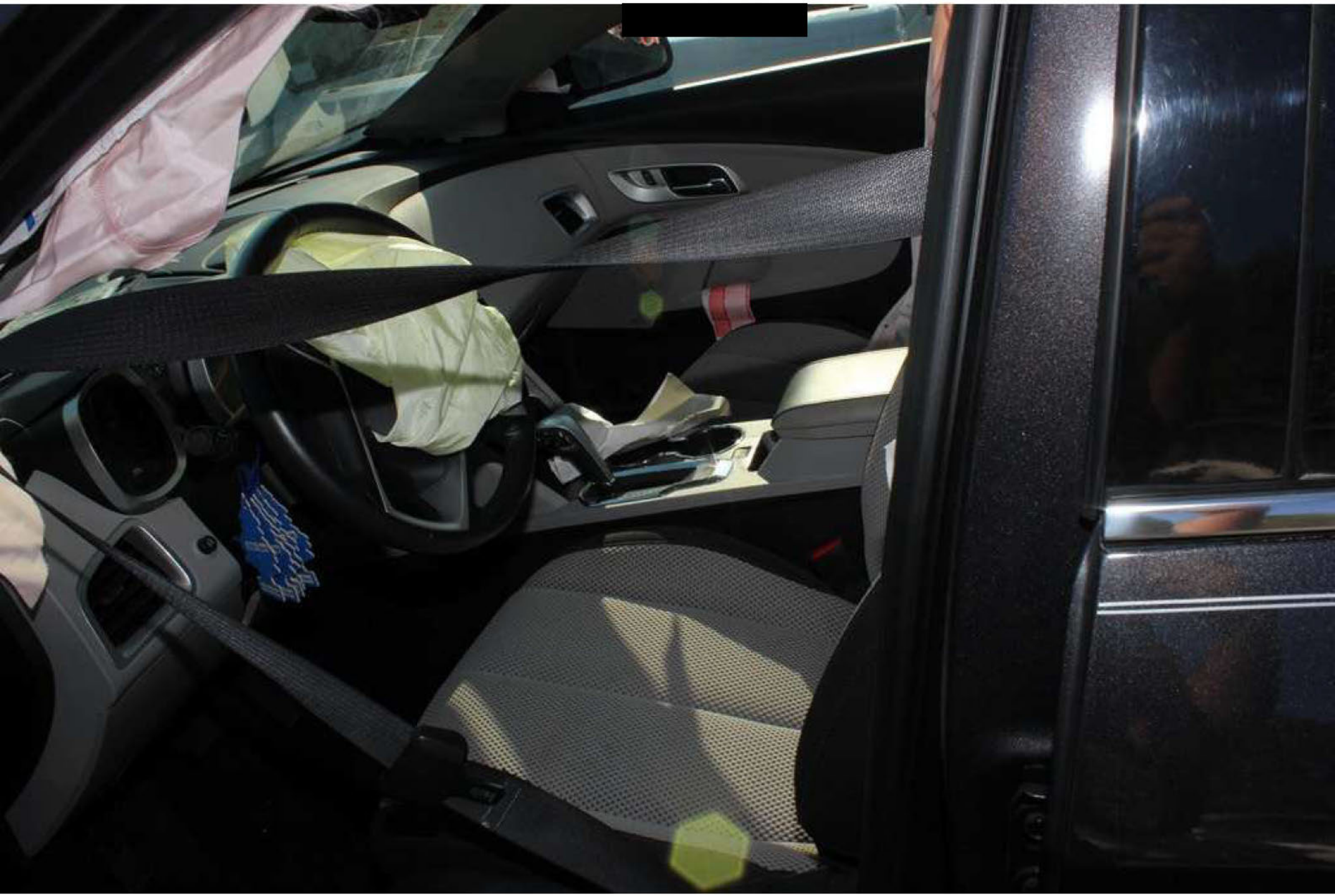























1
2
3
4
5
6
FAV
SOURCE
SEEK
SEEK
INFO
CONFIG
TUNE
AUTO
A/C
MENU
VEHICLE INFO














TYRE AND LOADING INFORMATION




































3
4
5
6
7
8
RPM
x1000


RPM
x1000
AUTO
FOG


AUTO


AUTO
FOG


REAR
ON
OFF
INT
FRONT
HI
LO
INT
OFF
INT


FRONT
HI
LO
INT
OFF
INT
REAR
ON
OFF
INT


FRONT
HI
LO
REAR
ON


OFF
INT
INT
OFF
60
70
80
40
20


60
80
40
20


60
80
40
20
VOL
1
FAV
SEEK


REAR
ON
OFF
INT
FRONT
HI
LO
INT
OFF
INT


PASSENGER AIR BAG
ROVER


SEEK
SEEK
INFO
CONFIG
TONE
AUTO
FRONT
A/C
REAR
MENU
SET/CLR
VEHICLE INFO


1
2
3
4
5
6
FAV
SOURCE
HOME
BACK
INFO
TONE
CONFIG
AUTO
FRONT
REAR
A/C
MENU
SET/CLR
VEHICLE INFO


1
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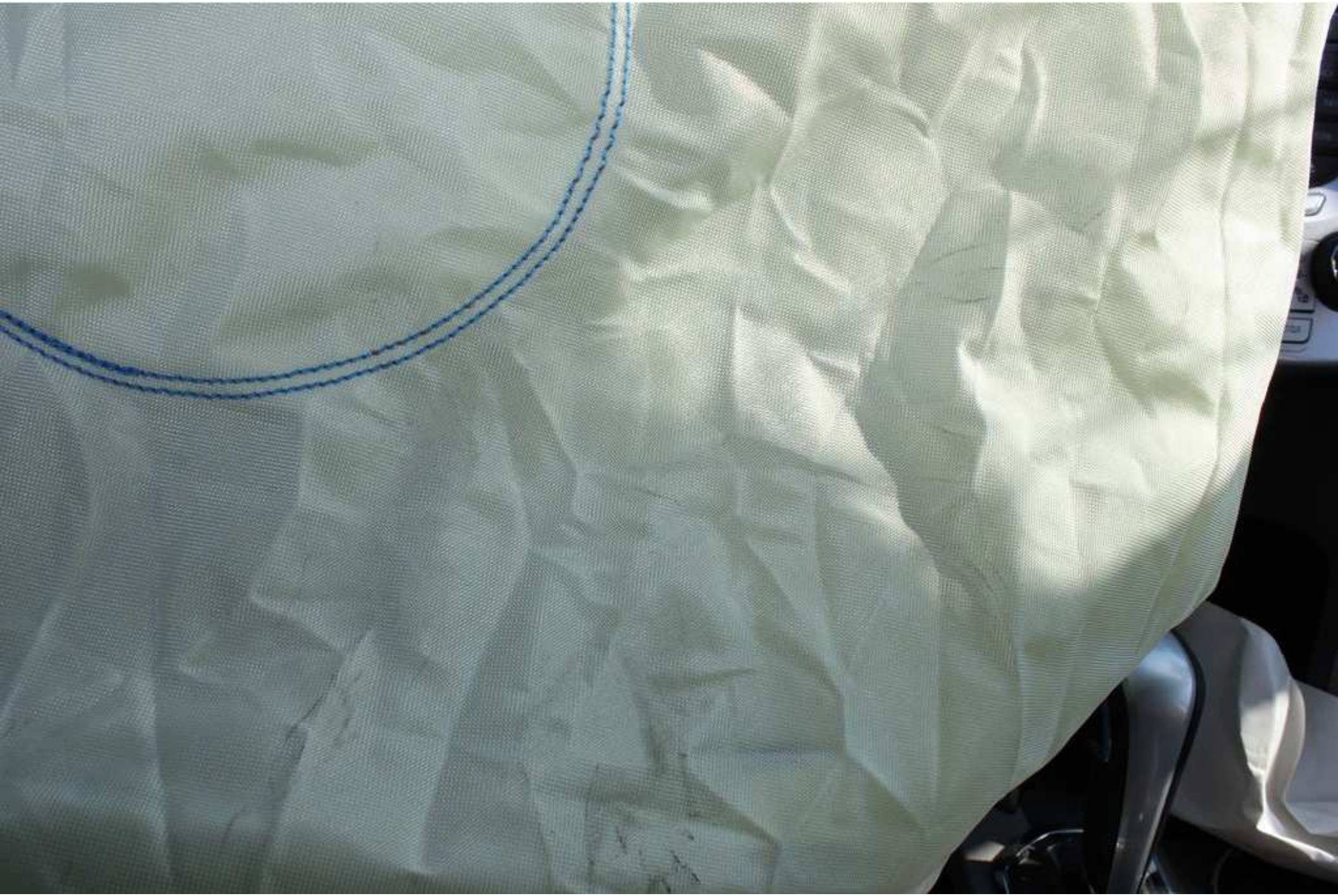
FAV
SOURCE
SEEK
SEEK
HOME
BACK
INFO
CONFIG
TONE


RANGE ROVER








CRUISE
ON / OFF
20
40
60
80
100


RANG
60
40
20


CANCEL
RES/+
SET/-
ON/OFF
CRUISE
FRONT
HI
LO
INT
OFF
INT
REAR
ON
OFF
INT
SRC


RES/+
DRIVER
40
20
FRONT


FRONT
HI
LO
INT
OFF
INT
RC
VOL
+
−


AH61668666
1226211677
SRC


HI
LO
INT
OFF
INT
SRC
VOL











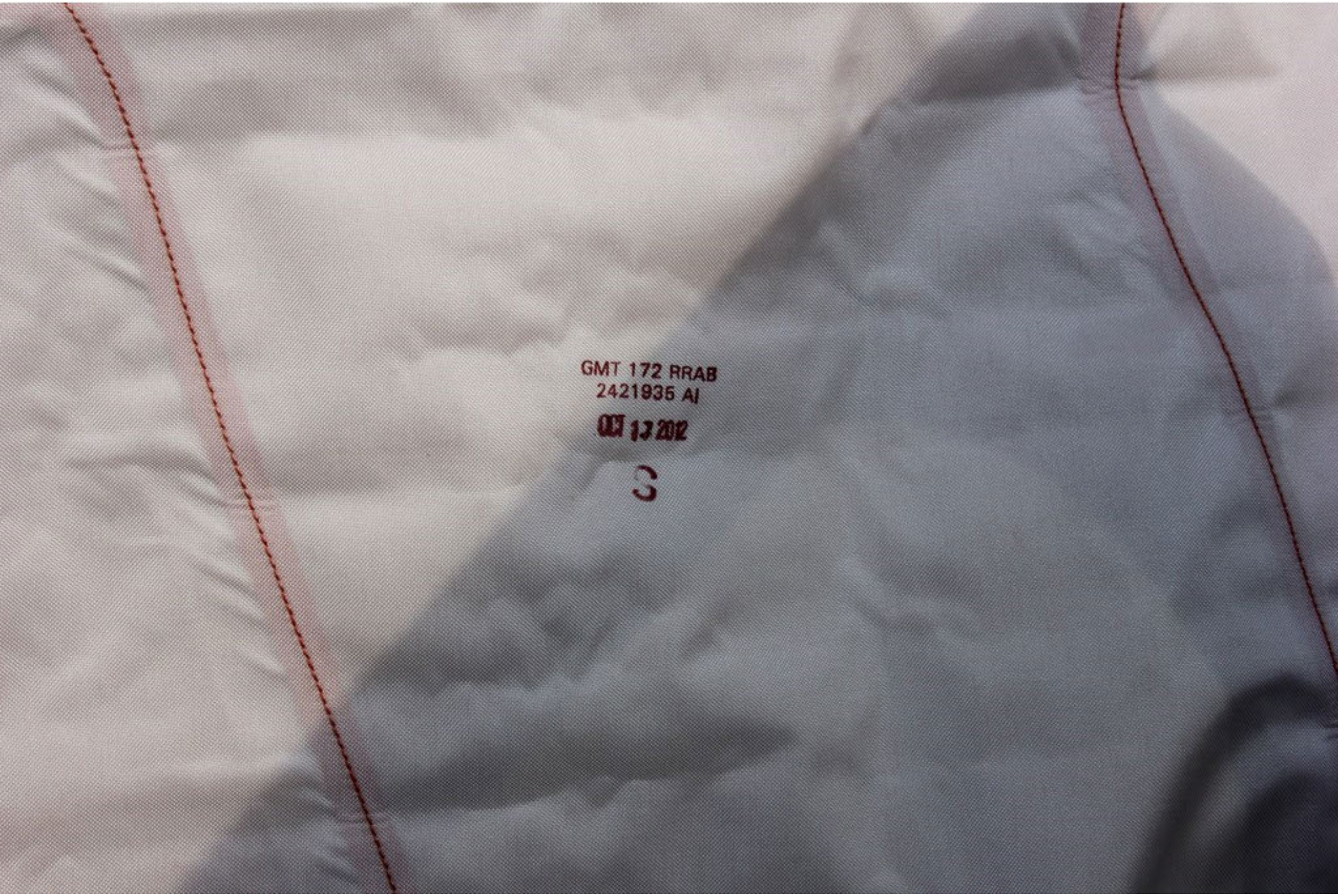

WARNING
EVEN WITH ADVANCED AIR BAGS


EVEN WITH ADVANCED








GMT 172 RRAB
2421935 AI
3



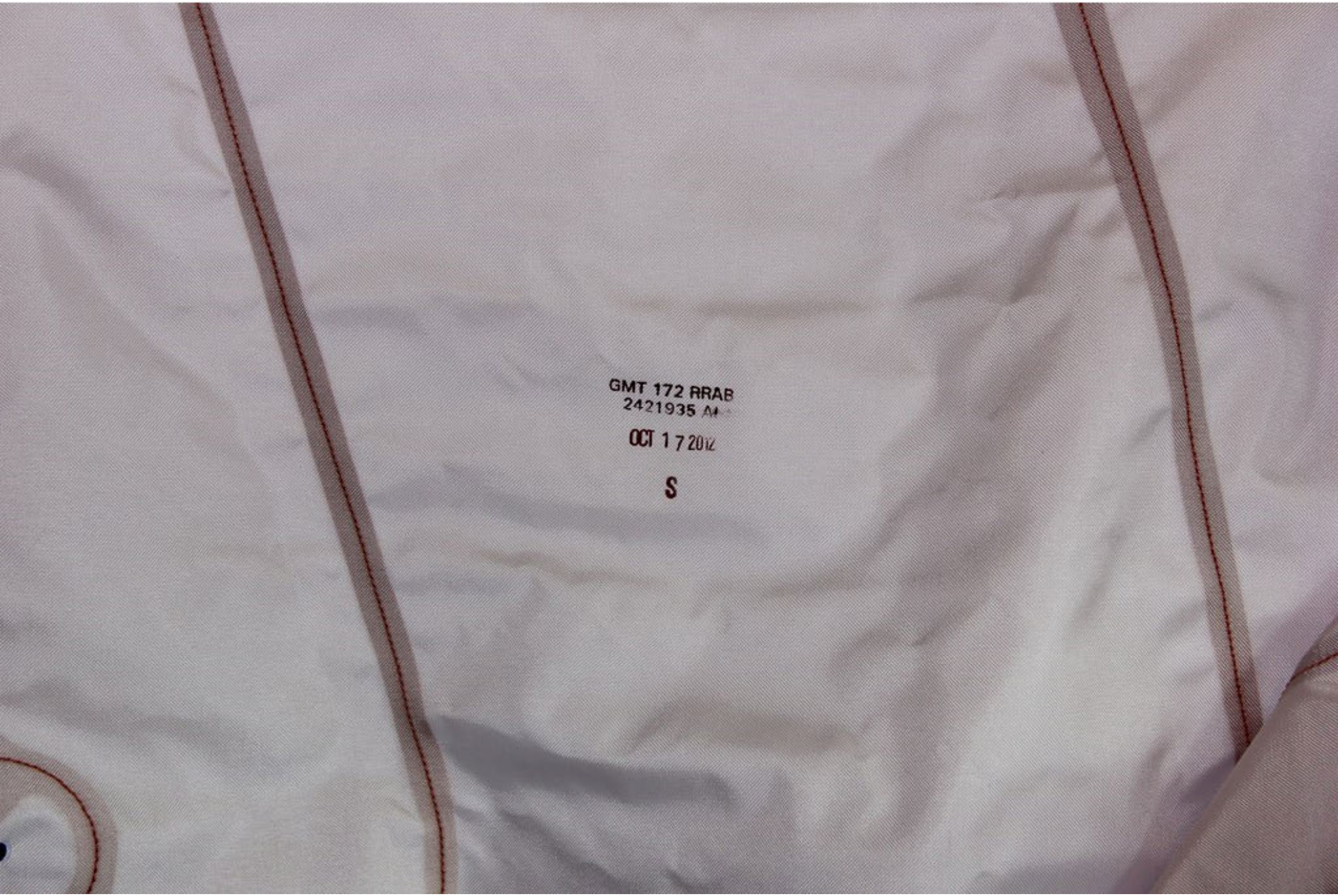








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2421935 A
OCT 17 2012
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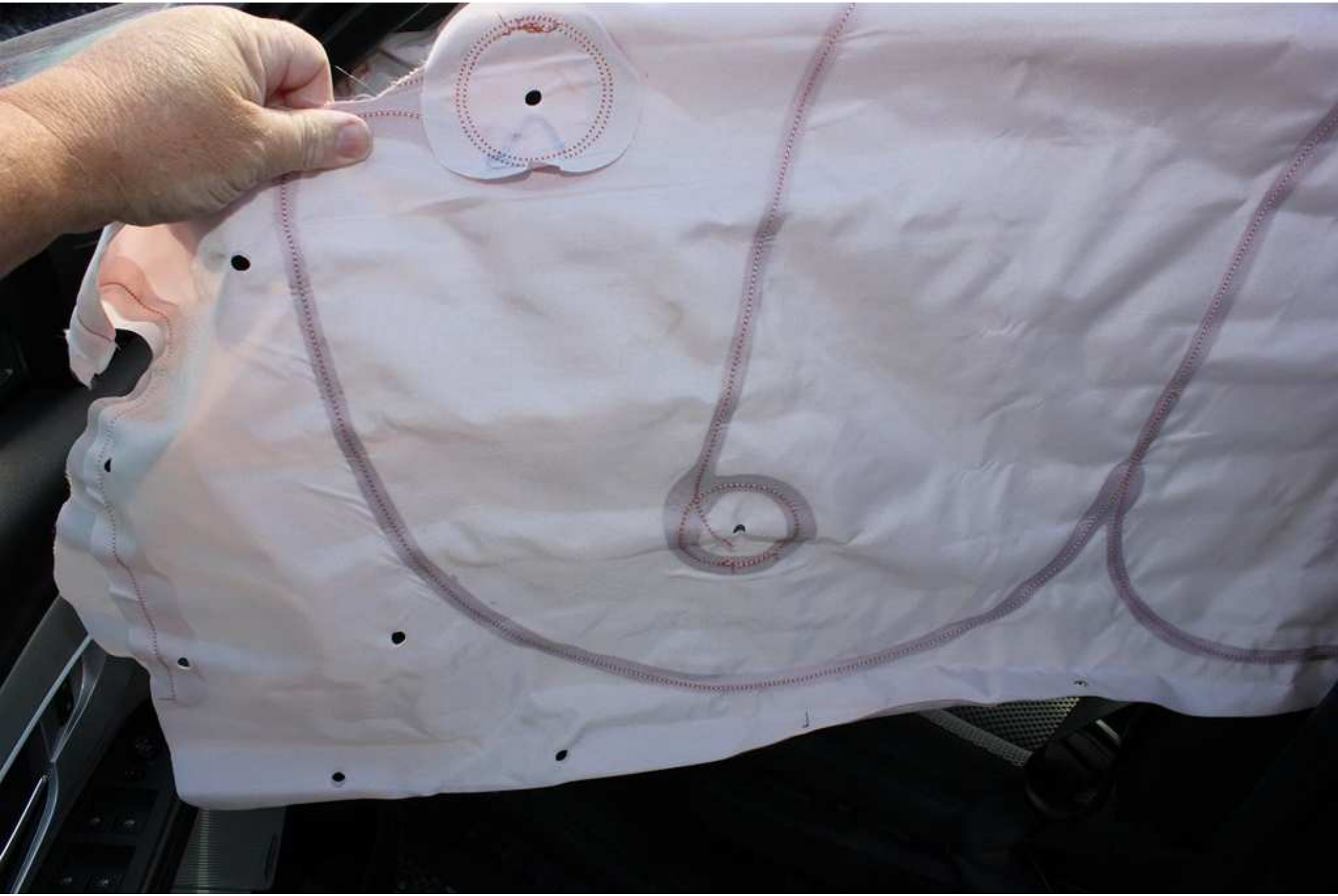
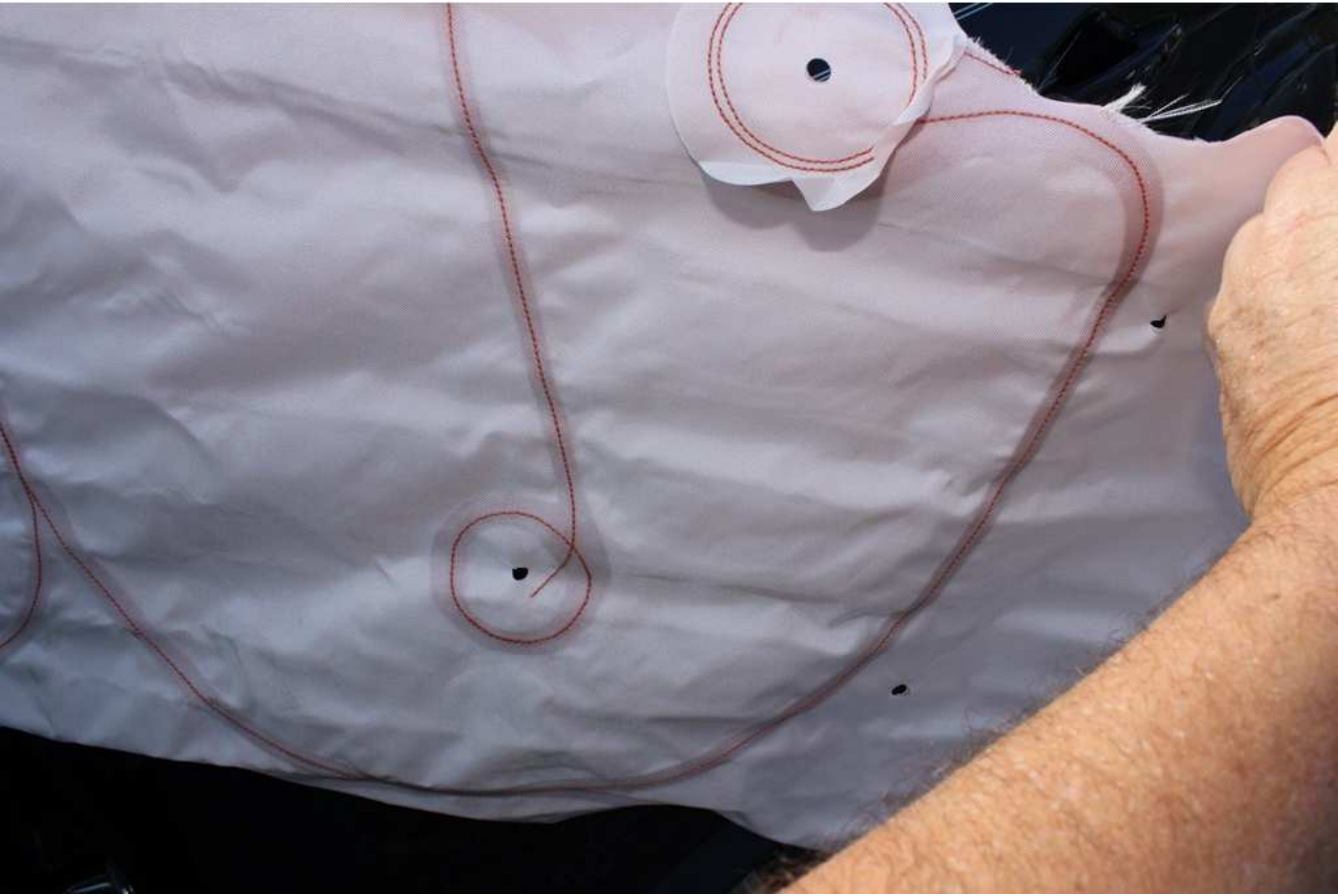













ECOTEC


ECOTEC



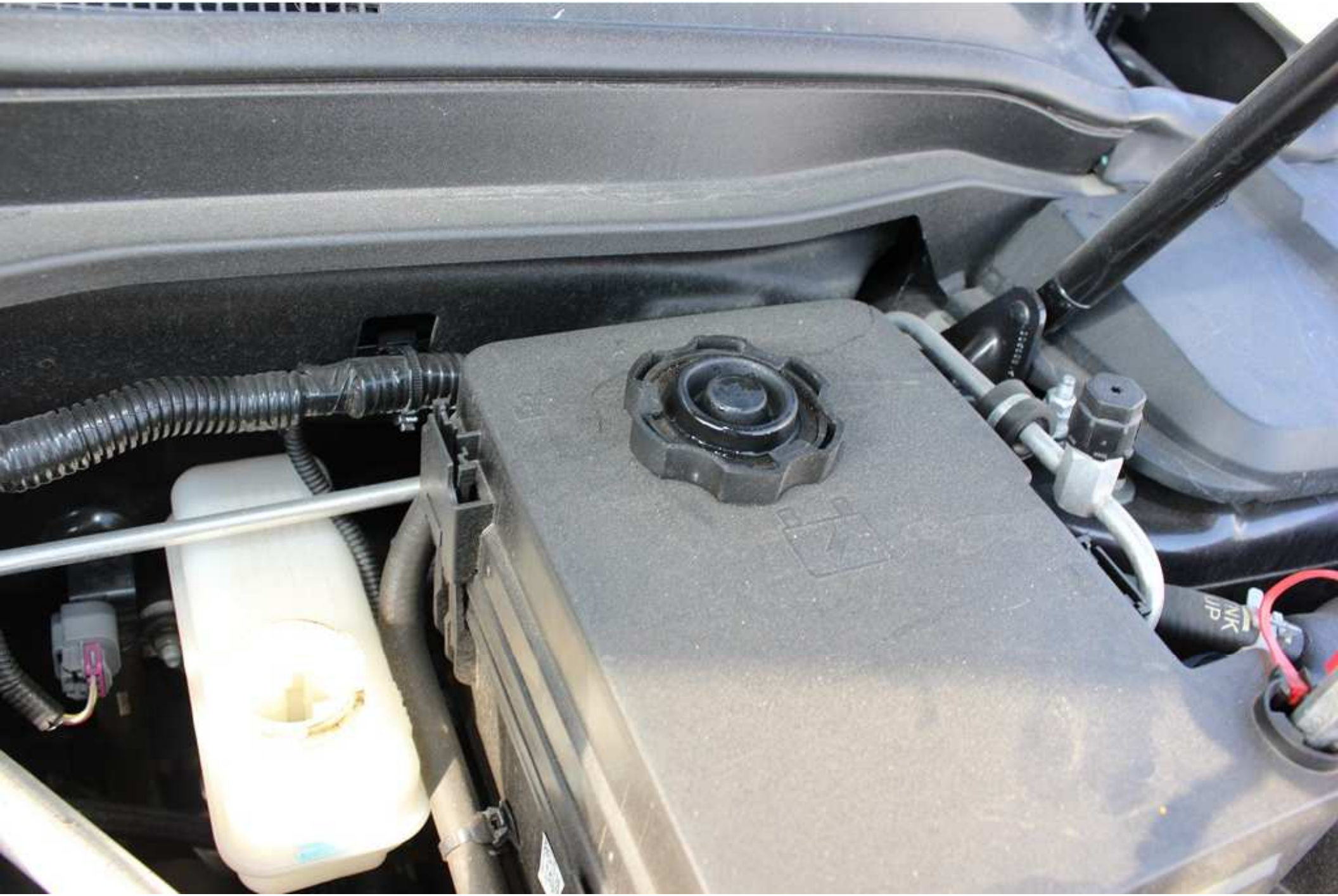




INFORMATION REDACTED PURSUANT TOTHE FREEDOM
OF INFORMATION ACT (FOIA), 5 U.S.C.552(B)(6)










J-CASE FUSES
MINI FUSES
MICRO RELAYS
MINI RELAYS
TEST POINTS
22922727


HI PWR
GM
13500114
8385
0247
13500127
1191
8430
13500113
0248
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HI PWR
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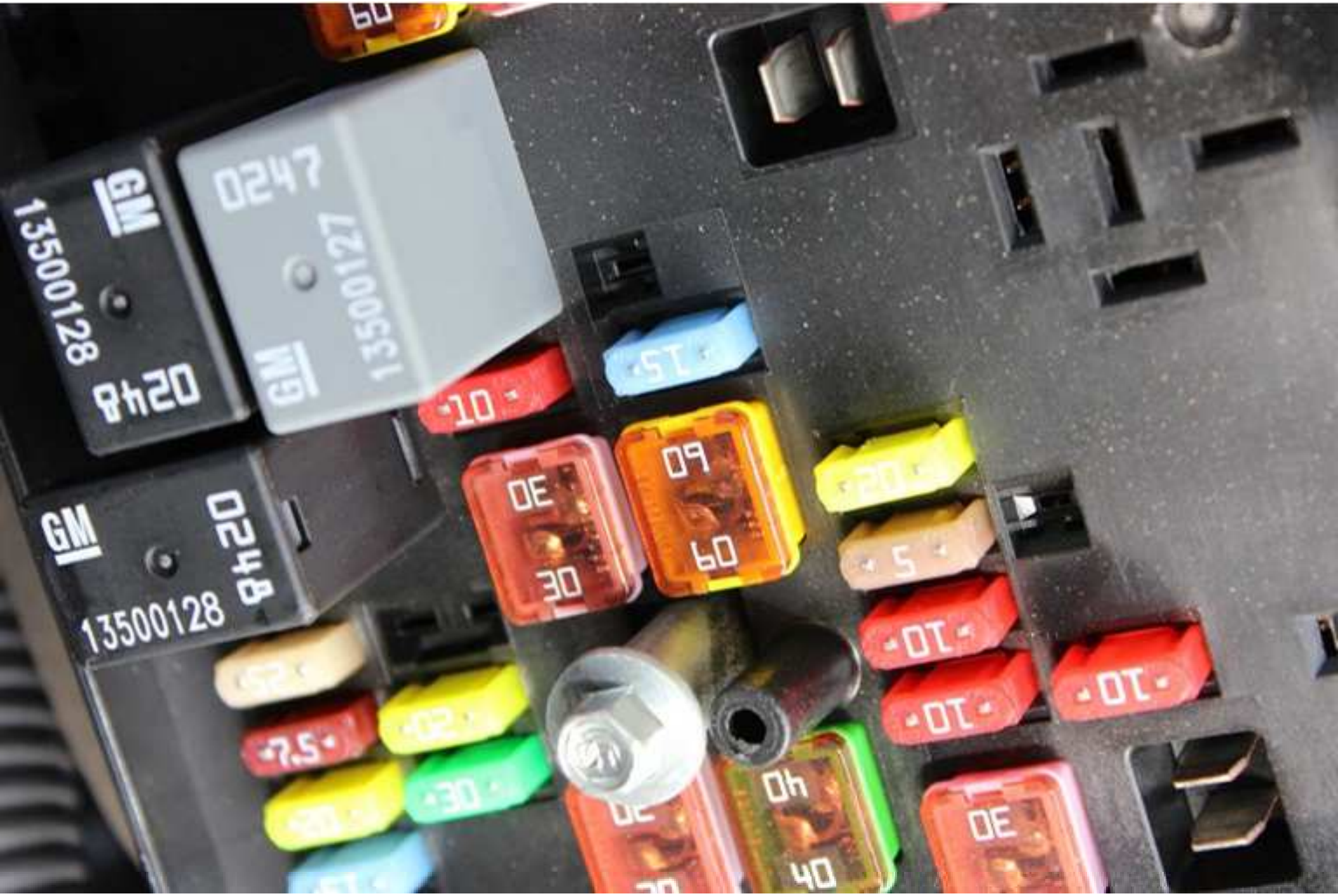
GM
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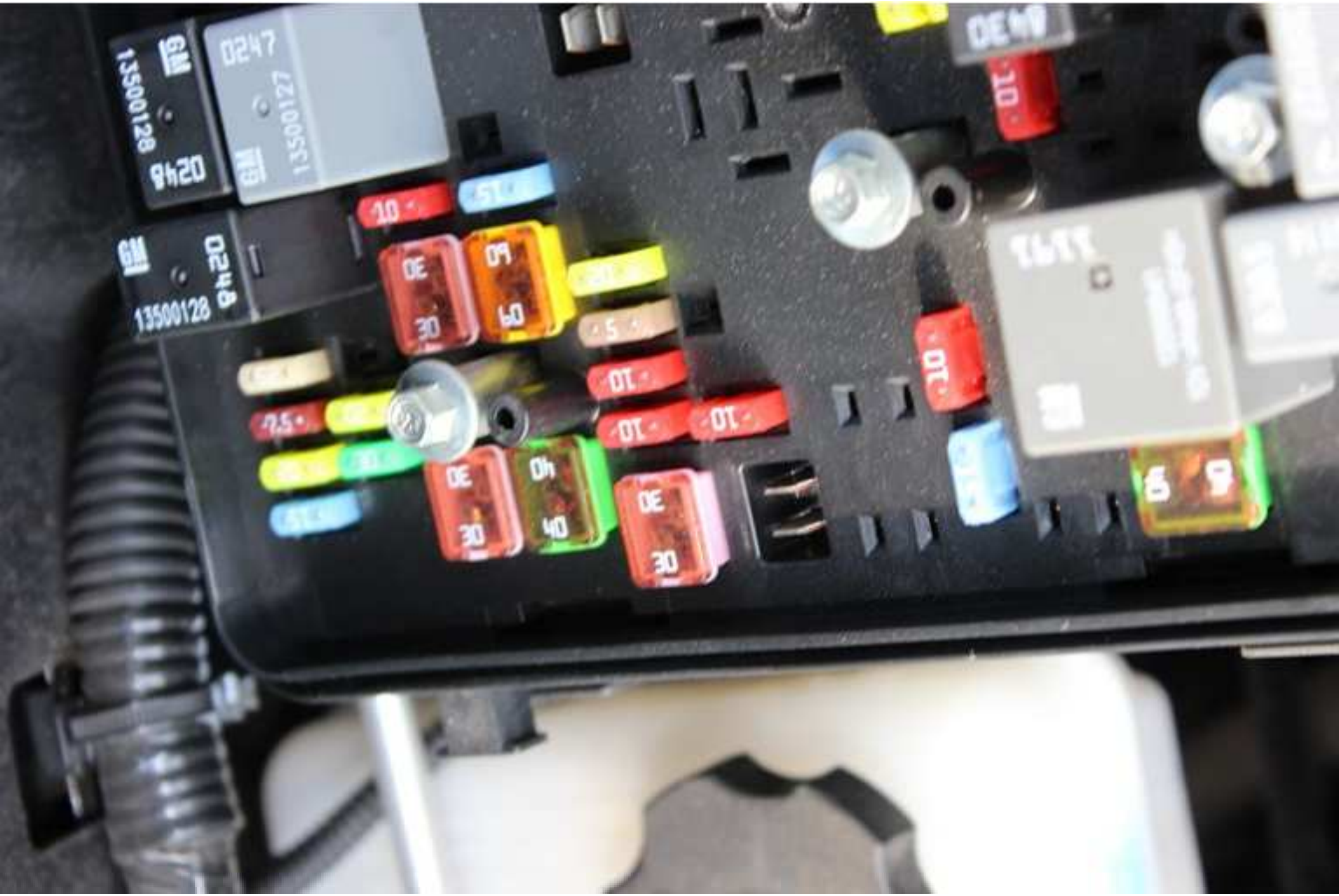
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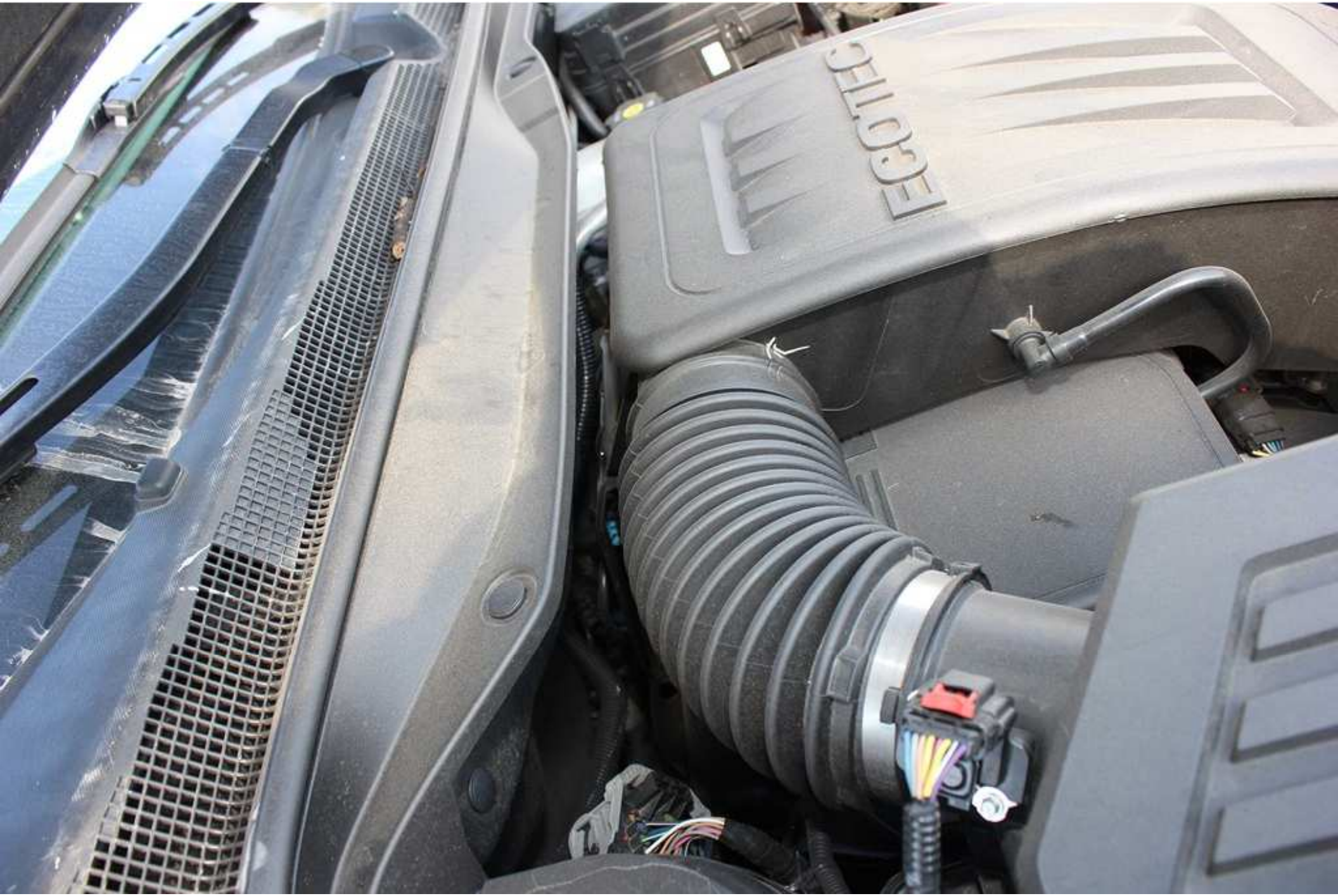
ECOTEC


ECOTEC


ECOTEC


ECOTEC








ECOTEC


EGOFEC



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Brake Fluid
Low
RPM
x1000
MPH
ABS


C
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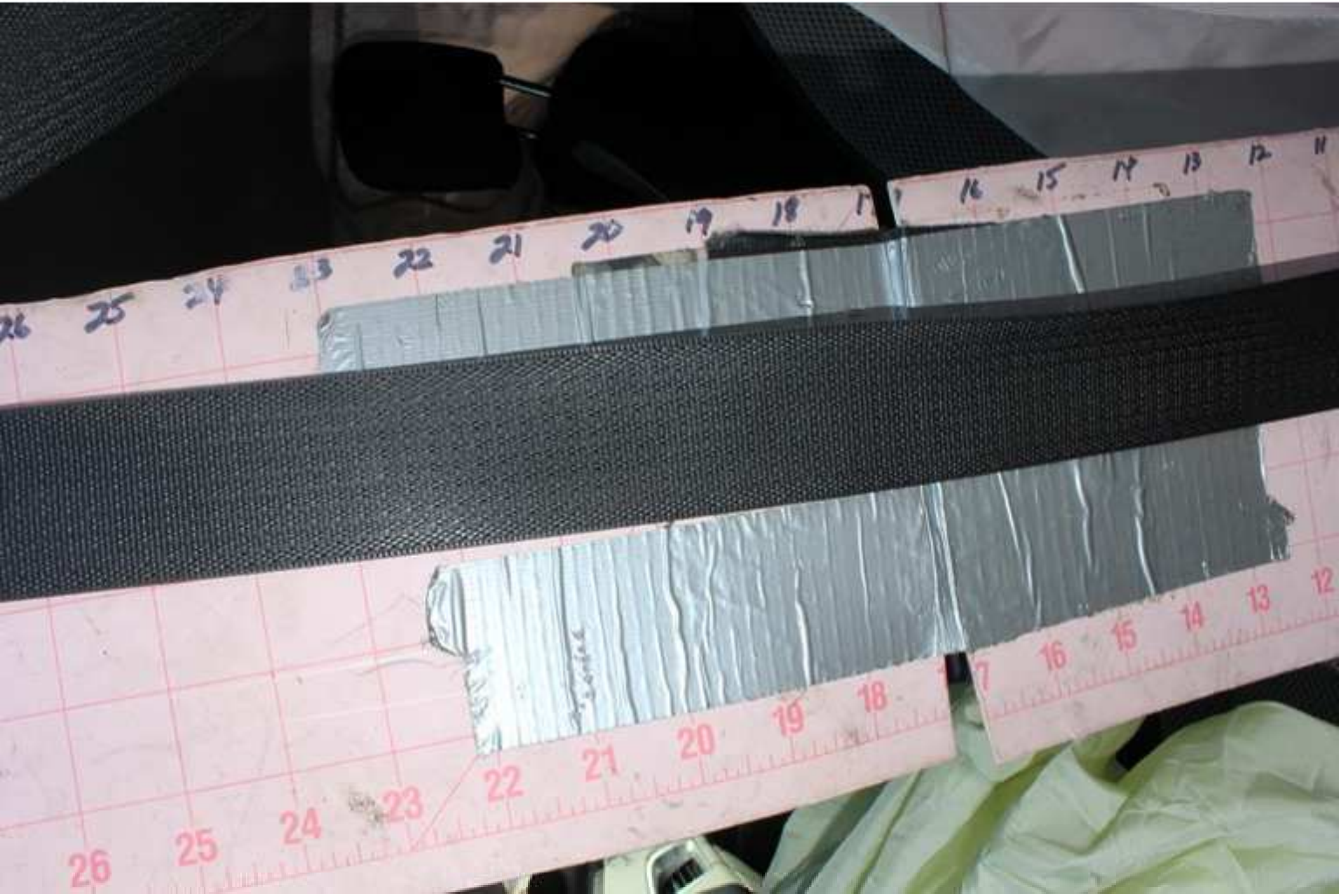
E
Service
Airbag
ABS
MPH
RPM
x1000













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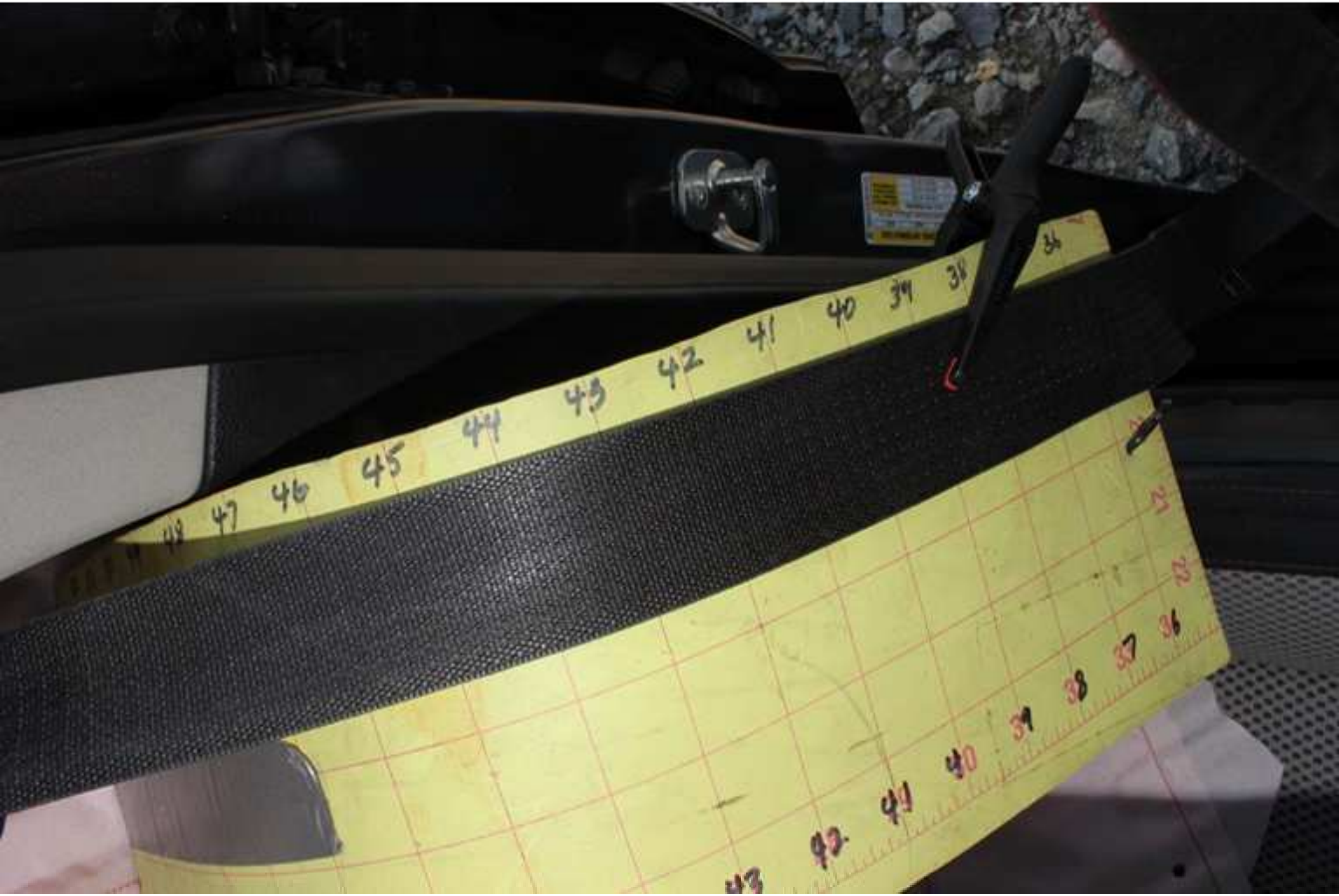


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TIRE AND LOADING INFORMATION


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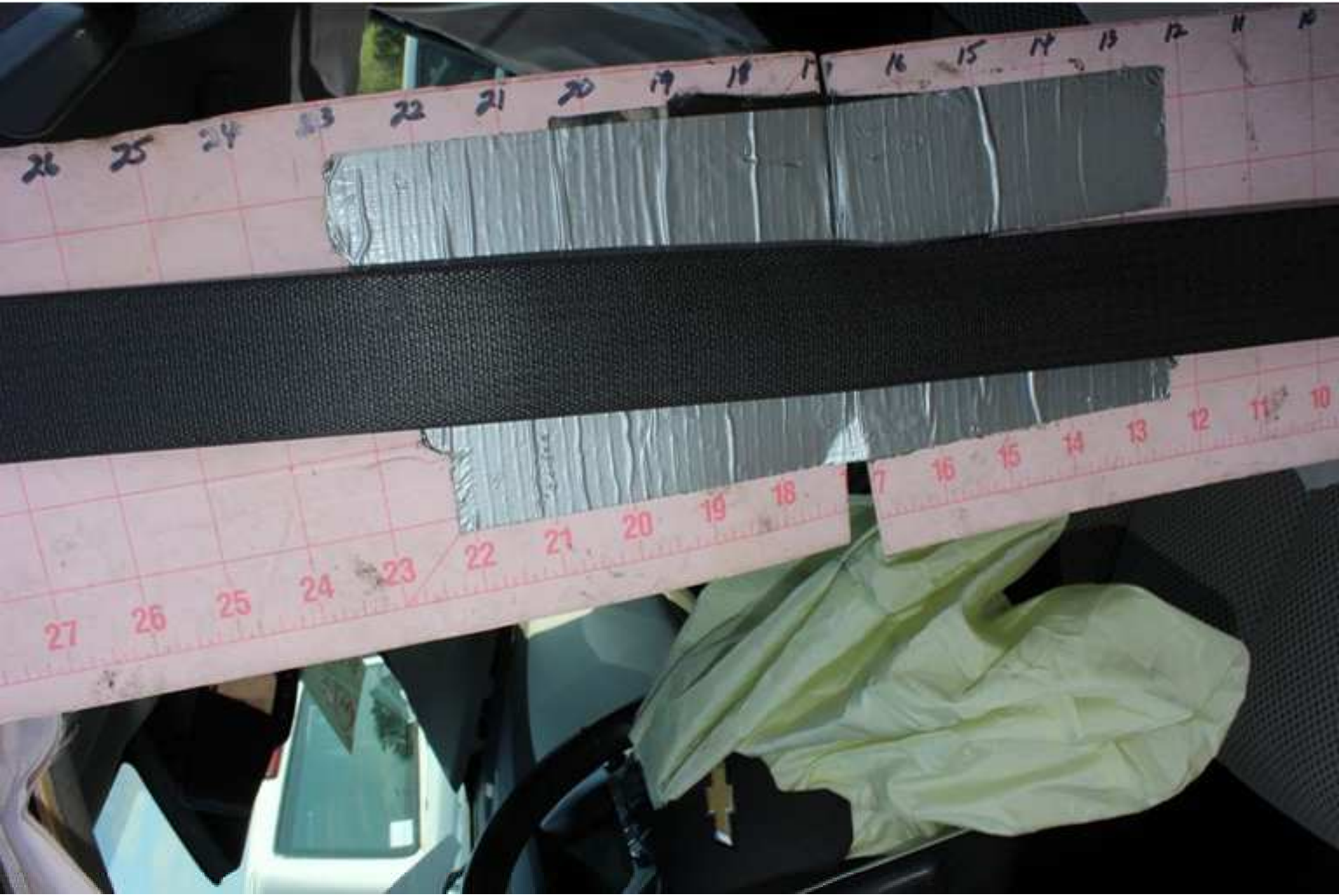



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52 51 50 49 48 47 44 43 42 41 40 39 38

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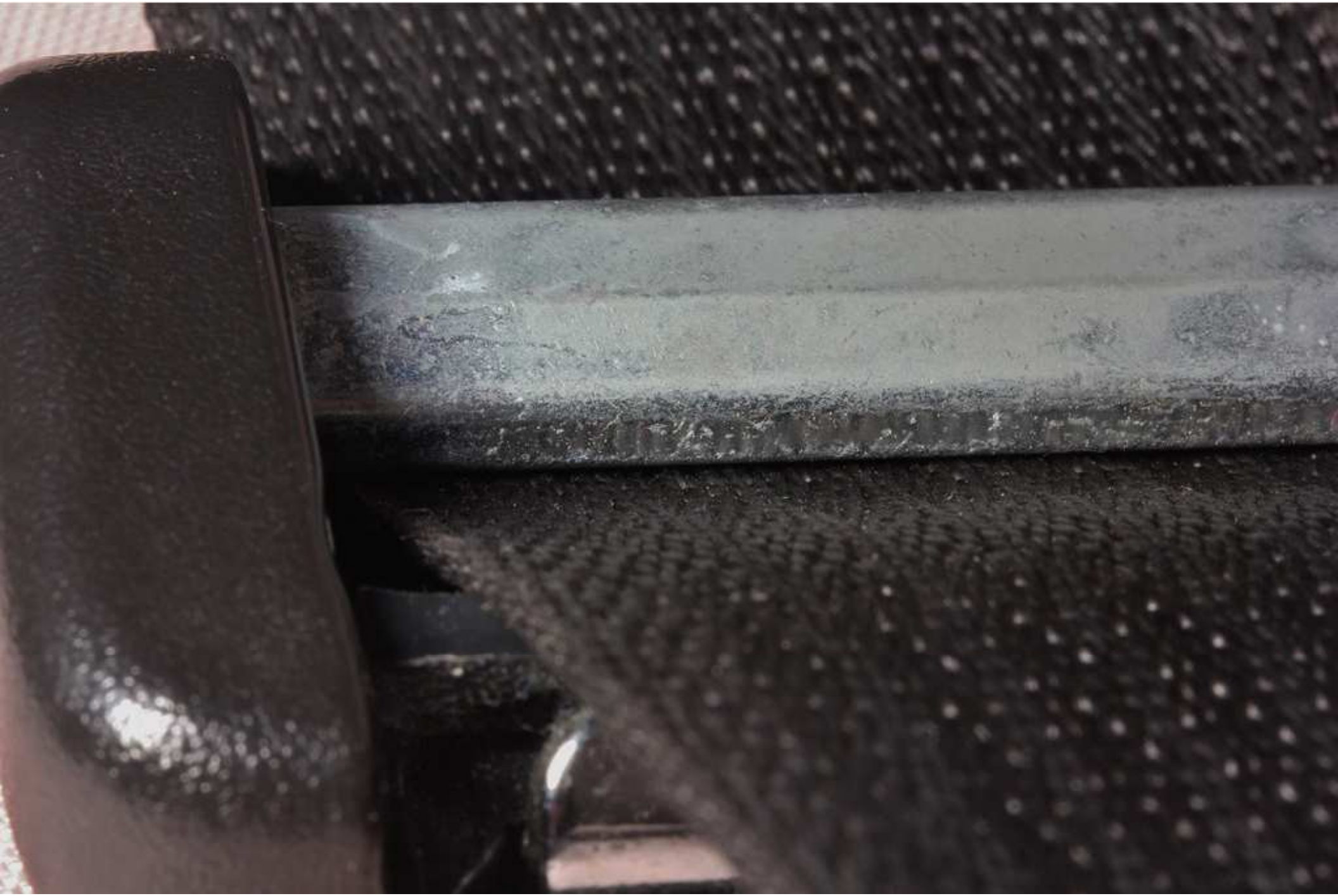





























VEHICLE MAKES
FREQUENT
STOPS


STOP

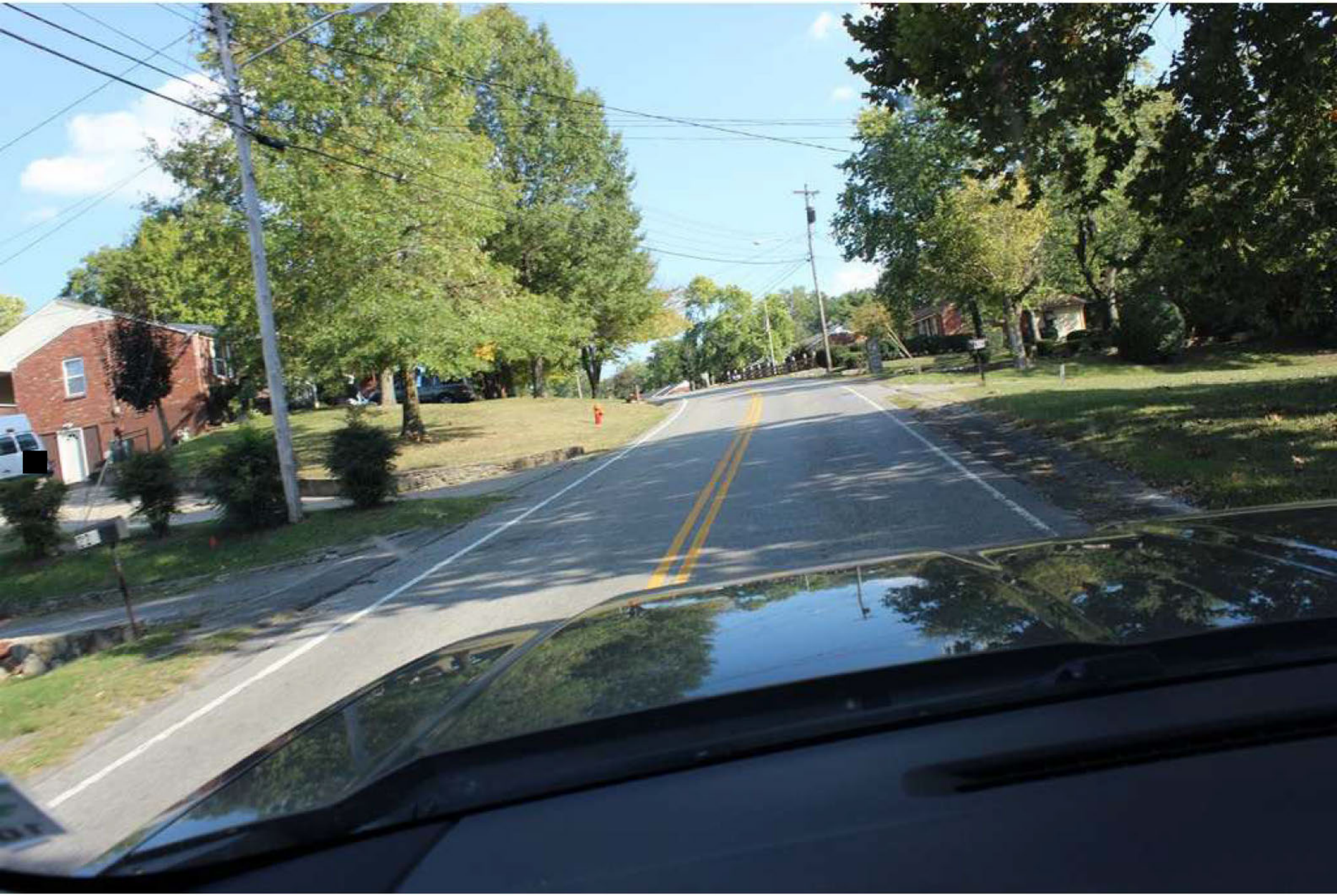

STOP








SPEED
LIMIT
30
























STOP


STOP


STOP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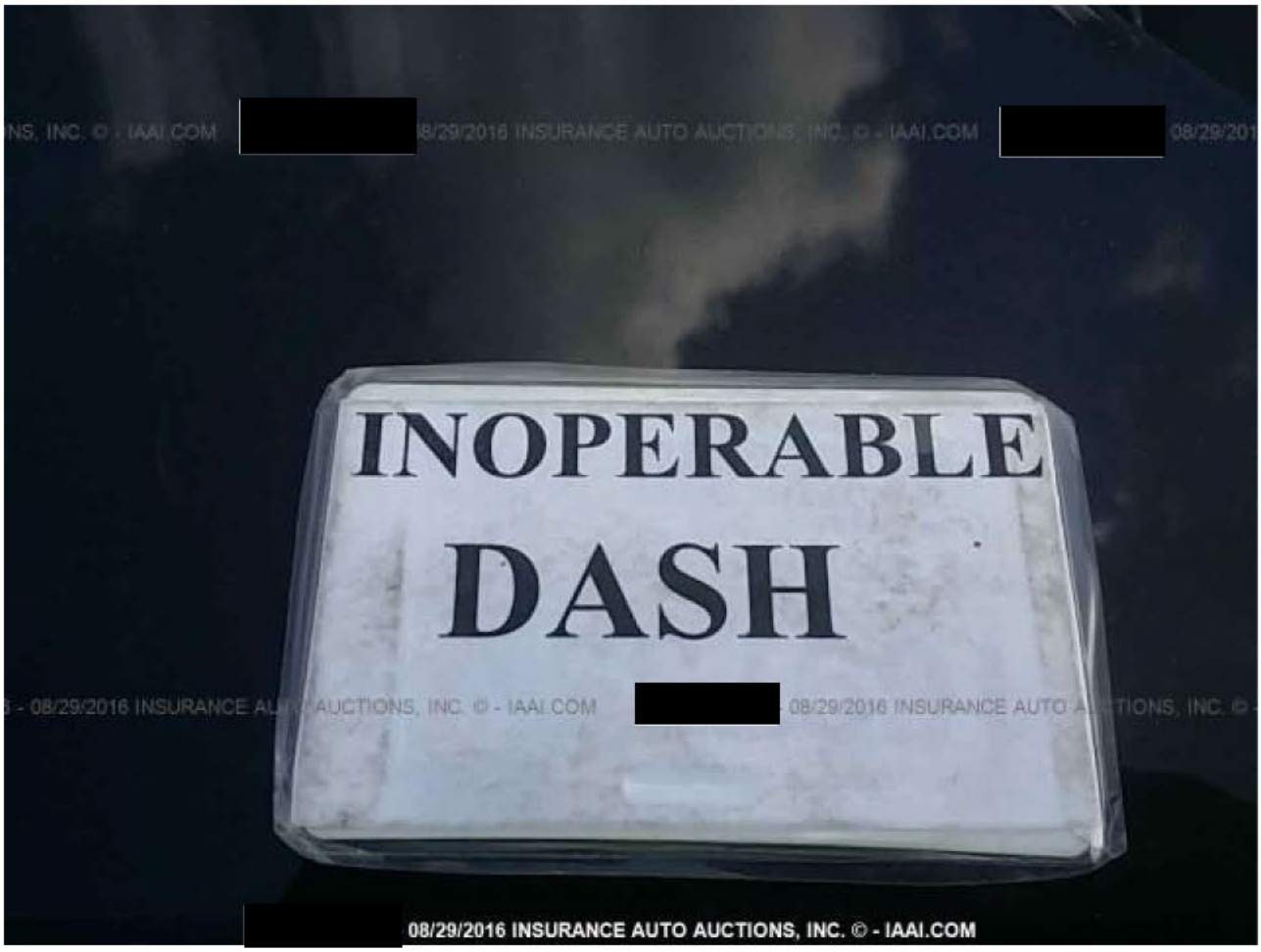
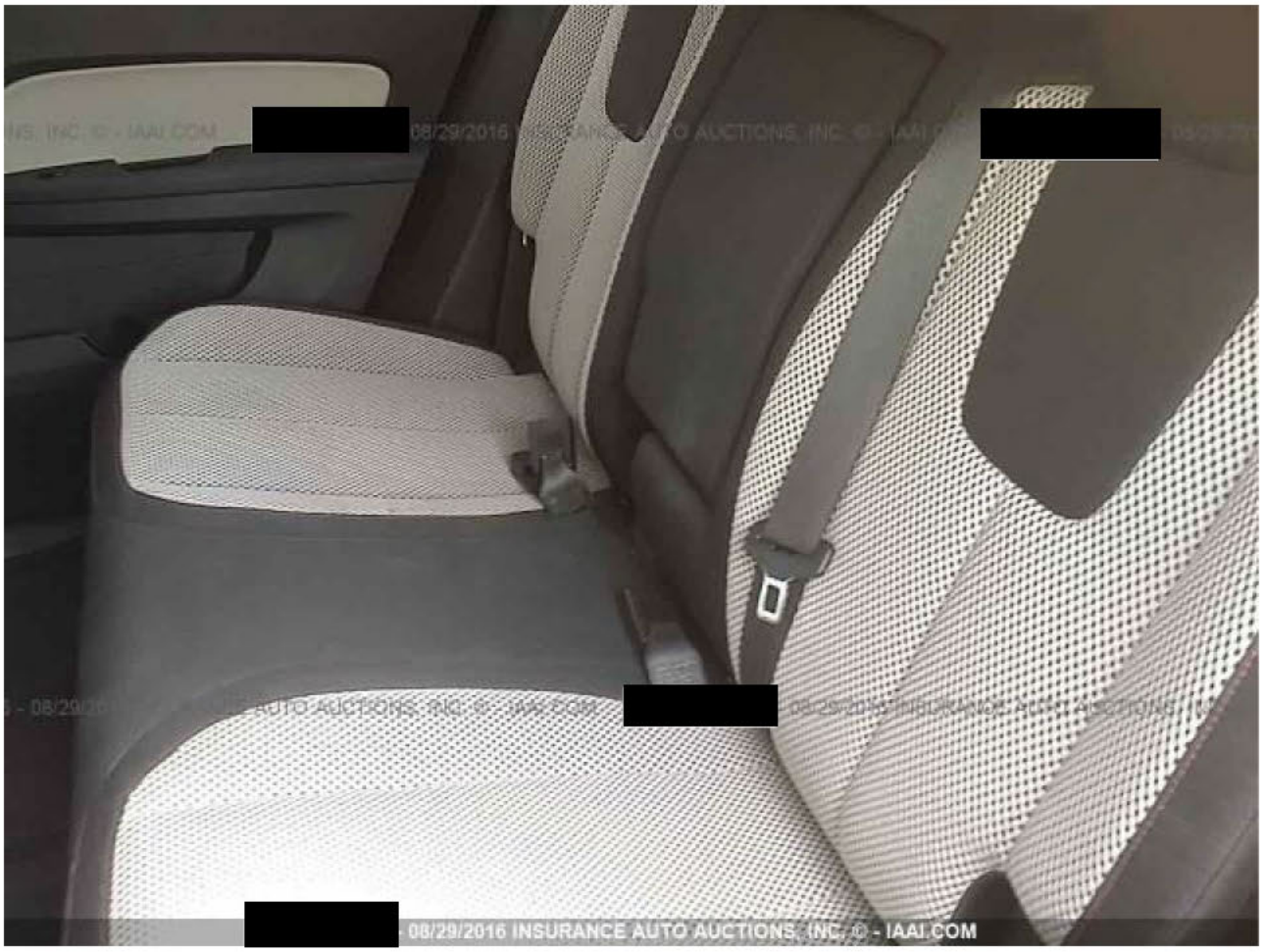

INOPERABLE
DASH
08/29/2016 INSURANCE AUTO AUCTIONS, INC. © - IAAI.COM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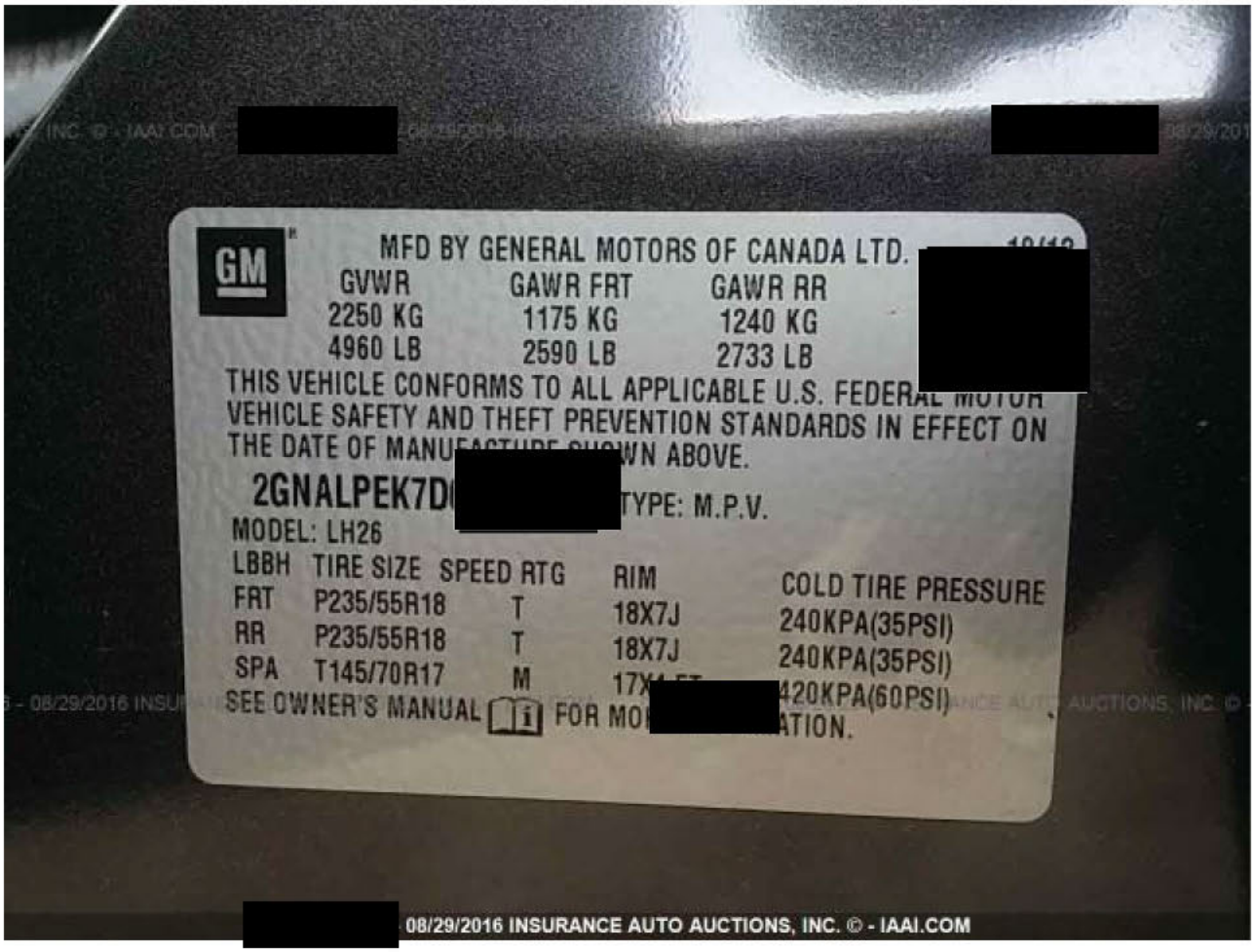
[redacted]
[redacted]
GM
MFD BY GENERAL MOTORS OF CANADA LTD.
GVWR GAWR FRT GAWR RR
2250 KG 1175 KG 1240 KG
4960 LB 2590 LB 2733 LB
[redacted]
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR
VEHICLE SAFETY AND THEFT PREVENTION STANDARDS IN EFFECT ON
THE DATE OF MANUFACTURE SHOWN ABOVE.
2GNALPEK7D[redacted] TYPE: M.P.V.
MODEL: LH26
LBBH TIRE SIZE SPEED RTG RIM COLD TIRE PRESSURE
FRT P235/55R18 T 18X7J 240KPA(35PSI)
RR P235/55R18 T 18X7J 240KPA(35PSI)
SPA T145/70R17 M 17X[redacted] 420KPA(60PSI)
SEE OWNER'S MANUAL FOR MO[redacted]ATION.
[redacted]
08/29/2016 INSURANCE AUTO AUCTIONS, INC. © - IAAI.COM


ECOTEC
08/29/2016 INSURANCE AUTO AUCTIONS, INC. © - IAAI.COM

Warranty

Logout

Main » Interface With Customer » View Vehicle Summary

View Vehicle Summary

This screen allows IVH users to view the Summary of Vehicle Information, Field Actions, Service Information, Applicable Warranties, Transaction History, Service Contract(s) if applicable, Warranty Block, Branded Title information and OnStar and XM Radio information (if applicable).

For this vehicle:
- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D6[redacted] Model: 1LH26-2013 EQUINOX FWD LT

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

Required Field Actions

Open Field Action Details are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	[redacted]	25302	Windshield Wipers	08/16/2016	Incomplete. Remedy not available

Branded Title

*The VIN information contained herein and information derived therefrom is the proprietary property of The Polk Company and is to be used only for the purpose of warranty verification and shall not be used for any other purpose whatsoever.

Vehicle has no current record of branded titles.

Warranty Block

Vehicle has no current record of warranty block.

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

Refer to Help page for details. For OnStar contact 888.ON.STAR1 (888.667.8271) and for XM Radio contact 877.GET.XMST (877.438.9677 Canada) and in the USA:800-556-3600.

OnStar Equipped: Y OnStar Status: Inactive

XM Equipped: Y XM Radio ID: W1X5R2HN XM Status: Active

OnStar Vehicle Diagnostics: N DMN Enabled: N

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	Bumper to Bumper Limited Warranty	11/19/2014	12/26/2012	11 MI	12/26/2015	36,011 MI
	Powertrain Limited Warranty	11/19/2014	12/26/2012	11 MI	12/26/2017	100,011 MI
	Special Coverage 14232	11/19/2014	12/26/2012	11 MI	12/26/2022	150,011 MI

Emission Select Component Ltd Wty	11/19/2014	12/26/2012	11 MI	12/26/2020	80,011 MI
Corrosion Limited Warranty	11/19/2014	12/26/2012	11 MI	12/26/2018	100,011 MI

Service Contract

Vehicle has no current record of service contracts.

Transaction History

View Details

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
04/15/2014	[redacted]	ZREG----Regular Vehicle Transaction		8464450 - Front Wheel Drive Shaft Seal Replacement - Left Side	21,409 MI
04/15/2014	[redacted]	ZREG----Regular Vehicle Transaction		8464970 - Torque Converter Fluid Seal Replacement	21,409 MI
09/04/2013	[redacted]	ZREG----Regular Vehicle Transaction		1031240 - Instrument Panel Lower Extension Accessory Bezel Replacement	8,700 MI
10/25/2012	[redacted]	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

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Warranty

Logout

September 26, 2016

Global Warranty Management > Main > Interface With Customer > View Vehicle Build

INTERFACE WITH CUSTOMER

View Vehicle Build

This screen allows IVH users to view the initial build information on the selected VIN including option codes with descriptions (where available).

For this vehicle:
- → View Vehicle Summary
  - → Service Contract
  - → Branded Title
  - → Warranty Block
- → View Vehicle Build
- → View Vehicle Component Summary
- → View Vehicle Transaction History Detail
- → View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D6[redacted] Model: 1LH26-2013 EQUINOX FWD LT

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

REQUEST ANOTHER VIN

Vehicle Build

Model: 1LH26-2013 EQUINOX FWD LT

Gross Vehicle Weight: 2,252

Order Number: [redacted]

Build Date: 10/23/2012

Build Plant: 6

Option Codes

*IVH is not the definitive source of GM Vehicle RPO information and is intended for service reference only. Should there be any questions about the vehicle's original build or RPO information please refer to the original vehicle invoice or window sticker.

01C - SEAT TRIM LT TITANIUM	1AD - DR PANEL TRIM LT TITANIUM
1SZ - OPTION PACKAGE DISCOUNT	2LT - FWD 2LT
4AP - INTERIOR TRIM JET BLACK/ BROWNSTONE	AE8 - PWR SEAT ADJUST-DRIVER, 8-WAY
AFK - LIGHT TITANIUM/DARK BLACK	AKO - GLASS, DEEP TINTED (EXCEPT WINDSHIELD, DRIVER/PASS SIDE GLASS)
AL0 - AIRBAG SENSING SYSTEM, PASSENGER	AR9 - SEAT, FRONT BUCKET
AT8 - RR CHILD SEAT RESTRAINT	ATG - REMOTE KEYLESS ENTRY
AXP - MPV VIN IDENT POSITION	AY0 - AIRBAGS, DRIVER & FRONT PASS. FRONT/SIDE IMPACT. AIRBAGS SIDE HEAD CURTAIN
B1A - PLANT CODE INGERSOL, ONT CANADA	B37 - FLOOR MATS FRONT & REAR
BTV - REMOTE VEHICLE STARTER SYSTEM	C68 - AIR CONDITIONING AUTOMATIC CLIMATE CONTROL
DCP - 6 MTHS ONSTAR DIRECTIONS & CONNECTIONS W/ AUTOMATIC CRASH RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)	DD8 - INSIDE REARVIEW MIRROR, AUTO-DIMMING
DL8 - POWER HEATED OUTSIDE MIRRORS,-DRIVER SIDE	EAZ - TRIM SEAT CLOTH, PLATEAU
EF7 - COUNTRY UNITED STATES OF AMERICA (USA)	F82 - AXLE, 3.23 FINAL DRIVE RATIO
FBZ - TRIM DOOR VINYL, DARWIN	FE1 - SUSPENSION SYSTEM
FE9 - 50-STATE EMISSIONS	FHO - VEHICLE FUEL GASOLINE E10
GXG - TUNGSTEN METALLIC	GZL - 4,960 LBS GVWR
I13 - ENGINEERING MODEL YEAR	JL9 - ANTI-LOCK BRAKE SYSTEM, 4 WHEEL DISC
K09 - ALTERNATOR, 120 AMPS	K34 - CRUISE CONTROL
KA1 - DRIVER & FRONT PASSENGER HEATED SEATS	LEA - ENGINE, 2.4L DOHC 4 CYL W/ VVT
MAH - MARKETING AREA US, PUERTO RICO /USVI	MH7 - TRANSMISSION 6 SPD AUTO, HMD
MX0 - 6 SPD AUTOMATIC TRANSMISSION	N37 - STEERING COLUMN, TILT AND TELESCOPIC
NP5 - LEATHER WRAP STEERING WHEEL	NT7 - FEDERAL EMISSION SYSTEM TIER 2
QCS - TIRE SPARE	QNT - TIRES, P235/55R 18 ALL SEASON
R9N - PROCESSING CODE - SEAT	ROO - TRACKING CODE
RSX - WHEELS, 18" CHROME CLAD ALUMINUM	S1G - WHEEL SPARE
SLM - STOCK ORDERS	T96 - FOG LAMPS, FRONT
TB5 - REAR LIFTGATE, POWER	U2K - XM RADIO + SERVICE SUBSCRIPTION SOLD

	SEPARATELY BY SIRIUS XM AFTER 3 MOTHS
U80 - COMPASS DISPLAY	UE1 - 6 MTHS ONSTAR DIRECTIONS AND CONNECTIONS WITH AUTOMATIC DEPLOYMENT RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)
UFU - RADIO, AM/FM CD PLAYER 7" COLOR SCREEN DISPLAY	UG1 - UNIVERSAL HOME REMOTE
UJM - TIRE PRESSURE MONITOR	UK3 - STEERING WHEEL CONTROLS
UP9 - * CHEVROLET MYLINK, HANDS-FREE SMARTPHONE INTEGRATION WITH PANDORA AND STITCHER, BLUETOOTH AUDIO STREAMING * VOICE-ACTIVIATED TECHNOLOGY	UVC - REAR VISION CAMERA SYSTEM
UZ8 - PREMIUM 8 SPEAKER SYSTEM WITH AMPLIFICATION AND EQUALIZATION	V59 - LUGGAGE RACK SIDE RAILS ROOF MOUNTED
V8D - VEHICLE STATEMENT US	VQN - NOISE CONTROL ACTIVE INTERIOR
VT7 - OWNERS MANUAL, ENGLISH	VZD - MODEL YEAR IDENTIFIER
YB6 - AXLE	YD5 - SPRING FRONT BASE EQUIPMENT
YD6 - SPRING REAR BASE EQUIPMENT	

Added Option Codes

~DA -

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Warranty

Logout

Main > Interface With Customer > View Vehicle Component Summary

View Vehicle Component Summary

This screen allows IVH users to view the information on various major components added to the VIN selected during vehicle build.

For this vehicle:
- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D[redacted] Model: 1LH26-2013 EQUINOX FWD LT

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

Vehicle Component

Vehicle has no current record of vehicle component.

Service Agent Installed Component

Vehicle has no current record of vehicle component.

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Warranty

Logout

View Vehicle Transaction History Detail

This screen allows IVH users to view the available information on individual transaction for the VIN selected.

For this vehicle:
- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D6[redacted] Model: 1LH26-2013 EQUINOX FWD LT
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

Job Card Date: 04/15/2014 **Job Card Number:** [redacted]

Repair Service Agent: [redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646
4235359455

Odometer Reading: 21,409 MI
Authorization Code:

Process Date:
05/02/2014

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0344-Transmission - Fluid Leaks

Job Card Line #: 2 Transaction Adjustment: Cause Code: 4061-Interface (Gasket, Seal, Hose, Weld..) - Leaks

Labour Op 8464450-Front Wheel Drive Shaft Seal Replacement - Left Side
Causal Part Number 00000000019256468-SEAL KIT,FRT WHL DRV SHF
→See other Parts and/or Net Items

Job Card Date: 04/15/2014 **Job Card Number:** [redacted]

Repair Service Agent: [redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646
4235359455

Odometer Reading: 21,409 MI
Authorization Code: E

Process Date:
05/02/2014

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0344-Transmission - Fluid Leaks

Job Card Line #: 1 Transaction Adjustment: Cause Code: 4061-Interface (Gasket, Seal, Hose, Weld..) - Leaks

Labour Op 8464970-Torque Converter Fluid Seal Replacement
Causal Part Number 00000000024266675-SEAL ASM-T/CV FLUID
→See other Parts and/or Net Items

Job Card Date: 09/04/2013 **Job Card Number:** [redacted]

Repair Service Agent: [redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646
4235359455

Odometer Reading: 8,700 MI
Authorization Code:

Process Date:
09/09/2013

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0890-Interior - Other issues

Job Card Line #: 1 Transaction Adjustment: Cause Code: 2015-Surface (interior) - Blemish

Labour Op 1031240-Instrument Panel Lower Extension Accessory Bezel Replacement

Causal Part Number 0000000000020903155-BEZEL ASM-F/FLR FRT CNSL ACSRY TR

—See other Parts and/or Net Items

Job Card Date: 10/25/2012 **Job Card Number:** [redacted]

Repair Service Agent: [redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646
4235359455

Odometer Reading: 1 MI
Authorization Code:

Process Date:
10/25/2012

Transaction Type:
ZPDI----Pre-Delivery Inspection

Transaction Expense Category:
Pre-Delivery Inspection

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op Z7000-Pre-Delivery Inspection - Base Time

Causal Part Number

Global Warranty Management: Site Map

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Warranty

Logout

View Vehicle Delivery Information

This screen allows IVH users to view the available information for the selected VIN delivered to the Service Agent and the ultimate customer. Not all sections will be populated for all VINs.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D6[redacted] Model: 1LH26-2013 EQUINOX FWD LT
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Invoice Information

Invoicing Service Agent: 278[redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646 4235359455

Invoice Date: 10/23/2012

Ship to Information

Ship to Service Agent: 278[redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646 4235359455

Ship to Date: N/A

Delivery Information

Delivery Service Agent: 278[redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646 4235359455

Delivery Date: 12/26/2012
Delivery Type: 015---RETAIL LEASE - INDIVIDUAL
Delivery Odometer: 11

In Service Information

Invoicing Service Agent:

In Service Date: N/A
In Service Type: 0000
In Service Odometer: 0

Registration Information

Registration Service Agent: N/A

Registration Date: N/A
Registration Number: N/A
Registration Odometer: 0

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CARFAX® Vehicle History Report™

An independent company established in 1986

US $39.99

Vehicle Information:
2013 CHEVROLET EQUINOX LT
VIN: 2GNALPEK7D6[redacted]
4 DOOR WAGON/SPORT UTILITY
2.4L L4 DIR DOHC 16V
FRONT WHEEL DRIVE

CARFAX Report Provided By:
ESIS GM
300 Renaissance Ctr
Detroit, MI 48243
586-212-2141

- Total loss vehicle
- Airbag deployed
- **3** Previous owners
- **11** Service history records
- Types of owners: Personal lease, Lease, Personal
- **60,000** Last reported odometer reading



This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 9/26/16 at 9:30:37 AM (EDT). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

Ownership History

The number of owners is estimated

	Owner 1	Owner 2	Owner 3
Year purchased	2012	2014	2016
Type of owner	Personal lease	Lease	Personal
Estimated length of ownership	4 months	1 yr. 4 mo.	4 months
Owned in the following states/provinces	Tennessee	Tennessee	Tennessee
Estimated miles driven per year	---	18,390/yr	---
Last reported odometer reading	27,847	54,113	60,000

Title History

CARFAX guarantees the information in this section

	Owner 1	Owner 2	Owner 3
Salvage | **Junk** | **Rebuilt** | **Fire** | **Flood** | **Hail** | **Lemon**	No Problem	No Problem	No Problem
Not Actual Mileage | **Exceeds Mechanical Limits**	No Problem	No Problem	No Problem

Additional History

Not all accidents / issues are reported to CARFAX

	Owner 1	Owner 2	Owner 3
Total Loss Total loss reported on 08/22/2016.	No Issues Reported	No Issues Reported	Total Loss Reported
Structural Damage No structural damage reported to CARFAX.	No Issues Reported	No Issues Reported	No Issues Reported

Airbag Deployment Airbag deployment reported on 08/22/2016.	✓ No Issues Reported	✓ No Issues Reported	⚠ Airbag Deployment
Odometer Check No indication of an odometer rol back.	✓ No Issues Indicated	✓ No Issues Indicated	✓ No Issues Indicated
Accident / Damage Accidents reported on: 03/23/2015 and 08/22/2016.	✓ No Issues Reported	⚠ Accident Reported	⚠ Accident Reported
Manufacturer Recall No open recalls reported to CARFAX. Check for open recalls on GM vehicles at recalls.gm.com.	✓ No Recalls Reported	✓ No Recalls Reported	✓ No Recalls Reported

CARFAX Detailed History

Glossary

Owner 1

Purchased:	2012
Type:	Personal lease
Where:	Tennessee
Est. length owned:	12/22/12 - 5/21/13 (4 months)

Date:	Mileage:	Source:	Comments:
Original Equipment		OnStar	Vehicle equipped with OnStar Get 3 free months of premium OnStar with Automatic Crash Response, Roadside Assistance and Remote Door Unlock by pressing the blue OnStar button Learn more
11/05/2012		Dealer Inventory Chattanooga, TN	Vehicle offered for sale
11/09/2012	12	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Vehicle serviced
12/22/2012		Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Vehicle sold
12/22/2012		Tennessee Motor Vehicle Dept.	Vehicle purchase reported Titled or registered as personal lease vehicle
02/13/2013	2,250	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Vehicle serviced
02/15/2013		Tennessee Motor Vehicle Dept. Cockeysville, MD Title # [redacted]	Title or registration issued First owner reported Loan or lien reported Vehicle color noted as Green
04/03/2013	3,653	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Maintenance inspection completed Oil and filter changed
05/21/2013		Dealer Inventory	Vehicle offered for sale
08/30/2013	8,672	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Vehicle serviced
12/13/2013	13,984	Integrity Chevrolet Chattanooga, TN	Maintenance inspection completed Oil and filter changed

		423-855-0550 integritychevrolet.com/	
02/05/2014	16,000	Tennessee Inspection Station Hamilton County	Passed emissions inspection
02/11/2014		Tennessee Motor Vehicle Dept. Cockeysville, MD Title # [redacted]	Registration issued or renewed Loan or lien reported Vehicle color noted as Green
04/15/2014	21,409	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Maintenance inspection completed Oil and filter changed Tires rotated Transmission seal(s) replaced
08/01/2014	27,847	Integrity Chevrolet Chattanooga, TN 423-855-0550 integritychevrolet.com/	Maintenance inspection completed Maintenance reminder reset Oil and filter changed

Owner 2

Purchased:	2014
Type:	Lease
Where:	Tennessee
Est. miles/year:	18,390/yr
Est. length owned:	8/29/14 - 1/19/16 (1 yr. 4 mo.)

Date:	Mileage:	Source:	Comments:
08/29/2014		Tennessee Motor Vehicle Dept. Cleveland, TN Title # [redacted]	Registration issued or renewed Correction to record New owner reported Loan or lien reported Titled or registered as lease vehicle Vehicle color noted as Green
12/05/2014	35,219	Don Ledford Pontiac,GMC, Buick, Cadillac Cleveland, TN 423-476-1191 donledford.com	Maintenance inspection completed Recommended maintenance performed
02/10/2015		Tennessee Motor Vehicle Dept. Cleveland, TN Title # [redacted]	Registration issued or renewed Loan or lien reported Titled or registered as lease vehicle Vehicle color noted as Green
03/23/2015		Tennessee Damage Report	Accident reported Involving front impact with another motor vehicle Functional damage reported Airbags did not deploy
04/20/2015	41,873	Don Ledford Pontiac,GMC, Buick, Cadillac Cleveland, TN 423-476-1191 donledford.com	Maintenance inspection completed Oil and filter changed
08/07/2015	47,981	Don Ledford Pontiac,GMC, Buick, Cadillac Cleveland, TN 423-476-1191 donledford.com	Maintenance inspection completed Oil and filter changed
12/15/2015	54,113	Inspection Report	Vehicle inspected in preparation for sale at auction Condition reported as above average
01/19/2016		Auto Auction	Vehicle sold at auction

Owner 3

Purchased:	2016
Type:	Personal
Where:	Tennessee
Est. length owned:	5/16/16 - present (4 months)

Date:	Mileage:	Source:	Comments:
05/16/2016	54,959	Tennessee Motor Vehicle Dept.	Vehicle purchase reported
05/31/2016		Tennessee Motor Vehicle Dept. Nashville, TN Title # [redacted]	Title or registration issued New owner reported Loan or lien reported Vehicle color noted as Gray
07/30/2016	60,000	Valvoline Instant Oil Change Antioch, TN 615-731-7818 vioc.com	Oil and filter changed
08/22/2016		Tennessee Damage Report	Accident reported Involving front impact Involving left side impact with another motor vehicle Disabling damage reported Moderate damage reported Multiple airbags deployed CARFAX Airbag Tips
08/22/2016		Damage Report Tennessee	**TOTAL LOSS VEHICLE** Vehicle declared a total loss by an insurance company Collision damage reported



There are many reasons an insurance company will declare a vehicle a total loss. Have this vehicle inspected by a qualified technician before you buy. Learn more

Have Questions? Consumers, please visit our Help Center at www.carfax.com. Dealers or Subscribers, please visit our Help Center at www.carfaxonline.com.

CARFAX Glossary

View Full Glossary

Accident / Damage Indicator
CARFAX receives information about accidents in all 50 states, the District of Columbia and Canada. Different information in a vehicle's history can indicate an accident or damage, such as: salvage auction, fire damage, police-reported accident, crash test vehicle, damage disclosure, collision repair facility and automotive recycler records. Not every accident or damage event is reported and not all reported are provided to CARFAX. Details about the accident or damage event when reported to CARFAX (e.g. severity, impact location, airbag deployment) are included on the Vehicle History Report. CARFAX recommends you obtain a vehicle inspection from your dealer or an independent mechanic.

- According to the National Safety Council, Injury Facts, 2015 edition, 8% of the 254 million registered vehicles in the U.S. were involved in an accident in 2013. Over 74% of these were considered minor or moderate.
- CARFAX depends on many sources for its accident / damage data. CARFAX can only report what is in our database on 9/26/16 at 9:30:37 AM (EDT). New data will result in a change to this report.

Tennessee Damage Reports:

- Provide an estimate of the extent of damage in its accident reports for the following:
  - SEVERE/TOTALED: The vehicle cannot be driven from the accident scene due to severe damage or an injury. This level of damage often results in a Salvage or Junk title.
  - MODERATE: The accident damage affects the operation of the vehicle and/or its parts. Examples include broken windows, trunk lids, doors, bumpers and tires.
  - MINOR: The accident damage does not affect the operation of the vehicle. Examples include dented bumpers, fenders, grills and body panels. This level of accident should not compromise vehicle safety.

- Are required if the estimated damage exceeds $400

Airbag Deployment
Occurs when the driver, passenger or side airbag has been used or deployed during a crash or other incident. If an airbag has been deployed, it must be replaced by a qualified technician. Have this car inspected by a mechanic prior to purchase. Use CARFAX Airbag Tips to make sure this vehicle's airbag system is functional.

First Owner
When the first owner(s) obtains a title from a Department of Motor Vehicles as proof of ownership.

Lease
When someone leases a car from a dealer, the dealer actually sells the vehicle to a leasing company. The leasing company then collects payments for the vehicle from the new owner for 24, 36, 48 or more months. A leasing company can be an independent car dealer or a car manufacturer.

New Owner Reported
When a vehicle is sold to a new owner, the Title must be transferred to the new owner(s) at a Department of Motor Vehicles.

Ownership History
CARFAX defines an owner as an individual or business that possesses and uses a vehicle. Not all title transactions represent changes in ownership. To provide estimated number of owners, CARFAX proprietary technology analyzes all the events in a vehicle history. Estimated ownership is available for vehicles manufactured after 1991 and titled solely in the US including Puerto Rico. Dealers sometimes opt to take ownership of a vehicle and are required to in the following states: Maine, Massachusetts, New Jersey, Ohio, Oklahoma, Pennsylvania and South Dakota. Please consider this as you review a vehicle's estimated ownership history.

Total Loss Vehicle
An insurance or fleet company declares a vehicle a total loss when a claim exceeds approximately 75% of its pre-damage value or if the vehicle is stolen and not recovered. This damage threshold varies by company. These companies typically take possession and obtain the title. Not all total loss vehicles result in a DMV-reported branded title. This may occur when an insurance company's definition of a total loss is different than the state DMV's definition for a branded title or when the owner of the vehicle is a self-insured company, like a fleet or rental company.

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Covered by United States Patent Nos. 7,113,853; 7,778,841; 7,596,512, 8,600,823; 8,595,079; 8,606,648; 7,505,838.
9/26/16 9:30:37 AM (EDT)

[redacted]

Service Request Activities – UCC PAR

Report Date: Monday, September 26, 2016

Service Request Detail

SR No.	[redacted]	Ref No.		Cost Ast	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CCC - CAC Specialty
Address	[redacted]			Approval	Not Initiated	Area	RFI Recall
City	[redacted]	Zip [redacted]	State [redacted]	UCC	Electrical - Power Windshield Wiper - Motor / Blades / Arms	Sub-Area	25302 Front Wiper Corrosion
Last Name	[redacted]	First Name	[redacted]	Involved Dlr		Safety	
Daytime #	[redacted]	Evening #		Source	Phone	Updated	09/23/2016 17:43:46
Serial/VIN #	2GNALPEK7[redacted]	Mileage	59000	Priority	Medium License # [redacted]	Owner	QZFDP9
Model	Equinox	Model Year	2013	Status	Open	Opened	Sep 23, 2016 5:26 PM
Make	Chevrolet	Warranty Start	12/26/2012 00:00:00	Sub Status		Closed	
Cust Concern	Spanish-Customer alleges vehicle was involved in a accident due to product defect.						
Customer Description	**TN**						

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Generated by sz06yl

Service Request Activities – UCC PAR

Incident Loc

Component

Vehicle Loc

Emergency Svc Names

Incident Desc

Damage Desc

Add'l Info

Maint Loc

PAR Detail

Collision

Non Collision

Property Damage

Thermal Event

Spec Equip

Vehicle Speed

Weather Condition

Prop Owner

Property Type

Last Service Date

Loc Last Service

Property Location

Prop Est Repair Cost

Veh Est Repair Cost

Spec Equip Installer

Prop Damage Description

Service Request Activities – UCC PAR

Primary Veh Use		Inspection Type		Inspected By		Inspection Date/Time	
Veh Damage Description				Explain Other			

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 23, 2016 6:25 PM	QZFDP9	ESISBIQU	Escalation	ESIS - CAC Injury	In Progress		ESIS Escalation

[redacted] First Name Account BAC Code

Comments

[redacted]
Phone numbers: [redacted]
Email address (if applicable): [redacted]
VIN: 2GNALPEK7D6[redacted]
Year, Make, Model: 2013 Chevrolet Equinox
Current Mileage: 59K
Involved dealer (if applicable): No
Date of the incident: 8/22/16
Accident Location: Nashville, TN / Walce Rd & Apache Trail
Brief description of the situation and the customer's allegation: I was coming out of my place at 7am. The windows were very foggy. When i was already in the street in my own lane i stop the veh to use the wipers and they werent working. I was blinded i couldnt see anything. I was hit from my side from another veh and was more blinded with the airbags deployed.
Brief description of damage to property, other than vehicle: Other veh that hit me. My insurance cover his repairs.
Was insurance claim filed?: Yes
Has the vehicle been repaired?: No it was total loss
Is the vehicle in the owner's possession and where is it currently located?: No, my insurance took the veh
Did anyone seek professional medical attention?: Yes
Details of injuries > Capture names and types of injuries for all involved: Hit my head, pain in my neck & back wasnt able to follow up dont have any medical insurance.

Injured Party Seating Location: Driver seat
Best time to call customer? Anytime

JessicaHernandez/CAC/ATX/Spanish

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 23, 2016 6:07 PM	QZFDP9	DZZN9J	Manager Review	Escalation	Done	09/23/2016 18:13:57	ESIS - Injury

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Mailing address: [redacted]
Phone numbers: [redacted]
Email address (if applicable): [redacted]
VIN: 2GNALPEK7D6[redacted]
Year, Make, Model: 2013 Chevrolet Equinox
Current Mileage: 59K
Involved dealer (if applicable): No
Date of the incident: 8/22/16
Accident Location: Nashville, TN / Walce Rd & Apache Trail
Brief description of the situation and the customer's allegation: I was coming out of my place at 7am. The windows were very foggy. When i was already in the street in my own lane i stop the veh to use the wipers and they werent working. I was blinded i couldnt see anything. I was hit from my side from another veh and was more blinded with the airbags deployed.
Brief description of damage to property, other than vehicle: Other veh that hit me. My insurance cover his repairs.
Was insurance claim filed?: Yes
Has the vehicle been repaired?: No it was total loss
Is the vehicle in the owner's possession and where is it currently located?: No, my insurance took the veh
Did anyone seek professional medical attention?: Yes
Details of injuries > Capture names and types of injuries for all involved: Hit my head, pain in my neck & back wasnt able to follow up dont have any medical insurance.
Injured Party Seating Location: Driver seat
Best time to call customer? Anytime

JessicaHernandez/CAC/ATX/Spanish

OTS Approved
Nicole.ATX.Spanish/T2 TL

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 23, 2016 6:02 PM	QZFDP9	QZFDP9	Inbound Call Customer	Customer	Done	09/23/2016 18:07:31	Documentation Continues...

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Injured Party Seating Location: Driver seat
Best time to call customer? Anytime

Cust Sks: Assistance

Adv Sts: Ill forward your case to a different department to further assist. Should be contact within 24-48 hrs.

Cust Sts: Okay. I need to know whats going to happen i have medial bills that my insurance doesnt want to cover. They dont want to be involved since they already cover the repairs to the other veh. They are stating i was at fault. Also im currently without transportation. I was only able to rent a veh for a week it was too much money. I have no job.

JessicaHernandez/CAC/ATX/Spanish

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 23, 2016 5:43 PM	QZFDP9	QZFDP9	Inbound Call Customer	Complex Request	Done	09/23/2016 18:02:00	Customer alleges vehicle was involved in a accident due to product defect.

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Cust Sts: I received a recall letter 25302. I was involved in a accident that almost killed me due to the recall.

Mailing address: [redacted]
Phone numbers: [redacted]
Email address (if applicable): [redacted]
VIN: 2GNALPEK7D6[redacted]

Service Request Activities – UCC PAR

Year, Make, Model: 2013 Chevrolet Equinox
Current Mileage: 59K
Involved dealer (if applicable): No
Date of the incident: 8/22/16
Accident Location: Nashville, TN / Walce Rd & Apache Trail
Brief description of the situation and the customer's allegation: I was coming out of my place at 7am. The windows were very foggy. When i was already in the street in my own lane i stop the veh to use the wipers and they werent working. I was blinded i couldnt see anything. I was hit from my side from another veh and was more blinded with the airbags deployed.
Brief description of damage to property, other than vehicle: Other veh that hit me. My insurance cover his repairs.
Was insurance claim filed?: Yes
Has the vehicle been repaired?: No it was total loss
Is the vehicle in the owner's possession and where is it currently located?: No, my insurance took the veh
Did anyone seek professional medical attention?: Yes
Details of injuries > Capture names and types of injuries for all involved: Hit my head, pain in my neck & back wasnt able to follow up dont have any medical insurance.

JessicaHernandez/CAC/ATX/Spanish

Confidential Comments

UCC Information

UCC Code	Description	Symptom
N51	Electrical - Power Windshield Wiper - Motor / Blades / Arms	No Symptom Indicated

End of Report

Service Request Activities – UCC PAR

Service Request Detail

SR No.	71[redacted]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CAC
Address	[redacted]			Approval	Not Initiated	Area	Initial Survey
City	[redacted]	Zip [redacted]	State [redacted]	UCC	Non Component GM	Sub-Area	Unable to Contact
Last Name	[redacted]	First Name	[redacted]	Involved Dlr	Integrity Chevrolet	Safety	No
Daytime #	[redacted]	Evening #		Source	Survey	Updated	07/05/2013 12:49:39
Serial/VIN #	2GNALPEK7D6[redacted]	Mileage		Priority	Medium License # [redacted]	Owner	OLAJAYJU
Model	Equinox	Model Year	2013	Status	Closed	Opened	Jul 5, 2013 12:47 AM
Make	Chevrolet	Warranty Start	12/26/2012 00:00:00	Sub Status	Unable to Contact	Closed	Jul 5, 2013 12:49 AM
Cust Concern	SFE_Dsat with Chevrolet?						
Customer Description							

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Incident Loc		Incident Desc	

Service Request Activities – UCC PAR

Component		**Damage Desc**	
Vehicle Loc		**Add'l Info**	
Emergency Svc Names		**Maint Loc**	

PAR Detail

Collision		**Non Collision**		**Property Damage**		**Thermal Event**		**Spec Equip**	
Vehicle Speed				**Weather Condition**				**Prop Owner**	**Property Type**
Last Service Date				**Loc Last Service**				**Property Location**	**Prop Est Repair Cost**
Veh Est Repair Cost				**Spec Equip Installer**				**Prop Damage Description**	
Primary Veh Use				**Inspection Type**				**Inspected By**	**Inspection Date/Time**

Veh Damage		**Explain Other**	
Description			

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jul 5, 2013 12:49 AM	OLAJAYJU	OLAJAYJU	SR Closed - Unable to Contact		Done	07/05/2013 12:49:38	Service Request has been Closed Unable to Contact.

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jul 5, 2013 12:48 AM	OLAJAYJU	OLAJAYJU	Outbound Call Customer	Left Message	Done	07/05/2013 12:49:35	[redacted]

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

[redacted] (TN) reached VM

Left Message to discuss survey comments
Provided SR and CAC contact info including hours of operation for reference
Warranty Status based on GWM warranty start date and last service date

julie.mla.cac.rr.t1.lvl1
1-866-790-5600 x 12807

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jul 5, 2013 12:47 AM	SADMIN	OLAJAYJU	Inbound Survey	Customer	Done	07/05/2013 12:48:01	Scanned: 2013-06-25-08.30.04.000000, SourceDocNum: VIN, worklist : SURVEYS - SFE SR Status: Open

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

SFE
Name: [redacted]
Tel Number: [redacted] (TN)
Address: [redacted]
Email Address [redacted]
[redacted]
VIN: () D6[redacted]

Cust sts: It has nothing to do with the dlr
-we are not sure we will lease another Chevy
-we will shop around

Cust sks:

CRS adv: call cust for follow up on survey comments
OB disclaimer
Verify concern
Empathize, ask for details
Who did the cust deal with?
How is the veh doing? Current Mileage?
How can CAC Help?
Need to call the dlr for input and to relay your feedback (obtain cust buy-in)
BNTC/ BTTC

RECAP

Julie.mla.cac.rr.t1.lvl1
1-866-790-5600 x 12807

Confidential Comments

UCC Information

Service Request Activities – UCC PAR

UCC Code	Description	Symptom
S96	Non Component GM	Chevrolet

End of Report

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	2GNALPEK7D6[redacted]
User	[redacted]
Case Number	[redacted]
EDR Data Imaging Date	10/05/2016
Crash Date	08/22/2016
Filename	2GNALPEK7D6[redacted] ACM.CDRX
Saved on	Wednesday, October 5 2016 at 14:14:35
Collected with CDR version	Crash Data Retrieval Tool 16.6
Reported with CDR version	Crash Data Retrieval Tool 16.6
EDR Device Type	Airbag Control Module
Event(s) recovered	Deployment

Comments

dd alone iaa nashville
dl via dlc
power from reg bat (after jump start - bat below 3v when arrive veh)
65671miles
sir lamp on solid at key power

Data Limitations

Recorded Crash Events:
There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

-Pretensioner(s) only Deployment
-Head Rest Deployment
-Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.
Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events.
The SDM can store up to three Events.

Data:
For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment and Non-Deployment Events, the SDM will record up to 300 milliseconds of data after time zero. The SDM will also record up to 300 milliseconds of Vehicle Acceleration data after time zero.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.
-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.

-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
-Significant changes in the tire's rolling radius
-Final drive axle ratio changes
-Wheel lockup and wheel slip
-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
-The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
-No data is received from the module sending the pre-crash data
-For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment cal bration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop # 2 and Knee Deployment Loop.
-The GM parameter name is displayed in parentheses after the NHTSA Part 563 parameter name.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:
All SDM recorded data is measured, calculated, and stored internally, except for the following:
-Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01042_SDM10P-autoliv_r017

System Status at Time of Retrieval

Dynamic Deployment Event Counter	1
Multi-Event, Number of Events (Dynamic Event Counter)	1
Dynamic OnStar Notification Event Counter	1
Vehicle Identification Number (VIN)	2GNALPEK7D6[redacted]
Ignition Cycle, Download (Ignition Cycles at Investigation)	6788
End Model Part Number	00CF5B81
System Type	Autoliv
Software Module Identifier 1	00CF5B82
Software Module Identifier 2	015DEDEB
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	9377
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050358983
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	016FBC3A9
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	016F389AF
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	01704D660
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	01701AC5E
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	016F75AFF
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	016E07D3D
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	00
ESS # 8 Traceability Data, Part Number/Broadcast Code	0000
ESS # 8 Traceability Data, Supplier Code	E
ESS # 8 Traceability Data, Traceability Number	000000000

System Status at Event (Event Record 1)

Event Record Type	Deployment
OnStar Deployment Status Data Sent	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	Yes
OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes
Deployment Event Counter	1
Multi-Event, Number of Events (Event Counter)	1
OnStar Notification Event Counter	1
Time From Event 1 to 2 (Time Between Events) (seconds)	Data Not Available
Ignition Cycle, Crash (Ignition Cycles at Event)	6786
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	Yes
Concurrent Event Flag Set	No
Event Severity Status: Frontal Pretensioner	Yes
Event Severity Status: Frontal Stage 1	Yes
Event Severity Status: Frontal Stage 2	Yes
Event Severity Status: Left Side	No
Event Severity Status: Right Side	No
Event Severity Status: Rear	No
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled
Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Not Buckled
Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available
Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Empty
Passenger Classification Status	Not Applicable
Passenger Air Bag ON Indicator Status	Off
Passenger Air Bag OFF Indicator Status	On
Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	Off
Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	6673
Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253
Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-5 [-8]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	254
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	2 [4]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	40

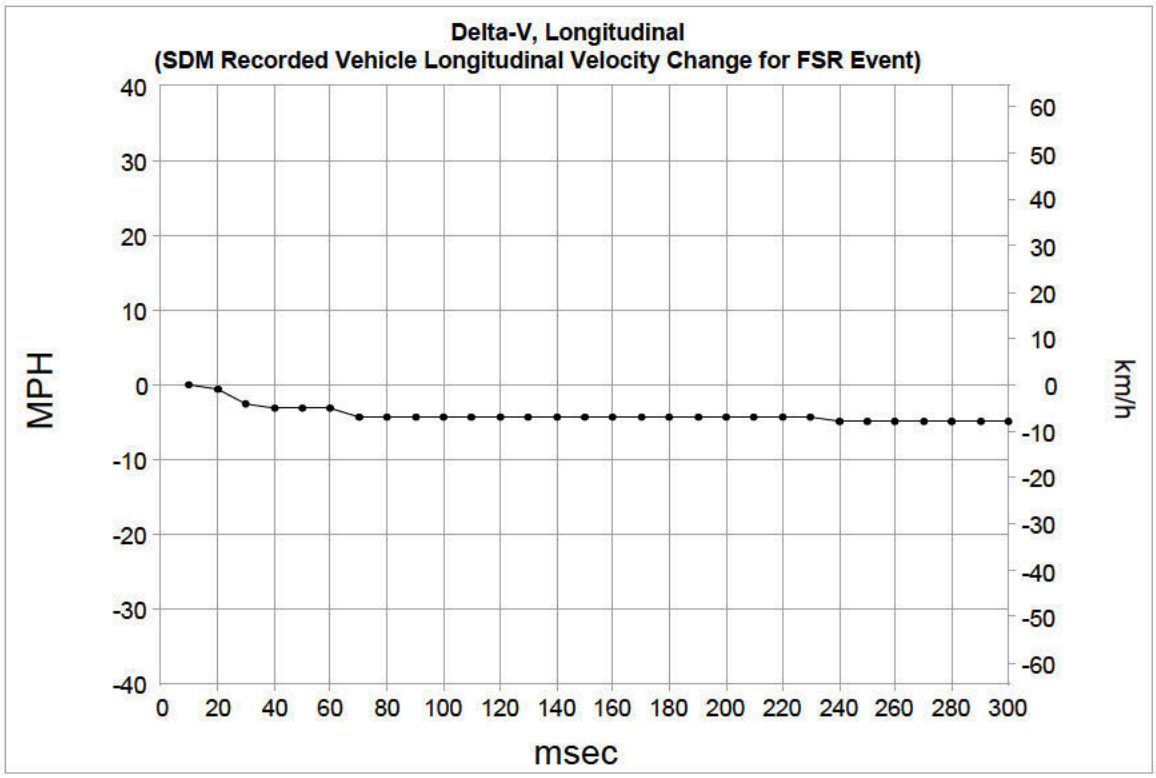
DTCs Present at Time of Event (Event Record 1)

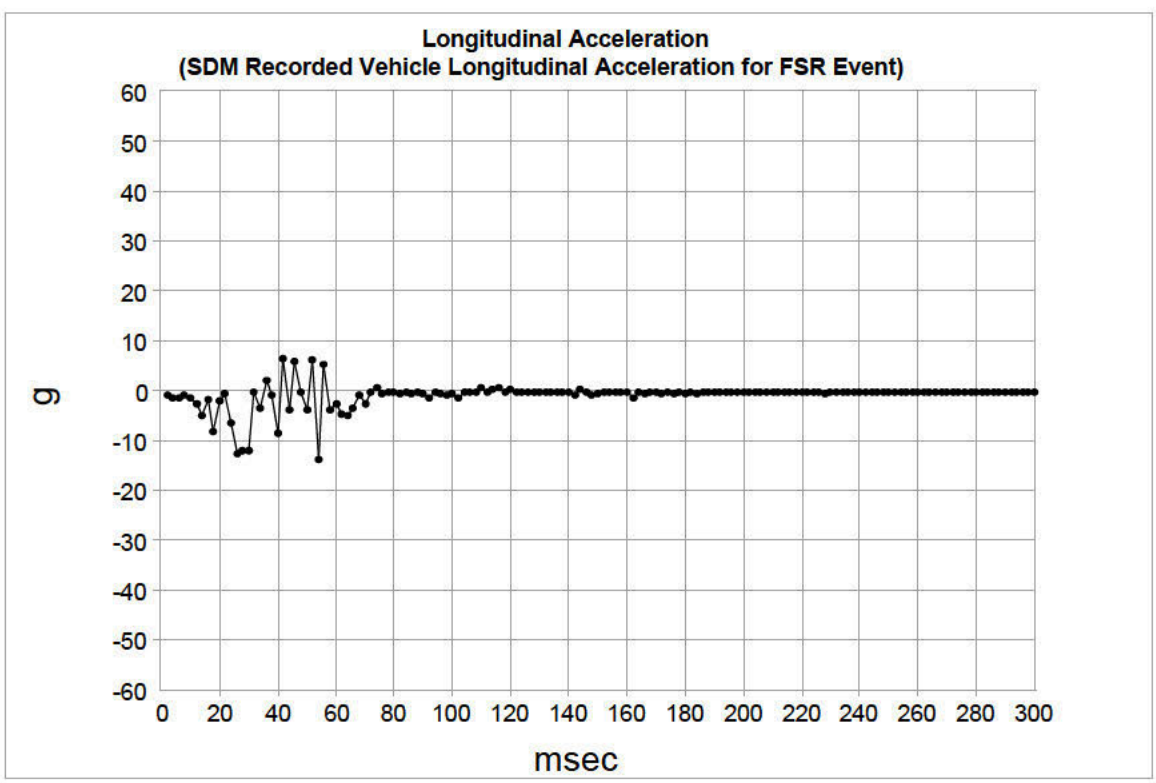
B0052-00

Event Data (Event Record 1)

Driver 1st Stage Deployment Loop Commanded	Yes
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	Yes
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	Yes
Passenger Pretensioner Deployment Loop #1 Commanded	Yes
Driver Pretensioner Deployment Loop #2 Commanded	Yes
Passenger Pretensioner Deployment Loop #2 Commanded	Yes
Driver Thorax Loop Commanded	No
Passenger Thorax Loop Commanded	No
Left Row 1 Roof Rail/Head Curtain Loop Commanded	Yes
Right Row 1 Roof Rail/Head Curtain Loop Commanded	Yes
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	33
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	36
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	33
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	33

Longitudinal Crash Pulse (Event Record 1)





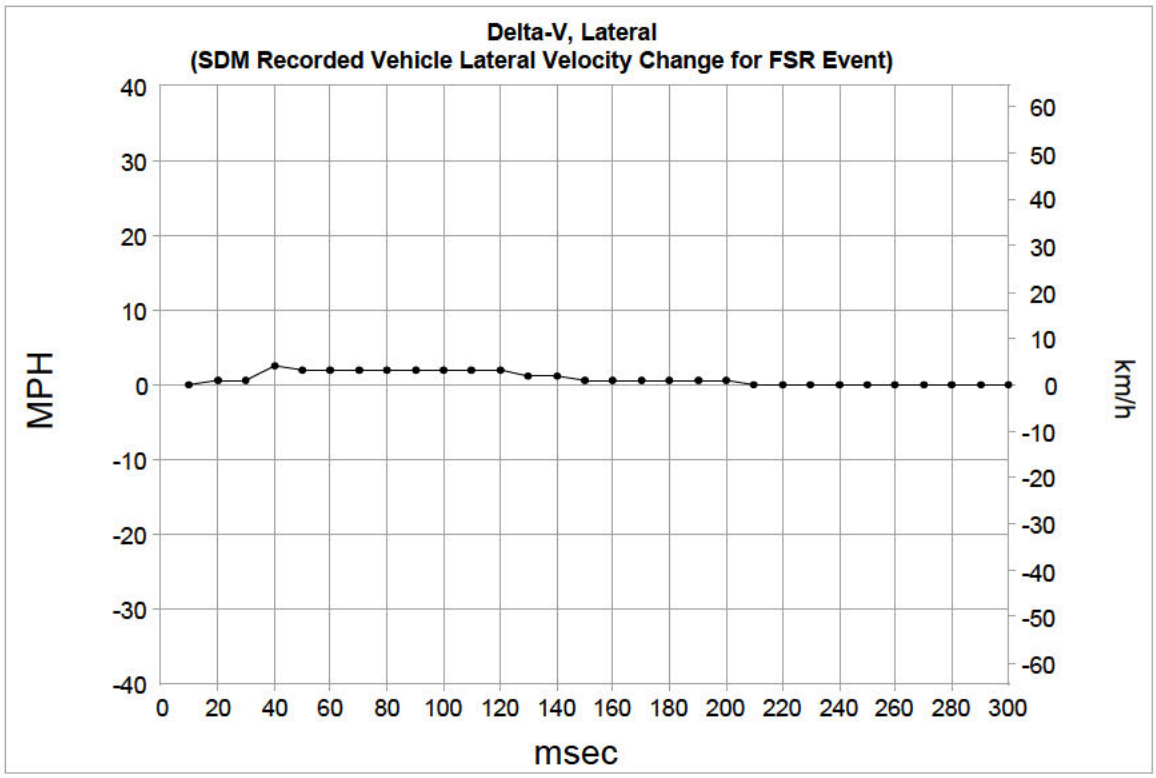
Longitudinal Crash Pulse (Event Record 1)

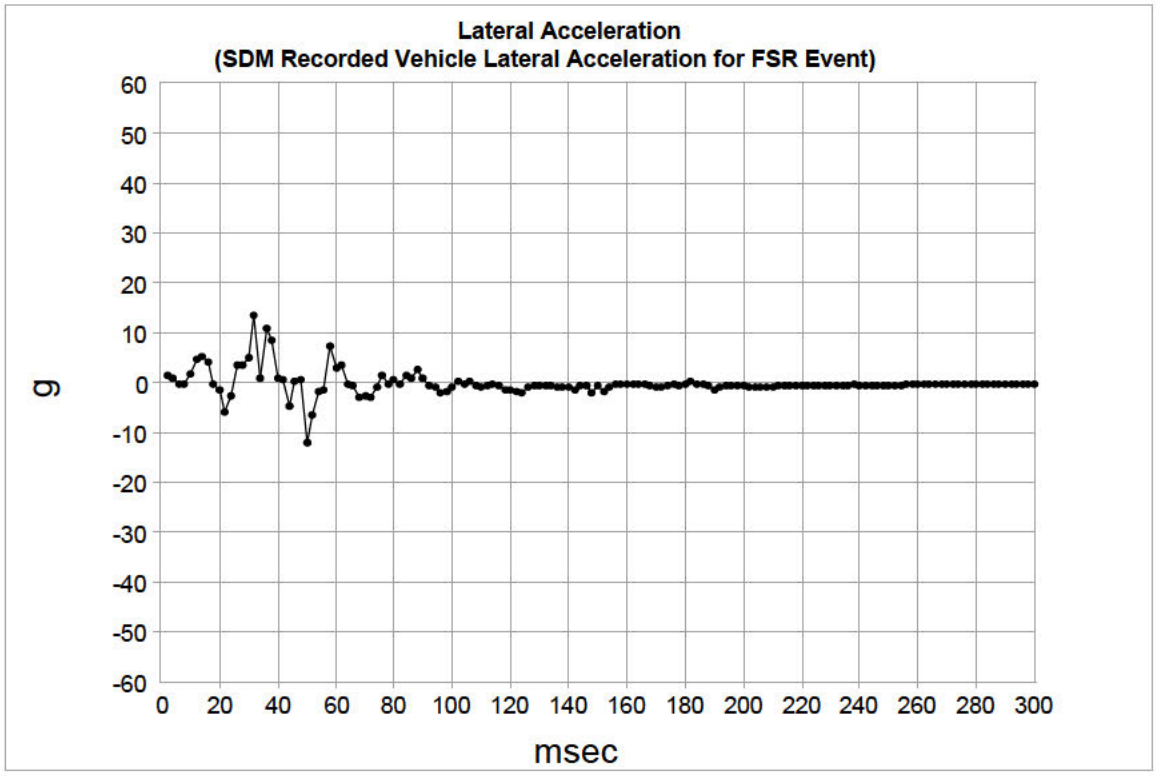
Time (msec)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (MPH)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	-0.6	-1.0
30	-2.5	-4.0
40	-3.1	-5.0
50	-3.1	-5.0
60	-3.1	-5.0
70	-4.3	-7.0
80	-4.3	-7.0
90	-4.3	-7.0
100	-4.3	-7.0
110	-4.3	-7.0
120	-4.3	-7.0
130	-4.3	-7.0
140	-4.3	-7.0
150	-4.3	-7.0
160	-4.3	-7.0
170	-4.3	-7.0
180	-4.3	-7.0
190	-4.3	-7.0
200	-4.3	-7.0
210	-4.3	-7.0
220	-4.3	-7.0
230	-4.3	-7.0
240	-5.0	-8.0
250	-5.0	-8.0
260	-5.0	-8.0
270	-5.0	-8.0
280	-5.0	-8.0
290	-5.0	-8.0
300	-5.0	-8.0

Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-1.0	102	-1.4	202	-0.2
4	-1.4	104	-0.2	204	-0.2
6	-1.4	106	-0.2	206	-0.2
8	-1.0	108	-0.2	208	-0.2
10	-1.4	110	0.6	210	-0.2
12	-2.6	112	-0.2	212	-0.2
14	-5.0	114	0.2	214	-0.2
16	-1.8	116	0.6	216	-0.2
18	-8.2	118	-0.2	218	-0.2
20	-2.2	120	0.2	220	-0.2
22	-0.6	122	-0.2	222	-0.2
24	-6.6	124	-0.2	224	-0.2
26	-12.6	126	-0.2	226	-0.2
28	-12.2	128	-0.2	228	-0.6
30	-12.2	130	-0.2	230	-0.2
32	-0.2	132	-0.2	232	-0.2
34	-3.4	134	-0.2	234	-0.2
36	2.2	136	-0.2	236	-0.2
38	-1.0	138	-0.2	238	-0.2
40	-8.6	140	-0.2	240	-0.2
42	6.6	142	-1.0	242	-0.2
44	-3.8	144	0.2	244	-0.2
46	5.8	146	-0.2	246	-0.2
48	-0.2	148	-1.0	248	-0.2
50	-3.8	150	-0.6	250	-0.2
52	6.2	152	-0.2	252	-0.2
54	-13.8	154	-0.2	254	-0.2
56	5.4	156	-0.2	256	-0.2
58	-3.8	158	-0.2	258	-0.2
60	-2.6	160	-0.2	260	-0.2
62	-4.6	162	-1.4	262	-0.2
64	-5.0	164	-0.2	264	-0.2
66	-3.4	166	-0.6	266	-0.2
68	-1.0	168	-0.2	268	-0.2
70	-2.6	170	-0.2	270	-0.2
72	-0.2	172	-0.6	272	-0.2
74	0.6	174	-0.2	274	-0.2
76	-0.6	176	-0.6	276	-0.2
78	-0.2	178	-0.2	278	-0.2
80	-0.2	180	-0.6	280	-0.2
82	-0.6	182	-0.2	282	-0.2
84	-0.2	184	-0.6	284	-0.2
86	-0.6	186	-0.2	286	-0.2
88	-0.2	188	-0.2	288	-0.2
90	-0.6	190	-0.2	290	-0.2
92	-1.4	192	-0.2	292	-0.2
94	-0.2	194	-0.2	294	-0.2
96	-0.6	196	-0.2	296	-0.2
98	-1.0	198	-0.2	298	-0.2
100	-0.6	200	-0.2	300	-0.2

Lateral Crash Pulse (Event Record 1)





Lateral Crash Pulse (Event Record 1)

Time (msec)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (MPH)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	0.6	1.0
30	0.6	1.0
40	2.5	4.0
50	1.9	3.0
60	1.9	3.0
70	1.9	3.0
80	1.9	3.0
90	1.9	3.0
100	1.9	3.0
110	1.9	3.0
120	1.9	3.0
130	1.2	2.0
140	1.2	2.0
150	0.6	1.0
160	0.6	1.0
170	0.6	1.0
180	0.6	1.0
190	0.6	1.0
200	0.6	1.0
210	0.0	0.0
220	0.0	0.0
230	0.0	0.0
240	0.0	0.0
250	0.0	0.0
260	0.0	0.0
270	0.0	0.0
280	0.0	0.0
290	0.0	0.0
300	0.0	0.0

Lateral Crash Pulse (Event Record 1)

Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)
2	1.4	102	0.2	202	-1.0
4	1.0	104	-0.2	204	-1.0
6	-0.2	106	0.2	206	-1.0
8	-0.2	108	-0.6	208	-1.0
10	1.8	110	-1.0	210	-1.0
12	4.6	112	-0.6	212	-0.6
14	5.4	114	-0.2	214	-0.6
16	4.2	116	-0.6	216	-0.6
18	-0.2	118	-1.4	218	-0.6
20	-1.4	120	-1.4	220	-0.6
22	-5.8	122	-1.8	222	-0.6
24	-2.6	124	-2.2	224	-0.6
26	3.4	126	-1.0	226	-0.6
28	3.4	128	-0.6	228	-0.6
30	5.0	130	-0.6	230	-0.6
32	13.4	132	-0.6	232	-0.6
34	1.0	134	-0.6	234	-0.6
36	11.0	136	-1.0	236	-0.6
38	8.6	138	-1.0	238	-0.2
40	1.0	140	-1.0	240	-0.6
42	0.6	142	-1.4	242	-0.6
44	-4.6	144	-0.6	244	-0.6
46	0.2	146	-0.6	246	-0.6
48	0.6	148	-2.2	248	-0.6
50	-12.2	150	-0.6	250	-0.6
52	-6.6	152	-1.8	252	-0.6
54	-1.8	154	-1.0	254	-0.6
56	-1.4	156	-0.2	256	-0.2
58	7.4	158	-0.2	258	-0.2
60	3.0	160	-0.2	260	-0.2
62	3.4	162	-0.2	262	-0.2
64	-0.2	164	-0.2	264	-0.2
66	-0.6	166	-0.2	266	-0.2
68	-3.0	168	-0.6	268	-0.2
70	-2.6	170	-1.0	270	-0.2
72	-3.0	172	-1.0	272	-0.2
74	-1.0	174	-0.6	274	-0.2
76	1.4	176	-0.2	276	-0.2
78	-0.2	178	-0.6	278	-0.2
80	0.6	180	-0.2	280	-0.2
82	-0.2	182	0.2	282	-0.2
84	1.4	184	-0.2	284	-0.2
86	1.0	186	-0.2	286	-0.2
88	2.6	188	-0.6	288	-0.2
90	1.0	190	-1.4	290	-0.2
92	-0.6	192	-1.0	292	-0.2
94	-1.0	194	-0.6	294	-0.2
96	-2.2	196	-0.6	296	-0.2
98	-1.8	198	-0.6	298	-0.2
100	-1.0	200	-0.6	300	-0.2

Rollover Crash Pulse (Event Record 1)
SDM Recorded Vehicle Roll Rate

Contains No Recorded Data

Rollover Crash Pulse (Event Record 1)
Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event)

Contains No Recorded Data

Vertical Crash Pulse (Event Record 1)
Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event)

Contains No Recorded Data

Pre-Crash Data -5.0 to -0.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	36	Off	3008	46	35 [57]
-4.5	33	Off	2880	42	36 [58]
-4.0	30	Off	2880	39	36 [58]
-3.5	28	Off	2688	39	36 [58]
-3.0	26	Off	2176	41	36 [58]
-2.5	26	Off	2176	38	36 [58]
-2.0	26	Off	2112	37	36 [58]
-1.5	10	Off	1984	31	36 [58]
-1.0	6	Off	1984	21	35 [57]
-0.5	0	Off	1920	17	35 [56]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 1)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	105 [142]	Off
-1.5	No	No	No	83 [112]	Off
-1.0	No	No	No	14 [20]	Off
-0.5	No	No	No	0 [0]	Off

Hexadecimal Data

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DPID $11
FF F0 00 FC C0 7C 00

DPID $15
01 02 03 04 05 06 07

DPID $16
08 09 0A 0D 0E 00 00

DPID $17
00 00 00 00 00 00 00

DPID $32
00 FD 1A 84 00 00 00

DPID $35
78 00 00 00 00 00 00

DID $01
41 55 32 35 37 37 45 30 31 36 46 42 43 33 41 39

DID $03
41 54 32 35 37 37 45 30 31 36 46 33 38 39 41 46

DID $05
41 48 32 35 37 37 45 30 31 37 30 34 44 36 36 30

DID $07
41 4A 32 35 37 37 45 30 31 37 30 31 41 43 35 45

DID $09
44 41 34 39 33 36 45 30 31 36 46 37 35 41 46 46

DID $0B
44 42 34 39 33 36 45 30 31 36 45 30 37 44 33 44

DID $0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID $0F
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID $30
01 00 01 01

DID $90
32 47 4E 41 4C 50 45 4B 37 44 36 31 38 37 37 37 33

DID $9A
04 01

DID $B4
41 53 39 33 37 37 45 30 35 30 33 35 38 39 38 33

DID $C1
00 CF 5B 82

DID $C2
01 5D ED EB

DID $C3
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00 CF 2D 7D

DID $CB
00 CF 5B 81

DID $31

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 0000   A5 F0 01 00 01 01 0F 1A 82 FF
 0010   FF 00 00 00 0E A3 C3 00 00 00
 0020   4C FC FC F0 00 00 C0 10 00 06
 0030   0A 1A 1A 1A 1C 1E 21 24 00 00
 0040   00 00 00 00 00 1E 1F 1F 21 22
 0050   22 2A 2D 2D 2F 06 9F 06 C7 07
 0060   80 07 BC 11 15 1F 25 26 29 27
 0070   27 2A 2E 38 39 3A 3A 3A 3A 3A
 0080   3A 3A 39 00 FF FD 1A 11 FD 00
 0090   00 00 00 00 00 00 00 00 00 00
 0100   00 00 00 00 00 00 00 00 00 00
 0110   00 00 00 80 52 00 77 7F 83 14
 0120   21 24 FF FF FF FF 21 21 7F 7F
 0130   7E 80 7B 80 7A 83 7A 82 7A 82
 0140   78 82 78 82 78 82 78 82 78 82
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 0160   78 80 78 80 78 80 78 80 78 7F
 0170   78 7F 78 7F 77 7F 77 7F 77 7F
 0180   77 7F 77 7F 77 7F 77 7F 7D 83
 0190   7C 82 7C 7F 7D 7F 7C 84 79 8B
 0200   73 8D 7B 8A 6B 7F 7A 7C 7E 71
 0210   6F 79 60 88 61 88 61 8C 7F A1
 0220   77 82 85 9B 7D 95 6A 82 90 81
 0230   76 74 8E 80 7F 81 76 61 8F 6F
 0240   5D 7B 8D 7C 76 92 79 87 74 88
 0250   73 7F 77 7E 7D 78 79 79 7F 78
 0260   81 7D 7E 83 7F 7F 7F 81 7E 7F
 0270   7F 83 7E 82 7F 86 7E 82 7C 7E
 0280   7F 7D 7E 7A 7D 7B 7E 7D 7C 80
 0290   7F 7F 7F 80 7F 7E 81 7D 7F 7E
 0300   80 7F 81 7E 7F 7C 80 7C 7F 7B
 0310   7F 7A 7F 7D 7F 7E 7F 7E 7F 7E
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 0380   7F 7E 7F 7E 7F 7E 7F 7E 7F 7D
 0390   7F 7D 7F 7D 7F 7D 7F 7D 7F 7E
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Disclaimer of Liability

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Global Diagnostic System 2

Read Vehicle Wide DTC and ID Information

Overview

Vehicle Identification Number (VIN)	2GNALPEK7D6[redacted]
Report Creation Date	2016-10-05 14:33:41 EDT

Vehicle Configuration Property

Make	Chevrolet
Model	Equinox
Model Year	2013

System Information Property

VCI Serial Number	MDI: [redacted]
Vehicle Session Creation Date	2016-10-05 14:24:05
Test Start Time	2016-10-05 14:33:41 EDT

Engine Control Module

Identification Information	Value
No DTCs Stored	

Transmission Control Module

Identification Information	Value
No DTCs Stored	

Rear Differential Clutch Control Module

No Communication

Electronic Brake Control Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
C0267	00	Low Brake Fluid Indicated	- - -	Current	
				This Ignition Cycle	Passed and Failed
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
C0035	06	Left Front Wheel Speed Sensor Circuit	Low Voltage/Open	Current	
				This Ignition Cycle	Passed and Failed
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested

Multi-Axis Acceleration Sensor Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
C0800	03	Control Module Power Circuit	Low Voltage	History	
					Passed

				This Ignition Cycle	
				Last Test	Passed
				Since DTC Clear	Passed
				DTC History Status	History
				MIL Status	Not Requested

Power Steering Control Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
U0415	00	Invalid Data Received From Electronic Brake Control Module	- - -	Current	
				DTC Current Status	Current
				DTC History Status	History
C0800	03	Control Module Power Circuit	Low Voltage	History	
				DTC Current Status	Not Current
				DTC History Status	History

Steering Wheel Angle Sensor Module

Identification Information	Value

No DTCs Stored

Body Control Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B1395	03	Control Module Voltage Reference Output 1 Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B1529	03	Control Module Voltage Reference Output 5 Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B3006	02	Hood Ajar Circuit	Short to Ground	Passed and Failed	
					Passed

				This Ignition Cycle	
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B3600	03	Passenger Compartment Dimming Request Signal Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
C0277	06	Brake Pedal Position Sensor Circuit	Low Voltage/Open	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed

				DTC History Status	History
				MIL Status	Not Requested
C0890	03	Control Module Voltage Reference Output 3 Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B101E	43	Electronic Control Unit Software	EEPROM Incorrect Programming	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
B1325	03	Control Module Power Circuit	Low Voltage	Passed and Failed	
					Passed

				This Ignition Cycle	
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested
U0078	00	Control Module Communication Low Speed CAN Bus Off	- - -	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested

Inflatable Restraint Sensing and Diagnostic Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B0013	02	Driver Steering Wheel Air Bag Deployment Loop Stage 2	Short to Ground	History	
				DTC Current Status	Not Current

				DTC History Status	History
				MIL Status	Not Requested
B0012	02	Driver Steering Wheel Air Bag Deployment Loop	Short to Ground	History	
				DTC Current Status	Not Current
				DTC History Status	History
				MIL Status	Not Requested
B001B	04	Passenger Seat Belt Anchor Pretensioner Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B001A	04	Driver Seat Belt Anchor Pretensioner Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B0022	04	Passenger Seat Belt Retractor Pretensioner Deployment Loop	Open	Current	
				DTC Current Status	Current

				DTC History Status	History
				MIL Status	Requested
B0015	04	Driver Seat Belt Retractor Pretensioner Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B0013	04	Driver Steering Wheel Air Bag Deployment Loop Stage 2	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B0012	04	Driver Steering Wheel Air Bag Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B0016	04	Left Roof Rail Air Bag Deployment Loop	Open	Current	
				DTC Current Status	Current

				DTC History Status	History
				MIL Status	Requested
B0023	04	Right Roof Rail Air Bag Deployment Loop	Open	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested
B1325	03	Control Module Power Circuit	Low Voltage	History	
				DTC Current Status	Not Current
				DTC History Status	History
				MIL Status	Not Requested
B0052	00	Deployment Commanded	- - -	Current	
				DTC Current Status	Current
				DTC History Status	History
				MIL Status	Requested

Passenger Presence Module

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B1325	03	Control Module Power Circuit	Low Voltage	History	
				DTC Current Status	Not Current
				DTC History Status	History
				MIL Status	Not Requested

Instrument Cluster

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B1325	03	Control Module Power Circuit	Low Voltage	Passed and Failed	
				This Ignition Cycle	Passed
				Since DTC Clear	Passed and Failed
				DTC Current Status	Not Current
				DTC History Status	History

Radio

Identification Information	Value

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status
U0020	00		- - -	Current

		Low Speed CAN Bus		DTC Current Status	Current
				DTC History Status	History
B1325	03	Control Module Power Low Current Circuit	Low Voltage	History	
				DTC Current Status	Not Current
				DTC History Status	History

Rear Audio Control Module

No Communication

Telematics Communication Interface Control Module

Identification Information	Value

No DTCs Stored

HVAC Control Module

Identification Information	Value

No DTCs Stored

Liftgate Control Module

Identification Information	Value

No DTCs Stored

Front Seat Heating Control Module

Identification Information	Value

No DTCs Stored

Right Side Object Detection Control Module

No Communication

Left Side Object Detection Control Module

No Communication

Parking Assist Control Module

No Communication

Frontview Camera Module

No Communication

ESIS®

[redacted]

800.888.0164 *tel*
248-778-1712 *fax*

[redacted]
Claims Administrator

November 4, 2021

The General Insurance
Attn: Alex Thornton
via fax: 800-280-1488

RE: Claimant: [redacted]
Our File No.: [redacted]
Our Client: General Motors LLC
Date/Event: 8/22/2016
VIN: 2GNALPEK7D6[redacted]

[redacted]:

I am writing to confirm our conversation of October 3, 2016 during which you agreed to allow us to inspect your insured 2013 Chevrolet Equinox and retrieve certain data from the air bag system.

As part of the inspection, we will likely take photographs and measurements. Also, your vehicle is equipped with an air bag Sensing and Diagnostic Module (SDM). As explained in the Owner's Manual, in addition to its other functions, the SDM is capable of recording information about the air bag system and other crash related data in an air bag deployment event and some near-deployment crashes. The SDM in your vehicle may also record the following pre-crash data: vehicle speed, throttle position, brake application and engine RPM for 5 seconds prior to the deployment or near deployment event. As part of our investigation, we will download the SDM data using the publicly available Bosch Crash Data Retrieval (CDR) system software.

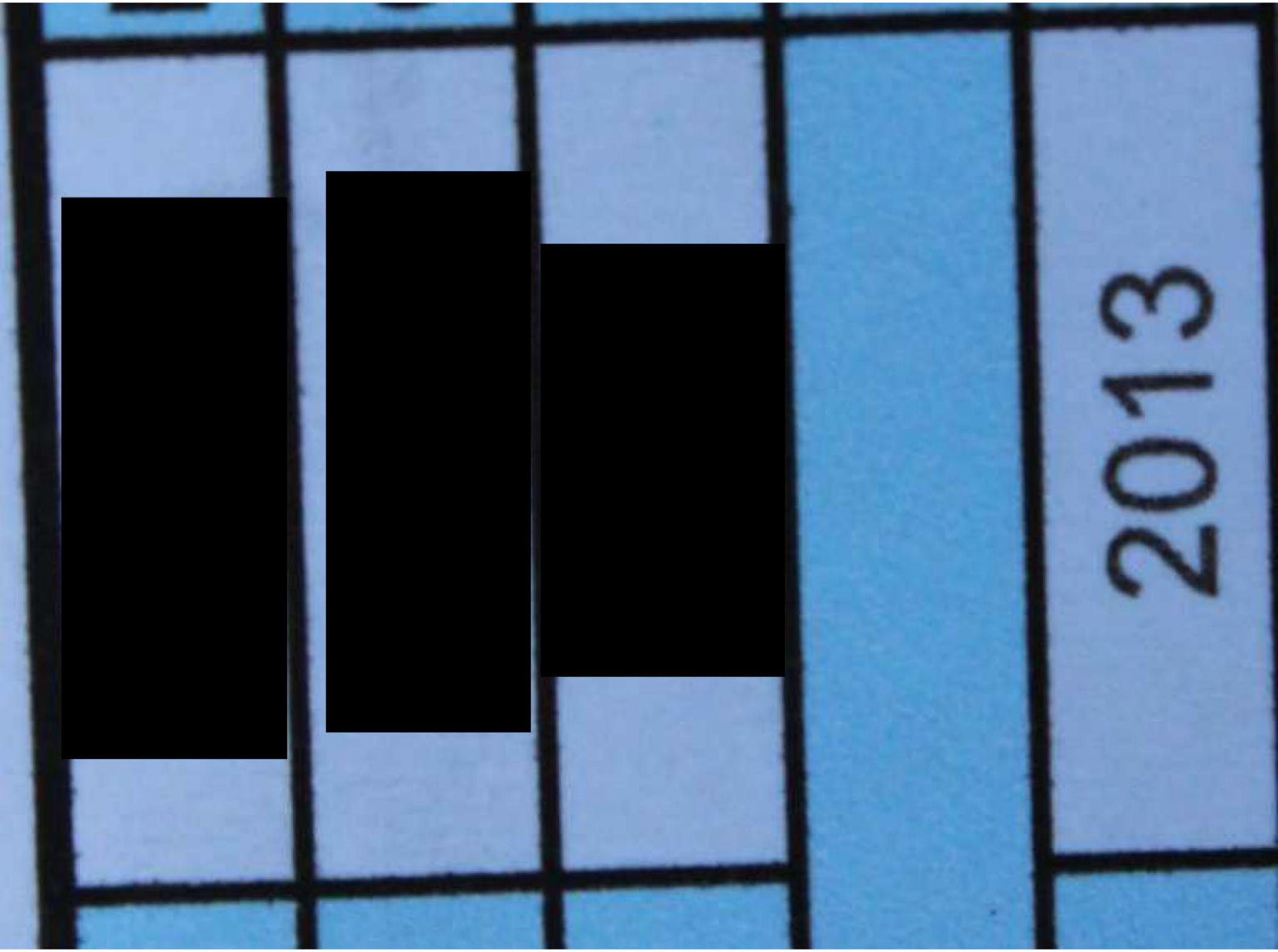
Please note the potential GM uses of this crash data once GM has a copy in its files. Once collected, the SDM crash data is available for GM's research needs. Also, in summary form, this information may be provided to non-GM organizations (i) which have a reasonable need for it, (ii) which have a demonstrated ability to utilize such data, and (iii) which are expected to use it for studies aimed at improving safety to the benefit of the public at large, the auto industry, or GM. However, information which ties SDM crash data to a particular vehicle, such as VIN, owner name, or date and location, will generally not be disclosed by GM other than (a) to the involved owner/lessee or his/her designated agent, (b) in response to an official request of police or similar government office, (c) for research where appropriate confidentiality is maintained and need is shown, (d) as part of GM's defense of litigation involving the subject vehicle or other GM products, or (e) as otherwise required by law.

In addition to the SDM data described above, information regarding the status of the electronic components in your vehicle's air bag system (or other electronic systems) may be scanned through the use of an available electronic scan tool known as a Tech II or a Multiple Diagnostic Interface (MDI) which are commonly used by authorized dealership vehicle service technicians. If Tech II or MDI scan information is obtained from those scans it can be made available at your request.

If you have any additional questions about our upcoming inspection, you can contact me at 1.800.888.0164 Monday through Friday from 7:00 AM to 3:30 PM.

Sincerely,

[redacted]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[redacted]
[redacted]
2013







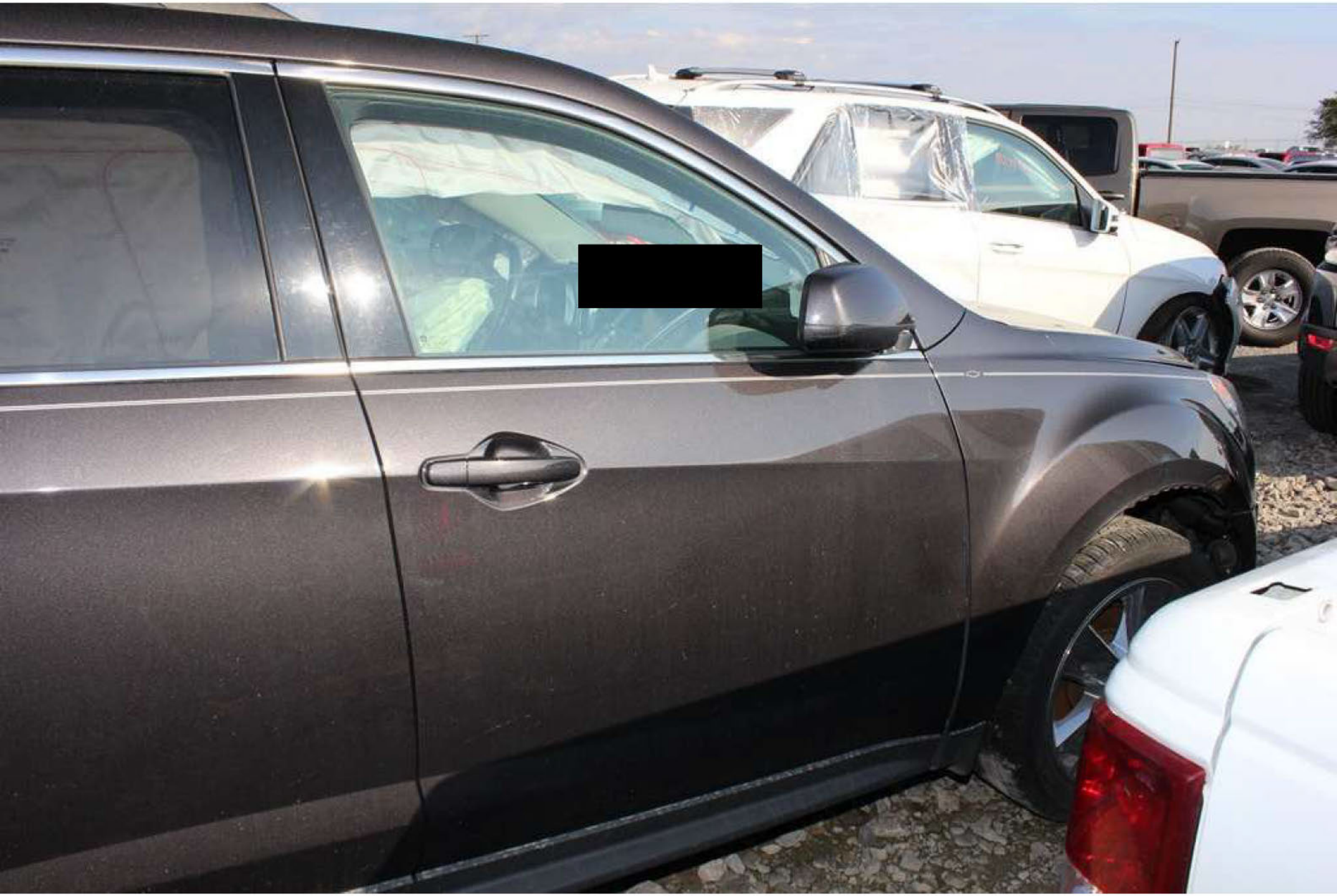



carmax


CARMAX
EQUINOX LT


EQUINOX LT





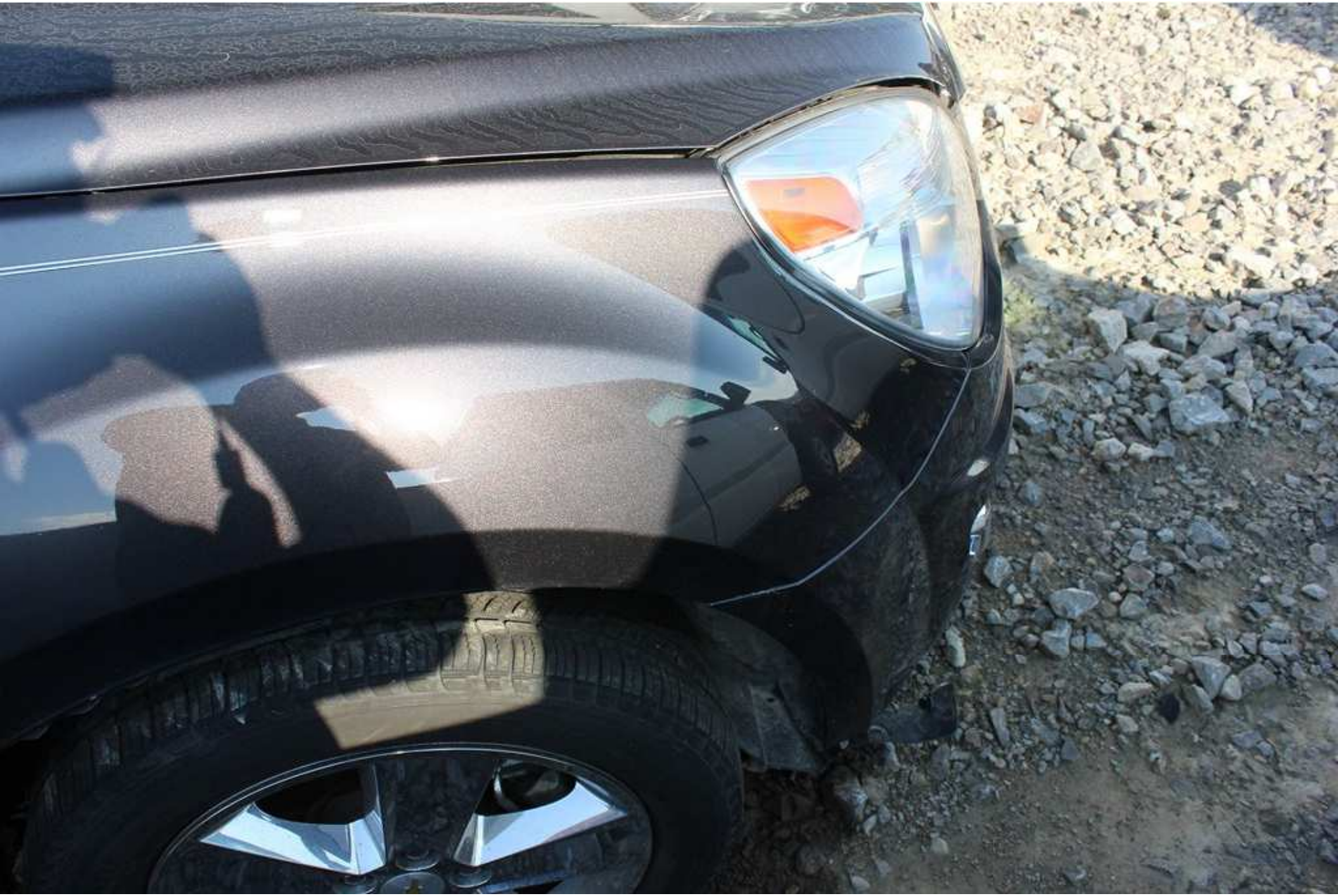

















MICHELIN






MADE IN USA































































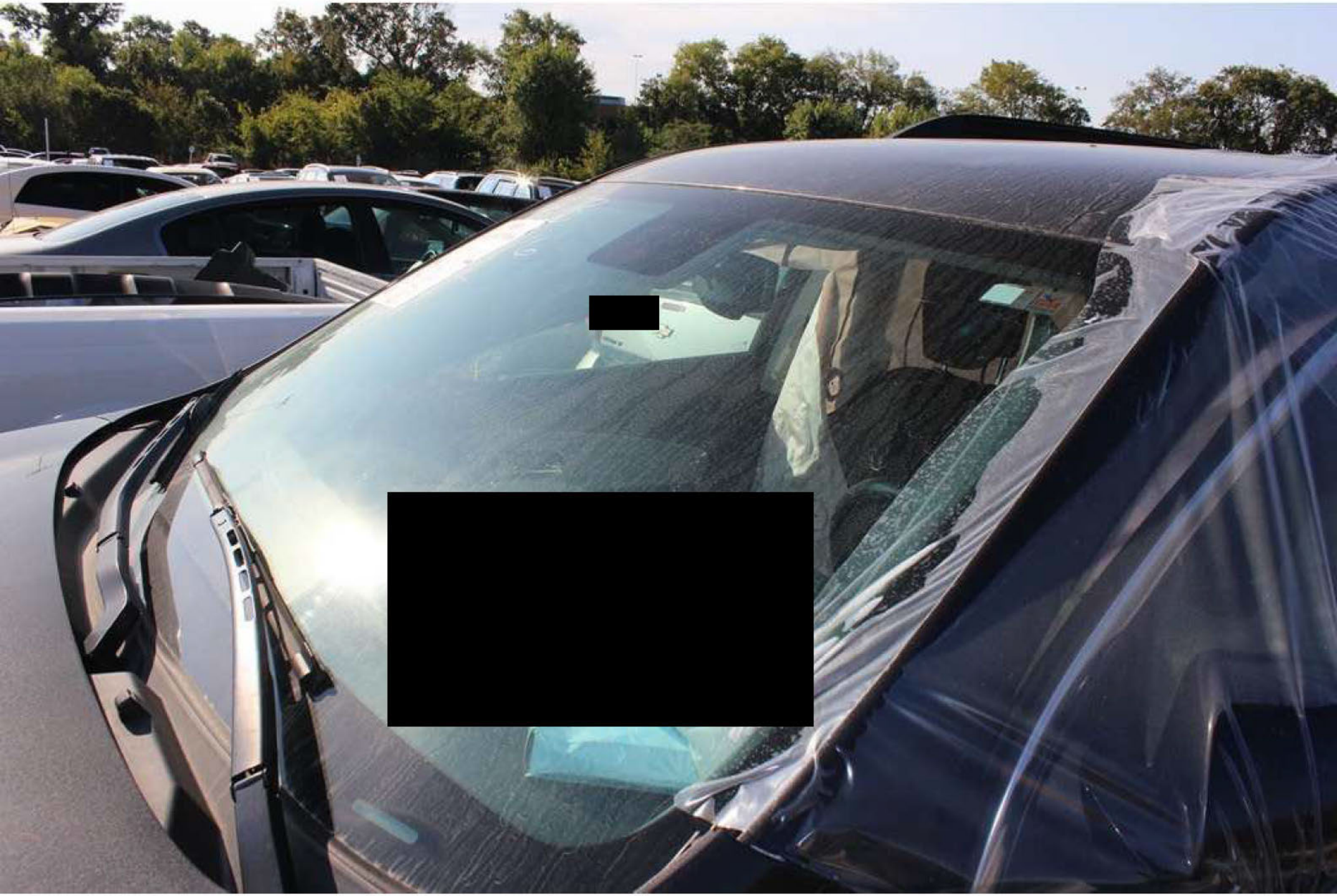































RANGE ROVER


EQUINOX LT












































SERVICE PAR
DO NOT REMOVE
U 121V


2013
Equinox


RANGE ROVER



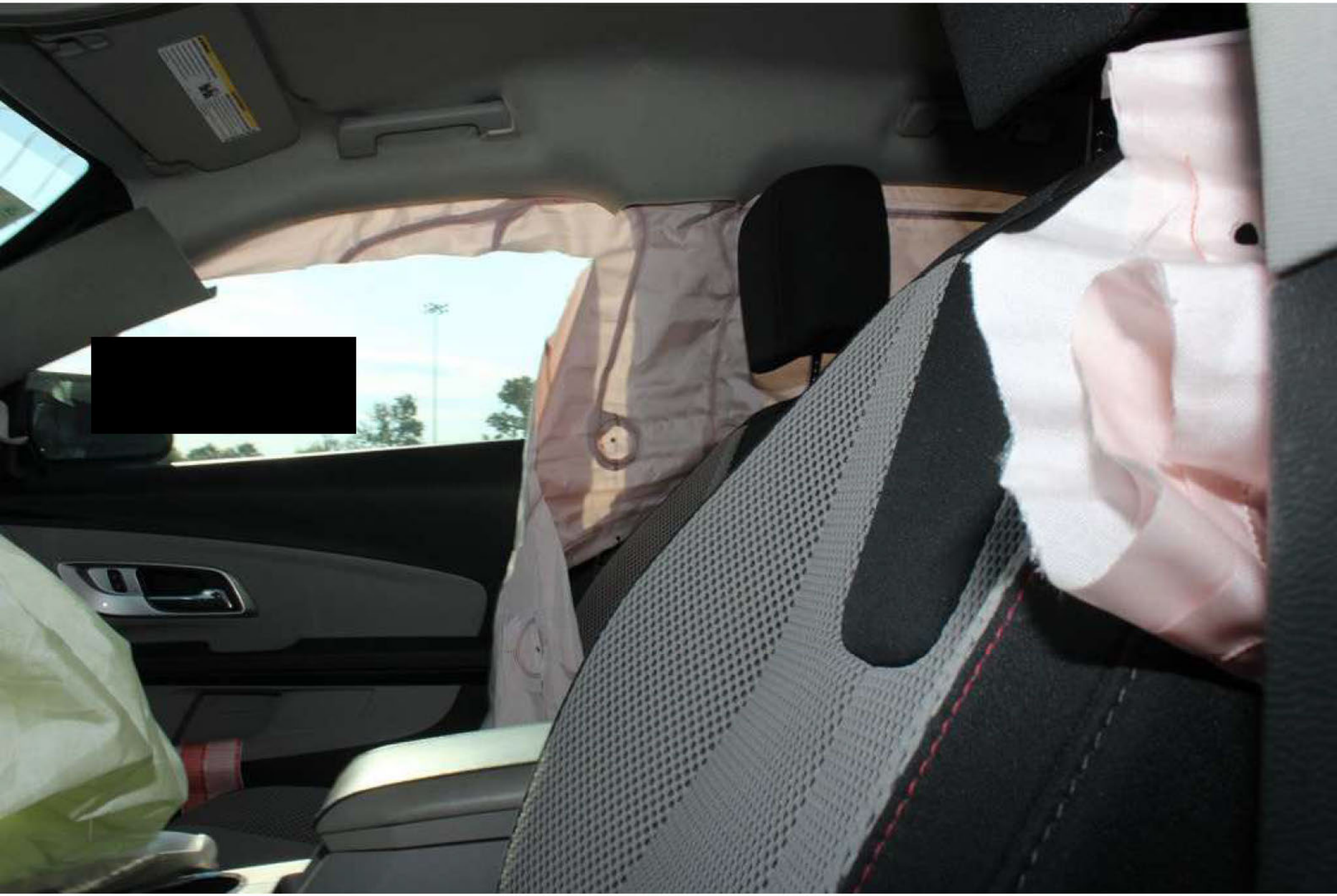





TIRE AND LOADING INFO












Little Trees
New Car Scent
























1
2
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4
5
6
FAV
SOURCE
INFO
CONFIG
TUNE
AUTO
A/C
MENU
VEHICLE INFO














TYRE AND LOADING INFORMATION




































3
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5
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RPM
x1000


RPM
x1000
AUTO
FOG


AUTO


AUTO
FOG


REAR
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OFF
INT
FRONT
HI
LO
INT
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INT


FRONT
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INT
REAR
ON
OFF
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FRONT
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REAR
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OFF
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60
80
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60
80
40
20
VOL
1
FAV
SEEK


REAR
ON
OFF
INT
FRONT
HI
LO
INT
OFF
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PASSENGER AIR BAG
ROVER


SEEK
SEEK
INFO
CONFIG
TONE
AUTO
FRONT
A/C
REAR
MENU
SET/CLR
VEHICLE INFO


1
2
3
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FAV
SOURCE
HOME
BACK
INFO
TONE
CONFIG
AUTO
FRONT
REAR
A/C
MENU
SET/CLR
VEHICLE INFO


1
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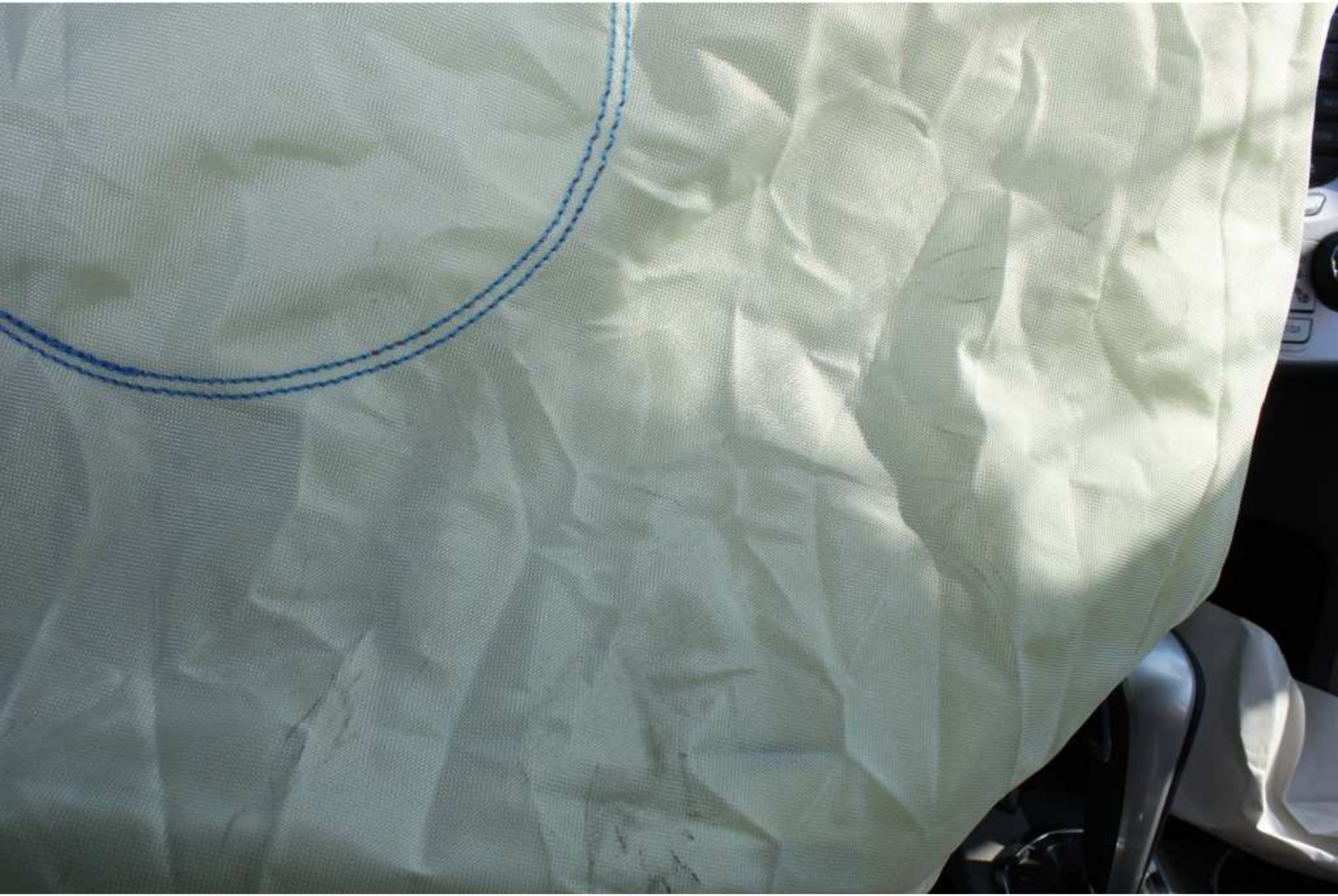
TONE


RANGE ROVER








CRUISE
ON / OFF
20
40
60
80
100


RANG
60
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CANCEL
RES/+
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CRUISE
FRONT
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INT
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INT
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OFF
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SRC


RES/+
DRIVER
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FRONT
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LO
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RC
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AH61668666
1226211677
SRC


HI
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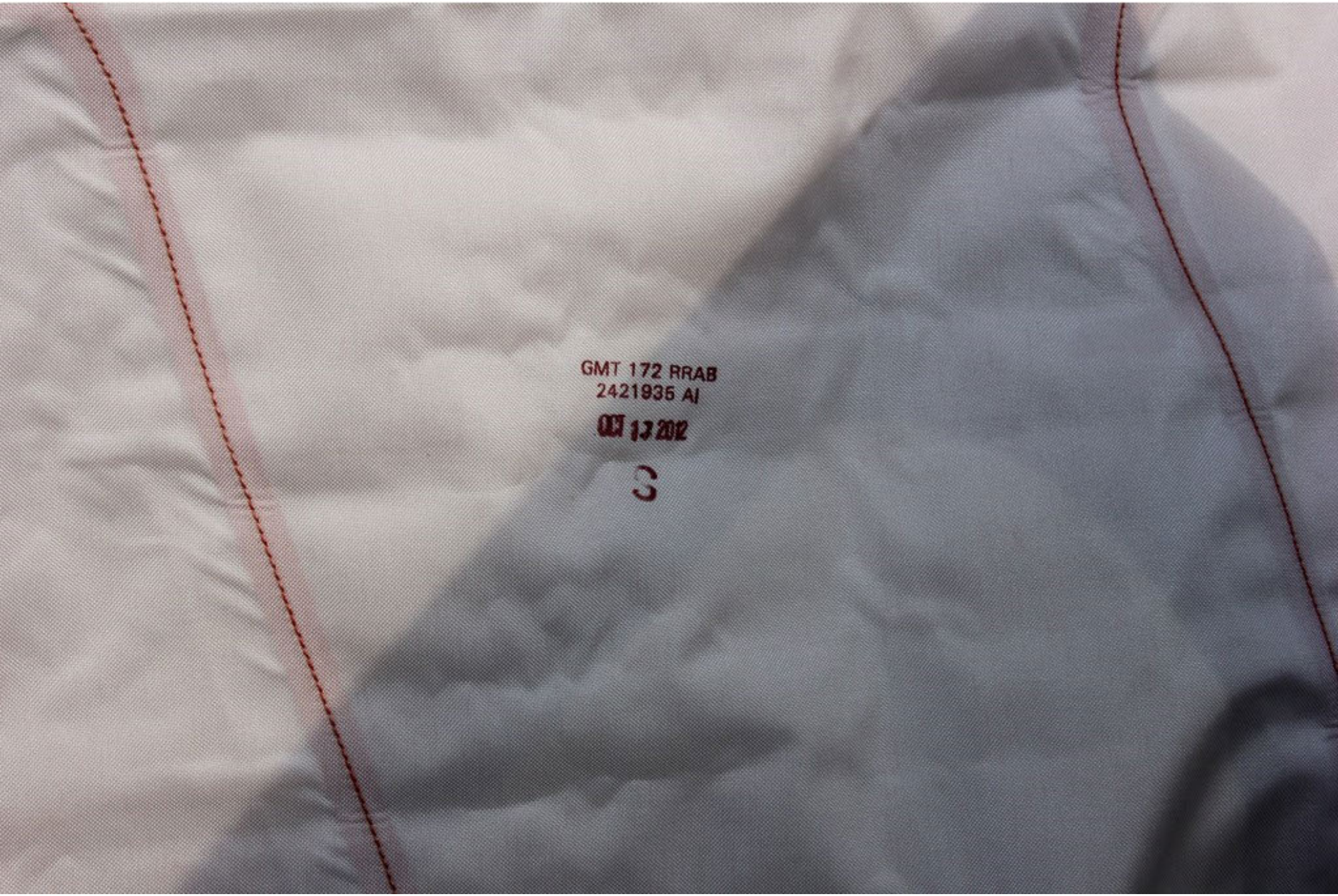
WARNING
EVEN WITH ADVANCED AIR BAGS


EVEN WITH ADVANCED





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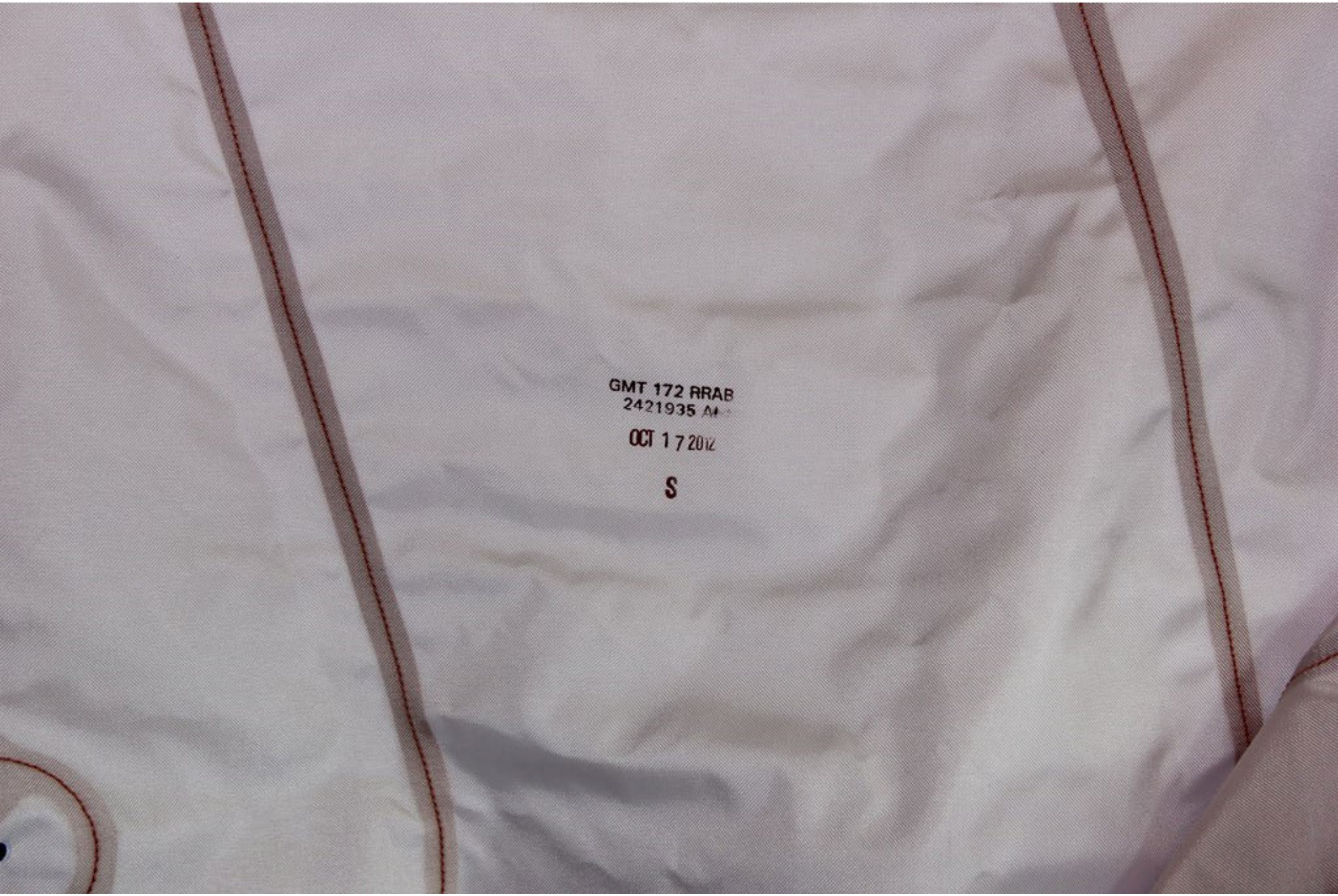
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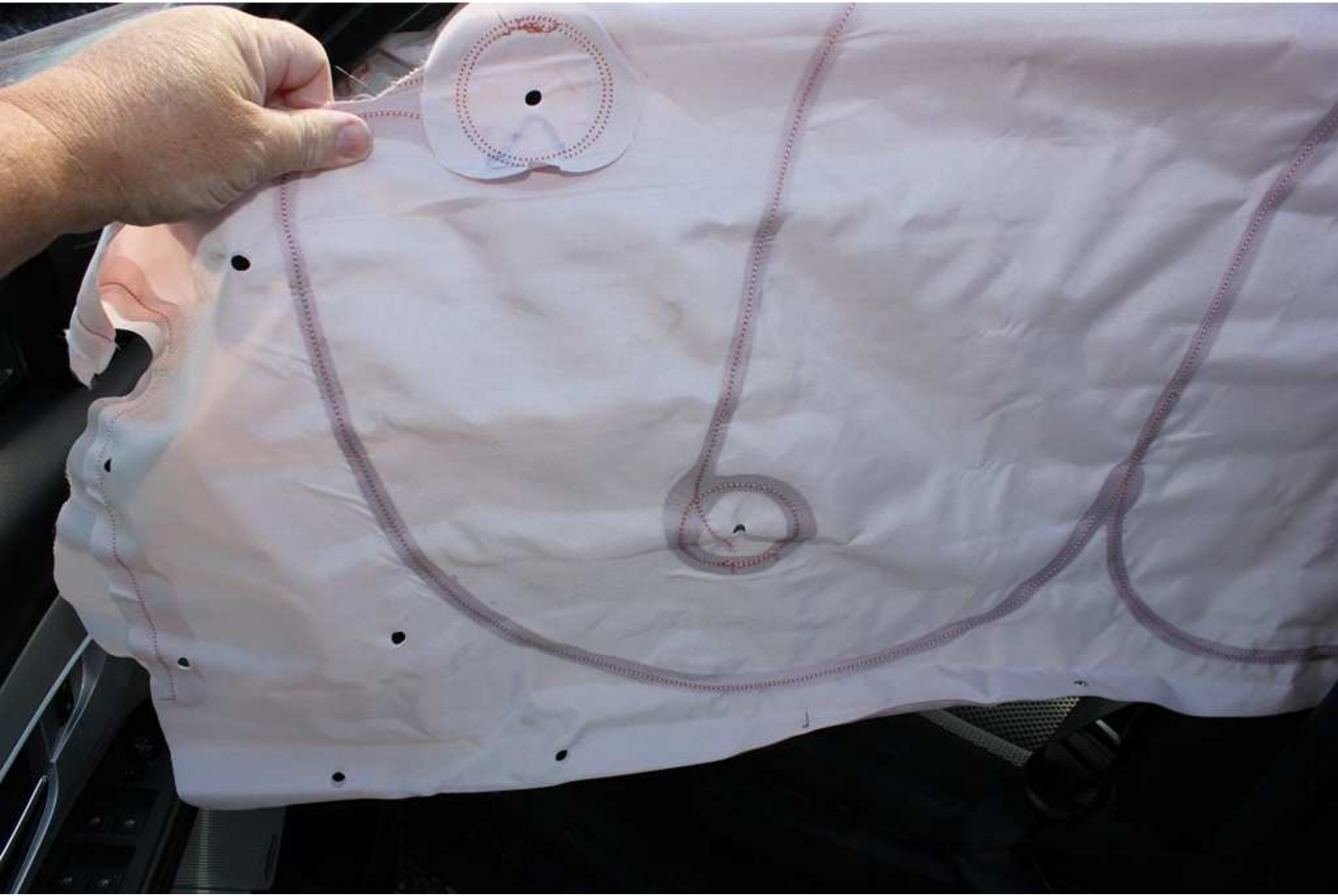
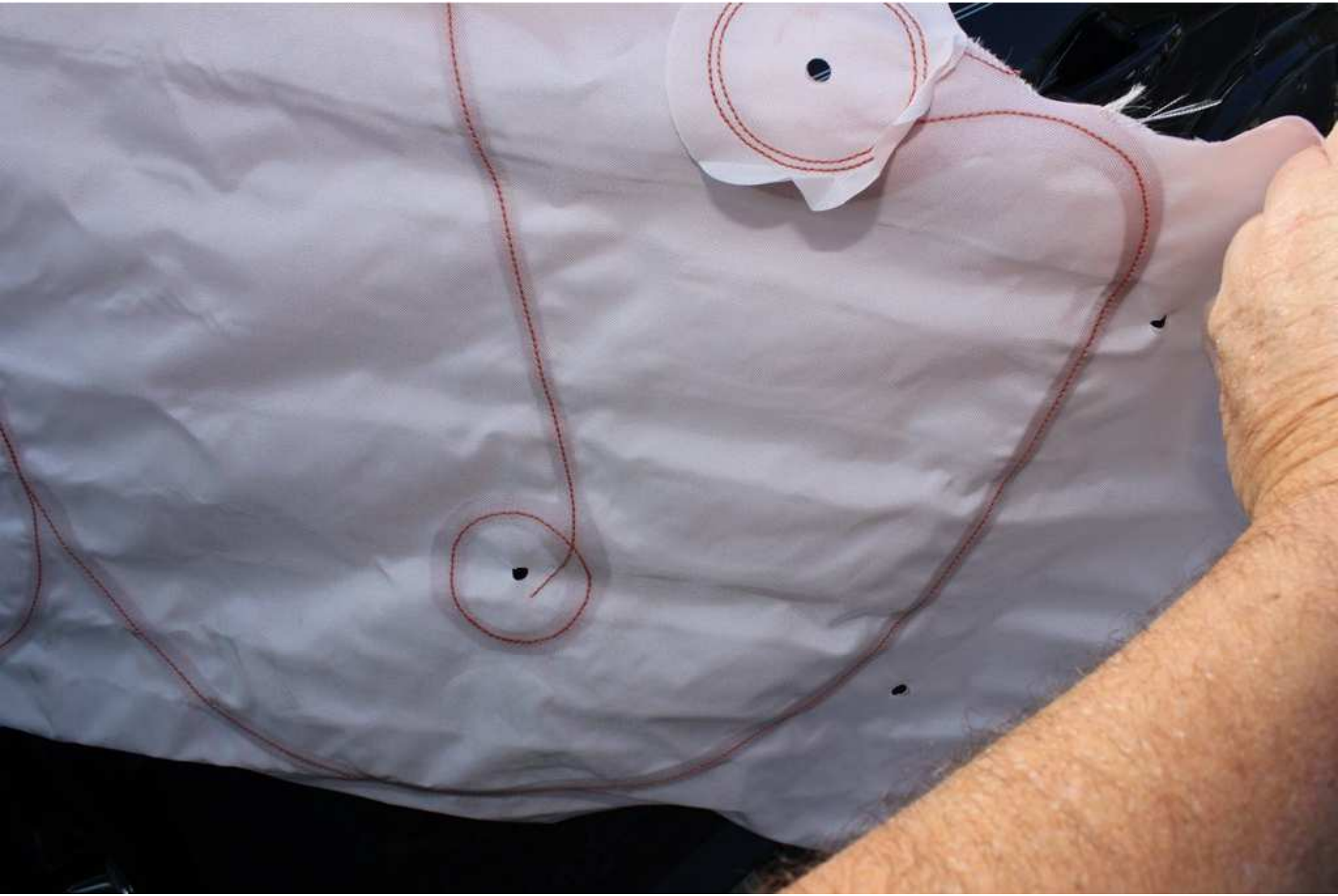













ECOTEC



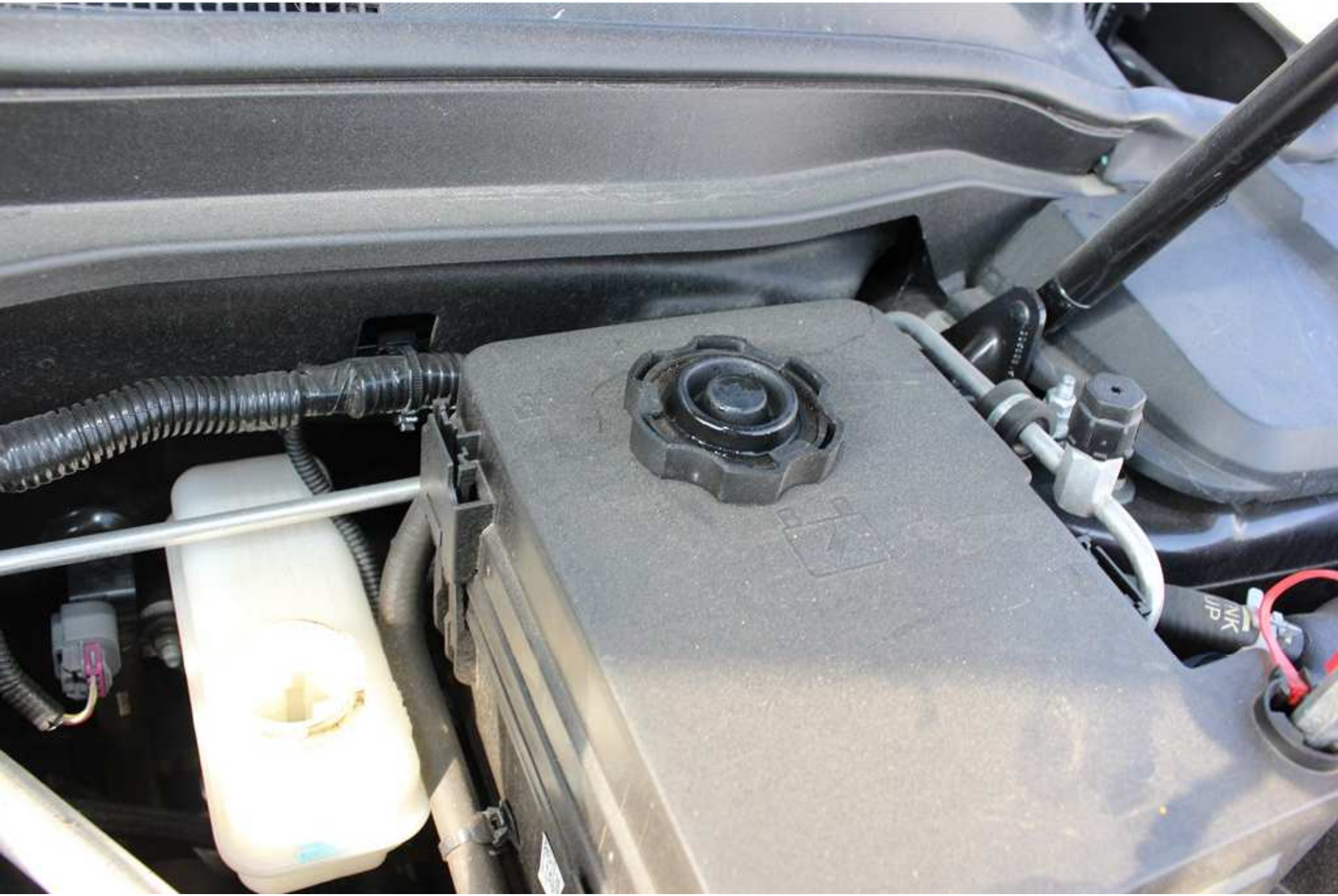







ECOT








J-CASE FUSES
MINI FUSES
MICRO RELAYS
MINI RELAYS
TEST POINTS
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HI PWR
GM
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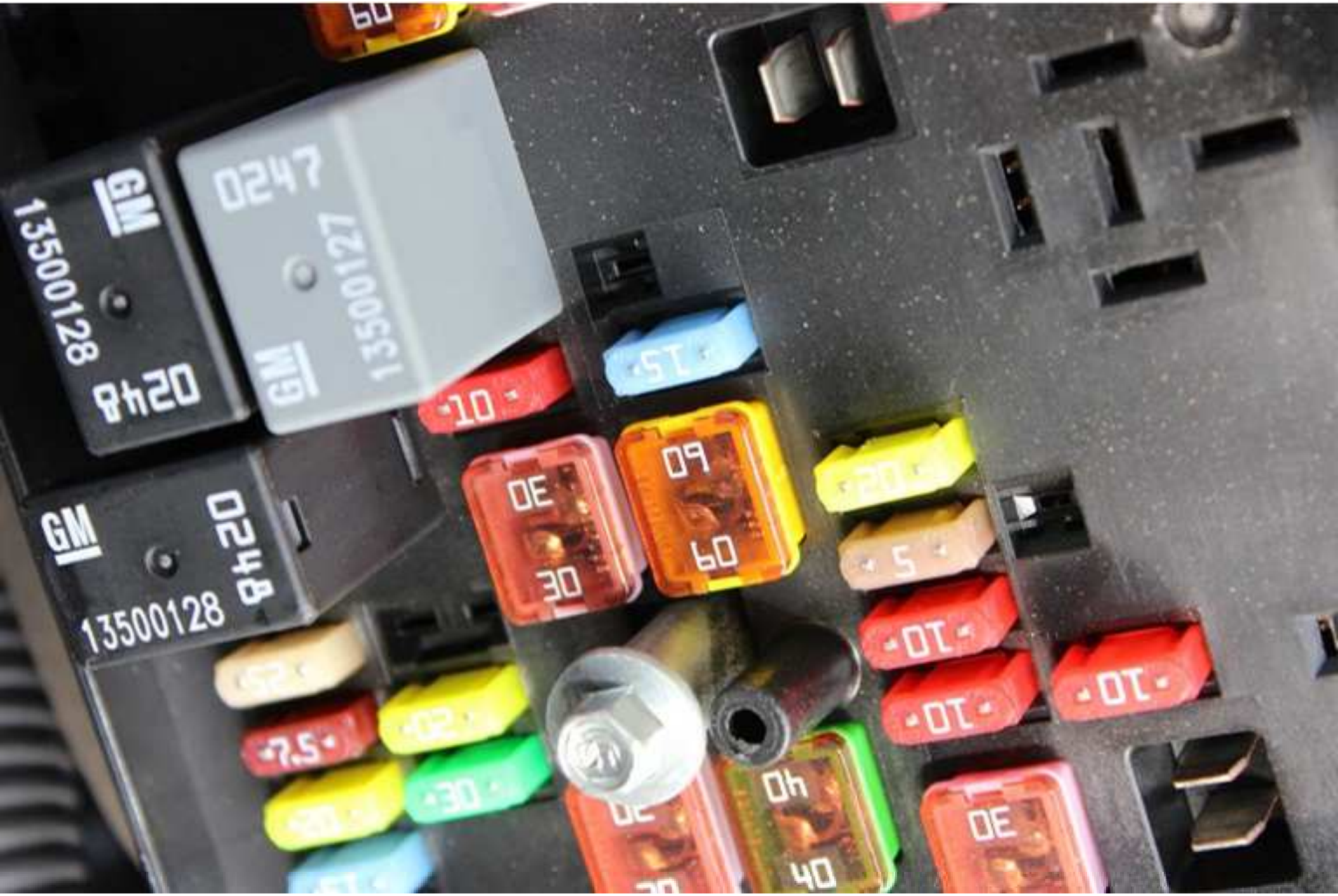
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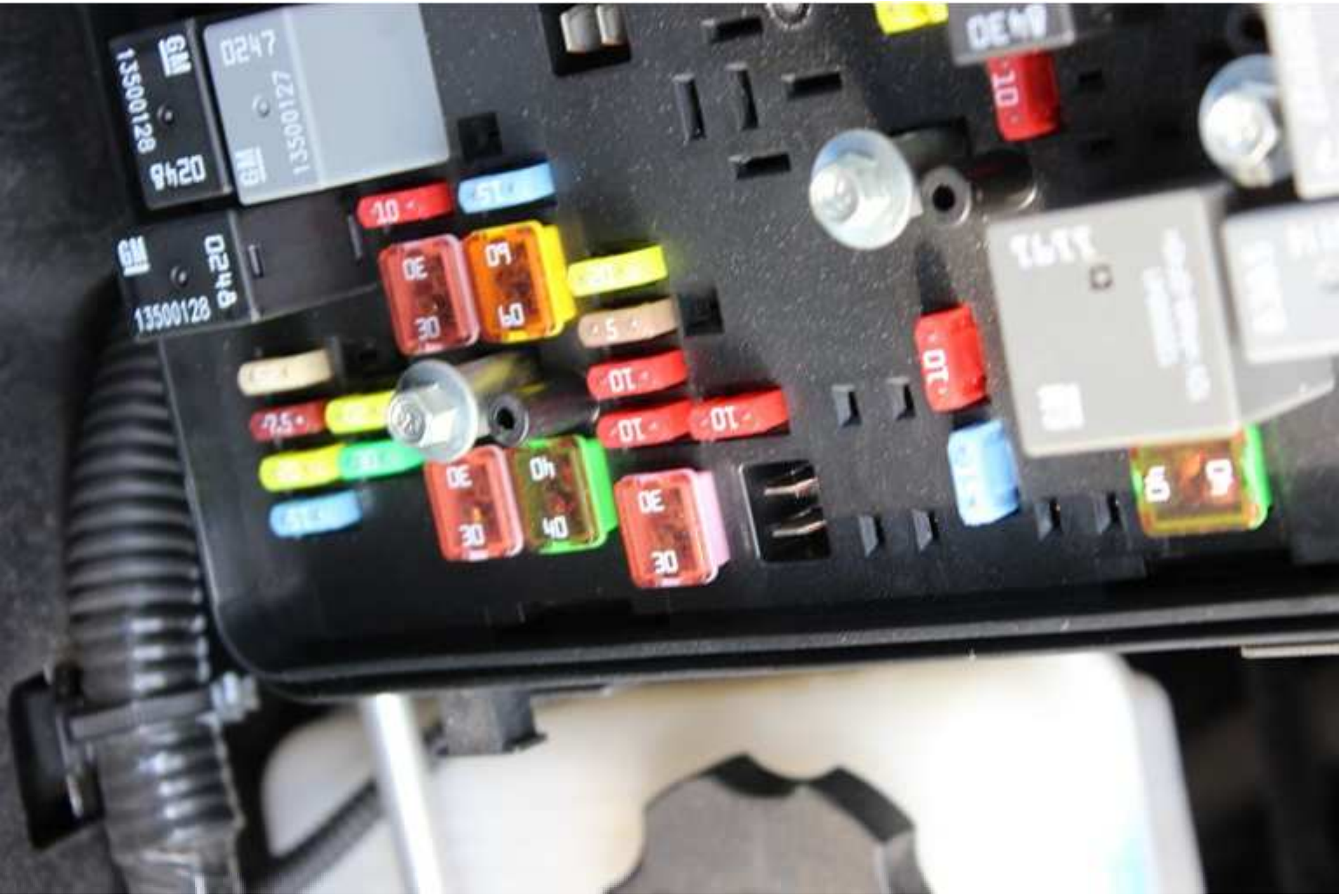
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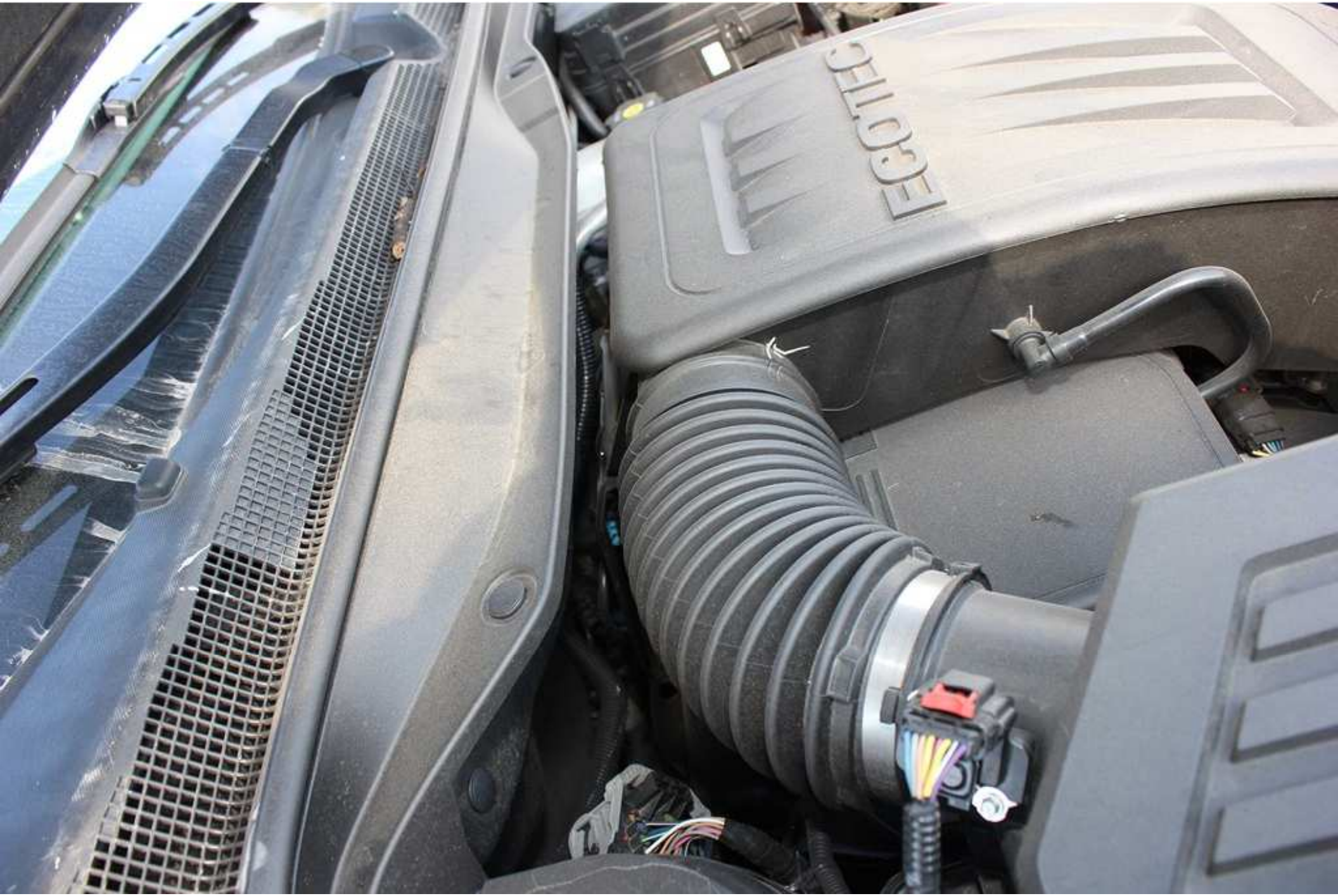
ECOTEC


ECOTEC








ECOTEC


EGOFEC






C
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ABS


C
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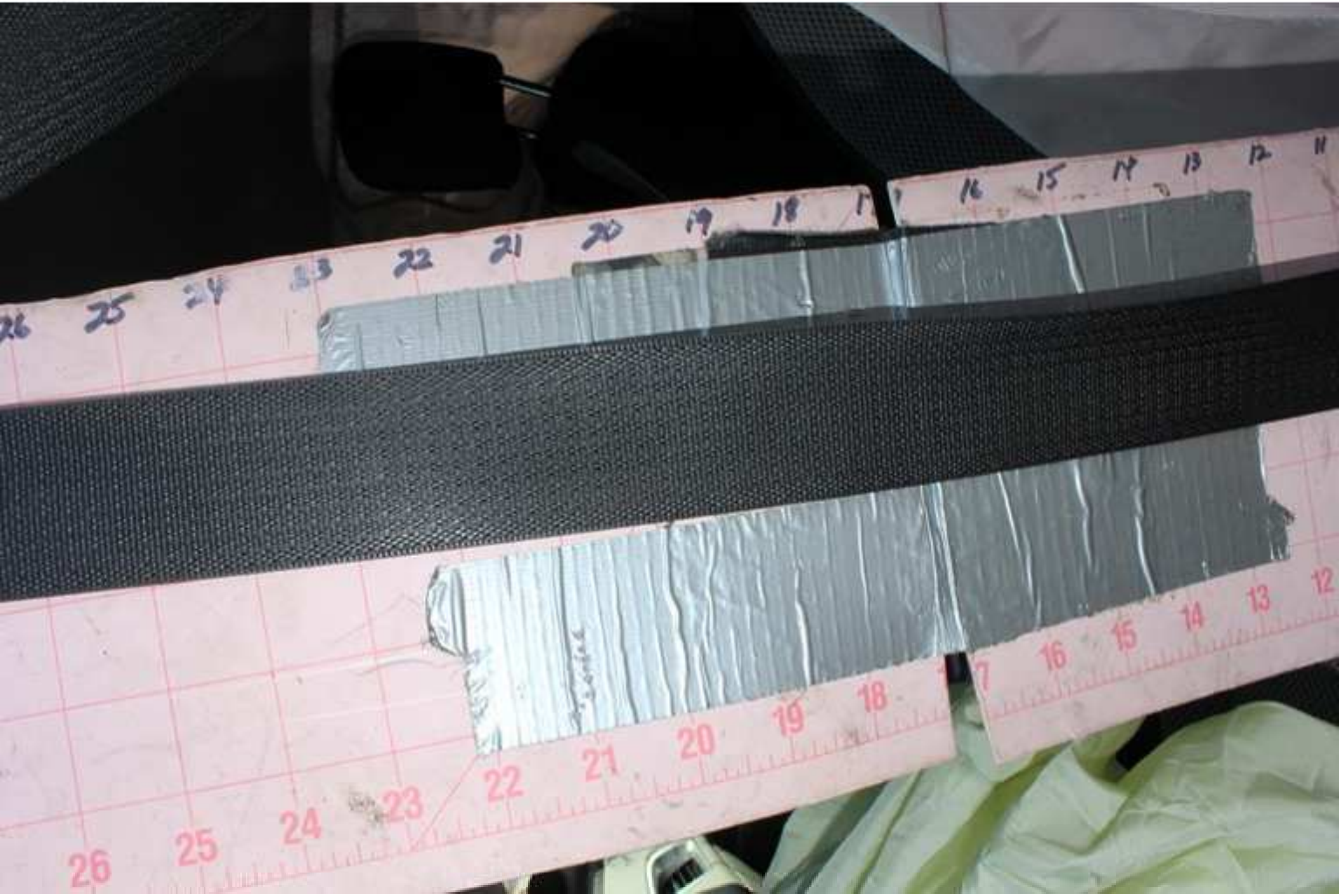
Service
Airbag
ABS
MPH
RPM
x1000













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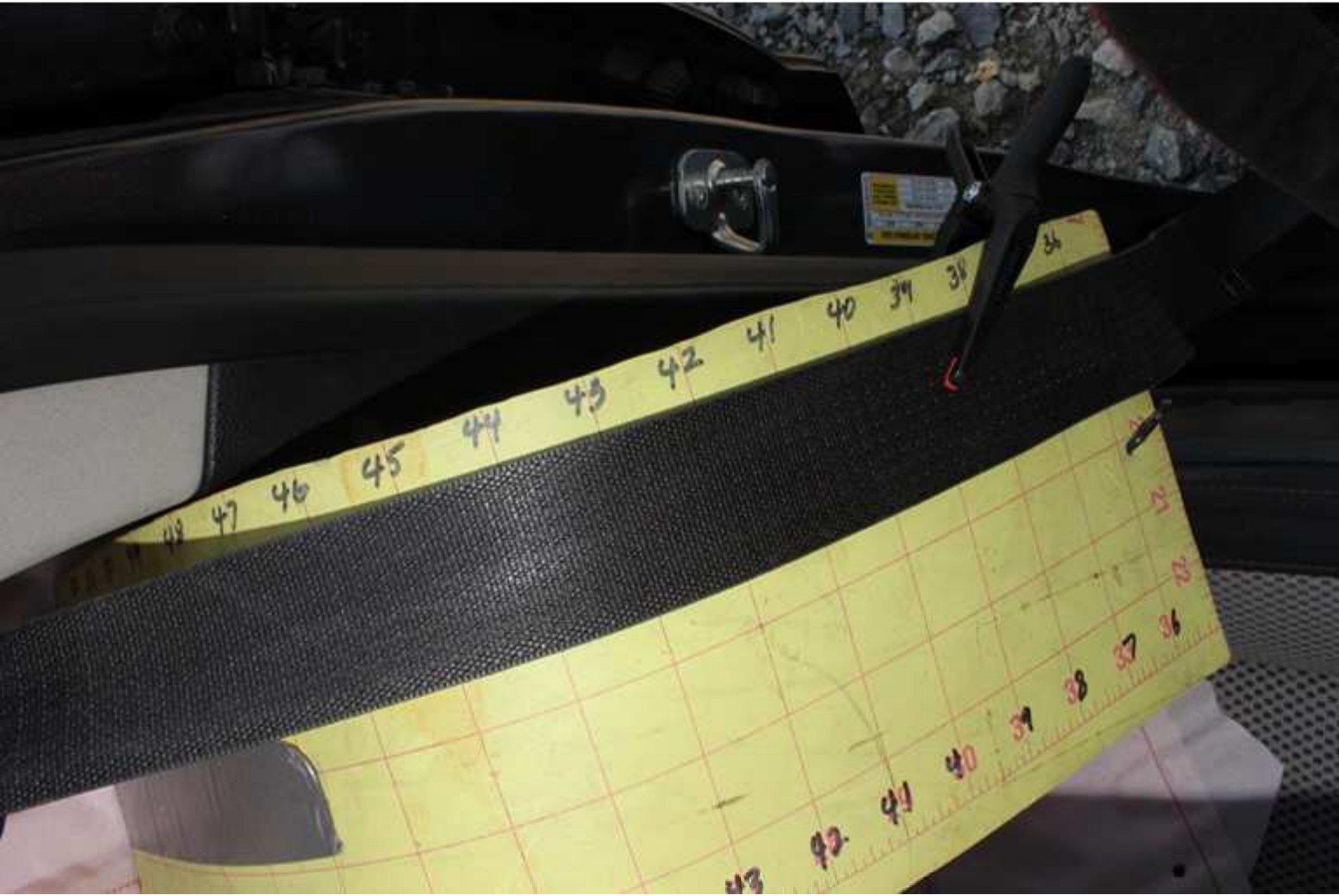


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TIRE AND LOADING INFORMATION


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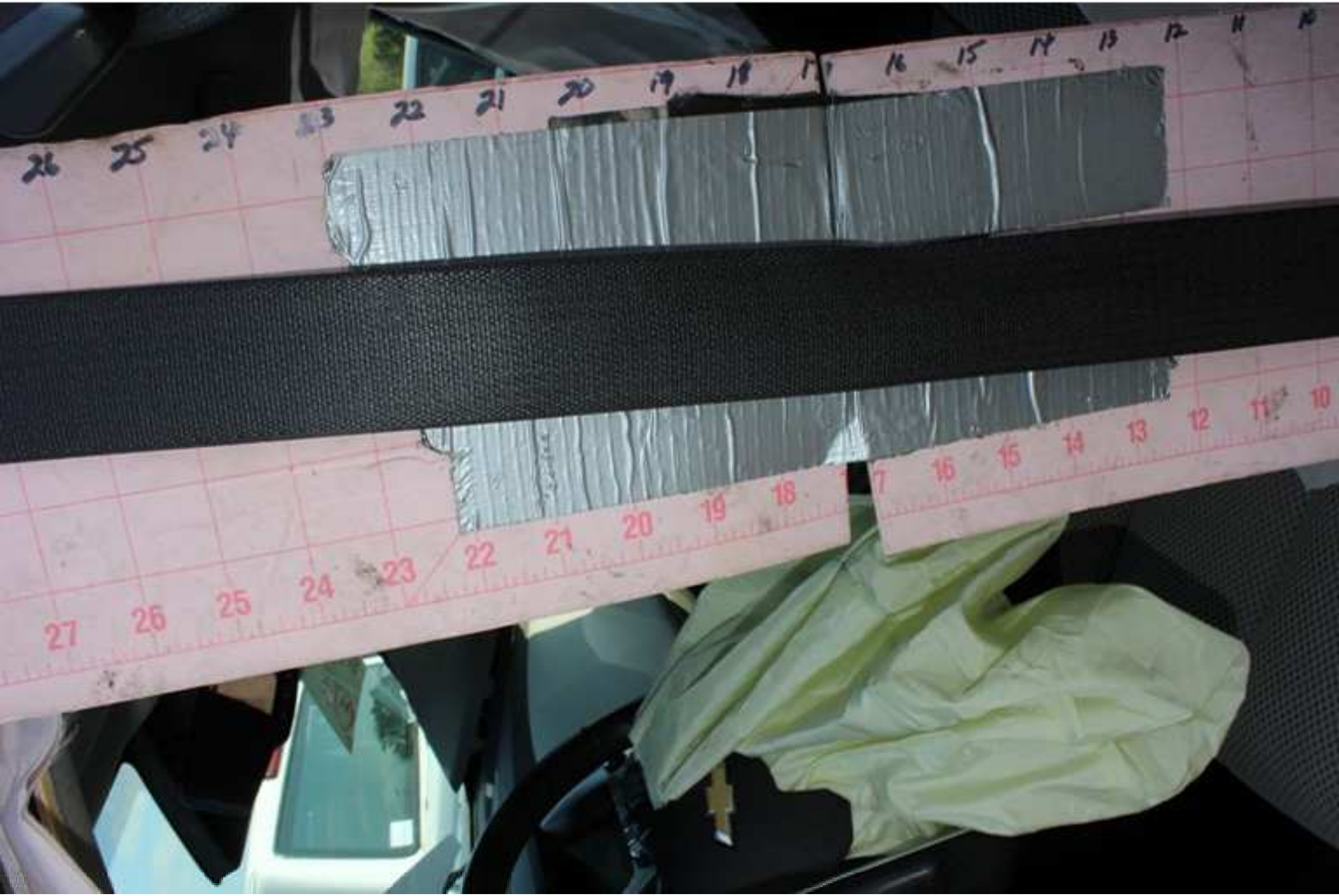



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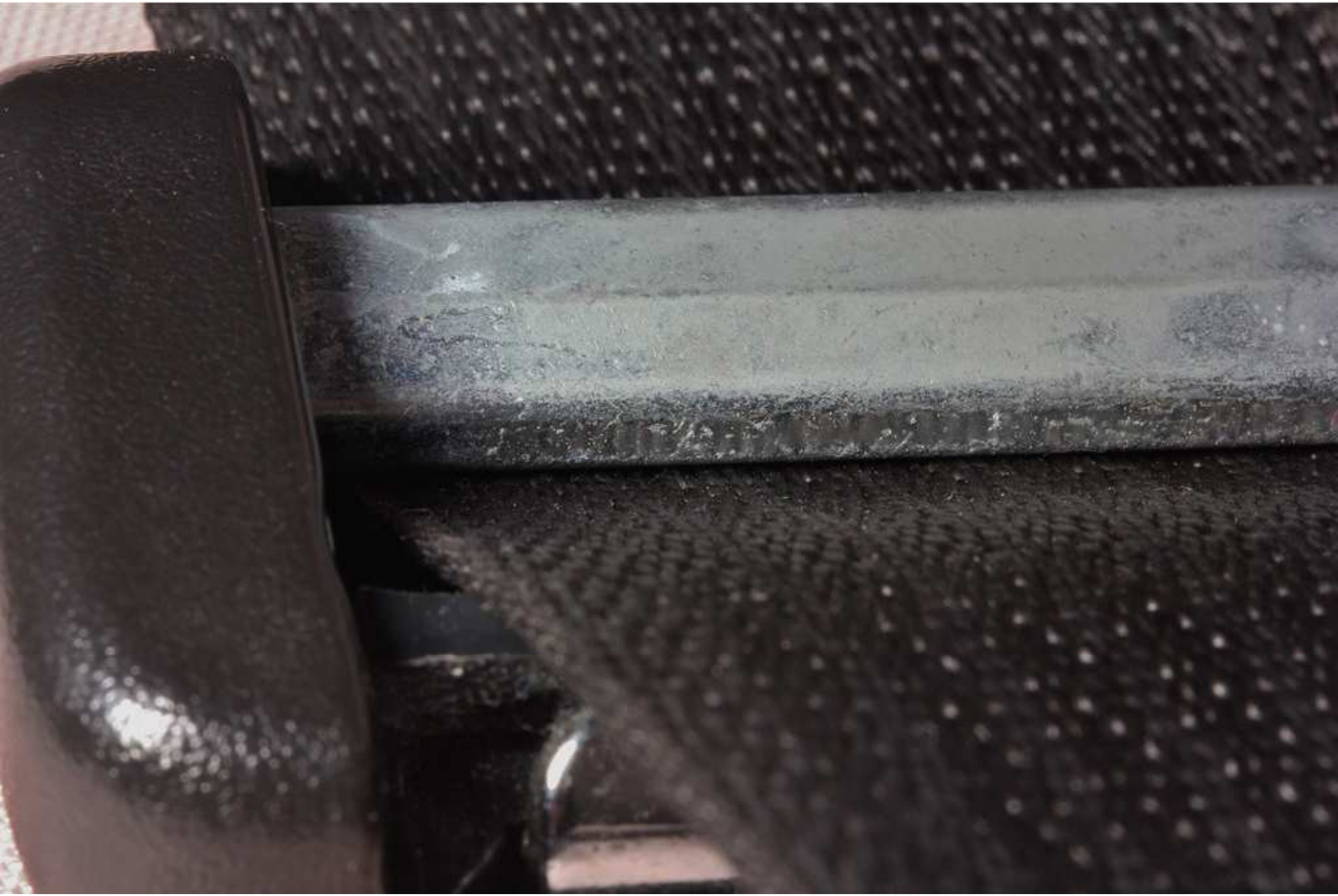




























VEHICLE MAKES
FREQUENT
STOPS


STOP


STOP








SPEED
LIMIT
30
























STOP


STOP


STOP


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INOPERABLE
DASH
· 08/29/2016 INSURANCE AUTO AUCTIONS, INC. © - IAAI.COM


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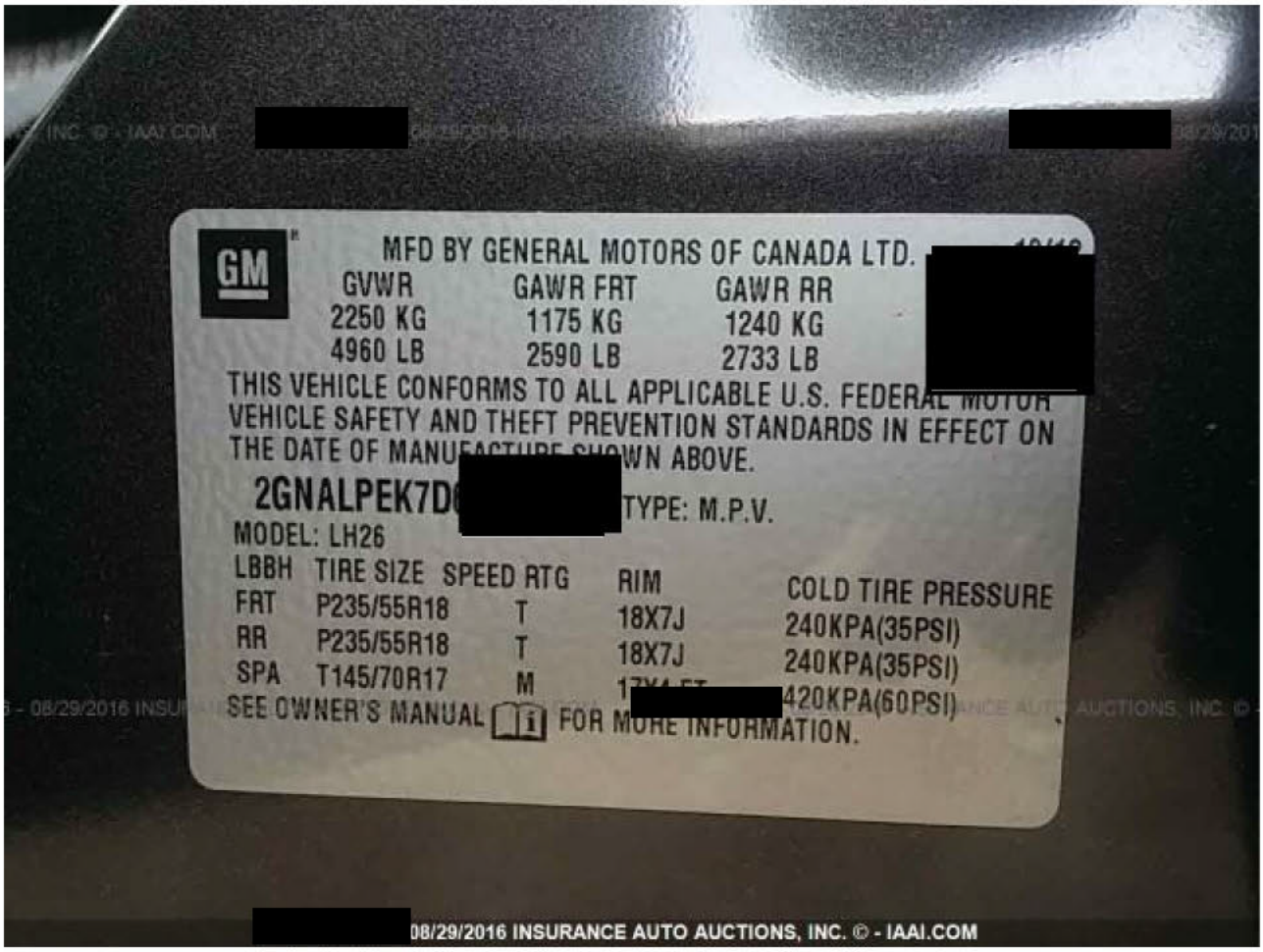
GM
MFD BY GENERAL MOTORS OF CANADA LTD.
GVWR GAWR FRT GAWR RR
2250 KG 1175 KG 1240 KG
4960 LB 2590 LB 2733 LB
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.
2GNALPEK7D
TYPE: M.P.V.
MODEL: LH26
LBBH TIRE SIZE SPEED RTG RIM COLD TIRE PRESSURE
FRT P235/55R18 T 18X7J 240KPA(35PSI)
RR P235/55R18 T 18X7J 240KPA(35PSI)
SPA T145/70R17 M 420KPA(60PSI)
SEE OWNER'S MANUAL FOR MORE INFORMATION.
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ECOTEC
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Warranty

Logout

Main » Interface With Customer » View Vehicle Summary

View Vehicle Summary

This screen allows IVH users to view the Summary of Vehicle Information, Field Actions, Service Information, Applicable Warranties, Transaction History, Service Contract(s) if applicable, Warranty Block, Branded Title information and OnStar and XM Radio information (if applicable).

For this vehicle:
- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D6[redacted] Model: 1LH26-2013 EQUINOX FWD LT

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

Required Field Actions

Open Field Action Details are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	[redacted]	25302	Windshield Wipers	08/16/2016	Incomplete. Remedy not available

Branded Title

*The VIN information contained herein and information derived therefrom is the proprietary property of The Polk Company and is to be used only for the purpose of warranty verification and shall not be used for any other purpose whatsoever.

Vehicle has no current record of branded titles.

Warranty Block

Vehicle has no current record of warranty block.

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

Refer to Help page for details. For OnStar contact 888.ON.STAR1 (888.667.8271) and for XM Radio contact 877.GET.XMST (877.438.9677 Canada) and in the USA:800-556-3600.

OnStar Equipped: Y OnStar Status: Inactive

XM Equipped: Y XM Radio ID: W1X5R2HN XM Status: Active

OnStar Vehicle Diagnostics: N DMN Enabled: N

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	Bumper to Bumper Limited Warranty	11/19/2014	12/26/2012	11 MI	12/26/2015	36,011 MI
	Powertrain Limited Warranty	11/19/2014	12/26/2012	11 MI	12/26/2017	100,011 MI
	Special Coverage 14232	11/19/2014	12/26/2012	11 MI	12/26/2022	150,011 MI

Emission Select Component Ltd Wty	11/19/2014	12/26/2012	11 MI	12/26/2020	80,011 MI
Corrosion Limited Warranty	11/19/2014	12/26/2012	11 MI	12/26/2018	100,011 MI

Service Contract

Vehicle has no current record of service contracts.

Transaction History

View Details

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
04/15/2014	[redacted]	ZREG----Regular Vehicle Transaction		8464450 - Front Wheel Drive Shaft Seal Replacement - Left Side	21,409 MI
04/15/2014	[redacted]	ZREG----Regular Vehicle Transaction		8464970 - Torque Converter Fluid Seal Replacement	21,409 MI
09/04/2013	[redacted]	ZREG----Regular Vehicle Transaction		1031240 - Instrument Panel Lower Extension Accessory Bezel Replacement	8,700 MI
10/25/2012	[redacted]	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

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[redacted]

Warranty

Logout

INTERFACE WITH CUSTOMER

View Vehicle Build

This screen allows IVH users to view the initial build information on the selected VIN including option codes with descriptions (where available).

For this vehicle:
- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D6[redacted] Model: 1LH26-2013 EQUINOX FWD LT

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

REQUEST ANOTHER VIN

Vehicle Build

Model: 1LH26-2013 EQUINOX FWD LT

Gross Vehicle Weight: 2,252

Order Number: [redacted]

Build Date: 10/23/2012

Build Plant: 6

Option Codes

*IVH is not the definitive source of GM Vehicle RPO information and is intended for service reference only. Should there be any questions about the vehicle's original build or RPO information please refer to the original vehicle invoice or window sticker.

01C - SEAT TRIM LT TITANIUM	1AD - DR PANEL TRIM LT TITANIUM
1SZ - OPTION PACKAGE DISCOUNT	2LT - FWD 2LT
4AP - INTERIOR TRIM JET BLACK/ BROWNSTONE	AE8 - PWR SEAT ADJUST-DRIVER, 8-WAY
AFK - LIGHT TITANIUM/DARK BLACK	AKO - GLASS, DEEP TINTED (EXCEPT WINDSHIELD, DRIVER/PASS SIDE GLASS)
AL0 - AIRBAG SENSING SYSTEM, PASSENGER	AR9 - SEAT, FRONT BUCKET
AT8 - RR CHILD SEAT RESTRAINT	ATG - REMOTE KEYLESS ENTRY
AXP - MPV VIN IDENT POSITION	AY0 - AIRBAGS, DRIVER & FRONT PASS. FRONT/SIDE IMPACT. AIRBAGS SIDE HEAD CURTAIN
B1A - PLANT CODE INGERSOL, ONT CANADA	B37 - FLOOR MATS FRONT & REAR
BTV - REMOTE VEHICLE STARTER SYSTEM	C68 - AIR CONDITIONING AUTOMATIC CLIMATE CONTROL
DCP - 6 MTHS ONSTAR DIRECTIONS & CONNECTIONS W/ AUTOMATIC CRASH RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)	DD8 - INSIDE REARVIEW MIRROR, AUTO-DIMMING
DL8 - POWER HEATED OUTSIDE MIRRORS,-DRIVER SIDE	EAZ - TRIM SEAT CLOTH, PLATEAU
EF7 - COUNTRY UNITED STATES OF AMERICA (USA)	F82 - AXLE, 3.23 FINAL DRIVE RATIO
FBZ - TRIM DOOR VINYL, DARWIN	FE1 - SUSPENSION SYSTEM
FE9 - 50-STATE EMISSIONS	FHO - VEHICLE FUEL GASOLINE E10
GXG - TUNGSTEN METALLIC	GZL - 4,960 LBS GVWR
I13 - ENGINEERING MODEL YEAR	JL9 - ANTI-LOCK BRAKE SYSTEM, 4 WHEEL DISC
K09 - ALTERNATOR, 120 AMPS	K34 - CRUISE CONTROL
KA1 - DRIVER & FRONT PASSENGER HEATED SEATS	LEA - ENGINE, 2.4L DOHC 4 CYL W/ VVT
MAH - MARKETING AREA US, PUERTO RICO /USVI	MH7 - TRANSMISSION 6 SPD AUTO, HMD
MX0 - 6 SPD AUTOMATIC TRANSMISSION	N37 - STEERING COLUMN, TILT AND TELESCOPIC
NP5 - LEATHER WRAP STEERING WHEEL	NT7 - FEDERAL EMISSION SYSTEM TIER 2
QCS - TIRE SPARE	QNT - TIRES, P235/55R 18 ALL SEASON
R9N - PROCESSING CODE - SEAT	ROO - TRACKING CODE
RSX - WHEELS, 18" CHROME CLAD ALUMINUM	S1G - WHEEL SPARE
SLM - STOCK ORDERS	T96 - FOG LAMPS, FRONT
TB5 - REAR LIFTGATE, POWER	U2K - XM RADIO + SERVICE SUBSCRIPTION SOLD

	SEPARATELY BY SIRIUS XM AFTER 3 MOTHS
U80 - COMPASS DISPLAY	UE1 - 6 MTHS ONSTAR DIRECTIONS AND CONNECTIONS WITH AUTOMATIC DEPLOYMENT RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)
UFU - RADIO, AM/FM CD PLAYER 7" COLOR SCREEN DISPLAY	UG1 - UNIVERSAL HOME REMOTE
UJM - TIRE PRESSURE MONITOR	UK3 - STEERING WHEEL CONTROLS
UP9 - * CHEVROLET MYLINK, HANDS-FREE SMARTPHONE INTEGRATION WITH PANDORA AND STITCHER, BLUETOOTH AUDIO STREAMING * VOICE-ACTIVIATED TECHNOLOGY	UVC - REAR VISION CAMERA SYSTEM
UZ8 - PREMIUM 8 SPEAKER SYSTEM WITH AMPLIFICATION AND EQUALIZATION	V59 - LUGGAGE RACK SIDE RAILS ROOF MOUNTED
V8D - VEHICLE STATEMENT US	VQN - NOISE CONTROL ACTIVE INTERIOR
VT7 - OWNERS MANUAL, ENGLISH	VZD - MODEL YEAR IDENTIFIER
YB6 - AXLE	YD5 - SPRING FRONT BASE EQUIPMENT
YD6 - SPRING REAR BASE EQUIPMENT	

Added Option Codes

~DA -

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Warranty

Logout

View Vehicle Component Summary

This screen allows IVH users to view the information on various major components added to the VIN selected during vehicle build.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D[redacted] Model: 1LH26-2013 EQUINOX FWD LT

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

Vehicle Component

Vehicle has no current record of vehicle component.

Service Agent Installed Component

Vehicle has no current record of vehicle component.

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Logout

Warranty

View Vehicle Transaction History Detail

This screen allows IVH users to view the available information on individual transaction for the VIN selected.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D6[redacted] Model: 1LH26-2013 EQUINOX FWD LT
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

Job Card Date: 04/15/2014 **Job Card Number:** [redacted]

Repair Service Agent: [redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646
4235359455

Odometer Reading: 21,409 MI
Authorization Code:

Process Date:
05/02/2014

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0344-Transmission - Fluid Leaks

Job Card Line #: 2 Transaction Adjustment: Cause Code: 4061-Interface (Gasket, Seal, Hose, Weld..) - Leaks

Labour Op 8464450-Front Wheel Drive Shaft Seal Replacement - Left Side
Causal Part Number 00000000019256468-SEAL KIT,FRT WHL DRV SHF
→See other Parts and/or Net Items

Job Card Date: 04/15/2014 **Job Card Number:** [redacted]

Repair Service Agent: [redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646
4235359455

Odometer Reading: 21,409 MI
Authorization Code: E

Process Date:
05/02/2014

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0344-Transmission - Fluid Leaks

Job Card Line #: 1 Transaction Adjustment: Cause Code: 4061-Interface (Gasket, Seal, Hose, Weld..) - Leaks

Labour Op 8464970-Torque Converter Fluid Seal Replacement
Causal Part Number 00000000024266675-SEAL ASM-T/CV FLUID
→See other Parts and/or Net Items

Job Card Date: 09/04/2013 **Job Card Number:** [redacted]

Repair Service Agent: [redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646
4235359455

Odometer Reading: 8,700 MI
Authorization Code:

Process Date:
09/09/2013

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0890-Interior - Other issues

Job Card Line #: 1 Transaction Adjustment: Cause Code: 2015-Surface (interior) - Blemish

Labour Op 1031240-Instrument Panel Lower Extension Accessory Bezel Replacement

Causal Part Number 0000000000020903155-BEZEL ASM-F/FLR FRT CNSL ACSRY TR

—See other Parts and/or Net Items

Job Card Date: 10/25/2012 **Job Card Number:** [redacted]

Repair Service Agent: [redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646
4235359455

Odometer Reading: 1 MI
Authorization Code:

Process Date:
10/25/2012

Transaction Type:
ZPDI----Pre-Delivery Inspection

Transaction Expense Category:
Pre-Delivery Inspection

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op Z7000-Pre-Delivery Inspection - Base Time

Causal Part Number

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Warranty

Logout

View Vehicle Delivery Information

This screen allows IVH users to view the available information for the selected VIN delivered to the Service Agent and the ultimate customer. Not all sections will be populated for all VINs.

For this vehicle:
- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALPEK7D6[redacted] Model: 1LH26-2013 EQUINOX FWD LT
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Invoice Information

Invoicing Service Agent: 278[redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646 4235359455

Invoice Date: 10/23/2012

Ship to Information

Ship to Service Agent: 278[redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646 4235359455

Ship to Date: N/A

Delivery Information

Delivery Service Agent: 278[redacted]
INTEGRITY CHEVROLET
2110 CHAPMAN ROAD
CHATTANOOGA TN 37421-1646 4235359455

Delivery Date: 12/26/2012
Delivery Type: 015---RETAIL LEASE - INDIVIDUAL
Delivery Odometer: 11

In Service Information

Invoicing Service Agent:

In Service Date: N/A
In Service Type: 0000
In Service Odometer: 0

Registration Information

Registration Service Agent: N/A

Registration Date: N/A
Registration Number: N/A
Registration Odometer: 0

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This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Service Request Activities – UCC PAR

Service Request Detail

SR No.	8[redacted]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CCC - CAC Tier 1
Address	[redacted]			Approval	Not Initiated	Area	Complaint Vehicle - Operable
City	[redacted]	Zip [redacted]	State [redacted]	UCC	Electrical - Power Windshield Wiper - Motor / Blades / Arms	Sub-Area	Initial Failure/Repair
Last Name	[redacted]	First Name	[redacted]	Involved Dlr	Matthews Chevrolet	Safety	
Daytime #	[redacted]	Evening #		Source	Phone	Updated	11/30/2016 15:04:37
Serial/VIN #	2GKALMEK0D6[redacted]	Mileage	53000	Priority	T1 Referred to Dealer License # GMC	Owner	BZ0MMX
Model	Terrain	Model Year	2013	Status	Closed	Opened	Nov 30, 2016 2:44 PM
Make	GMC	Warranty Start	03/30/2013 00:00:00	Sub Status	SR to Dealer	Closed	Nov 30, 2016 3:04 PM
Cust Concern	Windshield Wipers Inoperative						
Customer Description							

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Generated by bz5y25

Service Request Activities – UCC PAR

Incident Loc		**Incident Desc**	
Component		**Damage Desc**	
Vehicle Loc		**Add'l Info**	
Emergency Svc Names		**Maint Loc**	

PAR Detail

Collision		**Non Collision**		**Property Damage**		**Thermal Event**		**Spec Equip**	
Vehicle Speed				**Weather Condition**				**Prop Owner**	**Property Type**
Last Service Date				**Loc Last Service**				**Property Location**	**Prop Est Repair Cost**
Veh Est Repair Cost				**Spec Equip Installer**				**Prop Damage Description**	

Service Request Activities – UCC PAR

Primary Veh Use		**Inspection Type**		**Inspected By**		**Inspection Date/Time**	
Veh Damage Description				**Explain Other**			

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Nov 30, 2016 4:35 PM		BZ0MMX	Email - Inbound		In Progress		[EXTERNAL] RE: New Service Customer Referral: Beers, 8-[redacted], 2GKALMEK0D6[redacted]

Last Name	First Name	Account	BAC Code

Comments

this should be at Matthews gmc bac #115[redacted]

Mike Ryder
Service Manager
Jim Matthews Chevrolet, Inc.
t:607 729 6266
f:607 729 3260
mryder@matthewsauto.com

_____

From: GMCACUpdate@gm.com [GMCACUpdate@gm.com]
Sent: Wednesday, November 30, 2016 3:04 PM
To: Mike Ryder
Cc: Joe Polakovich
Subject: New Service Customer Referral: Beers, 8[redacted] 2GKALMEK0D6[redacted]

Email ID# A01CACT1ET (Do not delete/alter this line)

How did we do? Please share your feedback regarding this experience with the GM Customer Assistance Center via our Voice of the Dealer Survey: https://www.inmoment.com/websurvey/app?gateway=GMCustomersVOD

Service Request Activities – UCC PAR

To: M RYDER
CC: JOSEPH POLAKOVICH

SR#: 8[redacted]
Involved Dealer: Matthews Chevrolet
BAC: 245[redacted]

This is a new service customer referral from CAC Tier 1. This Customer told us they hadn't discussed their concern(s) with a GM Dealer in the past 60 days, and we want to make you aware of their concern(s). This email is purely FYI, no action is required on your part at this time.

Customer: [redacted]
- Cell:
- Daytime: [redacted]
- Evening:
- Email [redacted]

Vehicle: 2013 GMC Terrain
- Current Mileage: 53000
- VIN: 2GKALMEK0D6[redacted]

Customer's reason for calling: Customer's windshield wipers have stopped working. Customer has an open recall for the windshield wipers in which the parts are not available at this time.

Expectations set for this custome...

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Nov 30, 2016 3:04 PM	BZ0MMX	BZ0MMX	SR Closed - SR to Dealer		Done	11/30/2016 15:04:37	Service Request has been Closed SR to Dealer.

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Nov 30, 2016 3:04 PM	BZ0MMX	BZ0MMX	Dealer Notification	Information Only	Done	11/30/2016 15:04:18	Initial Referral to Dealership from CAC

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Customer has been referred to your dealership for assistance. If you haven't already been in contact with the customer, please reach out to them to attempt to resolve.

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Nov 30, 2016 3:00 PM	BZ0MMX	BZ0MMX	Email - Outbound		Done	11/30/2016 15:04:17	New Service Customer Referral: Beers, 8[redacted] 2GKALMEK0D6[redacted]

Last Name	First Name	Account	BAC Code
Ryder	Mike		

Comments

Email ID# A01CACT1ET (Do not delete/alter this line)

How did we do? Please share your feedback regarding this experience with the GM Customer Assistance Center via our Voice of the Dealer Survey: https://www.inmoment.com/websurvey/app?gateway=GMCustomersVOD

To: M RYDER
CC: JOSEPH POLAKOVICH

SR#: 8-[redacted]
Involved Dealer: Matthews Chevrolet
BAC: 245[redacted]

This is a new service customer referral from CAC Tier 1. This Customer told us they hadn't discussed their concern(s) with a GM Dealer in the past 60 days, and we want to make you aware of their concern(s). This email is purely FYI, no action is required on your part at this time.

Customer: [redacted]
- Cell:
- Daytime: [redacted]
- Evening:
- Email: [redacted]

Vehicle: 2013 GMC Terrain
- Current Mileage: 53000

- VIN: 2GKALMEK0D6[redacted]

Customer's reason for calling: Customer's windshield wipers have stopped working. Customer has an open recall for the windshield wipers in which the parts are not available at this time.

Expectations set for this customer: General Motors will notify customers when recall repairs are available. In the meantime, if a customer experiences malfunction of the front windshield wipers, they should transport the vehicle in a safe manner to a dealer for immediate repairs. Normal warranty coverage applies. If their repair is for the same condition, customers can file for reimbursement when they receive the 2nd letter.

Did CAC provide the customer with a...

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Nov 30, 2016 2:45 PM	BZ0MMX	BZ0MMX	Inbound Call Customer	Simple Call Resolved	Done	11/30/2016 15:04:34	RFI Recall

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Reason: Cust wants to know when the parts for the windshield wipers recall will be available. Cust windshield wipers have stopped working and he wants to know what he needs to do to get the wipers repaired. Cust expressed his safety concern for himself and children while driving with the windshield wipers being inoperative. Cust wants to know in a case of an accident will GM cover the damage of the veh.

Expectation: Cust was informed General Motors will notify customers when recall repairs are available. In the meantime, if a customer experiences malfunction of the front windshield wipers, they should transport the vehicle in a safe manner to a dealer for immediate repairs. Normal warranty coverage applies. If their repair is for the same condition, customers can file for reimbursement when they receive the 2nd letter. Cust was also informed that if there is a case were and accident occurs his case will be sent to another department to work with.

DestinySpinner/SAG/CACT1

Confidential Comments

UCC Information

UCC Code	Description	Symptom
N51	Electrical - Power Windshield Wiper -	Inoperative

UCC Information

UCC Code	Description	Symptom
	Motor / Blades / Arms	

End of Report

Service Request Activities – UCC PAR

Service Request Detail

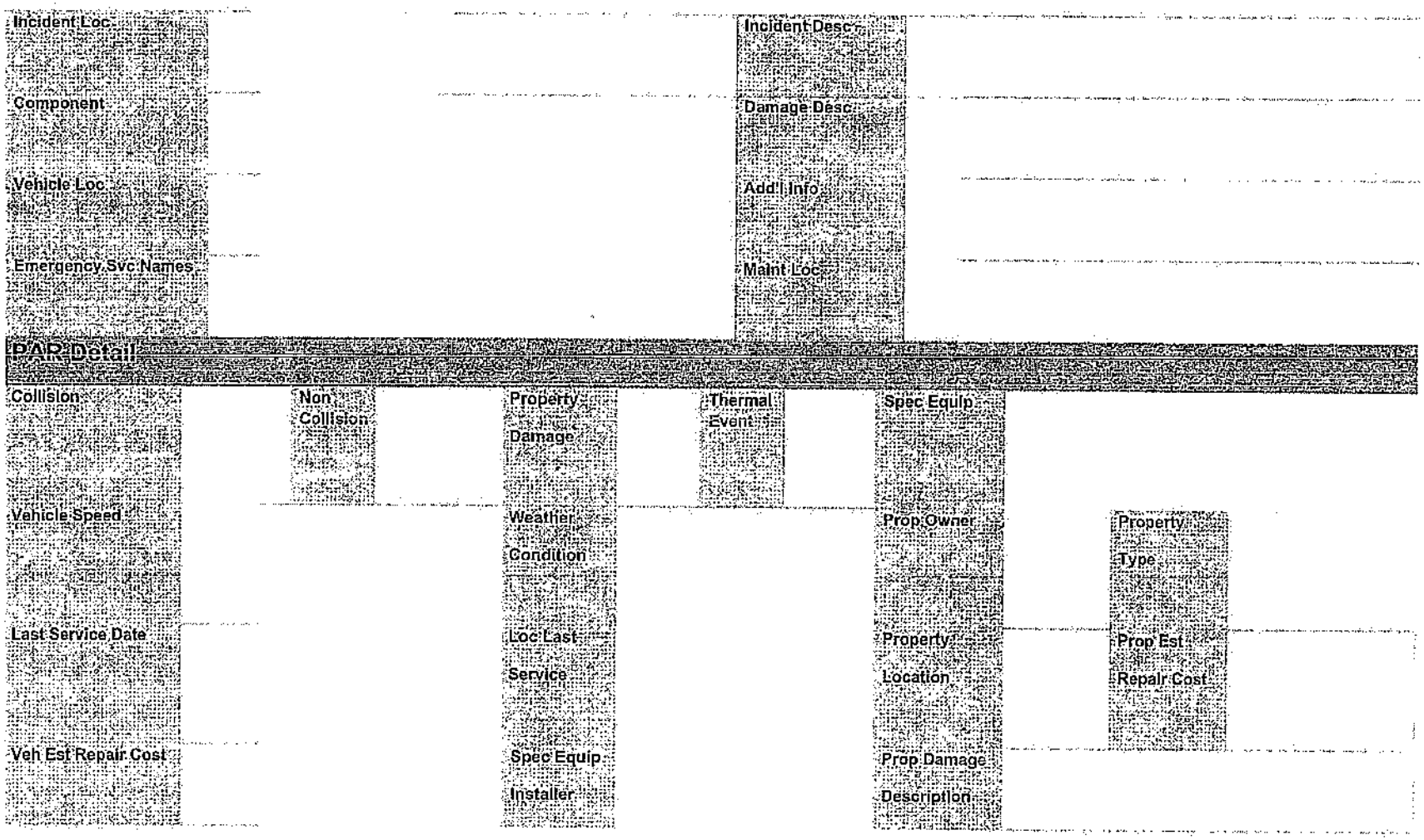
SR No	8[redacted]	Ref No	8[redacted]	Cost Ast	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GWSubType		Business Unit	CCC - CAC Tier 2
Address	[redacted]			Approval	Not Initiated	Area	RFI Recall
City		Zip [redacted]	State [redacted]	UCC	Glass - Windshield	Sub-Area	25302 Front Wiper Corrosion
LastName		First Name	Michael	Involved Dlr	Matthews Buick GMC Cadillac	Safety	
Daytime #		Evening #		Source	Phone	Updated	12/29/2016 10:35:54
Serial/VIN #	2GKALMEK0D6[redacted]	Mileage	60000	Priority	Medium License # GMC	Owner	PZ805B
Model	Terrain	Model Year	2013	Status	Open	Opened	Dec 28, 2016 8:43 AM
Make	GMC	Warranty Start	03/30/2013 00:00:00	Sub Status	Dissatisfied	Closed	
Cust Concern	Windershied Recall						
Customer Description	Do not reopen case after 14days						

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People In Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency


Incident Loc
Component
Vehicle Loc
Emergency Svc Names
Incident Desc
Damage Desc
Add'l Info
Maint Loc
PAR Detail
Collision
Vehicle Speed
Last Service Date
Veh Est Repair Cost
Non Collision
Property Damage
Weather Condition
Loc Last Service
Spec Equip Installer
Thermal Event
Spec Equip
Prop Owner
Property Location
Prop Damage Description
Property Type
Prop Est Repair Cost

Primary Veh Use		Inspection Type		Inspected By		Inspection Date/Time	
Veh Damage Description				Explain Other			

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 5, 2017 11:10 AM	ZZV9KN	PZ805B	Notify CRM		Done	01/05/2017 13:21:01	Please see PAC workflow notes
Last Name [redacted]		First Name	Account		BAC Code		

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 5, 2017 11:09 AM	ZZV9KN	ZZV9KN	BRC PAR	Workflow-Non PAC	Done	01/05/2017 11:10:43	SR is a non PAC concern. Please handle accordingly using guidelines in DOC: SS2779.
Last Name [redacted]		First Name	Account		BAC Code		

SR was escalated to ESIS due to property damage (mailbox).

Once the case has been accepted by ESIS and the assigned ESIS Advisor's name and contact info has been documented in the Comments of the Escalation activity, change the SR Sub Area to "Escalated to BRC" and close the SR with the appropriate sub status.

Wadad/WMI/PAC/ext.5911829

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 4, 2017 11:30 AM	PZ805B	ESISBIQU	Escalation	ESIS - Property Damage	In Progress		PAC Escalation

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

-Best Time to Call Customer : Any
-Did anyone seek professional medical attention?NO
-Is the vehicle in the owner's possession and where is it currently located?: Yes, Vehicle is at customer home address.
-(Address or place name): [redacted] Binghamton,NY [redacted]
-Has the vehicle been repaired?: No
-Was insurance claim filed?: No
-Description of damage to property, other than vehicle (i.e: mailbox, garage door, etc.):Customer hit Mailbox, Mailbox was replaced.
-Description of the situation and the customer's allegation: Customer was driving home and it was snowing he tried to turn on windshield wipers they pooped off and customer hit the neighbors mailbox. Mailbox has been replaced.
-Accident Location Binghamton, NY: Kattleville Rd
-Date of the incident:12/15/16
-Involved dealer : Matthews Buick GMC Cadillac (BAC:11[redacted]
-Current Mileage:60,000
-Year, Make, Model: [redacted] Terrain
-VIN: 2GKALMEK0[redacted]
-Email address [redacted]
-Phone numbe[redacted]
-Mailing addres[redacted]
-Include the Date the interaction took place:12/29/16

Robyn/WMI/Tier 2

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 4, 2017 11:29 AM	PZ805B	XZRK3H	Manager Review	Case Closure	Done	01/05/2017 10:13:17	See SR Summary

Last Name	First Name	Account	BAC Code
[redacted]			

Case escalation approved

LaToya Kidd/Team Lead/WMI

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 4, 2017 11:27 AM	PZ805B	PZ805B	SR Summary	SR Closure Review	Done	01/04/2017 18:53:13	Review to Close SR

Last Name	First Name	Account	BAC Code
[redacted]			

Customer states: I have a open recall that has been open since about July. At this time there is no remedy and I'm worried about driving it with my daughters in the car. I have already been in car accident because of this issue I hit a mailbox because I could not see.I really need this to be fixed i live in NY where it snows a lot and can't see out my windshield wipers.

Customer's seeks:Recall Remedy/ repair or loaner

What did CEM/ SA do to resolve concern: SA partnered with CEM to provide best resolution. CEM advised that the dealership could perform a temporary repair because no remedy has been given for recall but repair cost would been on customer until recall remedy is release and repair is determined to be because of recall. SA will send the case to PAC for review. The case may be escalated to PAC for review due customer stating the accident was die to product defect.

Customer Dissatisfied.

Robyn/WMI/Tier 2

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 4, 2017 9:17 AM	XZRK3H	PZ805B	Notify CRM	Case Review Complete	Done	01/04/2017 11:27:01	See Manager Review

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 3, 2017 6:41 PM	PZ805B	PZ805B	Scheduled Outbound Call Cust		Schedul ed Alarm		Case Closure Follow Up

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 29, 2016 11:33 AM	PZ805B	XZRK3H	Manager Review	Case Closure	Done	01/04/2017 09:17:27	See SR Summary

Last Name	First Name	Account	BAC Code
[redacted]			

Case closure denied

* Review for PAC escalation based on customer issue.

LaToya Kidd/Team Lead/WMI

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 29, 2016 11:27 AM	PZ805B	PZ805B	SR Summary	SR Closure Review	Done	12/29/2016 11:34:51	Review to Close SR

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Customer states: I have a open recall that has been open since about July. At this time there is no remedy and I'm worried about driving it with my daughters in the car. I have already been in car accident because of this issue I hit a mailbox because I could not see.I really need this to be fixed i live in NY where it snows a lot and can't see out my windshield wipers.

Customer's seeks:Recall Remedy/ repair or loaner

What did CEM/ SA do to resolve concern: SA partnered with CEM to provide best resolution. CEM advised that the dealership could perform a temporary repair because no remedy has been given for recall but repair cost would been on customer until recall remedy is release and repair is determined to be because of recall.

Customer Dissatisfied.

Robyn/WMI/Tier 2

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 29, 2016 11:18 AM	PZ805B	PZ805B	Scheduled Outbound Call Cust		Done	01/03/2017 15:14:58	Case Closure Follow Up

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 29, 2016 11:16 AM	PZ805B	PZ805B	Milestone	Final Response Determined ($$)	Done	12/29/2016 11:33:29	Final Response Determined ($$)

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Vehicle can be repaired at customer expense and a reimbursement may be issued once recall remedy has been issued and repairs are related to recall.

Robyn/WMI/Tier 2

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 29, 2016 10:44 AM	PZ805B	PZ805B	Milestone	Initial Response Received ($$)	Done	12/29/2016 11:33:26	Initial Response Received ($$)

Last Name [redacted] First Name [redacted] Account BAC Code

Comments

Vehicle can be repaired at customer expense and a reimbursement may be issued once recall remedy has been issued and repairs are related to recall.

Robyn/WMI/Tier 2

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 29, 2016 10:42 AM	PZ805B	PZ805B	Milestone	Action Plan Received	Done	12/29/2016 11:33:20	Action Plan Received

Last Name [redacted] First Name [redacted] Account BAC Code

Comments

Customer can drop off the vehicle for temporary repair but there is no remedy.

Robyn/WMI/Tier 2

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 29, 2016 10:29 AM	PZ805B	PZ805B	Outbound Call Customer	Made Contact	Done	12/29/2016 16:11:54	[redacted]

Last Name [redacted] First Name [redacted] Account BAC Code

Comments

Outbound Disclaimer

SA: I partnered with Joe at the dealership at this time GM does not have a remedy for the recall, the dealership can do a temporary fix and then any repair expense related to recall would be reimbursed.

Customer states: I am not satisfied because this is just going keep falling off. and putting my kids and other people life at risk., And then it

takes them about two days to fix so I'm out a vehicle and mixing work.

SA: I pushed for a loaner vehicle but because the vehicle is out of warranty and thee is no remedy for this recall, they are unable to determine how long you will have to keep the rental.Would you like me to set up appt for repairs?

Customer : No I'll call on my on thanks

Robyn/WMI/Tier 2

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 28, 2016 4:54 PM	PZ805B	PZ805B	Scheduled Outbound Call Cust		Done	12/29/2016 11:32:47	Call Cust to confirm Recall Repairs

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 28, 2016 3:41 PM		PZ805B	Email - Inbound		Done	12/29/2016 11:33:11	[EXTERNAL] RE: New Case Notification, CAC SR Data Share, & Action Plan Request: [redacted] 2GKALMEK0D[redacted]

Last Name	First Name	Account	BAC Code
Polakovich	Joe	Matthews Buick GMC Cadillac	115[redacted]

Comments

Robyn,
` Send a note to our DSM, Jasmine Fleming, she states " Joe if there'sa temporary fix, fix it under customer pay and once a remedy is found then the customer can get reimbursed and the updated the recall calls for.", I guess that is our answer for the customer..... close the case....
THANKS joe p

-----Original Message-----
From: GMCACUpdate@gm.com [mailto:GMCACUpdate@gm.com]
Sent: Wednesday, December 28, 2016 9:48 AM
To: Joe Polakovich
Subject: New Case Notification, CAC SR Data Share, & Action Plan Reques[redacted], 8[redacted]2GKALMEK0D6[redacted]

Email ID# A02CACT2ET (Do not delete/alter this line)

To: Joseph Polakovich
Attachment: CAC SR Data Share (PDF)

This is just a reference to our previous call. Thank you for assisting in this case. If you have any question, I am available Monday- Friday 8am-5pm EST

Customer Concern: I have a open recall that has been open since about July. At this time there is no remedy and I'm worried about driving it with my daughters in the car. I have already been in car accident because of this issue I hit a mailbox because I could not see.I really need this to be fixed I live in NY where it snows a lot and can't see out my windshield wipers.

Customer's Request: Recall Remedy/ repair or loaner

SA Advised: I advised customer I will partner with the CEM Joseph over at the dealership to provide the best options for you. I will be doing some more research on your concerns and w will follow up w...

Confidential Comments:

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 28, 2016 9:43 AM	PZ805B	PZ805B	Email - Outbound		Done	12/28/2016 09:47:46	New Case Notification, CAC SR Data Share, & Action Plan Request: [redacted] 2GKALMEK0D[redacted]

Last Name	First Name	Account	BAC Code
Polakovich	Joe		

Comments:

Email ID# A02CACT2ET (Do not delete/alter this line)

To: Joseph Polakovich
Attachment: CAC SR Data Share (PDF)

This is just a reference to our previous call. Thank you for assisting in this case. If you have any question, I am available Monday- Friday 8am-5pm EST

Customer Concern: I have a open recall that has been open since about July. At this time there is no remedy and I'm worried about driving it with my daughters in the car. I have already been in car accident because of this issue I hit a mailbox because I could not see.I really need this to be fixed I live in NY where it snows a lot and can't see out my windshield wipers.

Customer's Request: Recall Remedy/ repair or loaner

SA Advised: I advised customer I will partner with the CEM Joseph over at the dealership to provide the best options for you. I will be doing some more research on your concerns and w will follow up with you in 24 hrs

Customer:
- Phone nu
- Email:

Vehicle: 2013 GMC Terrain
- Current Mileage: 60000
- VIN: 2GKALMEK0D

SR#: 8
Involved Dealer: Matthews Buick GMC Cadillac
BAC: 11

If you need anything from me, please let me know how I can help.

Thank you,
Robyn Benson
GMC Customer Assistance Center
Phone Number:1-866-790-5600
Extension Number: 5911112
ISR:

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 28, 2016 9:20 AM	PZ805B	PZ805B	SR Data Share		Done	12/29/2016 08:10:30	SR Data Share Complete

Last Name	First Name	Account	BAC Code

Comments

Customer Concern: I have a open recall that has been open since about July. At this time there is no remedy and I'm worried about driving it with my daughters in the car. I have already been in car accident because of this issue I hit a mailbox because I could not see.I really need this to be fixed I live in NY where it snows a lot and can't see out my windshield wipers.

Customer's Request: Recall Remedy/ repair or loaner

SA Advised: I advised customer I will partner with the CEM Joseph over at the dealership to provide the best options for you. I will be doing some more research on your concerns and w will follow up with you in 24 hrs

Robyn/WMI/Tier 2 ABAY

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 28, 2016 8:55 AM	PZ805B	PZ805B	Inbound Call Customer	Complex Request	Done	12/29/2016 08:10:25	RFI Recall 25302

Last Name	First Name	Account	BAC Code
[redacted]			

Customer Concern: I have a open recall that has been open since about July. At this time there is no remedy and I'm worried about driving it with my daughters in the car. I have already been in car accident because of this issue I hit a mailbox because I could not see.I really need this to be fixed i live in NY where it snows a lot and can't see out my windshield wipers.

Customer's Request: Recall Remedy/ repair or loaner

SA Advised: I advised customer I will partner with the CEM Joseph over at the dealership to provide the best options for you. I will be doing some more research on your concerns and w will follow up with you in 24 hrs

Robyn/WMI/Tier 2 ABAY

Confidential Comments

UCC Information

UCC Code	Description	Symptom
C51	Glass - Windshield	Broken

End of Report

CARFAX® Vehicle History Report™

An independent company established in 1986

US $39.99

Vehicle Information:
2013 GMC TERRAIN SLE
VIN: 2GKALMEK0D6[redacted]
4 DOOR WAGON/SPORT UTILITY
2.4L L4 DIR DOHC 16V
FLEX FUEL
FRONT WHEEL DRIVE
Standard Equipment | Safety Options

CARFAX Report Provided By:
ESIS GM
300 Renaissance Ctr
Detroit, MI 48243
586-212-2141

- No accident / damage reported to CARFAX
- **2** Previous owners
- **5** Service history records
- Types of owners: Personal lease, Personal
- Last owned in New York
- **52,131** Last reported odometer reading



This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 1/6/17 at 10:20:57 AM (EST). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

Ownership History

The number of owners is estimated

	Owner 1	Owner 2
Year purchased	2013	2016
Type of owner	Personal lease	Personal
Estimated length of ownership	2 yrs. 5 mo.	11 months
Owned in the following states/provinces	New York	New York
Estimated miles driven per year	21,438/yr	---
Last reported odometer reading	52,131	---

Title History

CARFAX guarantees the information in this section

	Owner 1	Owner 2
Salvage | Junk | Rebuilt | Fire | Flood | Hail | Lemon	Guaranteed No Problem	Guaranteed No Problem
Not Actual Mileage | Exceeds Mechanical Limits	Guaranteed No Problem	Guaranteed No Problem

GUARANTEED - None of these major title problems were reported by a state Department of Motor Vehicles (DMV). If you find that any of these title problems were reported by a DMV and not included in this report, CARFAX will buy this vehicle back. **Register** | **View Terms**

Additional History

Not all accidents / issues are reported to CARFAX

	Owner 1	Owner 2

Total Loss No total loss reported to CARFAX.	No Issues Reported	No Issues Reported
Structural Damage No structural damage reported to CARFAX.	No Issues Reported	No Issues Reported
Airbag Deployment No airbag deployment reported to CARFAX.	No Issues Reported	No Issues Reported
Odometer Check No indication of an odometer rol back.	No Issues Indicated	No Issues Indicated
Accident / Damage No accidents or damage reported to CARFAX.	No Issues Reported	No Issues Reported
Manufacturer Recall No open recalls reported to CARFAX. Check for open recalls on GM vehicles at recalls.gm.com.	No Recalls Reported	No Recalls Reported

CARFAX Detailed History

Glossary

Owner 1

Purchased:	2013
Type:	Personal lease
Where:	New York
Est. miles/year:	21,438/yr
Est. length owned:	4/1/13 - 9/18/15 (2 yrs. 5 mo.)

Date:	Mileage:	Source:	Comments:
Original Equipment		OnStar	Vehicle equipped with OnStar Get 3 free months of premium OnStar with Automatic Crash Response, Roadside Assistance and Remote Door Unlock by pressing the blue OnStar button Learn more
09/10/2012		Jim Murphy Pontiac Buick GMC , Inc Depew, NY 716-684-8900 jimmurphycars.com	Vehicle offered for sale
09/13/2012	2	Jim Murphy Pontiac Buick GMC , Inc Depew, NY 716-684-8900 jimmurphycars.com	Pre-delivery inspection completed Safety inspection performed
10/02/2012		Jim Murphy Pontiac Buick GMC , Inc Depew, NY 716-684-8900 jimmurphycars.com	Sensing and diagnostic module reprogrammed
10/17/2012	55	Larry Spacc Pontiac Inc Dunkirk, NY 716-366-2020 larryspacc.com	Vehicle offered for sale
02/04/2013	60	Larry Spacc Pontiac Inc Dunkirk, NY 716-366-2020 larryspacc.com	Vehicle sold
02/05/2013		Jim Murphy Pontiac Buick GMC , Inc Depew, NY 716-684-8900 jimmurphycars.com	Vehicle offered for sale
03/22/2013	148	Jim Murphy Pontiac Buick GMC , Inc	Recommended maintenance performed

		Depew, NY 716-684-8900 jimmurphycars.com	
03/30/2013		Jim Murphy Pontiac Buick GMC , Inc Depew, NY 716-684-8900 jimmurphycars.com	Vehicle sold
04/01/2013	152	Jim Murphy Pontiac Buick GMC , Inc Depew, NY 716-684-8900 jimmurphycars.com	Recommended maintenance performed Safety inspection performed
04/01/2013		New York Inspection Station	Passed safety inspection Emissions inspection performed View what was inspected
04/01/2013		New York Motor Vehicle Dept. Tonawanda, NY	Registration issued or renewed Titled or registered as personal lease vehicle Passed safety inspection
04/22/2013		New York Motor Vehicle Dept. Cockeysville, MD	Title issued or updated First owner reported Titled or registered as personal lease vehicle Loan or lien reported  Two states? Vehicle leasing companies often title a car in one state but register it to be driven in another.
08/01/2013	7,747	Valvoline Instant Oil Change Amherst, NY 716-836-9124 vioc.com	Oil and filter changed Tires rotated
06/29/2014	26,453	New York Inspection Station	Passed safety inspection Passed emissions inspection View what was inspected
04/03/2015		New York Motor Vehicle Dept. Buffalo, NY	Registration issued or renewed Titled or registered as personal lease vehicle Passed safety inspection
07/03/2015	48,433	New York Inspection Station	Failed safety inspection Passed safety inspection Passed emissions inspection View what was inspected
08/24/2015	51,393	Inspection Report	Vehicle inspected in preparation for sale at auction Condition reported as average
09/18/2015		Auto Auction	Vehicle sold at auction  Millions of used vehicles are bought and sold at auction every year.
09/19/2015		Dealer Inventory	Vehicle offered for sale
12/15/2015	51,464	New York Inspection Station	Dealer had vehicle inspected to prepare it for sale

			Passed safety inspection Passed emissions inspection View what was inspected
12/15/2015		New York Motor Vehicle Dept. Binghamton, NY	Registration issued or renewed Titled or registered as personal lease vehicle Passed safety inspection
12/30/2015	52,131	Inspection Co.	Inspection performed

Owner 2

Purchased:	2016
Type:	Personal
Where:	New York
Est. length owned:	1/25/16 - present (11 months)

Date:	Mileage:	Source:	Comments:
01/25/2016		New York Motor Vehicle Dept. Binghamton, NY	Title issued or updated New owner reported Loan or lien reported



Avoid financial headaches. Make sure the loan has been paid off if you're buying from a private seller.

Have Questions? Consumers, please visit our Help Center at www.carfax.com. Dealers or Subscribers, please visit our Help Center at www.carfaxonline.com.

CARFAX Glossary

View Full Glossary

First Owner
When the first owner(s) obtains a title from a Department of Motor Vehicles as proof of ownership.

New Owner Reported
When a vehicle is sold to a new owner, the Title must be transferred to the new owner(s) at a Department of Motor Vehicles.

Ownership History
CARFAX defines an owner as an individual or business that possesses and uses a vehicle. Not all title transactions represent changes in ownership. To provide estimated number of owners, CARFAX proprietary technology analyzes all the events in a vehicle history. Estimated ownership is available for vehicles manufactured after 1991 and titled solely in the US including Puerto Rico. Dealers sometimes opt to take ownership of a vehicle and are required to in the following states: Maine, Massachusetts, New Jersey, Ohio, Oklahoma, Pennsylvania and South Dakota. Please consider this as you review a vehicle's estimated ownership history.

Title Issued
A state issues a title to provide a vehicle owner with proof of ownership. Each title has a unique number. Each title or registration record on a CARFAX report does not necessarily indicate a change in ownership. In Canada, a registration and bill of sale are used as proof of ownership.

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Covered by United States Patent Nos. 7,113,853; 7,778,841; 7,596,512, 8,600,823; 8,595,079; 8,606,648; 7,505,838.
1/6/17 10:20:57 AM (EST)

esis

ESIS/GM Central Claims Unit
P.O. Box 300
Mail Code 482 C19 B61
Detroit, MI 48265-3000

313.665.6464 *tel*
313.221.8244 *fax*

Arlen Smith
Claims Administrator

March 7, 2017

[redacted]

RE: Claimant: [redacted]
Our File No.: [redacted]
Our Client: General Motors LLC
Date/Event: 12/15/2016
Subject vehicle: 2013 GMC Terrain
VIN: 2GKALMEK0D6[redacted]

Dear [redacted]:

We are writing you concerning your product liability claim with General Motors (GM). A representative of our office has attempted to reach you by telephone to discuss settlement of your product liability claim with GM, but has been unsuccessful.

We are in need of specific information, which would enable us to perform our evaluation. Unless we are provided with the requested supporting technical documentation within thirty (30) days from the date of this letter, we will be unable to take further action in this matter and I will have to close our file

Please contact our office via email at arlen.smith@gm.com or phone at (313) 665-6464, Monday through Friday, 7:00 AM to 3:30 PM, EST, so that we may discuss your claim.

Please be advised that you have an obligation and responsibility to ensure that the subject vehicle and its related components are maintained and preserved in their immediate post-incident condition for as long as you intend to pursue a claim and/or cause of action.

Should you have any questions, please do not hesitate to contact me at 313.665.6464.

Thank you for your cooperation in this matter.

Sincerely,

[redacted]

Arlen Smith
Claims Administrator

GM GlobalWarranty

Logout

January 6, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Summary

INTERFACE WITH CUSTOMER

View Vehicle Summary

This screen allows IVH users to view the Summary of Vehicle Information, Field Actions, Service Information, Applicable Warranties, Transaction History, Service Contract(s) if applicable, Warranty Block, Branded Title information and OnStar and XM Radio information (if applicable).

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GKALMEK0D6[redacted] Model: TLF26-2013 TERRAIN SLE FWD

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

REQUEST ANOTHER VIN

Required Field Actions

Open Field Action Details are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	[redacted]	25302	Windshield Wipers	08/16/2016	Incomplete, Remedy not available
Customer Satisfaction Program	[redacted]	12187	AUTOMATIC CRASH RESPONSE SYSTEM - REPROGRAM SDM	09/10/2012	Closed

Branded Title

*The VIN information contained herein and information derived therefrom is the proprietary property of The Polk Company and is to be used only for the purpose of warranty verification and shall not be used for any other purpose whatsoever.

Vehicle has no current record of branded titles.

Warranty Block

Vehicle has no current record of warranty block.

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

Refer to Help page for details. For OnStar contact 888.ON.STAR1 (888.667.8271) and for XM Radio contact 877.GET.XMST (877.438.9677 Canada) and in the USA:800-556-3600.

OnStar Equipped: Y OnStar Status: Inactive

XM Equipped: Y XM Radio ID: EZ8VQ2RZ XM Status: Active

OnStar Vehicle Diagnostics: N DMN Enabled: N

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	Special Coverage 14232	11/21/2014	03/30/2013	154 MI	03/30/2023	150,154 MI

Powertrain Limited Warranty	11/21/2014	03/30/2013	154 MI	03/30/2018	100,154 MI
Emission Select State Component Ltd Wty	11/21/2014	03/30/2013	154 MI	03/30/2028	150,154 MI
Bumper to Bumper Limited Warranty	11/21/2014	03/30/2013	154 MI	03/30/2016	36,154 MI
Corrosion Limited Warranty	11/21/2014	03/30/2013	154 MI	03/30/2019	100,154 MI
PZEV Emission Limited Warranty	11/21/2014	03/30/2013	154 MI	03/30/2028	150,154 MI
Emission Limited Warranty	11/21/2014	03/30/2013	154 MI	03/30/2028	150,154 MI

Service Contract

Vehicle has no current record of service contracts.

Transaction History

View Details

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
12/17/2016	[redacted]	ZREG----Regular Vehicle Transaction		0600642 - Roadside - Over Mileage	61,000 MI
12/17/2016	[redacted]	ZREG----Regular Vehicle Transaction		0600022 - ROADSIDE SERVICE (TOWING)	61,000 MI
10/01/2012	[redacted]	ZFAT----Field Action Recall		V2646 - 12187 - Reprogram SDM	3 MI
09/10/2012	[redacted]	ZPDI----Pre-Delivery Inspection		Z6999 - PDI Related Fluid Adds	2 MI
09/08/2012	[redacted]	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

Global Warranty Management: Site Map

Privacy Policy | Terms of Use

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GlobalWarranty

Logout

January 6, 2017

INTERFACE WITH CUSTOMER

View Vehicle Build

This screen allows IVH users to view the initial build information on the selected VIN including option codes with descriptions (where available).

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GKALMEK0D6[redacted]
Model: TLF26-2013 TERRAIN SLE FWD
Service Contract: No
Branded Title: No
Warranty Block: No
PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Vehicle Build

Model: TLF26-2013 TERRAIN SLE FWD
Gross Vehicle Weight: 2,252

Order Number: [redacted]
Build Date: 09/06/2012
Build Plant: 6

Option Codes

*IVH is not the definitive source of GM Vehicle RPO information and is intended for service reference only. Should there be any questions about the vehicle's original build or RPO information please refer to the original vehicle invoice or window sticker.

01A - TRIM COLOR SEAT	1AB - TRIM COLOR DOOR PANEL
1SZ - PACKAGE SAVINGS	3SA - 3SA TRIM
4AA - INTERIOR TRIM	AFA - JET BLACK
AKO - GLASS, DEEP TINTED (EXCEPT WIBDSHIELD, DRIVER/PASS SIDE GLASS)	AL0 - AIRBAG SENSING SYSTEM, PASSENGER
AR9 - SEAT, FRONT BUCKET	AT8 - RESTRAINT PROVISION CHILD RR SEAT
ATG - REMOTE KEYLESS ENTRY	AXP - VEHICLE TYPE MULTI-PURPOSE PASSENGER VEHICLE
AY0 - * AIRBAGS, DUAL FRONTAL, SIDE IMPACT, DRIVER AND PASSENGER FRONT PASSENGER, HEAD CURTAIN /SIDE AIRBAGS W/ROLLOVER PROTECTION, ALL ROWS	B1A - INGERSOL ONTARIO CANADA
B37 - FLOOR MATS FRONT & REAR	C67 - AIR CONDITIONING
DCP - ONSTAR PROCESSING DIRECTIONS & CONNECTIONS	DD8 - INSIDE REARVIEW MIRROR, AUTO DIMMING
DL8 - POWER HEATED OUTSIDE MIRRORS, DRIVER SIDE	EBC - TRIM SEAT CLOTH
EF7 - UNITED STATES OF AMERICA	F82 - AXLE, 3.23 FINAL DRIVE
FBF - TRIM DOOR VINYL	FE1 - SUSPENSION SYSTEM
FHO - VEHICLE FUEL GASOLINE E10	GAN - QUICKSILVER METALLIC
GZL - GVWR, 4960 LBS	I13 - ENGINEERING MODEL YEAR
JL9 - ANTI LOCK BRAKE SYSTEM	K09 - ALTERNATOR, 120 AMPS
K34 - CRUISE CONTROL	LEA - ENGINE, 2.4L DOHC 4 CYL WITH VVT
MAH - MARKETING AREA US	MH7 - FRONT WHEEL DRIVE, 6 SPEED TRANSMISSION
MX0 - TRANSMISSION, 6 SPD AUTOMATIC	N37 - STEERING COLUMN, TILT AND TELESCOPIC
NE1 - 50-STATE EMISSIONS	NK5 - STEERING WHEEL WITH REDUNDANT CRUISE/AUDIO CONTROLS
NU6 - EMISSION SYSTEM	QCS - SPARE WHEEL & TIRE
QMU - TIRES, ALL SEASON BLACKWALL	R9N - PROCESS OPTION

[redacted] 2

ROO - BARS PROCESSING OPTION	RSB - 17" PAINTED ALUMINUM WHEELS ALUMINUM
S1G - SPARE WHEEL & TIRE	SLM - STOCK ORDERS
T96 - FOG LAMPS, FRONT	TB4 - REAR LIFTGATE, MANUAL
U2K - XM RADIO + SERVICE SUBSCRIPTION SOLD SEPARATELY BY SIRIUSXM AFTER 3 MTHS	U80 - COMPASS DISPLAY
UE1 - 6 MTHS ONSTAR DIRECTIONS AND CONNECTIONS WITH AUTOMATIC CRASH RESPONSE & TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)	UFU - RADIO, AM/FM CD PLAYER 7" COLOR SCREEN DISPLAY
UJM - TIRE PRESSURE MONITOR	UK3 - STEERING WHEEL CONTROLS
UPF - BLUETOOTH FOR PHONE	UVC - REAR VISION CAMERA SYSTEM
UW6 - AUDIO SYSTEM, 6 SPEAKER PREMIUM SOUND	V8D - VEHICLE STATEMENT US
VK3 - FRONT LICENSE PLATE BRACKET	VQN - NOISE CONTROL ACTIVE INTERIOR
VT7 - OWNERS MANUAL ENGLISH	VZ3 - LABEL, MERCURY DISPOSAL
VZD - MODEL YEAR IDENTIFIER	YB6 - BASE FR. AXLE-FOR SCH GVW PLAT
YD5 - FRONT SPRING - BASE EQUIPMENT	YD6 - REAR SPRING - BASE EQUIPMENT

Added Option Codes

~DA -

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GlobalWarranty

Logout

January 6, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Component Summary

INTERFACE WITH CUSTOMER

View Vehicle Component Summary

This screen allows IVH users to view the information on various major components added to the VIN selected during vehicle build.

For this vehicle:

- → View Vehicle Summary
  - → Service Contract
  - → Branded Title
  - → Warranty Block
- → View Vehicle Build
- → View Vehicle Component Summary
- → View Vehicle Transaction History Detail
- → View Vehicle Delivery Information

Vehicle Information

VIN: 2GKALMEK0D6[redacted]

Model: TLF26-2013 TERRAIN SLE FWD

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

REQUEST ANOTHER VIN

Vehicle Component

Vehicle has no current record of vehicle component.

Service Agent Installed Component

Vehicle has no current record of vehicle component.

Global Warranty Management: Site Map

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[redacted]

GlobalWarranty

Logout

January 6, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Transaction History Detail

INTERFACE WITH CUSTOMER

View Vehicle Transaction History Detail

This screen allows IVH users to view the available information on individual transaction for the VIN selected.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GKALMEK0D6[redacted] Model: TLF26-2013 TERRAIN SLE FWD
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Job Card Date: 12/17/2016 **Job Card Number:** [redacted]

Repair Service Agent: 257[redacted] Odometer Reading: 61,000 MI
ALLSTATE - SIGNATURE MOTOR CLUB, IN Authorization Code: AM
200 N MARTINGALE RD
SCHAUMBURG IL 60173-2033

Process Date:
12/19/2016
Transaction Type:
ZREG----Regular Vehicle Transaction
Transaction Expense Category:
Warranty
Customer Complaint Code:
0090-No Customer Complaint - Other issues
Job Card Line #: 2 Transaction Adjustment: Cause Code: 9094-Other - Follow operation

Labour Op 0600642-Roadside - Over Mileage
Causal Part Number
→See other Parts and/or Net Items

Job Card Date: 12/17/2016 **Job Card Number:** [redacted]

Repair Service Agent: 257[redacted] Odometer Reading: 61,000 MI
ALLSTATE - SIGNATURE MOTOR CLUB, IN Authorization Code: AM
200 N MARTINGALE RD
SCHAUMBURG IL 60173-2033

Process Date:
12/19/2016
Transaction Type:
ZREG----Regular Vehicle Transaction
Transaction Expense Category:
Warranty
Customer Complaint Code:
0090-No Customer Complaint - Other issues
Job Card Line #: 1 Transaction Adjustment: Cause Code: 9094-Other - Follow operation

Labour Op 0600022-ROADSIDE SERVICE (TOWING)
Causal Part Number
→See other Parts and/or Net Items

Job Card Date: 10/01/2012 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted]
JIM MURPHY BUICK GMC, INC.
3000 WALDEN AVE
DEPEW NY 14043-2608
7166848900

Odometer Reading: 3 MI
Authorization Code:

Process Date:
10/02/2012

Transaction Type:
ZFAT----Field Action Recall

Transaction Expense Category:
Field Action Recall

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op V2646-12187 - Reprogram SDM

Causal Part Number

Job Card Date: 09/10/2012 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted]
JIM MURPHY BUICK GMC, INC.
3000 WALDEN AVE
DEPEW NY 14043-2608
7166848900

Odometer Reading: 2 MI
Authorization Code:

Process Date:
09/17/2012

Transaction Type:
ZPDI----Pre-Delivery Inspection

Transaction Expense Category:
Pre-Delivery Inspection

Customer Complaint Code:
-

Job Card Line #: 2 Transaction Adjustment: Cause Code: -

Labour Op Z6999-PDI Related Fluid Adds

Causal Part Number

→See other Parts and/or Net Items

Job Card Date: 09/08/2012 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted]
JIM MURPHY BUICK GMC, INC.
3000 WALDEN AVE
DEPEW NY 14043-2608
7166848900

Odometer Reading: 1 MI
Authorization Code:

Process Date:
09/08/2012

Transaction Type:
ZPDI----Pre-Delivery Inspection

Transaction Expense Category:
Pre-Delivery Inspection

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op Z7000-Pre-Delivery Inspection - Base Time

Causal Part Number

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Global Warranty

Logout

January 6, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Delivery Information

INTERFACE WITH CUSTOMER

View Vehicle Delivery Information

This screen allows IVH users to view the available information for the selected VIN delivered to the Service Agent and the ultimate customer. Not all sections will be populated for all VINs.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GKALMEK0D6[redacted] Model: TLF26-2013 TERRAIN SLE FWD
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Invoice Information

Invoicing Service Agent: 115[redacted]
JIM MURPHY BUICK GMC, INC.
3000 WALDEN AVE
DEPEW NY 14043-2608 7166848900

Invoice Date: 09/06/2012

Ship to Information

Ship to Service Agent: 115[redacted]
JIM MURPHY BUICK GMC, INC.
3000 WALDEN AVE
DEPEW NY 14043-2608 7166848900

Ship to Date: N/A

Delivery Information

Delivery Service Agent: 115[redacted]
JIM MURPHY BUICK GMC, INC.
3000 WALDEN AVE
DEPEW NY 14043-2608 7166848900

Delivery Date: 03/30/2013
Delivery Type: 037---RETAIL LEASE* - SUPPLIER
Delivery Odometer: 154

In Service Information

Invoicing Service Agent:

In Service Date: N/A
In Service Type: 0000
In Service Odometer: 0

Registration Information

Registration Service Agent: N/A

Registration Date: N/A
Registration Number: N/A
Registration Odometer: 0

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[redacted] 1/1

report this ad

Binghamton, NY

Binghamton Regional-Link

10:49 AM EST on January 06, 2017 [GMT -0500]

Weather History for KBGM - December, 2016

December

15

2016

View
Thursday, December 15, 2016

Daily | Weekly | Monthly | Custom

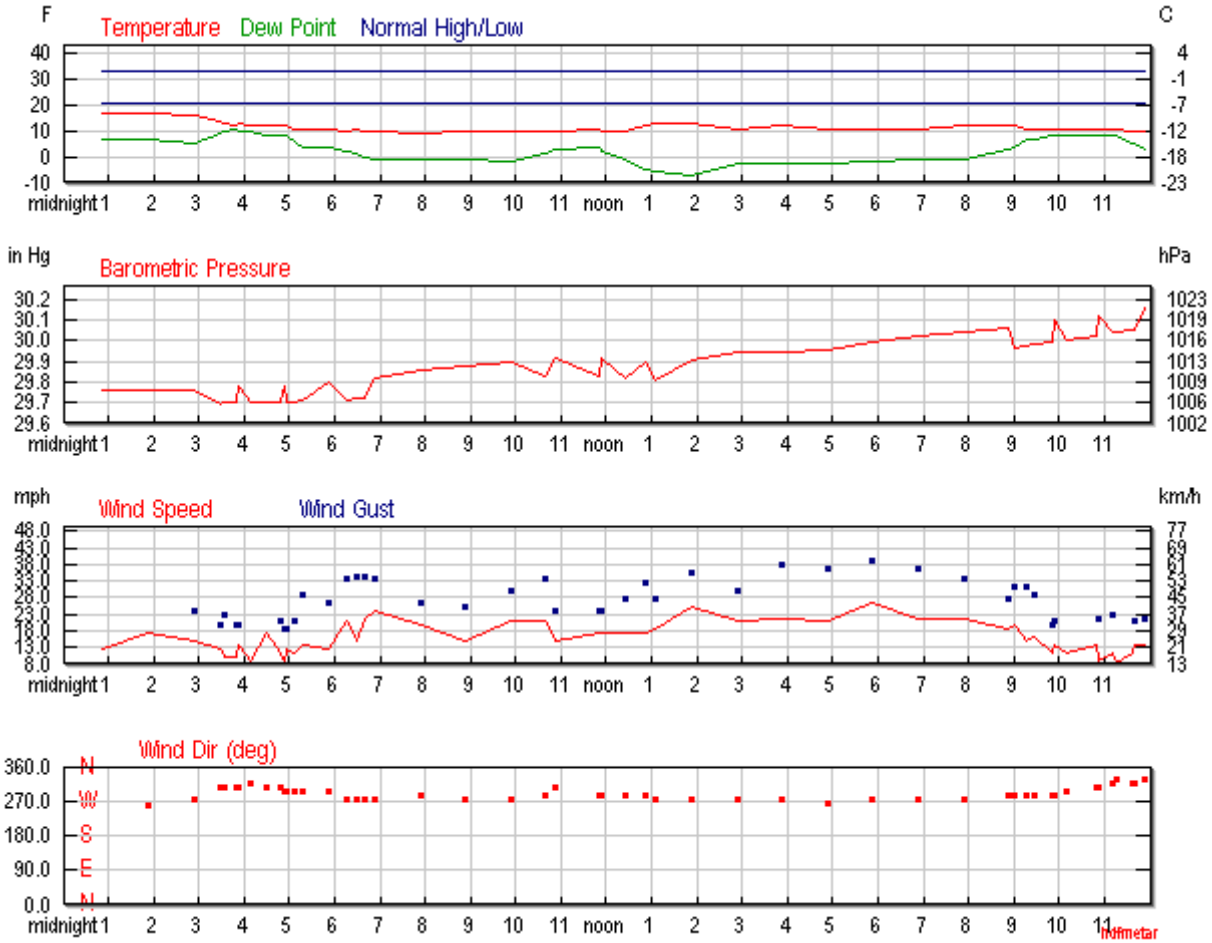
	Actual	Average	Record
Temperature			
Mean Temperature	**14** °F	**27** °F	
Max Temperature	**18** °F	**33** °F	**56** °F [1971]
Min Temperature	**9** °F	**21** °F	**1** °F [1962]
Degree Days			
Heating Degree Days	51	38	
Month to date heating degree days	557	529	
Since 1 July heating degree days	1906	2104	
Cooling Degree Days	0	0	
Month to date cooling degree days	0	0	
Year to date cooling degree days	563	381	
Moisture			
Dew Point	**3** °F		
Average Humidity	67		
Maximum Humidity	92		
Minimum Humidity	42		

	Actual	Average	Record
Precipitation			
Precipitation	**0.08** in	**0.09** in	**0.89** in (1972)
Month to date precipitation	2.01	1.49	
Year to date precipitation	34.53	37.96	
Snow			
Snow	**1.40** in	**0.60** in	**6.30** in (1989)
Month to date snowfall	20.6	7.8	
Since 1 July snowfall	49.2	14.6	
Snow Depth	**8.00** in		
Sea Level Pressure			
Sea Level Pressure	**29.88** in		
Wind			
Wind Speed	**18** mph (WNW)		
Max Wind Speed	**35** mph		
Max Gust Speed	**43** mph		
Visibility	**5** miles		
Events	Fog , Snow		

T = Trace of Precipitation, MM = Missing Value

Source: NWS Daily Summary

Daily Weather History Graph



report this ad | why ads?

Search for Another Location

Airport or City:

KBGM

Submit

Trip Planner

Search our weather history database for the weather conditions in past years. The results will help you decide how hot, cold, wet, or windy it might be!

Date:

December

15

Submit

report this ad | why ads?

Astronomy

Dec. 15, 2016	Rise	Set
Actual Time	7:25 AM EST	4:32 PM EST
Civil Twilight	6:54 AM EST	5:04 PM EST
Nautical Twilight	6:18 AM EST	5:39 PM EST
Astronomical Twilight	5:44 AM EST	6:14 PM EST
Moon	6:46 PM EST (12/15)	8:42 AM EST (12/15)
Length of Visible Light	10h 10m	
Length of Day	9h 06m	

Waning Gibbous, 96% of the Moon is Illuminated

Dec 15	Dec 20	Dec 29	Jan 5	Jan 12
Waning Gibbous	Last Quarter	New	First Quarter	Full

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Hourly Weather History & Observations

Time (EST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events
12:53 AM	**17.1** °F	**3.6** °F	**7.0** °F	65%	**29.76** in	**10.0** mi	WSW	**12.7** mph	-	N/A	
1:53 AM	**17.1** °F	**1.5** °F	**7.0** °F	65%	**29.76** in	**10.0** mi	West	**17.3** mph	**24.2** mph	N/A	
2:53 AM	**16.0** °F	**1.1** °F	**5.0** °F	62%	**29.76** in	**10.0** mi	West	**15.0** mph	**24.2** mph	N/A	
3:29 AM	**14.0** °F	**-0.2** °F	**9.0** °F	80%	**29.69** in	**1.8** mi	NW	**12.7** mph	**19.6** mph	**0.00** in	Snow
3:34 AM	**12.9** °F	**-0.2** °F	**10.0** °F	88%	**29.70** in	**0.8** mi	NW	**10.4** mph	**23.0** mph	**0.00** in	Snow
3:51 AM	**12.2** °F	**-1.0** °F	**10.4** °F	92%	**29.70** in	**0.5** mi	NW	**10.4** mph	**19.6** mph	**0.00** in	Fog , Snow
3:53 AM	**12.9** °F	**-2.2** °F	**10.0** °F	88%	**29.78** in	**0.5** mi	NW	**13.8** mph	**19.6** mph	**0.00** in	Fog , Snow
4:08 AM	**12.0** °F	**-0.4** °F	**10.0** °F	92%	**29.70** in	**0.5** mi	NW	**9.2** mph	-	**0.01** in	Fog , Snow
4:30 AM	**12.0** °F	**-5.1** °F	**8.1** °F	84%	**29.70** in	**1.0** mi	NW	**17.3** mph	**25.3** mph	**0.02** in	Snow

Time (EST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events
4:49 AM	**12.2** °F	**-1.8** °F	**8.6** °F	85%	**29.70** in	**1.5** mi	NW	**11.5** mph	**20.7** mph	**0.02** in	Snow
4:53 AM	**12.0** °F	**0.5** °F	**8.1** °F	84%	**29.78** in	**2.5** mi	WNW	**8.1** mph	**18.4** mph	**0.02** in	Snow
4:56 AM	**12.0** °F	**-2.7** °F	**8.1** °F	84%	**29.70** in	**3.0** mi	WNW	**12.7** mph	**18.4** mph	**0.00** in	Snow
5:08 AM	**10.9** °F	**-3.4** °F	**6.1** °F	81%	**29.70** in	**2.0** mi	WNW	**11.5** mph	**20.7** mph	**0.00** in	Snow
5:17 AM	**10.9** °F	**-4.7** °F	**3.9** °F	73%	**29.71** in	**6.0** mi	WNW	**13.8** mph	**28.8** mph	**0.00** in	Snow
5:53 AM	**10.9** °F	**-4.1** °F	**3.9** °F	73%	**29.80** in	**4.0** mi	WNW	**12.7** mph	**26.5** mph	**0.00** in	
6:15 AM	**10.0** °F	**-9.1** °F	**1.9** °F	70%	**29.71** in	**1.8** mi	West	**20.7** mph	**33.4** mph	**0.00** in	
6:28 AM	**10.9** °F	**-5.4** °F	**1.0** °F	64%	**29.72** in	**2.0** mi	West	**15.0** mph	**34.5** mph	**0.00** in	Snow
6:41 AM	**10.0** °F	**-9.5** °F	**-0.0** °F	64%	**29.72** in	**10.0** mi	West	**21.9** mph	**34.5** mph	**0.00** in	
6:53 AM	**10.0** °F	**-10.4** °F	**-0.9** °F	61%	**29.82** in	**10.0** mi	West	**24.2** mph	**33.4** mph	**0.00** in	
7:53 AM	**9.0** °F	**-10.0** °F	**-0.9** °F	64%	**29.86** in	**5.0** mi	WNW	**19.6** mph	**26.5** mph	**0.00** in	
8:53 AM	**10.0** °F	**-6.5** °F	**-0.9** °F	61%	**29.88** in	**10.0** mi	West	**15.0** mph	**25.3** mph	N/A	
9:53 AM	**10.0** °F	**-9.1** °F	**-2.0** °F	58%	**29.90** in	**9.0** mi	West	**20.7** mph	**29.9** mph	N/A	
10:40 AM	**10.0** °F	**-9.1** °F	**1.0** °F	67%	**29.83** in	**1.8** mi	WNW	**20.7** mph	**33.4** mph	**0.00** in	Snow
10:53 AM	**10.0** °F	**-6.5** °F	**3.0** °F	73%	**29.92** in	**1.0** mi	NW	**15.0** mph	**24.2** mph	**0.00** in	Snow
11:51 AM	**10.4** °F	**-7.2** °F	**3.2** °F	73%	**29.83** in	**3.0** mi	WNW	**17.3** mph	**24.2** mph	**0.00** in	Snow
11:53 AM	**10.0** °F	**-7.6** °F	**1.9** °F	70%	**29.92** in	**4.0** mi	WNW	**17.3** mph	**24.2** mph	**0.00** in	Snow
12:26 PM	**10.0** °F	**-7.6** °F	**-0.9** °F	61%	**29.82** in	**8.0** mi	WNW	**17.3** mph	**27.6** mph	**0.00** in	
12:53 PM	**12.0** °F	**-5.1** °F	**-5.1** °F	46%	**29.90** in	**9.0** mi	WNW	**17.3** mph	**32.2** mph	**0.00** in	
1:06 PM	**12.9** °F	**-4.4** °F	**-6.0** °F	43%	**29.81** in	**9.0** mi	West	**18.4** mph	**27.6** mph	N/A	

Time (EST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events
1:53 PM	**12.9** °F	**-6.9** °F	**-7.1** °F	41%	**29.91** in	**5.0** mi	West	**25.3** mph	**35.7** mph	N/A	
2:53 PM	**10.9** °F	**-7.9** °F	**-2.9** °F	54%	**29.94** in	**10.0** mi	West	**20.7** mph	**29.9** mph	N/A	
3:53 PM	**12.0** °F	**-6.9** °F	**-2.9** °F	51%	**29.94** in	**10.0** mi	West	**21.9** mph	**38.0** mph	**0.00** in	
4:53 PM	**10.9** °F	**-7.9** °F	**-2.9** °F	54%	**29.95** in	**10.0** mi	West	**20.7** mph	**36.8** mph	N/A	
5:53 PM	**10.9** °F	**-9.9** °F	**-2.0** °F	56%	**29.99** in	**9.0** mi	West	**26.5** mph	**39.1** mph	N/A	
6:53 PM	**10.9** °F	**-8.3** °F	**-0.9** °F	59%	**30.02** in	**10.0** mi	West	**21.9** mph	**36.8** mph	**0.00** in	
7:53 PM	**12.0** °F	**-6.9** °F	**-0.9** °F	56%	**30.04** in	**10.0** mi	West	**21.9** mph	**33.4** mph	N/A	
8:53 PM	**12.0** °F	**-5.6** °F	**3.0** °F	67%	**30.06** in	**3.0** mi	WNW	**18.4** mph	**27.6** mph	**0.00** in	Snow
9:00 PM	**12.0** °F	**-6.0** °F	**3.9** °F	70%	**29.96** in	**1.8** mi	WNW	**19.6** mph	**31.1** mph	**0.00** in	Snow
9:16 PM	**10.9** °F	**-5.4** °F	**7.0** °F	84%	**29.97** in	**0.8** mi	WNW	**15.0** mph	**31.1** mph	**0.00** in	Snow
9:28 PM	**10.9** °F	**-5.9** °F	**7.0** °F	84%	**29.98** in	**0.5** mi	WNW	**16.1** mph	**28.8** mph	**0.00** in	Fog , Snow
9:50 PM	**10.4** °F	**-4.1** °F	**8.6** °F	92%	**29.99** in	**0.5** mi	WNW	**11.5** mph	**19.6** mph	**0.00** in	Fog , Snow
9:53 PM	**10.9** °F	**-4.7** °F	**8.1** °F	88%	**30.10** in	**0.2** mi	WNW	**13.8** mph	**20.7** mph	**0.00** in	Fog , Snow
10:11 PM	**10.9** °F	**-3.4** °F	**8.1** °F	88%	**30.00** in	**0.5** mi	WNW	**11.5** mph	-	**0.02** in	Fog , Snow
10:50 PM	**10.4** °F	**-5.4** °F	**8.6** °F	92%	**30.02** in	**0.8** mi	NW	**13.8** mph	**21.9** mph	**0.04** in	Snow
10:53 PM	**10.9** °F	**-1.8** °F	**8.1** °F	88%	**30.12** in	**0.8** mi	NW	**9.2** mph	**21.9** mph	**0.04** in	Snow
11:10 PM	**10.9** °F	**-3.4** °F	**8.1** °F	88%	**30.04** in	**0.2** mi	NW	**11.5** mph	**23.0** mph	**0.01** in	Fog , Snow
11:17 PM	**10.9** °F	**-0.8** °F	**8.1** °F	88%	**30.04** in	**0.5** mi	NNW	**8.1** mph	-	**0.02** in	Fog , Snow
11:37 PM	**10.0** °F	**-4.5** °F	**5.0** °F	80%	**30.05** in	**1.5** mi	NW	**11.5** mph	**23.0** mph	**0.02** in	Snow
11:41 PM	**10.0** °F	**-5.9** °F	**5.0** °F	80%	**30.05** in	**3.0** mi	NW	**13.8** mph	**20.7** mph	**0.02** in	Snow

Time (EST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events
11:53 PM	**10.0** °F	**-5.9** °F	**3.0** °F	73%	**30.16** in	**5.0** mi	NNW	**13.8** mph	**21.9** mph	**0.02** in	Snow

report this ad

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

[redacted]

Service Request Activities – UCC PAR

Service Request Detail

SR No.	[redacted]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CCC - CAC Tier 1
Address				Approval	Not Initiated	Area	Complaint Vehicle - Veh Down
City		Zip	State	UCC	Electrical - Power Windshield Wiper - Motor / Blades / Arms	Sub-Area	Initial Failure/Repair
Last Name	[redacted]	First Name	[redacted]	Involved Dlr		Safety	
Daytime #	[redacted]	Evening #	[redacted]	Source	Phone	Updated	01/09/2017 14:38:15
Serial/VIN #	2GNALBEK9[redacted]	Mileage	140000	Priority	Medium License # CHEVROL ET	Owner	GZVKND
Model	Equinox	Model Year	2013	Status	Open	Opened	Jan 9, 2017 1:57 PM
Make	Chevrolet	Warranty Start	03/10/2013 00:00:00	Sub Status		Closed	
Cust Concern	Accident and alleges the recall						
Customer Description							

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Service Request Activities – UCC PAR

Incident Loc	Incident Desc
Component	Damage Desc
Vehicle Loc	Add'l Info
Emergency Svc Names	Maint Loc

PAR Detail

Collision	Non Collision	Property Damage	Thermal Event	Spec Equip	
Vehicle Speed		Weather Condition		Prop Owner	Property Type
Last Service Date		Loc Last Service		Property Location	Prop Est Repair Cost
Veh Est Repair Cost		Spec Equip Installer		Prop Damage Description	

Service Request Activities – UCC PAR

Primary Veh Use		Inspection Type		Inspected By	Inspection Date/Time
Veh Damage Description				Explain Other	

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 10, 2017 9:41 AM	JZ850Z	ESISBIQU	Escalation	ESIS - CAC Injury	In Progress		ESIS Escalation

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Best time to call customer? Anytime
- Did anyone seek professional medical attention? Ms. [redacted] and her daughter Via Lacour
- Is the vehicle in the owner's possession and where is it currently located? The vehicle is at her daughter's house
- Has the vehicle been repaired?: No
- Was insurance claim filed?: No
- Description of damage to property, other than vehicle (i.e: mailbox, garage door, etc.): Middle divider of the freeway
- Description of the situation and the customer's allegation (what happened, vehicle parts or actions involved, customers statement): She said that she cant see clearly, because of the windshield wiper recall. She is blaming the recall that is why she got into the accident.
- Accident Location (Include: City, State & Street/Intersection): 210 West bound before the baseline exit
- Date of the incident: 12/21/2016
- Involved dealer (if applicable): None
- Current Mileage: 140,000
- Year, Make, Model: 2013 Chevrolet Equinox
- VIN: 2GNALBEK9D[redacted]
- Email address: [redacted]
- Phone numbers: [redacted]
- Mailing address: [redacted]
- Include the Date the interaction took place: 1/9/2017

Service Request Activities – UCC PAR

Em/CAC T1-Redesign/Man
866-790-5700

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 9, 2017 2:00 PM	GZVKND	JZ850Z	Manager Review	Case Review	Done	01/10/2017 09:42:09	For approval

Last Name	First Name	Account	BAC Code
[redacted]			

Comments
Approved for ESIS:

No duplicate SR
Medical attention and property damage

Fifi/CAC/SME/t1/Manila

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 9, 2017 1:59 PM	GZVKND	GZVKND	Inbound Call Customer	Complex Request	Done	01/10/2017 10:40:54	Alleges that the recall caused the accident

Last Name	First Name	Account	BAC Code
[redacted]			

Comments
New/Used: new
Reason:
The customer is inquiring about the recall for the windshield wiper and she got into accident in December 21st 2016. The customer said that she did receive any recall notices for the wipers. The vehicle is already totaled and she and her daughter was hurt and she got black eye, treatment and trauma, her daughter has contusions in the fingers and her 2 front teeth was chipped. The airbags deployed and it wasn't taken to the dealership. It is something in the road the middle divider in the freeway. Her daughter Via LaCour. The customer went to the hospital for medical attention. The vehicle is at her daughter's house. She wanted to get compensated about the incident.
Expectation:
Endorse case to ESIS and she was advised to wait for a call for 3 business days.

Service Request Activities – UCC PAR

Em/CAC T1-Redesign/Man
866-790-5700

Confidential Comments

UCC Information

UCC Code	Description	Symptom
N51	Electrical - Power Windshield Wiper - Motor / Blades / Arms	No Symptom Indicated

End of Report

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are access ble using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	2GNALBEK9D6[redacted]
User	[redacted]
Case Number	[redacted]
EDR Data Imaging Date	02/08/2017
Crash Date	12/21/2016
Filename	2GNALBEK9D6[redacted] ACM.CDRX
Saved on	Wednesday, February 8 2017 at 13:35:11
Imaged with CDR version	Crash Data Retrieval Tool 17.1
Imaged with Software Licensed to (Company Name)	ESIS GM - CA
Reported with CDR version	Crash Data Retrieval Tool 17.1
Reported with Software Licensed to (Company Name)	ESIS GM - CA
EDR Device Type	Airbag Control Module
Event(s) recovered	Deployment

Comments

loc copart 1203 rancho ave. colton ca
mileage 140881
lamp on continuously
powered by vehicles own power
data collected from dlc

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

-Pretensioner(s) only Deployment
-Head Rest Deployment
-Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.
Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events. The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment and Non-Deployment Events, the SDM will record up to 300 milliseconds of data after time zero. The SDM will also record up to 300 milliseconds of Vehicle Acceleration data after time zero.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.
-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.

-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
    -Significant changes in the tire's rolling radius
    -Final drive axle ratio changes
    -Wheel lockup and wheel slip
-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
    -The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
    -No data is received from the module sending the pre-crash data
-For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment cal bration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
-The GM parameter name is displayed in parentheses after the NHTSA Part 563 parameter name.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:
All SDM recorded data is measured, calculated, and stored internally, except for the following:
-Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01042_SDM10P-autoliv_r017

System Status at Time of Retrieval

Dynamic Deployment Event Counter	1
Multi-Event, Number of Events (Dynamic Event Counter)	1
Dynamic OnStar Notification Event Counter	1
Vehicle Identification Number (VIN)	2GNALBEK9D6[redacted]
Ignition Cycle, Download (Ignition Cycles at Investigation)	11618
End Model Part Number	00CF5B81
System Type	Autoliv
Software Module Identifier 1	00CF5B82
Software Module Identifier 2	015DEDEB
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	9377
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050647282
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	017631103
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	01755897D
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	01773948A
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	0177151E0
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	017578443
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	01758E79C
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	00
ESS # 8 Traceability Data, Part Number/Broadcast Code	0000
ESS # 8 Traceability Data, Supplier Code	E
ESS # 8 Traceability Data, Traceability Number	000000000

System Status at Event (Event Record 1)

Event Record Type	Deployment
OnStar Deployment Status Data Sent	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	Yes
OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes
Deployment Event Counter	1
Multi-Event, Number of Events (Event Counter)	1
OnStar Notification Event Counter	1
Time From Event 1 to 2 (Time Between Events) (seconds)	Data Not Available
Ignition Cycle, Crash (Ignition Cycles at Event)	11601
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
Concurrent Event Flag Set	No
Event Severity Status: Frontal Pretensioner	Yes
Event Severity Status: Frontal Stage 1	Yes
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Left Side	No
Event Severity Status: Right Side	No
Event Severity Status: Rear	No
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled
Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Not Buckled
Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available
Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Empty
Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Not Applicable)
Passenger Air Bag ON Indicator Status	Off
Passenger Air Bag OFF Indicator Status	On
Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	Off
Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	11232
Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253
Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-14 [-22]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	158
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	1 [1]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	96

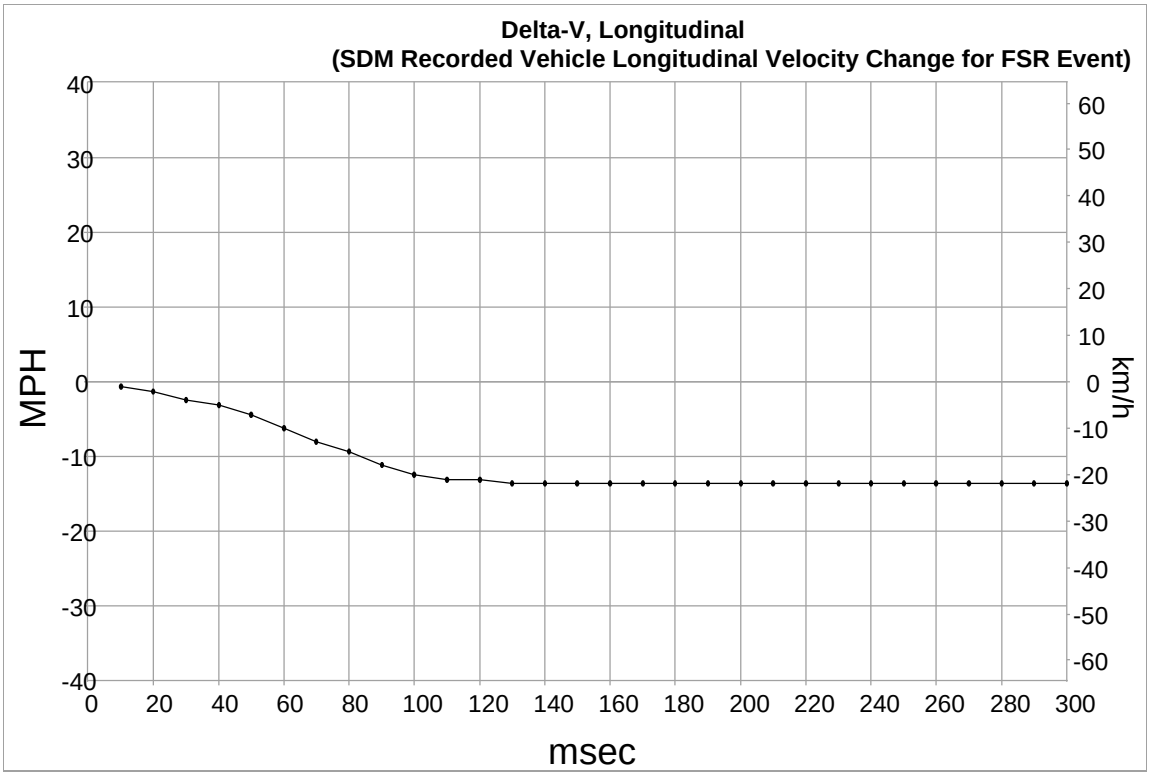
DTCs Present at Time of Event (Event Record 1)

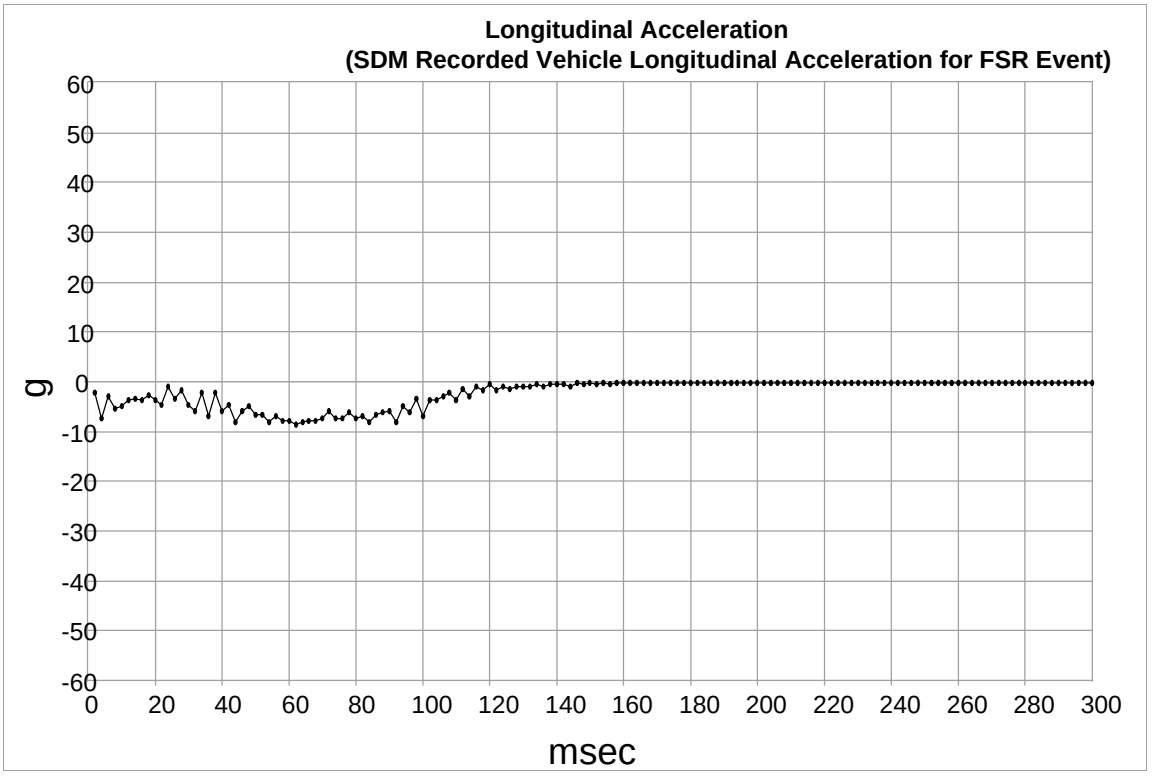
B0052-00

Event Data (Event Record 1)

Driver 1st Stage Deployment Loop Commanded	Yes
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	Yes
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	Yes
Passenger Pretensioner Deployment Loop #1 Commanded	Yes
Driver Pretensioner Deployment Loop #2 Commanded	Yes
Passenger Pretensioner Deployment Loop #2 Commanded	Yes
Driver Thorax Loop Commanded	No
Passenger Thorax Loop Commanded	No
Left Row 1 Roof Rail/Head Curtain Loop Commanded	No
Right Row 1 Roof Rail/Head Curtain Loop Commanded	No
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	28
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	128
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	22
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	22

Longitudinal Crash Pulse (Event Record 1)





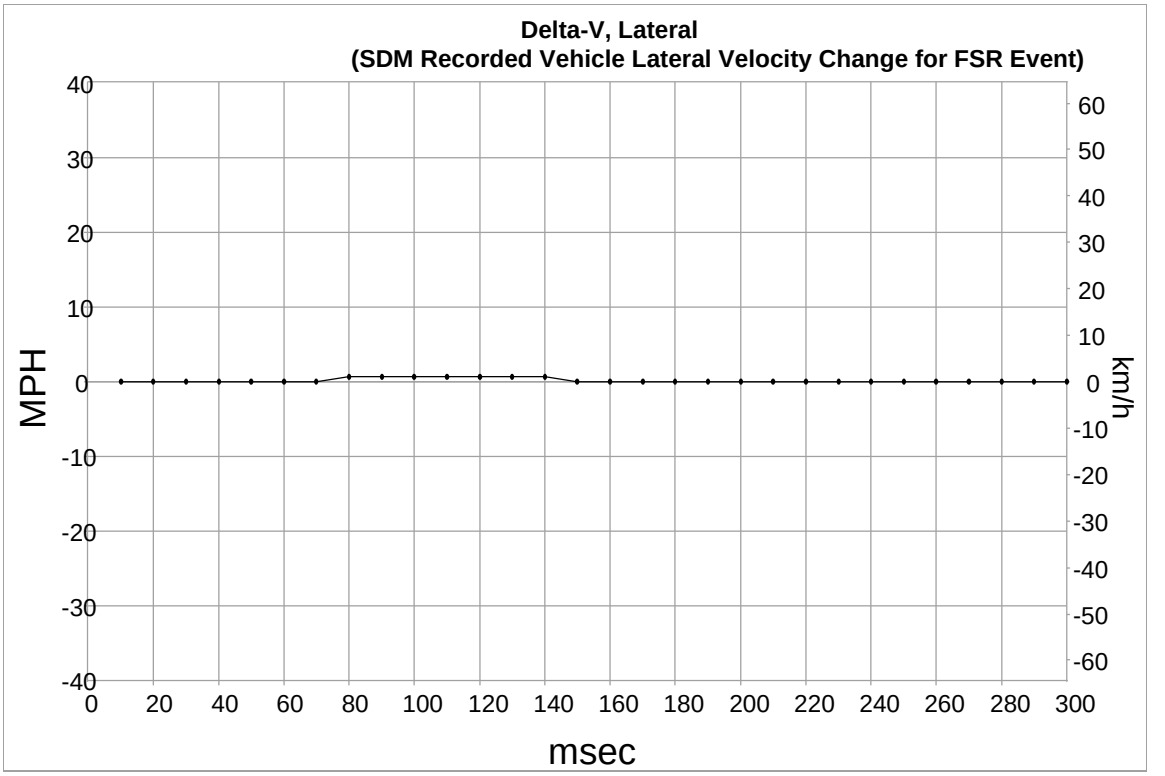
Longitudinal Crash Pulse (Event Record 1)

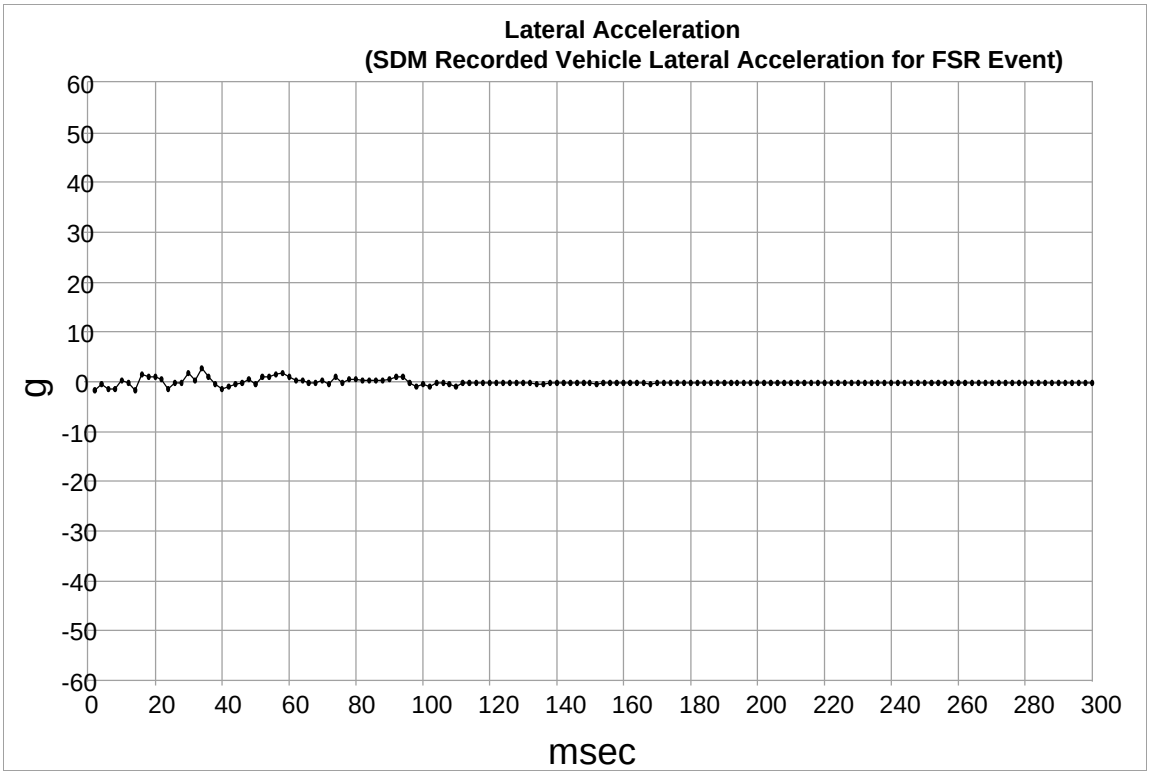
Time (msec)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (MPH)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (km/h)
10	-0.6	-1.0
20	-1.2	-2.0
30	-2.5	-4.0
40	-3.1	-5.0
50	-4.3	-7.0
60	-6.2	-10.0
70	-8.1	-13.0
80	-9.3	-15.0
90	-11.2	-18.0
100	-12.4	-20.0
110	-13.0	-21.0
120	-13.0	-21.0
130	-13.7	-22.0
140	-13.7	-22.0
150	-13.7	-22.0
160	-13.7	-22.0
170	-13.7	-22.0
180	-13.7	-22.0
190	-13.7	-22.0
200	-13.7	-22.0
210	-13.7	-22.0
220	-13.7	-22.0
230	-13.7	-22.0
240	-13.7	-22.0
250	-13.7	-22.0
260	-13.7	-22.0
270	-13.7	-22.0
280	-13.7	-22.0
290	-13.7	-22.0
300	-13.7	-22.0

Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-2.2	102	-3.8	202	-0.2
4	-7.4	104	-3.8	204	-0.2
6	-3.0	106	-3.0	206	-0.2
8	-5.4	108	-2.2	208	-0.2
10	-5.0	110	-3.8	210	-0.2
12	-3.8	112	-1.4	212	-0.2
14	-3.4	114	-3.0	214	-0.2
16	-3.8	116	-1.0	216	-0.2
18	-2.6	118	-1.8	218	-0.2
20	-3.8	120	-0.6	220	-0.2
22	-4.6	122	-1.8	222	-0.2
24	-1.0	124	-1.0	224	-0.2
26	-3.4	126	-1.4	226	-0.2
28	-1.8	128	-1.0	228	-0.2
30	-4.6	130	-1.0	230	-0.2
32	-5.8	132	-1.0	232	-0.2
34	-2.2	134	-0.6	234	-0.2
36	-7.0	136	-1.0	236	-0.2
38	-2.2	138	-0.6	238	-0.2
40	-5.8	140	-0.6	240	-0.2
42	-4.6	142	-0.6	242	-0.2
44	-8.2	144	-1.0	244	-0.2
46	-5.8	146	-0.2	246	-0.2
48	-5.0	148	-0.6	248	-0.2
50	-6.6	150	-0.2	250	-0.2
52	-6.6	152	-0.6	252	-0.2
54	-8.2	154	-0.2	254	-0.2
56	-7.0	156	-0.6	256	-0.2
58	-7.8	158	-0.2	258	-0.2
60	-7.8	160	-0.2	260	-0.2
62	-8.6	162	-0.2	262	-0.2
64	-8.2	164	-0.2	264	-0.2
66	-7.8	166	-0.2	266	-0.2
68	-7.8	168	-0.2	268	-0.2
70	-7.4	170	-0.2	270	-0.2
72	-5.8	172	-0.2	272	-0.2
74	-7.4	174	-0.2	274	-0.2
76	-7.4	176	-0.2	276	-0.2
78	-6.2	178	-0.2	278	-0.2
80	-7.4	180	-0.2	280	-0.2
82	-7.0	182	-0.2	282	-0.2
84	-8.2	184	-0.2	284	-0.2
86	-6.6	186	-0.2	286	-0.2
88	-6.2	188	-0.2	288	-0.2
90	-5.8	190	-0.2	290	-0.2
92	-8.2	192	-0.2	292	-0.2
94	-5.0	194	-0.2	294	-0.2
96	-6.2	196	-0.2	296	-0.2
98	-3.4	198	-0.2	298	-0.2
100	-7.0	200	-0.2	300	-0.2

Lateral Crash Pulse (Event Record 1)





Lateral Crash Pulse (Event Record 1)

Time (msec)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (MPH)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	0.0	0.0
30	0.0	0.0
40	0.0	0.0
50	0.0	0.0
60	0.0	0.0
70	0.0	0.0
80	0.6	1.0
90	0.6	1.0
100	0.6	1.0
110	0.6	1.0
120	0.6	1.0
130	0.6	1.0
140	0.6	1.0
150	0.0	0.0
160	0.0	0.0
170	0.0	0.0
180	0.0	0.0
190	0.0	0.0
200	0.0	0.0
210	0.0	0.0
220	0.0	0.0
230	0.0	0.0
240	0.0	0.0
250	0.0	0.0
260	0.0	0.0
270	0.0	0.0
280	0.0	0.0
290	0.0	0.0
300	0.0	0.0

Lateral Crash Pulse (Event Record 1)

Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)
2	-1.8	102	-1.0	202	-0.2
4	-0.6	104	-0.2	204	-0.2
6	-1.4	106	-0.2	206	-0.2
8	-1.4	108	-0.6	208	-0.2
10	0.2	110	-1.0	210	-0.2
12	-0.2	112	-0.2	212	-0.2
14	-1.8	114	-0.2	214	-0.2
16	1.4	116	-0.2	216	-0.2
18	1.0	118	-0.2	218	-0.2
20	1.0	120	-0.2	220	-0.2
22	0.6	122	-0.2	222	-0.2
24	-1.4	124	-0.2	224	-0.2
26	-0.2	126	-0.2	226	-0.2
28	-0.2	128	-0.2	228	-0.2
30	1.8	130	-0.2	230	-0.2
32	0.2	132	-0.2	232	-0.2
34	2.6	134	-0.6	234	-0.2
36	1.0	136	-0.6	236	-0.2
38	-0.6	138	-0.2	238	-0.2
40	-1.4	140	-0.2	240	-0.2
42	-1.0	142	-0.2	242	-0.2
44	-0.6	144	-0.2	244	-0.2
46	-0.2	146	-0.2	246	-0.2
48	0.6	148	-0.2	248	-0.2
50	-0.6	150	-0.2	250	-0.2
52	1.0	152	-0.6	252	-0.2
54	1.0	154	-0.2	254	-0.2
56	1.4	156	-0.2	256	-0.2
58	1.8	158	-0.2	258	-0.2
60	1.0	160	-0.2	260	-0.2
62	0.2	162	-0.2	262	-0.2
64	0.2	164	-0.2	264	-0.2
66	-0.2	166	-0.2	266	-0.2
68	-0.2	168	-0.6	268	-0.2
70	0.2	170	-0.2	270	-0.2
72	-0.6	172	-0.2	272	-0.2
74	1.0	174	-0.2	274	-0.2
76	-0.2	176	-0.2	276	-0.2
78	0.6	178	-0.2	278	-0.2
80	0.6	180	-0.2	280	-0.2
82	0.2	182	-0.2	282	-0.2
84	0.2	184	-0.2	284	-0.2
86	0.2	186	-0.2	286	-0.2
88	0.2	188	-0.2	288	-0.2
90	0.6	190	-0.2	290	-0.2
92	1.0	192	-0.2	292	-0.2
94	1.0	194	-0.2	294	-0.2
96	-0.2	196	-0.2	296	-0.2
98	-1.0	198	-0.2	298	-0.2
100	-0.6	200	-0.2	300	-0.2

Rollover Crash Pulse (Event Record 1)
SDM Recorded Vehicle Roll Rate

Contains No Recorded Data

Rollover Crash Pulse (Event Record 1)
Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event)

Contains No Recorded Data

Vertical Crash Pulse (Event Record 1)
Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event)

Contains No Recorded Data

Pre-Crash Data -5.0 to -0.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	0	Off	2048	55	70 [113]
-4.5	0	Off	2048	55	71 [114]
-4.0	0	Off	2048	55	71 [114]
-3.5	0	Off	2048	45	71 [114]
-3.0	0	Off	2048	41	71 [114]
-2.5	0	Off	2048	44	70 [113]
-2.0	0	On	2176	26	67 [108]
-1.5	0	On	1152	19	43 [70]
-1.0	0	On	1088	24	31 [50]
-0.5	0	On	1152	19	35 [57]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 1)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	74 [100]	Off
-1.5	No	No	No	-6 [-8]	Off
-1.0	No	No	No	18 [24]	Off
-0.5	No	No	No	-9 [-12]	Off

Hexadecimal Data

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DPID $11
FF F0 00 FC C0 7C 00

DPID $15
01 02 03 04 05 06 07

DPID $16
08 09 0A 0D 0E 00 00

DPID $17
00 00 00 00 00 00 00

DPID $32
00 FD 2D 62 00 00 00

DPID $35
78 00 00 00 00 00 00

DID $01
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DID $03
41 54 32 35 37 37 45 30 31 37 35 35 38 39 37 44

DID $05
41 48 32 35 37 37 45 30 31 37 37 33 39 34 38 41

DID $07
41 4A 32 35 37 37 45 30 31 37 37 31 35 31 45 30

DID $09
44 41 34 39 33 36 45 30 31 37 35 37 38 34 34 33

DID $0B
44 42 34 39 33 36 45 30 31 37 35 38 45 37 39 43

DID $0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID $0F
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID $30
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DID $90
32 47 4E 41 4C 42 45 4B 39 44 36 32 36 39 39 34 34

DID $9A
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DID $C1
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DID $C2
01 5D ED EB

DID $C3
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00 CF 2D 7D

DID $CB
00 CF 5B 81

DID $31

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 0040   00 00 00 00 00 12 11 12 22 20
 0050   20 20 20 20 20 06 87 06 D1 06
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 0110   00 00 00 80 52 00 69 4F 80 30
 0120   1C 80 FF FF FF FF 16 16 7E 7F
 0130   7D 7F 7B 7F 7A 7F 78 7F 75 7F
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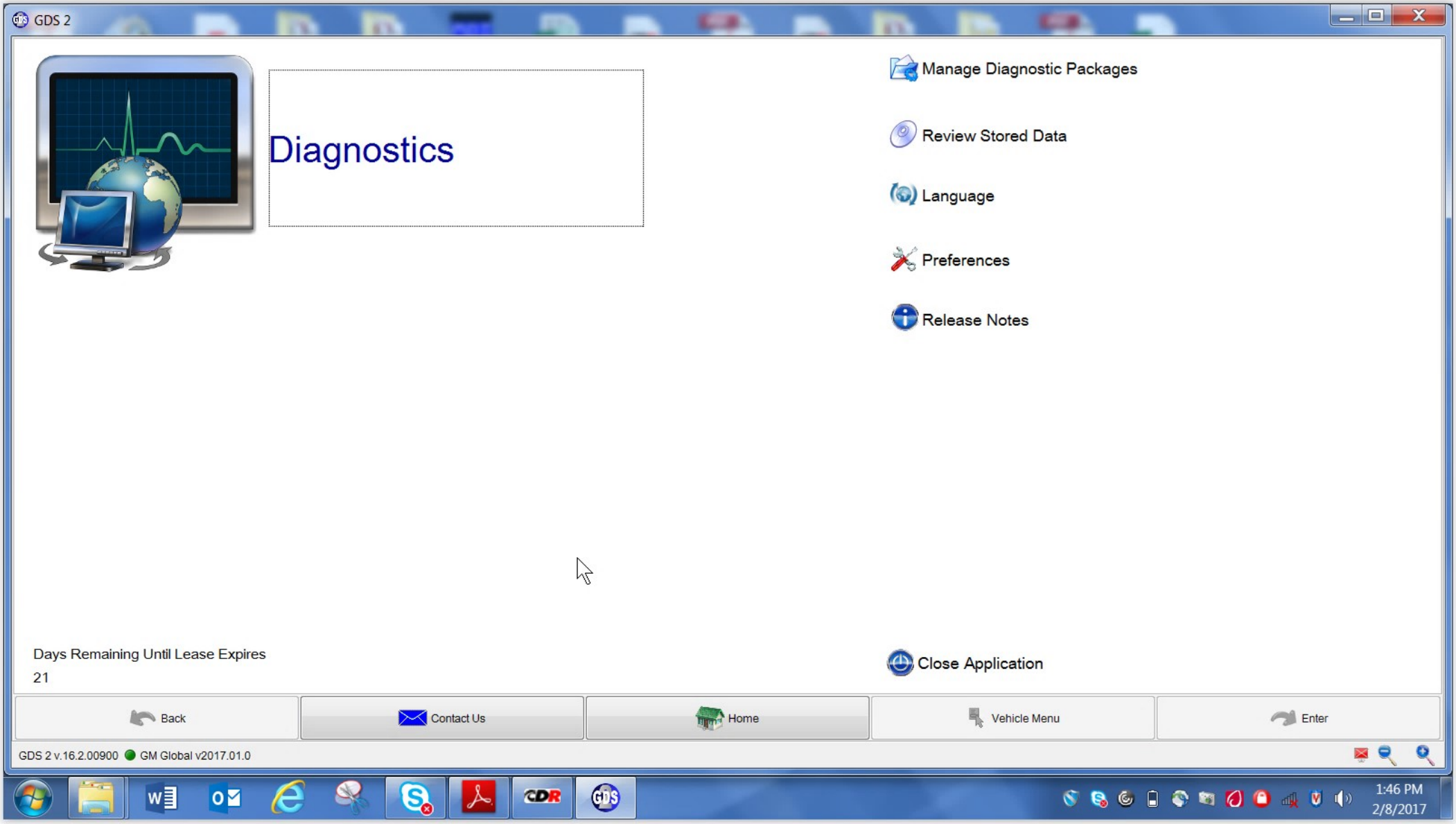
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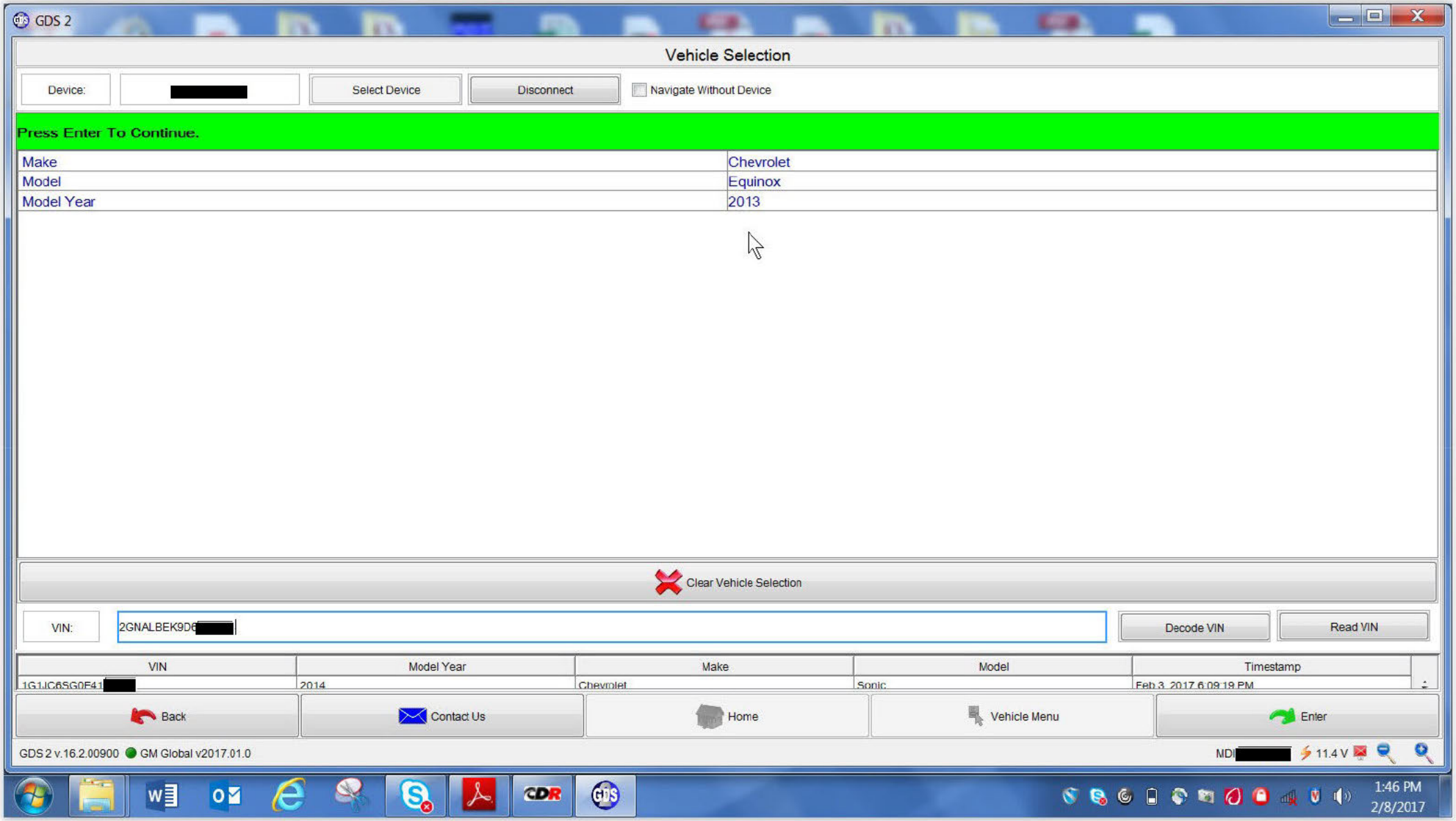
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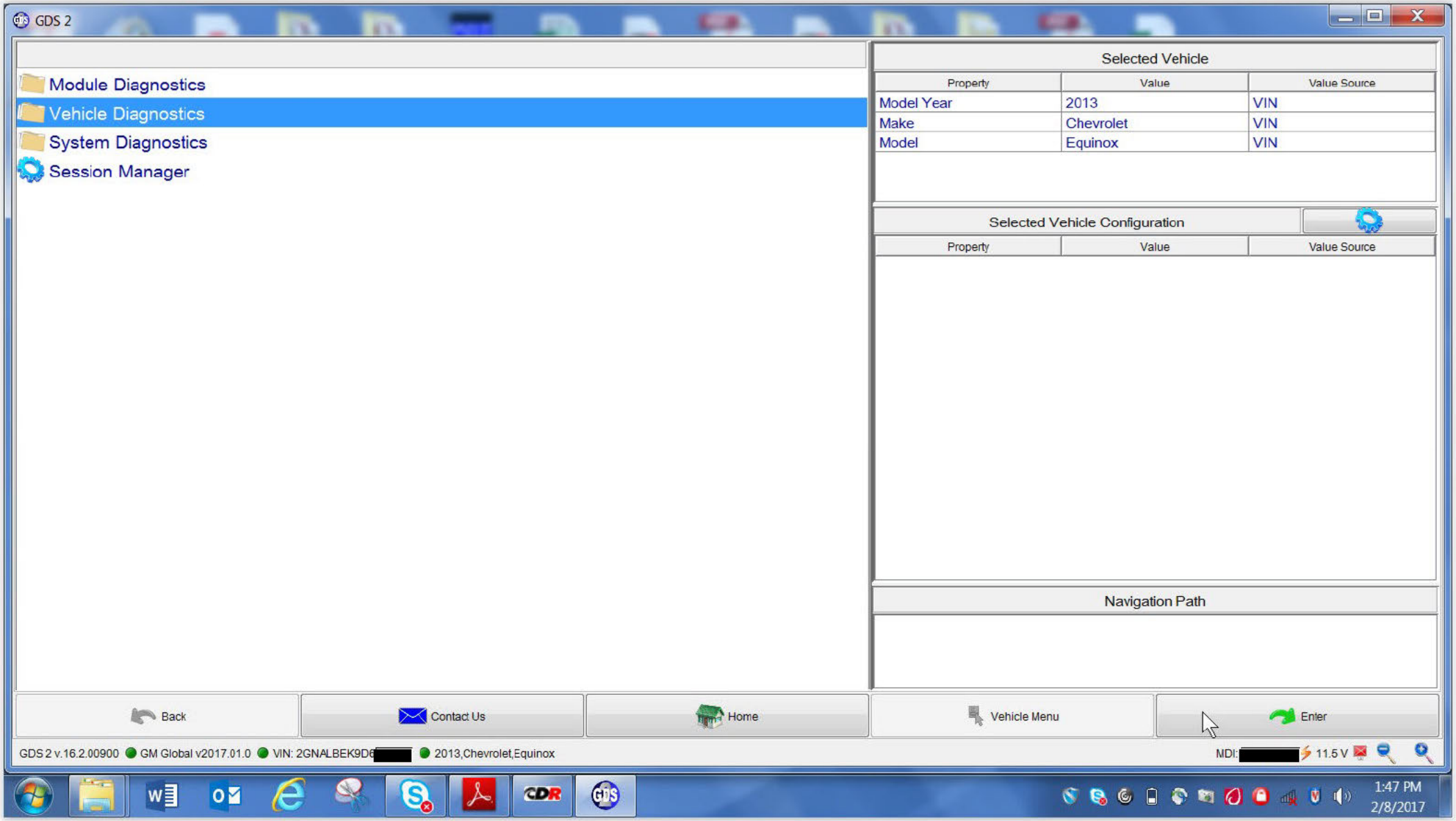
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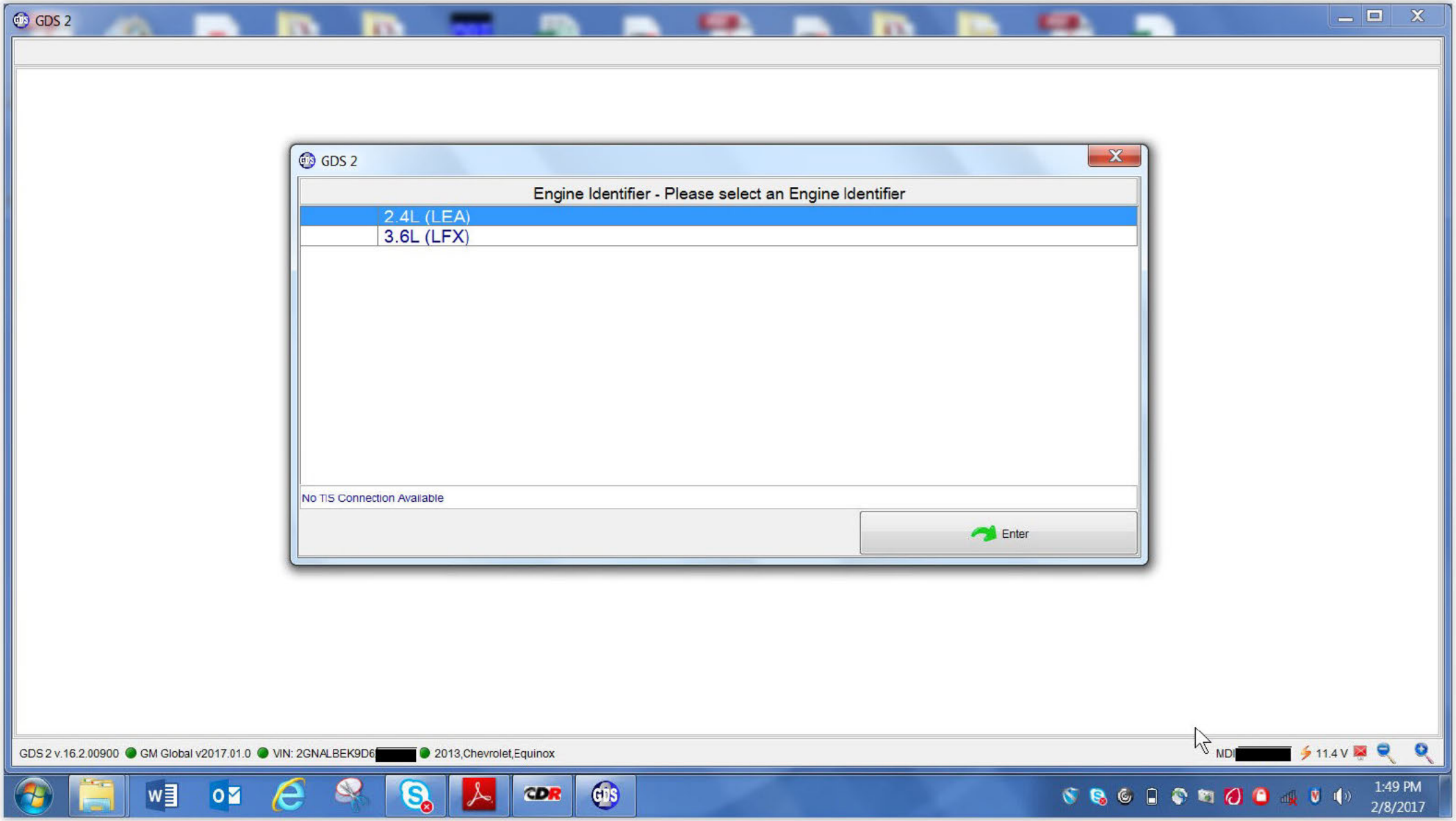
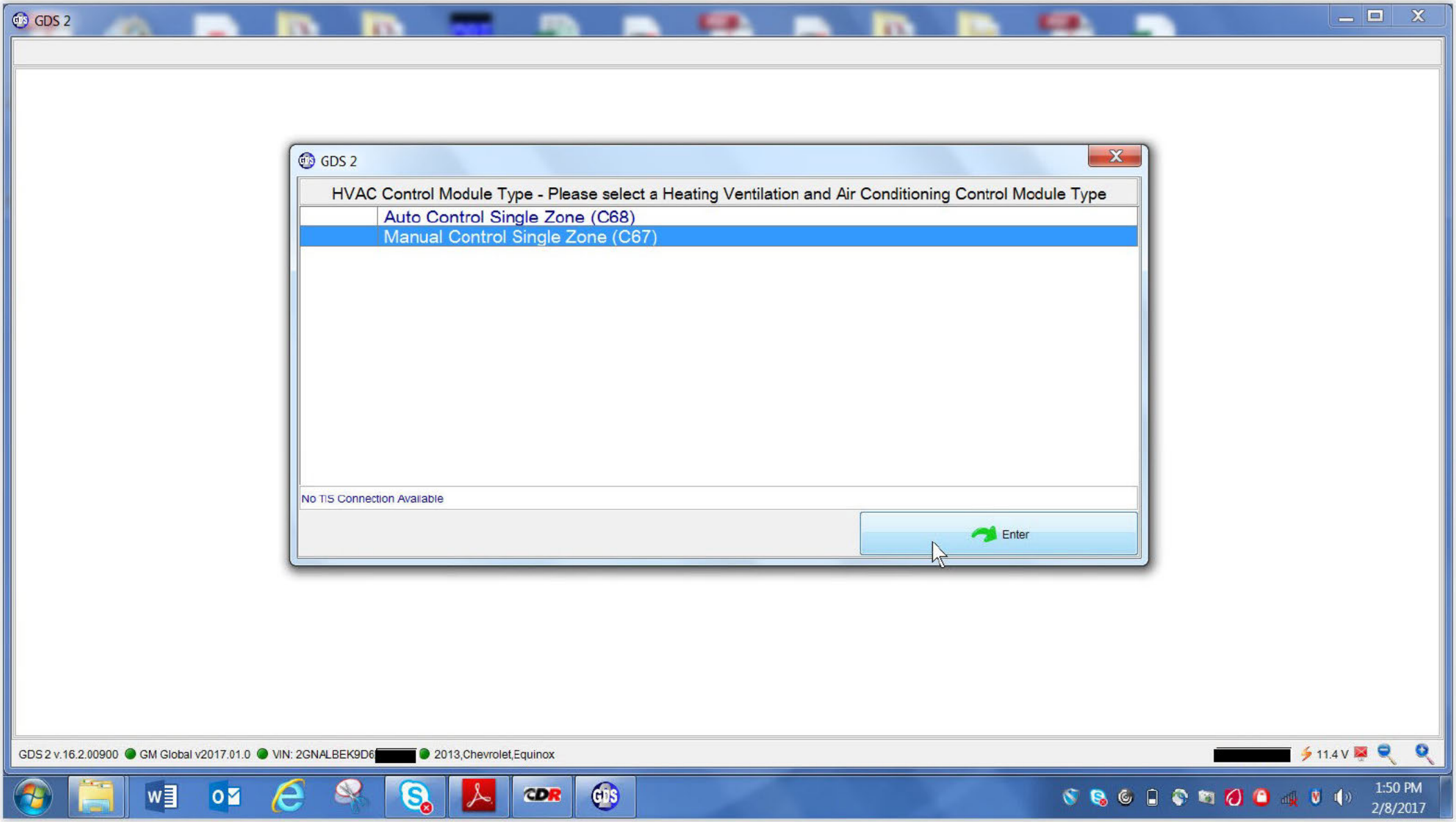
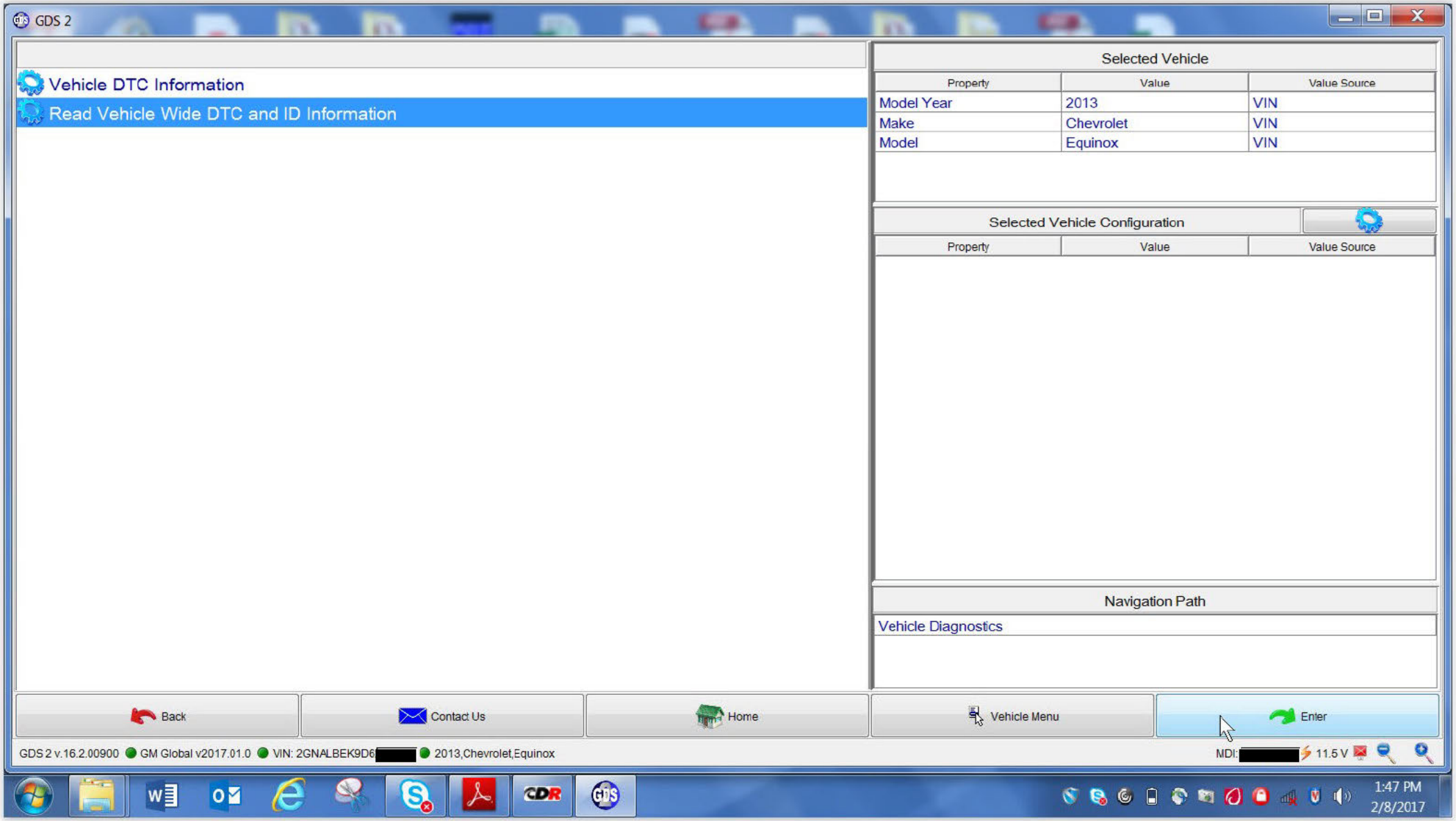
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.5 V
1:47 PM
2/8/2017


GDS 2
GDS 2
Engine Identifier - Please select an Engine Identifier
2.4L (LEA)
3.6L (LFX)
No TIS Connection Available
Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI
11.4 V
1:49 PM
2/8/2017


GDS 2
GDS 2
HVAC Control Module Type - Please select a Heating Ventilation and Air Conditioning Control Module Type
Auto Control Single Zone (C68)
Manual Control Single Zone (C67)
No TIS Connection Available
Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
11.4 V
1:50 PM
2/8/2017


GDS 2
Vehicle DTC Information
Read Vehicle Wide DTC and ID Information
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
Vehicle Diagnostics
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Enter
GDS 2 v.16.2.00900
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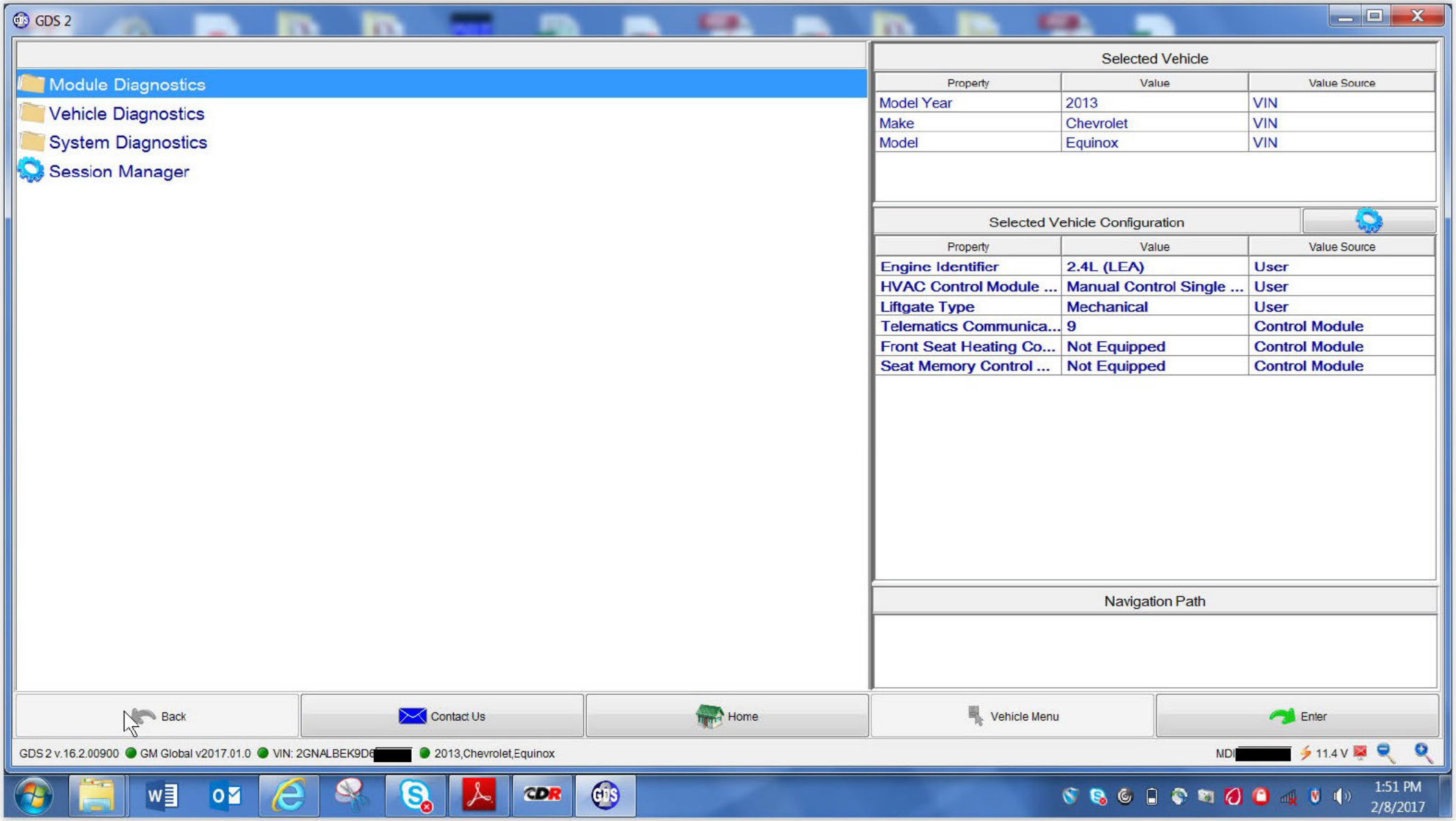
MDI:
11.5 V
1:47 PM
2/8/2017


GDS 2
Module Diagnostics
Vehicle Diagnostics
System Diagnostics
Session Manager
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
Navigation Path
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Enter
GDS 2 v.16.2.00900
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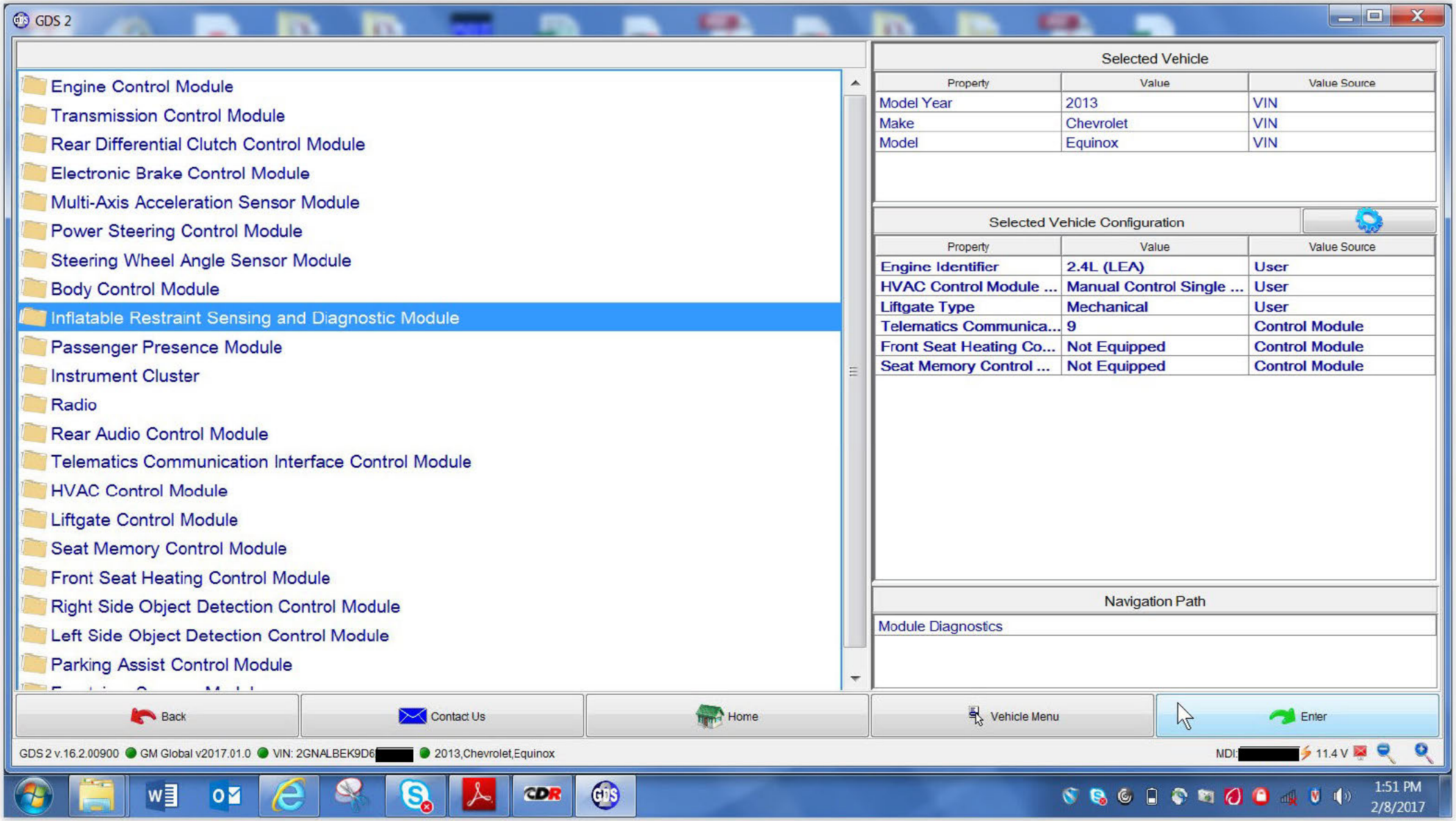
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI
11.4 V
1:51 PM
2/8/2017


GDS 2
Engine Control Module
Transmission Control Module
Rear Differential Clutch Control Module
Electronic Brake Control Module
Multi-Axis Acceleration Sensor Module
Power Steering Control Module
Steering Wheel Angle Sensor Module
Body Control Module
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module
Instrument Cluster
Radio
Rear Audio Control Module
Telematics Communication Interface Control Module
HVAC Control Module
Liftgate Control Module
Seat Memory Control Module
Front Seat Heating Control Module
Right Side Object Detection Control Module
Left Side Object Detection Control Module
Parking Assist Control Module
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
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GDS 2 v.16.2.00900
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VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.4 V
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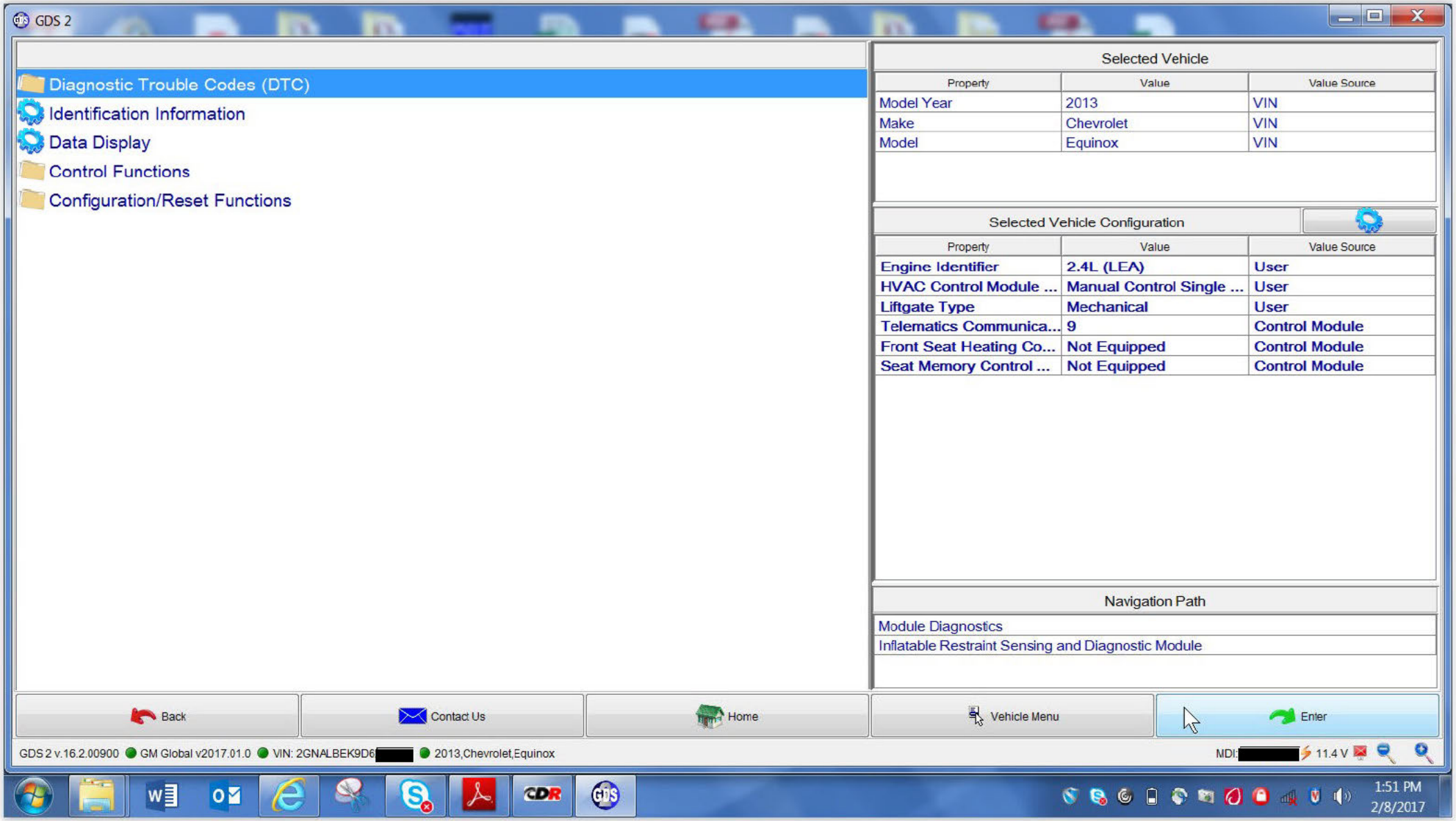
GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
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Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
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GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.4 V
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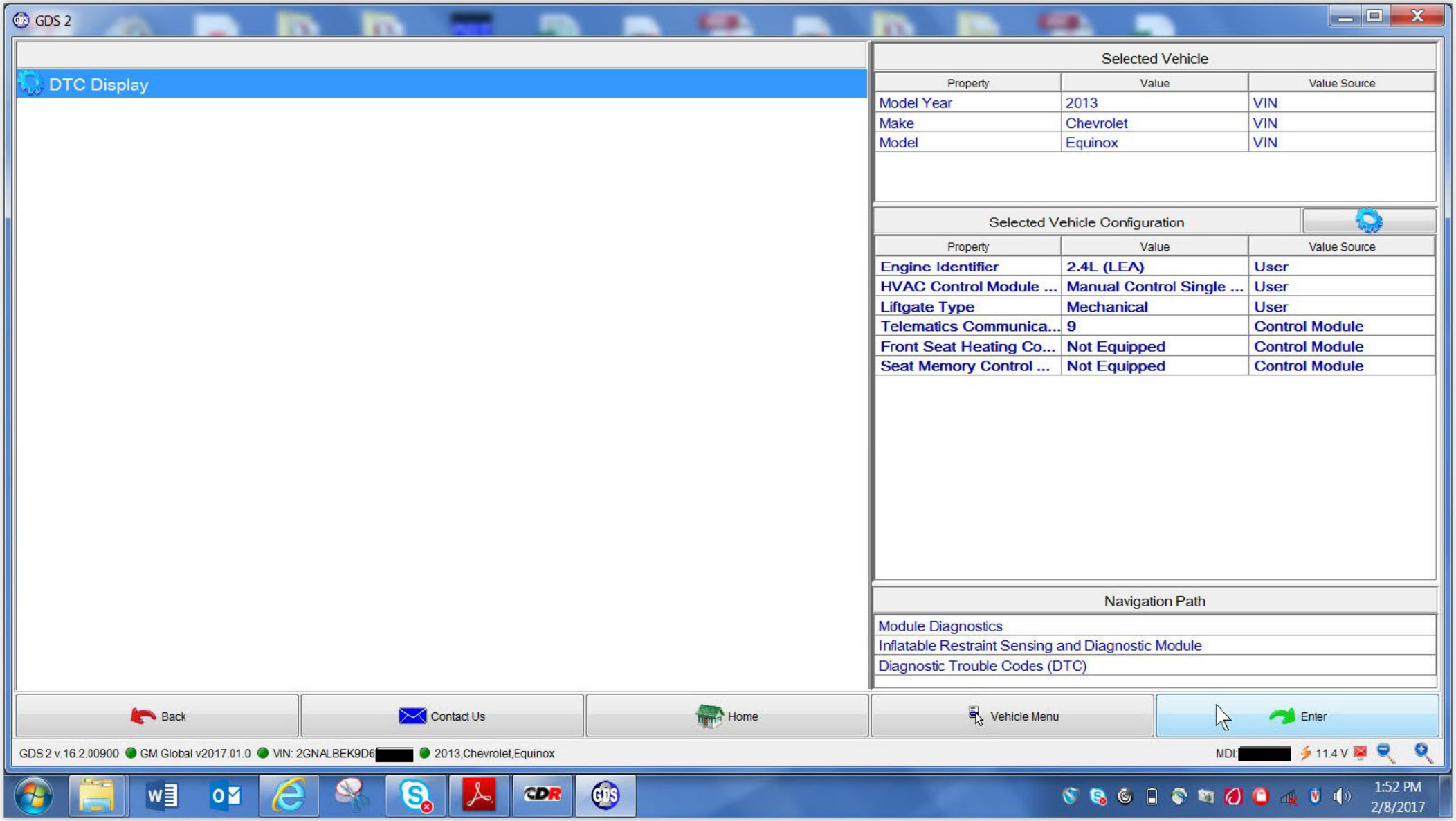
2/8/2017


GDS 2
DTC Display
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
Navigation Path
Module Diagnostics
Inflatable Restraint Sensing and Diagnostic Module
Diagnostic Trouble Codes (DTC)
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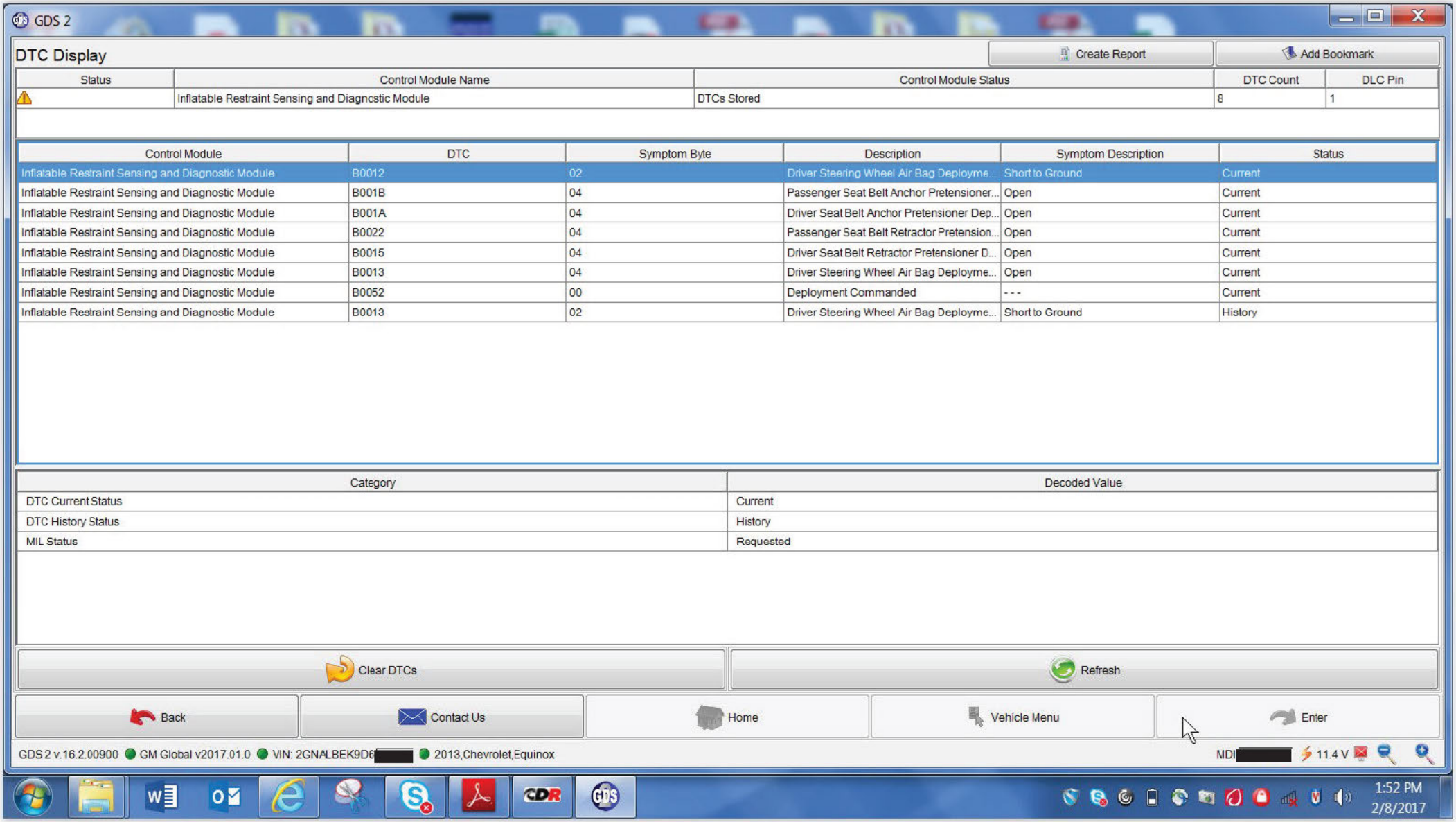
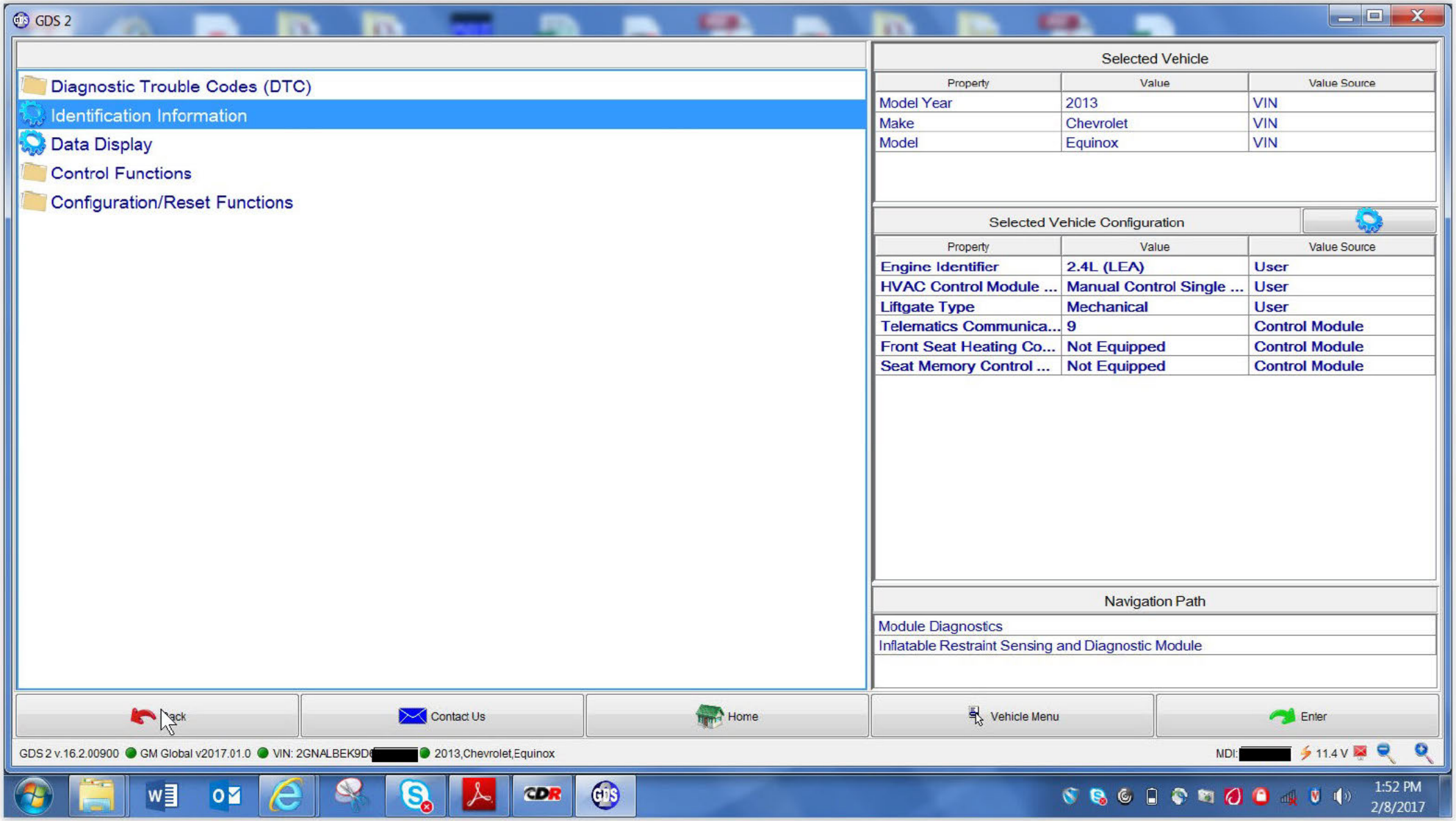
Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.4 V
1:52 PM
2/8/2017

INFORMATION REDACTED PURSUANT TOTHE FREEDOM
OF INFORMATION ACT (FOIA), 5 U.S.C.552(B)(6)




GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
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Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
Navigation Path
Module Diagnostics
Inflatable Restraint Sensing and Diagnostic Module
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Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D
2013,Chevrolet,Equinox
MDI:
11.4 V
1:52 PM
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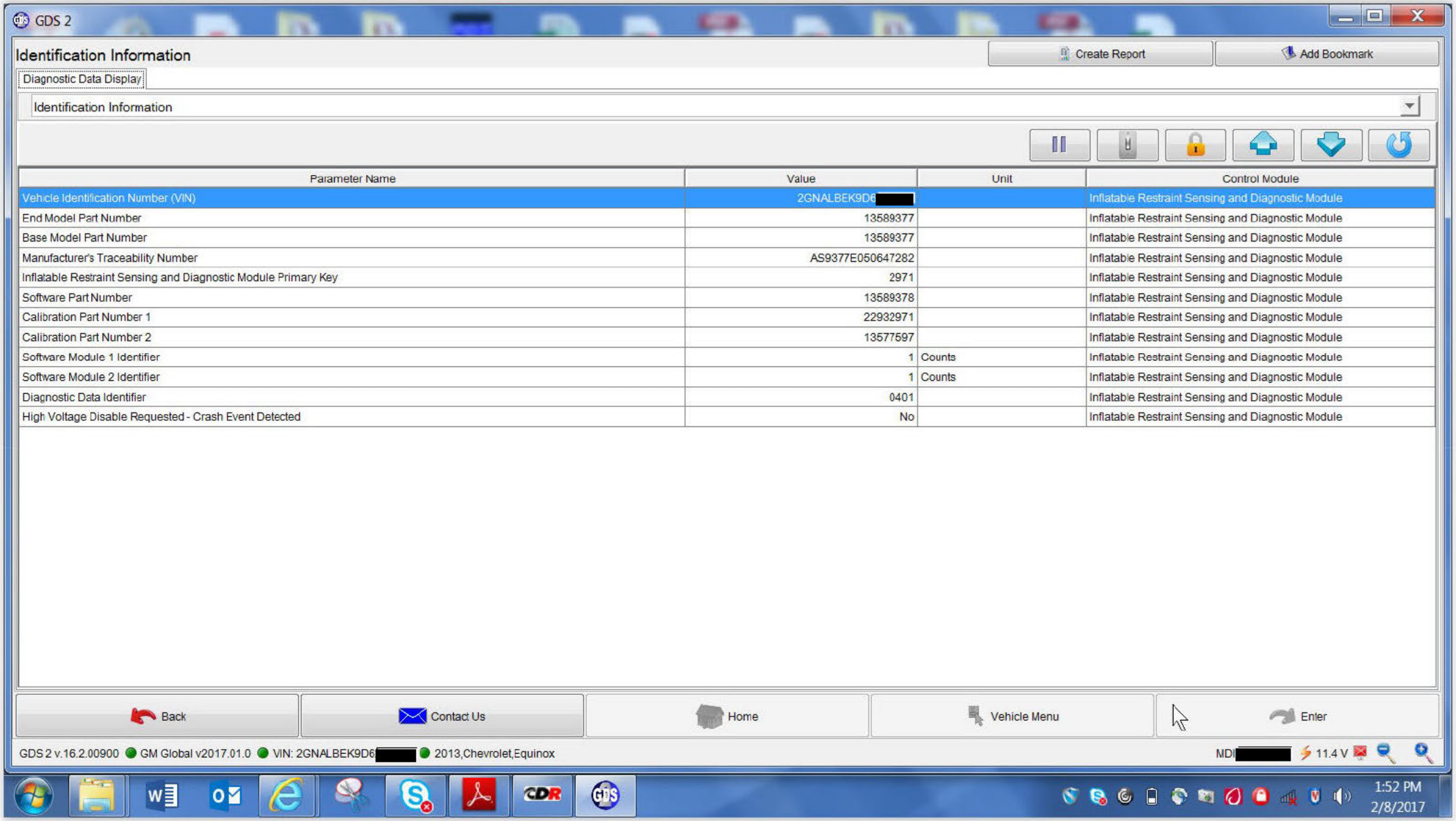
GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Vehicle Identification Number (VIN)
2GNALBEK9D6[redacted]
Inflatable Restraint Sensing and Diagnostic Module
End Model Part Number
13589377
Base Model Part Number
13589377
Manufacturer's Traceability Number
AS9377E050647282
Inflatable Restraint Sensing and Diagnostic Module Primary Key
2971
Software Part Number
13589378
Calibration Part Number 1
22932971
Calibration Part Number 2
13577597
Software Module 1 Identifier
1
Counts
Software Module 2 Identifier
1
Counts
Diagnostic Data Identifier
0401
High Voltage Disable Requested - Crash Event Detected
No
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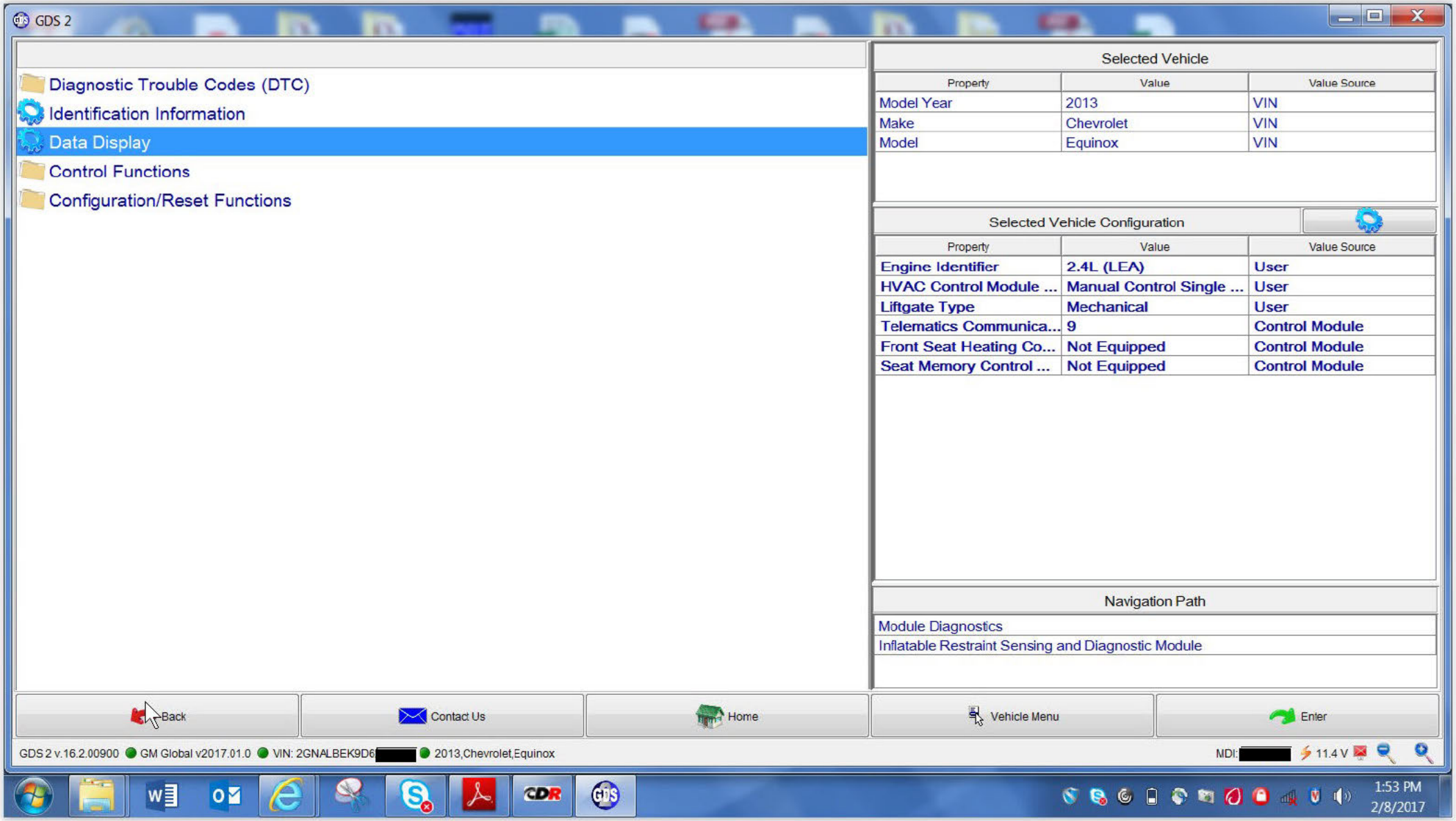
Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6[redacted]
2013,Chevrolet,Equinox
MDI[redacted]
11.4 V
1:52 PM
2/8/2017


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
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Control Module
Front Seat Heating Co...
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Control Module
Seat Memory Control ...
Not Equipped
Control Module
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VIN: 2GNALBEK9D6
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MDI:
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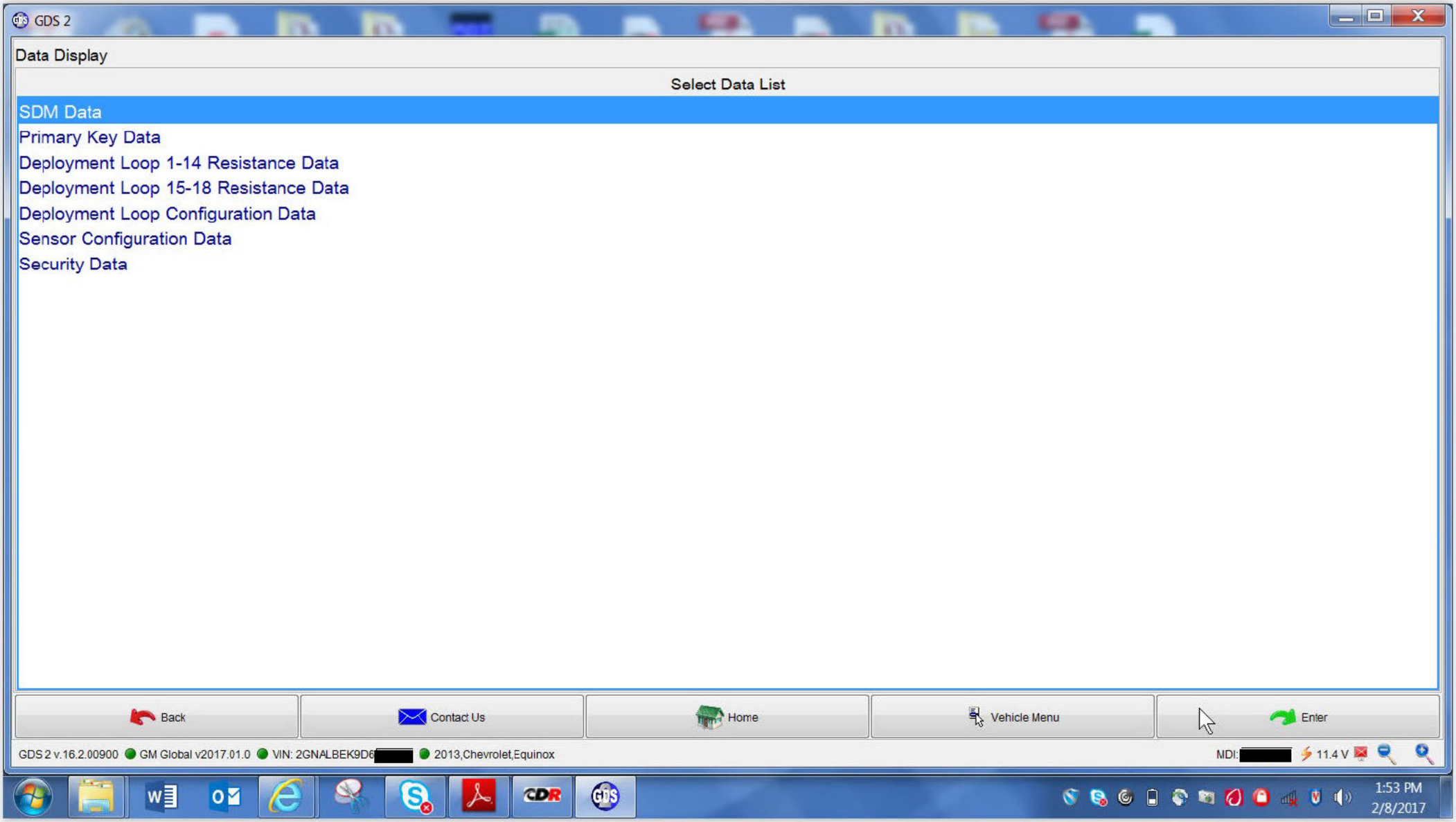
GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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GDS 2 v.16.2.00900
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VIN: 2GNALBEK9D6
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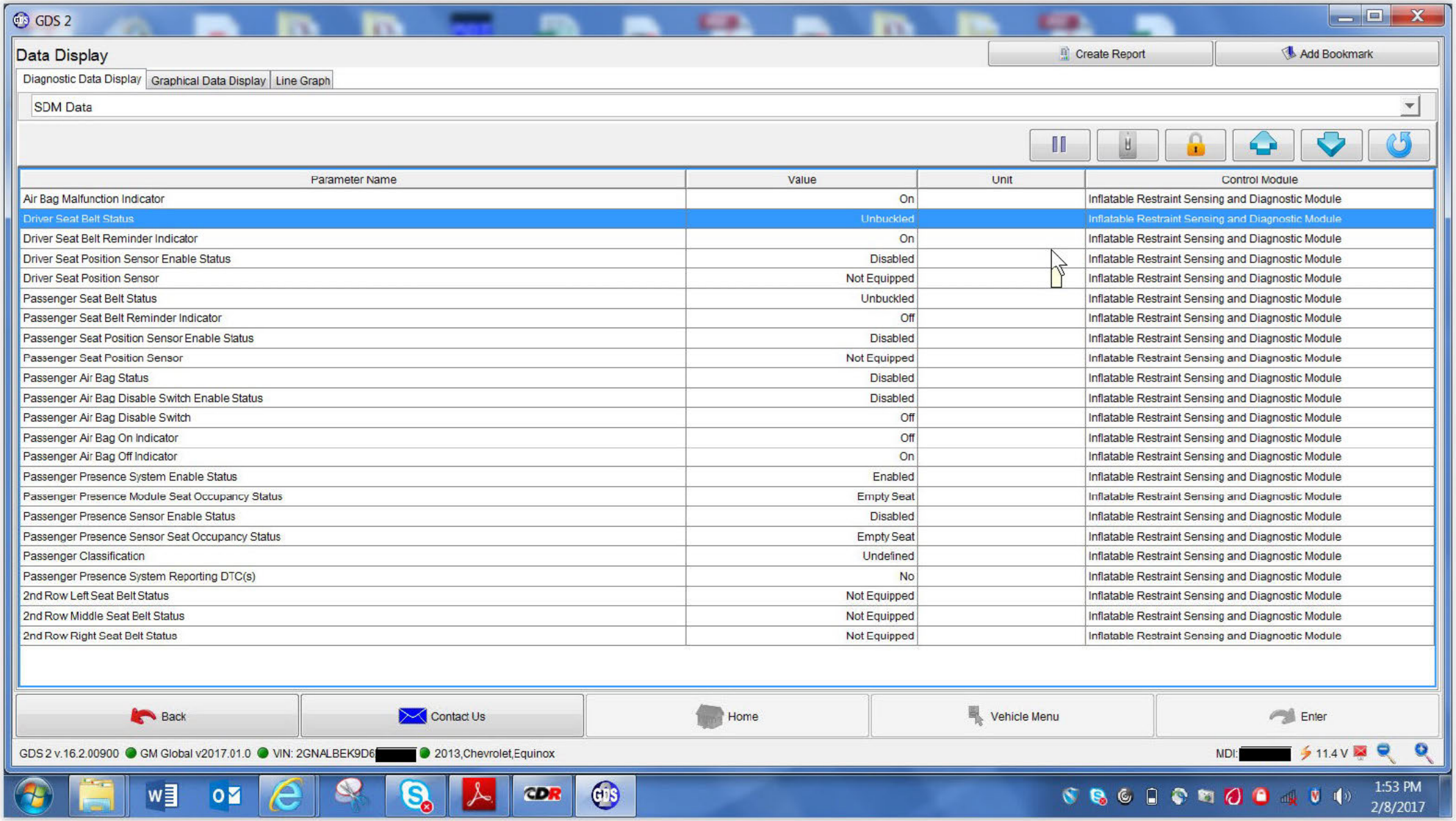
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name | Value | Unit | Control Module
Air Bag Malfunction Indicator | On | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Status | Unbuckled | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Reminder Indicator | On | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status | Unbuckled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag On Indicator | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator | On | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status | Enabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status | Empty Seat | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status | Empty Seat | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification | Undefined | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Reporting DTC(s) | No | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Left Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Middle Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Right Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
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GDS 2 v.16.2.00900
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VIN: 2GNALBEK9D6[redacted]
2013,Chevrolet,Equinox
MDI:[redacted]
11.4 V
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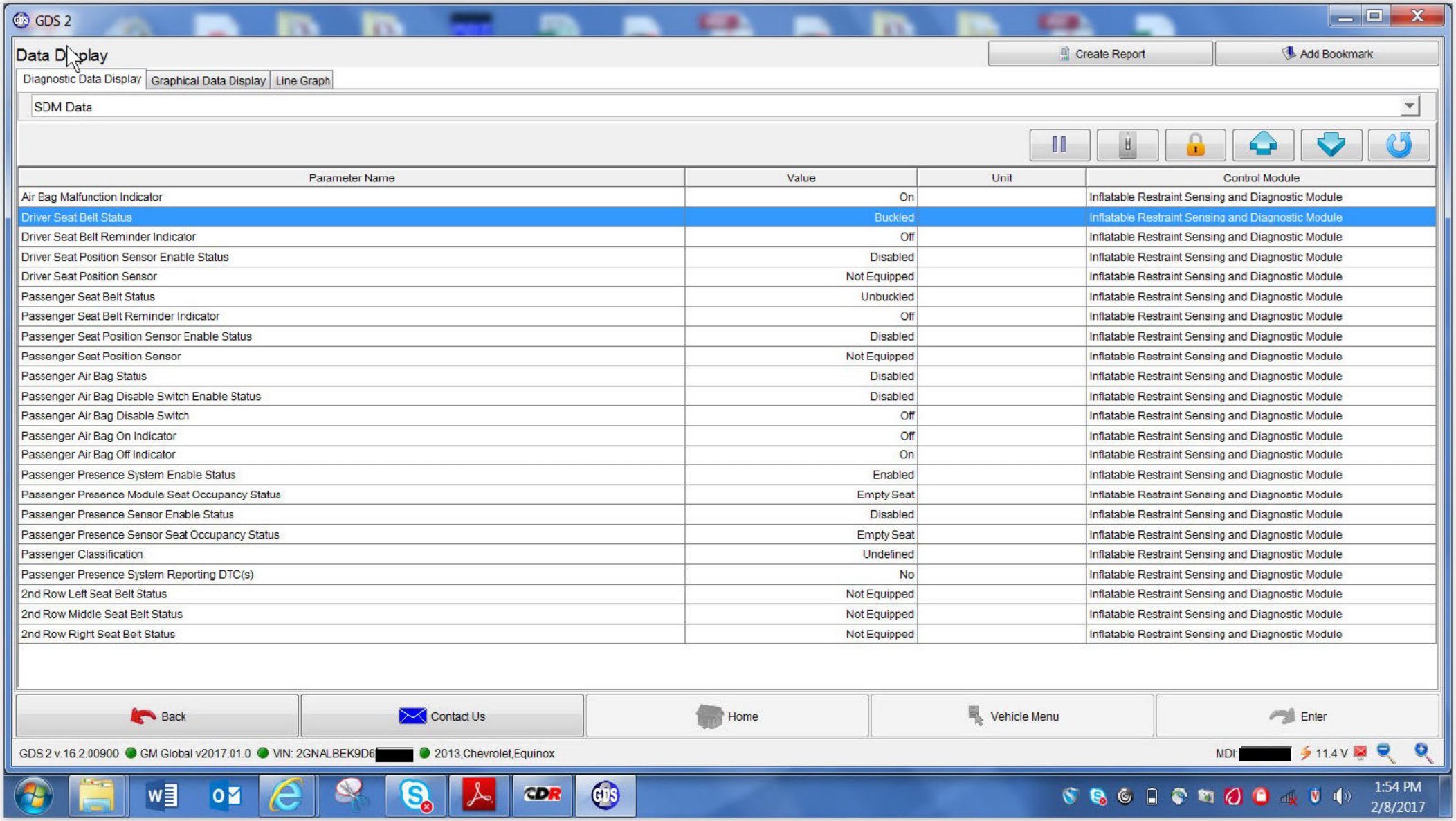
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name | Value | Unit | Control Module
Air Bag Malfunction Indicator | On | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Status | Buckled | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Reminder Indicator | Off | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status | Unbuckled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag On Indicator | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator | On | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status | Enabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status | Empty Seat | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status | Empty Seat | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification | Undefined | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Reporting DTC(s) | No | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Left Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Middle Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Right Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
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VIN: 2GNALBEK9D6[redacted]
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MDI:[redacted]
11.4 V
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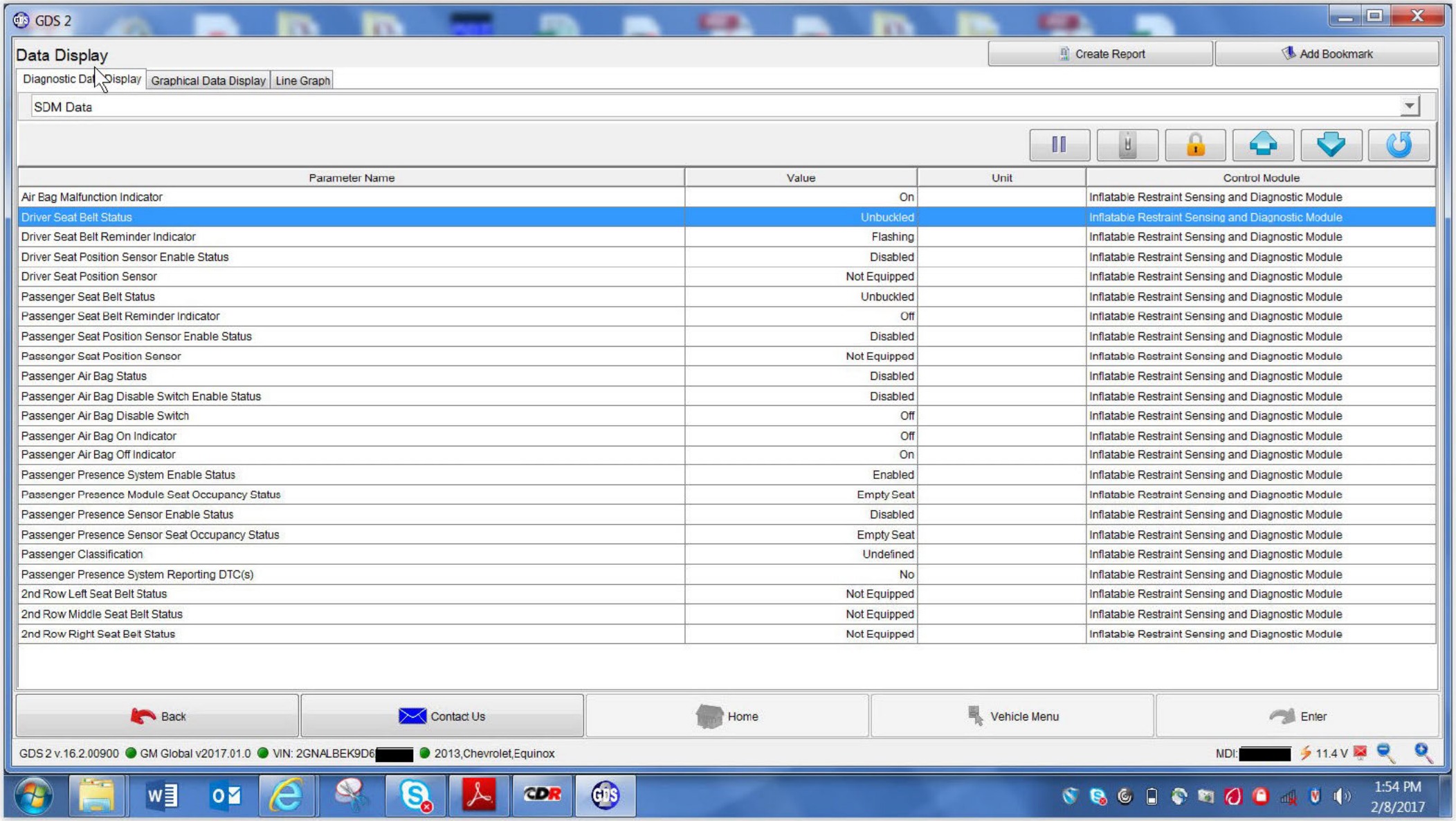
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name | Value | Unit | Control Module
Air Bag Malfunction Indicator | On | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Status | Unbuckled | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Belt Reminder Indicator | Flashing | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status | Unbuckled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Position Sensor | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag On Indicator | Off | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator | On | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status | Enabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status | Empty Seat | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status | Disabled | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status | Empty Seat | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification | Undefined | | Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Reporting DTC(s) | No | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Left Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Middle Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
2nd Row Right Seat Belt Status | Not Equipped | | Inflatable Restraint Sensing and Diagnostic Module
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MDI:
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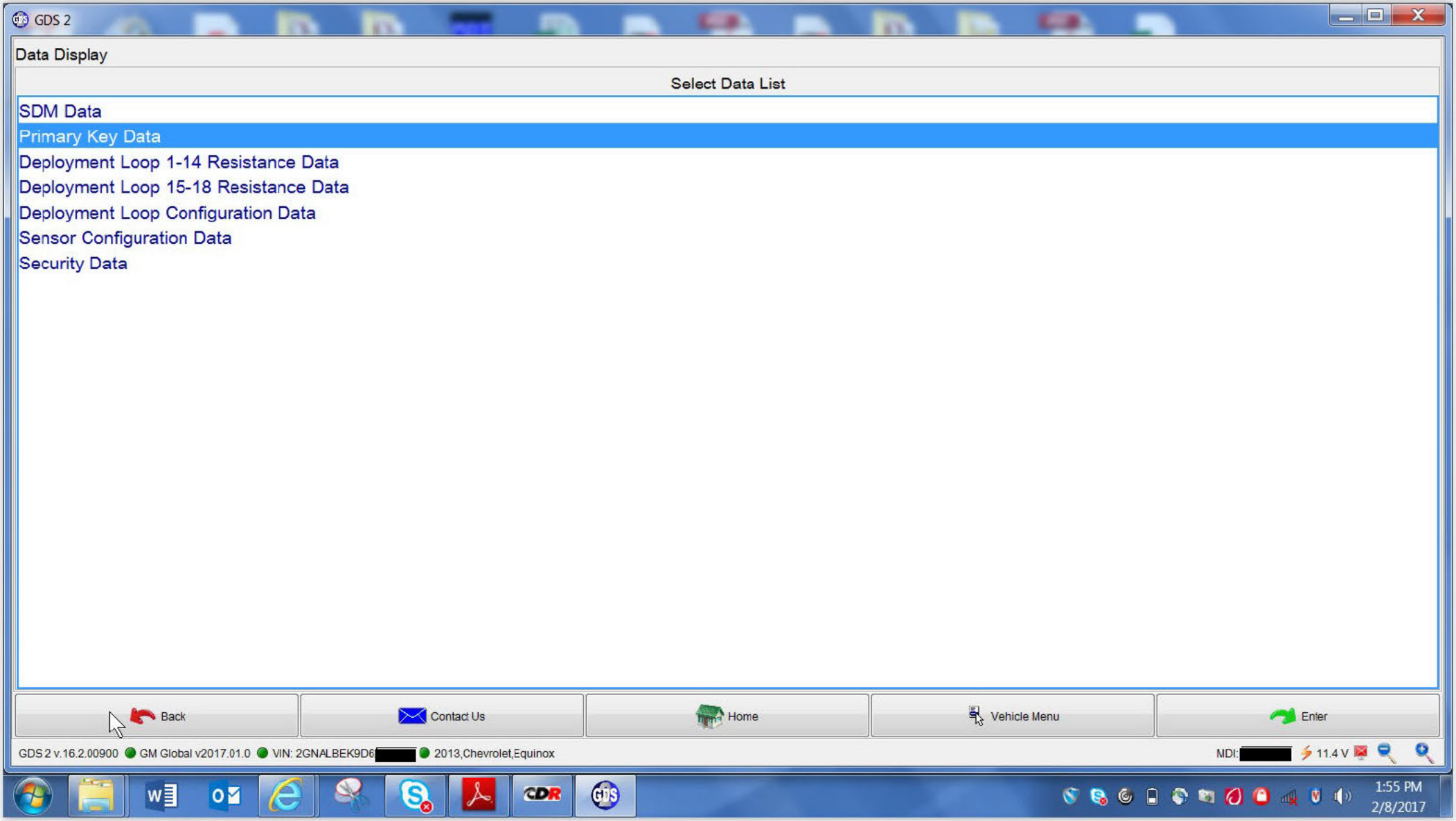
GDS 2
Data Display
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Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
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VIN: 2GNALBEK9D6
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MDI:
11.4 V
1:55 PM
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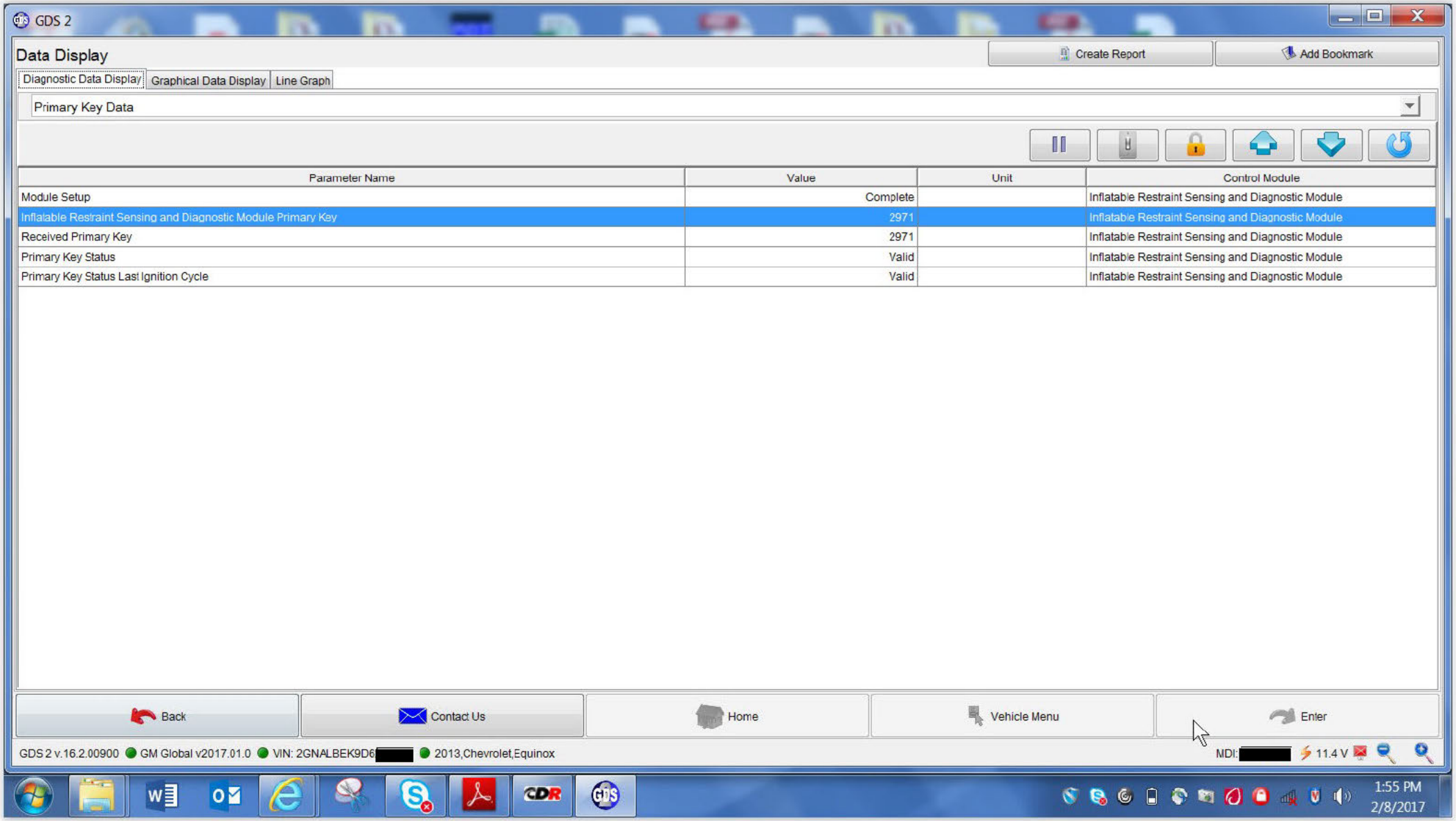
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Primary Key Data
Parameter Name
Value
Unit
Control Module
Module Setup
Complete
Inflatable Restraint Sensing and Diagnostic Module
Inflatable Restraint Sensing and Diagnostic Module Primary Key
2971
Inflatable Restraint Sensing and Diagnostic Module
Received Primary Key
2971
Inflatable Restraint Sensing and Diagnostic Module
Primary Key Status
Valid
Inflatable Restraint Sensing and Diagnostic Module
Primary Key Status Last Ignition Cycle
Valid
Inflatable Restraint Sensing and Diagnostic Module
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GDS 2 v.16.2.00900
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VIN: 2GNALBEK9D6
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MDI:
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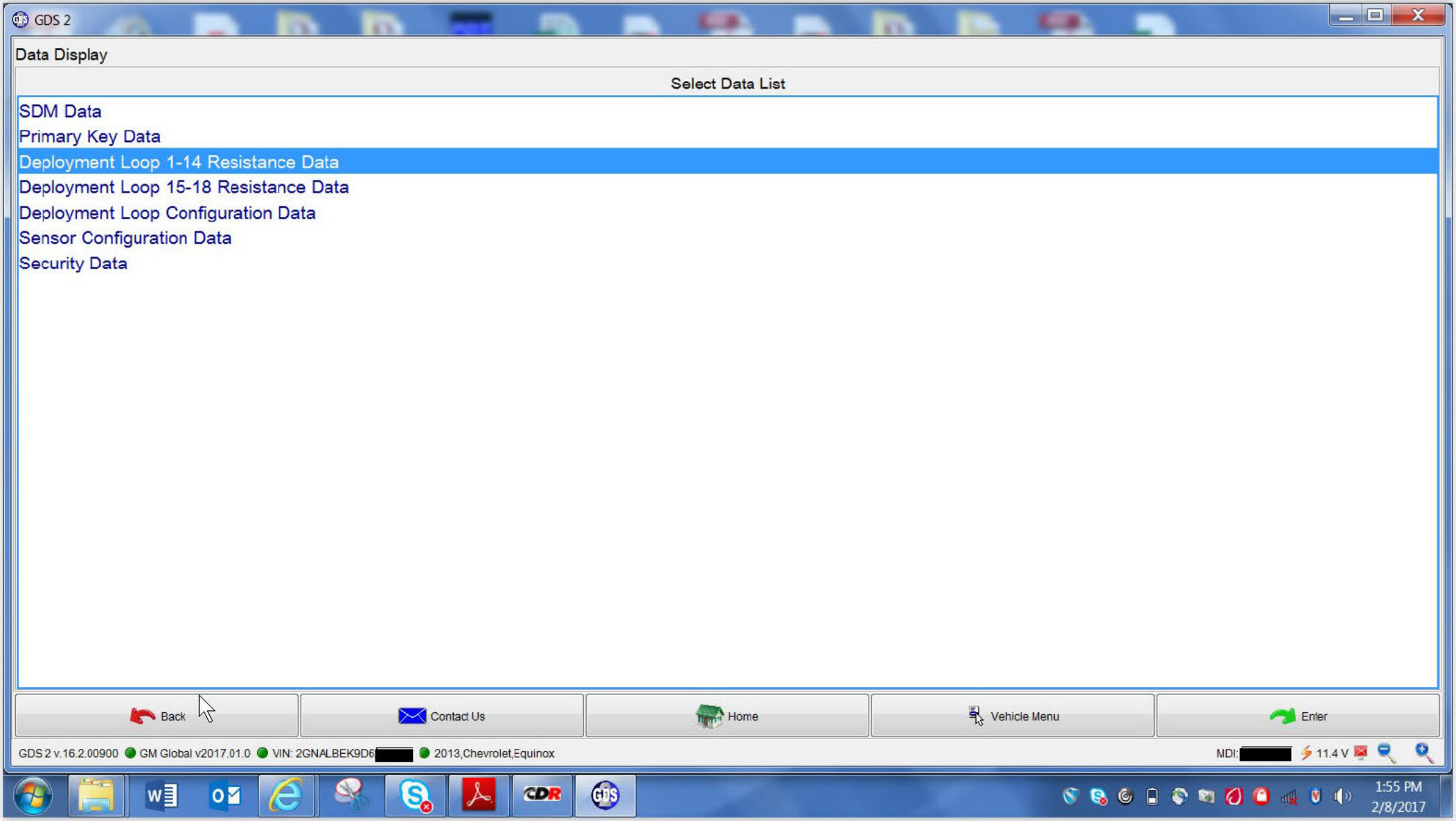
GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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VIN: 2GNALBEK9D6
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MDI:
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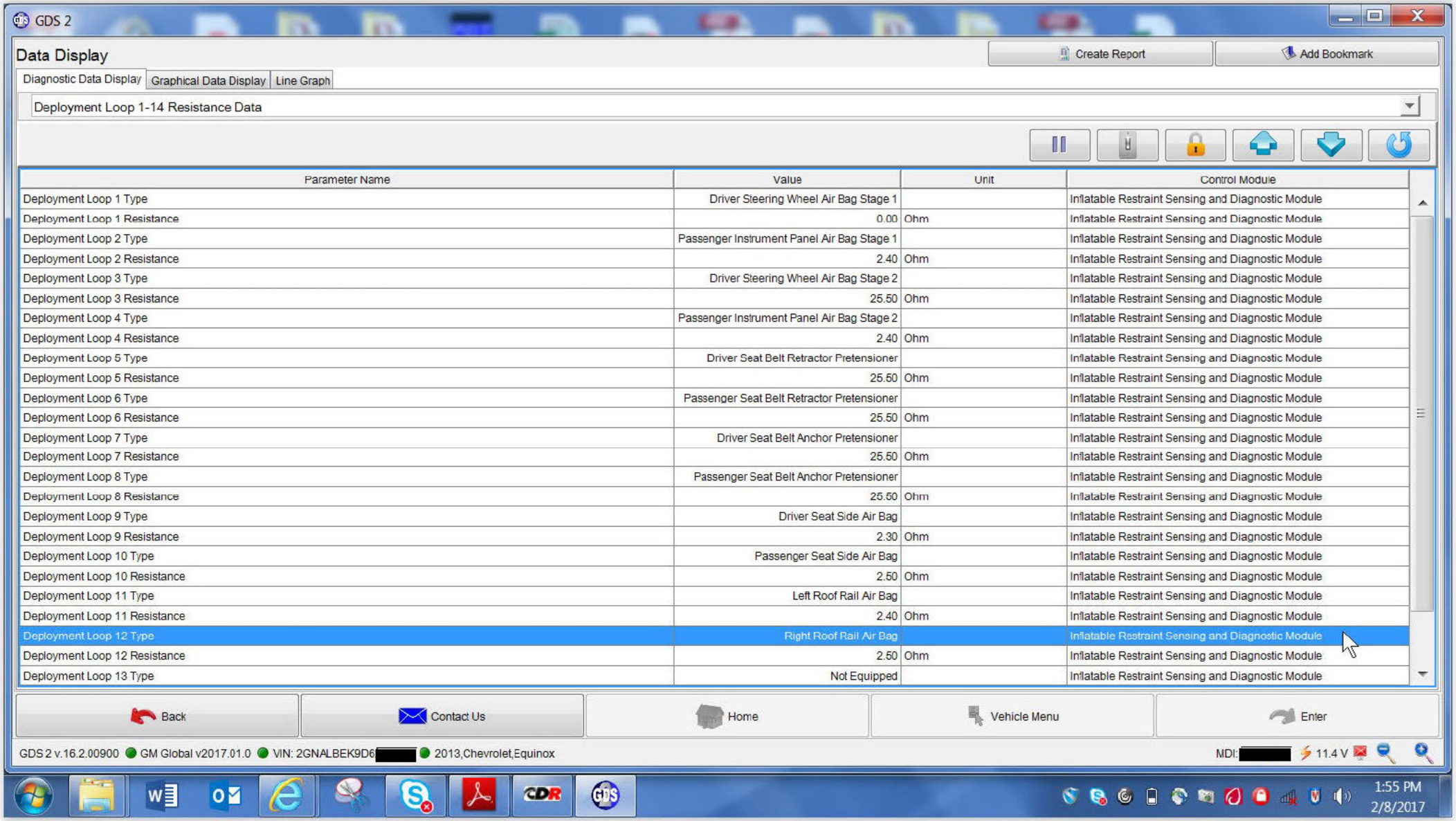
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Diagnostic Data Display
Graphical Data Display
Line Graph
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Unit
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Ohm
Deployment Loop 2 Type
Passenger Instrument Panel Air Bag Stage 1
Deployment Loop 2 Resistance
2.40
Deployment Loop 3 Type
Driver Steering Wheel Air Bag Stage 2
Deployment Loop 3 Resistance
25.50
Deployment Loop 4 Type
Passenger Instrument Panel Air Bag Stage 2
Deployment Loop 4 Resistance
Deployment Loop 5 Type
Driver Seat Belt Retractor Pretensioner
Deployment Loop 5 Resistance
Deployment Loop 6 Type
Passenger Seat Belt Retractor Pretensioner
Deployment Loop 6 Resistance
Deployment Loop 7 Type
Driver Seat Belt Anchor Pretensioner
Deployment Loop 7 Resistance
Deployment Loop 8 Type
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Deployment Loop 9 Type
Driver Seat Side Air Bag
Deployment Loop 9 Resistance
2.30
Deployment Loop 10 Type
Passenger Seat Side Air Bag
Deployment Loop 10 Resistance
2.50
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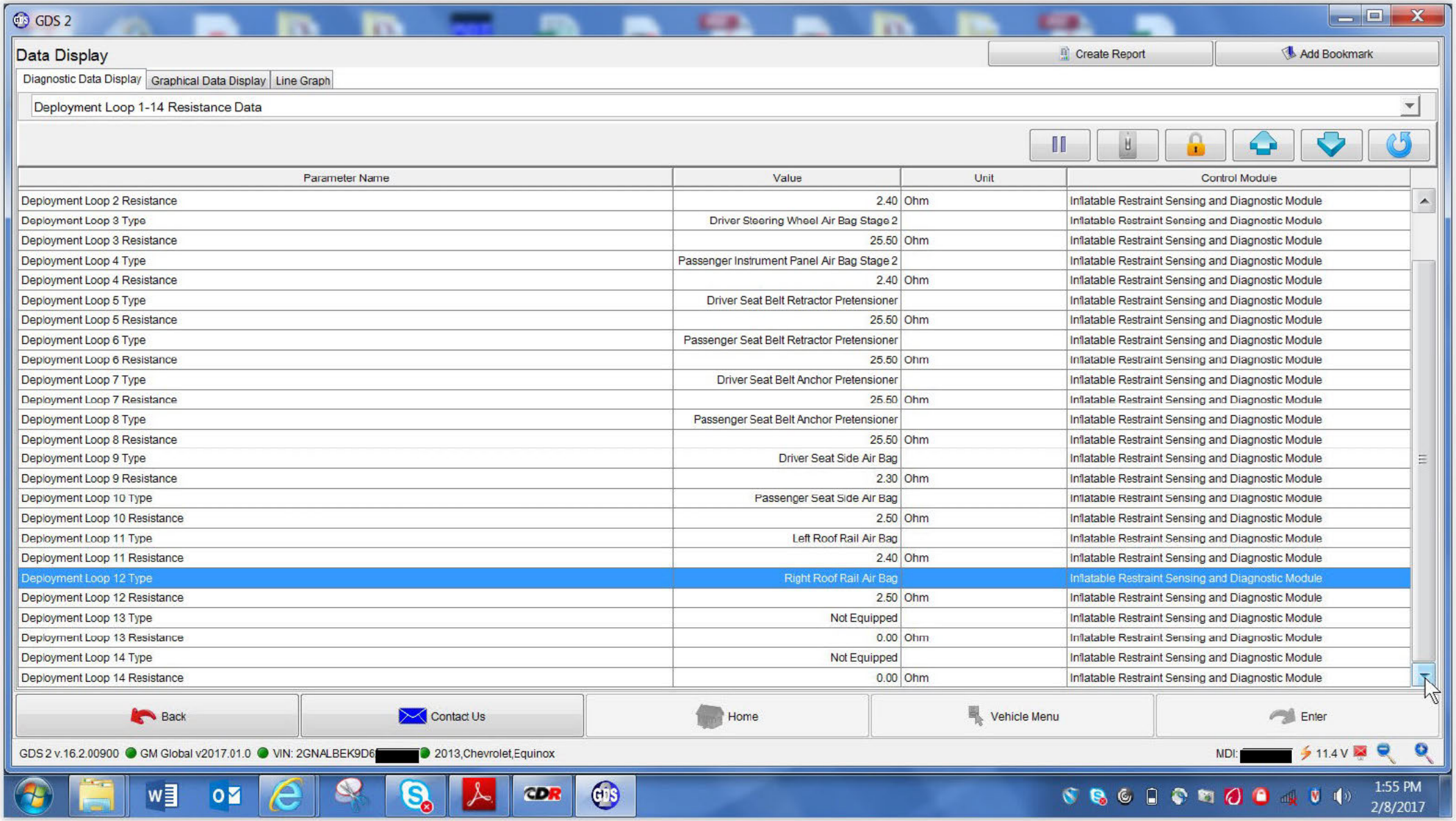
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Parameter Name
Value
Unit
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Deployment Loop 3 Type Driver Steering Wheel Air Bag Stage 2 Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 3 Resistance 25.50 Ohm Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 4 Type Passenger Instrument Panel Air Bag Stage 2 Inflatable Restraint Sensing and Diagnostic Module
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Deployment Loop 5 Type Driver Seat Belt Retractor Pretensioner Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 5 Resistance 25.50 Ohm Inflatable Restraint Sensing and Diagnostic Module
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Deployment Loop 6 Resistance 25.50 Ohm Inflatable Restraint Sensing and Diagnostic Module
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Deployment Loop 8 Resistance 25.50 Ohm Inflatable Restraint Sensing and Diagnostic Module
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Deployment Loop 9 Resistance 2.30 Ohm Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 10 Type Passenger Seat Side Air Bag Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 10 Resistance 2.50 Ohm Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 11 Type Left Roof Rail Air Bag Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 11 Resistance 2.40 Ohm Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 12 Type Right Roof Rail Air Bag Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 12 Resistance 2.50 Ohm Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Type Not Equipped Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Resistance 0.00 Ohm Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Type Not Equipped Inflatable Restraint Sensing and Diagnostic Module
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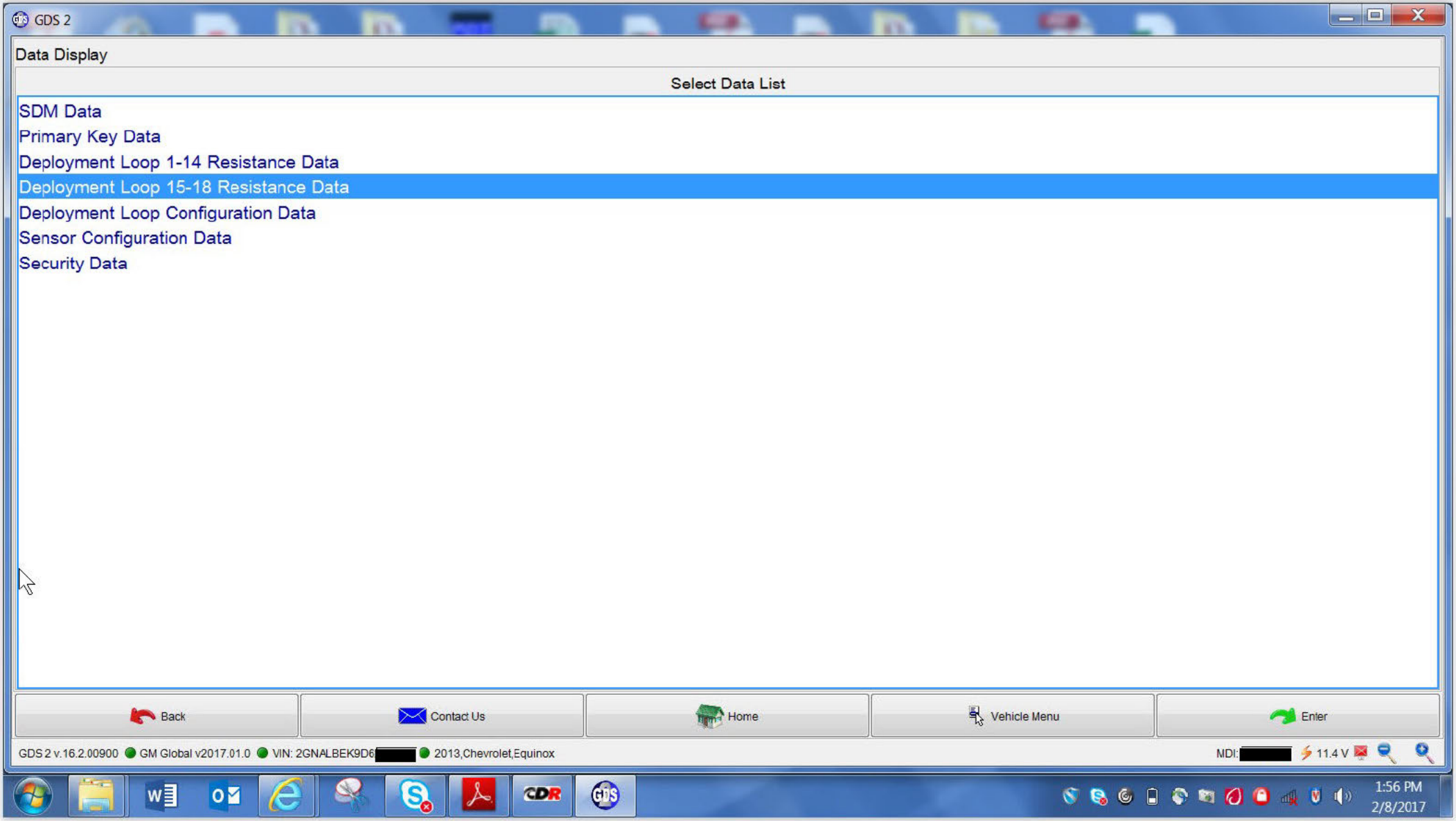
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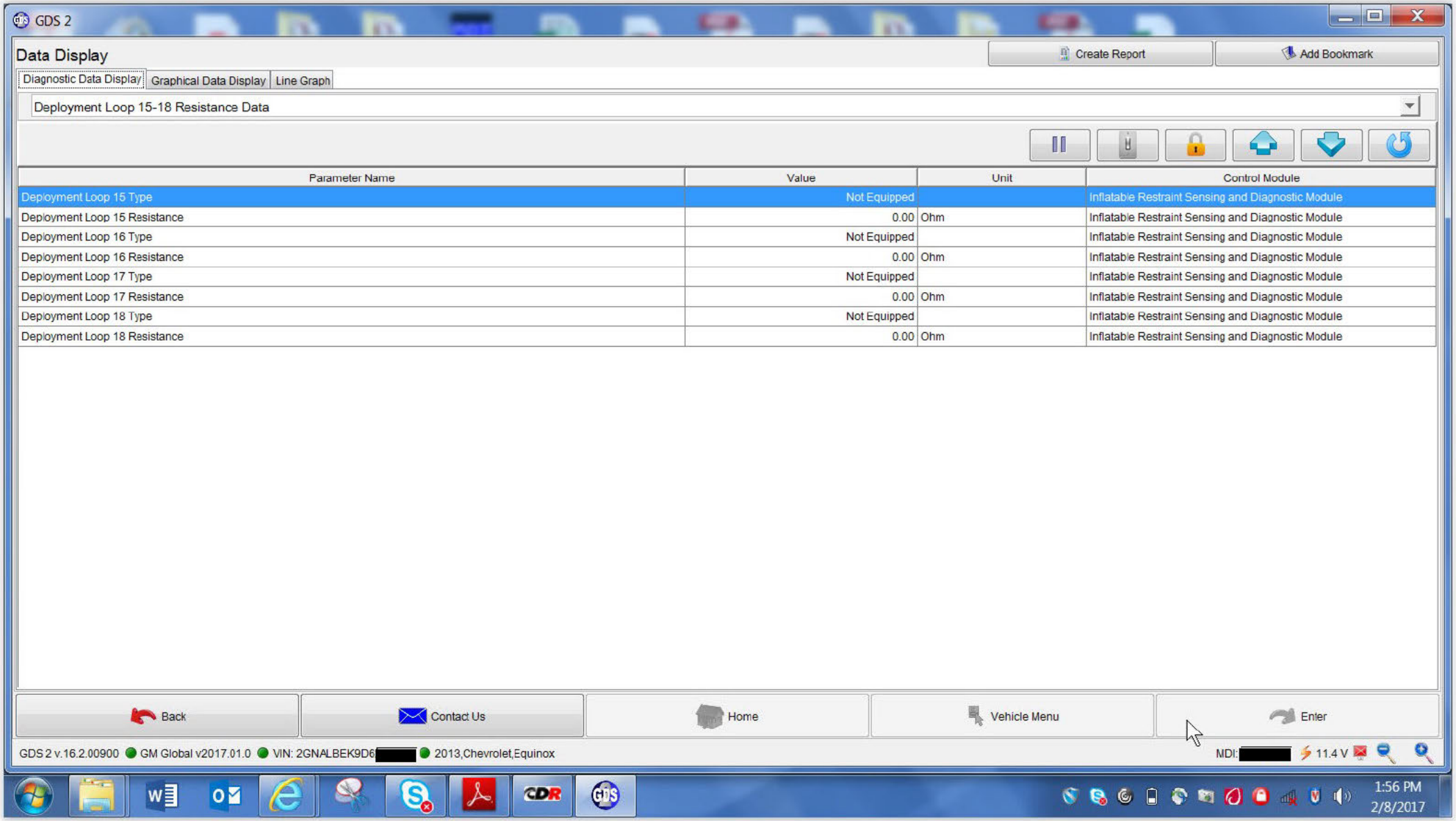
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Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop 15-18 Resistance Data
Parameter Name
Value
Unit
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Not Equipped
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Deployment Loop 15 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 16 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 16 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 17 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 17 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnostic Module
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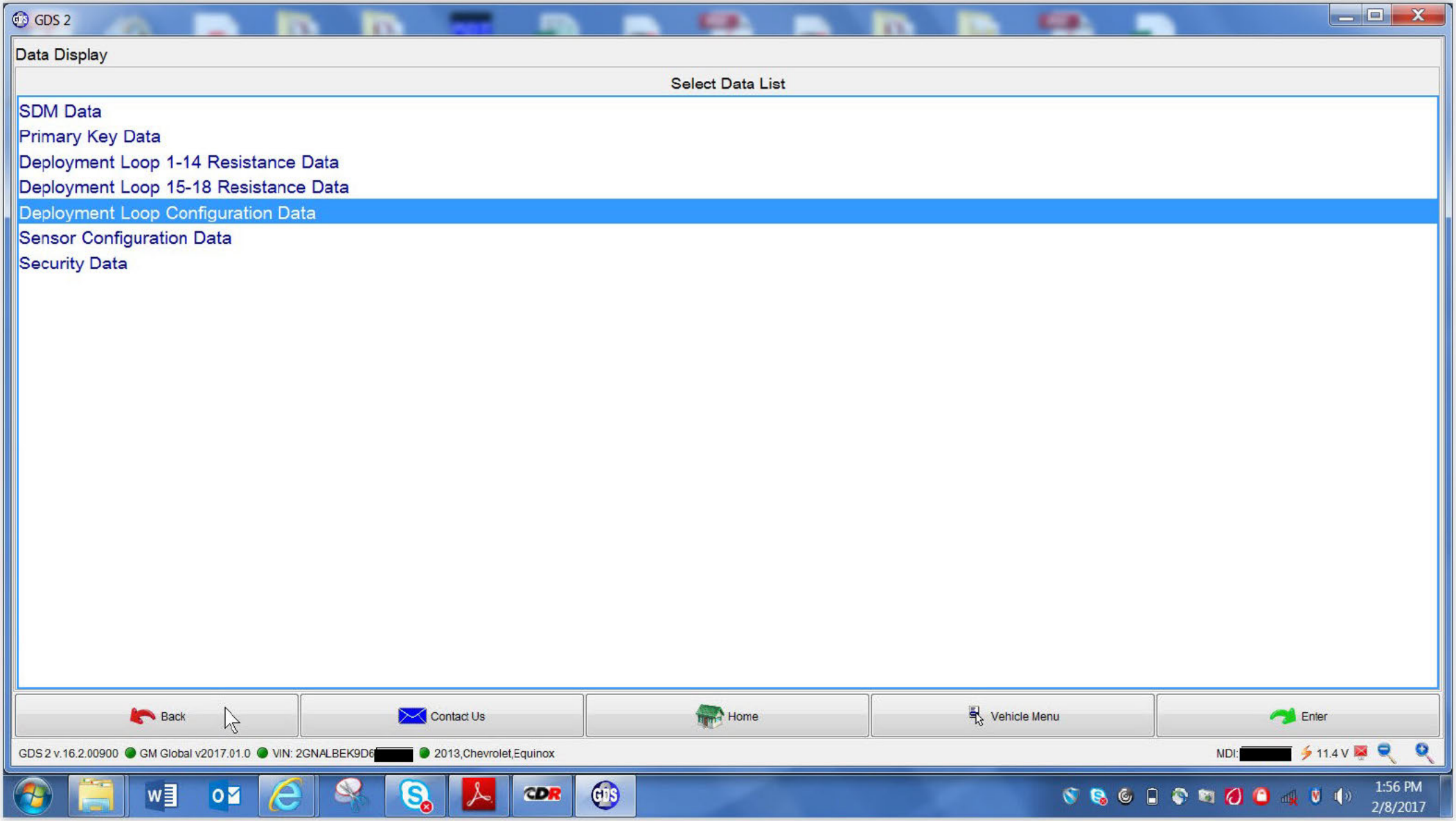
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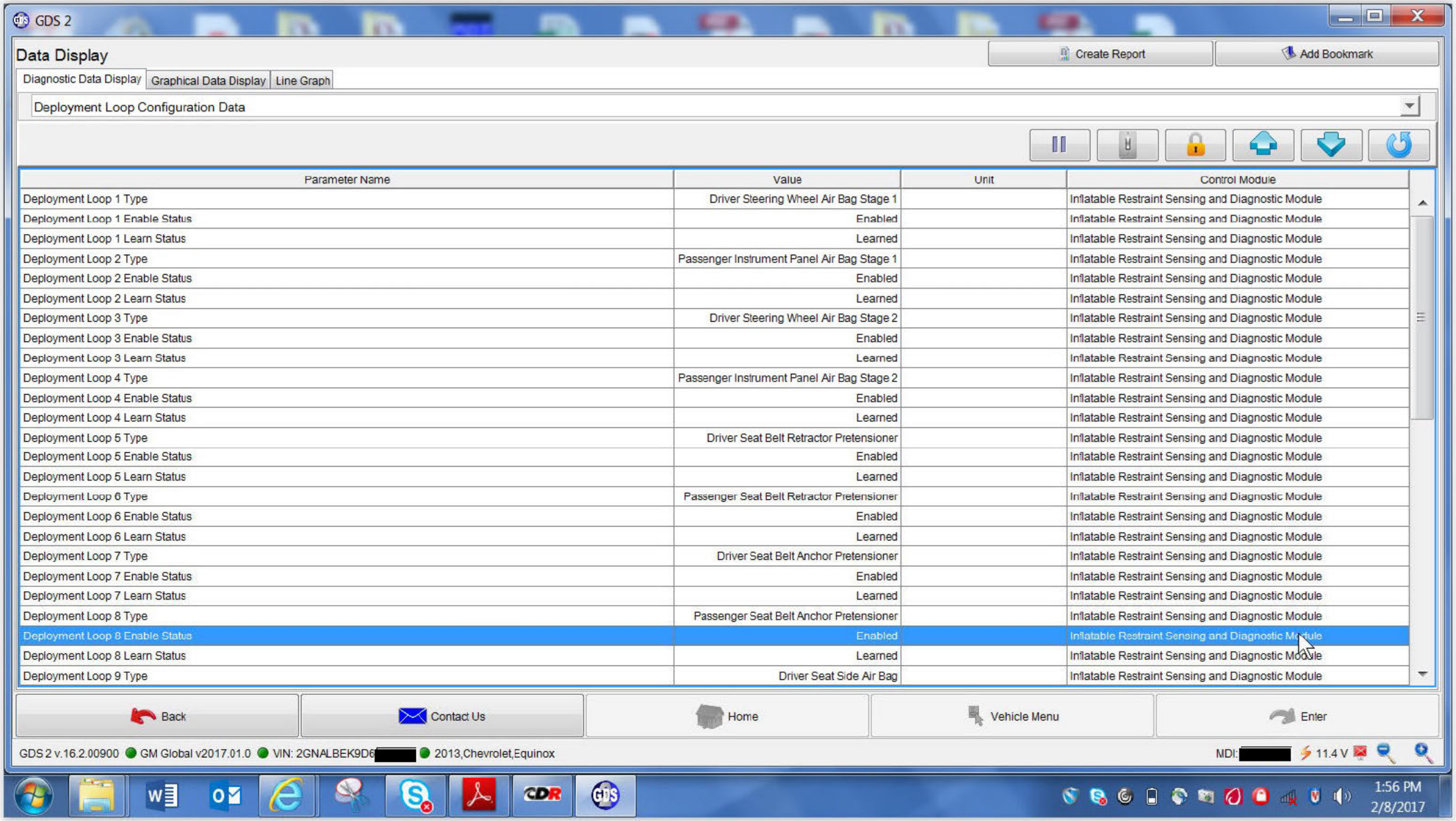
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Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop Configuration Data
Parameter Name
Value
Unit
Control Module
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Driver Steering Wheel Air Bag Stage 1
Deployment Loop 1 Enable Status
Enabled
Deployment Loop 1 Learn Status
Learned
Deployment Loop 2 Type
Passenger Instrument Panel Air Bag Stage 1
Deployment Loop 2 Enable Status
Enabled
Deployment Loop 2 Learn Status
Learned
Deployment Loop 3 Type
Driver Steering Wheel Air Bag Stage 2
Deployment Loop 3 Enable Status
Enabled
Deployment Loop 3 Learn Status
Learned
Deployment Loop 4 Type
Passenger Instrument Panel Air Bag Stage 2
Deployment Loop 4 Enable Status
Enabled
Deployment Loop 4 Learn Status
Learned
Deployment Loop 5 Type
Driver Seat Belt Retractor Pretensioner
Deployment Loop 5 Enable Status
Enabled
Deployment Loop 5 Learn Status
Learned
Deployment Loop 6 Type
Passenger Seat Belt Retractor Pretensioner
Deployment Loop 6 Enable Status
Enabled
Deployment Loop 6 Learn Status
Learned
Deployment Loop 7 Type
Driver Seat Belt Anchor Pretensioner
Deployment Loop 7 Enable Status
Enabled
Deployment Loop 7 Learn Status
Learned
Deployment Loop 8 Type
Passenger Seat Belt Anchor Pretensioner
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Deployment Loop 8 Learn Status
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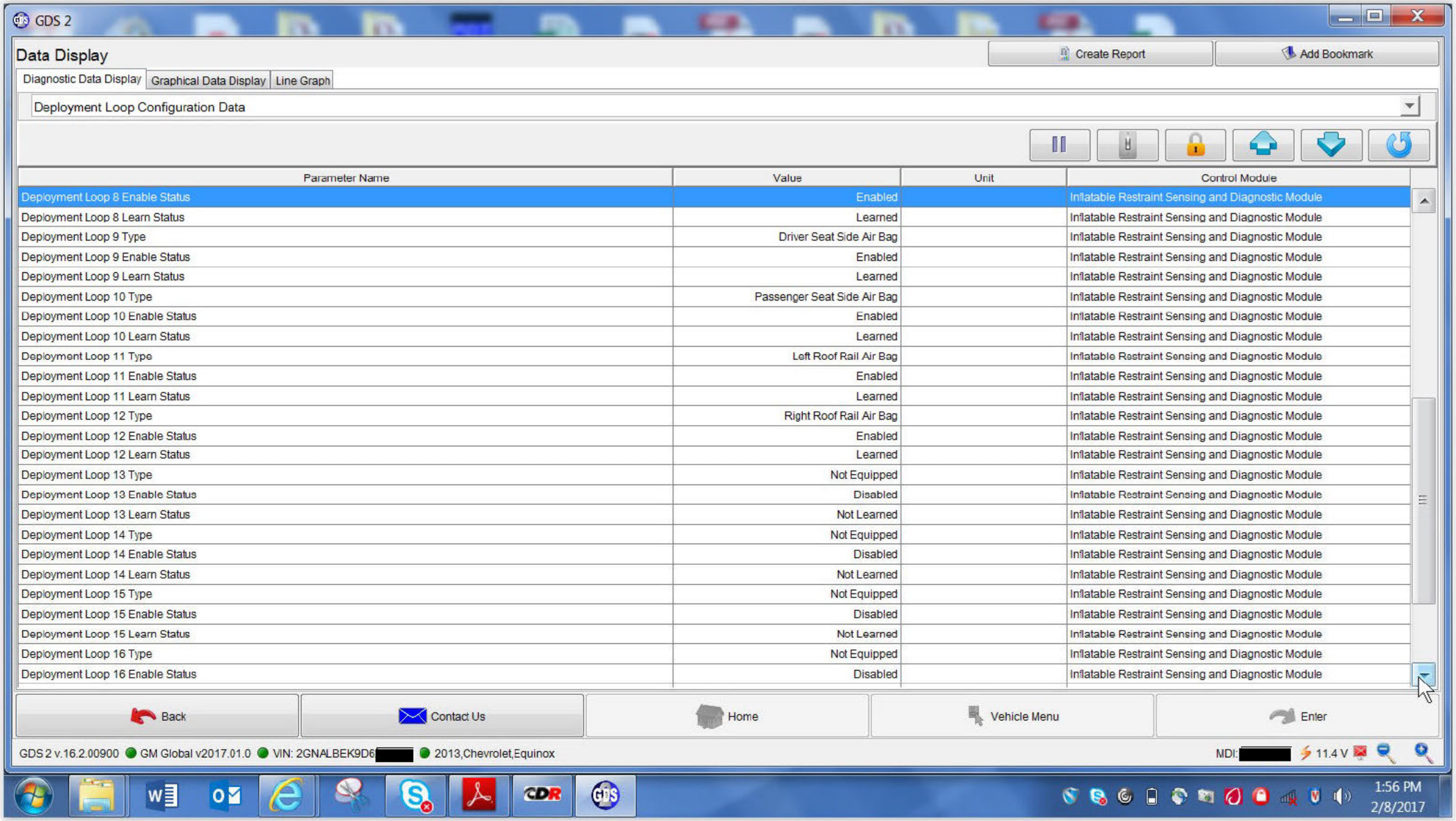
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Value
Unit
Control Module
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Deployment Loop 9 Enable Status
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Inflatable Restraint Sensing and Diagnostic Module
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Deployment Loop 10 Learn Status
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Inflatable Restraint Sensing and Diagnostic Module
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Deployment Loop 11 Learn Status
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Deployment Loop 12 Learn Status
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Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Type
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Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 13 Enable Status
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Deployment Loop 13 Learn Status
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Deployment Loop 14 Type
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Deployment Loop 14 Enable Status
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Deployment Loop 14 Learn Status
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Deployment Loop 15 Type
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Deployment Loop 15 Enable Status
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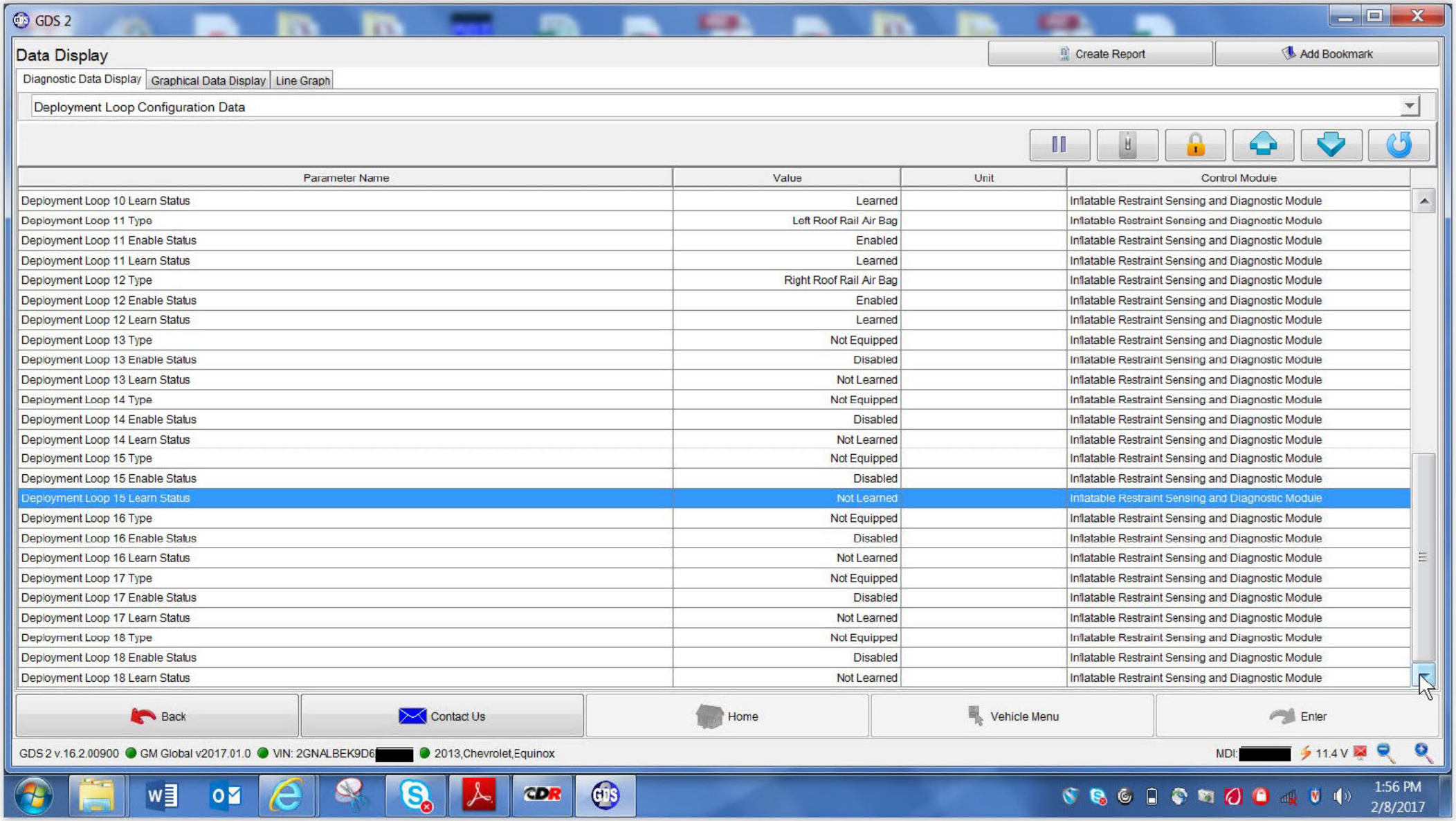
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Graphical Data Display
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Unit
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Deployment Loop 11 Learn Status
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Deployment Loop 13 Type
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Inflatable Restraint Sensing and Diagnostic Module
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Deployment Loop 13 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Enable Status
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Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 14 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 15 Type
Not Equipped
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 15 Enable Status
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Deployment Loop 15 Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Deployment Loop 16 Type
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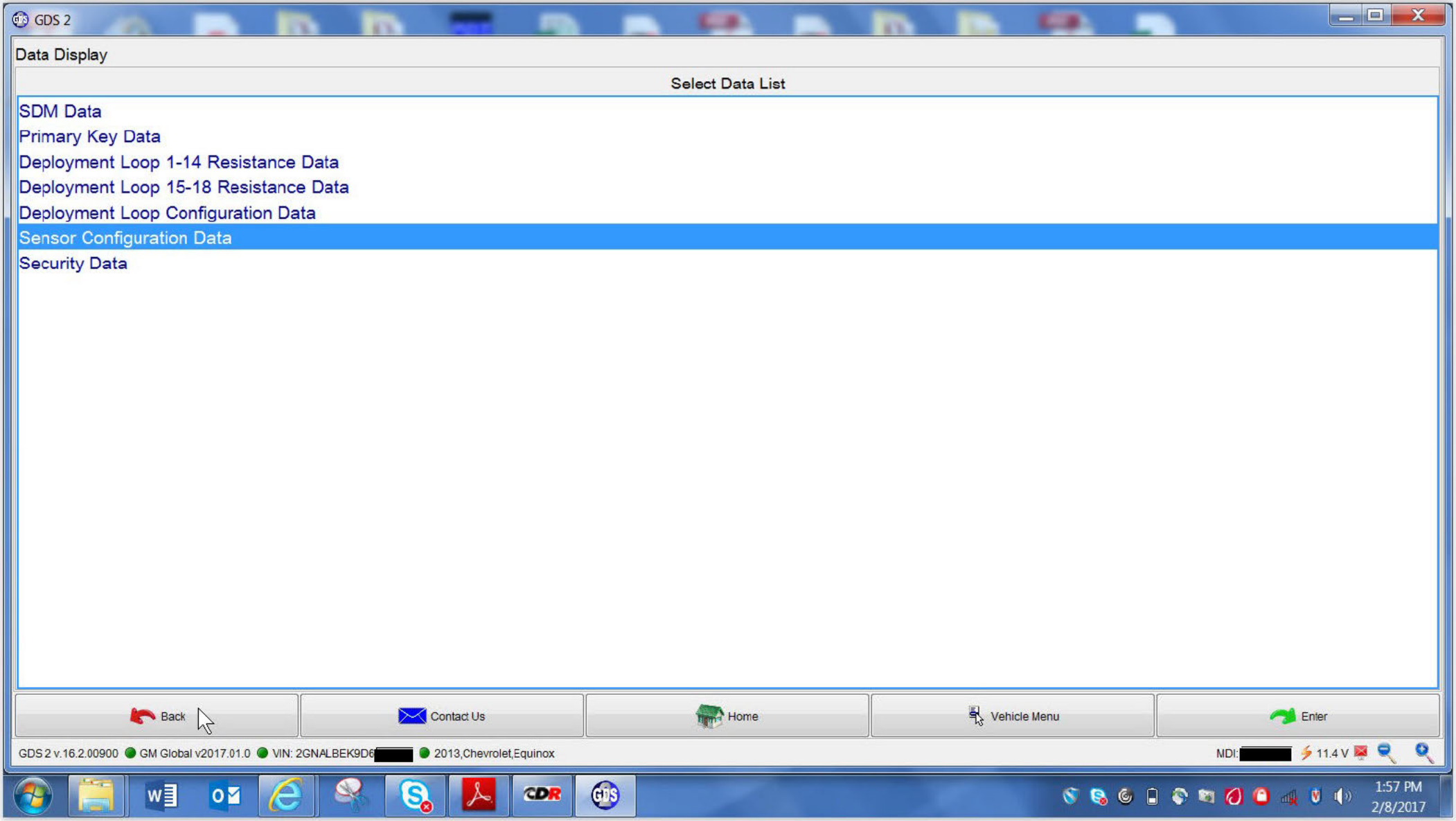
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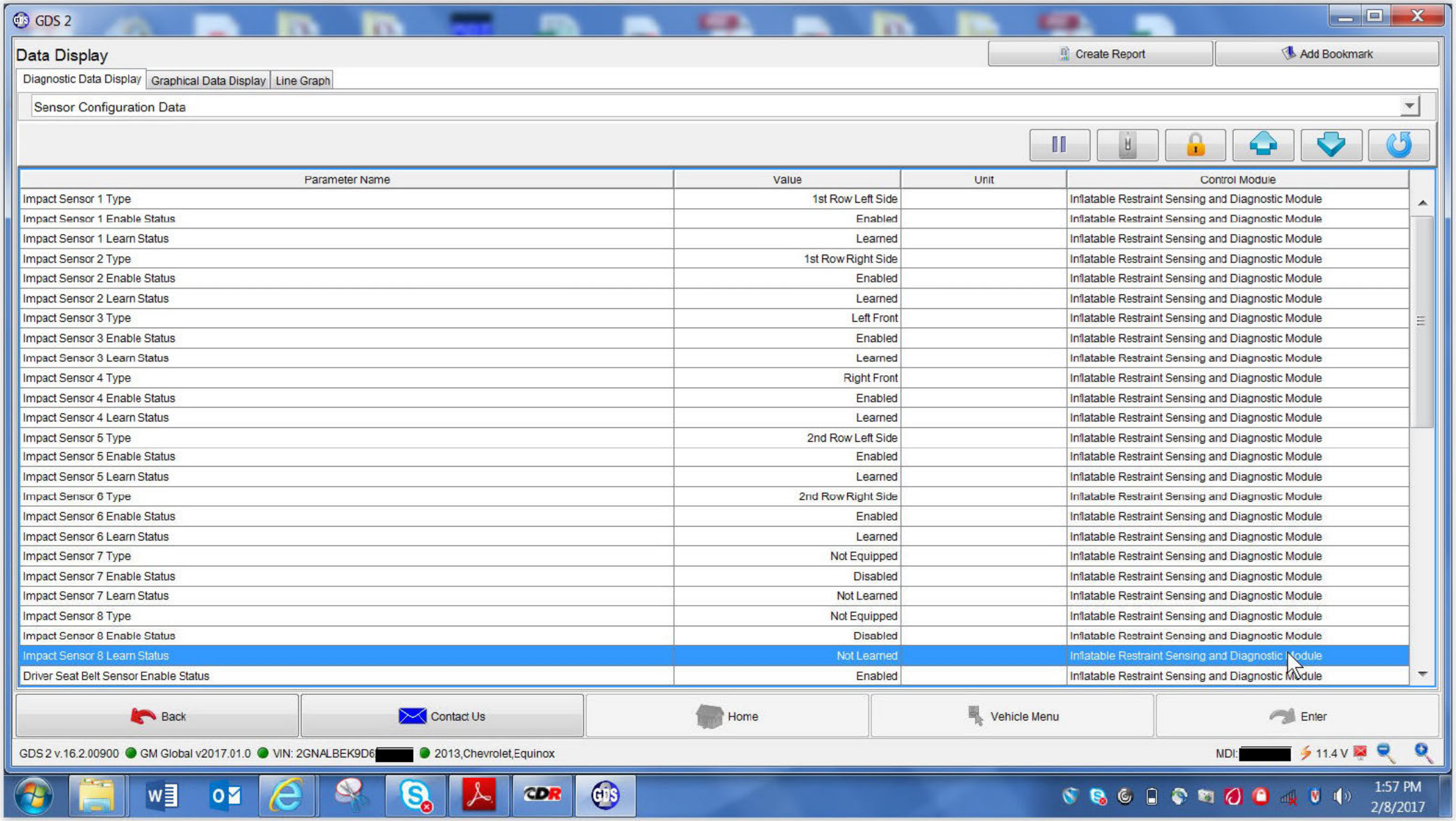
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Unit
Control Module
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1st Row Left Side
Impact Sensor 1 Enable Status
Enabled
Impact Sensor 1 Learn Status
Learned
Impact Sensor 2 Type
1st Row Right Side
Impact Sensor 2 Enable Status
Enabled
Impact Sensor 2 Learn Status
Learned
Impact Sensor 3 Type
Left Front
Impact Sensor 3 Enable Status
Enabled
Impact Sensor 3 Learn Status
Learned
Impact Sensor 4 Type
Right Front
Impact Sensor 4 Enable Status
Enabled
Impact Sensor 4 Learn Status
Learned
Impact Sensor 5 Type
2nd Row Left Side
Impact Sensor 5 Enable Status
Enabled
Impact Sensor 5 Learn Status
Learned
Impact Sensor 6 Type
2nd Row Right Side
Impact Sensor 6 Enable Status
Enabled
Impact Sensor 6 Learn Status
Learned
Impact Sensor 7 Type
Not Equipped
Impact Sensor 7 Enable Status
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Impact Sensor 7 Learn Status
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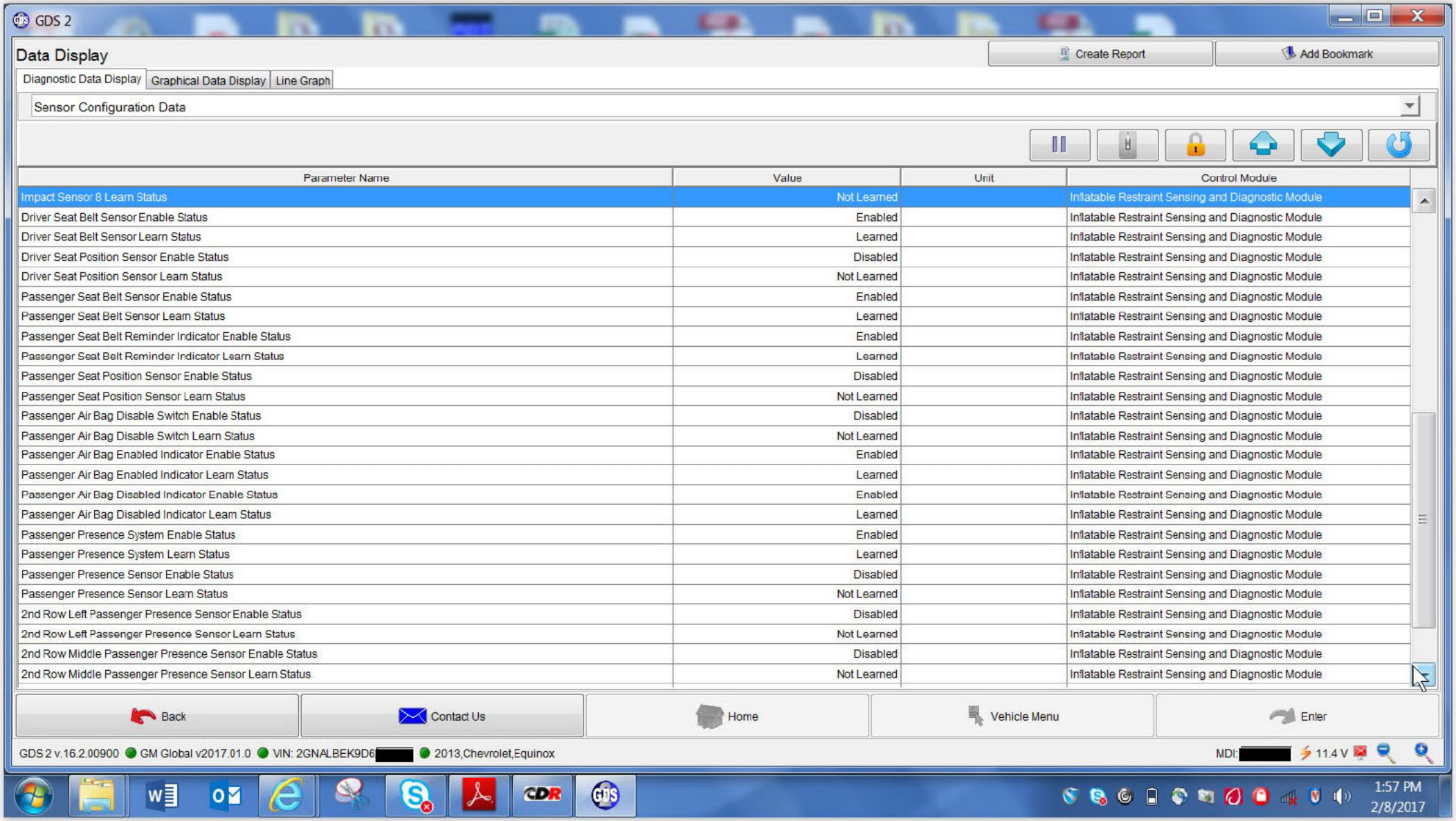
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Driver Seat Position Sensor Learn Status
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Passenger Seat Belt Sensor Enable Status
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Passenger Seat Belt Sensor Learn Status
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Passenger Seat Belt Reminder Indicator Enable Status
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Passenger Seat Belt Reminder Indicator Learn Status
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Passenger Seat Position Sensor Learn Status
Not Learned
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Passenger Air Bag Disable Switch Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
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Passenger Air Bag Enabled Indicator Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disabled Indicator Enable Status
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Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disabled Indicator Learn Status
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Passenger Presence System Learn Status
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Passenger Presence Sensor Enable Status
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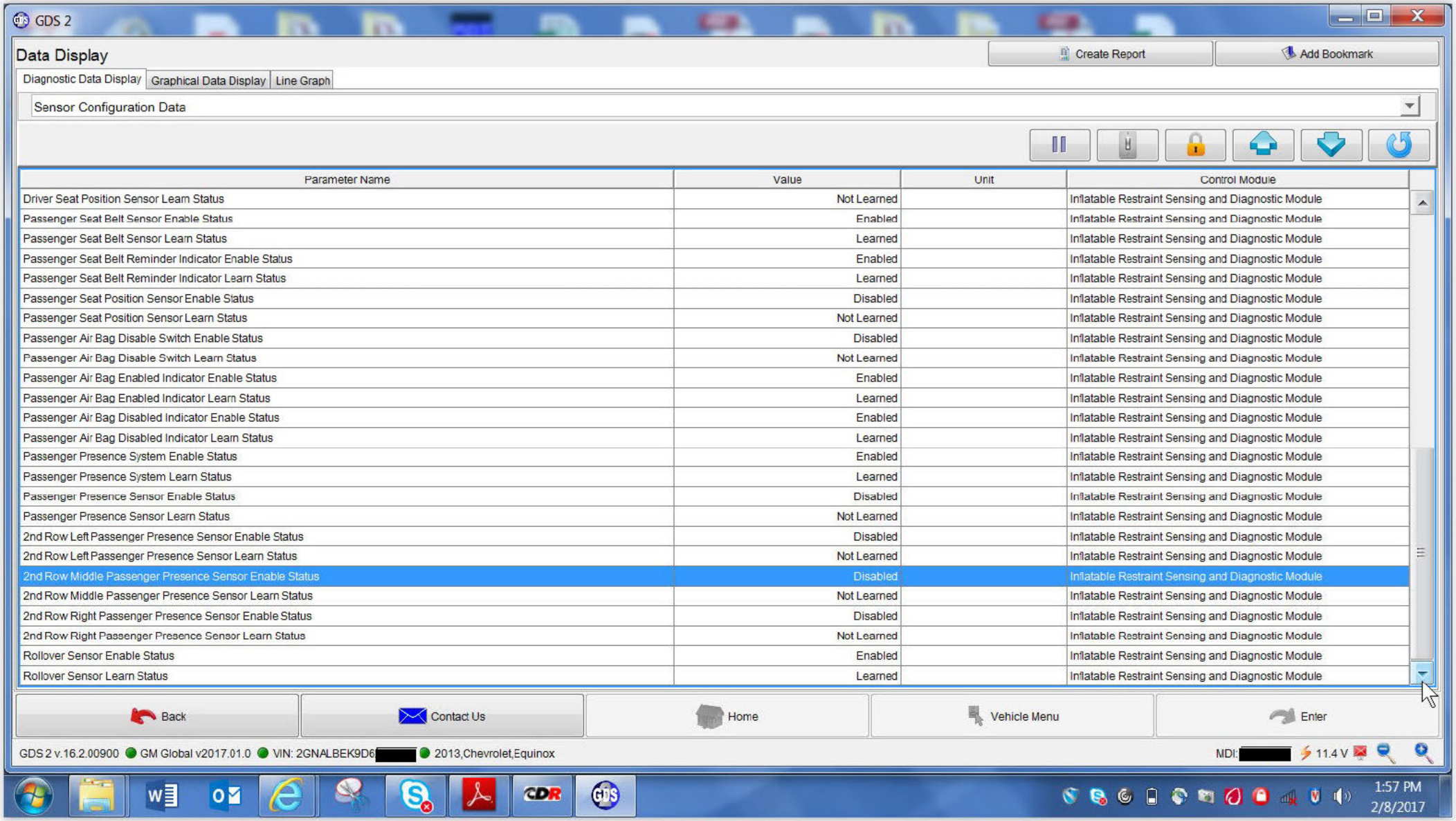
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Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Sensor Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator Enable Status
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Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator Learn Status
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Passenger Seat Position Sensor Enable Status
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Passenger Seat Position Sensor Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disable Switch Enable Status
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Passenger Air Bag Disable Switch Learn Status
Not Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Enabled Indicator Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Enabled Indicator Learn Status
Learned
Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Disabled Indicator Enable Status
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Inflatable Restraint Sensing and Diagnostic Module
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Passenger Presence System Learn Status
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Passenger Presence Sensor Enable Status
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Passenger Presence Sensor Learn Status
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2nd Row Left Passenger Presence Sensor Enable Status
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2nd Row Left Passenger Presence Sensor Learn Status
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2nd Row Middle Passenger Presence Sensor Enable Status
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2nd Row Middle Passenger Presence Sensor Learn Status
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Inflatable Restraint Sensing and Diagnostic Module
2nd Row Right Passenger Presence Sensor Enable Status
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2nd Row Right Passenger Presence Sensor Learn Status
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Inflatable Restraint Sensing and Diagnostic Module
Rollover Sensor Enable Status
Enabled
Inflatable Restraint Sensing and Diagnostic Module
Rollover Sensor Learn Status
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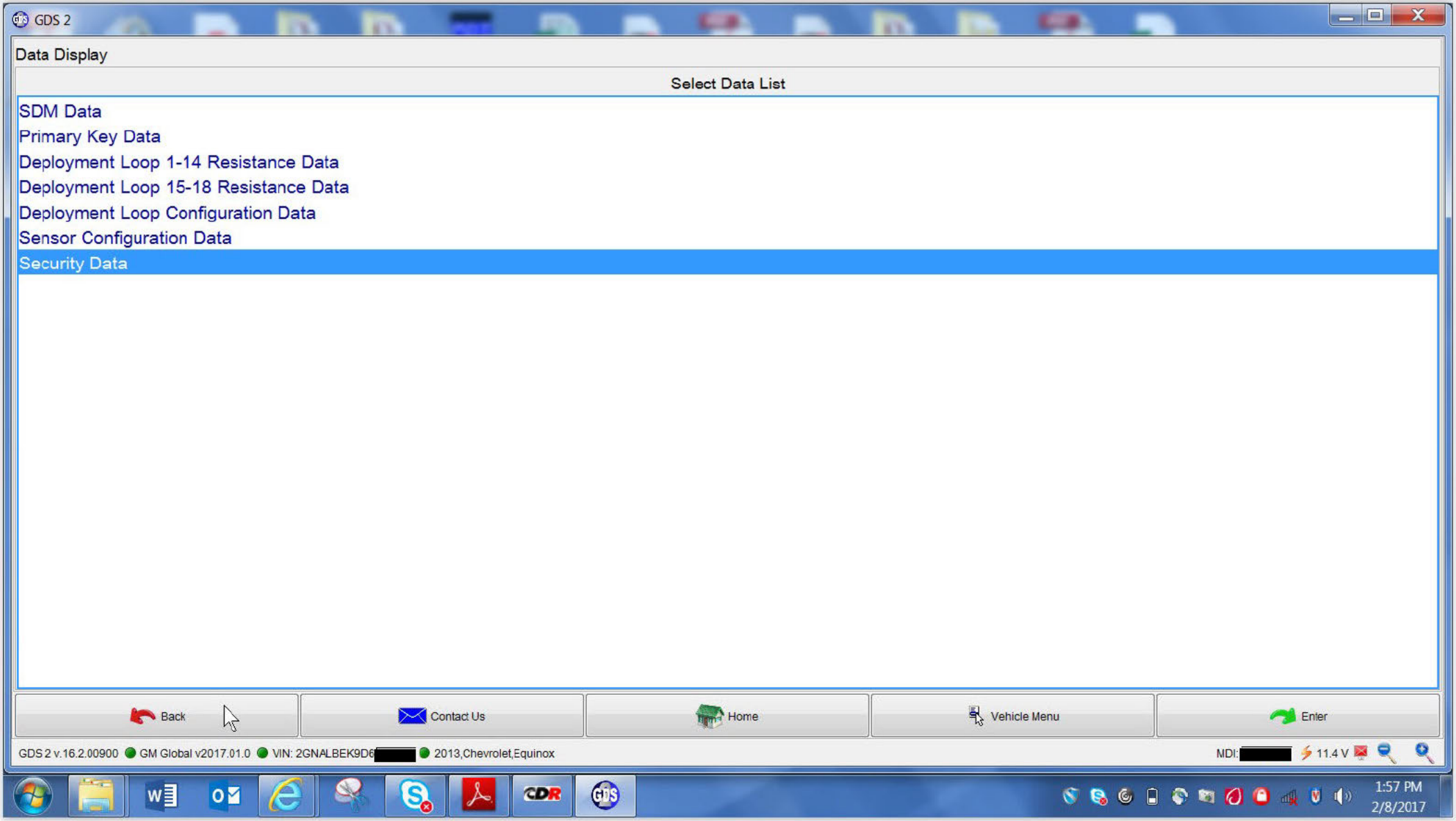
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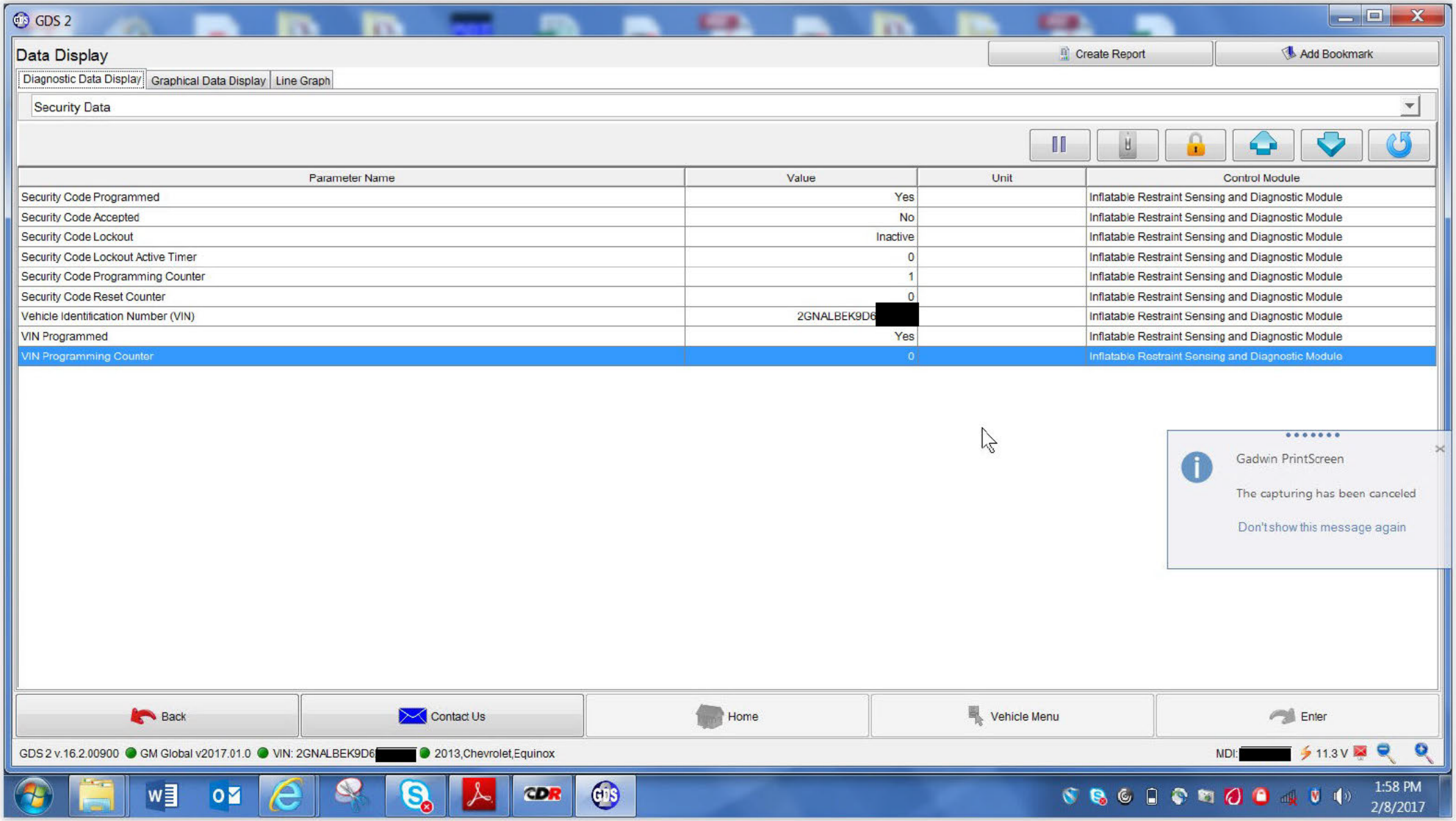
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Graphical Data Display
Line Graph
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Parameter Name
Value
Unit
Control Module
Security Code Programmed
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Inflatable Restraint Sensing and Diagnostic Module
Security Code Accepted
No
Inflatable Restraint Sensing and Diagnostic Module
Security Code Lockout
Inactive
Inflatable Restraint Sensing and Diagnostic Module
Security Code Lockout Active Timer
0
Inflatable Restraint Sensing and Diagnostic Module
Security Code Programming Counter
1
Inflatable Restraint Sensing and Diagnostic Module
Security Code Reset Counter
0
Inflatable Restraint Sensing and Diagnostic Module
Vehicle Identification Number (VIN)
2GNALBEK9D6
Inflatable Restraint Sensing and Diagnostic Module
VIN Programmed
Yes
Inflatable Restraint Sensing and Diagnostic Module
VIN Programming Counter
0
Inflatable Restraint Sensing and Diagnostic Module
Gadwin PrintScreen
The capturing has been canceled
Don't show this message again
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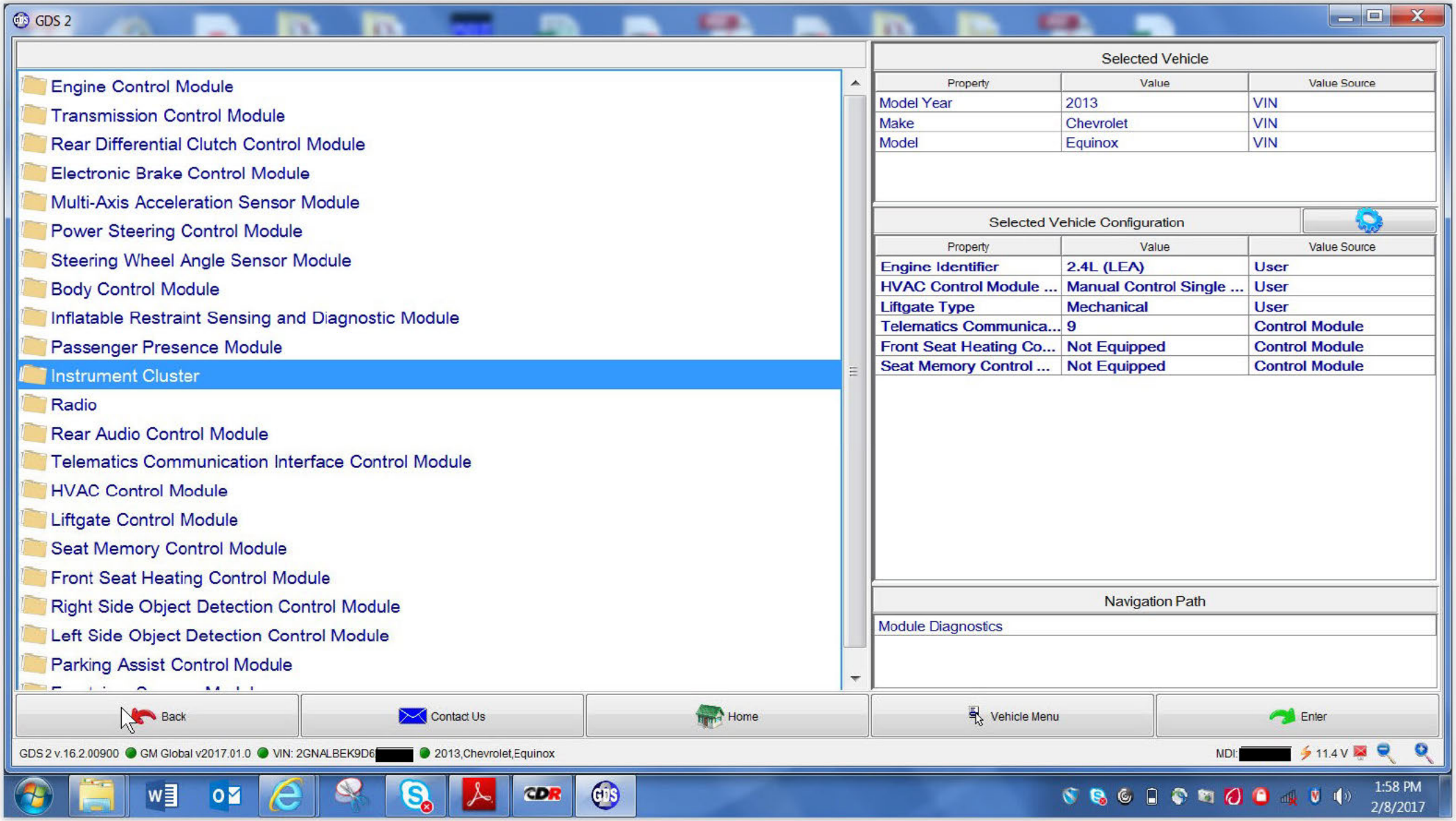
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.3 V
1:58 PM
2/8/2017


GDS 2
Engine Control Module
Transmission Control Module
Rear Differential Clutch Control Module
Electronic Brake Control Module
Multi-Axis Acceleration Sensor Module
Power Steering Control Module
Steering Wheel Angle Sensor Module
Body Control Module
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module
Instrument Cluster
Radio
Rear Audio Control Module
Telematics Communication Interface Control Module
HVAC Control Module
Liftgate Control Module
Seat Memory Control Module
Front Seat Heating Control Module
Right Side Object Detection Control Module
Left Side Object Detection Control Module
Parking Assist Control Module
Selected Vehicle
Property Value Value Source
Model Year 2013 VIN
Make Chevrolet VIN
Model Equinox VIN
Selected Vehicle Configuration
Property Value Value Source
Engine Identifier 2.4L (LEA) User
HVAC Control Module ... Manual Control Single ... User
Liftgate Type Mechanical User
Telematics Communica... 9 Control Module
Front Seat Heating Co... Not Equipped Control Module
Seat Memory Control ... Not Equipped Control Module
Navigation Path
Module Diagnostics
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GDS 2 v.16.2.00900
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2013,Chevrolet,Equinox
MDI:
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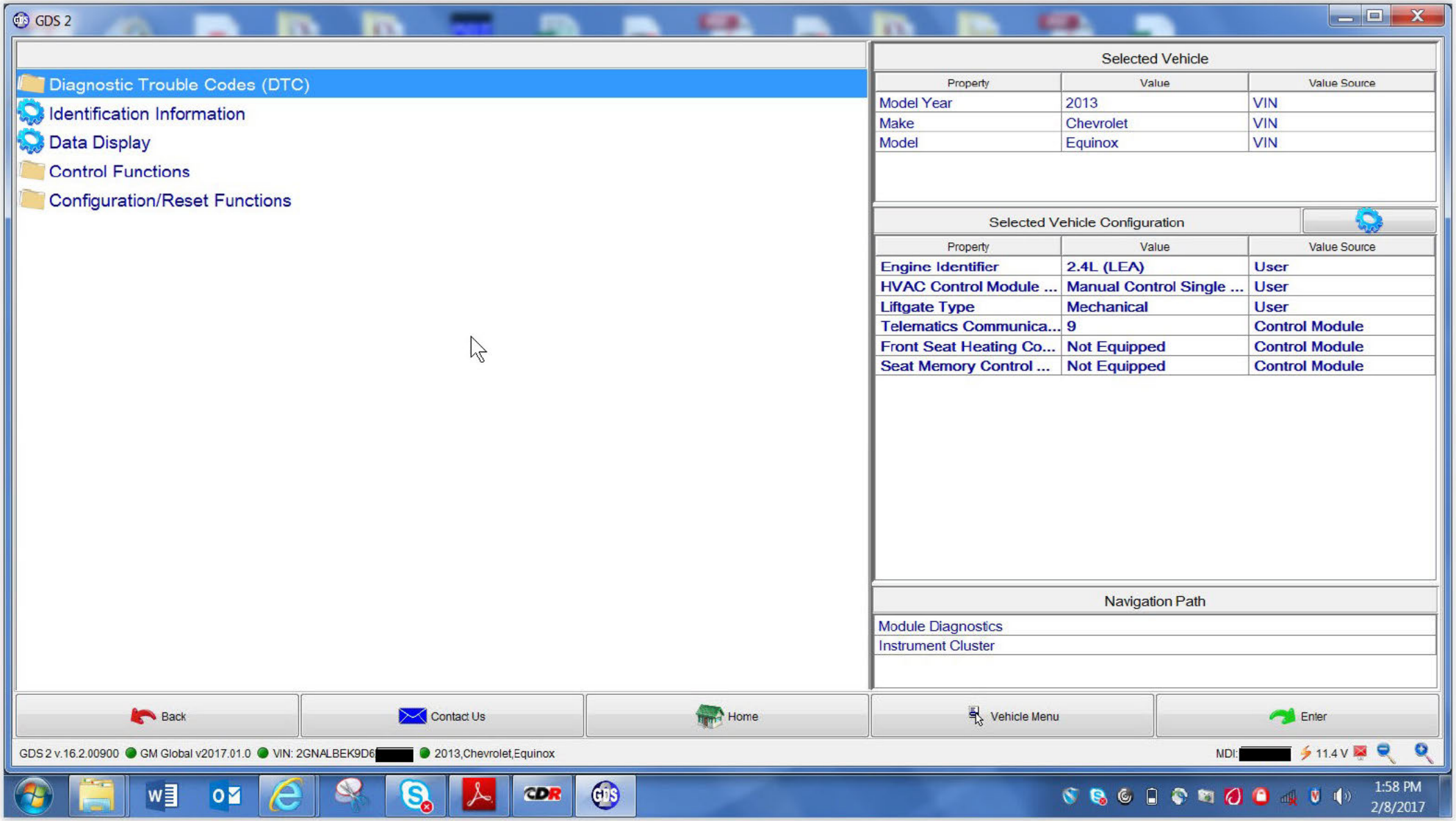
GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
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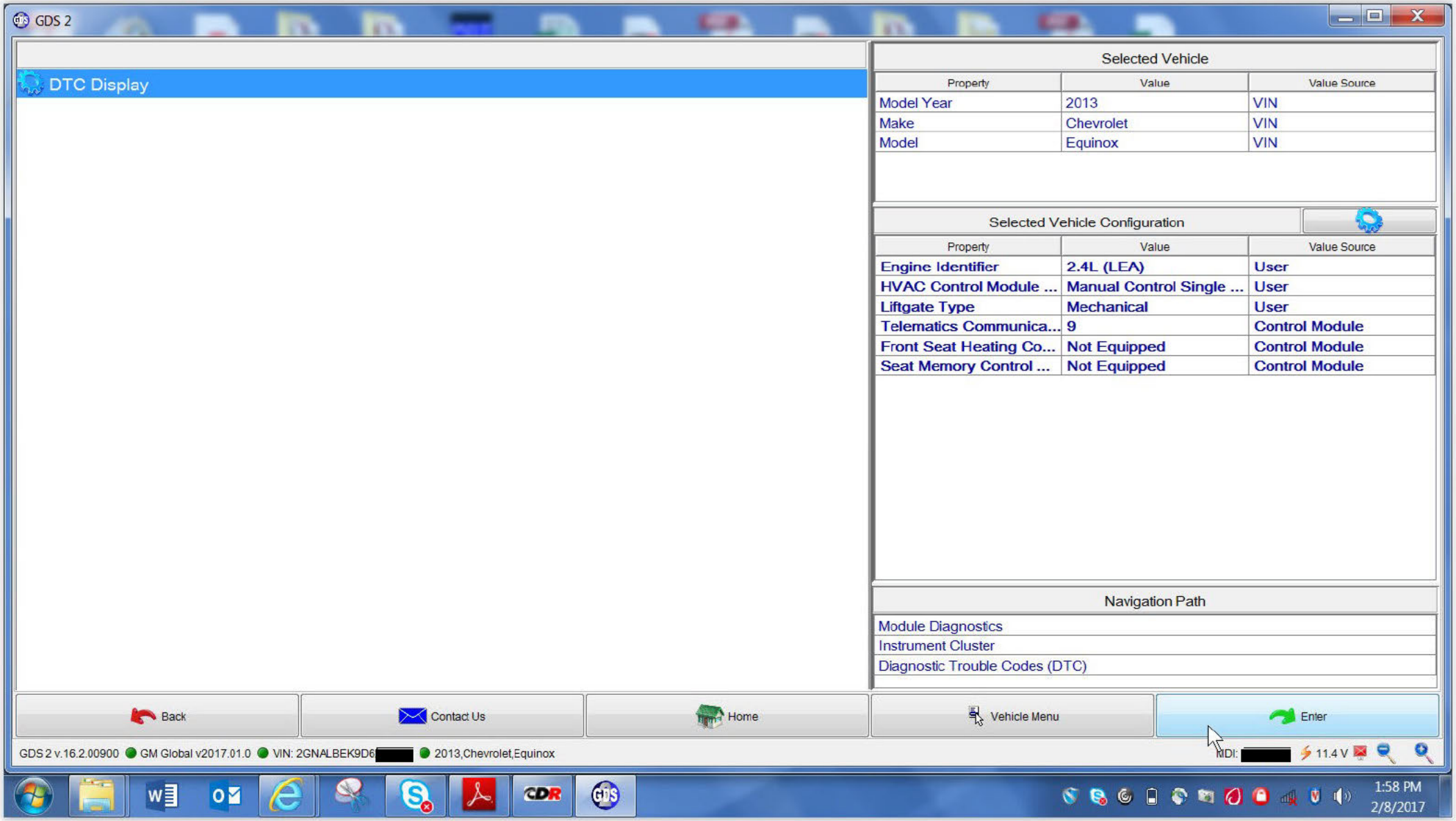
GDS 2
DTC Display
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
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Instrument Cluster
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MDI:
11.4 V
1:58 PM
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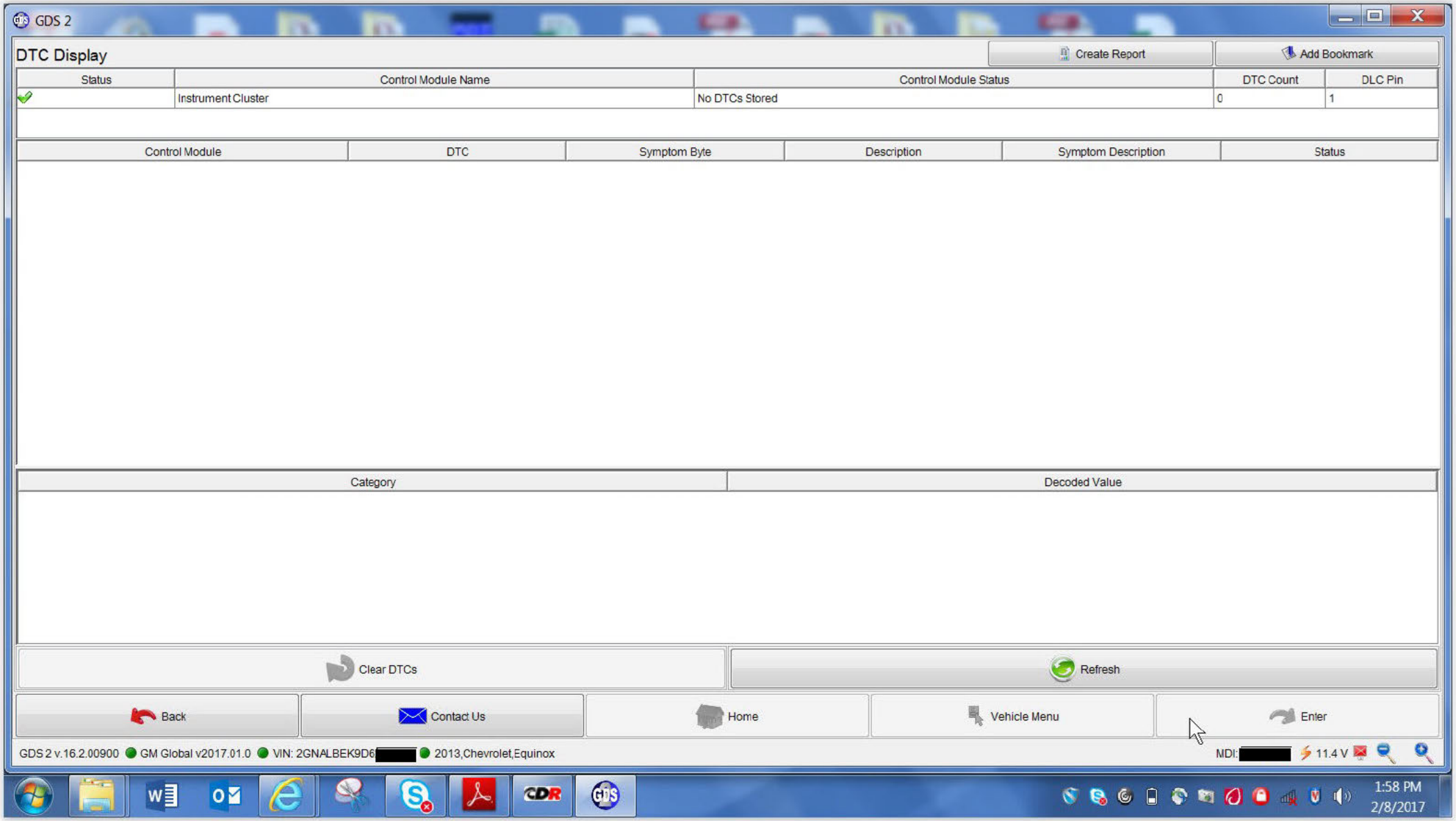
GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Instrument Cluster
No DTCs Stored
0
1
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
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VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.4 V
1:58 PM
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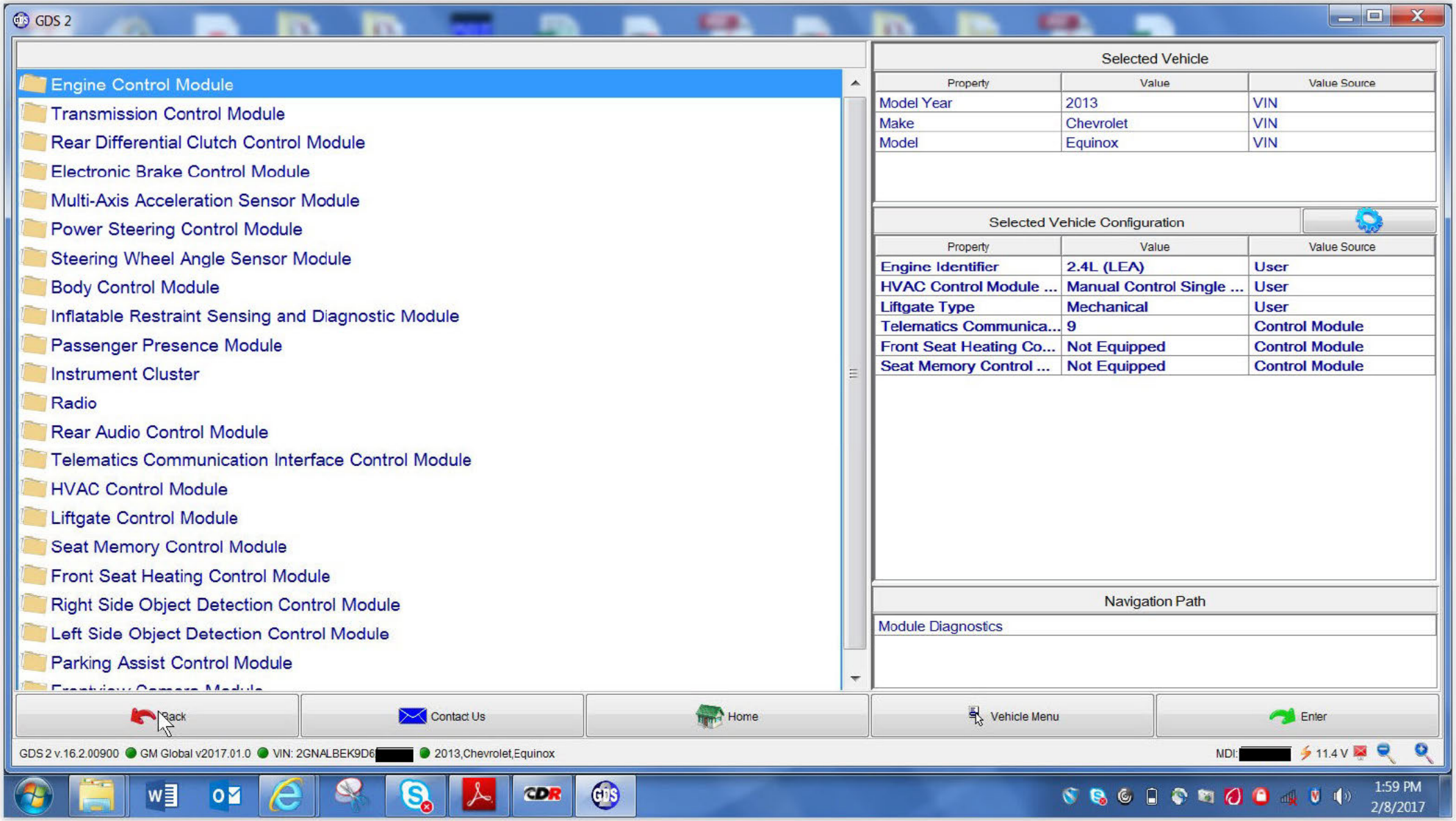
GDS 2
Engine Control Module
Transmission Control Module
Rear Differential Clutch Control Module
Electronic Brake Control Module
Multi-Axis Acceleration Sensor Module
Power Steering Control Module
Steering Wheel Angle Sensor Module
Body Control Module
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module
Instrument Cluster
Radio
Rear Audio Control Module
Telematics Communication Interface Control Module
HVAC Control Module
Liftgate Control Module
Seat Memory Control Module
Front Seat Heating Control Module
Right Side Object Detection Control Module
Left Side Object Detection Control Module
Parking Assist Control Module
Selected Vehicle
Property Value Value Source
Model Year 2013 VIN
Make Chevrolet VIN
Model Equinox VIN
Selected Vehicle Configuration
Property Value Value Source
Engine Identifier 2.4L (LEA) User
HVAC Control Module ... Manual Control Single ... User
Liftgate Type Mechanical User
Telematics Communica... 9 Control Module
Front Seat Heating Co... Not Equipped Control Module
Seat Memory Control ... Not Equipped Control Module
Navigation Path
Module Diagnostics
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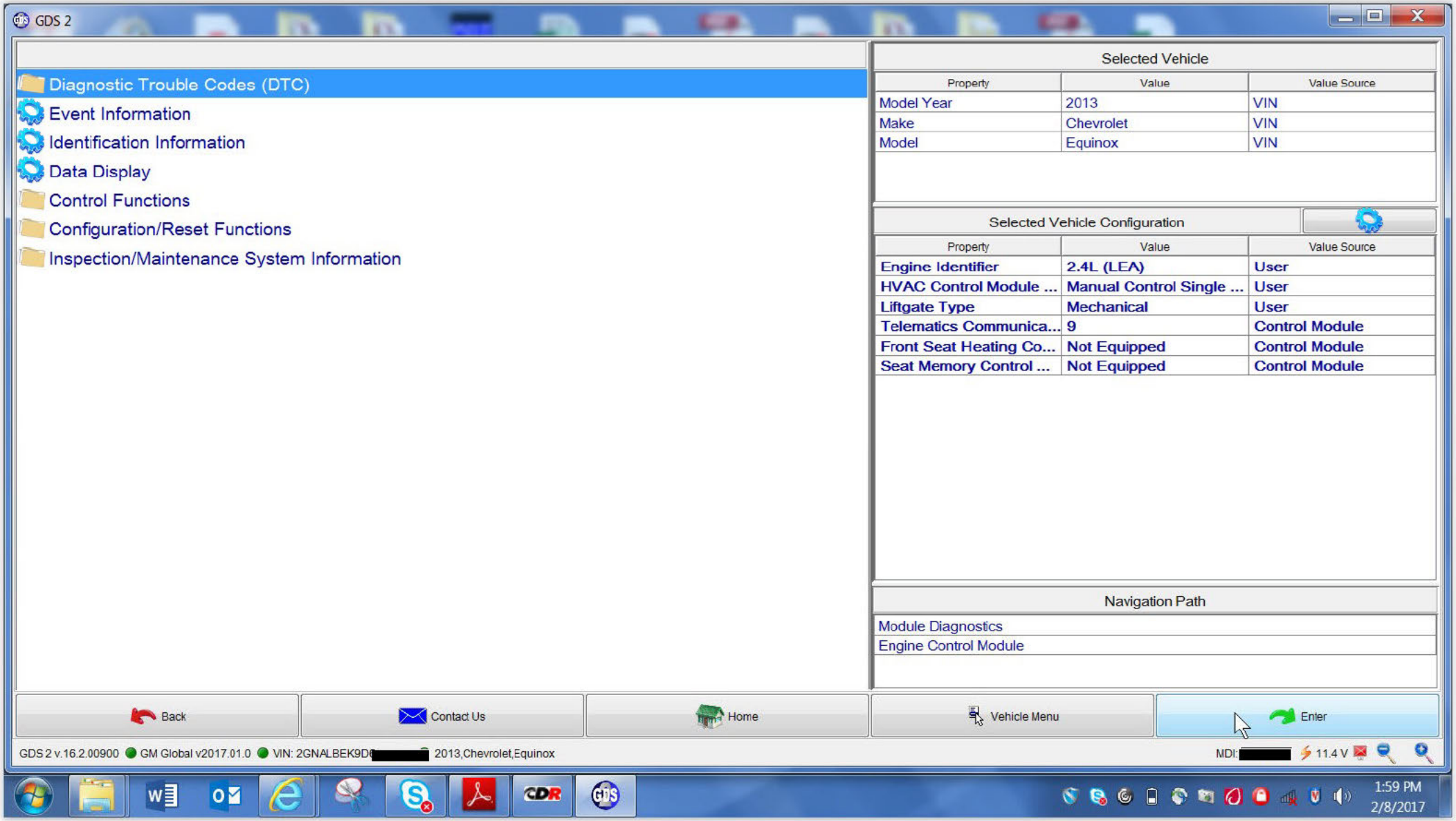
GDS 2 v.16.2.00900 GM Global v2017.01.0 VIN: 2GNALBEK9D6 2013,Chevrolet,Equinox
MDI: 11.4 V
1:59 PM
2/8/2017


GDS 2
Diagnostic Trouble Codes (DTC)
Event Information
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Inspection/Maintenance System Information
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
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Engine Control Module
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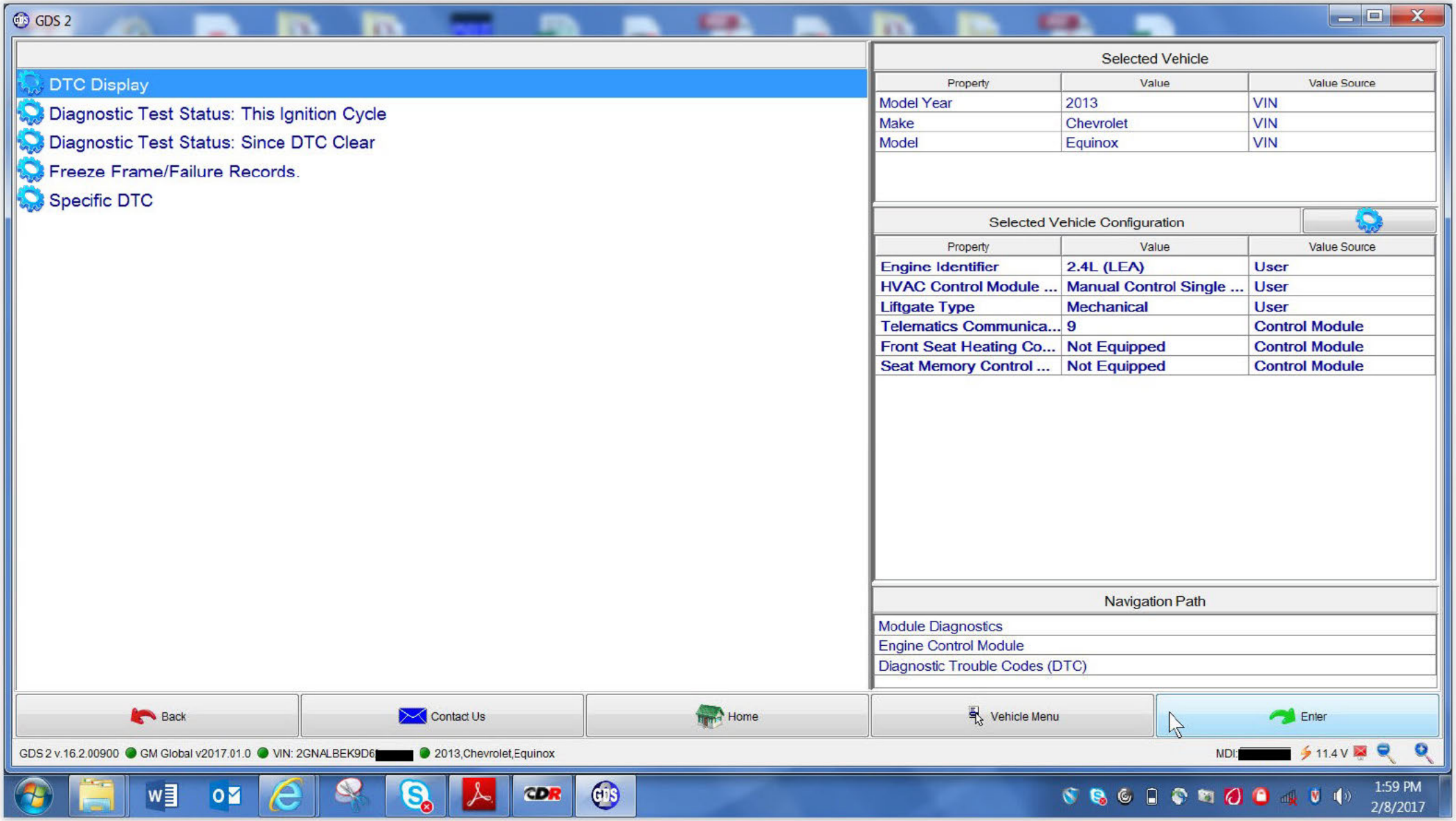
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D
2013,Chevrolet,Equinox
MDI:
11.4 V
1:59 PM
2/8/2017


GDS 2
DTC Display
Diagnostic Test Status: This Ignition Cycle
Diagnostic Test Status: Since DTC Clear
Freeze Frame/Failure Records.
Specific DTC
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
Navigation Path
Module Diagnostics
Engine Control Module
Diagnostic Trouble Codes (DTC)
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GDS 2 v.16.2.00900
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VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.4 V
1:59 PM
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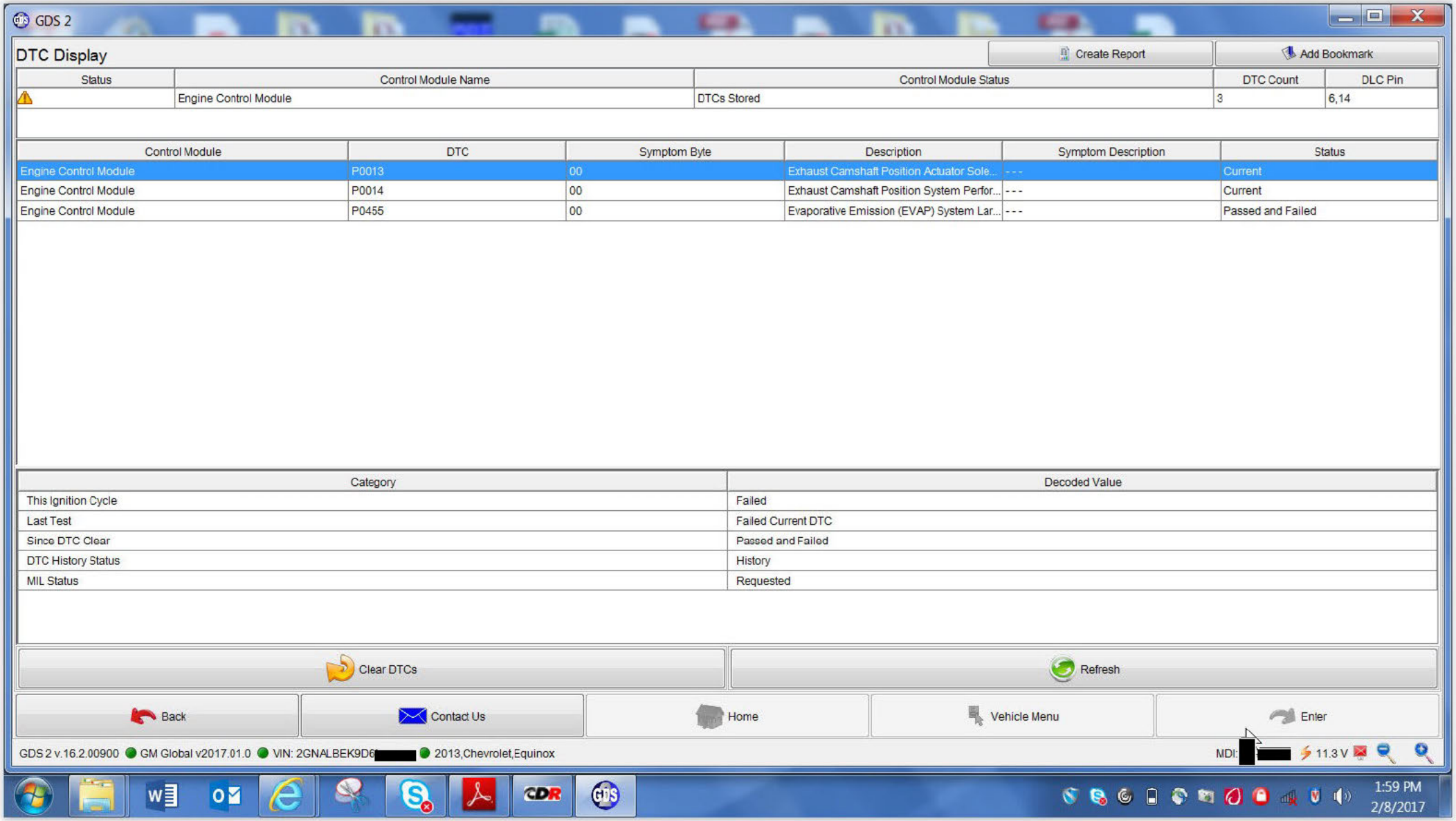
GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Engine Control Module
DTCs Stored
3
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Engine Control Module
P0013
00
Exhaust Camshaft Position Actuator Sole...
- - -
Current
Engine Control Module
P0014
00
Exhaust Camshaft Position System Perfor...
- - -
Current
Engine Control Module
P0455
00
Evaporative Emission (EVAP) System Lar...
- - -
Passed and Failed
Category
Decoded Value
This Ignition Cycle
Failed
Last Test
Failed Current DTC
Since DTC Clear
Passed and Failed
DTC History Status
History
MIL Status
Requested
Clear DTCs
Refresh
Back
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Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.3 V
1:59 PM
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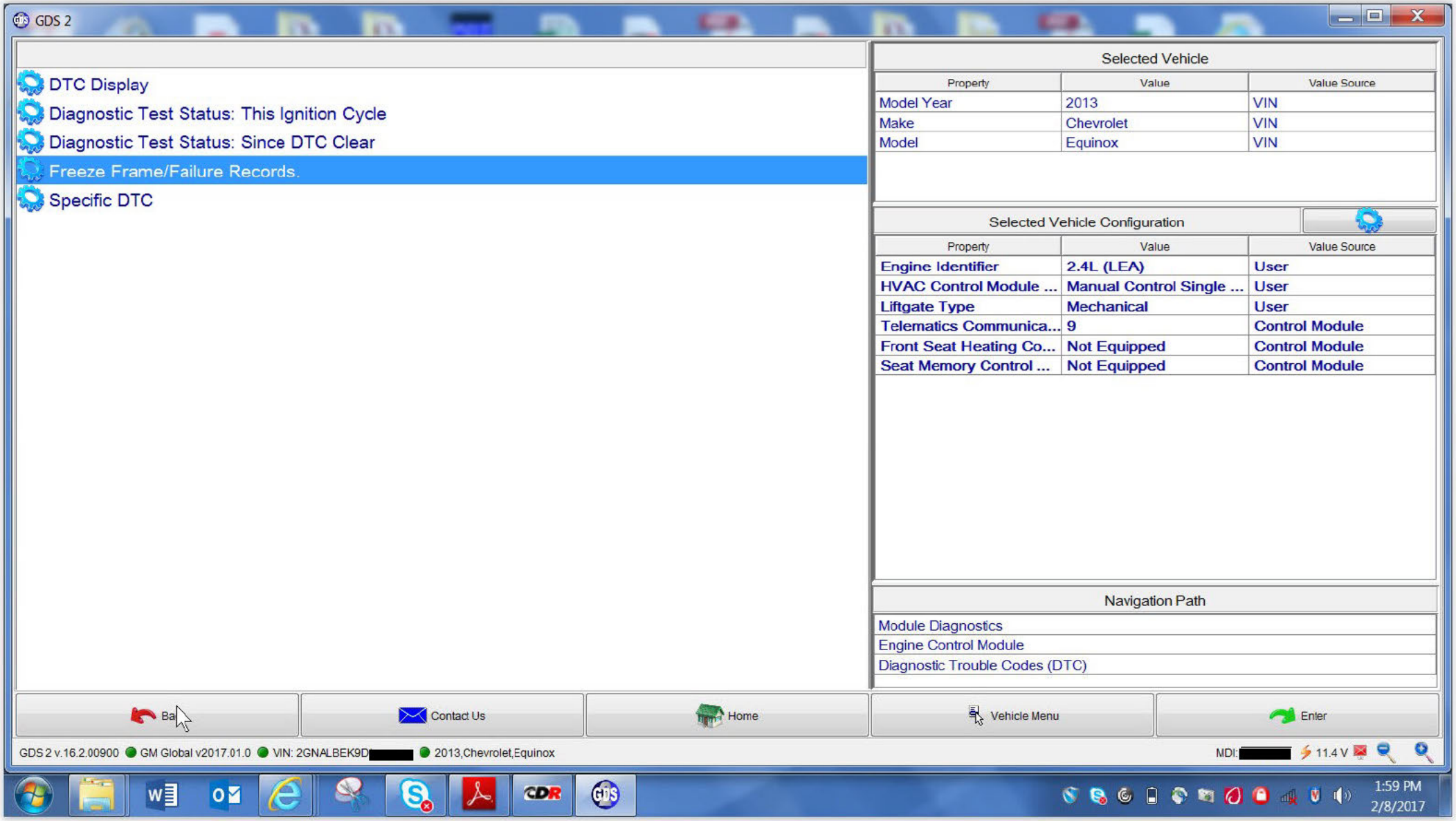
GDS 2
DTC Display
Diagnostic Test Status: This Ignition Cycle
Diagnostic Test Status: Since DTC Clear
Freeze Frame/Failure Records.
Specific DTC
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
Navigation Path
Module Diagnostics
Engine Control Module
Diagnostic Trouble Codes (DTC)
Ba
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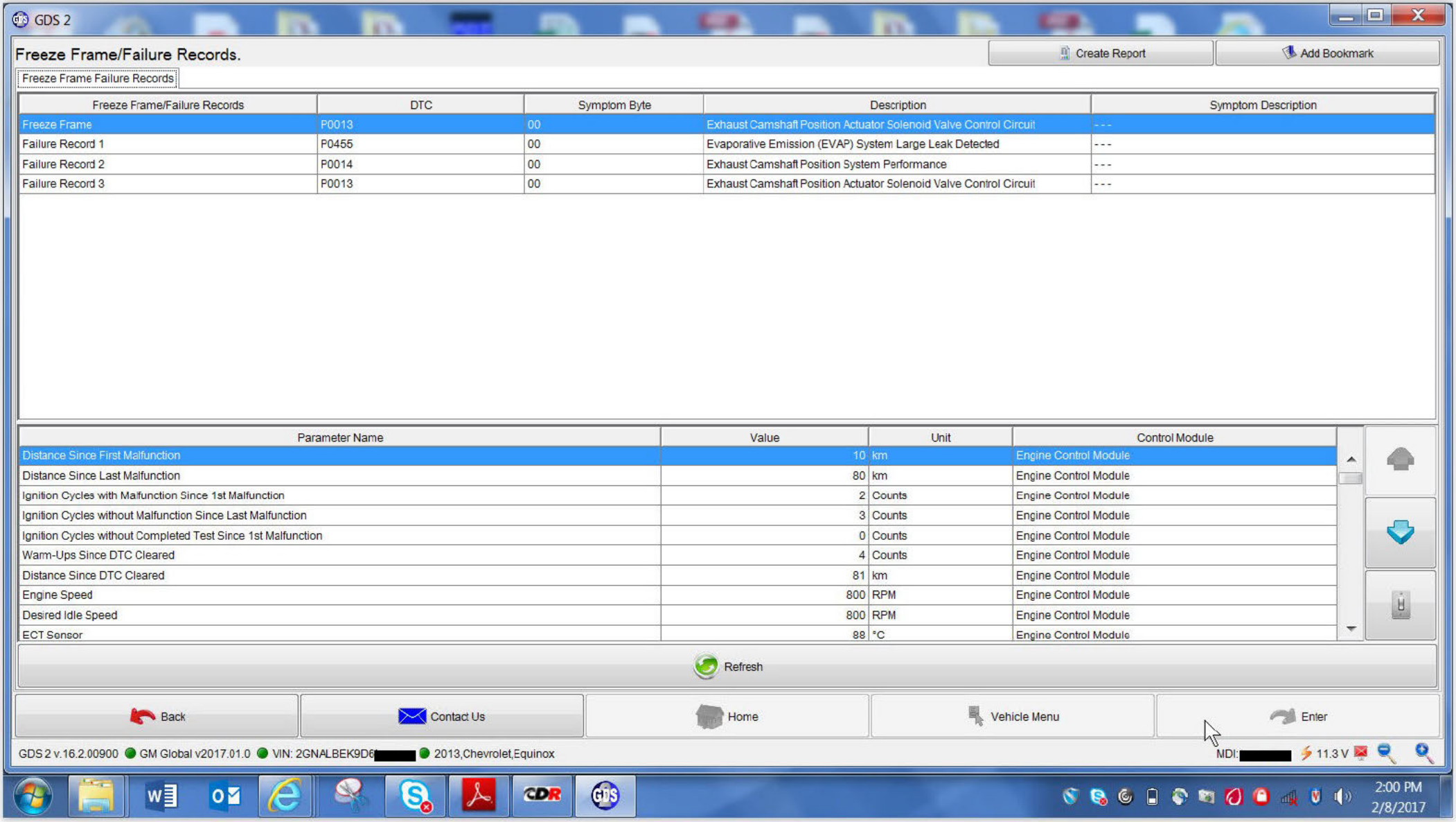
Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D
2013,Chevrolet,Equinox
MDI:
11.4 V
1:59 PM
2/8/2017


GDS 2
Freeze Frame/Failure Records.
Create Report
Add Bookmark
Freeze Frame Failure Records
Freeze Frame/Failure Records | DTC | Symptom Byte | Description | Symptom Description
Freeze Frame | P0013 | 00 | Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit | ---
Failure Record 1 | P0455 | 00 | Evaporative Emission (EVAP) System Large Leak Detected | ---
Failure Record 2 | P0014 | 00 | Exhaust Camshaft Position System Performance | ---
Failure Record 3 | P0013 | 00 | Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit | ---
Parameter Name | Value | Unit | Control Module
Distance Since First Malfunction | 10 | km | Engine Control Module
Distance Since Last Malfunction | 80 | km | Engine Control Module
Ignition Cycles with Malfunction Since 1st Malfunction | 2 | Counts | Engine Control Module
Ignition Cycles without Malfunction Since Last Malfunction | 3 | Counts | Engine Control Module
Ignition Cycles without Completed Test Since 1st Malfunction | 0 | Counts | Engine Control Module
Warm-Ups Since DTC Cleared | 4 | Counts | Engine Control Module
Distance Since DTC Cleared | 81 | km | Engine Control Module
Engine Speed | 800 | RPM | Engine Control Module
Desired Idle Speed | 800 | RPM | Engine Control Module
ECT Sensor | 88 | °C | Engine Control Module
Refresh
Back
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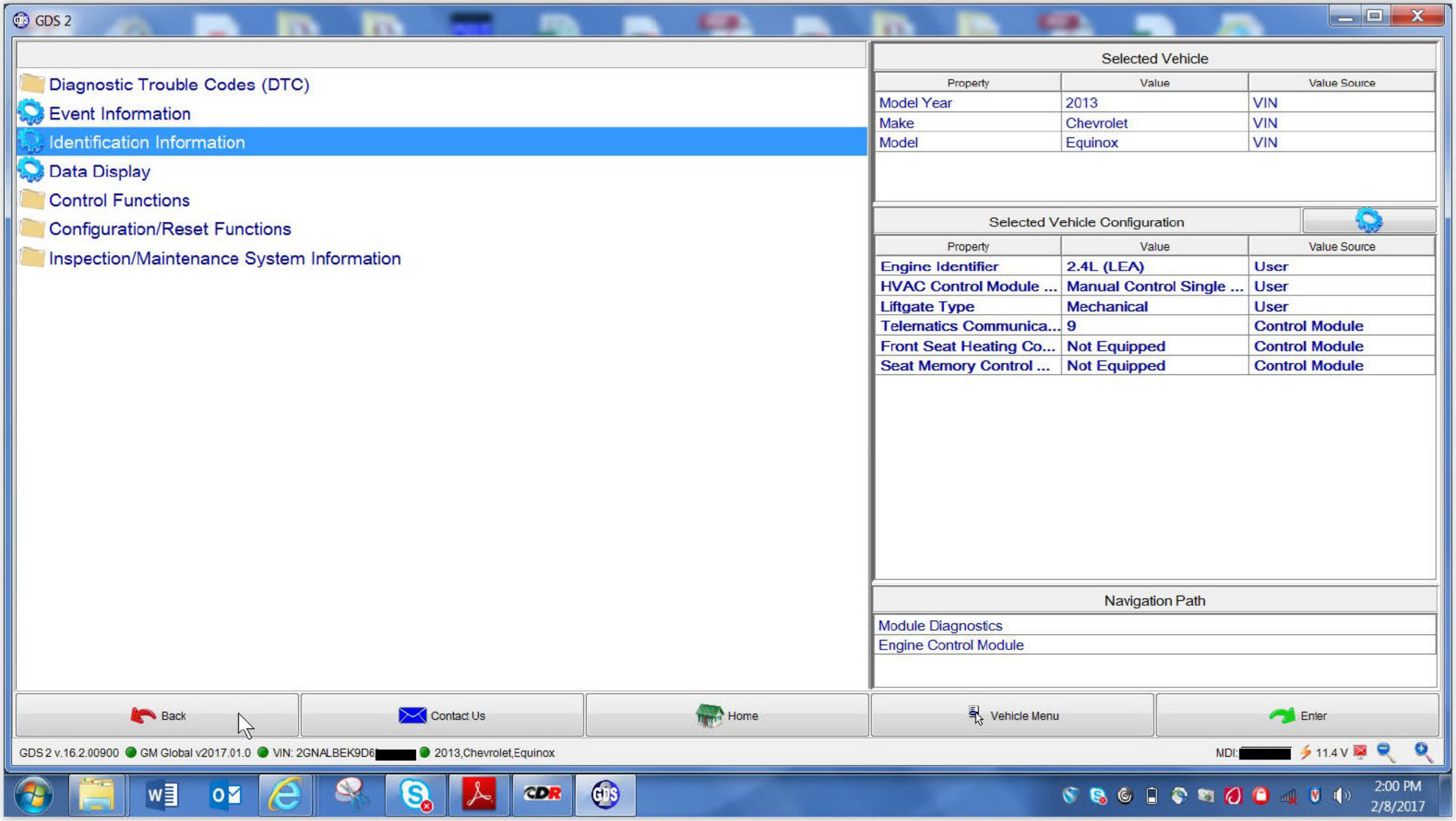
Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6[redacted]
2013,Chevrolet,Equinox
MDI:[redacted]
11.3 V
2:00 PM
2/8/2017


GDS 2
Diagnostic Trouble Codes (DTC)
Event Information
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Inspection/Maintenance System Information
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
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MDI:
11.4 V
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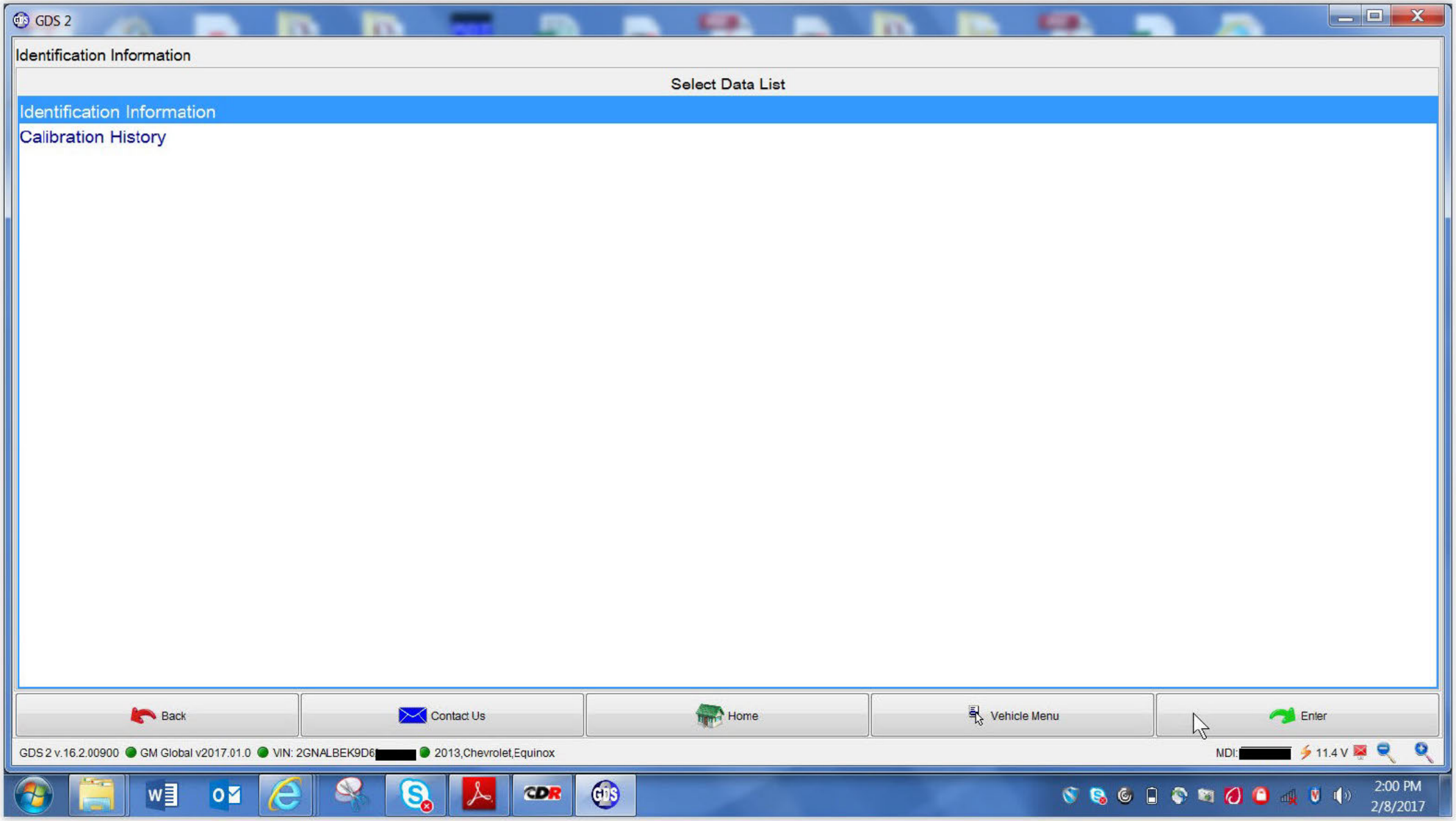
GDS 2
Identification Information
Select Data List
Identification Information
Calibration History
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GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6[redacted]
2013,Chevrolet,Equinox
MDI:[redacted]
11.4 V
2:00 PM
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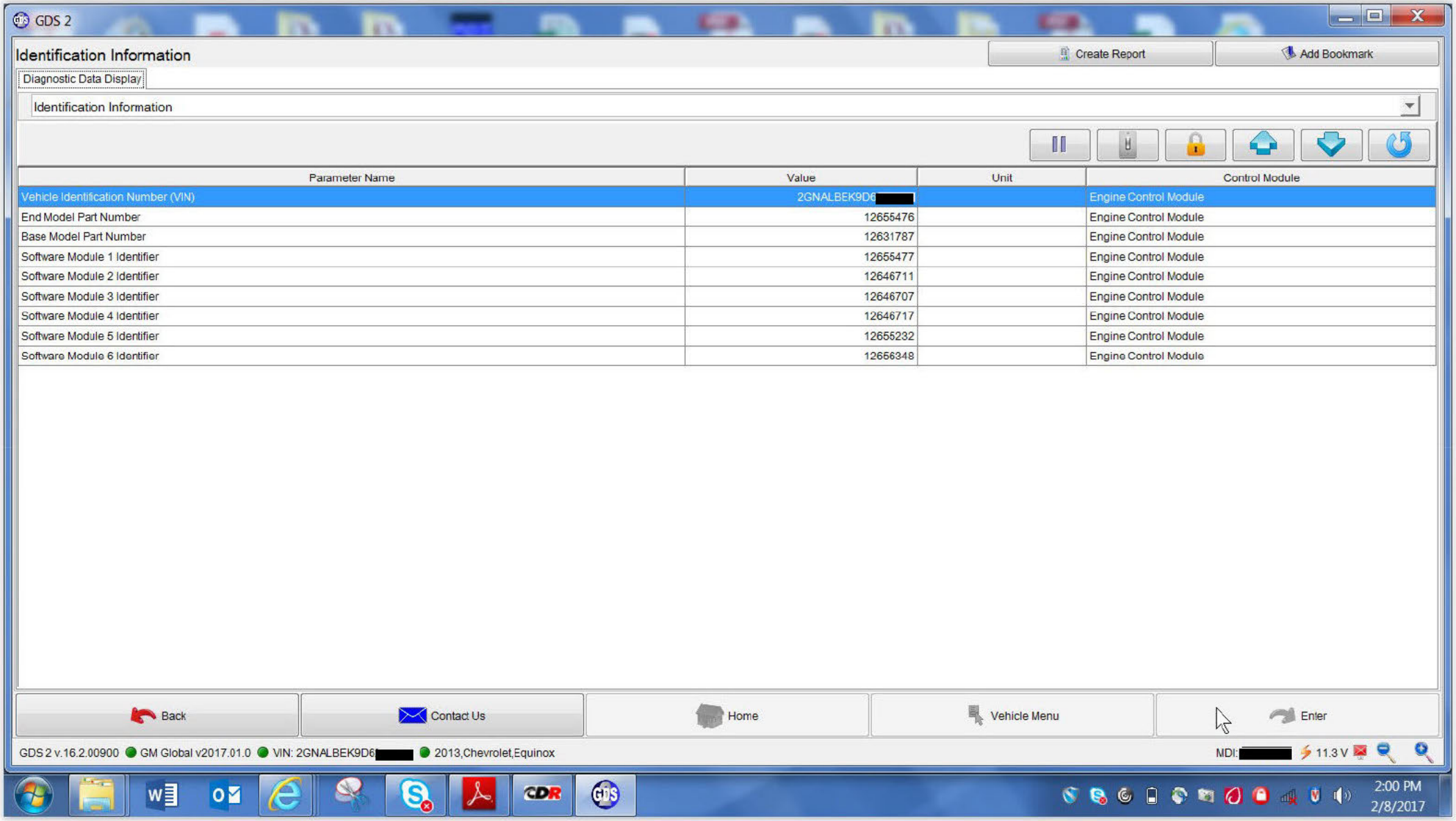
GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Vehicle Identification Number (VIN)
2GNALBEK9D6[redacted]
Engine Control Module
End Model Part Number
12655476
Engine Control Module
Base Model Part Number
12631787
Engine Control Module
Software Module 1 Identifier
12655477
Engine Control Module
Software Module 2 Identifier
12646711
Engine Control Module
Software Module 3 Identifier
12646707
Engine Control Module
Software Module 4 Identifier
12646717
Engine Control Module
Software Module 5 Identifier
12655232
Engine Control Module
Software Module 6 Identifier
12656348
Engine Control Module
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VIN: 2GNALBEK9D6[redacted]
2013,Chevrolet,Equinox
MDI:[redacted]
11.3 V
2:00 PM
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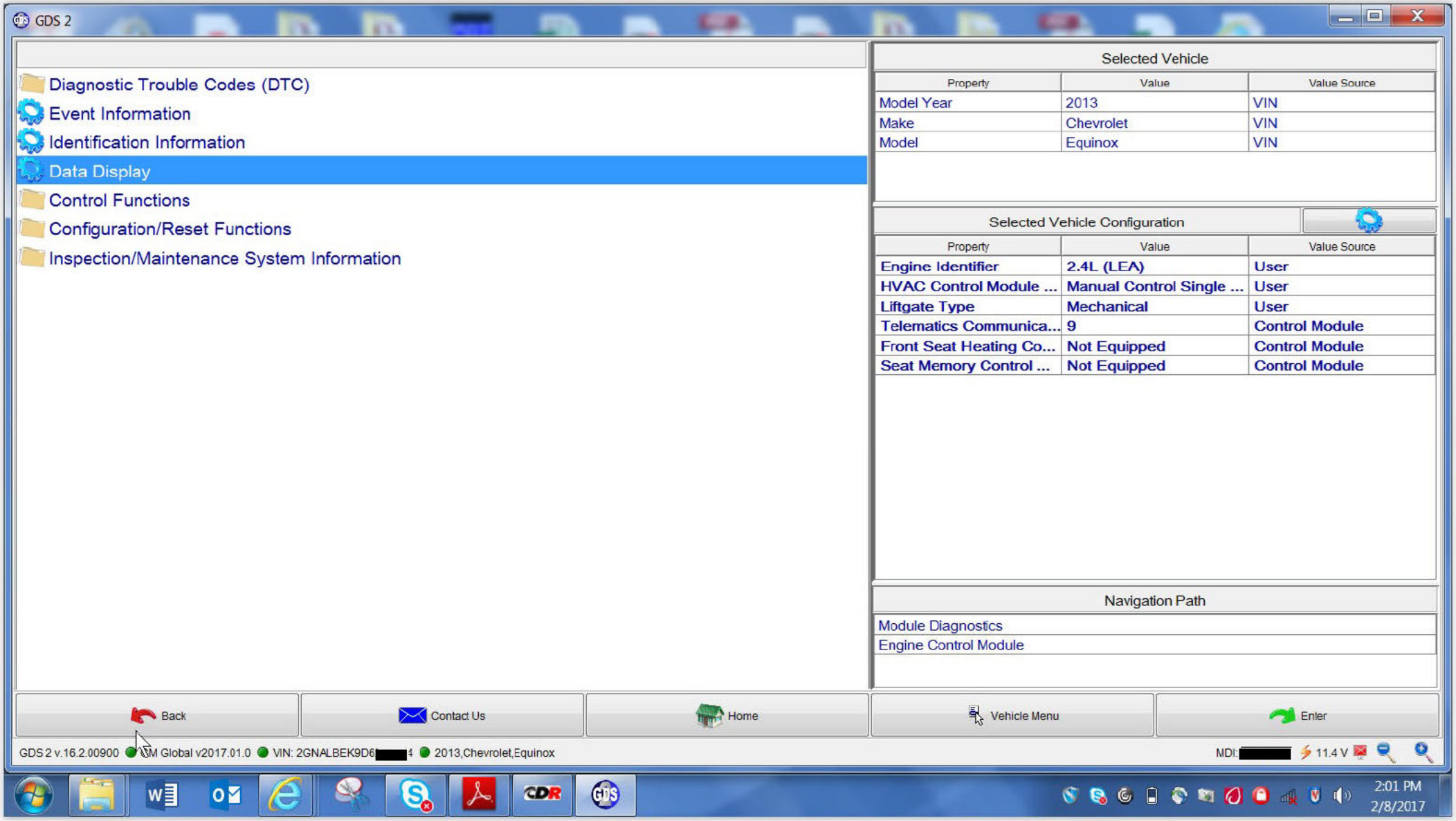
GDS 2
Diagnostic Trouble Codes (DTC)
Event Information
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Inspection/Maintenance System Information
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
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Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
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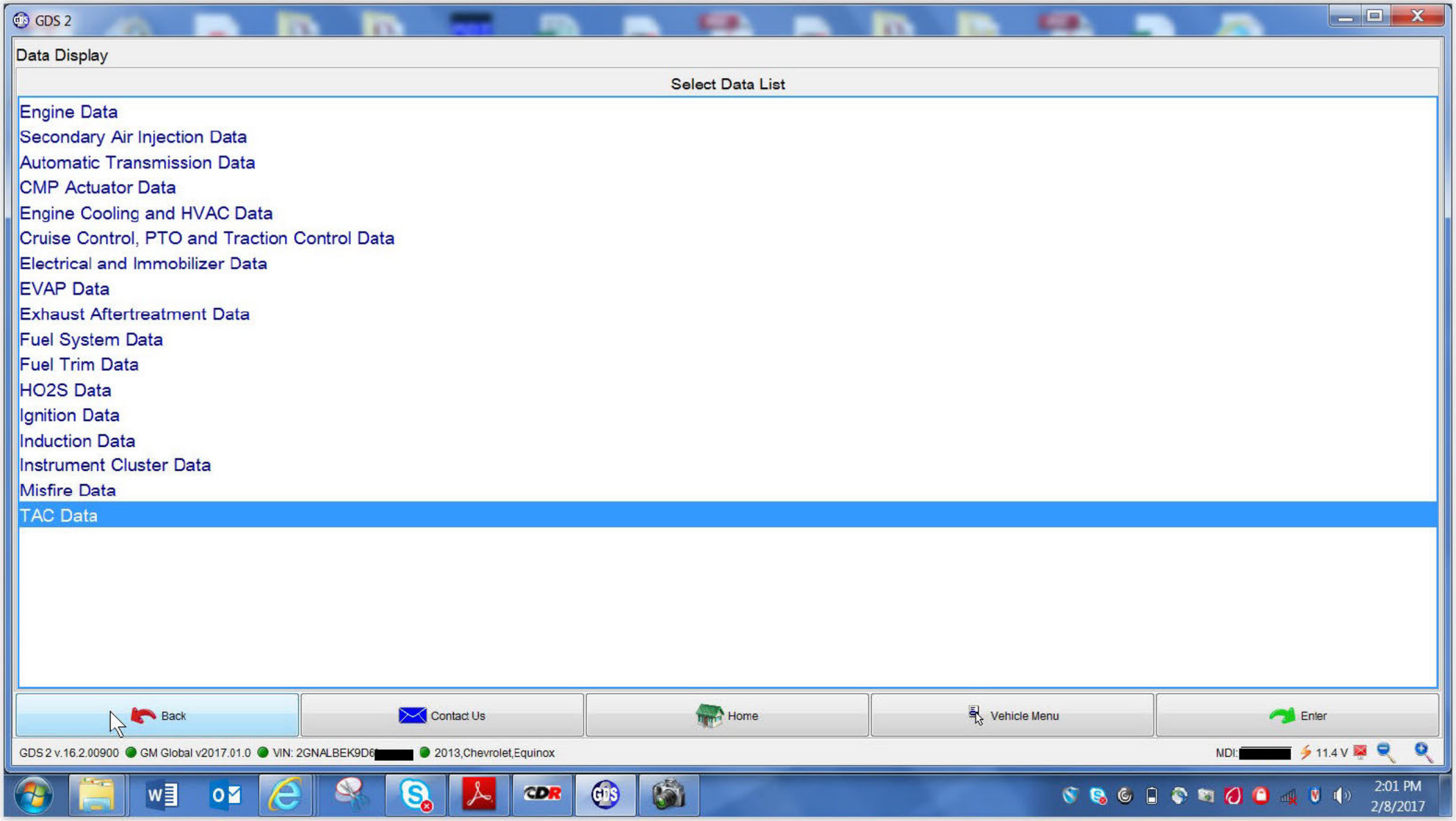
GDS 2
Data Display
Select Data List
Engine Data
Secondary Air Injection Data
Automatic Transmission Data
CMP Actuator Data
Engine Cooling and HVAC Data
Cruise Control, PTO and Traction Control Data
Electrical and Immobilizer Data
EVAP Data
Exhaust Aftertreatment Data
Fuel System Data
Fuel Trim Data
HO2S Data
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Induction Data
Instrument Cluster Data
Misfire Data
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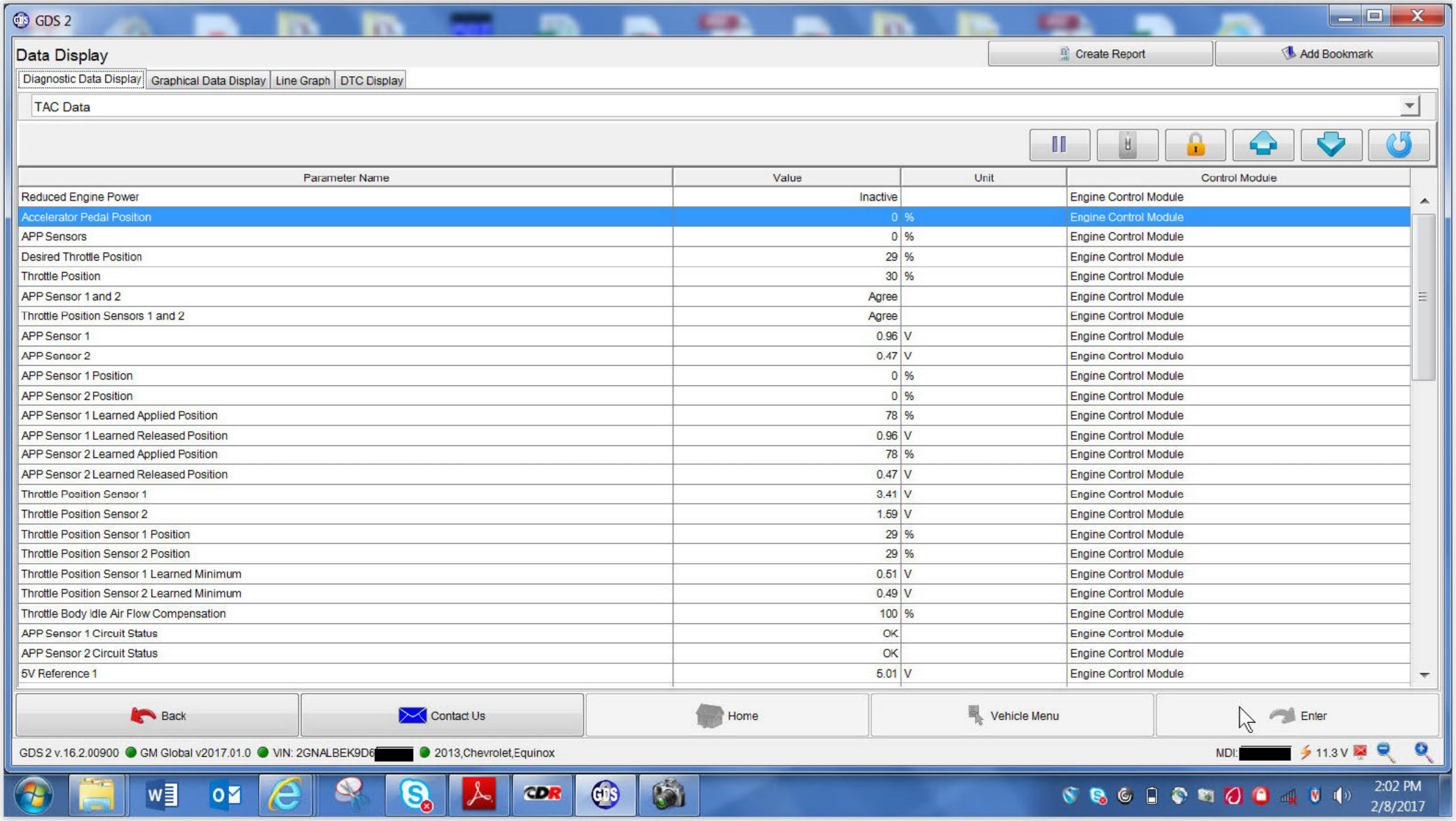
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
0
%
Engine Control Module
APP Sensors
0
%
Engine Control Module
Desired Throttle Position
29
%
Engine Control Module
Throttle Position
30
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
0.96
V
Engine Control Module
APP Sensor 2
0.47
V
Engine Control Module
APP Sensor 1 Position
0
%
Engine Control Module
APP Sensor 2 Position
0
%
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
Throttle Position Sensor 1
3.41
V
Engine Control Module
Throttle Position Sensor 2
1.59
V
Engine Control Module
Throttle Position Sensor 1 Position
29
%
Engine Control Module
Throttle Position Sensor 2 Position
29
%
Engine Control Module
Throttle Position Sensor 1 Learned Minimum
0.51
V
Engine Control Module
Throttle Position Sensor 2 Learned Minimum
0.49
V
Engine Control Module
Throttle Body Idle Air Flow Compensation
100
%
Engine Control Module
APP Sensor 1 Circuit Status
OK
Engine Control Module
APP Sensor 2 Circuit Status
OK
Engine Control Module
5V Reference 1
5.01
V
Engine Control Module
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VIN: 2GNALBEK9D6
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MDI:
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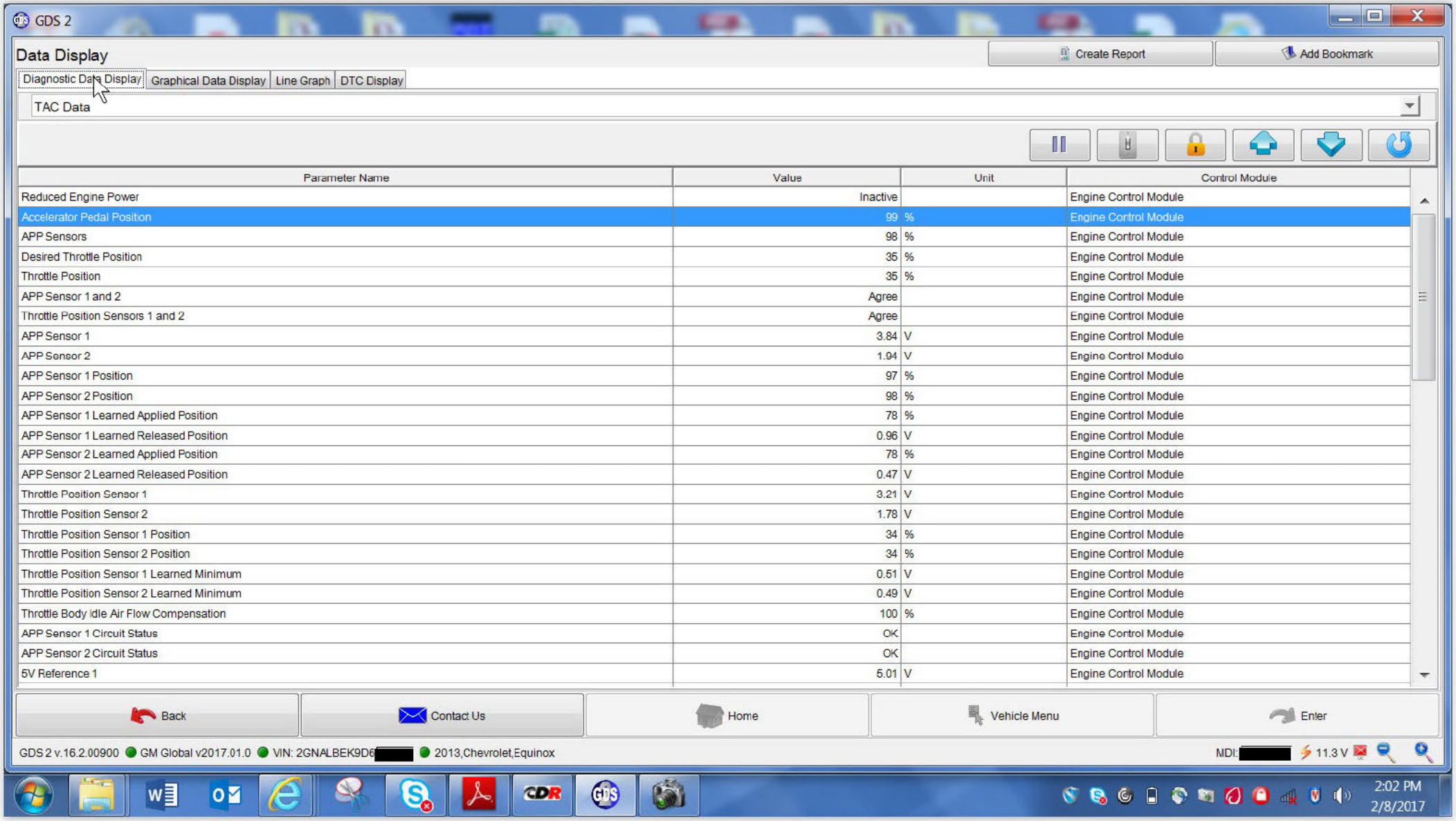
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
99
%
Engine Control Module
APP Sensors
98
%
Engine Control Module
Desired Throttle Position
35
%
Engine Control Module
Throttle Position
35
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
3.84
V
Engine Control Module
APP Sensor 2
1.94
V
Engine Control Module
APP Sensor 1 Position
97
%
Engine Control Module
APP Sensor 2 Position
98
%
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
Throttle Position Sensor 1
3.21
V
Engine Control Module
Throttle Position Sensor 2
1.78
V
Engine Control Module
Throttle Position Sensor 1 Position
34
%
Engine Control Module
Throttle Position Sensor 2 Position
34
%
Engine Control Module
Throttle Position Sensor 1 Learned Minimum
0.51
V
Engine Control Module
Throttle Position Sensor 2 Learned Minimum
0.49
V
Engine Control Module
Throttle Body Idle Air Flow Compensation
100
%
Engine Control Module
APP Sensor 1 Circuit Status
OK
Engine Control Module
APP Sensor 2 Circuit Status
OK
Engine Control Module
5V Reference 1
5.01
V
Engine Control Module
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VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
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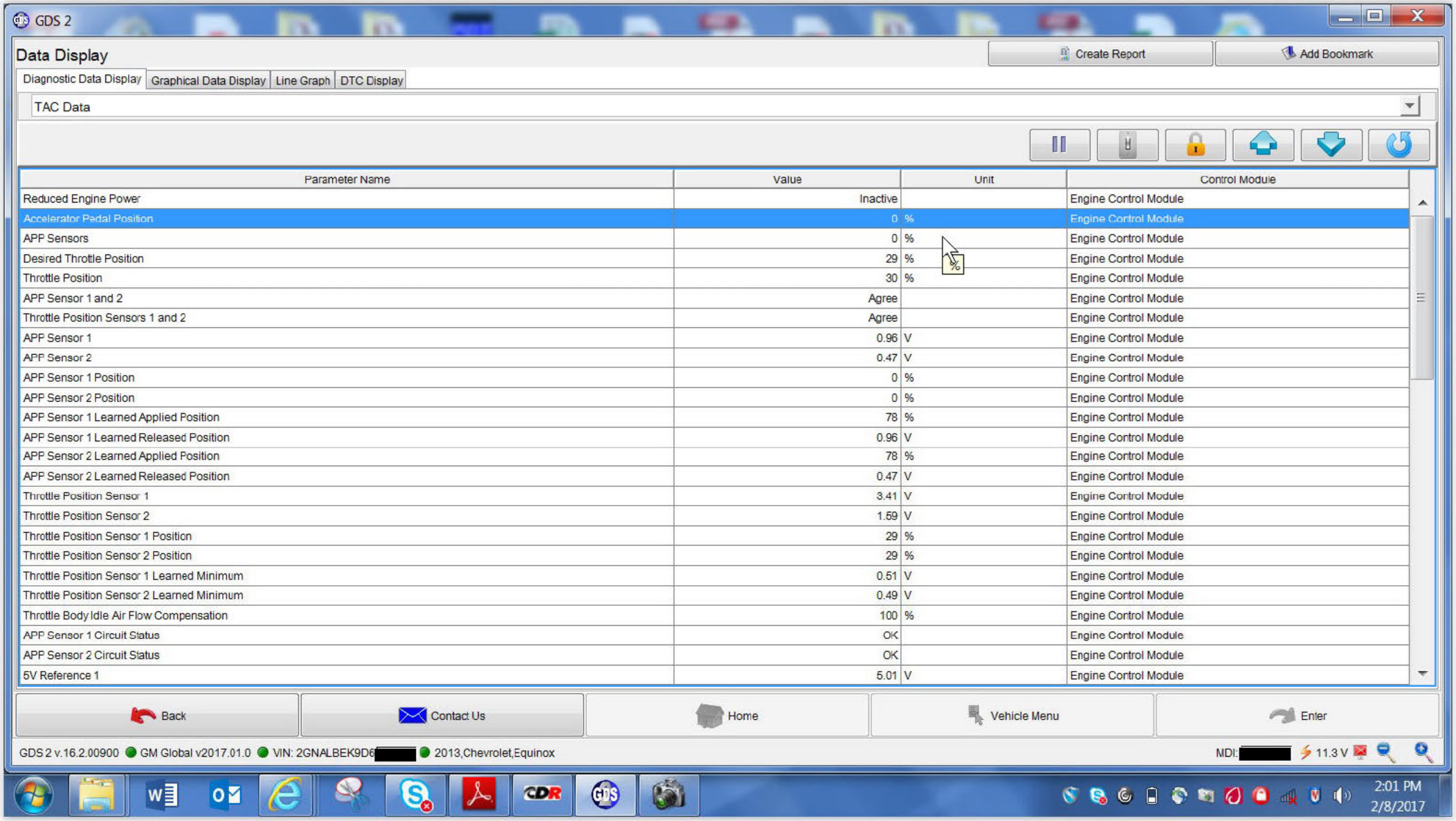
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
0
%
Engine Control Module
APP Sensors
0
%
Engine Control Module
Desired Throttle Position
29
%
Engine Control Module
Throttle Position
30
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
0.96
V
Engine Control Module
APP Sensor 2
0.47
V
Engine Control Module
APP Sensor 1 Position
0
%
Engine Control Module
APP Sensor 2 Position
0
%
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
Throttle Position Sensor 1
3.41
V
Engine Control Module
Throttle Position Sensor 2
1.59
V
Engine Control Module
Throttle Position Sensor 1 Position
29
%
Engine Control Module
Throttle Position Sensor 2 Position
29
%
Engine Control Module
Throttle Position Sensor 1 Learned Minimum
0.51
V
Engine Control Module
Throttle Position Sensor 2 Learned Minimum
0.49
V
Engine Control Module
Throttle Body Idle Air Flow Compensation
100
%
Engine Control Module
APP Sensor 1 Circuit Status
OK
Engine Control Module
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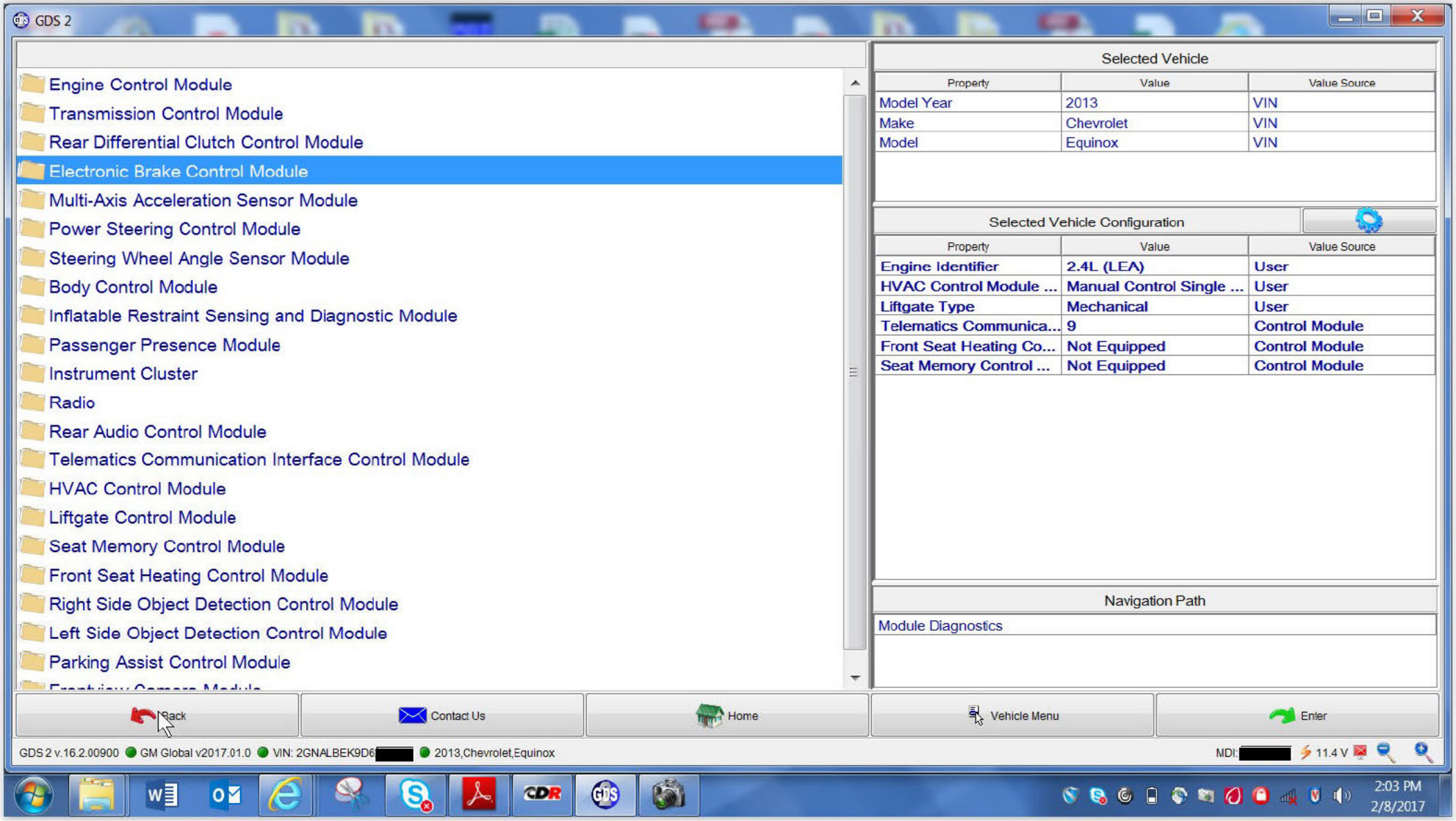
GDS 2
Engine Control Module
Transmission Control Module
Rear Differential Clutch Control Module
Electronic Brake Control Module
Multi-Axis Acceleration Sensor Module
Power Steering Control Module
Steering Wheel Angle Sensor Module
Body Control Module
Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module
Instrument Cluster
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Rear Audio Control Module
Telematics Communication Interface Control Module
HVAC Control Module
Liftgate Control Module
Seat Memory Control Module
Front Seat Heating Control Module
Right Side Object Detection Control Module
Left Side Object Detection Control Module
Parking Assist Control Module
Selected Vehicle
Property Value Value Source
Model Year 2013 VIN
Make Chevrolet VIN
Model Equinox VIN
Selected Vehicle Configuration
Property Value Value Source
Engine Identifier 2.4L (LEA) User
HVAC Control Module ... Manual Control Single ... User
Liftgate Type Mechanical User
Telematics Communica... 9 Control Module
Front Seat Heating Co... Not Equipped Control Module
Seat Memory Control ... Not Equipped Control Module
Navigation Path
Module Diagnostics
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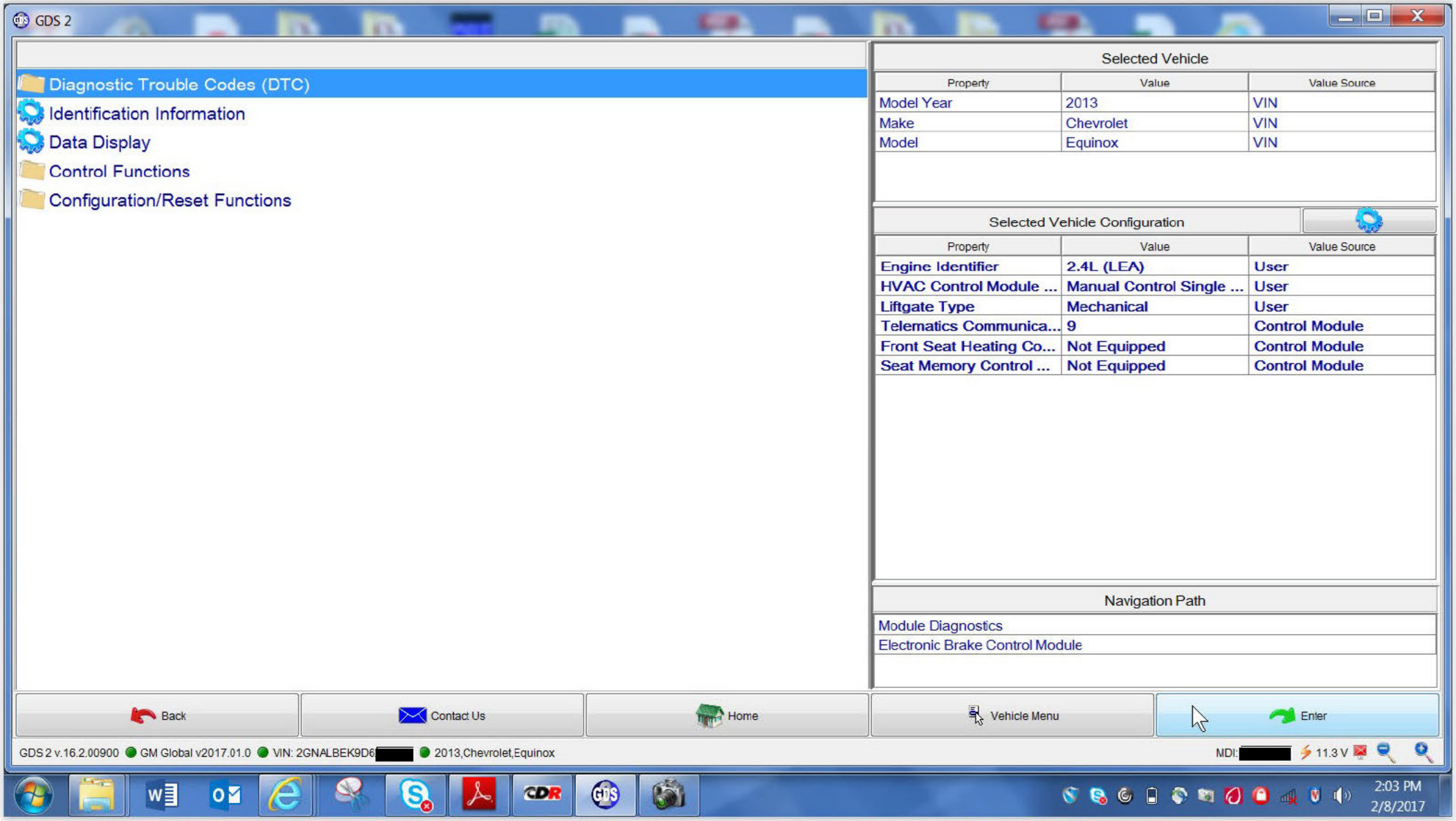
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Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
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Property
Value
Value Source
Engine Identifier
2.4L (LEA)
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Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
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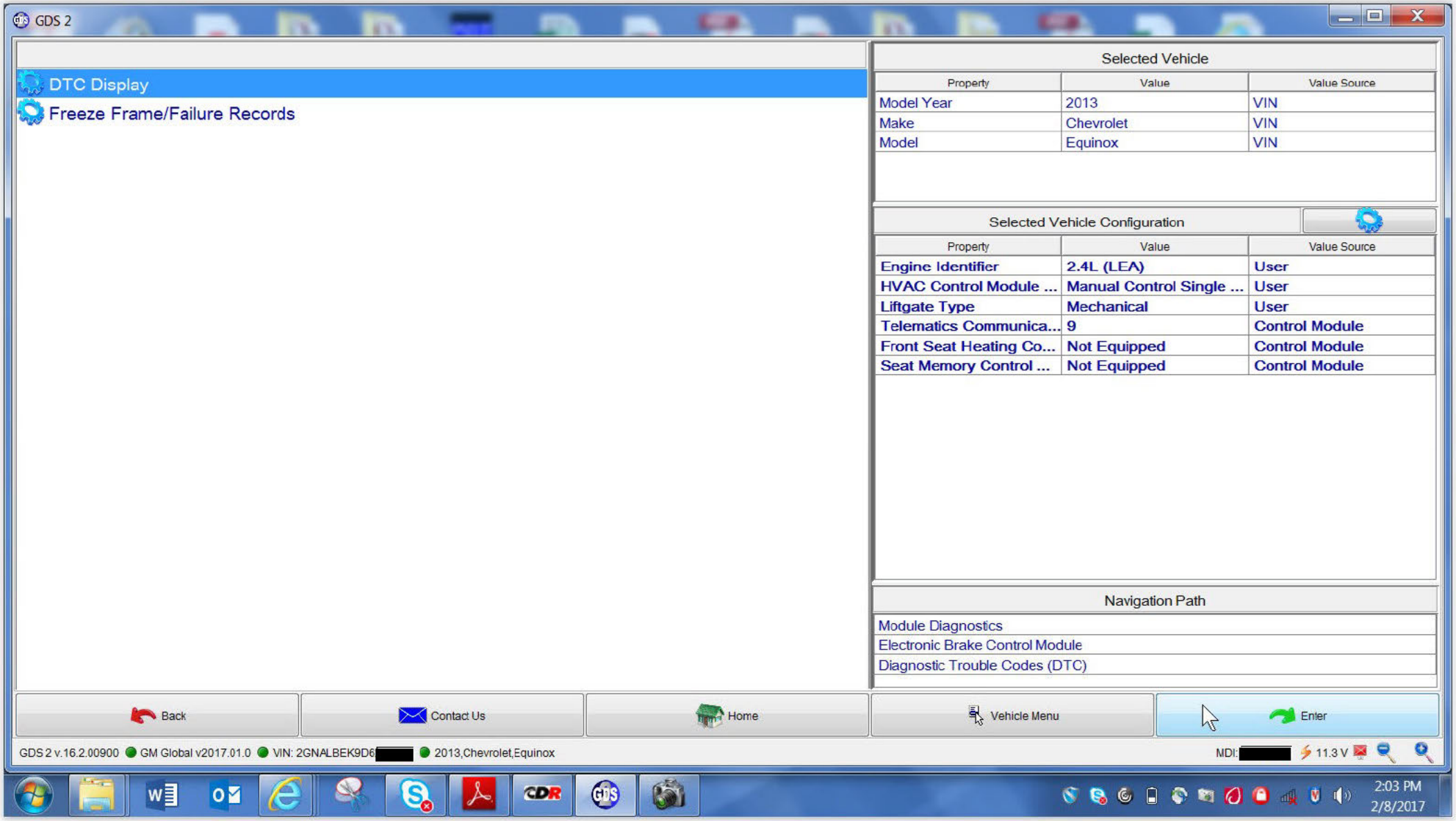
GDS 2
DTC Display
Freeze Frame/Failure Records
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
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Property
Value
Value Source
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Liftgate Type
Mechanical
User
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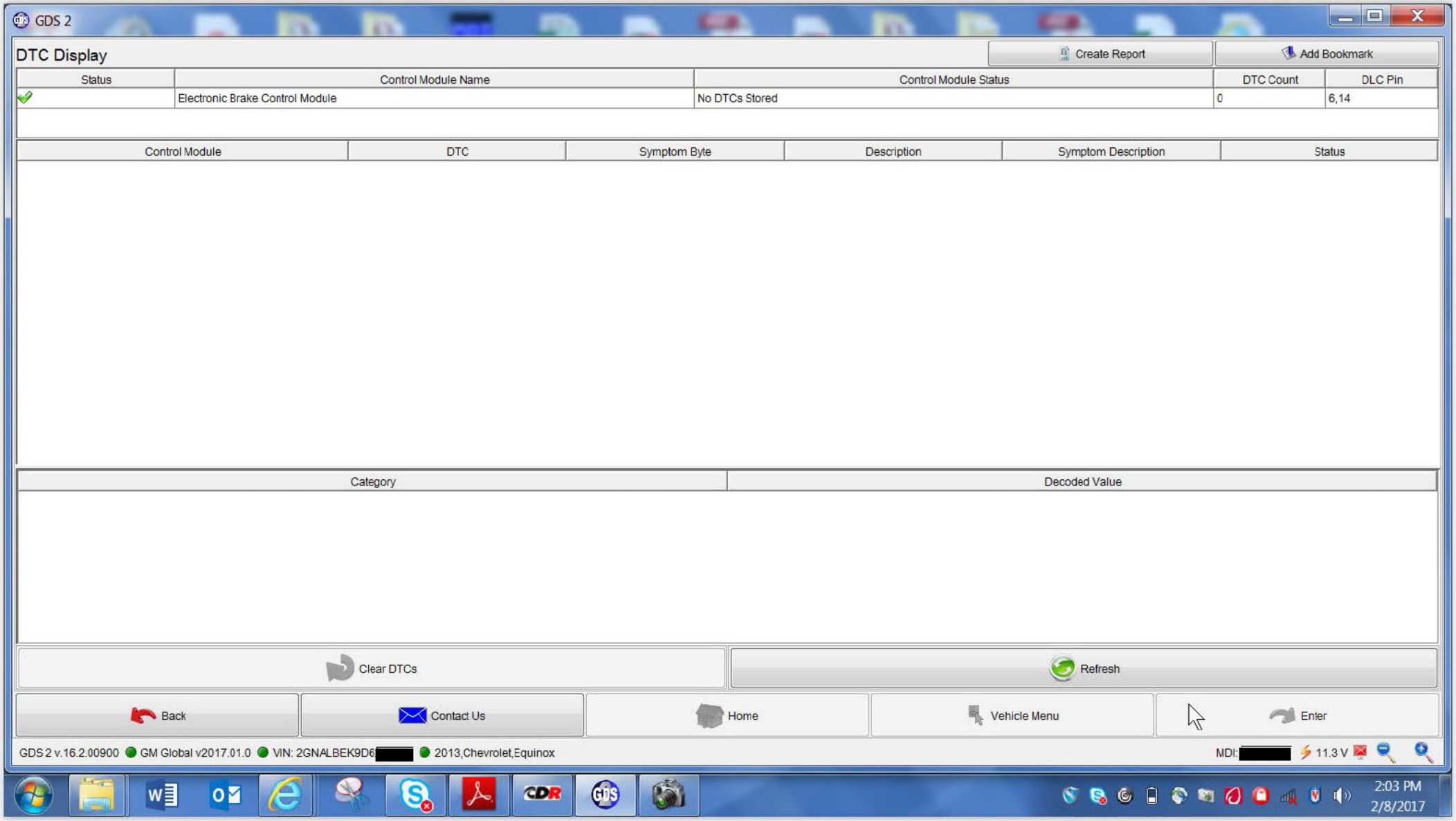
GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Electronic Brake Control Module
No DTCs Stored
0
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
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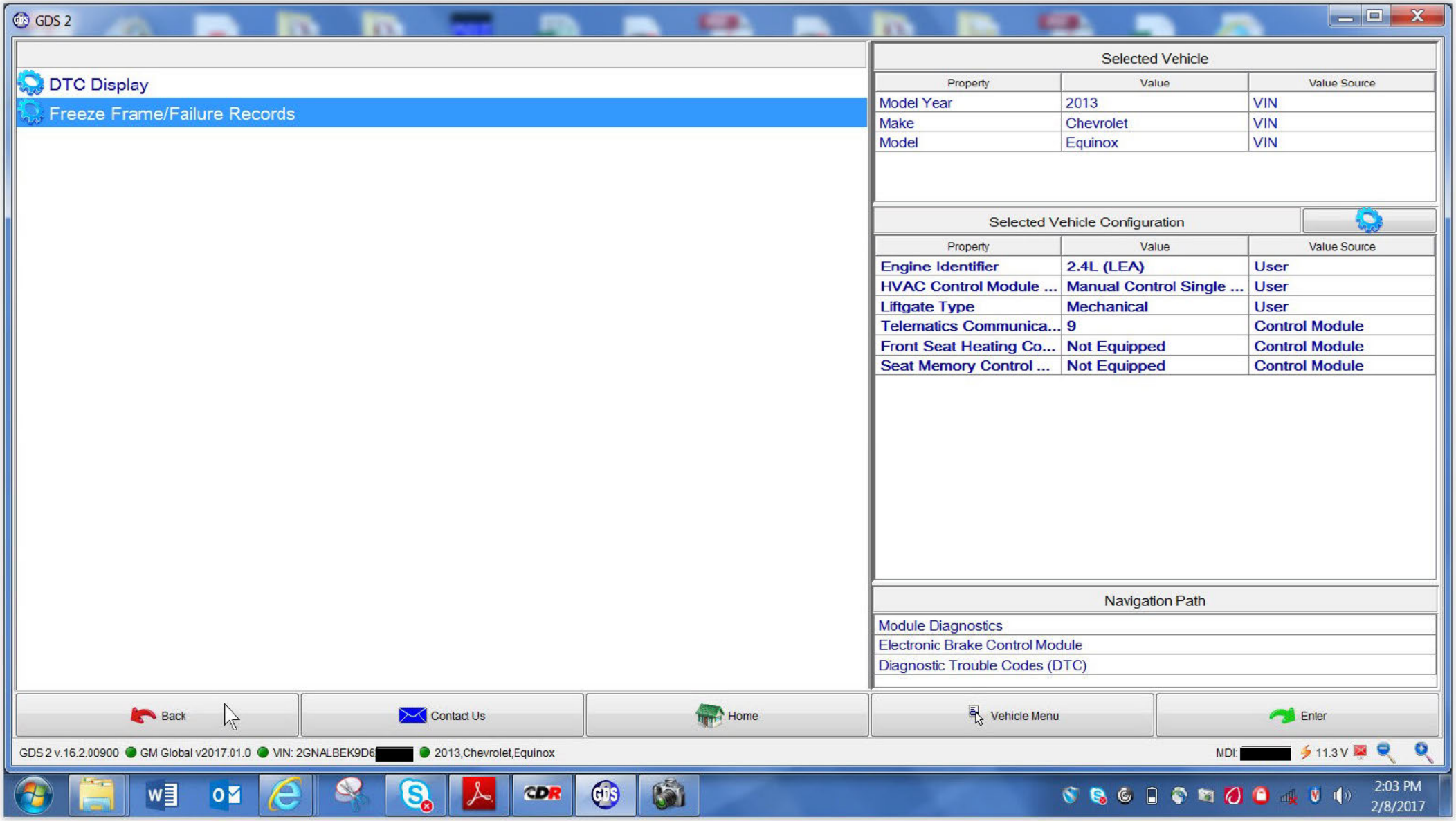
GDS 2
DTC Display
Freeze Frame/Failure Records
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
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Property
Value
Value Source
Engine Identifier
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User
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Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
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Control Module
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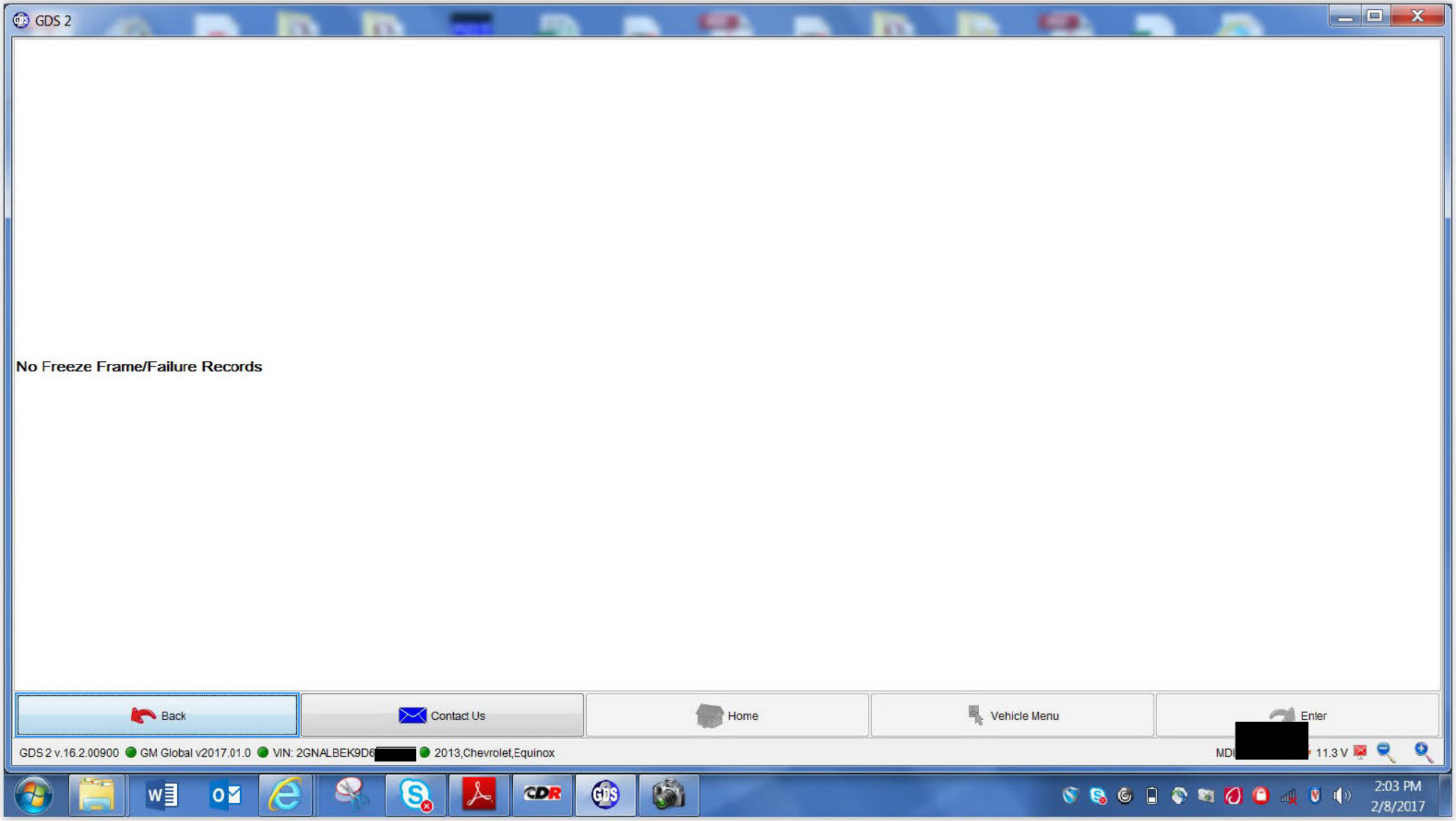
GDS 2
No Freeze Frame/Failure Records
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VIN: 2GNALBEK9D6
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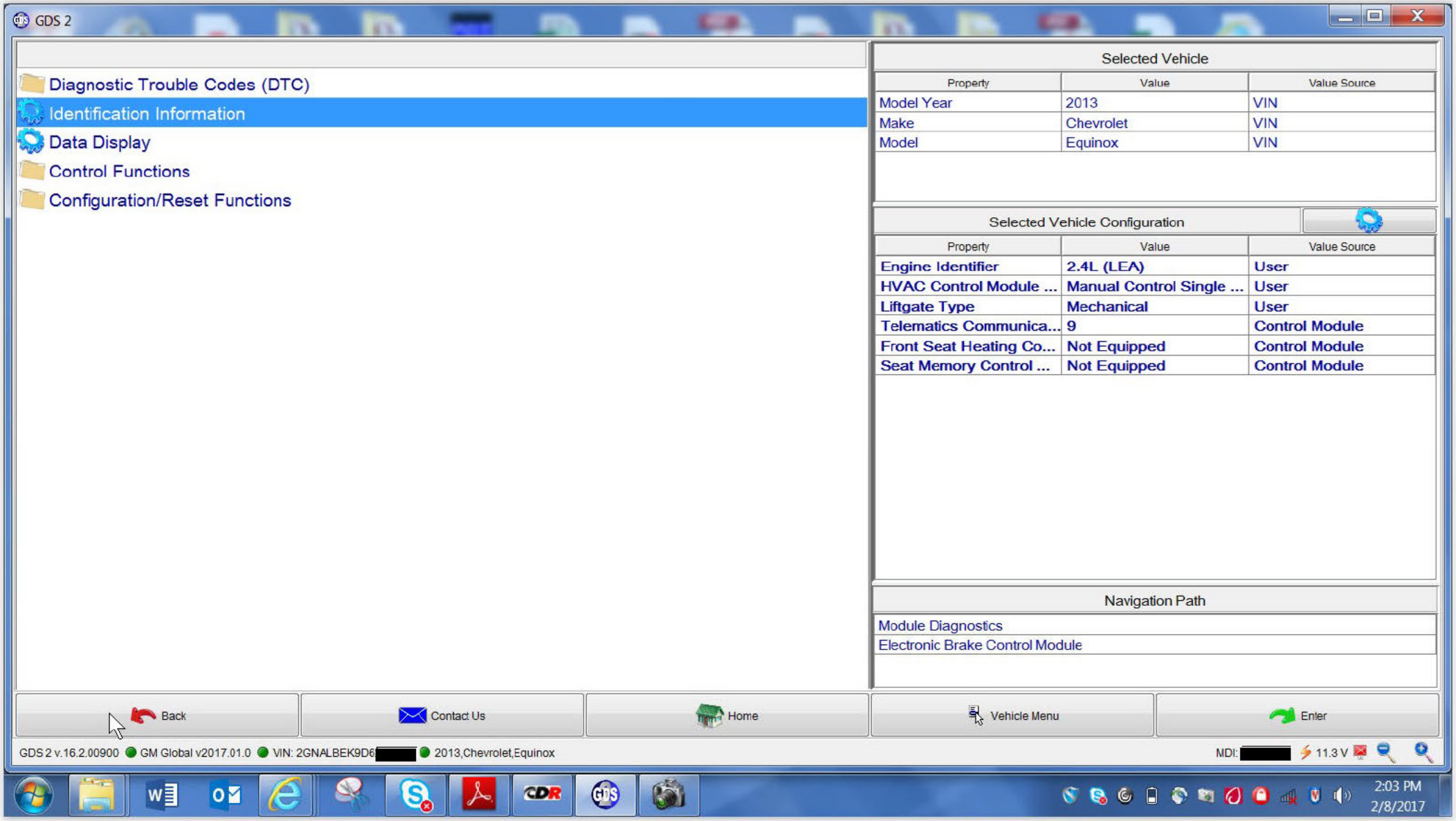
GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
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Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
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HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
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Control Module
Front Seat Heating Co...
Not Equipped
Control Module
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Not Equipped
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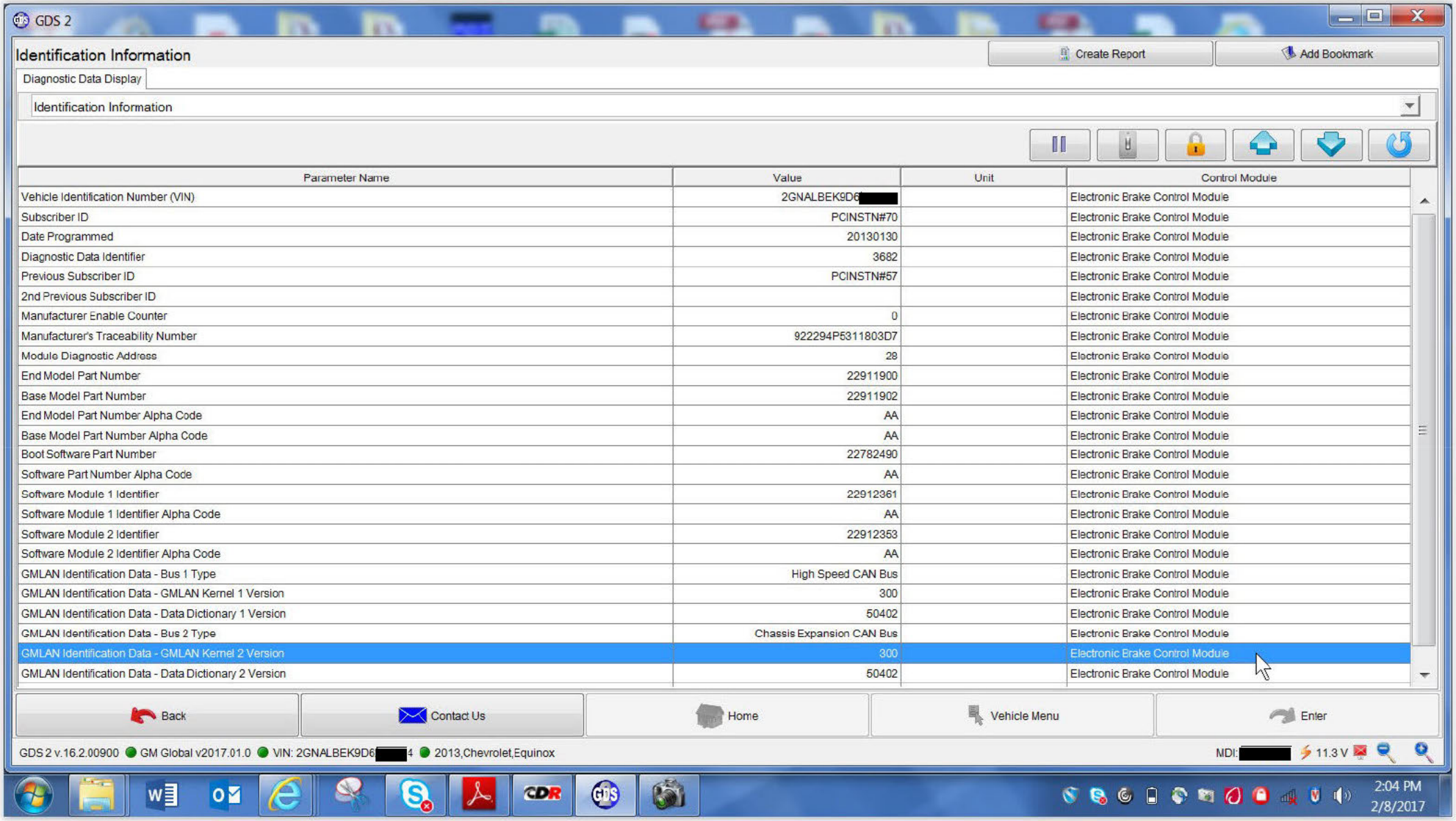
GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Vehicle Identification Number (VIN)
2GNALBEK9D6[redacted]
Subscriber ID
PCINSTN#70
Date Programmed
20130130
Diagnostic Data Identifier
3682
Previous Subscriber ID
PCINSTN#57
2nd Previous Subscriber ID
Manufacturer Enable Counter
0
Manufacturer's Traceability Number
922294P5311803D7
Module Diagnostic Address
28
End Model Part Number
22911900
Base Model Part Number
22911902
End Model Part Number Alpha Code
AA
Base Model Part Number Alpha Code
AA
Boot Software Part Number
22782490
Software Part Number Alpha Code
AA
Software Module 1 Identifier
22912361
Software Module 1 Identifier Alpha Code
AA
Software Module 2 Identifier
22912353
Software Module 2 Identifier Alpha Code
AA
GMLAN Identification Data - Bus 1 Type
High Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version
300
GMLAN Identification Data - Data Dictionary 1 Version
50402
GMLAN Identification Data - Bus 2 Type
Chassis Expansion CAN Bus
GMLAN Identification Data - GMLAN Kernel 2 Version
300
GMLAN Identification Data - Data Dictionary 2 Version
50402
Electronic Brake Control Module
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MDI:[redacted]
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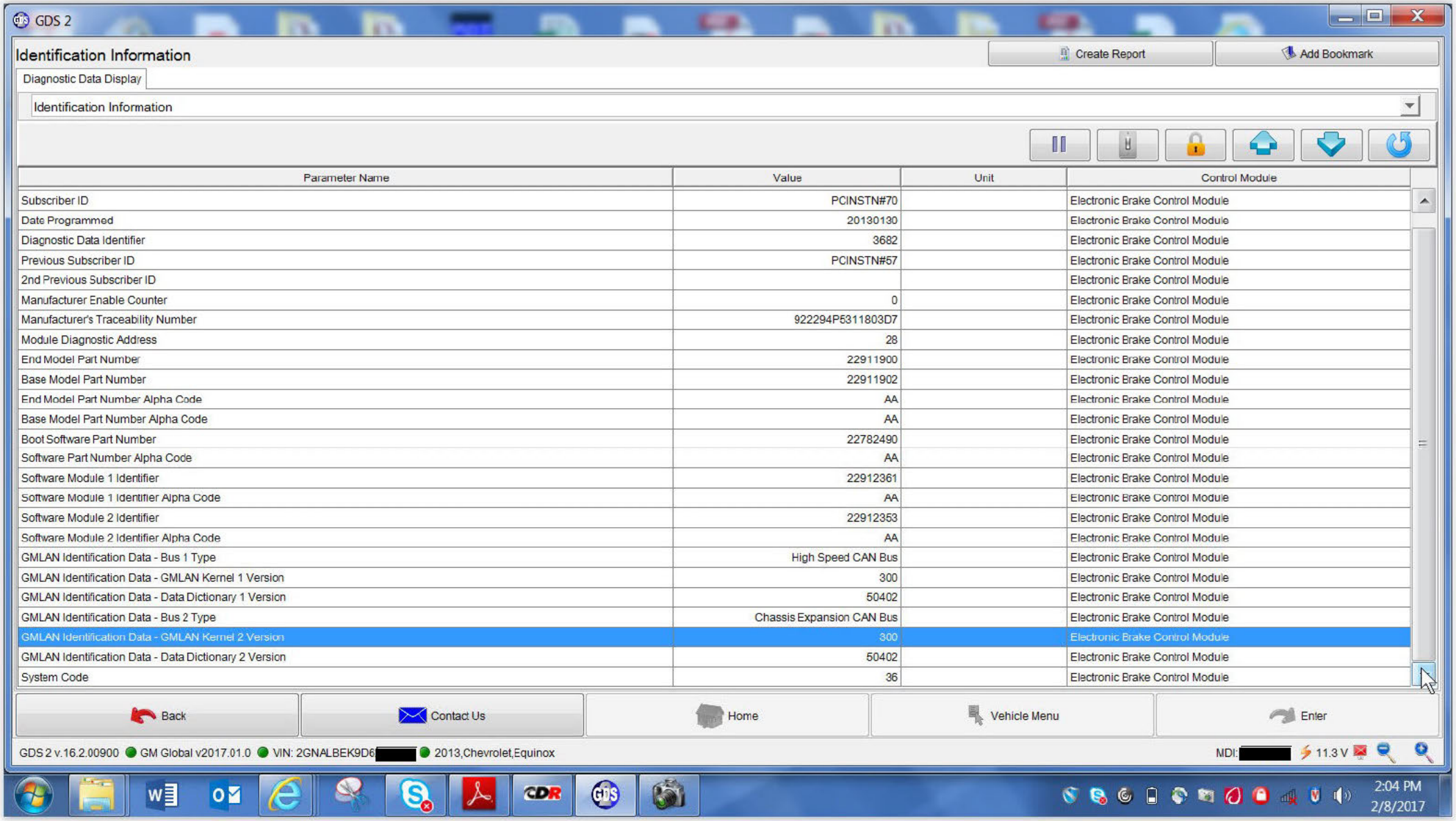
GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Subscriber ID
PCINSTN#70
Electronic Brake Control Module
Date Programmed
20130130
Electronic Brake Control Module
Diagnostic Data Identifier
3682
Electronic Brake Control Module
Previous Subscriber ID
PCINSTN#57
Electronic Brake Control Module
2nd Previous Subscriber ID
Electronic Brake Control Module
Manufacturer Enable Counter
0
Electronic Brake Control Module
Manufacturer's Traceability Number
922294P5311803D7
Electronic Brake Control Module
Module Diagnostic Address
28
Electronic Brake Control Module
End Model Part Number
22911900
Electronic Brake Control Module
Base Model Part Number
22911902
Electronic Brake Control Module
End Model Part Number Alpha Code
AA
Electronic Brake Control Module
Base Model Part Number Alpha Code
AA
Electronic Brake Control Module
Boot Software Part Number
22782490
Electronic Brake Control Module
Software Part Number Alpha Code
AA
Electronic Brake Control Module
Software Module 1 Identifier
22912361
Electronic Brake Control Module
Software Module 1 Identifier Alpha Code
AA
Electronic Brake Control Module
Software Module 2 Identifier
22912353
Electronic Brake Control Module
Software Module 2 Identifier Alpha Code
AA
Electronic Brake Control Module
GMLAN Identification Data - Bus 1 Type
High Speed CAN Bus
Electronic Brake Control Module
GMLAN Identification Data - GMLAN Kernel 1 Version
300
Electronic Brake Control Module
GMLAN Identification Data - Data Dictionary 1 Version
50402
Electronic Brake Control Module
GMLAN Identification Data - Bus 2 Type
Chassis Expansion CAN Bus
Electronic Brake Control Module
GMLAN Identification Data - GMLAN Kernel 2 Version
300
Electronic Brake Control Module
GMLAN Identification Data - Data Dictionary 2 Version
50402
Electronic Brake Control Module
System Code
36
Electronic Brake Control Module
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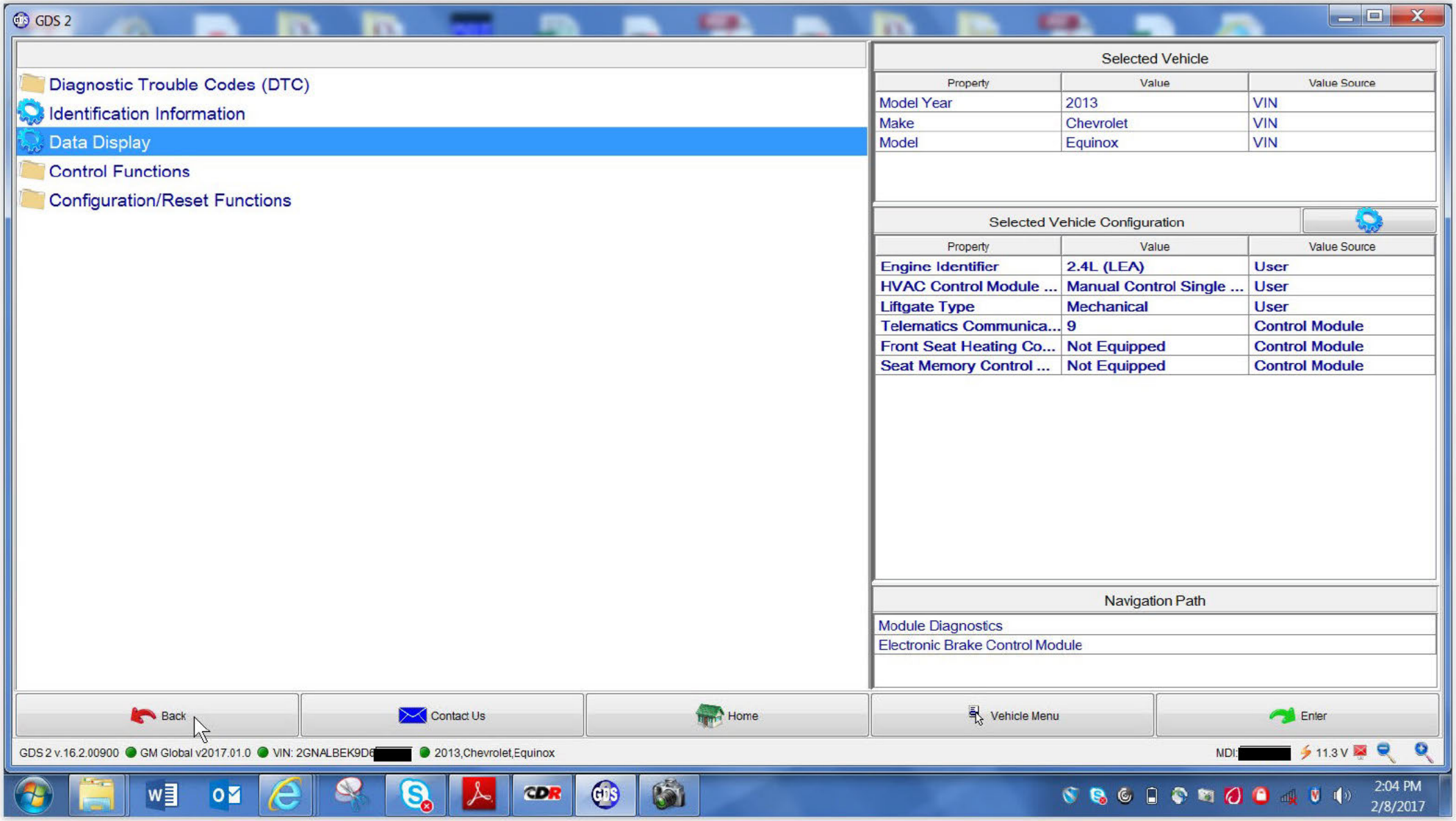
GDS 2
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Property
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Value Source
Model Year
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VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
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Control Module
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Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
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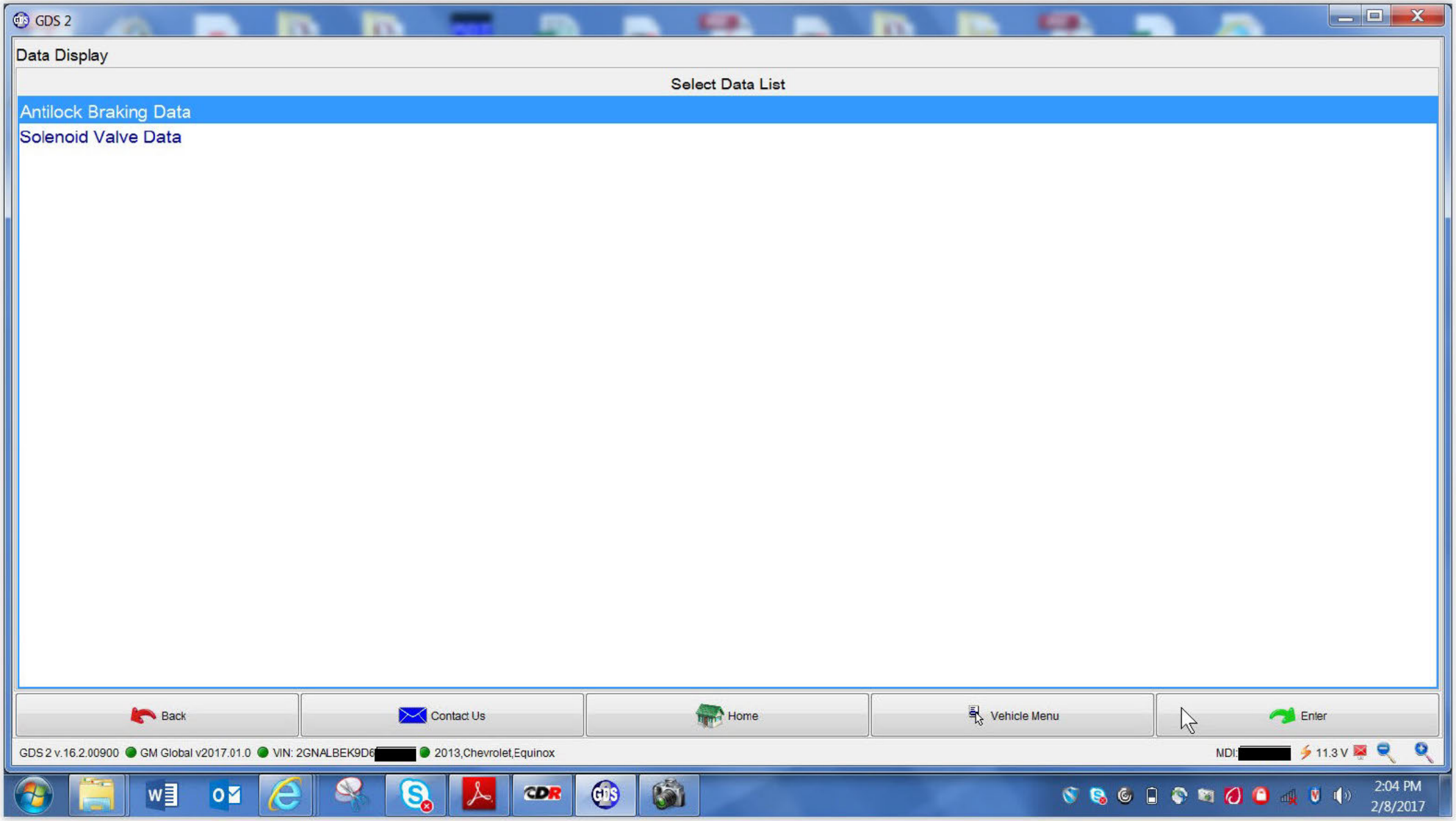
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Antilock Braking Data
Solenoid Valve Data
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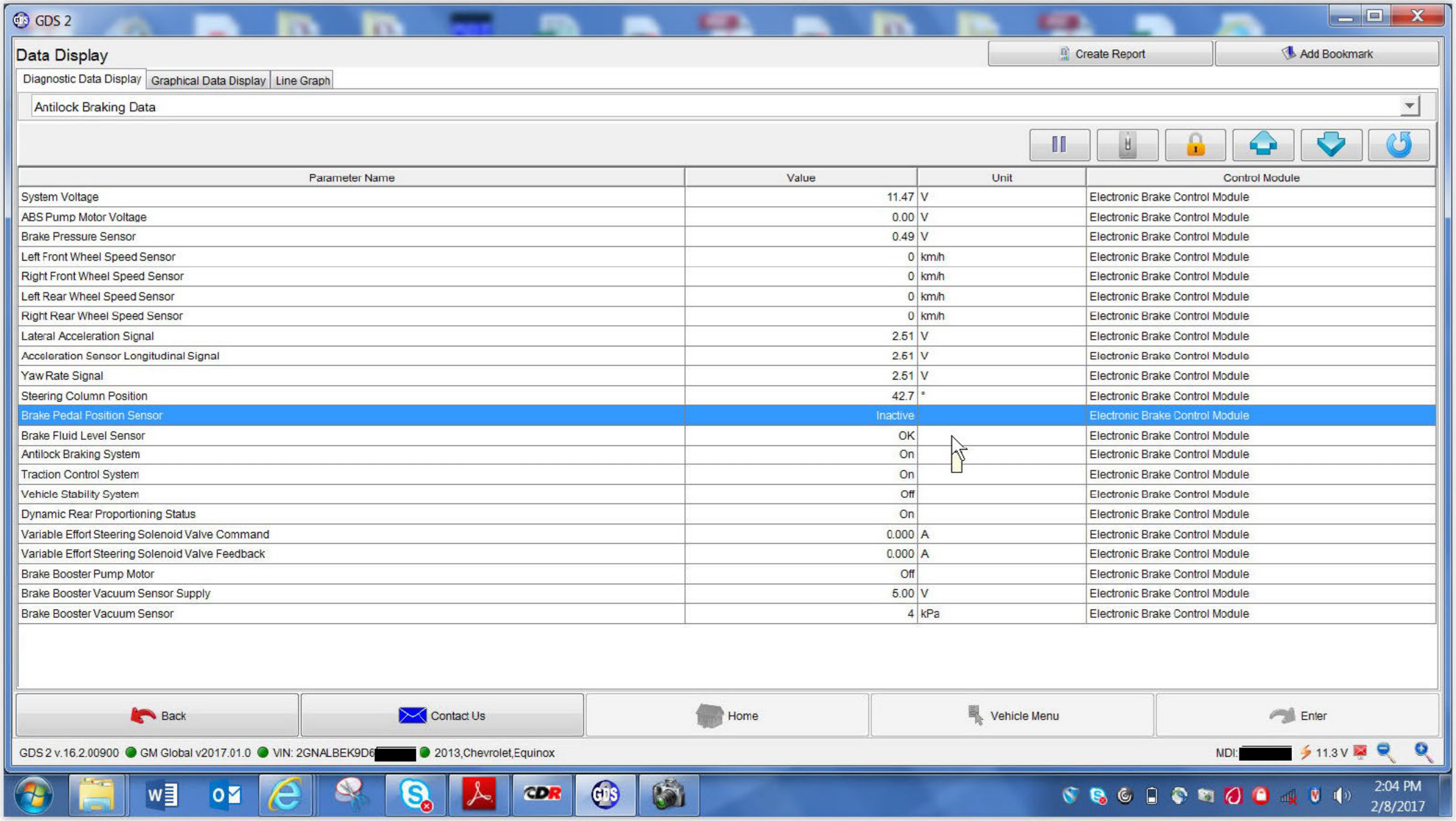
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Antilock Braking Data
Parameter Name
Value
Unit
Control Module
System Voltage 11.47 V Electronic Brake Control Module
ABS Pump Motor Voltage 0.00 V Electronic Brake Control Module
Brake Pressure Sensor 0.49 V Electronic Brake Control Module
Left Front Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Right Front Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Left Rear Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Right Rear Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Lateral Acceleration Signal 2.51 V Electronic Brake Control Module
Acceleration Sensor Longitudinal Signal 2.51 V Electronic Brake Control Module
Yaw Rate Signal 2.51 V Electronic Brake Control Module
Steering Column Position 42.7 ° Electronic Brake Control Module
Brake Pedal Position Sensor Inactive Electronic Brake Control Module
Brake Fluid Level Sensor OK Electronic Brake Control Module
Antilock Braking System On Electronic Brake Control Module
Traction Control System On Electronic Brake Control Module
Vehicle Stability System Off Electronic Brake Control Module
Dynamic Rear Proportioning Status On Electronic Brake Control Module
Variable Effort Steering Solenoid Valve Command 0.000 A Electronic Brake Control Module
Variable Effort Steering Solenoid Valve Feedback 0.000 A Electronic Brake Control Module
Brake Booster Pump Motor Off Electronic Brake Control Module
Brake Booster Vacuum Sensor Supply 5.00 V Electronic Brake Control Module
Brake Booster Vacuum Sensor 4 kPa Electronic Brake Control Module
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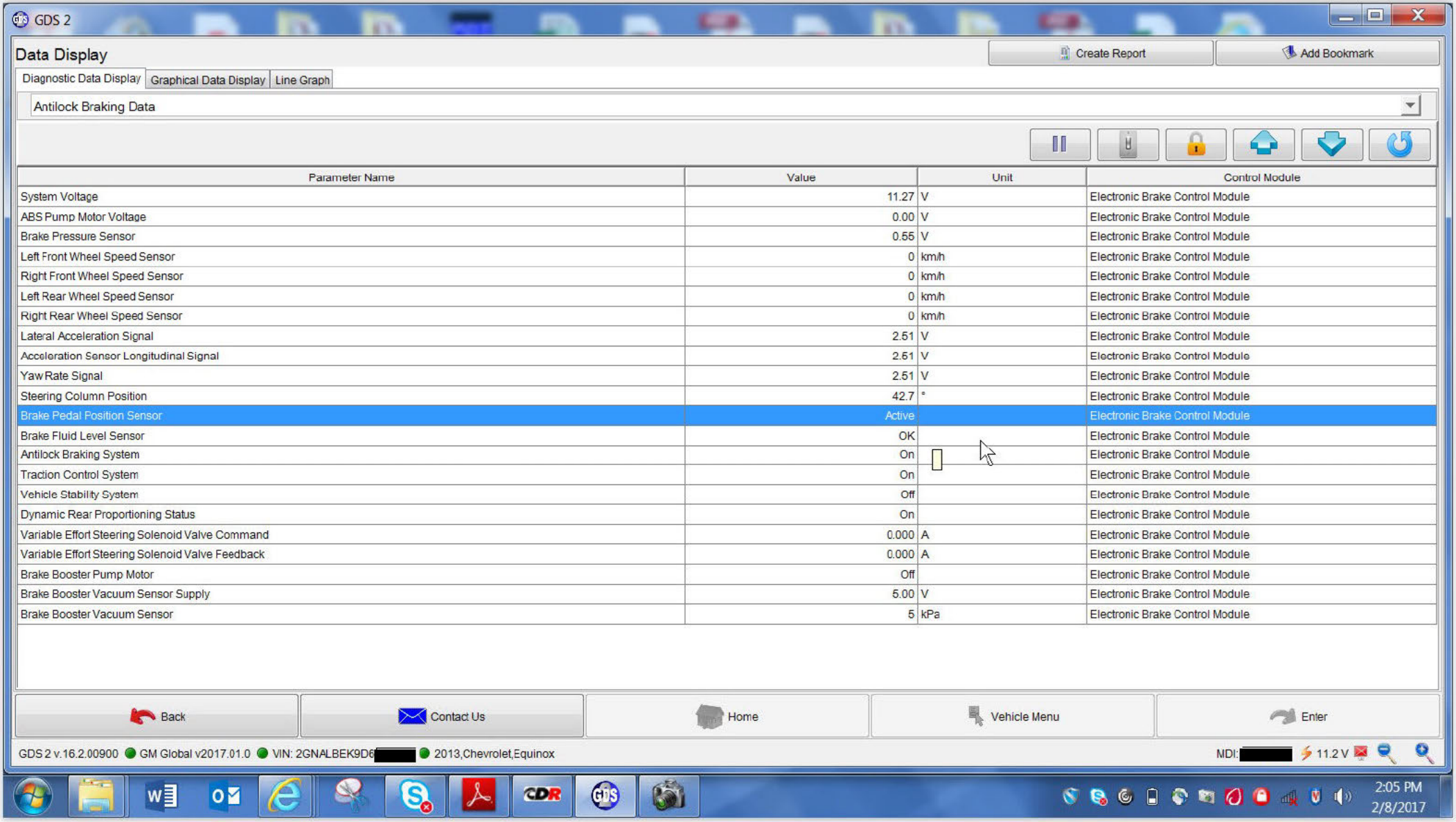
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Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Antilock Braking Data
Parameter Name
Value
Unit
Control Module
System Voltage 11.27 V Electronic Brake Control Module
ABS Pump Motor Voltage 0.00 V Electronic Brake Control Module
Brake Pressure Sensor 0.55 V Electronic Brake Control Module
Left Front Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Right Front Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Left Rear Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Right Rear Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Lateral Acceleration Signal 2.51 V Electronic Brake Control Module
Acceleration Sensor Longitudinal Signal 2.51 V Electronic Brake Control Module
Yaw Rate Signal 2.51 V Electronic Brake Control Module
Steering Column Position 42.7 ° Electronic Brake Control Module
Brake Pedal Position Sensor Active Electronic Brake Control Module
Brake Fluid Level Sensor OK Electronic Brake Control Module
Antilock Braking System On Electronic Brake Control Module
Traction Control System On Electronic Brake Control Module
Vehicle Stability System Off Electronic Brake Control Module
Dynamic Rear Proportioning Status On Electronic Brake Control Module
Variable Effort Steering Solenoid Valve Command 0.000 A Electronic Brake Control Module
Variable Effort Steering Solenoid Valve Feedback 0.000 A Electronic Brake Control Module
Brake Booster Pump Motor Off Electronic Brake Control Module
Brake Booster Vacuum Sensor Supply 5.00 V Electronic Brake Control Module
Brake Booster Vacuum Sensor 5 kPa Electronic Brake Control Module
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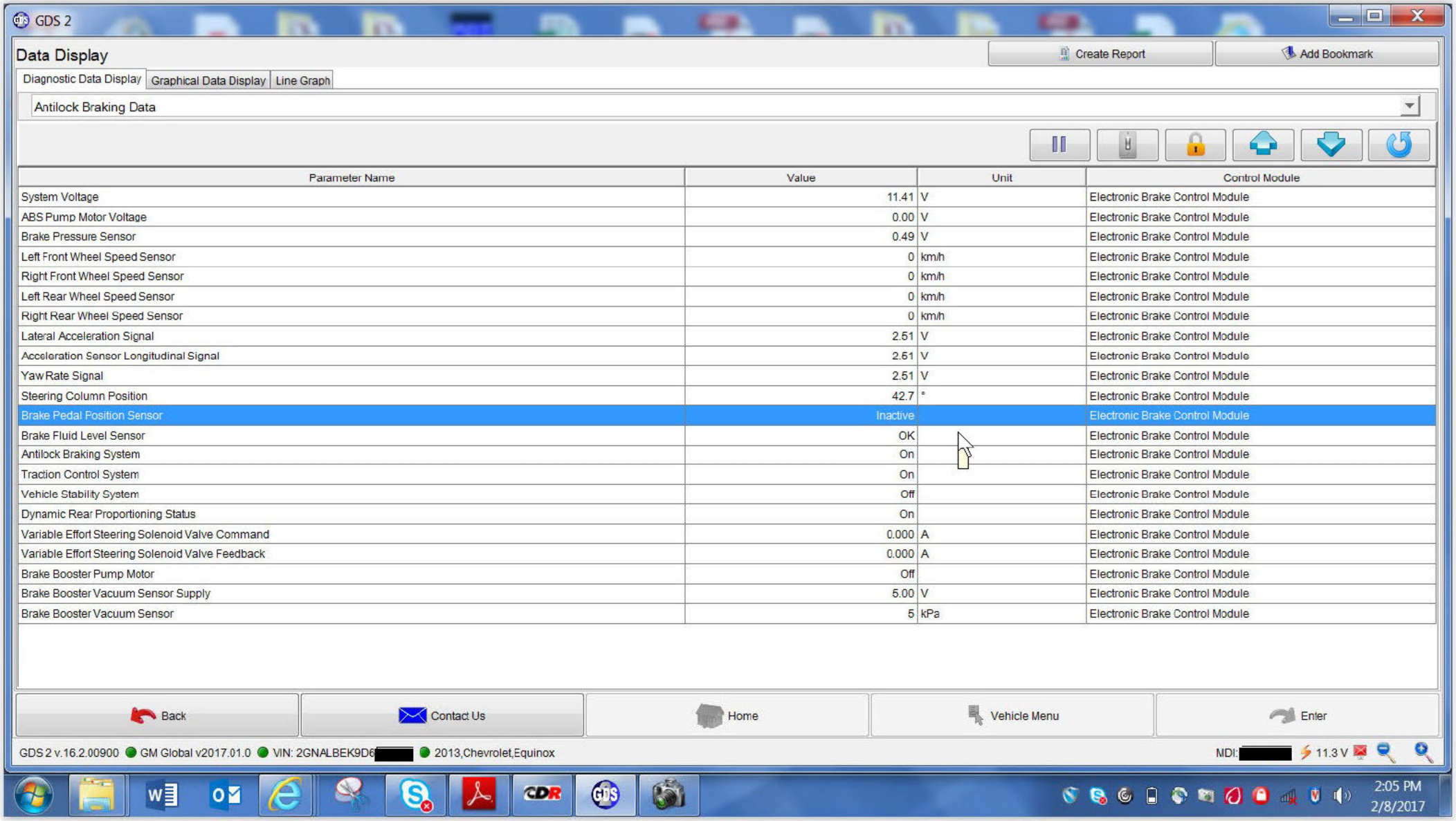
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Antilock Braking Data
Parameter Name
Value
Unit
Control Module
System Voltage 11.41 V Electronic Brake Control Module
ABS Pump Motor Voltage 0.00 V Electronic Brake Control Module
Brake Pressure Sensor 0.49 V Electronic Brake Control Module
Left Front Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Right Front Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Left Rear Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Right Rear Wheel Speed Sensor 0 km/h Electronic Brake Control Module
Lateral Acceleration Signal 2.51 V Electronic Brake Control Module
Acceleration Sensor Longitudinal Signal 2.51 V Electronic Brake Control Module
Yaw Rate Signal 2.51 V Electronic Brake Control Module
Steering Column Position 42.7 ° Electronic Brake Control Module
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Brake Fluid Level Sensor OK Electronic Brake Control Module
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Vehicle Stability System Off Electronic Brake Control Module
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Variable Effort Steering Solenoid Valve Feedback 0.000 A Electronic Brake Control Module
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Brake Booster Vacuum Sensor Supply 5.00 V Electronic Brake Control Module
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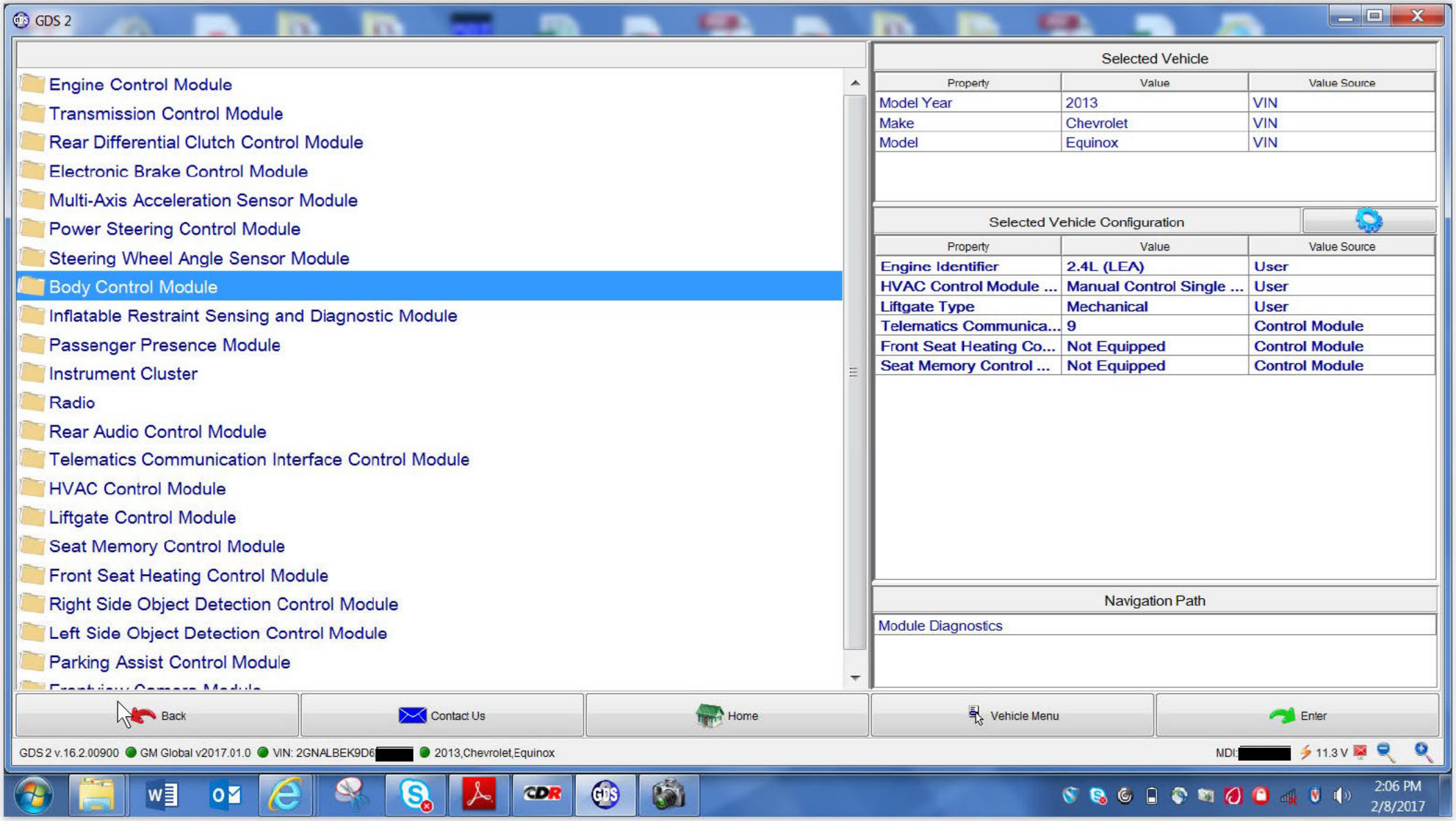
GDS 2
Engine Control Module
Transmission Control Module
Rear Differential Clutch Control Module
Electronic Brake Control Module
Multi-Axis Acceleration Sensor Module
Power Steering Control Module
Steering Wheel Angle Sensor Module
Body Control Module
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Passenger Presence Module
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Seat Memory Control Module
Front Seat Heating Control Module
Right Side Object Detection Control Module
Left Side Object Detection Control Module
Parking Assist Control Module
Selected Vehicle
Property Value Value Source
Model Year 2013 VIN
Make Chevrolet VIN
Model Equinox VIN
Selected Vehicle Configuration
Property Value Value Source
Engine Identifier 2.4L (LEA) User
HVAC Control Module ... Manual Control Single ... User
Liftgate Type Mechanical User
Telematics Communica... 9 Control Module
Front Seat Heating Co... Not Equipped Control Module
Seat Memory Control ... Not Equipped Control Module
Navigation Path
Module Diagnostics
Back
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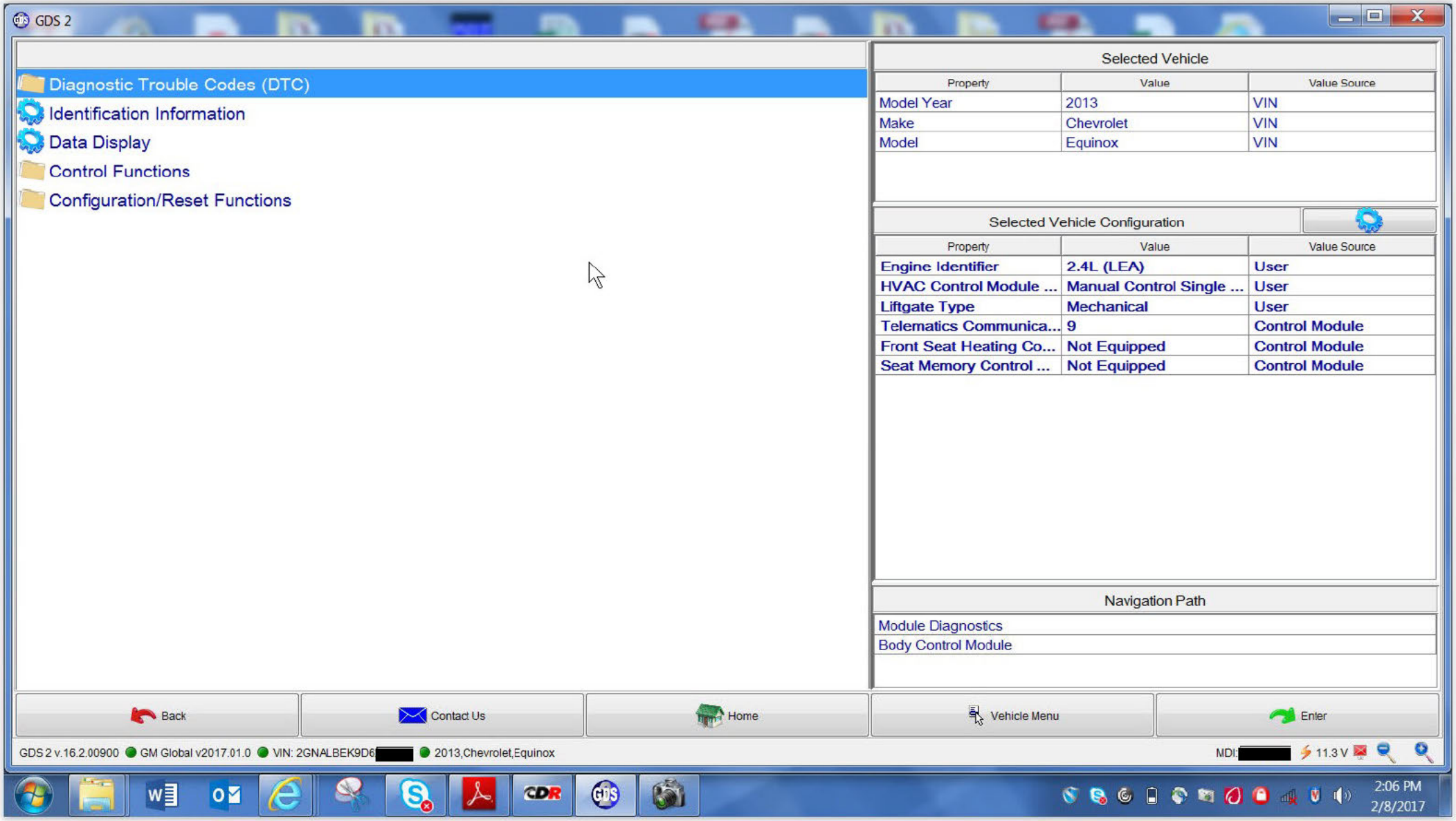
Vehicle Menu
Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.3 V
2:06 PM
2/8/2017


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
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Front Seat Heating Co...
Not Equipped
Control Module
Seat Memory Control ...
Not Equipped
Control Module
Navigation Path
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Body Control Module
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Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
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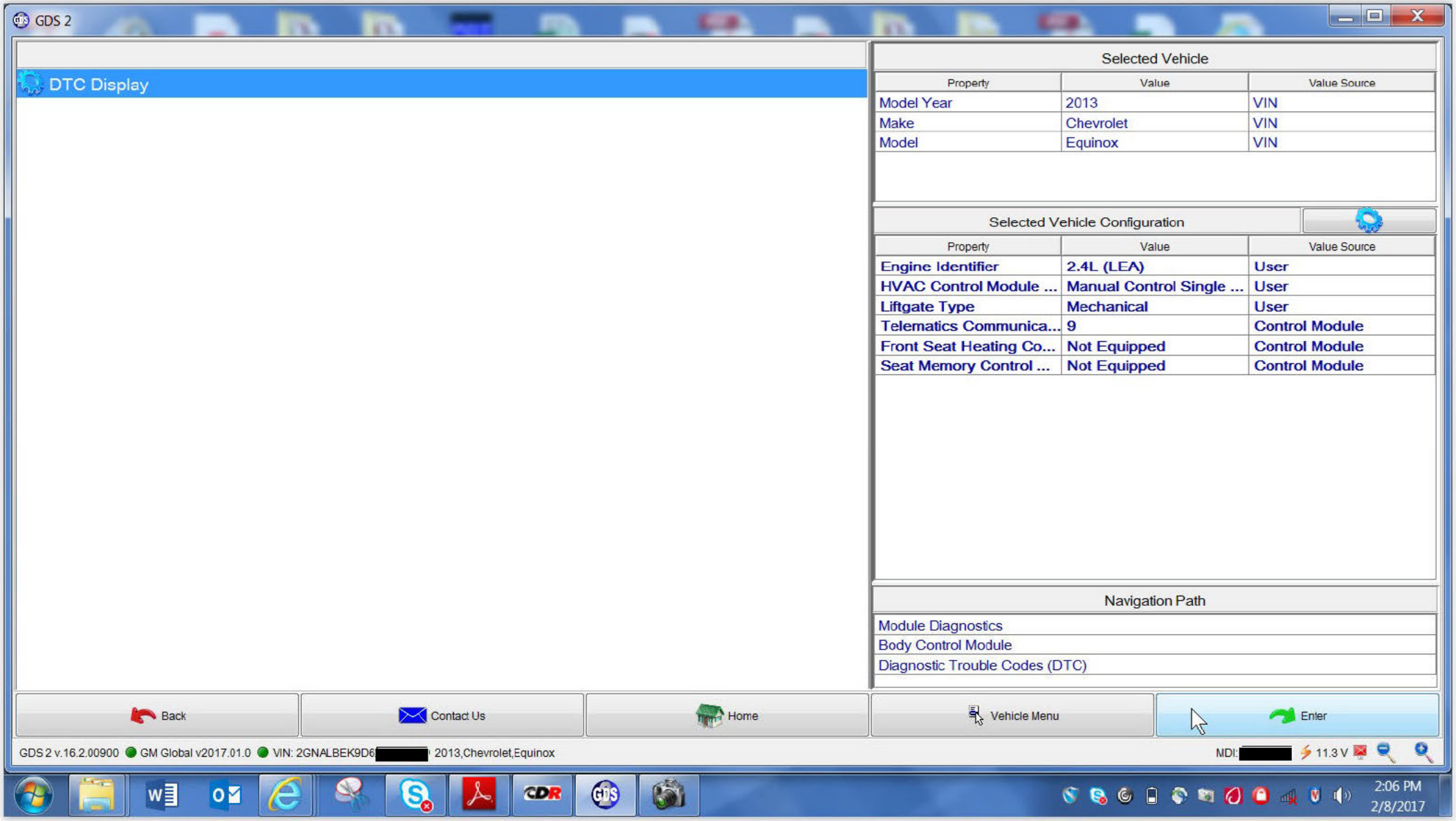
2:06 PM
2/8/2017


GDS 2
DTC Display
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
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Property
Value
Value Source
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Manual Control Single ...
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Liftgate Type
Mechanical
User
Telematics Communica...
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Control Module
Seat Memory Control ...
Not Equipped
Control Module
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VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
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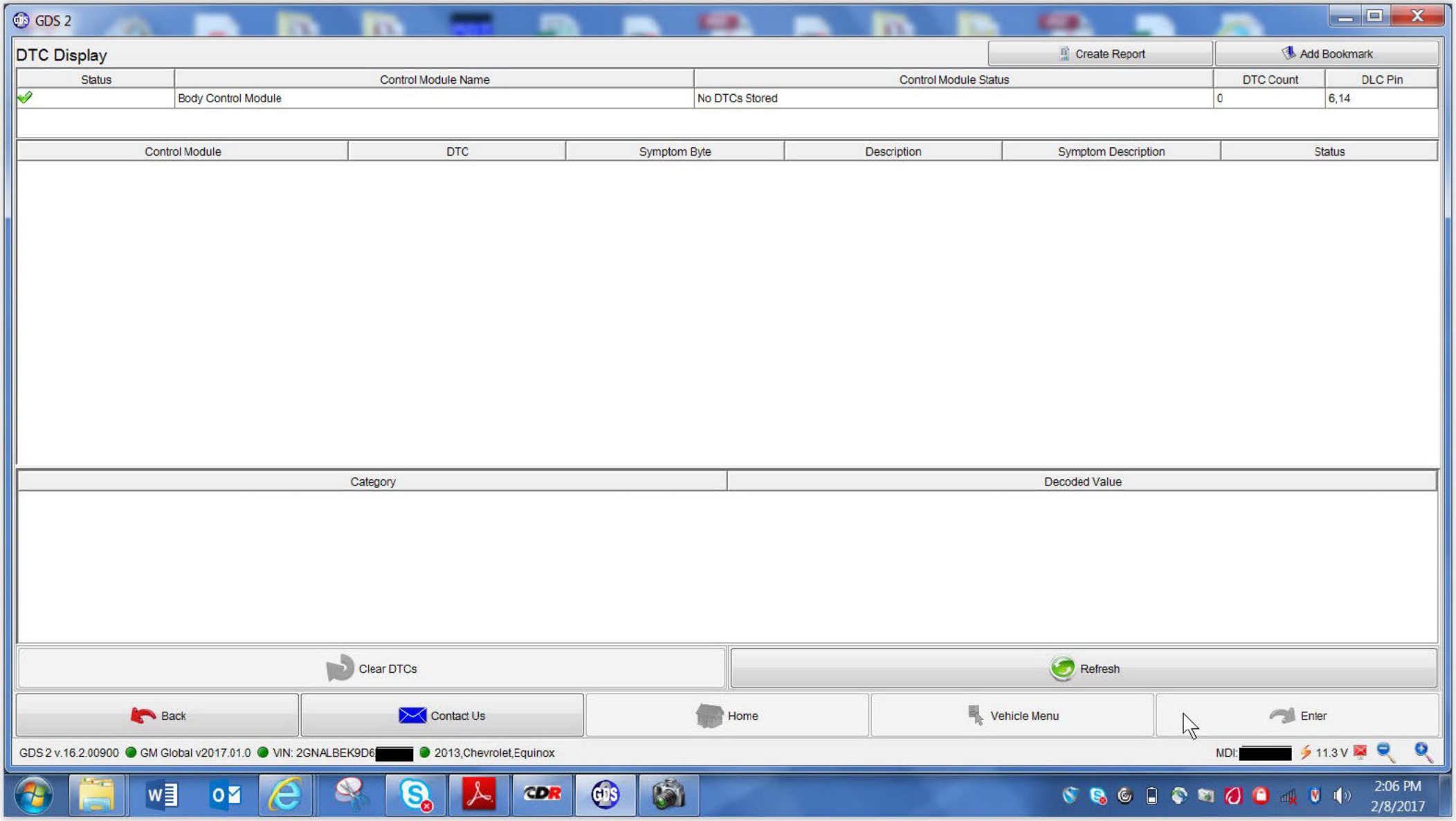
2:06 PM
2/8/2017


GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Body Control Module
No DTCs Stored
0
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
Back
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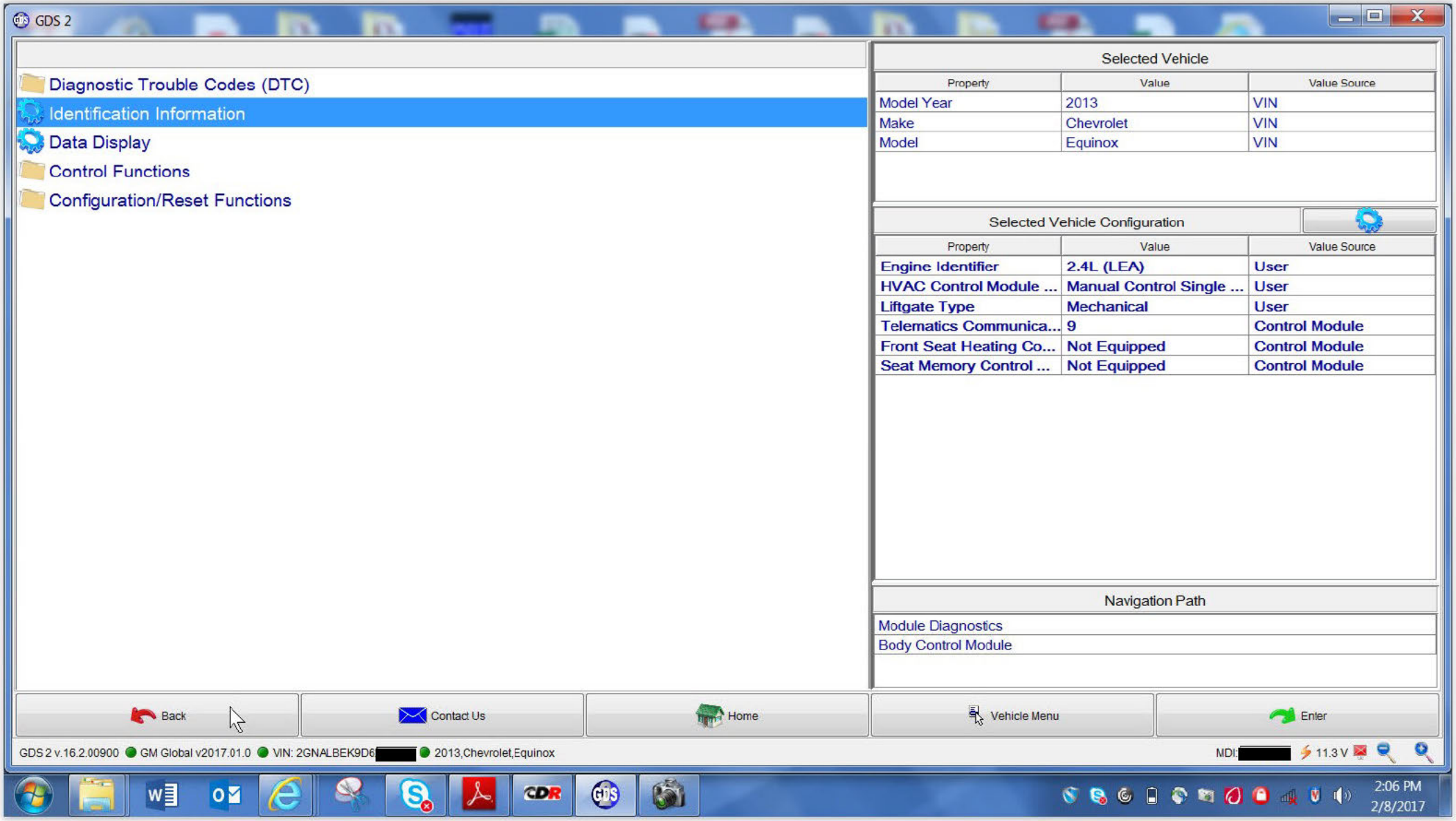
Vehicle Menu
Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.3 V
2:06 PM
2/8/2017


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
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Value
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HVAC Control Module ...
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User
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Mechanical
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Telematics Communica...
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Control Module
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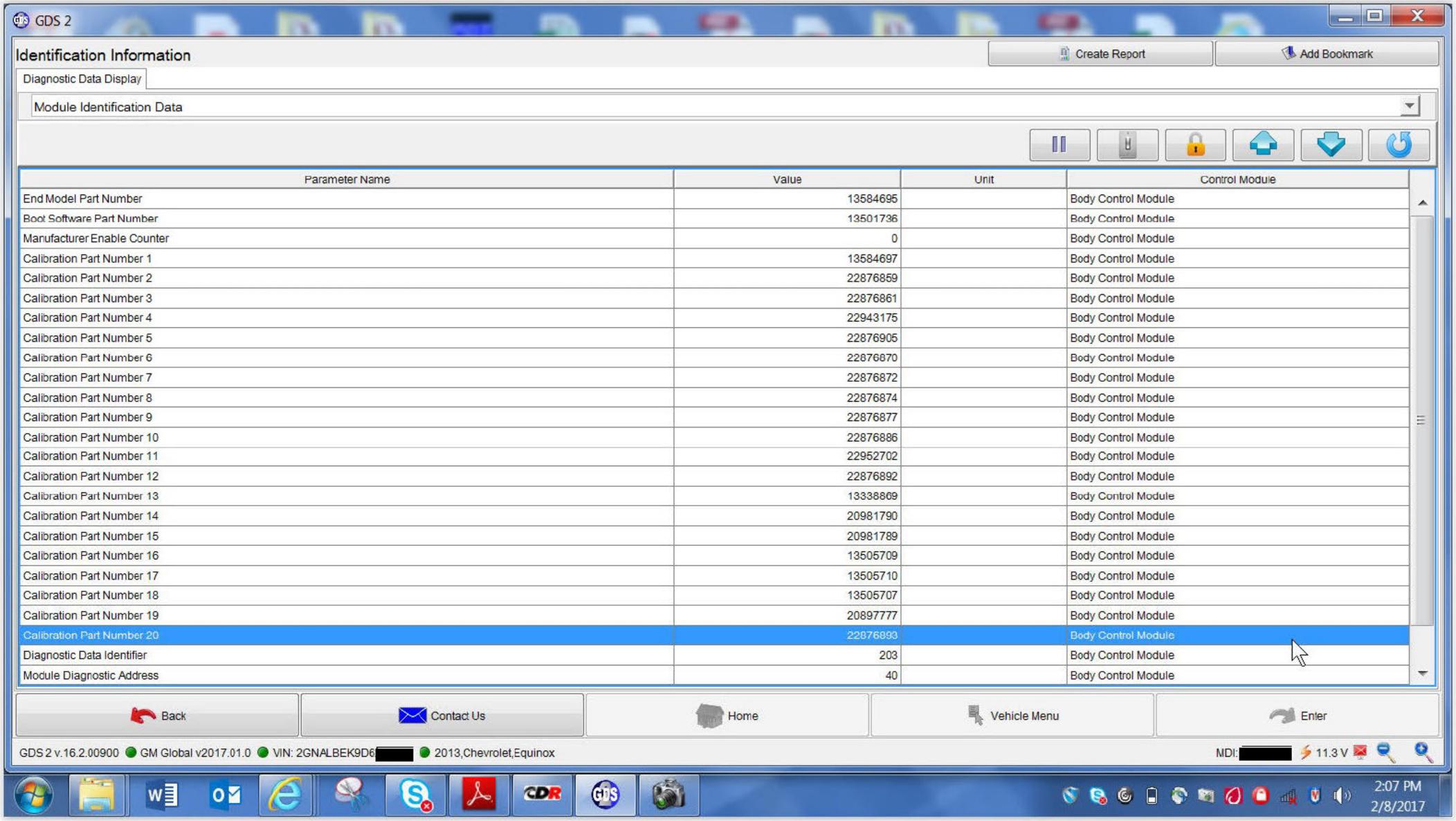
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.3 V
2:06 PM
2/8/2017


GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Module Identification Data
Parameter Name
Value
Unit
Control Module
End Model Part Number 13584695 Body Control Module
Boot Software Part Number 13501736 Body Control Module
Manufacturer Enable Counter 0 Body Control Module
Calibration Part Number 1 13584697 Body Control Module
Calibration Part Number 2 22876859 Body Control Module
Calibration Part Number 3 22876861 Body Control Module
Calibration Part Number 4 22943175 Body Control Module
Calibration Part Number 5 22876905 Body Control Module
Calibration Part Number 6 22876870 Body Control Module
Calibration Part Number 7 22876872 Body Control Module
Calibration Part Number 8 22876874 Body Control Module
Calibration Part Number 9 22876877 Body Control Module
Calibration Part Number 10 22876886 Body Control Module
Calibration Part Number 11 22952702 Body Control Module
Calibration Part Number 12 22876892 Body Control Module
Calibration Part Number 13 13338869 Body Control Module
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Calibration Part Number 15 20981789 Body Control Module
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Calibration Part Number 17 13505710 Body Control Module
Calibration Part Number 18 13505707 Body Control Module
Calibration Part Number 19 20897777 Body Control Module
Calibration Part Number 20 22876893 Body Control Module
Diagnostic Data Identifier 203 Body Control Module
Module Diagnostic Address 40 Body Control Module
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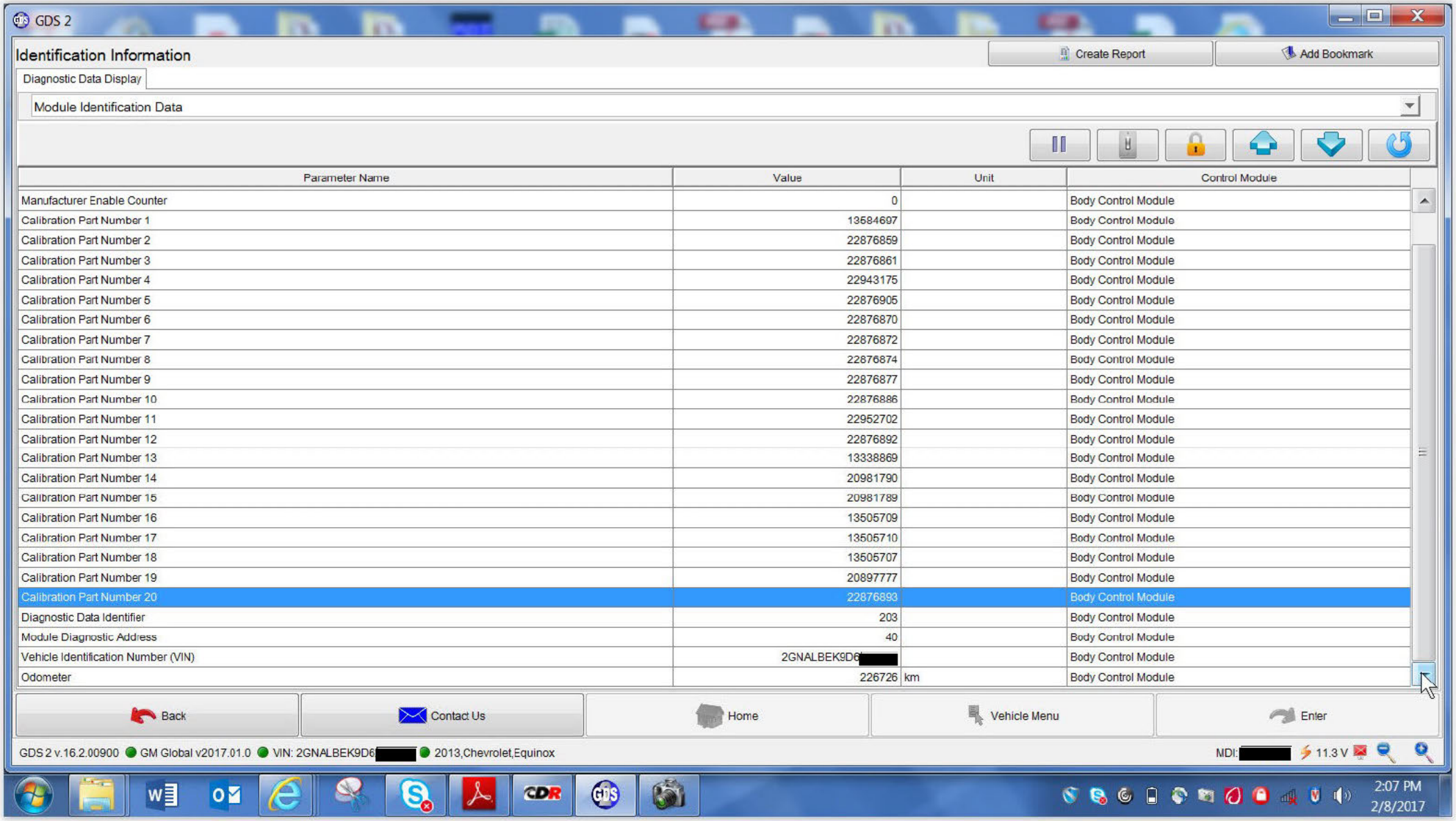
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.3 V
2:07 PM
2/8/2017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Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Module Identification Data
Parameter Name
Value
Unit
Control Module
Manufacturer Enable Counter 0 Body Control Module
Calibration Part Number 1 13584697 Body Control Module
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Calibration Part Number 17 13505710 Body Control Module
Calibration Part Number 18 13505707 Body Control Module
Calibration Part Number 19 20897777 Body Control Module
Calibration Part Number 20 22876893 Body Control Module
Diagnostic Data Identifier 203 Body Control Module
Module Diagnostic Address 40 Body Control Module
Vehicle Identification Number (VIN) 2GNALBEK9D6[redacted] Body Control Module
Odometer 226726 km Body Control Module
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Enter
GDS 2 v.16.2.00900
GM Global v2017.01.0
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2013,Chevrolet,Equinox
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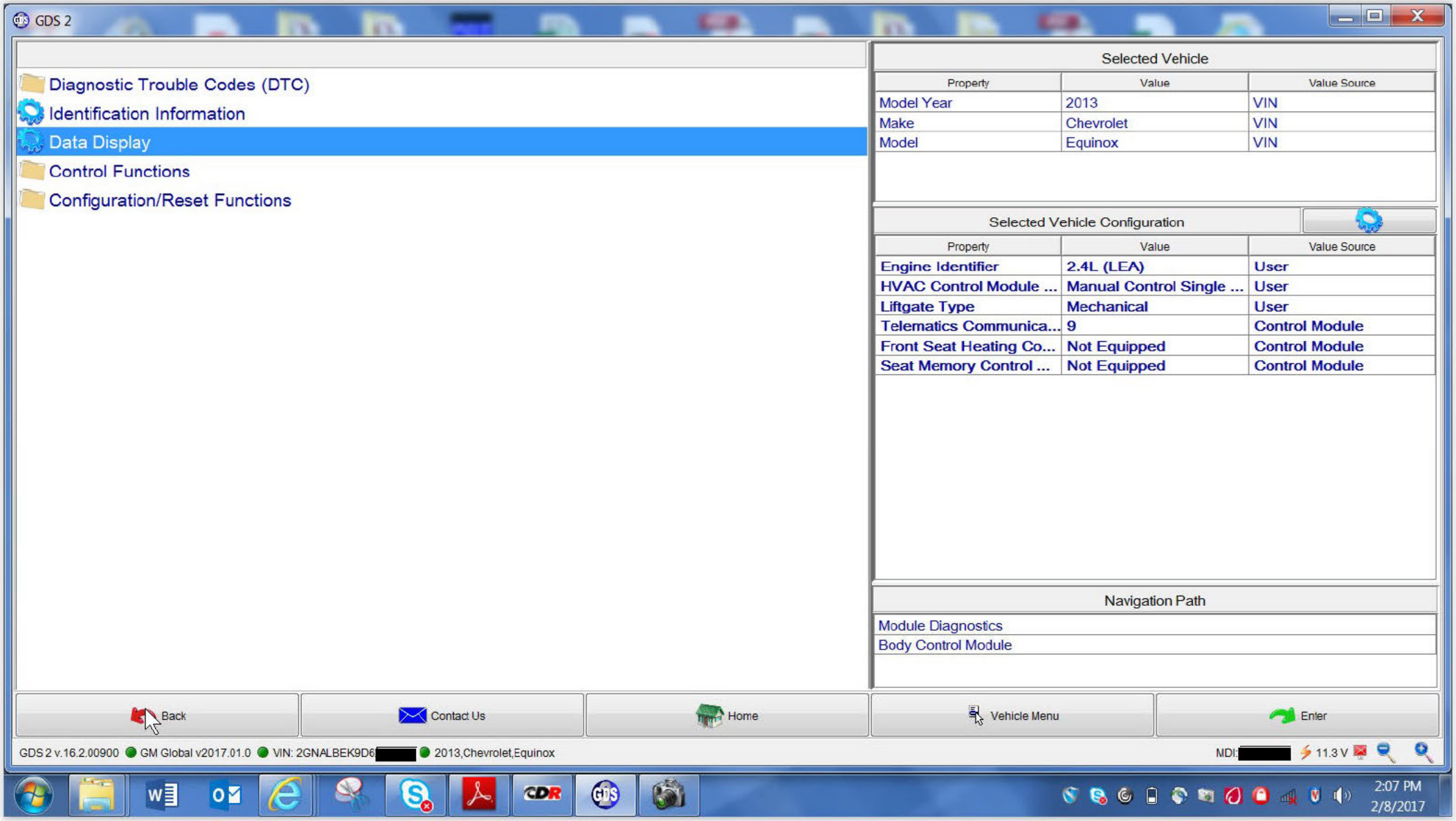
2/8/2017


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Identifier
2.4L (LEA)
User
HVAC Control Module ...
Manual Control Single ...
User
Liftgate Type
Mechanical
User
Telematics Communica...
9
Control Module
Front Seat Heating Co...
Not Equipped
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Seat Memory Control ...
Not Equipped
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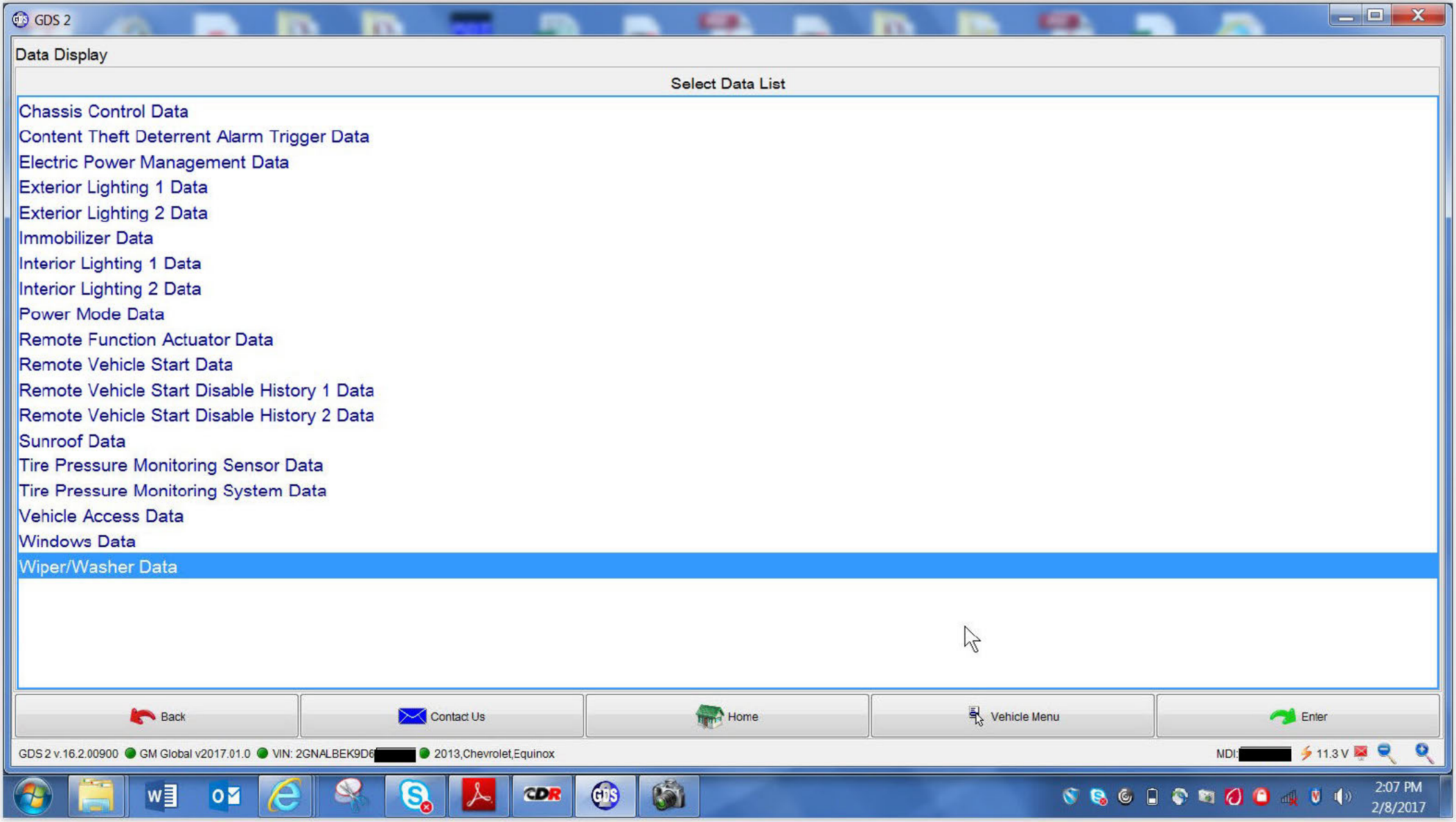
2/8/2017


GDS 2
Data Display
Select Data List
Chassis Control Data
Content Theft Deterrent Alarm Trigger Data
Electric Power Management Data
Exterior Lighting 1 Data
Exterior Lighting 2 Data
Immobilizer Data
Interior Lighting 1 Data
Interior Lighting 2 Data
Power Mode Data
Remote Function Actuator Data
Remote Vehicle Start Data
Remote Vehicle Start Disable History 1 Data
Remote Vehicle Start Disable History 2 Data
Sunroof Data
Tire Pressure Monitoring Sensor Data
Tire Pressure Monitoring System Data
Vehicle Access Data
Windows Data
Wiper/Washer Data
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GDS 2 v.16.2.00900
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VIN: 2GNALBEK9D6
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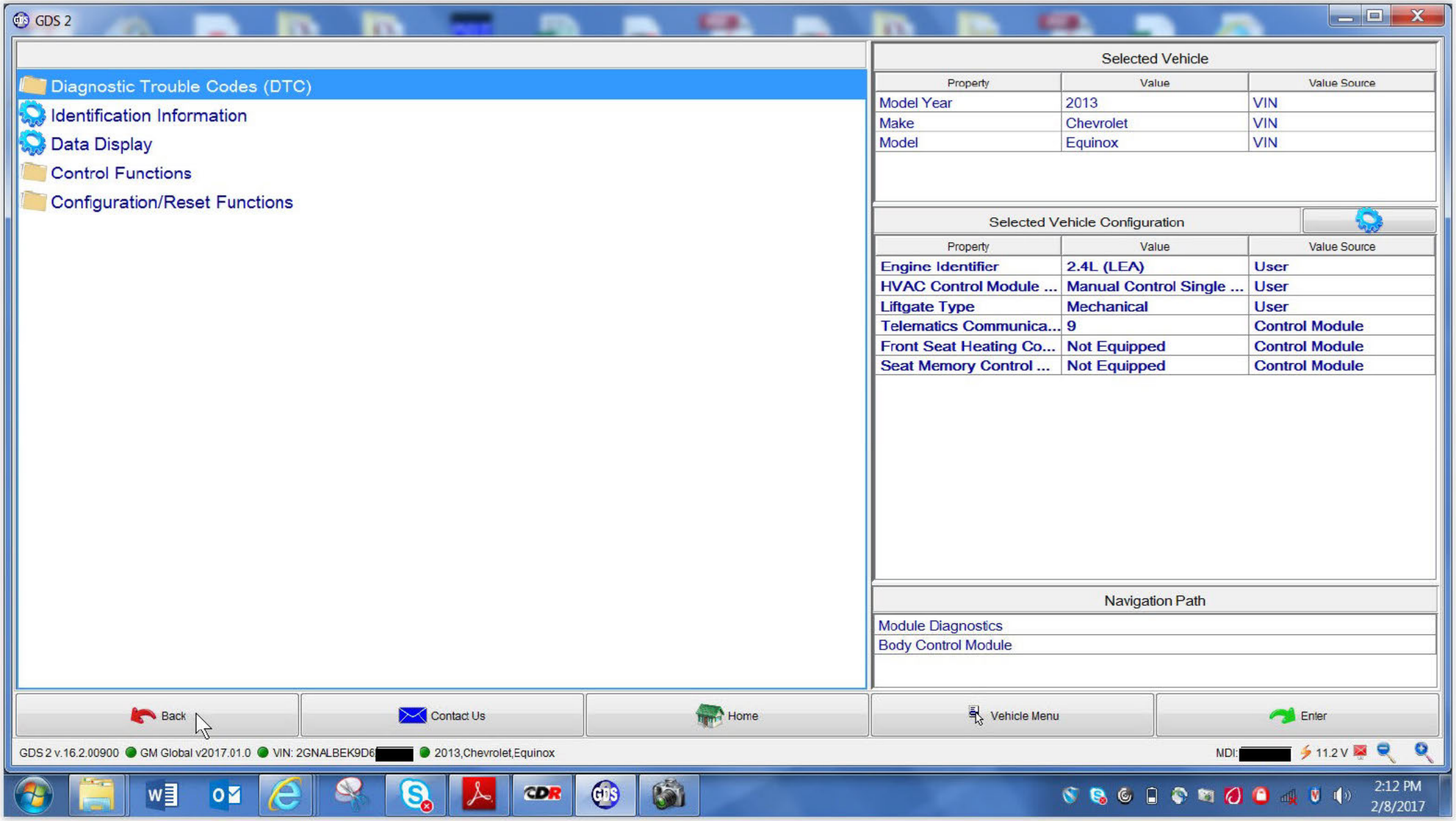
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Selected Vehicle
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Engine Identifier
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Liftgate Type
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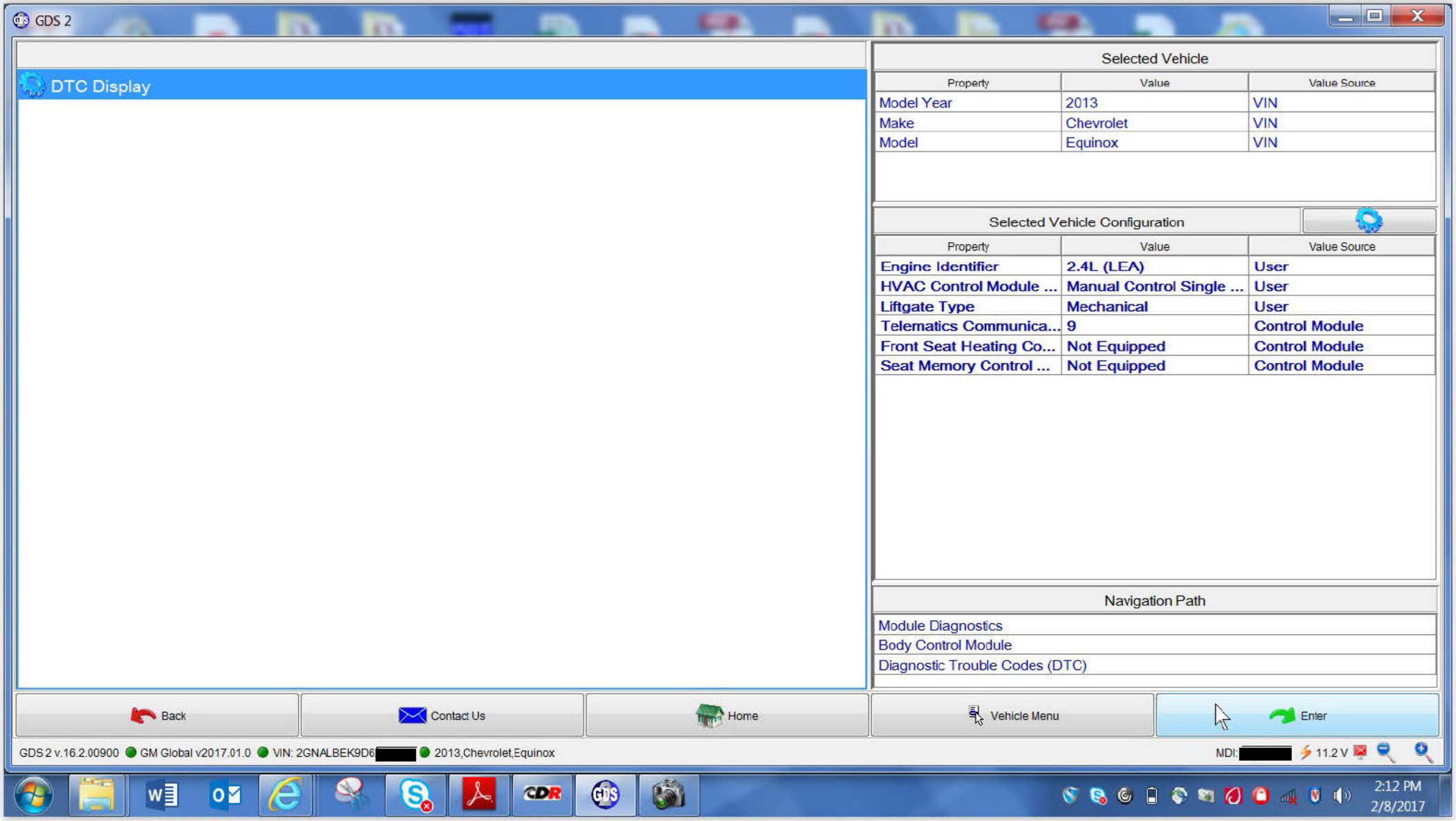
GDS 2 v.16.2.00900
GM Global v2017.01.0
VIN: 2GNALBEK9D6
2013,Chevrolet,Equinox
MDI:
11.2 V
2:12 PM
2/8/2017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Value
Value Source
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VIN
Make
Chevrolet
VIN
Model
Equinox
VIN
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User
Liftgate Type
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User
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Not Equipped
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GDS 2 v.16.2.00900
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2013,Chevrolet,Equinox
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11.2 V
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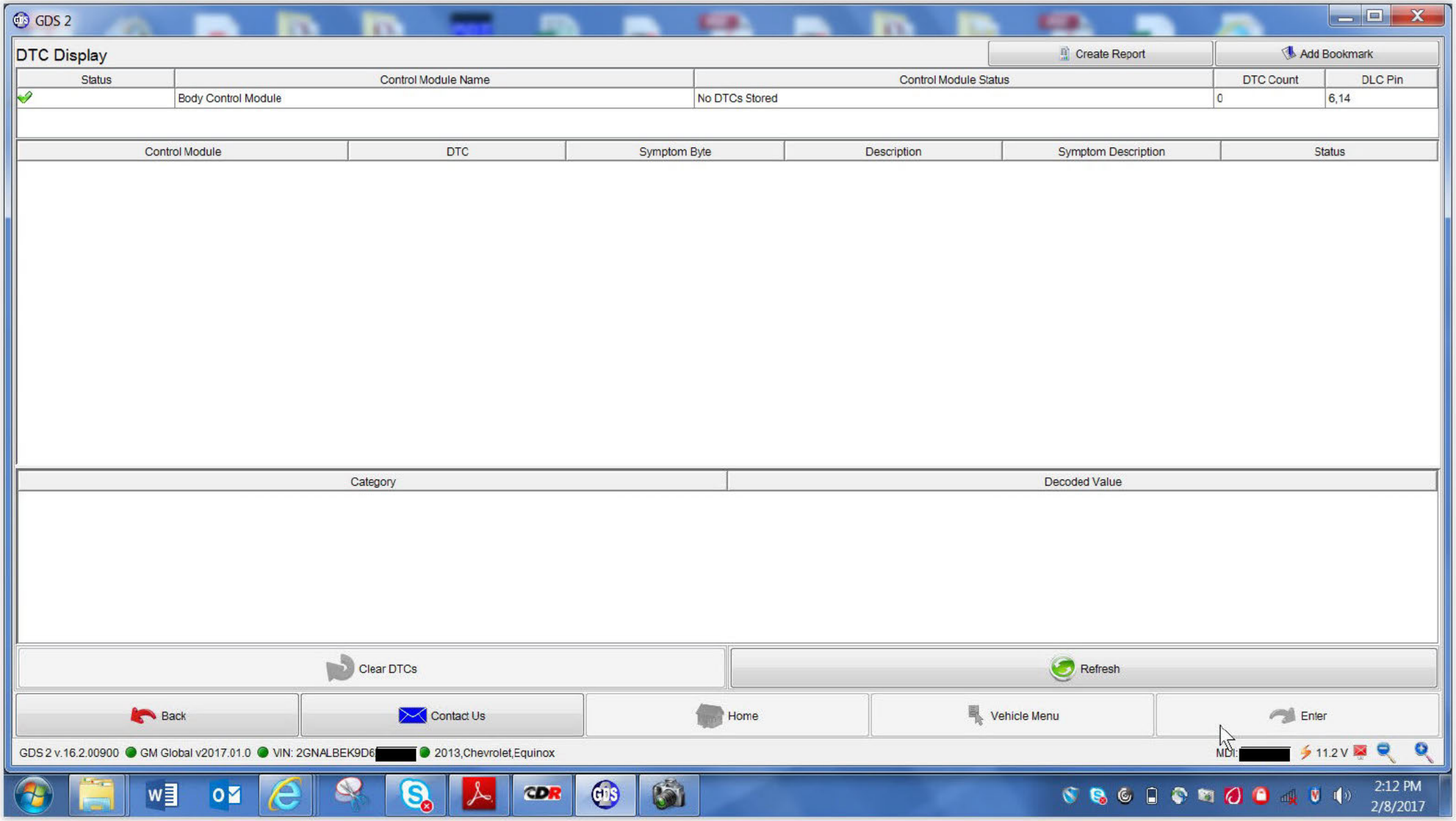
GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Body Control Module
No DTCs Stored
0
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
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Enter
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GM Global v2017.01.0
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2013,Chevrolet,Equinox
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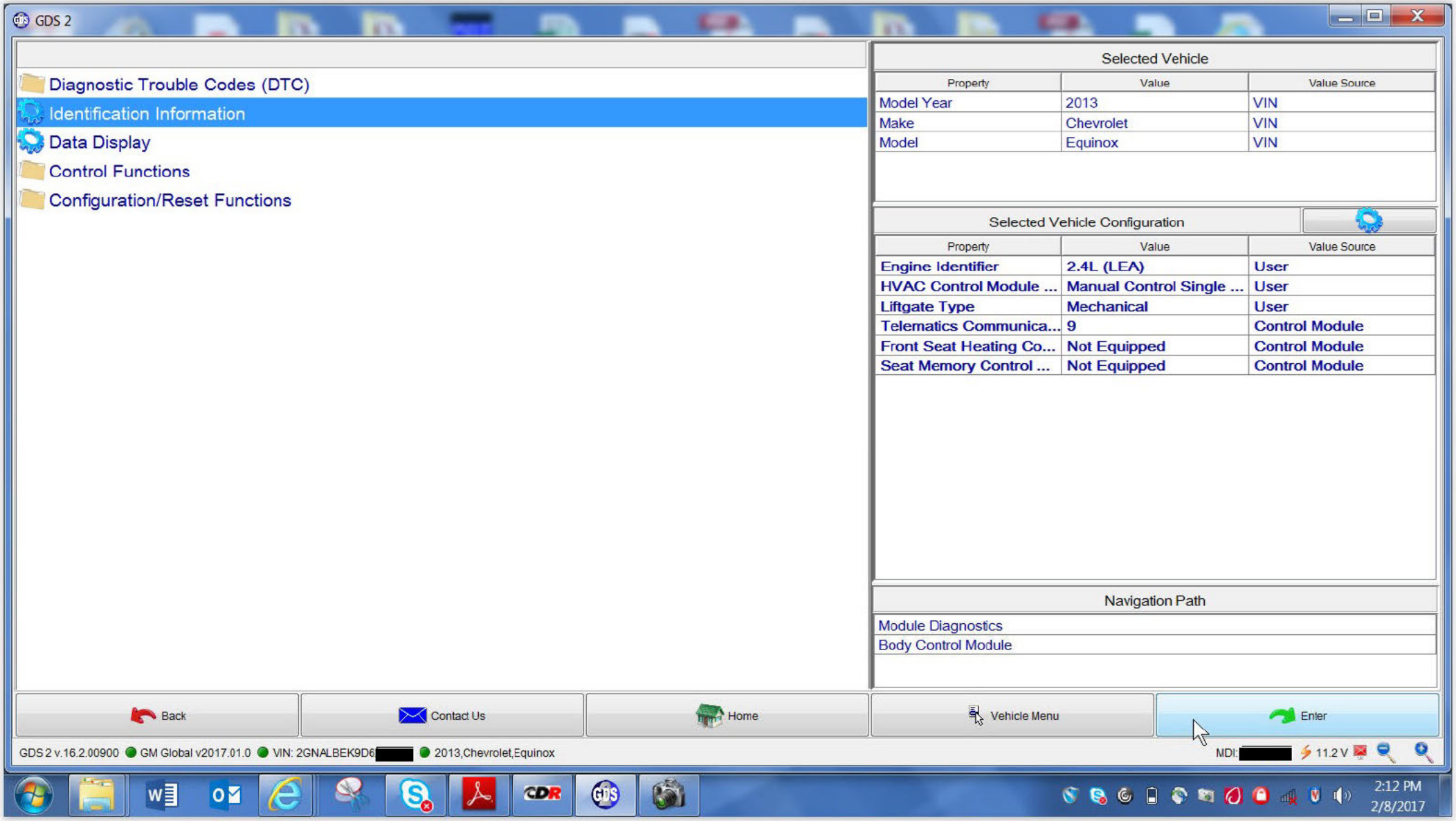
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Value
Value Source
Model Year
2013
VIN
Make
Chevrolet
VIN
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Telematics Communica...
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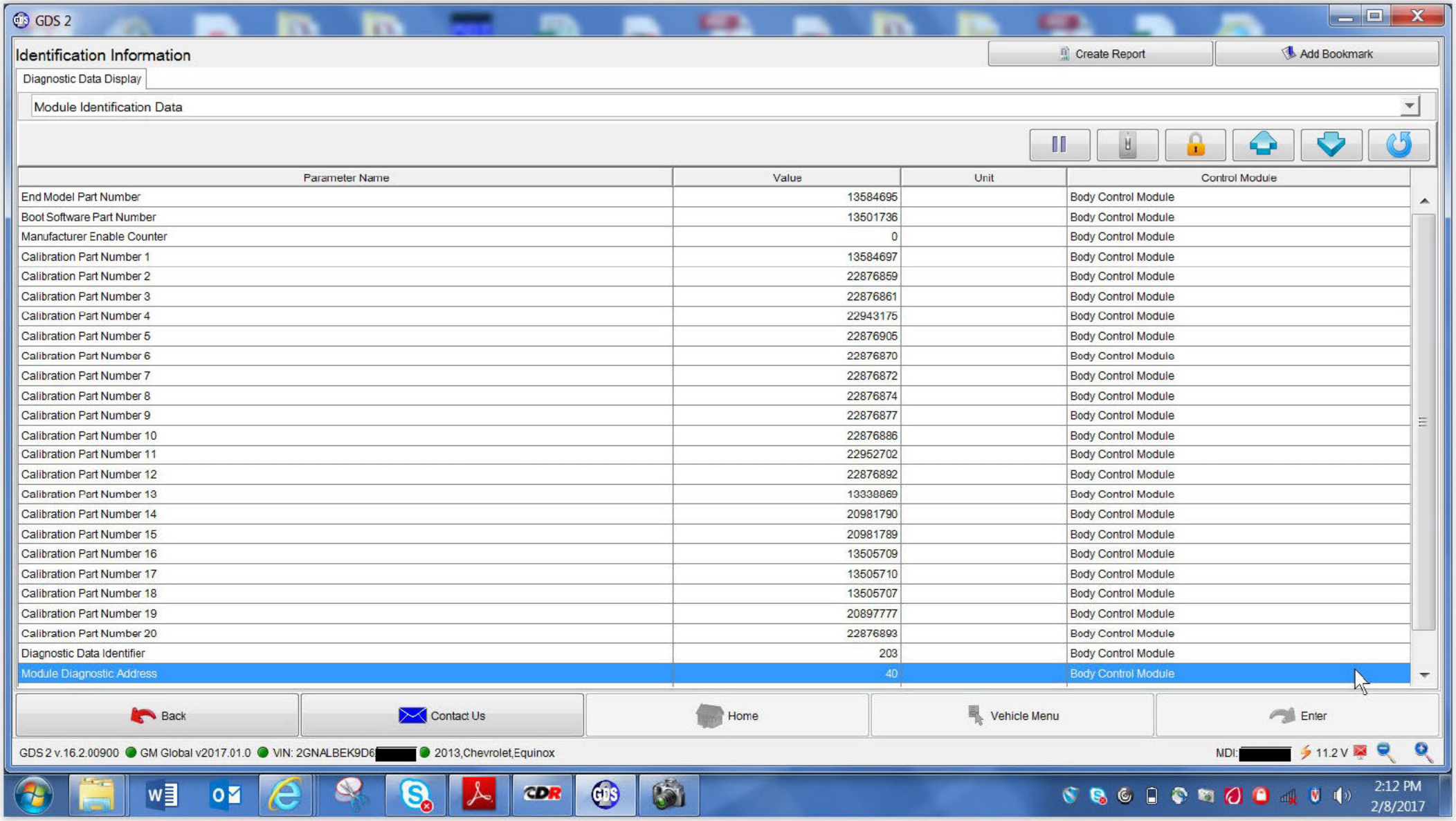
GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Module Identification Data
Parameter Name
Value
Unit
Control Module
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Boot Software Part Number 13501736 Body Control Module
Manufacturer Enable Counter 0 Body Control Module
Calibration Part Number 1 13584697 Body Control Module
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Calibration Part Number 3 22876861 Body Control Module
Calibration Part Number 4 22943175 Body Control Module
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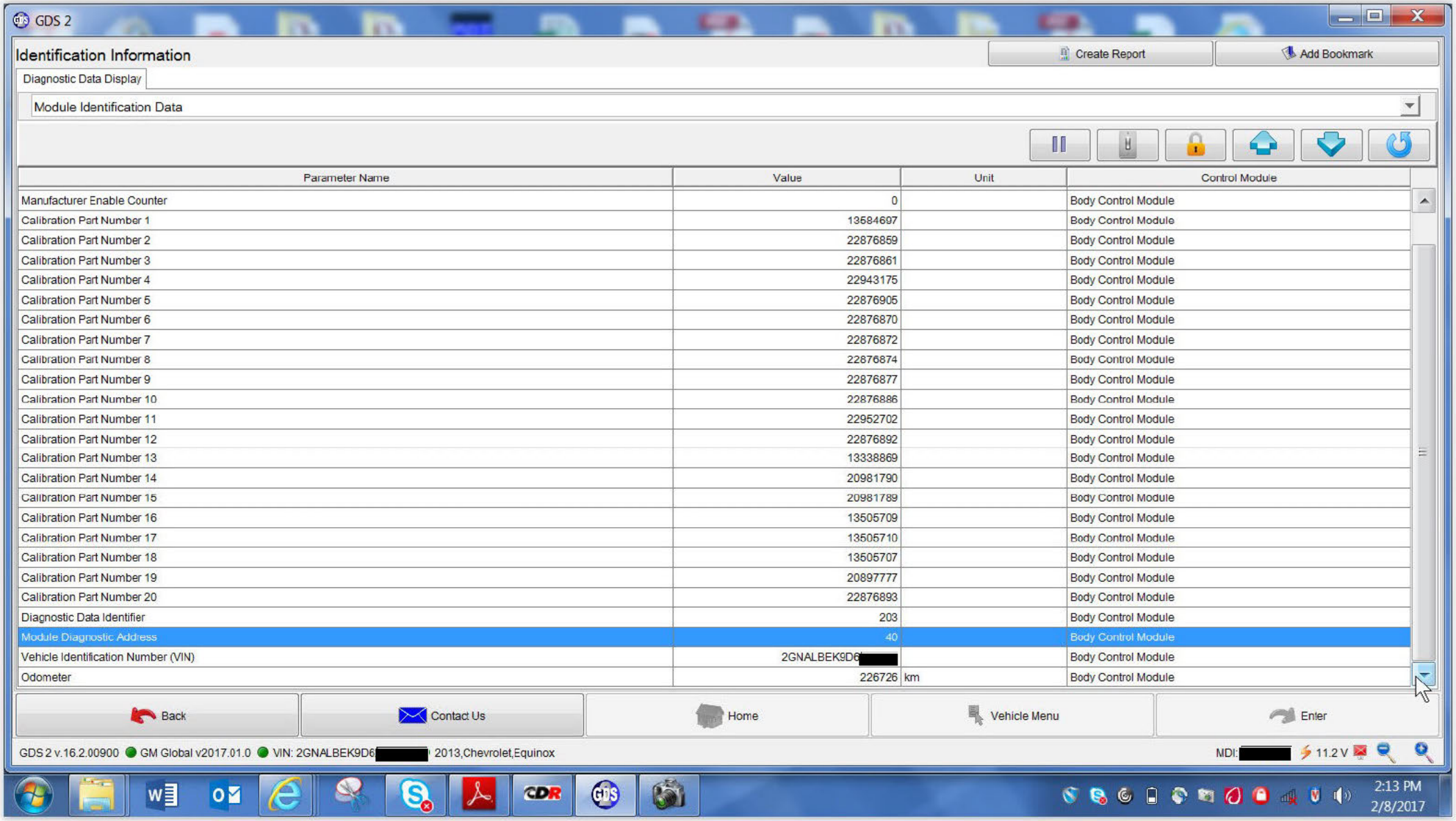
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Diagnostic Data Identifier 203 Body Control Module
Module Diagnostic Address 40 Body Control Module
Vehicle Identification Number (VIN) 2GNALBEK9D6[redacted] Body Control Module
Odometer 226726 km Body Control Module
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GDS 2 v.16.2.00900 GM Global v2017.01.0 VIN: 2GNALBEK9D6[redacted] 2013,Chevrolet,Equinox
MDI:[redacted] 11.2 V
2:13 PM
2/8/2017

ESIS/GM Central Claims Unit
PO Box 300
Mail Code 482 C19 B61
Detroit, MI 48265-3000

[redacted]

ESIS®

Arlen Smith
Claims Administrator
arlen.smith@gm.com

1/12/2017

[redacted]

RE: Claimant: [redacted]
Our File No.: [redacted]
Our Client: General Motors LLC
Date/Event: 12/21/2016
VIN: 2GNALBEK9D6[redacted]

Dear [redacted]:

I am writing to confirm my conversation with your mother [redacted] regarding your accident of 12/21/2016 in a 2013 Chevrolet Equinox. ESIS provides administrative claims handling services to General Motors LLC (GM) in connection with product liability claims against GM. They have referred your claim to our office for further handling. Please address all future correspondence to my attention.

ESIS is undertaking an investigation of your claim on behalf of GM. Conducting this investigation and responding to your claim is not a waiver of any defense that GM may have to your claim. GM expressly reserves its right to assert any defense. In undertaking to investigate your claim, ESIS and GM make no promise, representation, or statement that either will make any payment of your claim and ESIS and GM expressly reserve the right, in their discretion, to deny your claim and make no payment.

To assist us in the investigation of your claim, we request that you provide us with the following information:

1. Documentation to substantiate the amount of damages to your vehicle;
2. All medical records concerning the injuries suffered as a result of this accident. An *Authorization for Use and/or Disclosure of Confidential Medical Information* form is enclosed to assist our office in obtaining these records. Please provide the names and complete addresses for all medical providers who treated the injuries sustained in the above accident. Please be advised that we may or may not use the medical records to evaluate your claim;
3. Original photographs (or color copies) taken by you, or someone on your behalf, of the vehicle that is the basis of your claim;
4. Copy of the accident report;
5. Current location of the vehicle.

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Once we have completed our investigation, a review of your claim will be conducted.
Please be advised that you have an obligation and responsibility to ensure that the subject vehicle and its related components are maintained and preserved in their immediate post-incident condition for as long as you intend to pursue a claim and/or cause of action.

Should you have any questions regarding this letter or your claim, please feel free to contact me directly at 1.800.888.0164, Monday through Friday, 8:00 a.m. to 4:30 p.m., EST.

Sincerely,

[redacted]

Arlen Smith
Claims Administrator

Enclosure

[redacted] [redacted]

ESIS®

Arlen Smith
Claim Administrator

March 20, 2017

[redacted]

RE: Claimant: [redacted]
Our File No.: [redacted]
Our Client: General Motors LLC
Date/Event: 12/21/2016
Vehicle: 2013 Chevrolet Equinox
VIN: 2GNALBEK9D6[redacted]

Dear [redacted]

This will confirm that we have completed our review of your claim regarding alleged defects to the 2013 Chevrolet Equinox. At this time, based on all documentation received and reviewed, ESIS, on behalf of General Motors LLC, will not be in a position to honor your request for damages. If you have any additional evidence that supports your claim of a product defect, please forward it to my attention for further review.

Please note that you have an obligation and responsibility to ensure that the subject vehicle and its related components are maintained and preserved in their immediate post-incident condition for as long as there is intent to pursue a claim and/or cause of action.

Sincerely,

[redacted]

Arlen Smith

esis

[redacted]

[redacted]

Arlen Smith
Claims Administrator

January 12, 2017

[redacted]

RE: Claimant: [redacted]
Our File No.:
Our Client: General Motors LLC
Date/Event: 12/21/2016
VIN: 2GNALBEK9D6[redacted]

Dear [redacted]:

I am writing to confirm our conversation of January 12, 2017 during which you agreed to allow us to inspect your 2013 Chevrolet Equinox and retrieve certain data from the air bag system. I estimate the inspection will take about 3 hours.

ESIS is undertaking an investigation of your claim on behalf of GM. Conducting this investigation and responding to your claim is not a waiver of any defense that GM may have to your claim. GM expressly reserves its right to assert any defense. In undertaking to investigate your claim, ESIS and GM make no promise, representation, or statement that either will make any payment of your claim and ESIS and GM expressly reserve the right, in their discretion, to deny your claim and make no payment.

As part of the inspection, we will likely take photographs and measurements. Also, your vehicle is equipped with an air bag Sensing and Diagnostic Module (SDM). As explained in the Owner's Manual, in addition to its other functions, the SDM is capable of recording information about the air bag system and other crash related data in an air bag deployment event and some near-deployment crashes. The SDM in your vehicle may also record the following pre-crash data: vehicle speed, throttle position, brake application and engine RPM for 5 seconds prior to the deployment or near deployment event. As part of our investigation, we will download the SDM data using the publicly available Bosch Crash Data Retrieval (CDR) system software. We will provide you with a copy of the data obtained at the time we retrieve it or as soon after as is practical.

Please note the potential GM uses of this crash data once GM has a copy in its files. Once collected, the SDM crash data is available for GM's research needs. Also, in summary form, this information may be provided to non-GM organizations (i) which have a reasonable need for it, (ii) which have a demonstrated ability to utilize such data, and (iii) which are expected to use it for studies aimed at improving safety to the benefit of the public at large, the auto industry, or GM. However, information which ties SDM crash data to a particular vehicle, such as VIN, owner name, or date and location, will generally not be disclosed by GM other than (a) to the involved owner/lessee or his/her designated agent, (b) in response to an official request of police or similar government office, (c) for research where appropriate confidentiality is maintained and need is shown, (d) as part of GM's defense of litigation involving the subject vehicle or other GM products, or (e) as otherwise required by law.

In addition to the SDM data described above, information regarding the status of the electronic components in your vehicle's air bag system (or other electronic systems) may be scanned through the use of an available electronic scan tool known as a Tech II or a Multiple Diagnostic Interface (MDI) which are commonly used by authorized dealership vehicle service technicians. If Tech II or MDI scan information is obtained from those scans it can be made available at your request.

esis

If you have any additional questions about our upcoming inspection, you can contact me at [redacted] Monday through Friday from 8:00 AM to 4:30 PM.

Sincerely,

[redacted]

Arlen Smith

Photos for Lot #[redacted]

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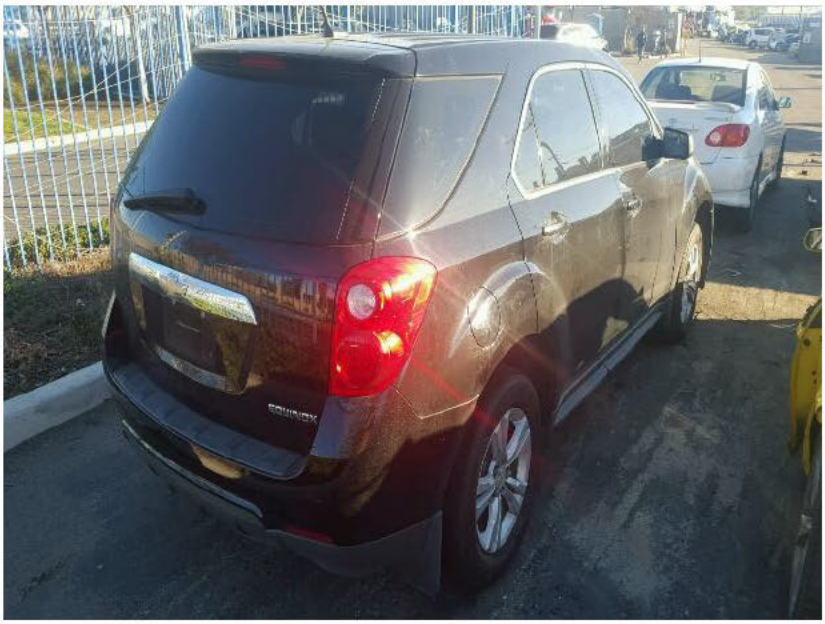

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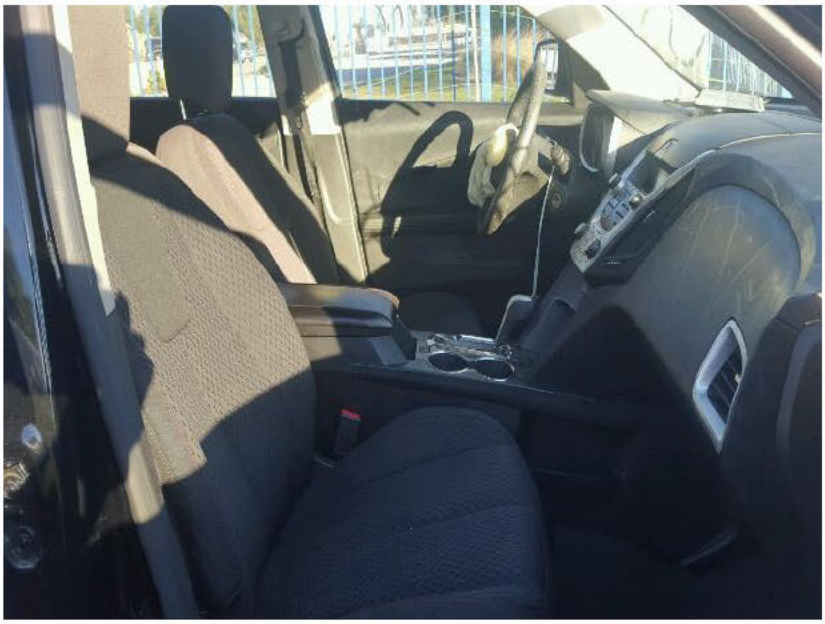

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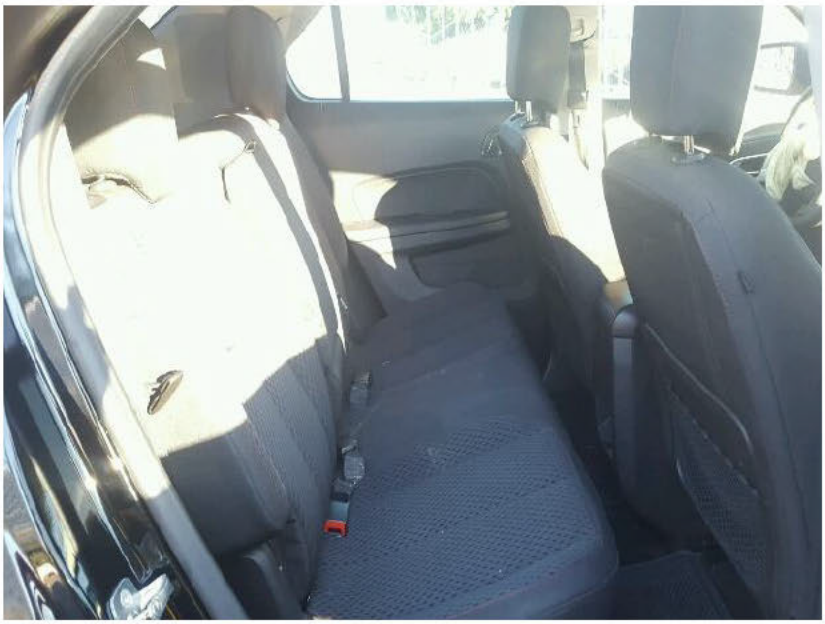

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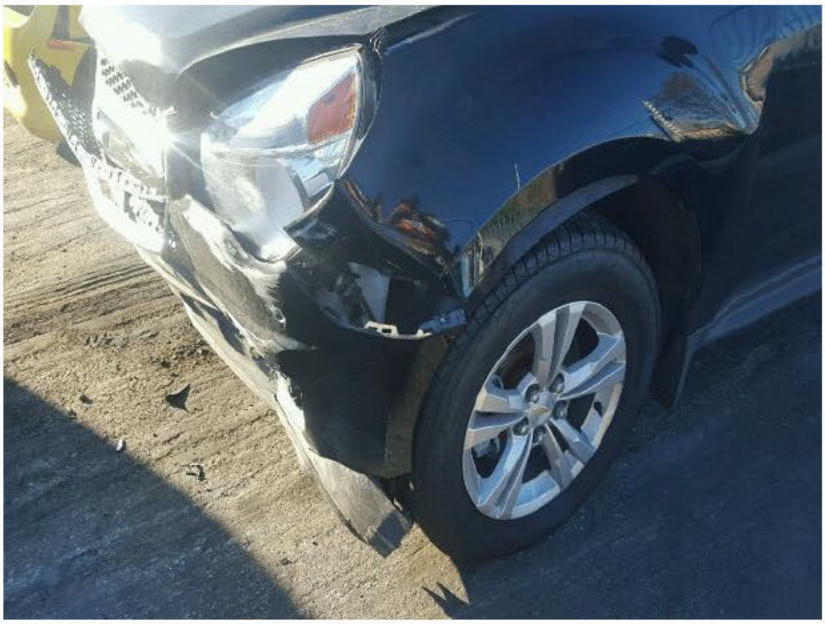

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2013 CHEVROLET EQUINOX LS ★ Watch

[redacted]

Lot # [redacted]	Glossary •
Doc Type:	
Odometer:	140,881 mi (ACTUAL) •
Highlights:	Engine Start Program •
Primary Damage:	FRONT END
Secondary Damage:	
Est. Retail Value:	$12,136 USD
VIN:	2GNA1BEK9D6[redacted]
Body Style:	4DR SPOR
Color:	BLACK
Engine Type:	
Drive:	
Cylinders:	
Fuel:	
Keys:	YES
Notes:	

Bid Information

Bid Status:	Never Bid
Sale Status:	Not On Sale
Current Bid:	$0 USD
Starting Bid:	$
	($90 USD Minimum Starting Bid)
Maximum Bid:	$

Bid Now

This vehicle is being sold as as is - where is. All bids are binding and all sales are final.

What This Means

Sale Information

Location:	CA - SAN BERNARDINO Inspection Services
Lane/Item/Grid/Row	-/0/J080
Sale Date:	Not Applicable


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2GNALBEK9D6
[redacted]


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2GNALBEK9D6
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CAMI


MFD BY GENERAL MOTORS OF CANADA LTD.
[redacted]
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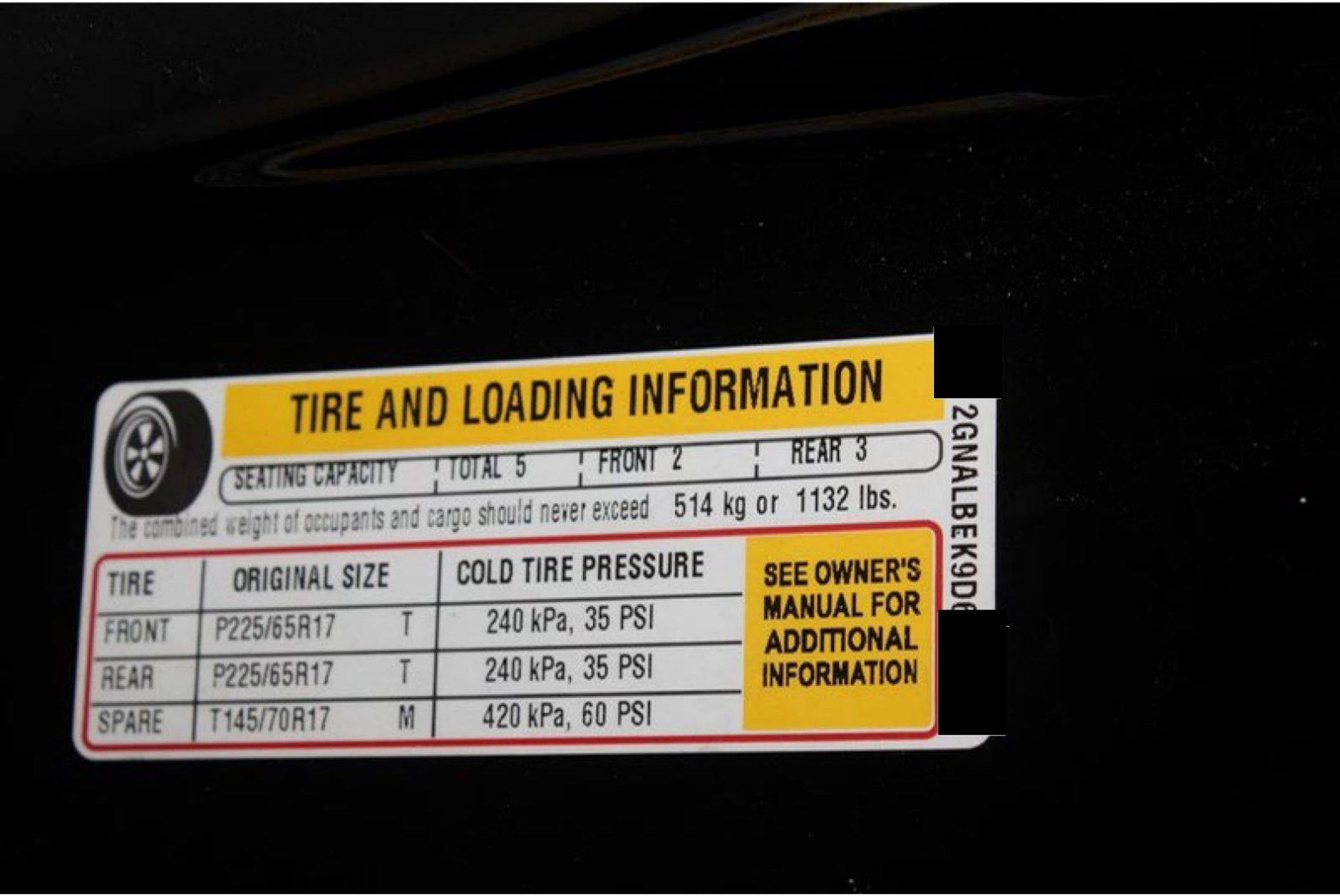
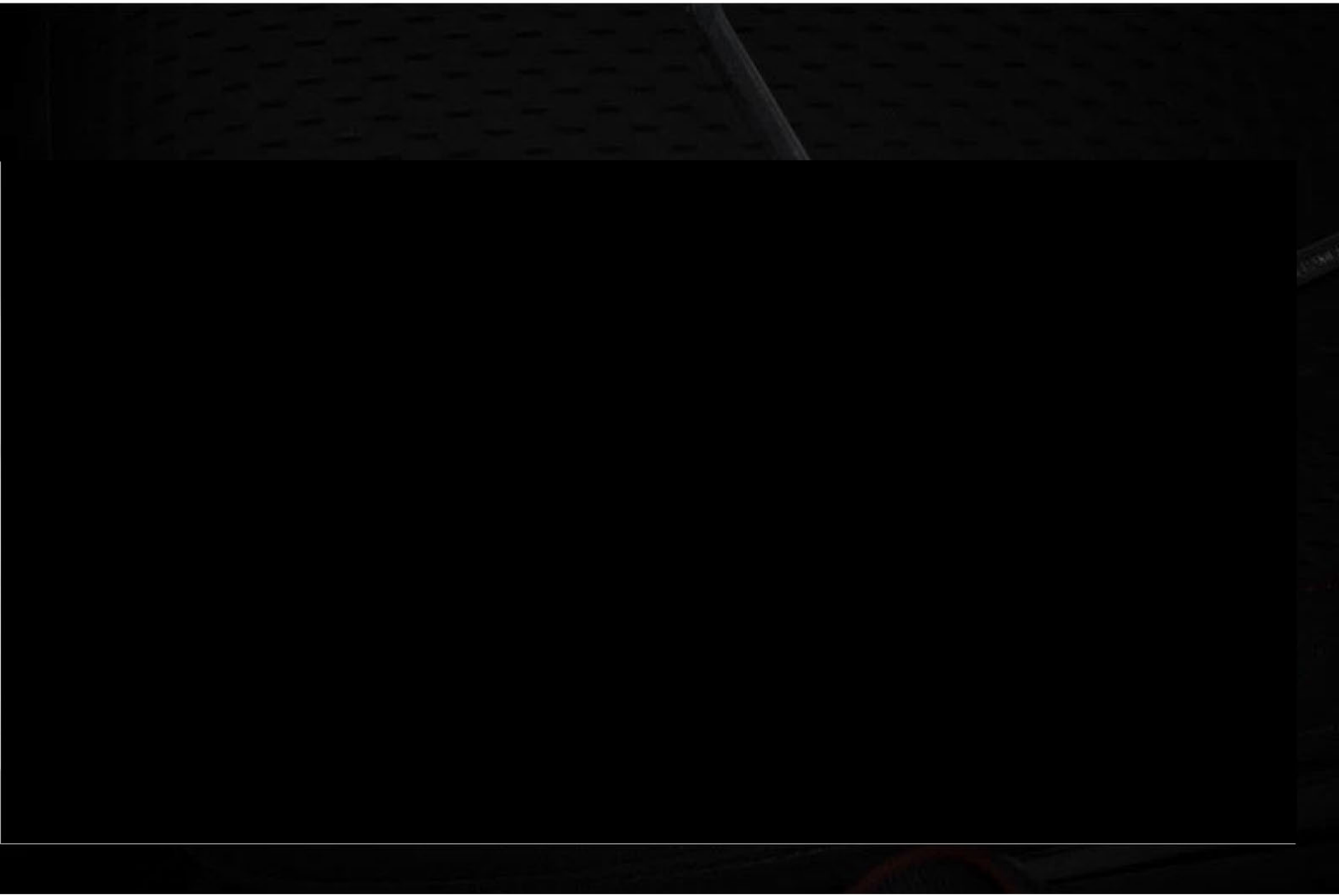
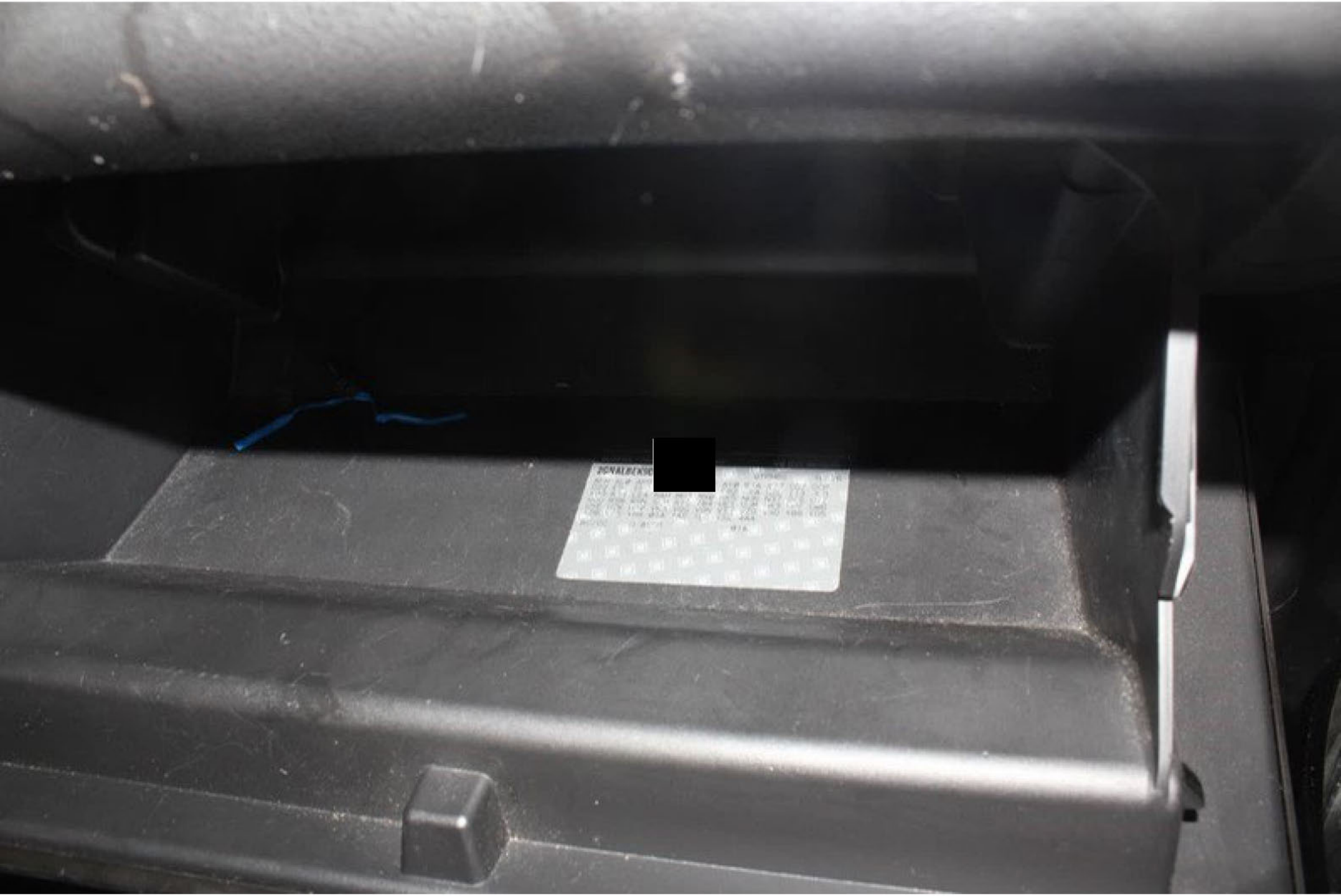
MFD BY GENERAL MOTORS OF CANADA LTD.
GVWR
2250 KG
4960 LB
GAWR FRT
1175 KG
2590 LB
GAWR RR
1240 KG
2733 LB
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.
2GNALBEK9D6
TYPE M.P.V.
MODEL LF26
LBBF TIRE SIZE SPEED RTG RIM COLD TIRE PRESSURE
FRT P225/65R17 T 17X7J 240KPA(35PSI)
RR P225/65R17 T 17X7J 240KPA(35PSI)
SPA T145/70R17 M 17X4.5T 420KPA(60PSI)
SEE OWNER'S MANUAL FOR MORE INFORMATION

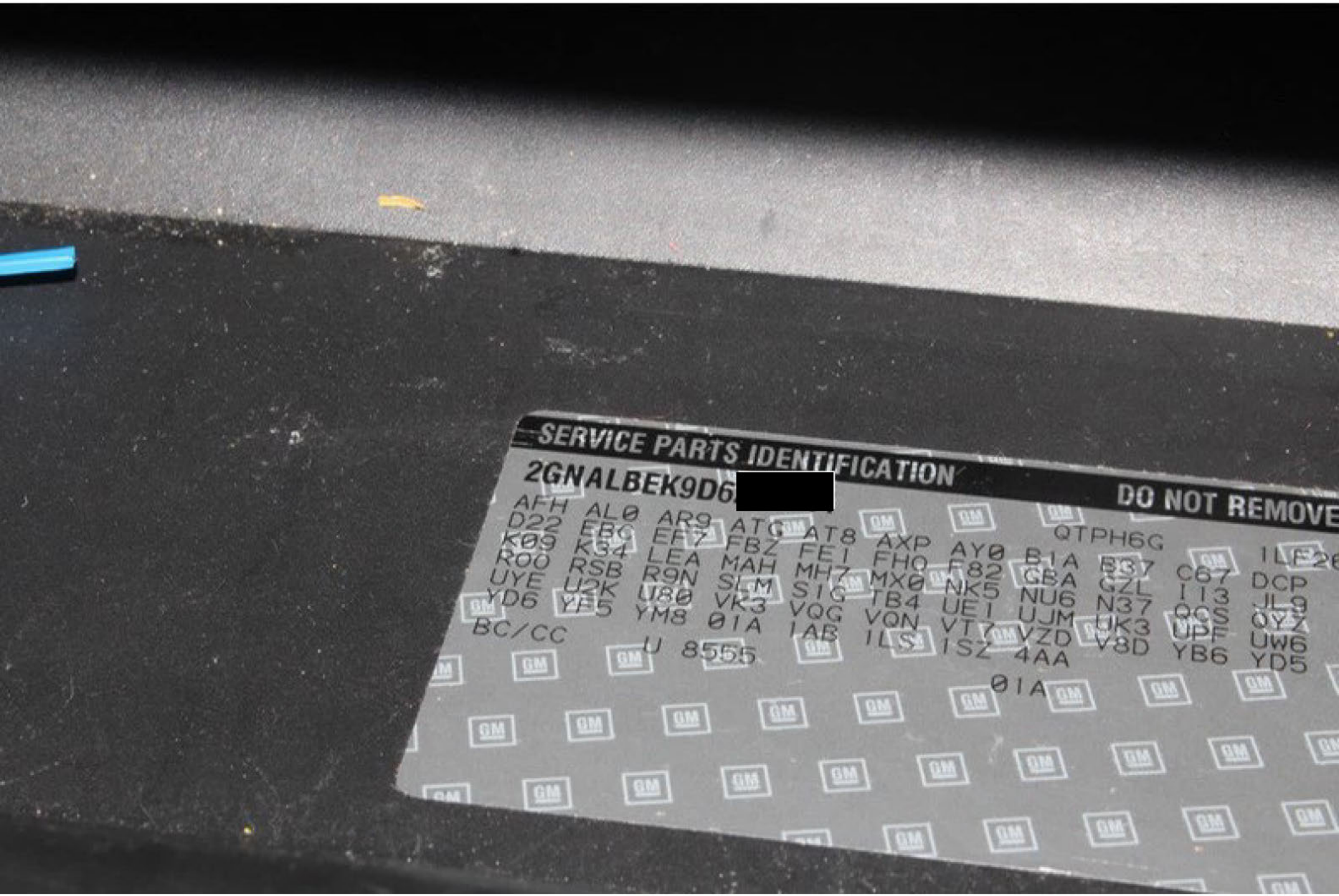

TIRE AND LOADING INFORMATION
SEATING CAPACITY
TOTAL 5
FRONT 2
REAR 3
The combined weight of occupants and cargo should never exceed 514 kg or 1132 lbs.
TIRE
ORIGINAL SIZE
COLD TIRE PRESSURE
FRONT
P225/65R17 T
240 kPa, 35 PSI
REAR
P225/65R17 T
240 kPa, 35 PSI
SPARE
T145/70R17 M
420 kPa, 60 PSI
SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
2GNALBEK9D










SERVICE PARTS IDENTIFICATION
2GNALBEK9D6 [redacted]
DO NOT REMOVE
AFH AL0 AR9 ATG AT8 AXP AY0 B1A B37 C67 DCP
D22 EB6 EF7 FBZ FE1 FH0 F82 GBA GZL I13 JL9
K09 K34 LEA MAH MH7 MX0 NK5 NU6 N37 QCS QYZ
R00 RSB R9N SLM SIG TB4 UE1 UJM UK3 UPF UW6
UYE U2K U80 VK3 VQG VQN VT7 VZD V8D YB6 YD5
YD6 YF5 YM8 01A IAB ILS ISZ 4AA
BC/CC U 8555
QTPH6G
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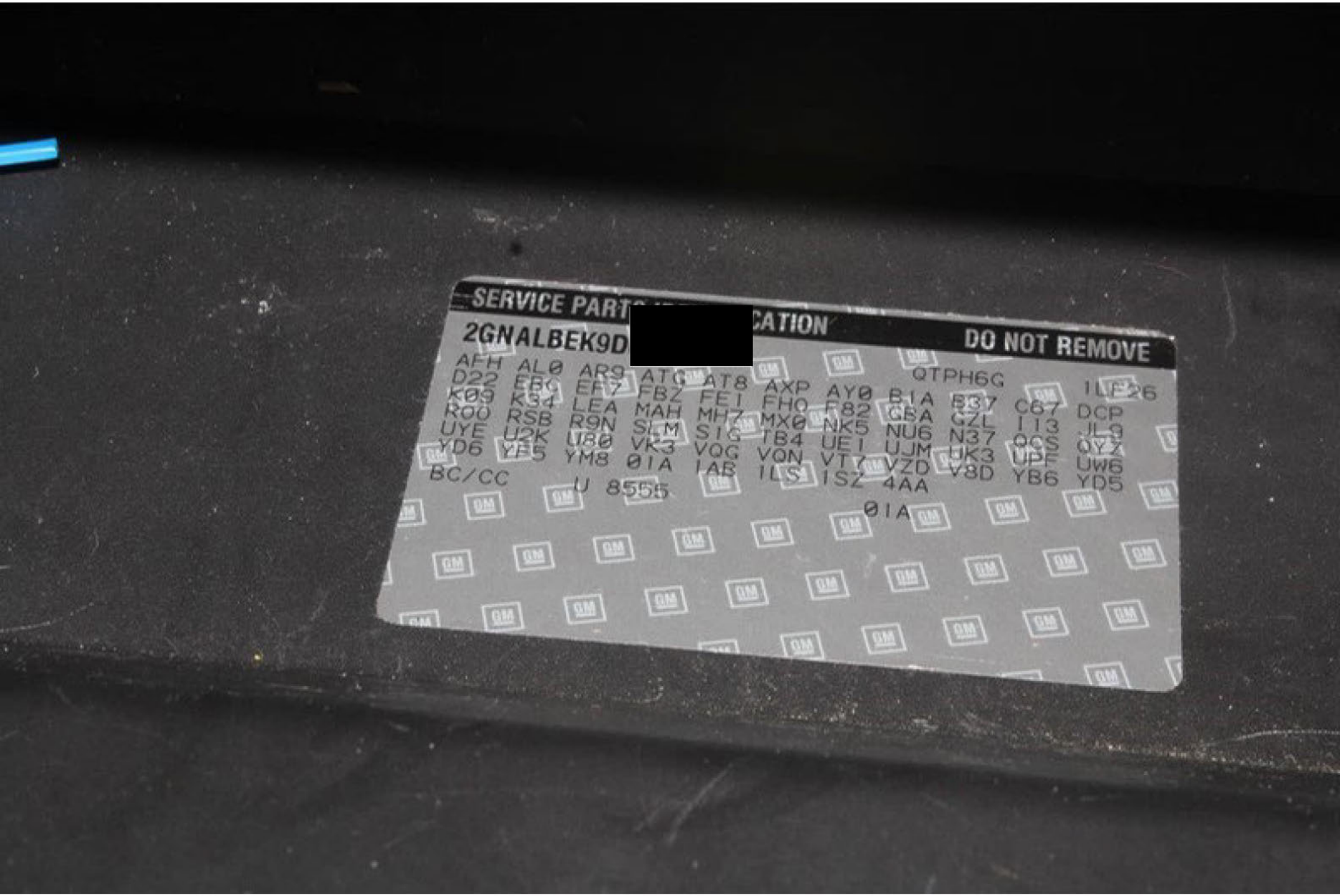
SERVICE PART
CATION
DO NOT REMOVE
2GNALBEK9D
[redacted]
AFH AL0 AR9 ATG AT8 AXP AY0 B1A B37 C67 DCP
D22 EBG EF7 FBZ FE1 FH0 F82 GBA GZL I13 JL9
K09 K34 LEA MAH MH7 MX0 NK5 NU6 N37 QQS QYZ
R00 RSB R9N SLM S1G TB4 UE1 UJM UK3 UPF UW6
UYE U2K U80 VK3 VQG VQN VT7 VZD V8D YB6 YD5
YD6 YE5 YM8 01A 1AB 1LS 1SZ 4AA
QTPH6G
1LE26
BC/CC
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EQUINOX


EQUINOX




































































































ECOTEC


ECOTEC

























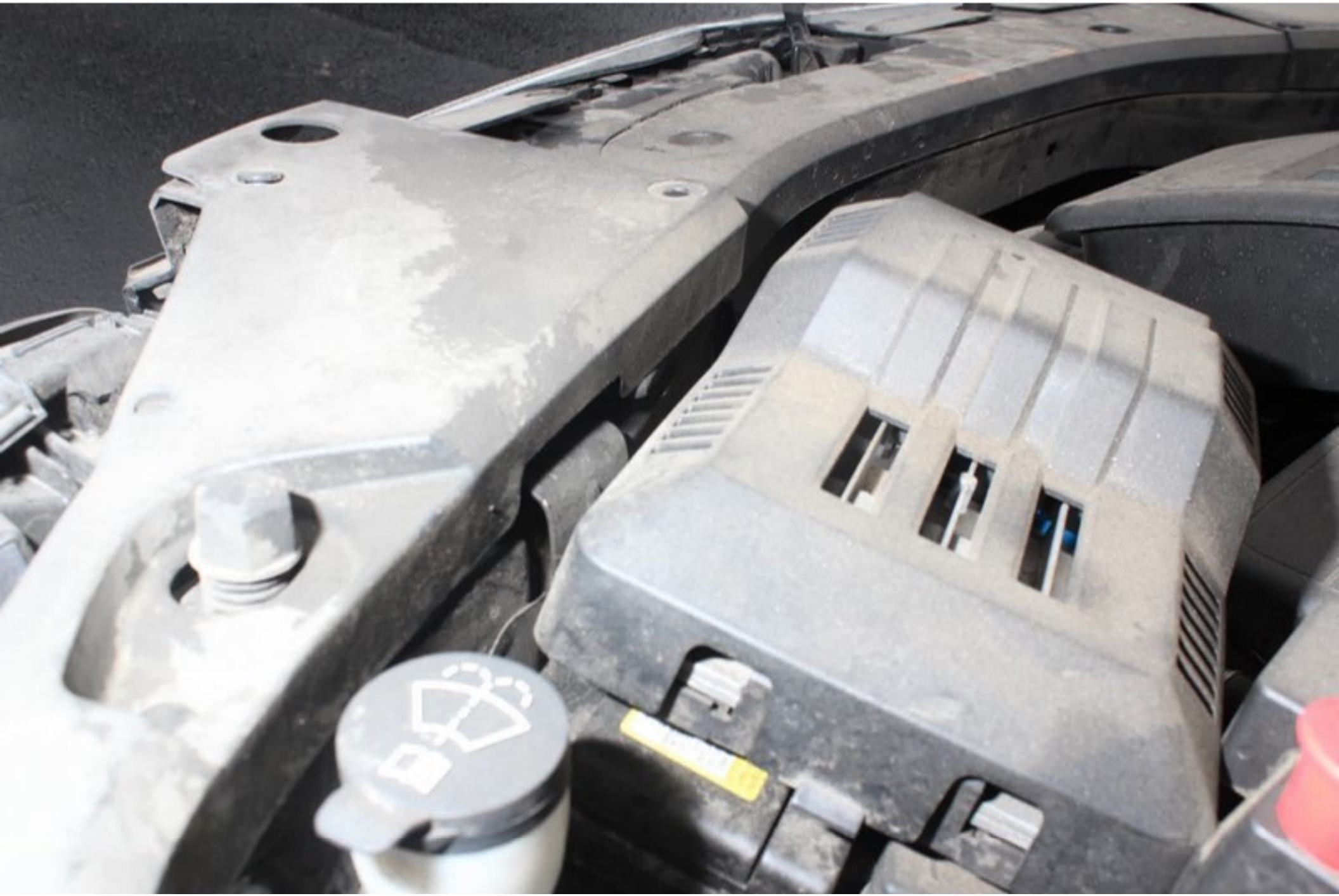

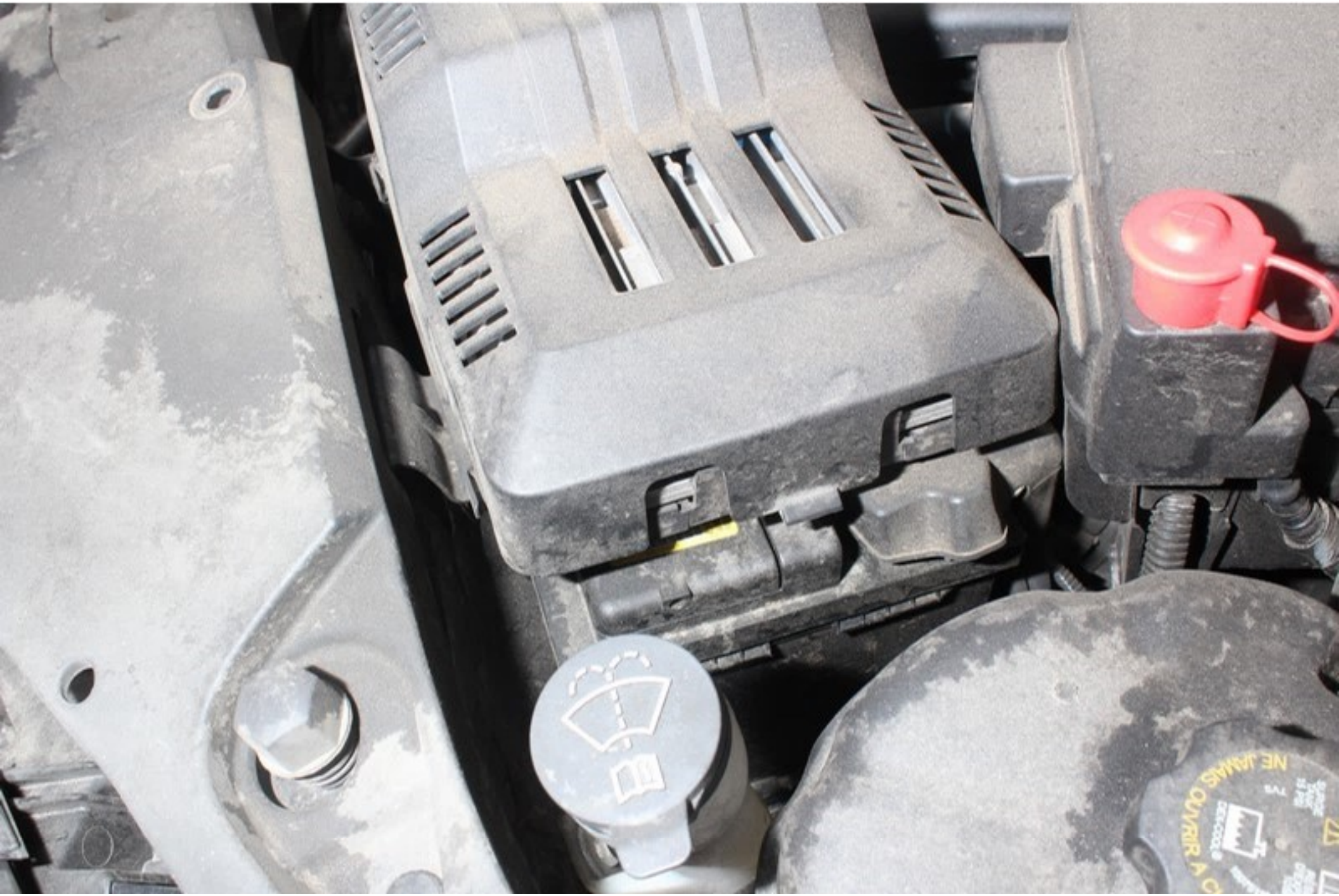
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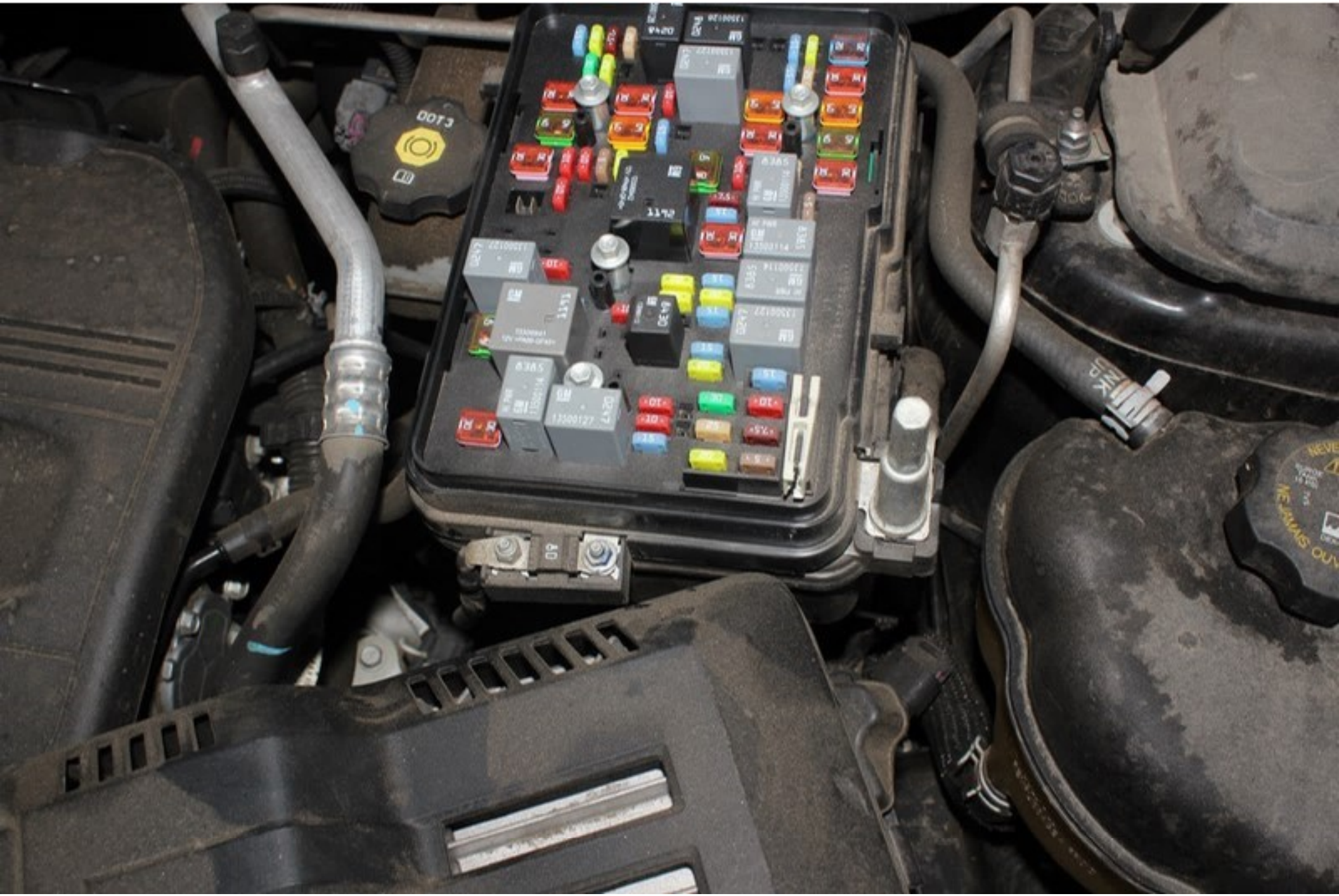
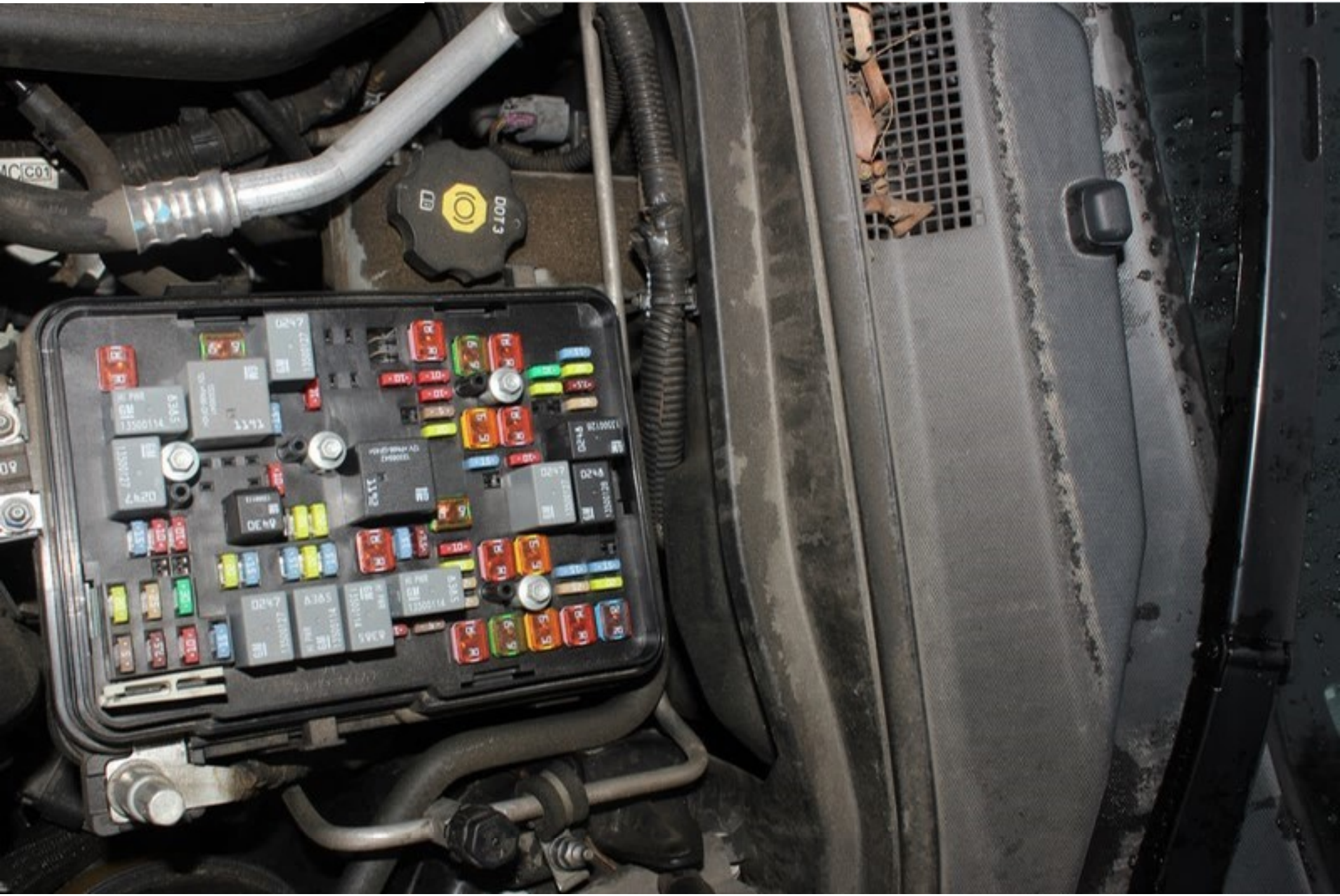


INFORMATION REDACTED PURSUANT TOTHE FREEDOM
OF INFORMATION ACT (FOIA), 5 U.S.C.552(B)(6)











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STANLEY
25'


STANLEY
25'


STANLEY
25'




























































































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WARNING
AVERTISSEMENT

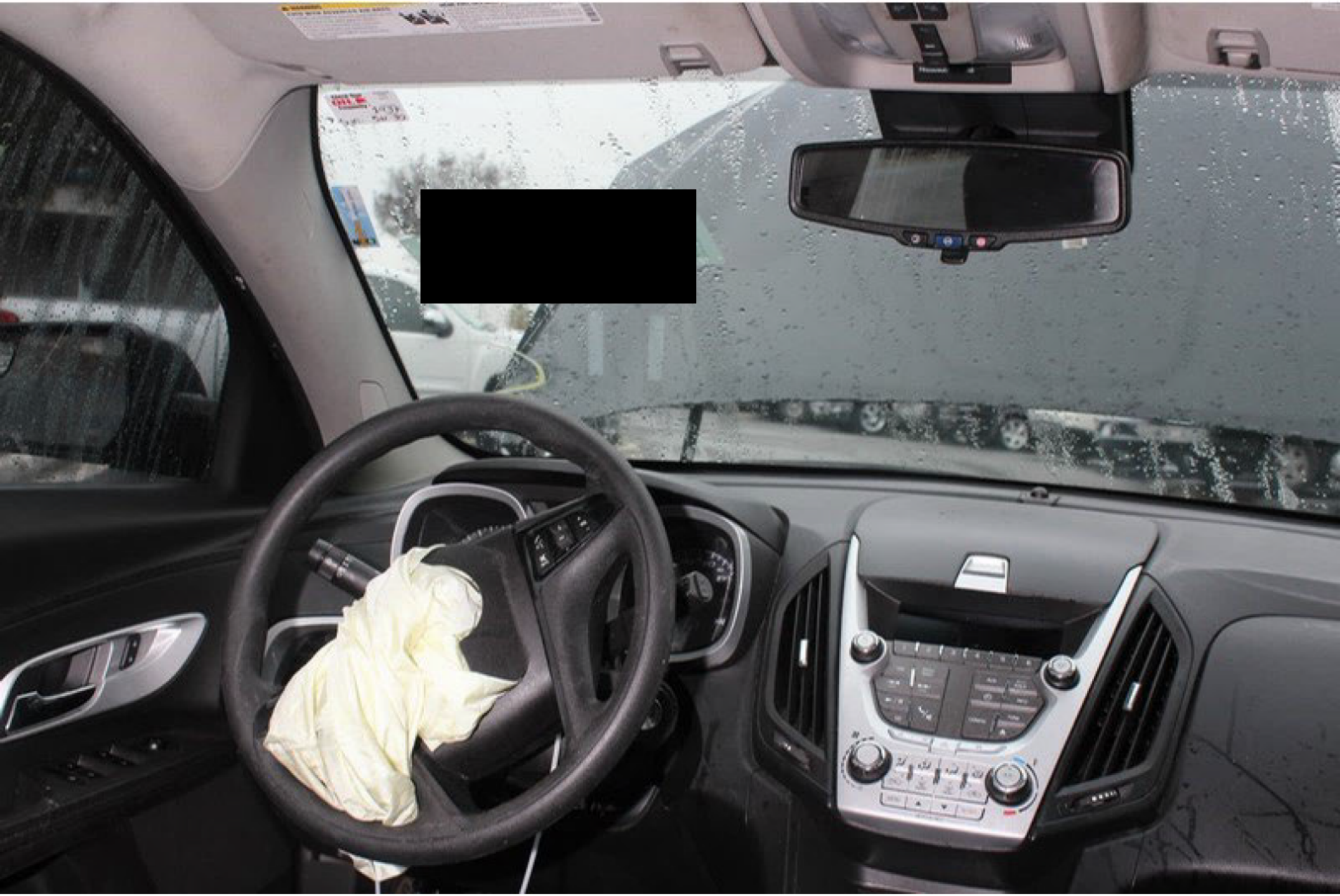

WARNING
EVEN WITH ADVANCED AIR BAGS
AVERTISSEMENT
















































































2013

































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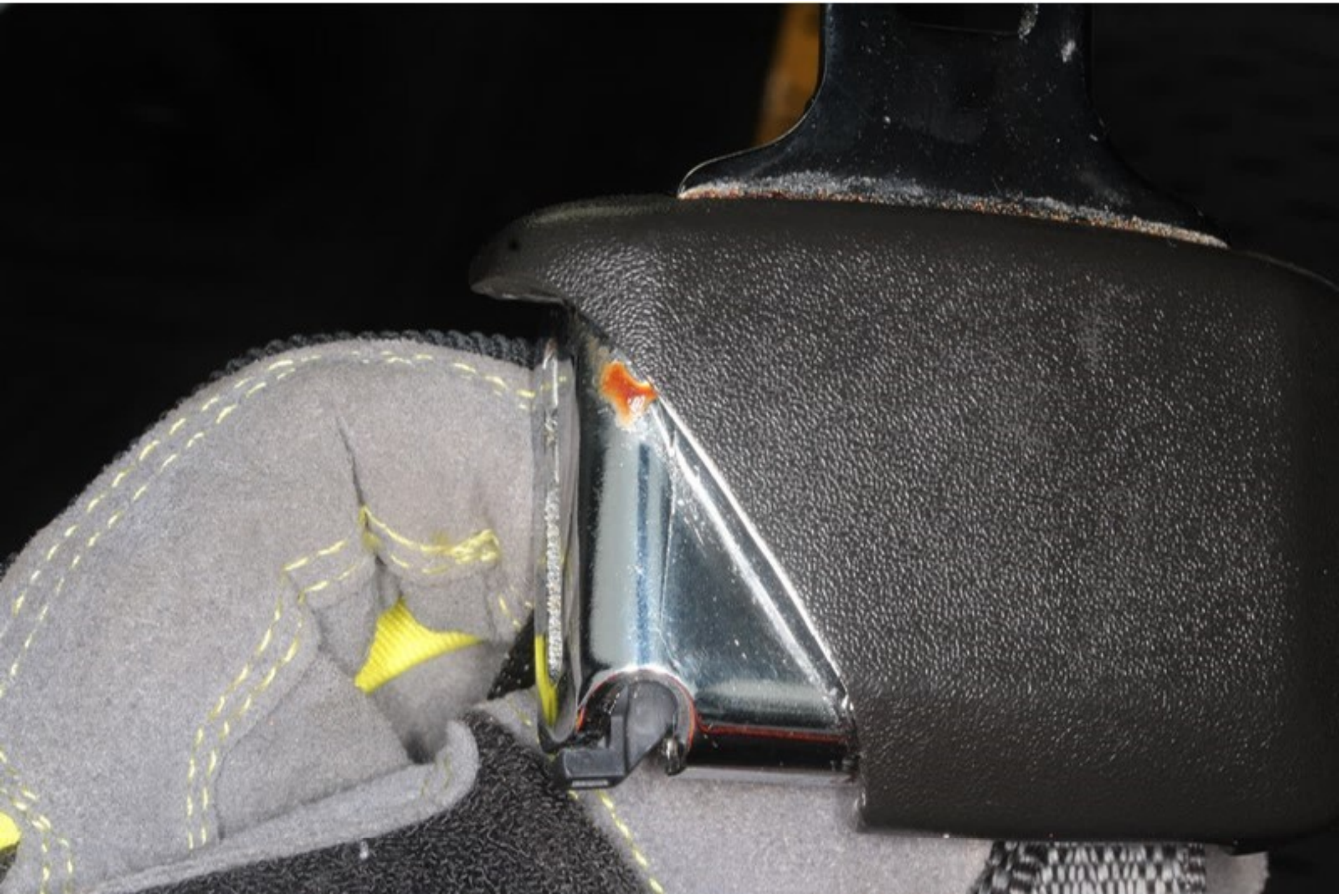

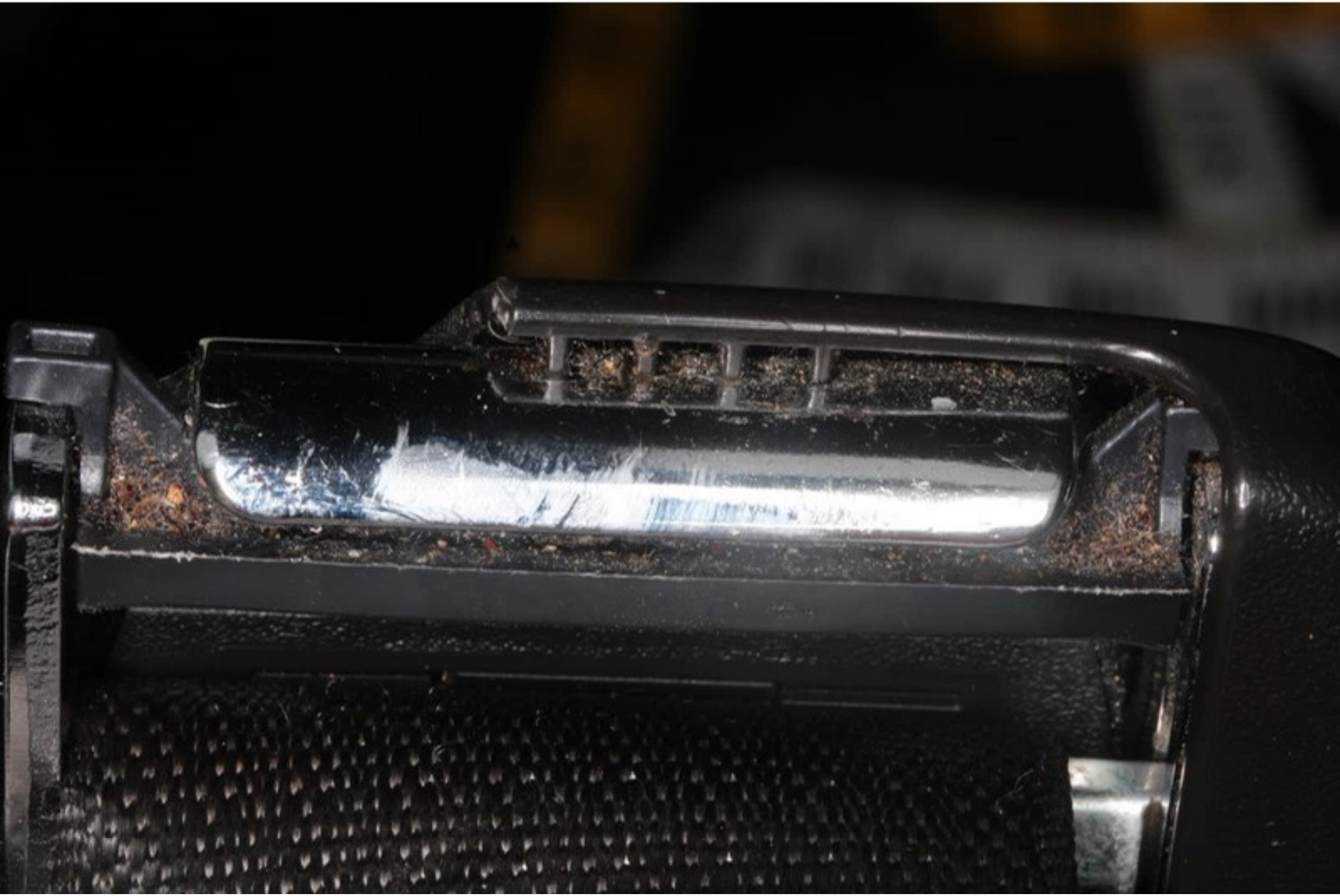





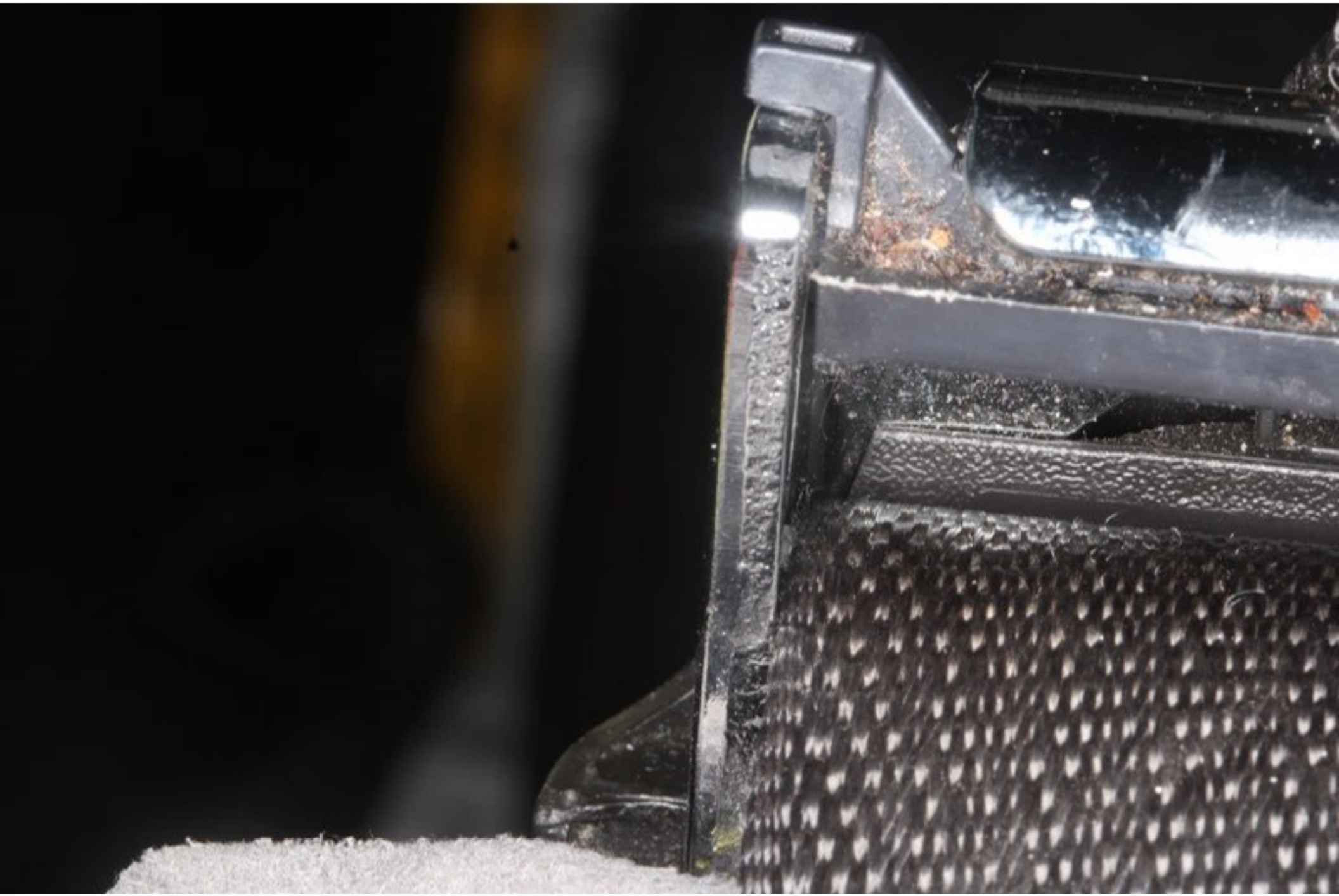

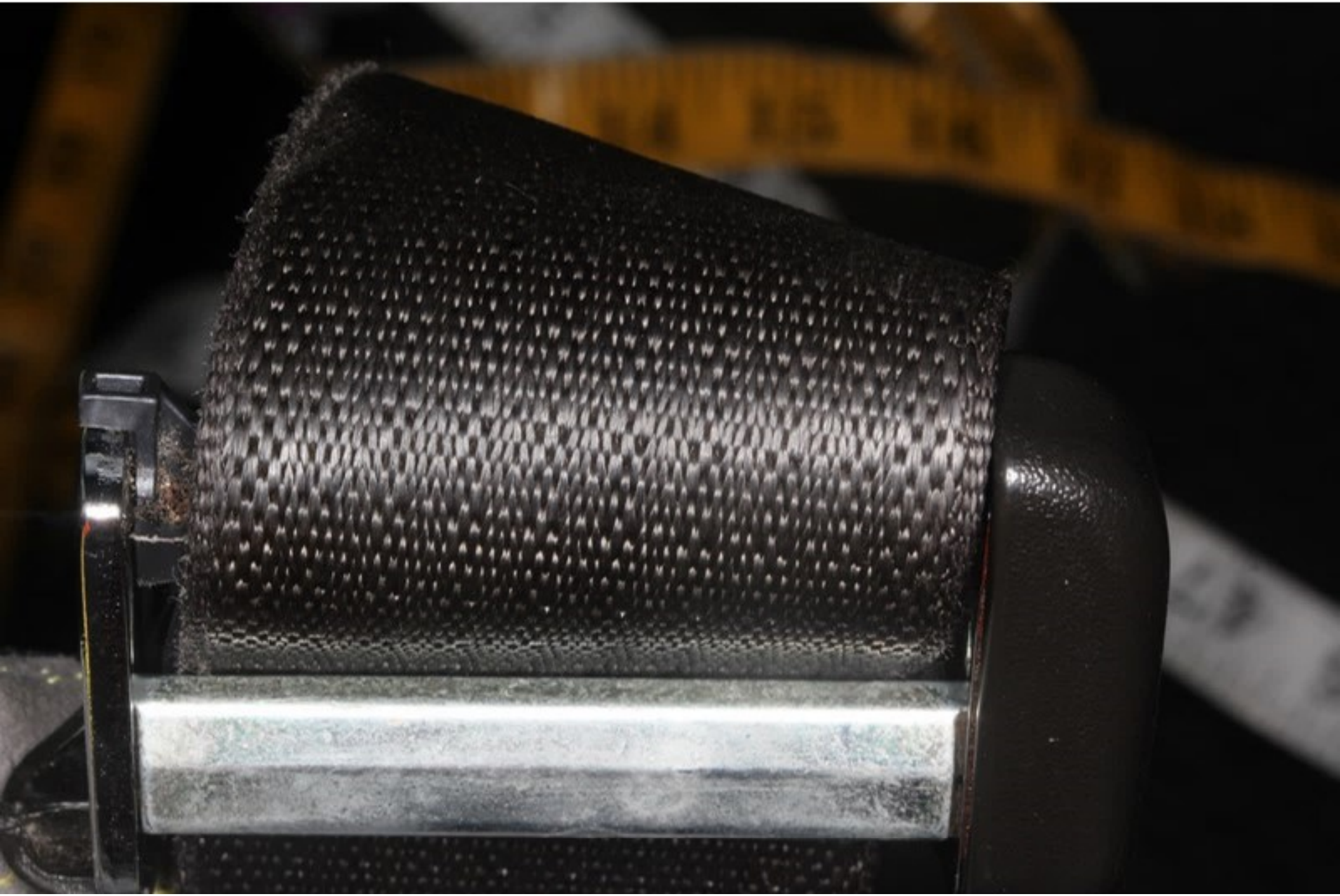

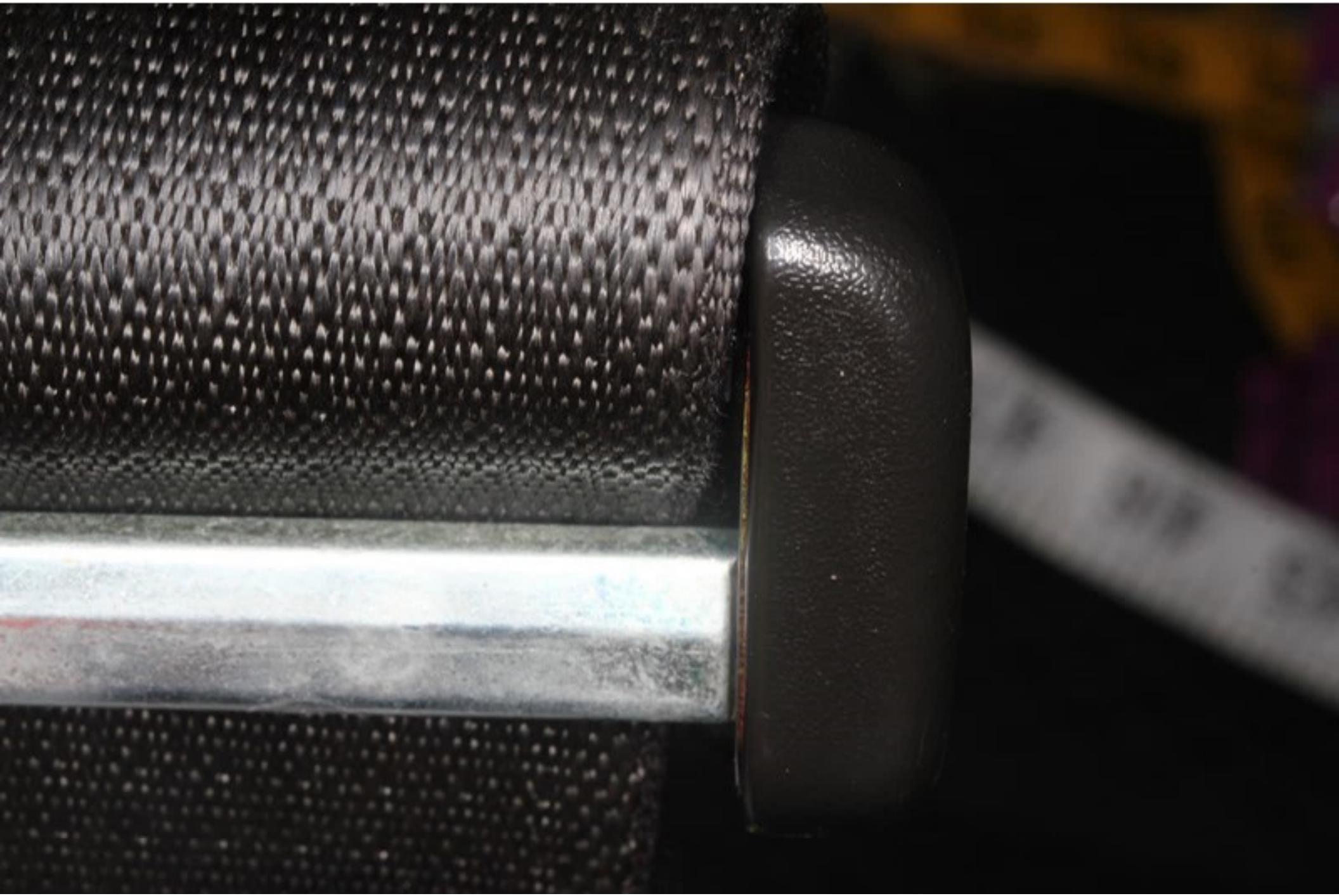

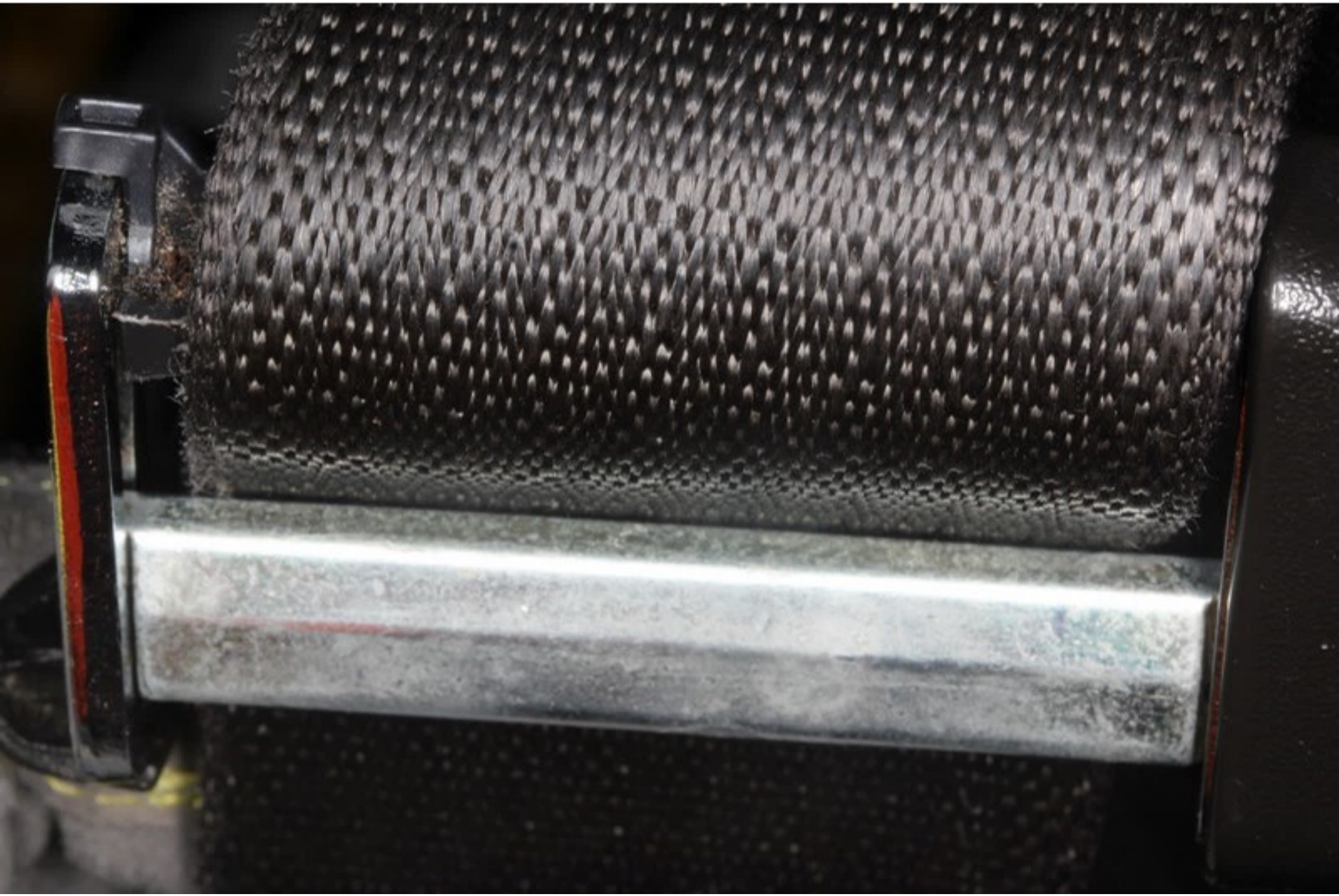

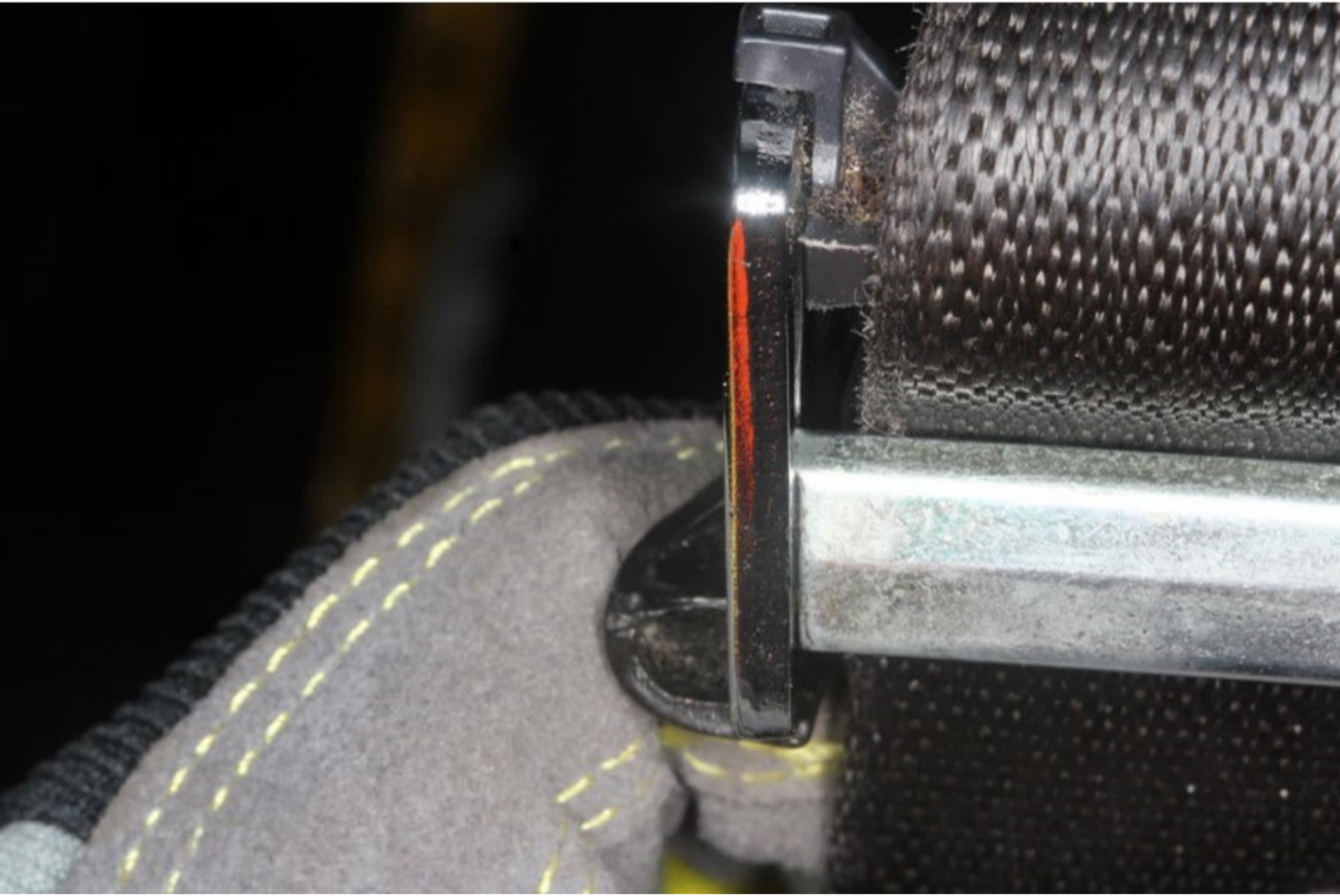

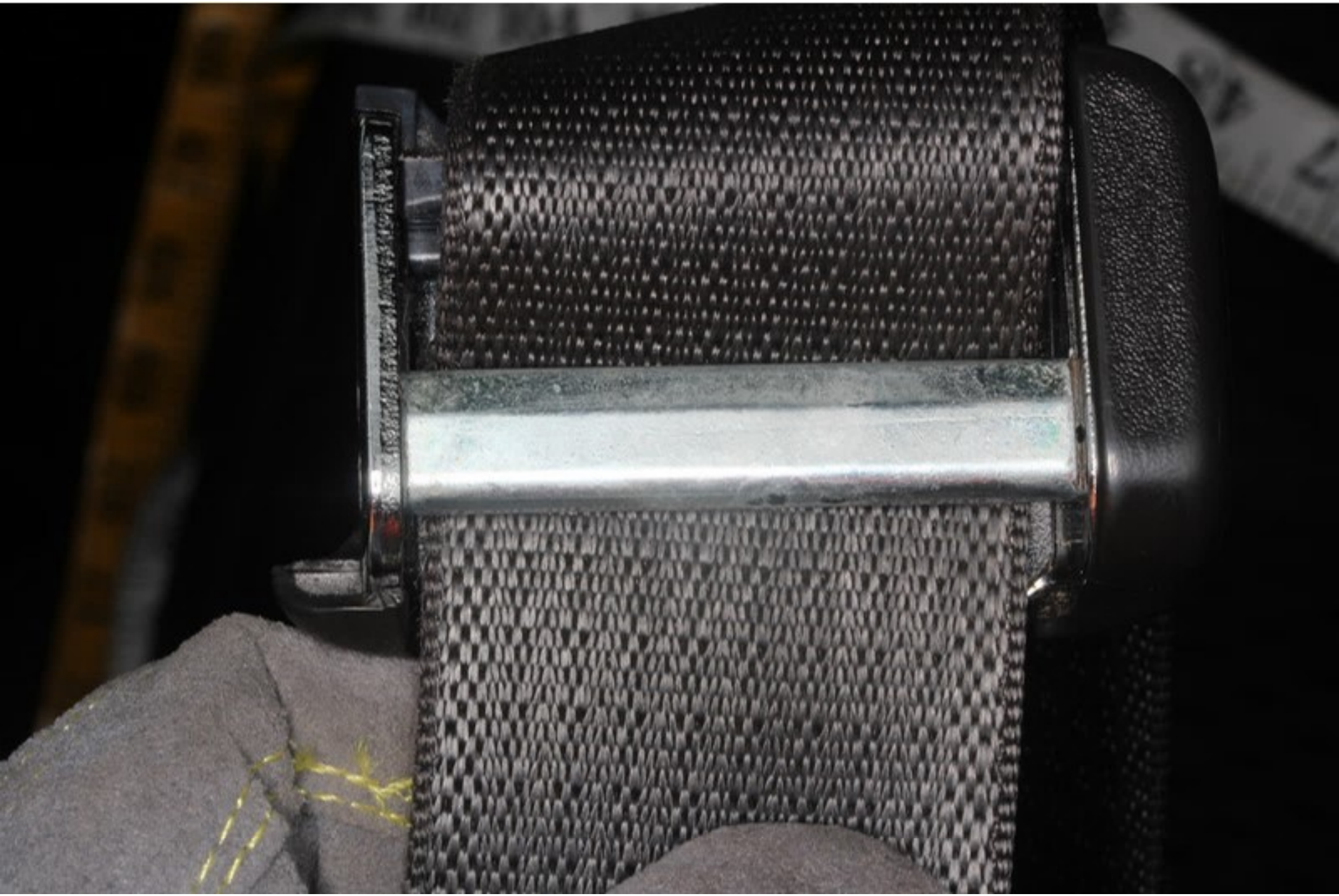

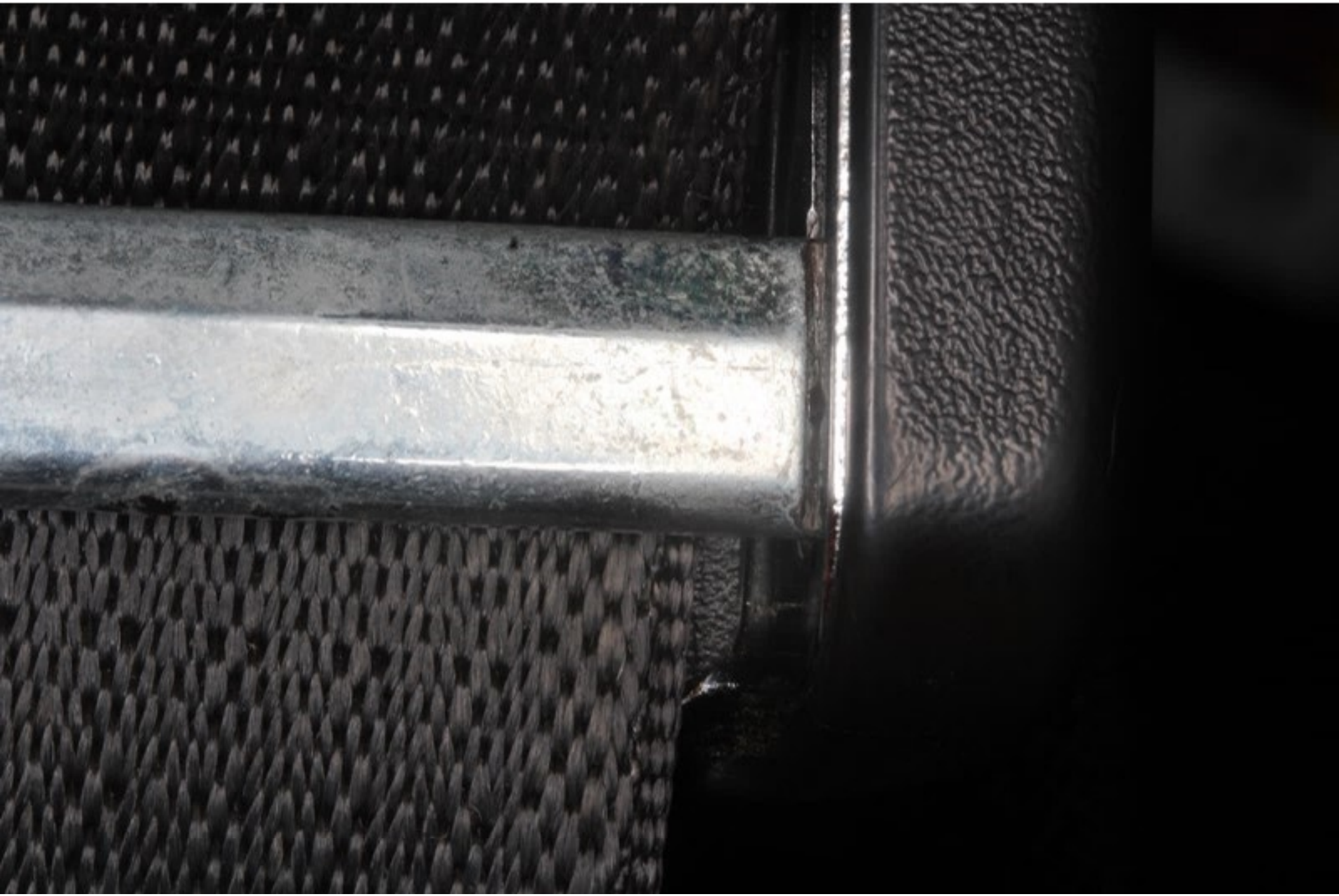



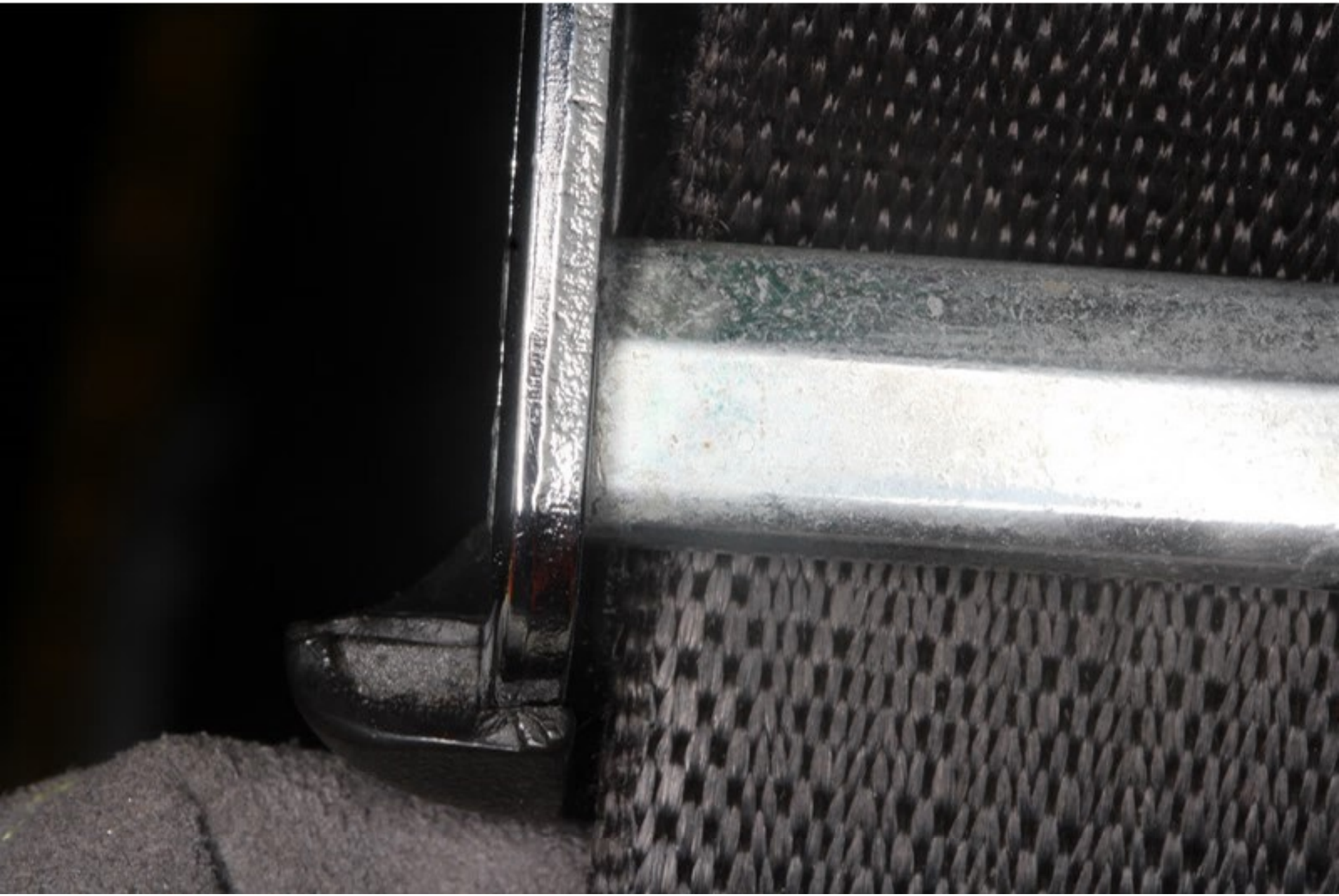

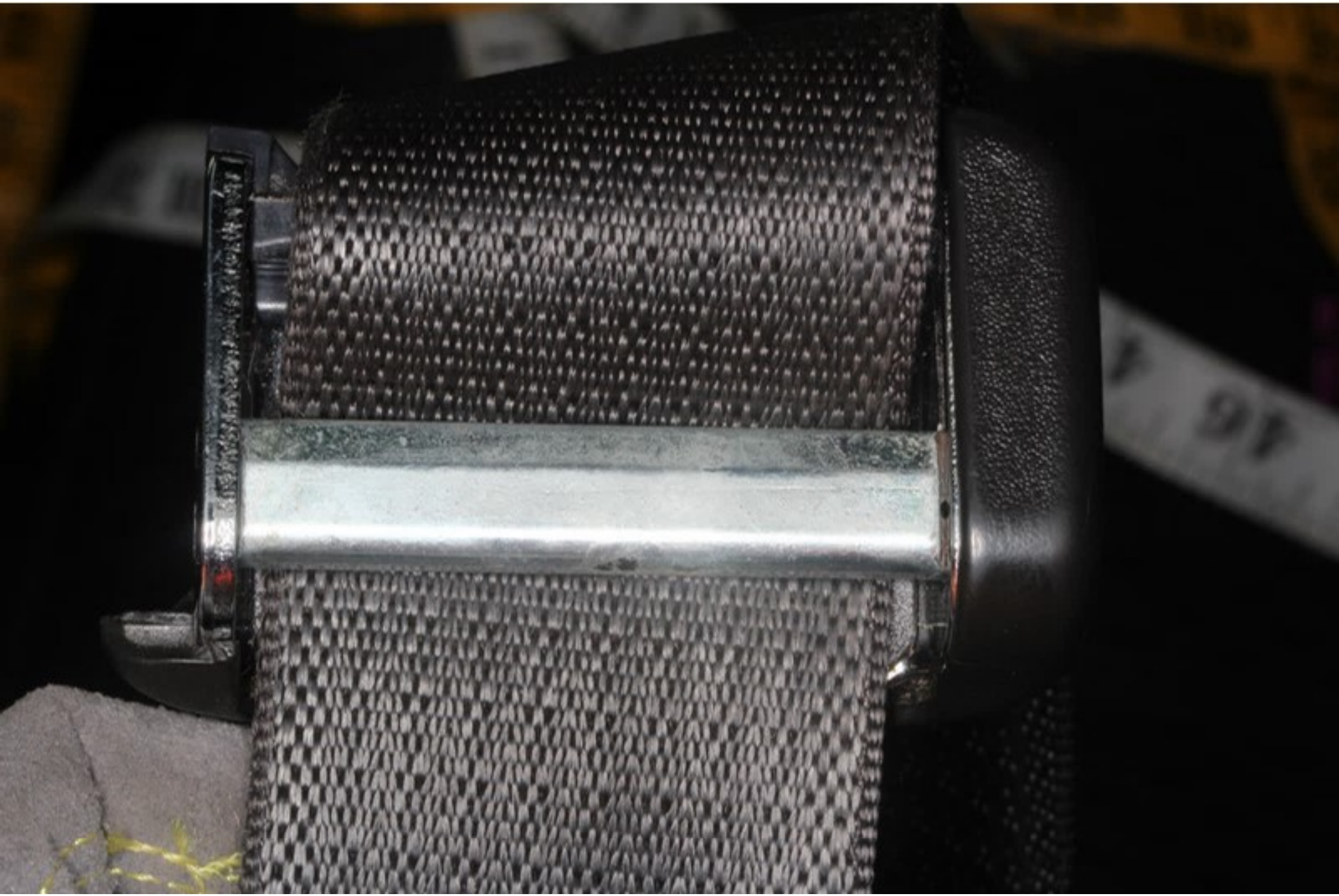

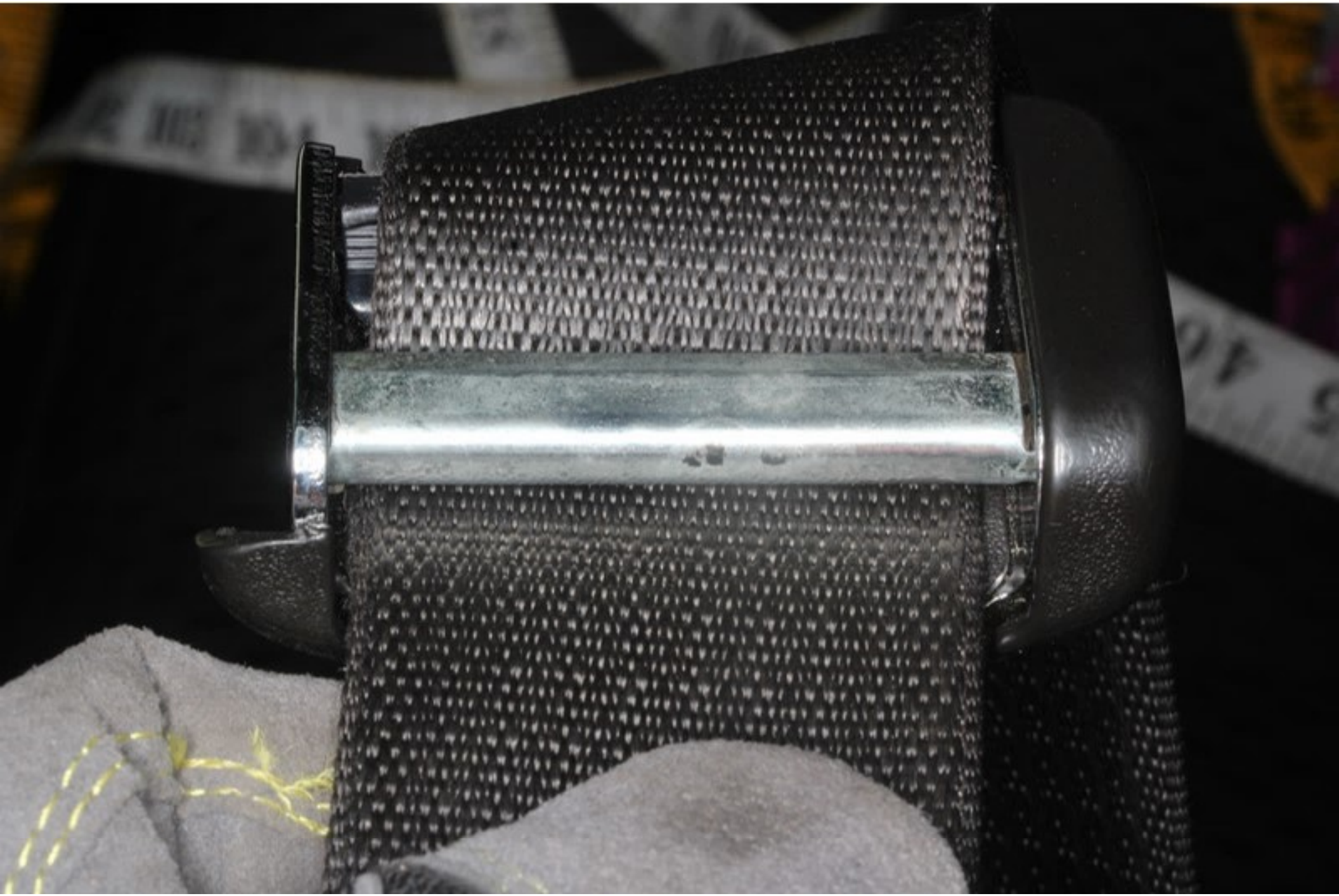

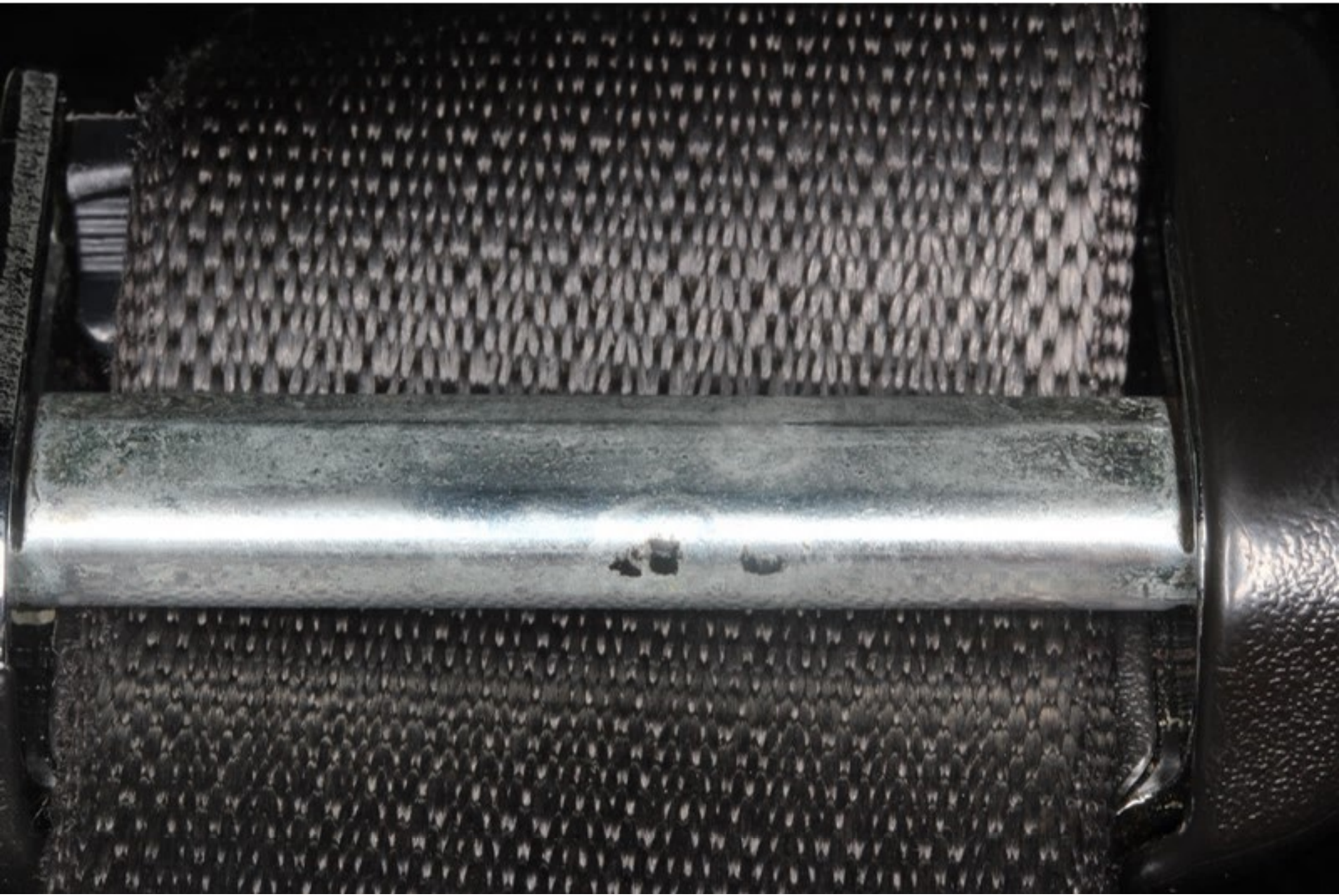

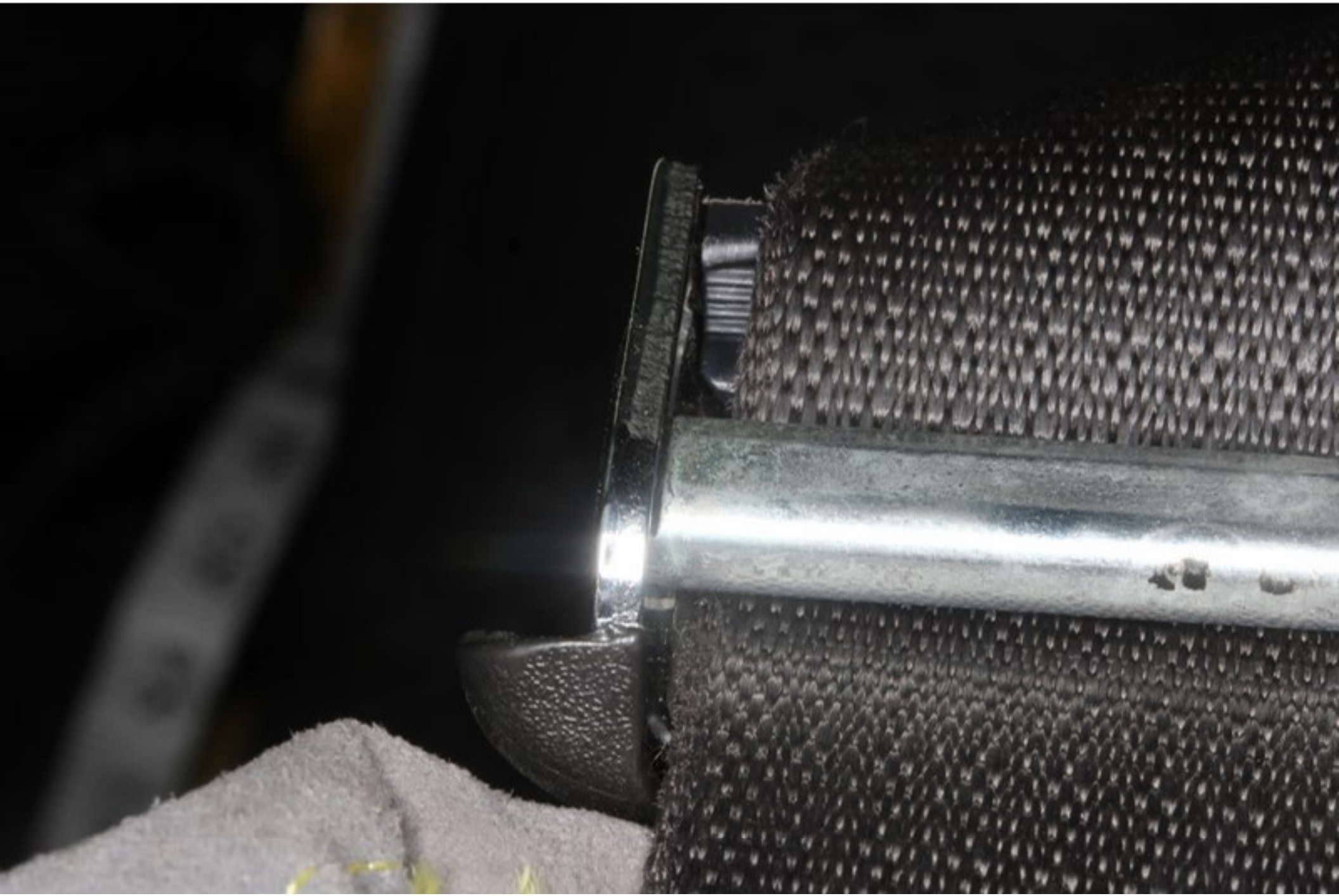

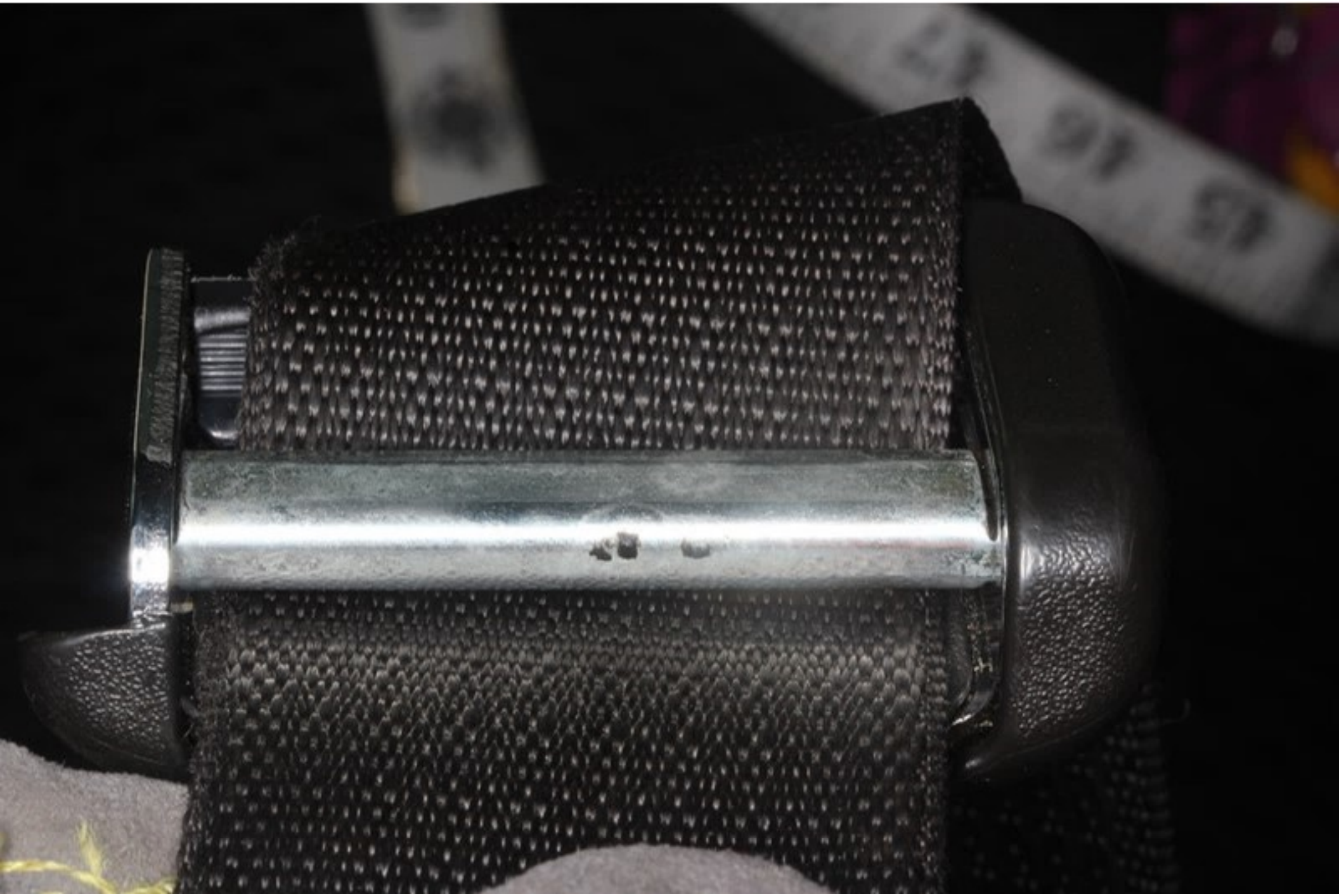

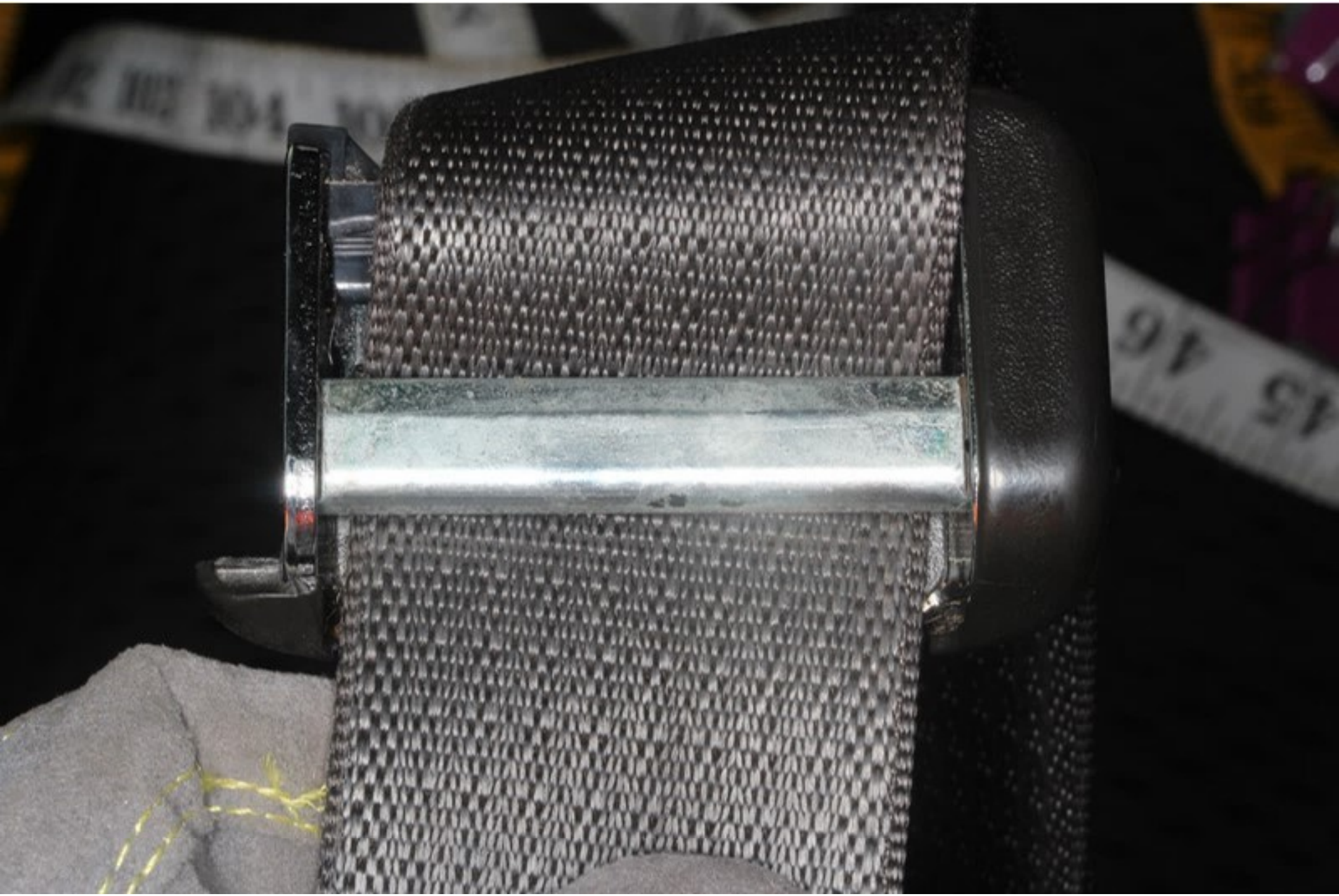

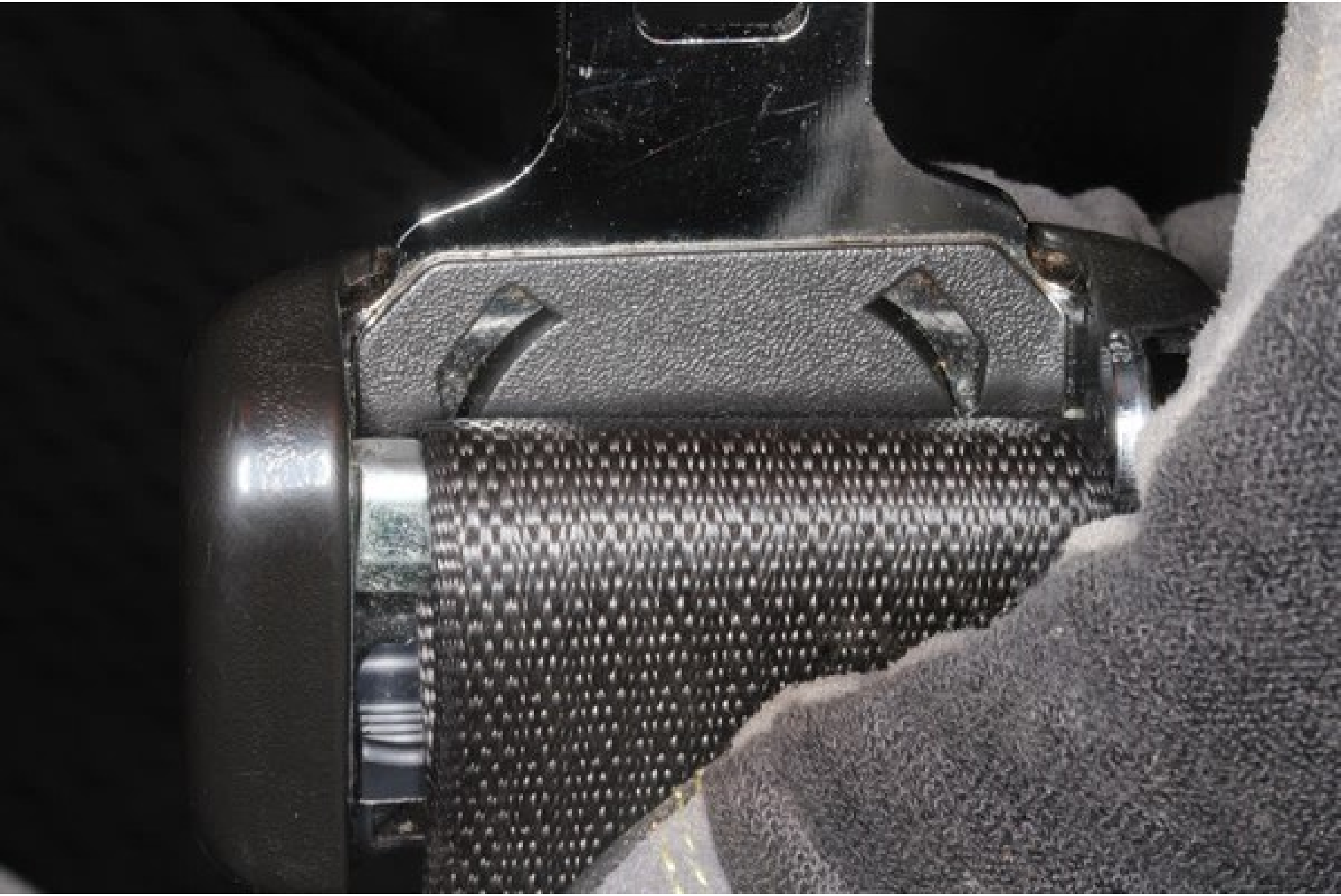







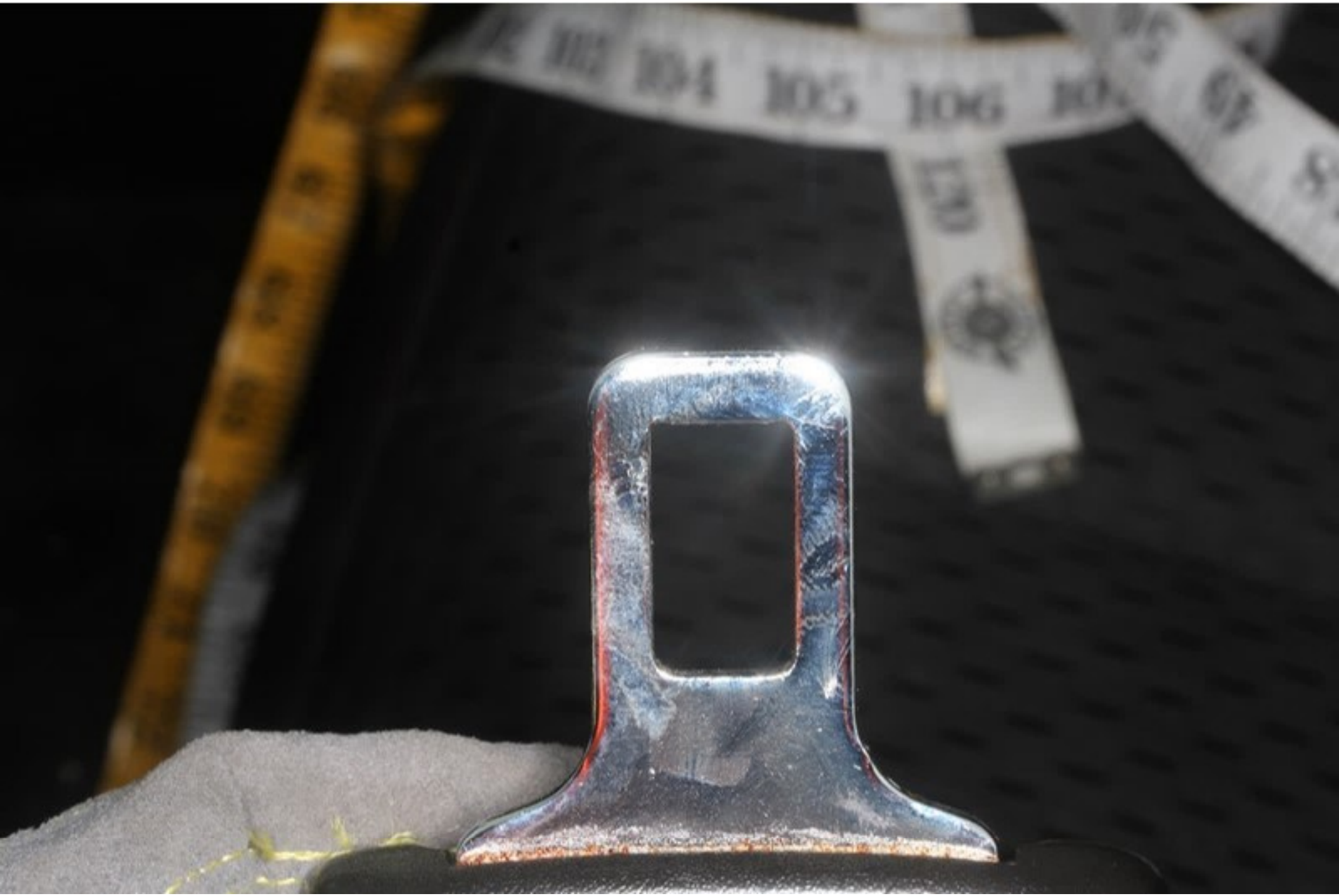

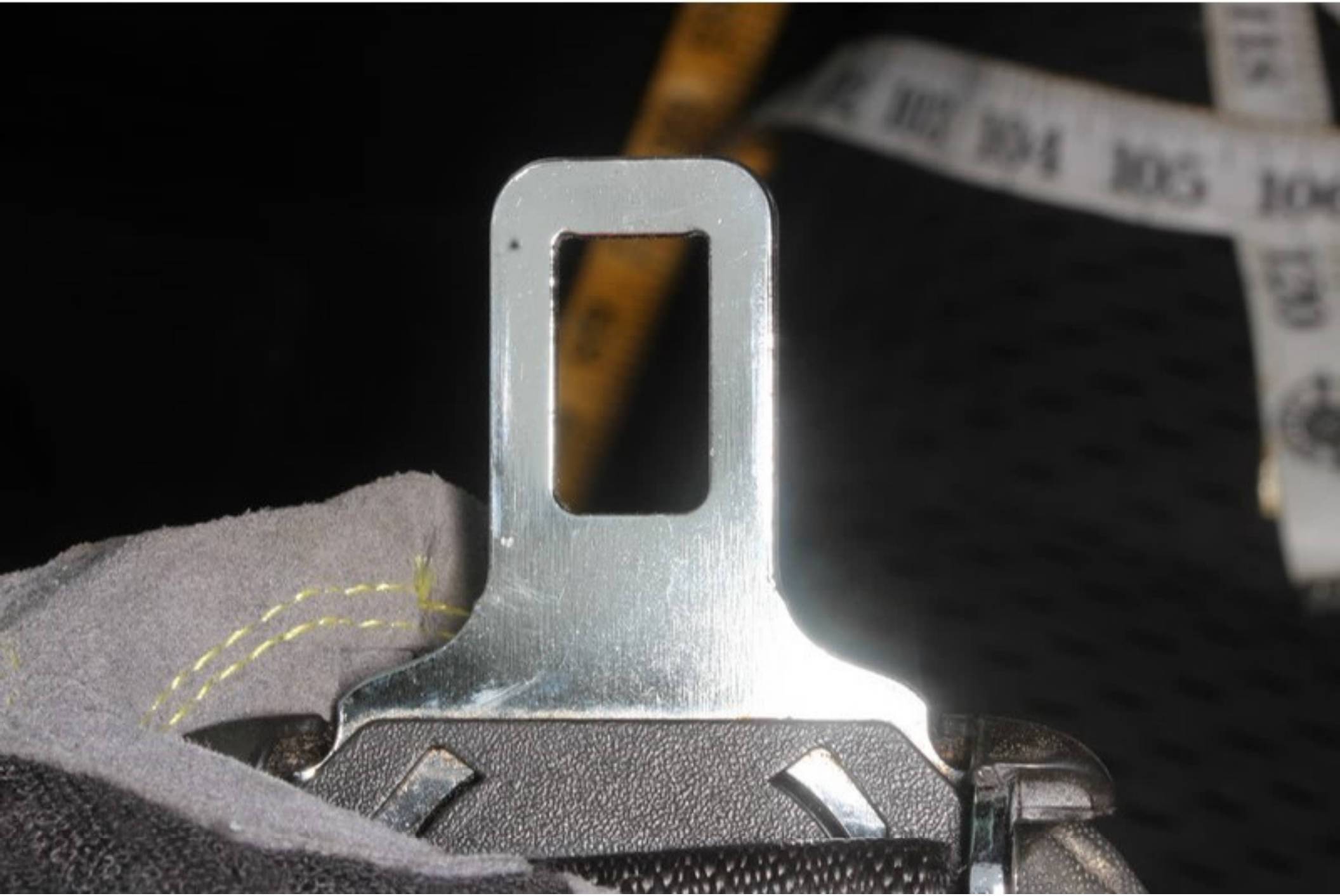

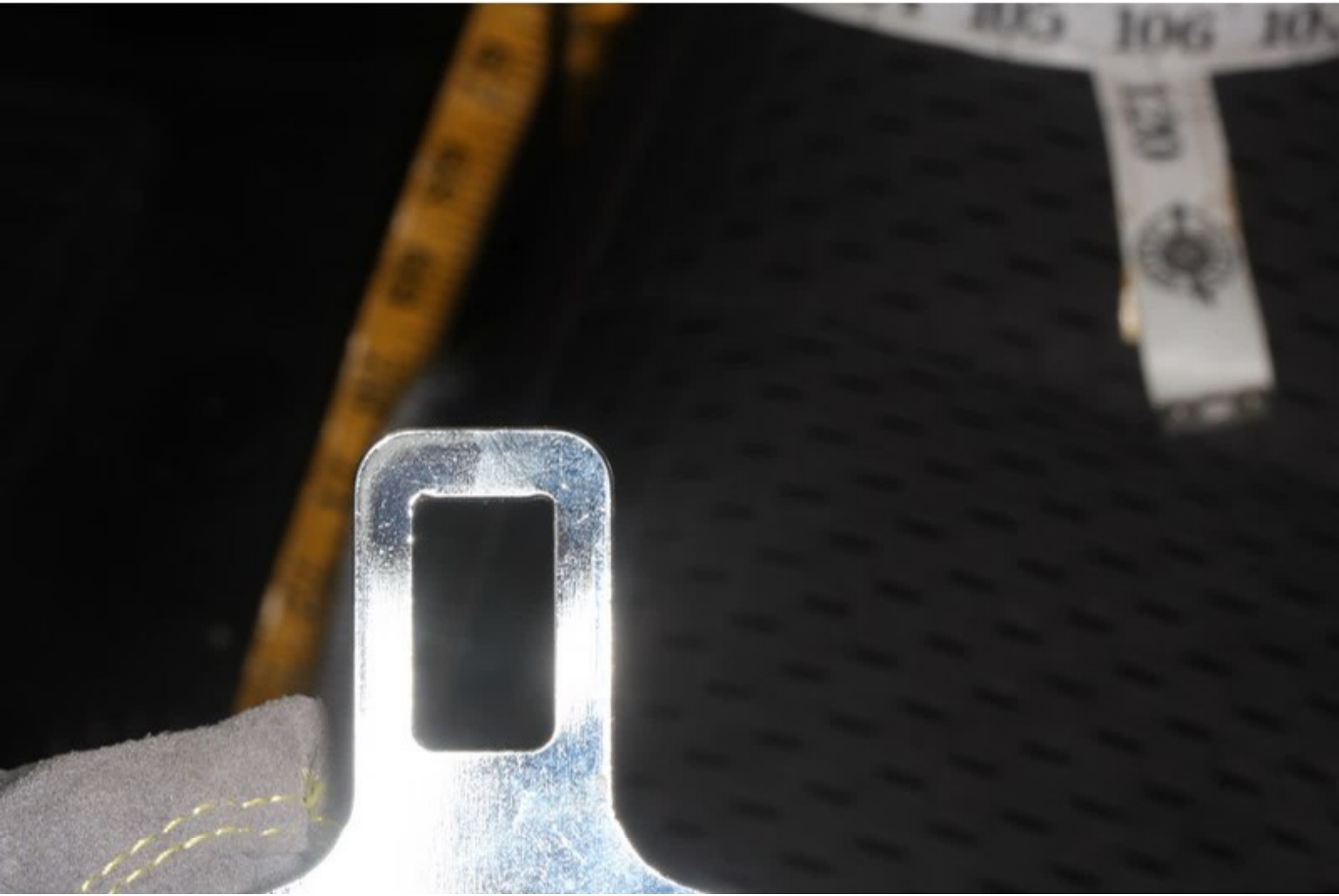














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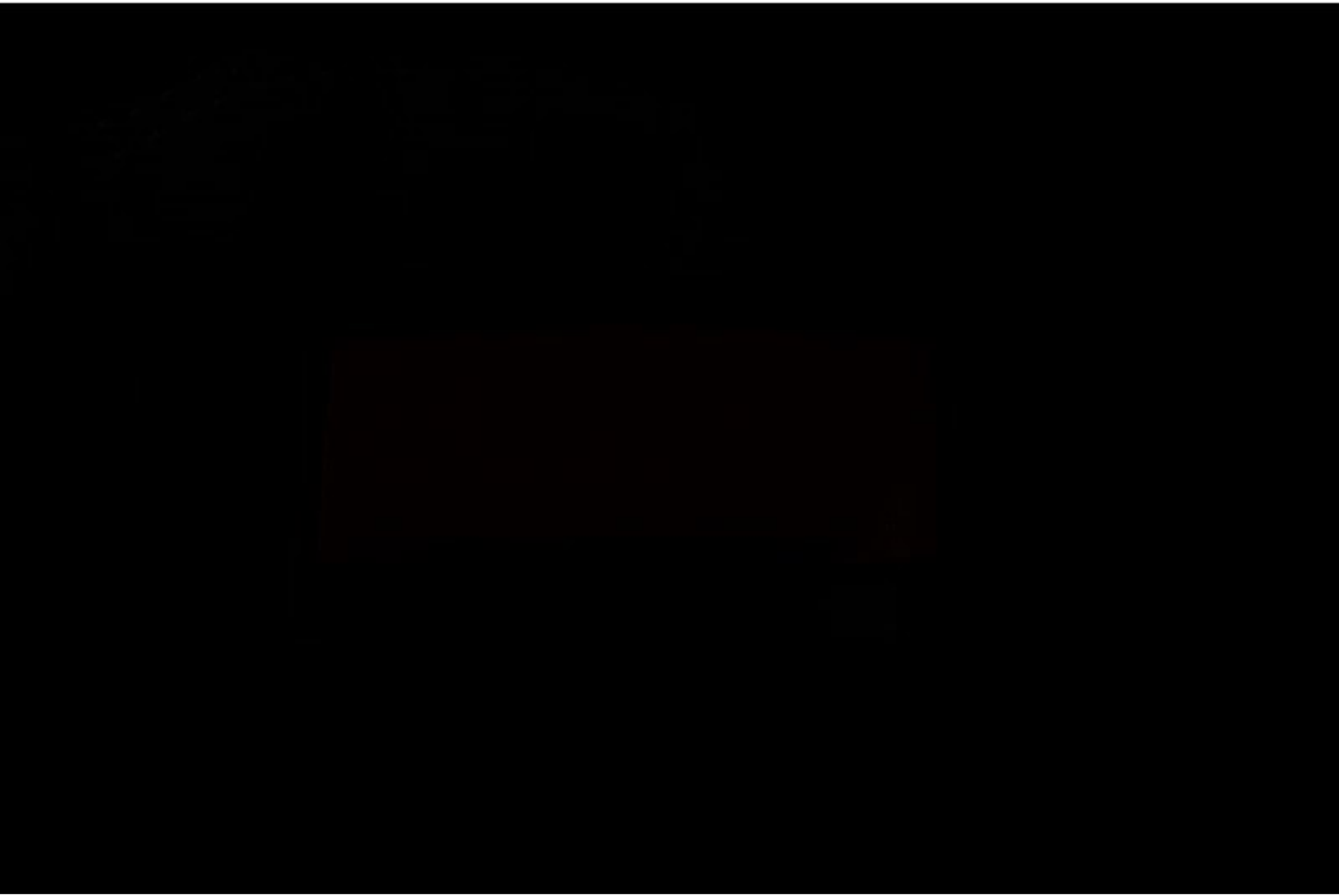













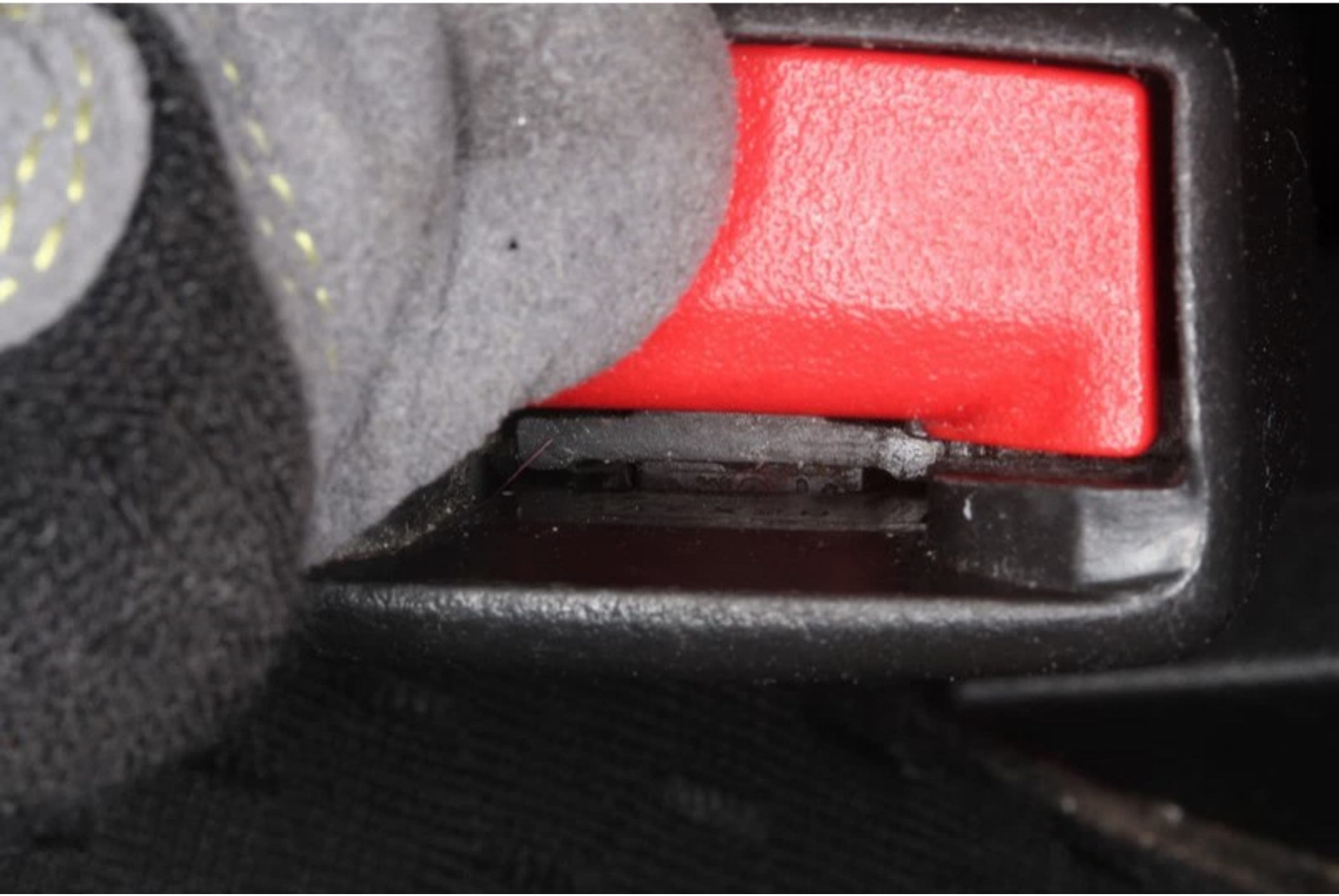

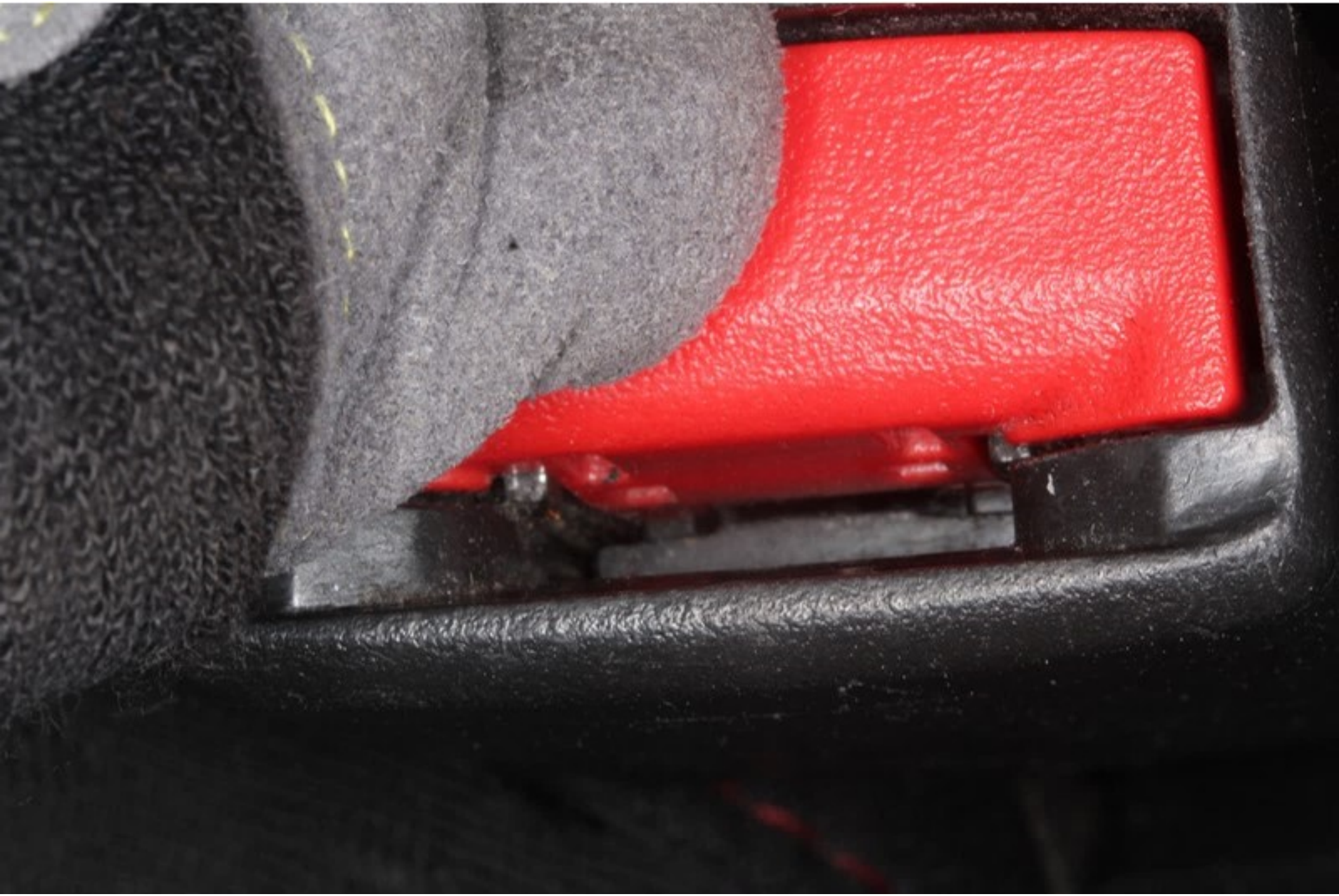

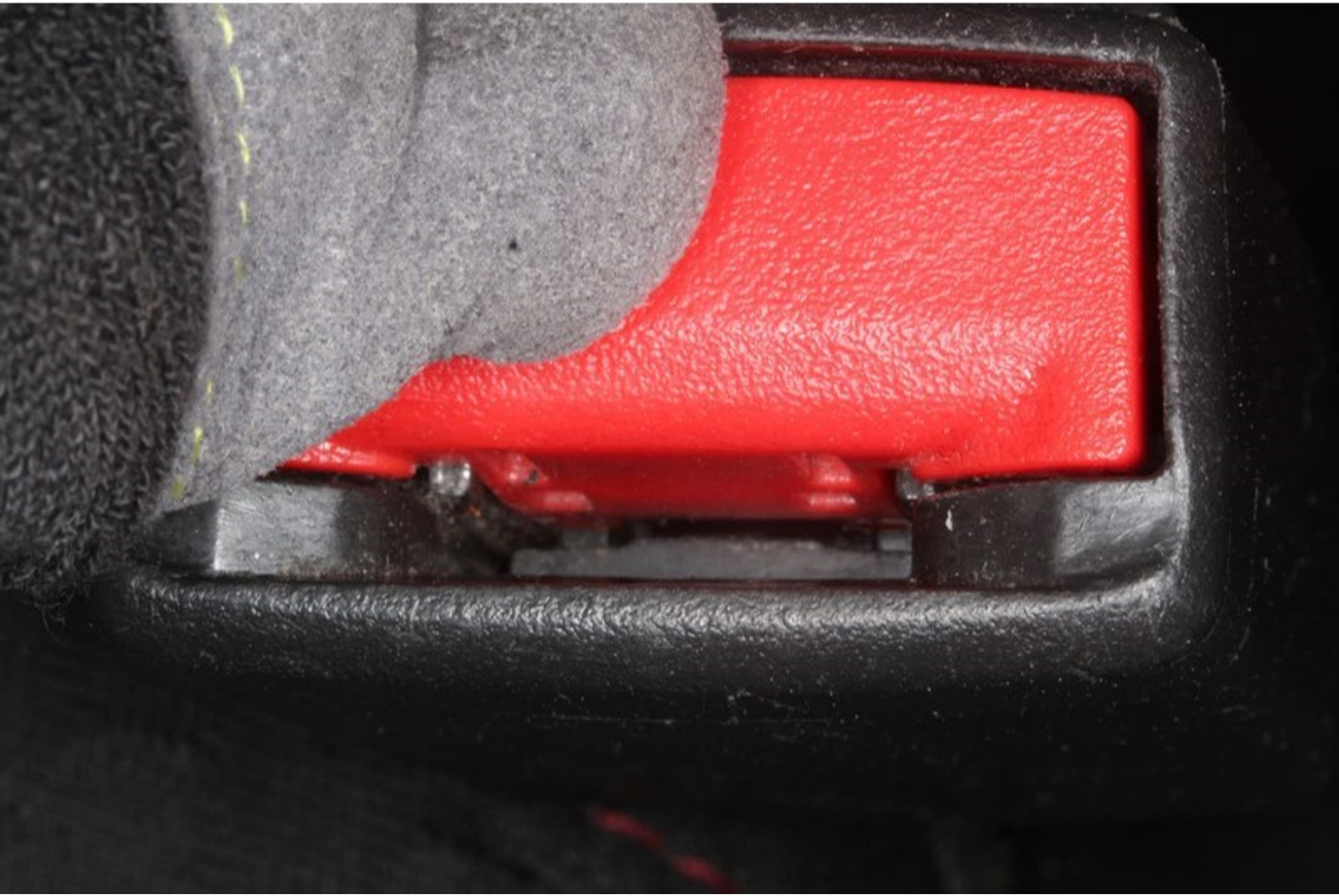





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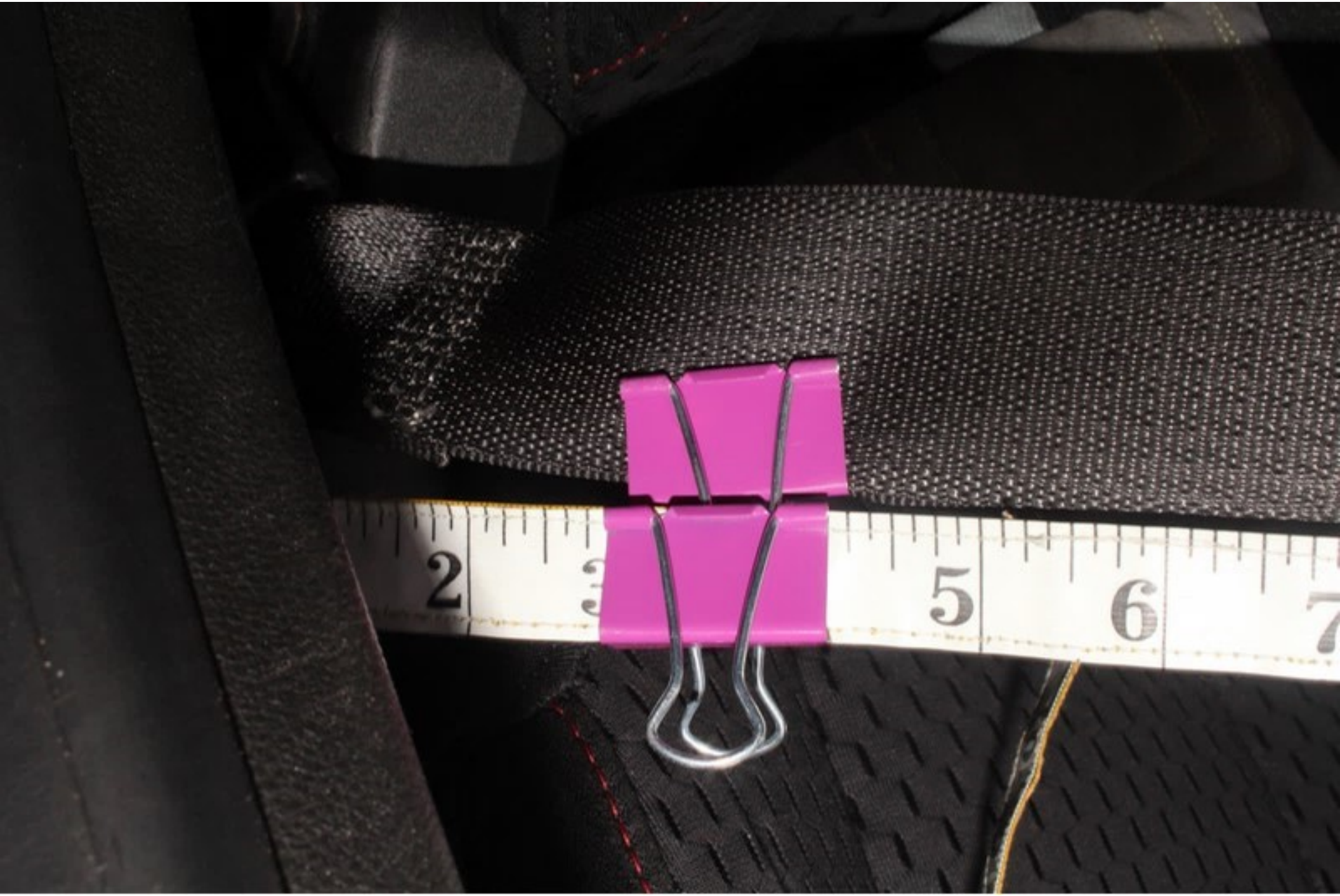
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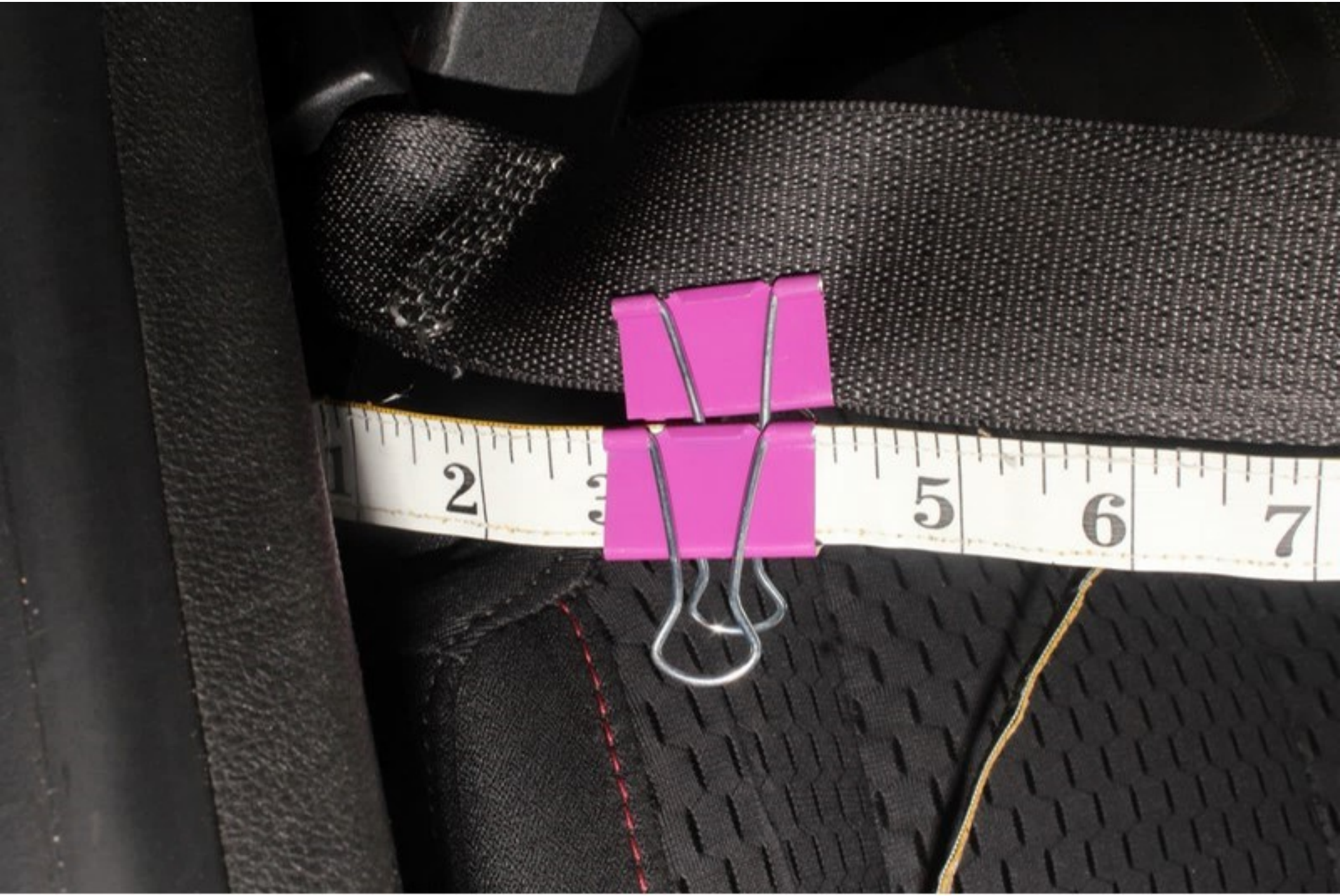
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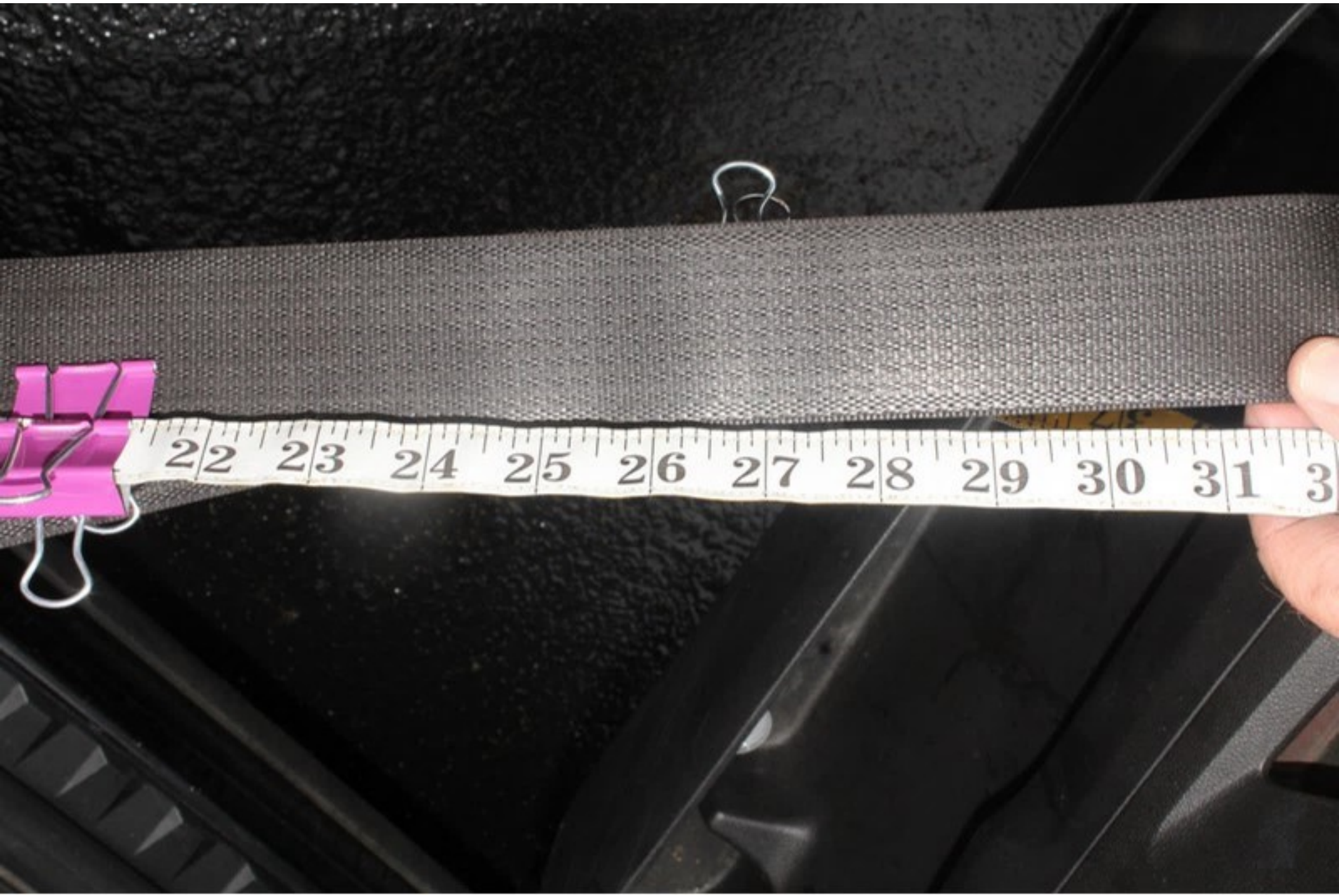
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TIRE AND LOADING INFORMATION








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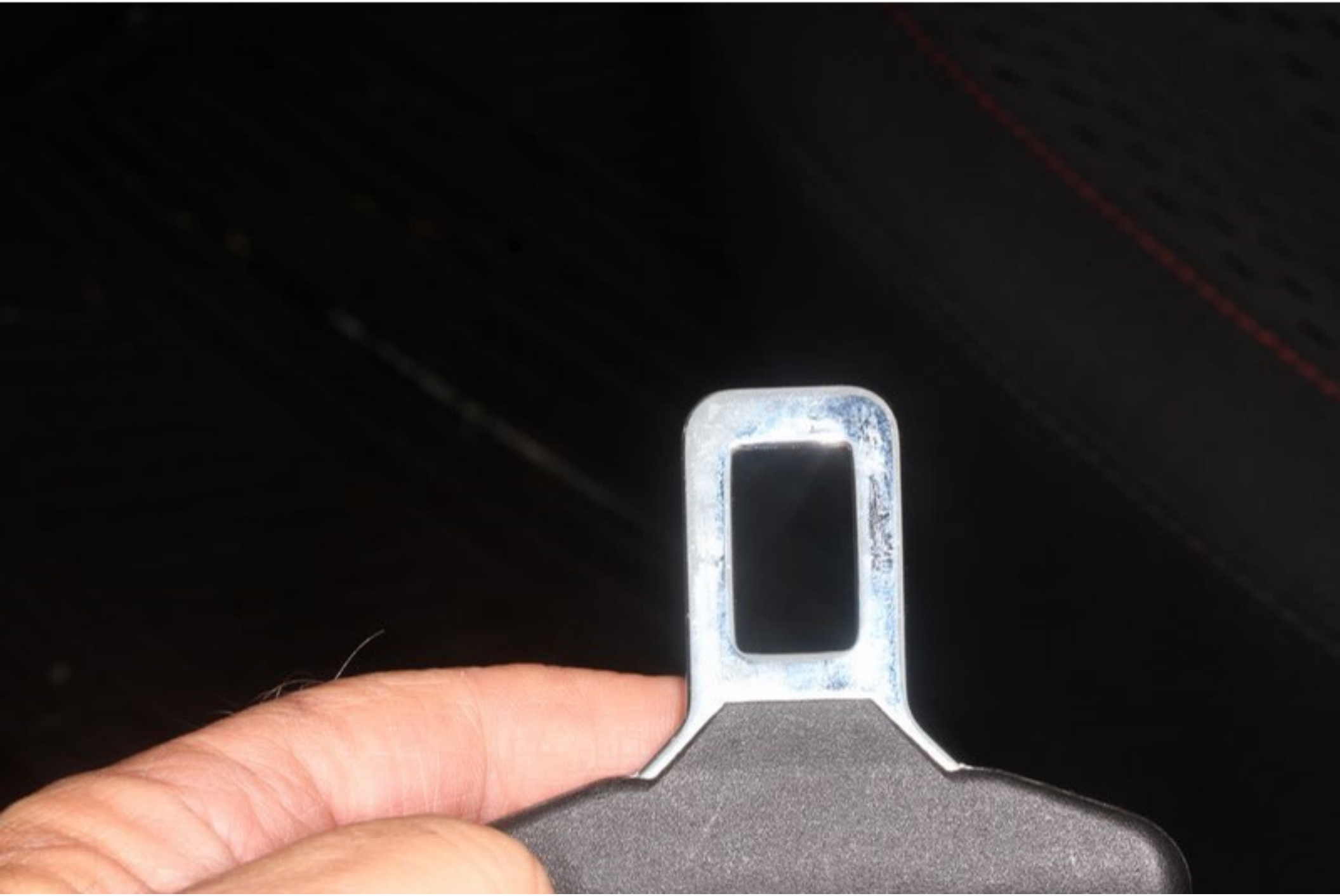


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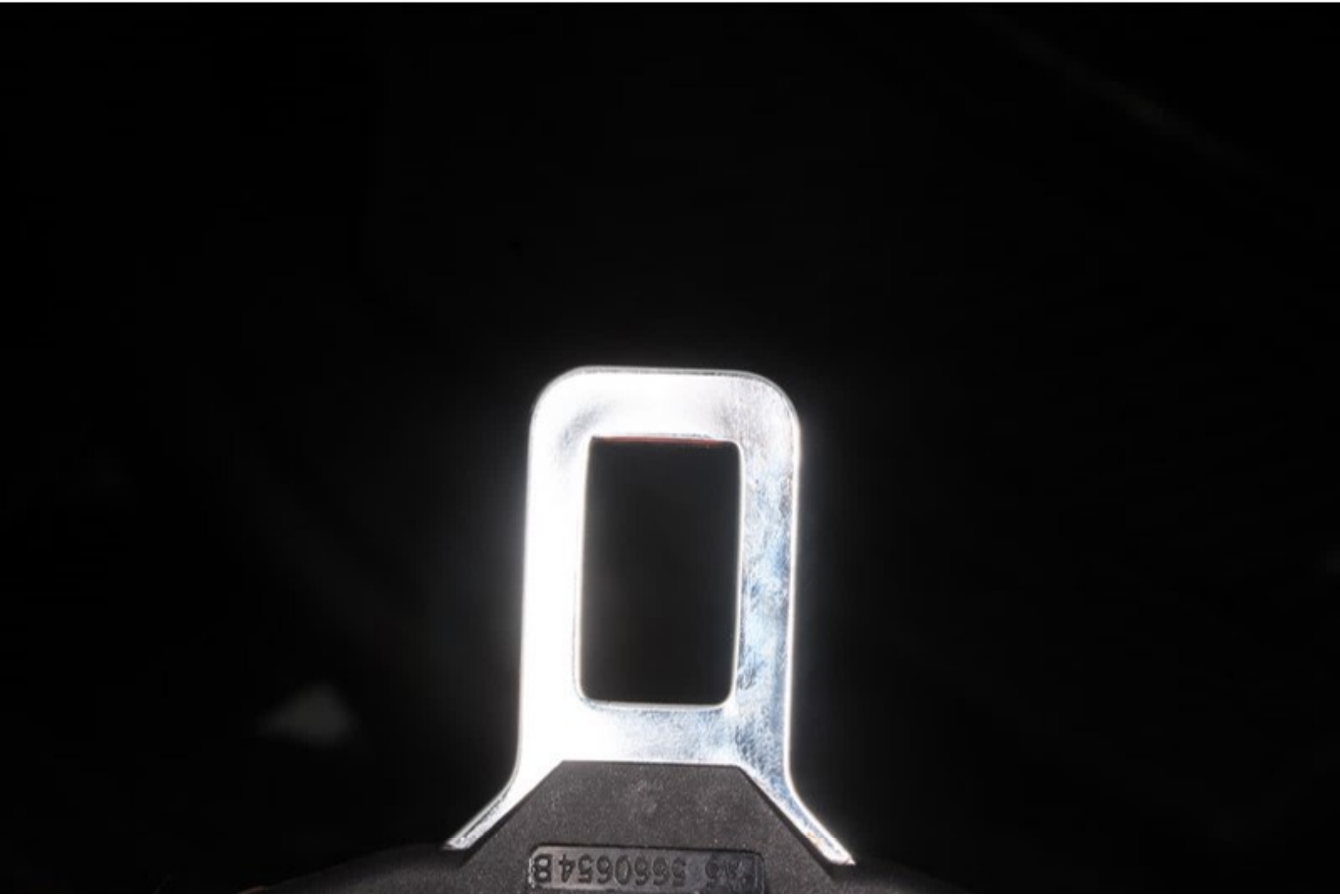
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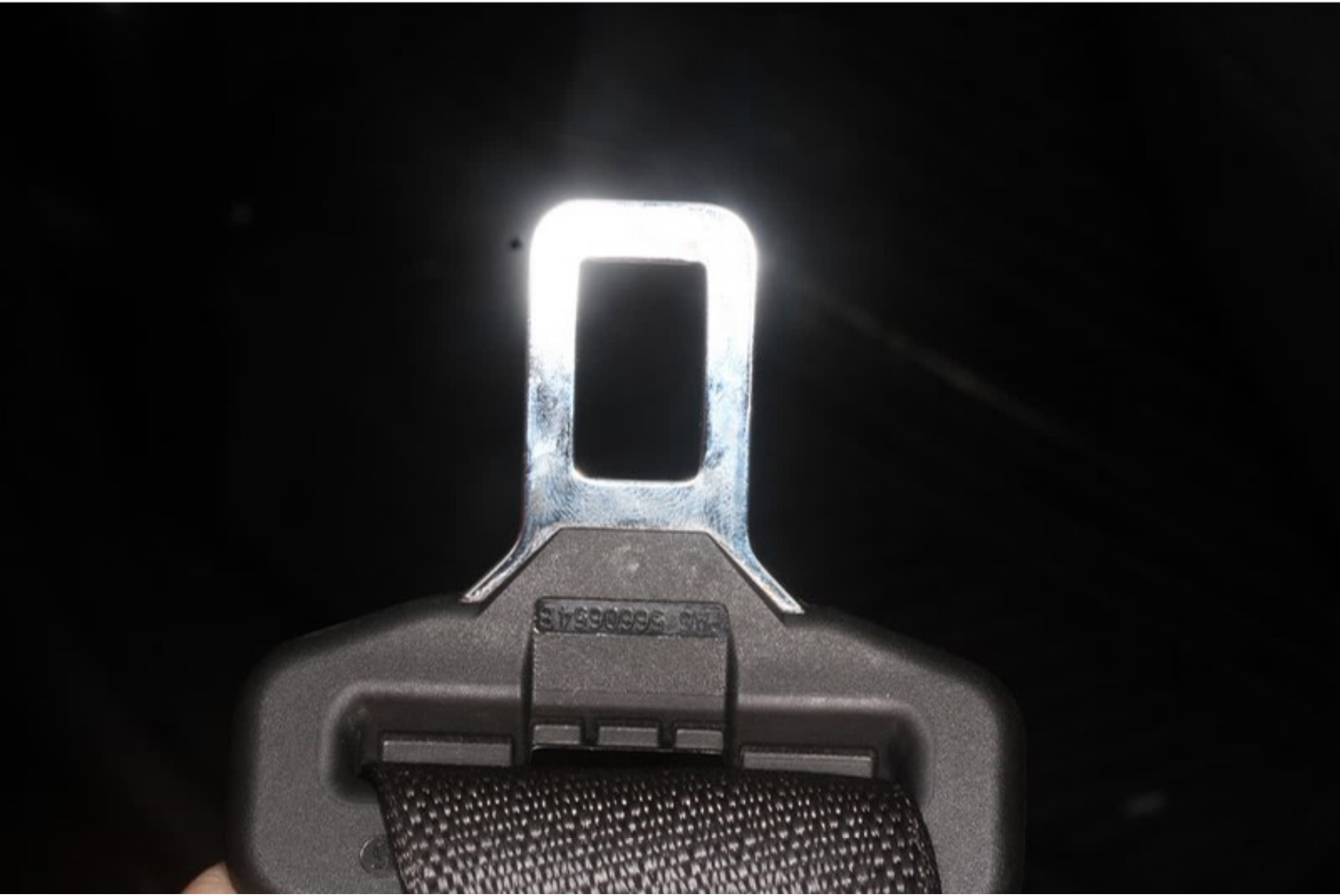


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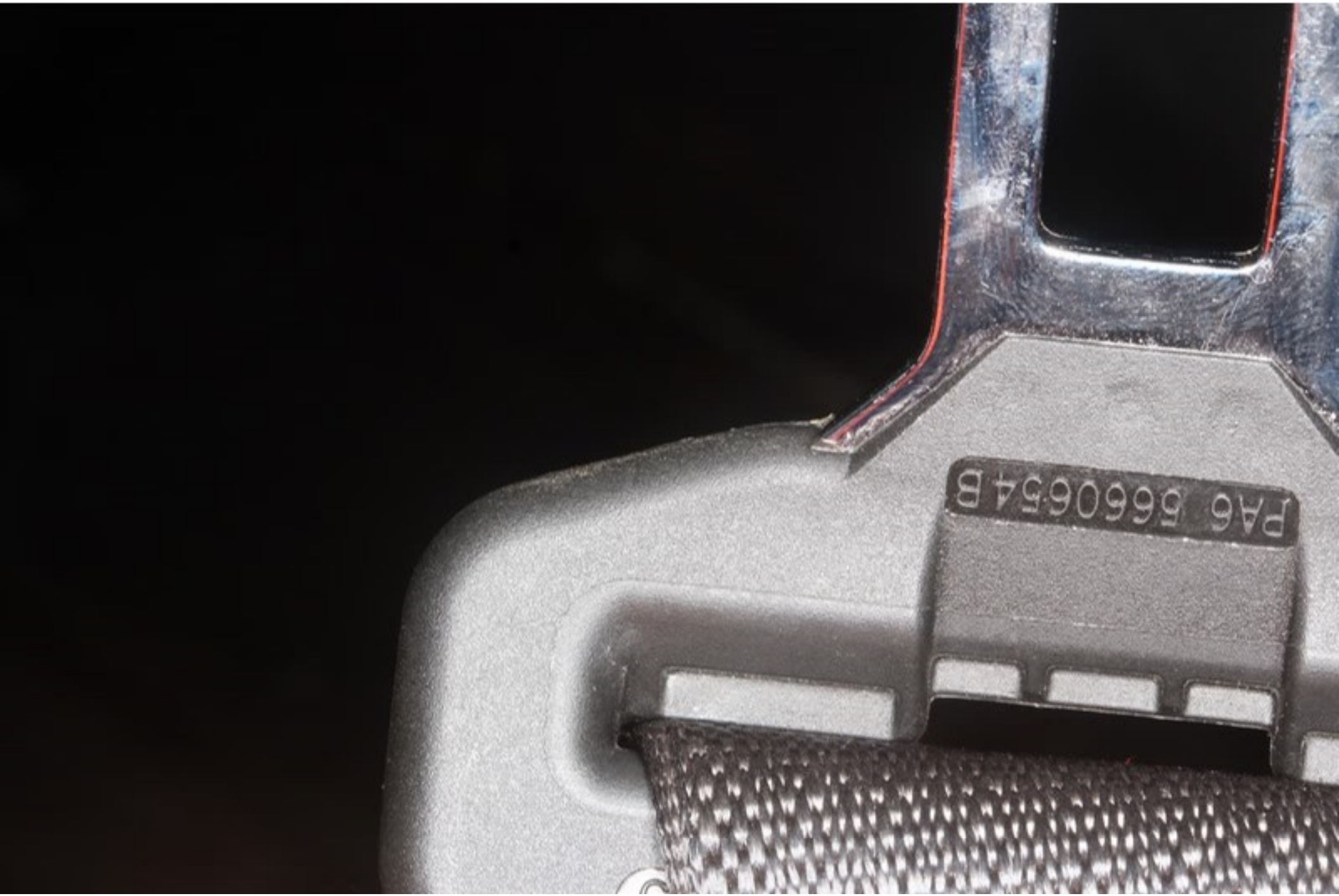
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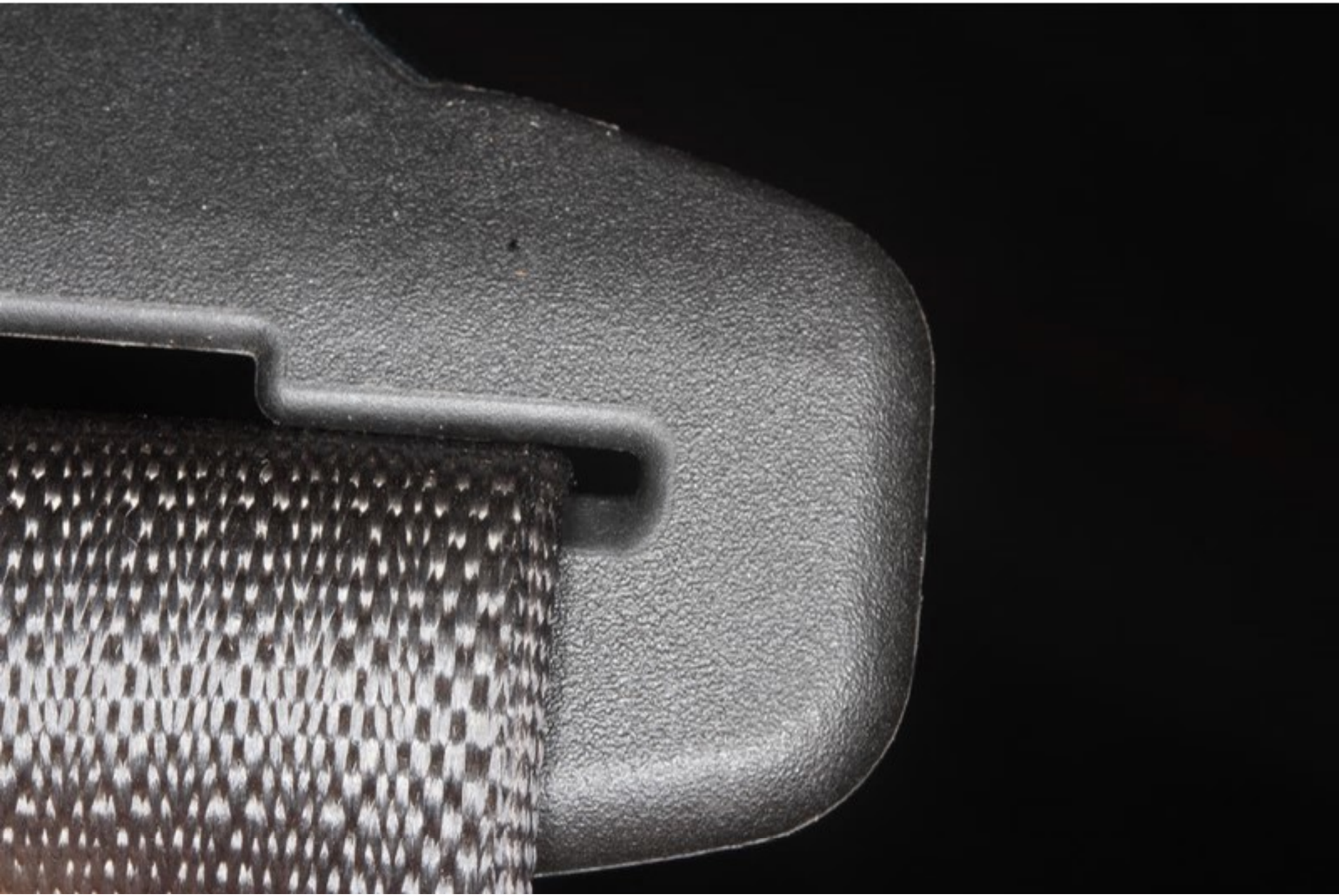

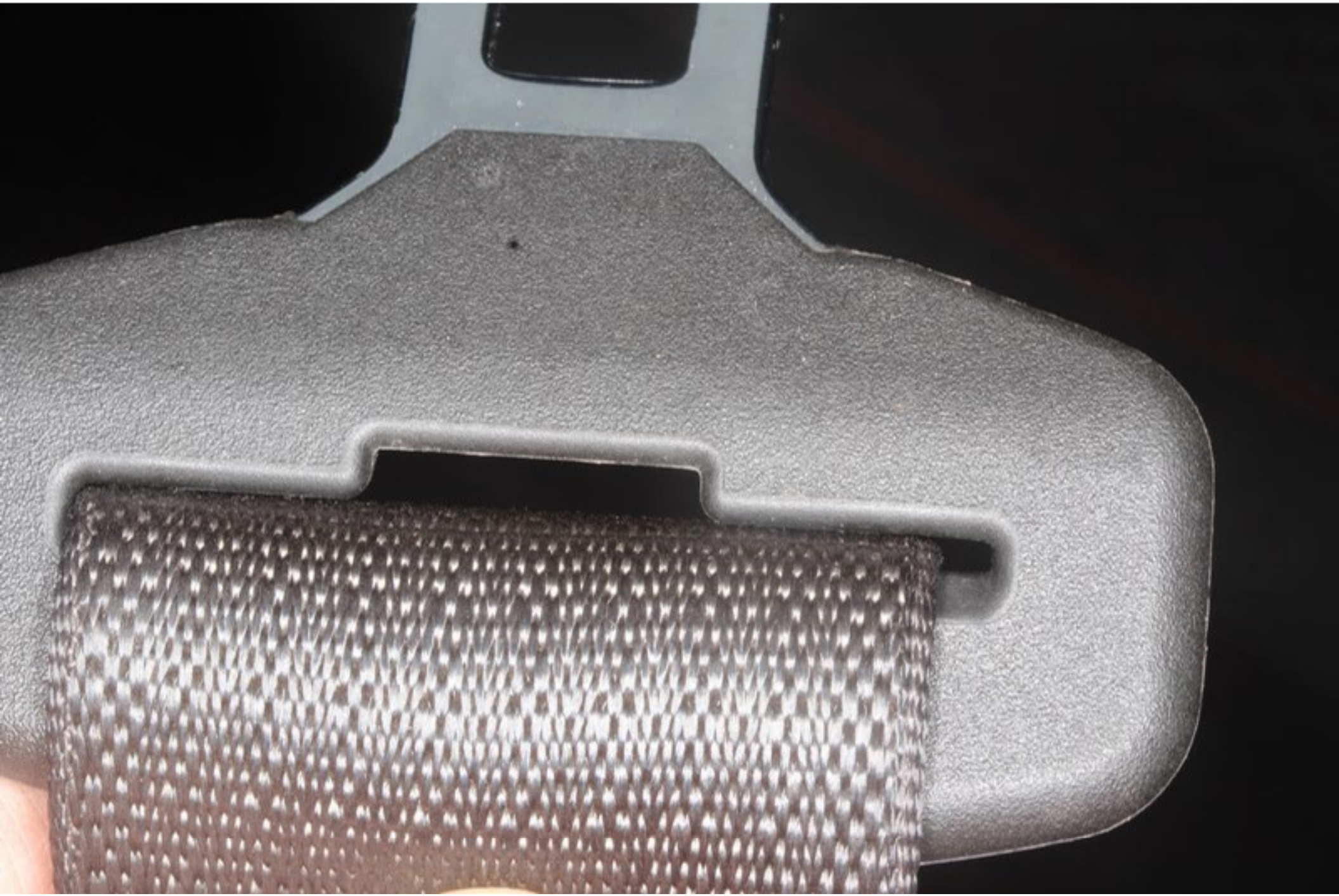





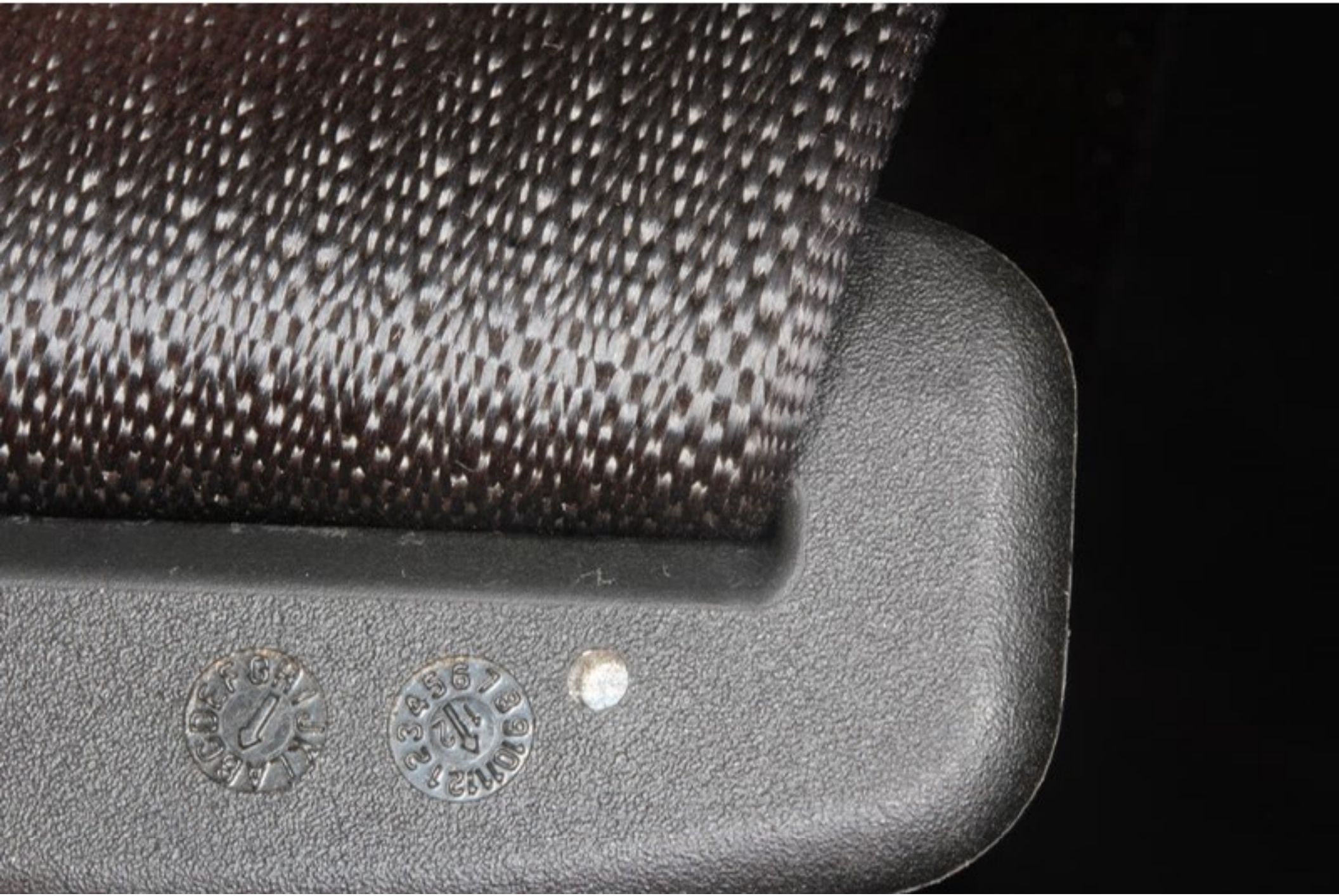

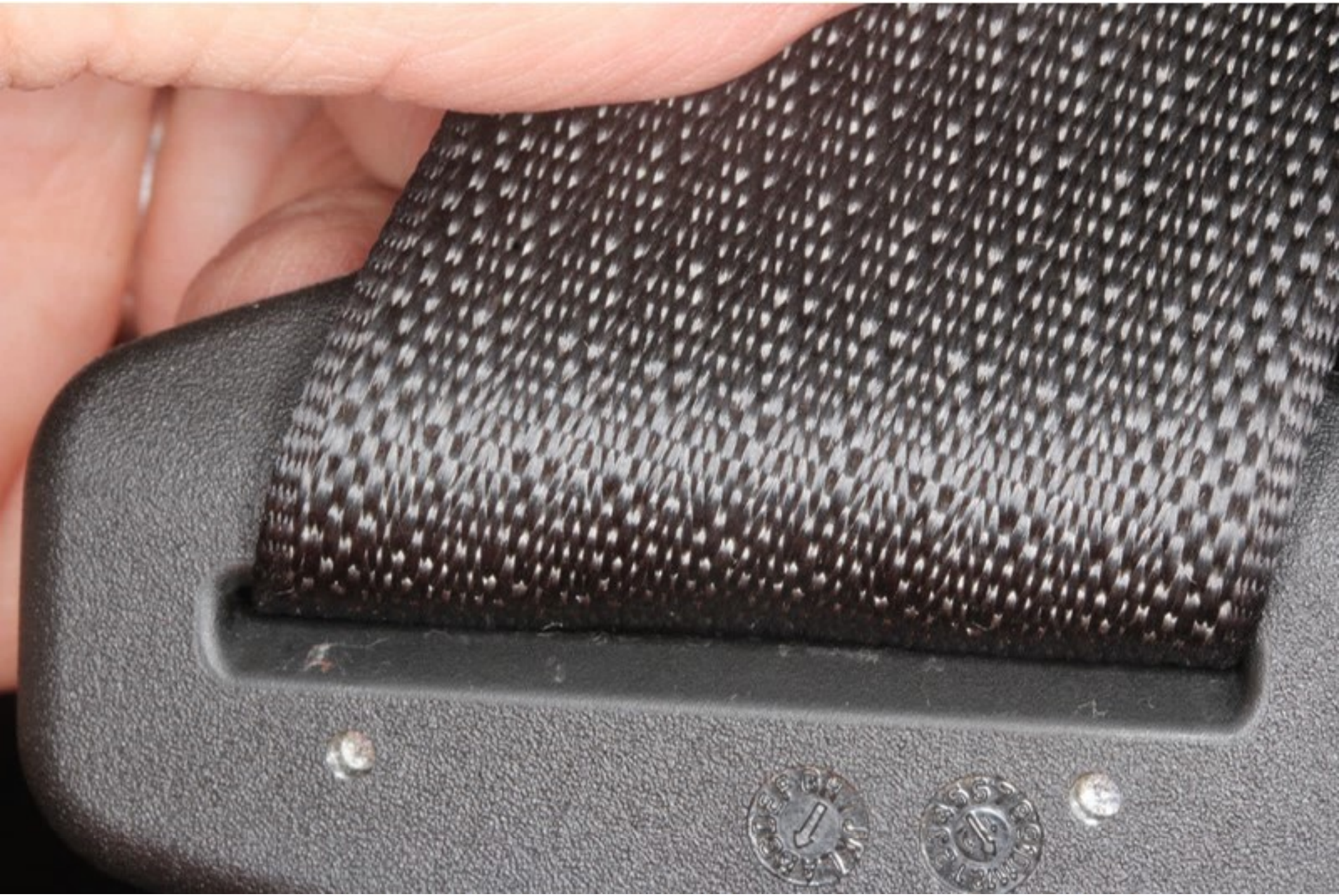








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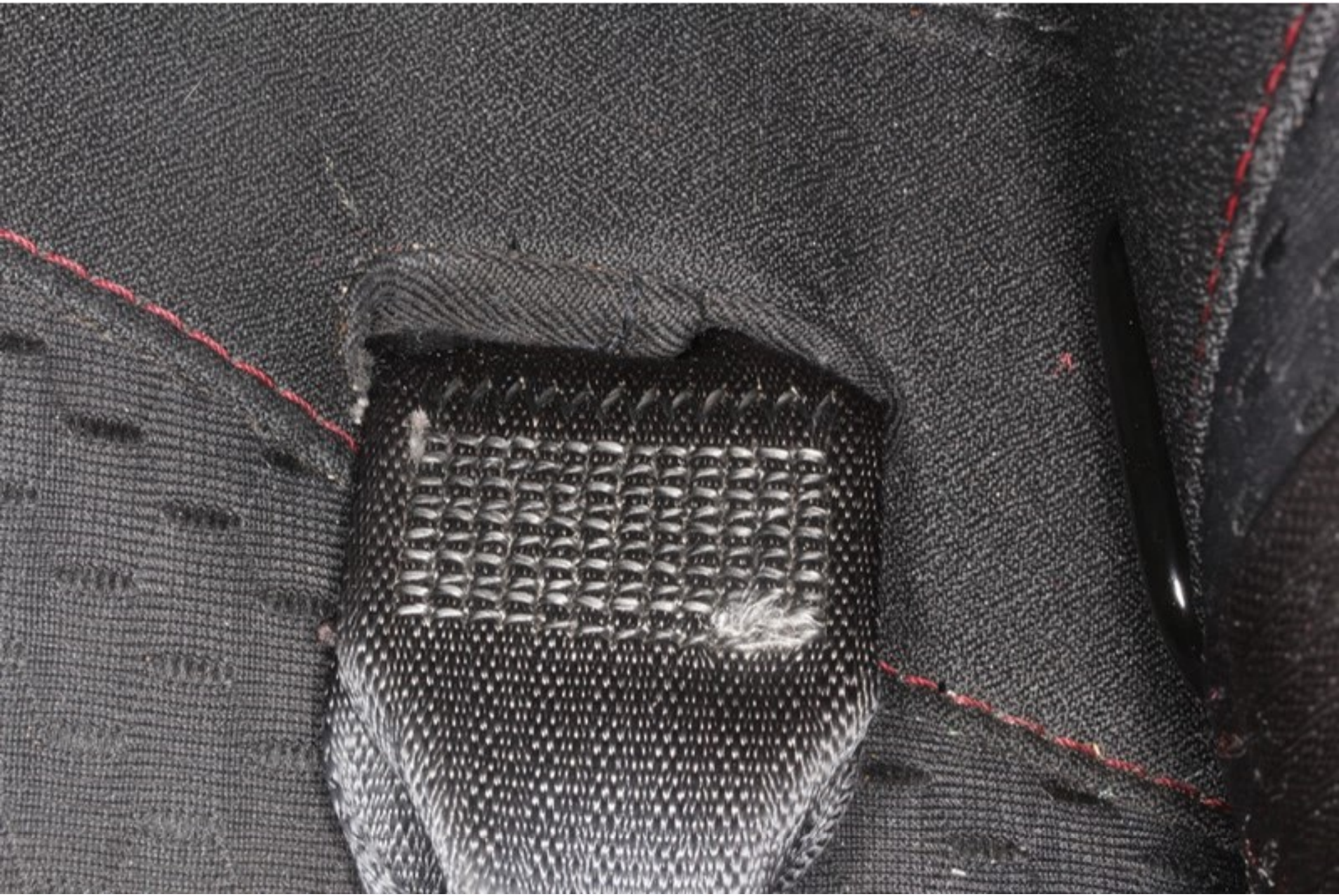





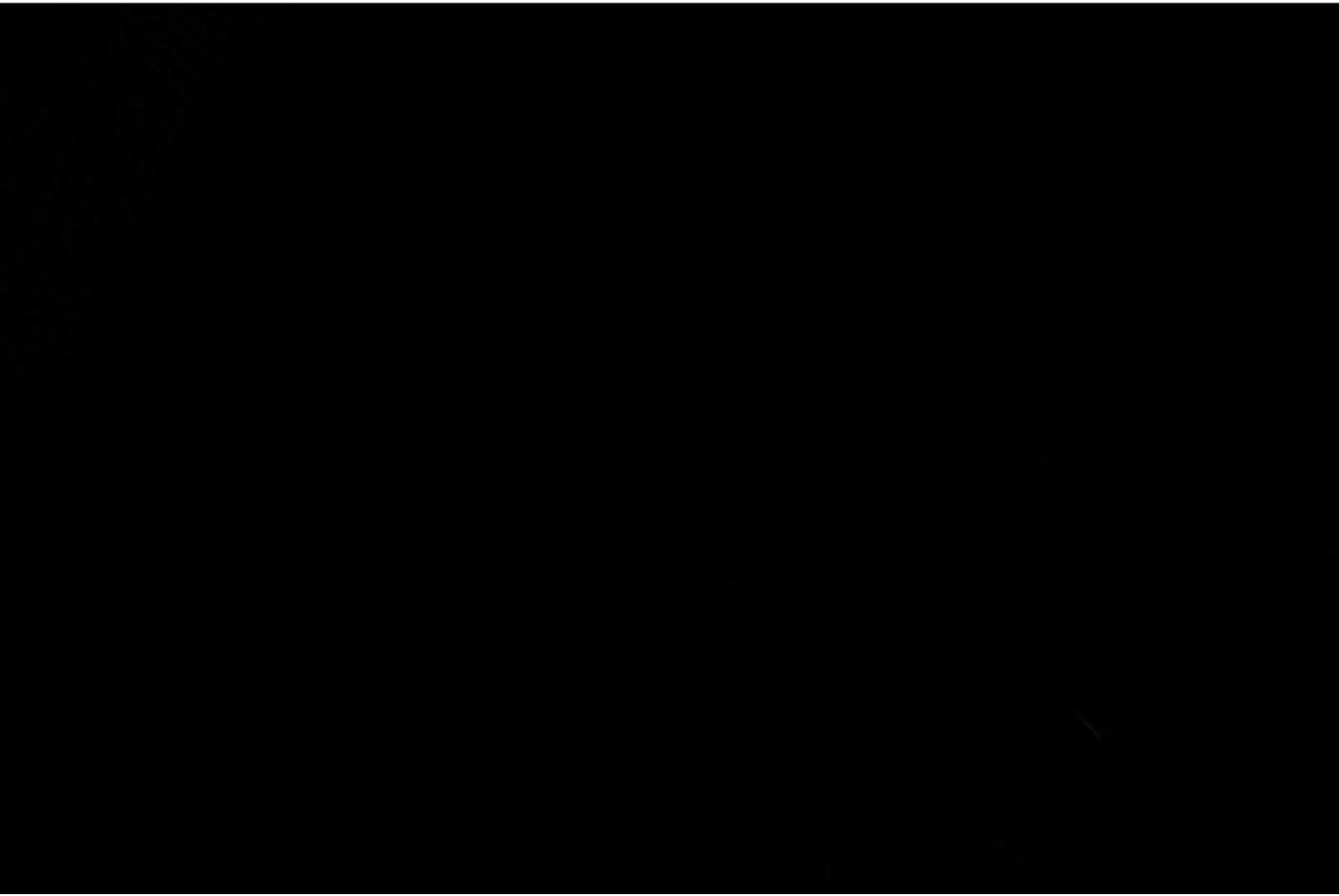

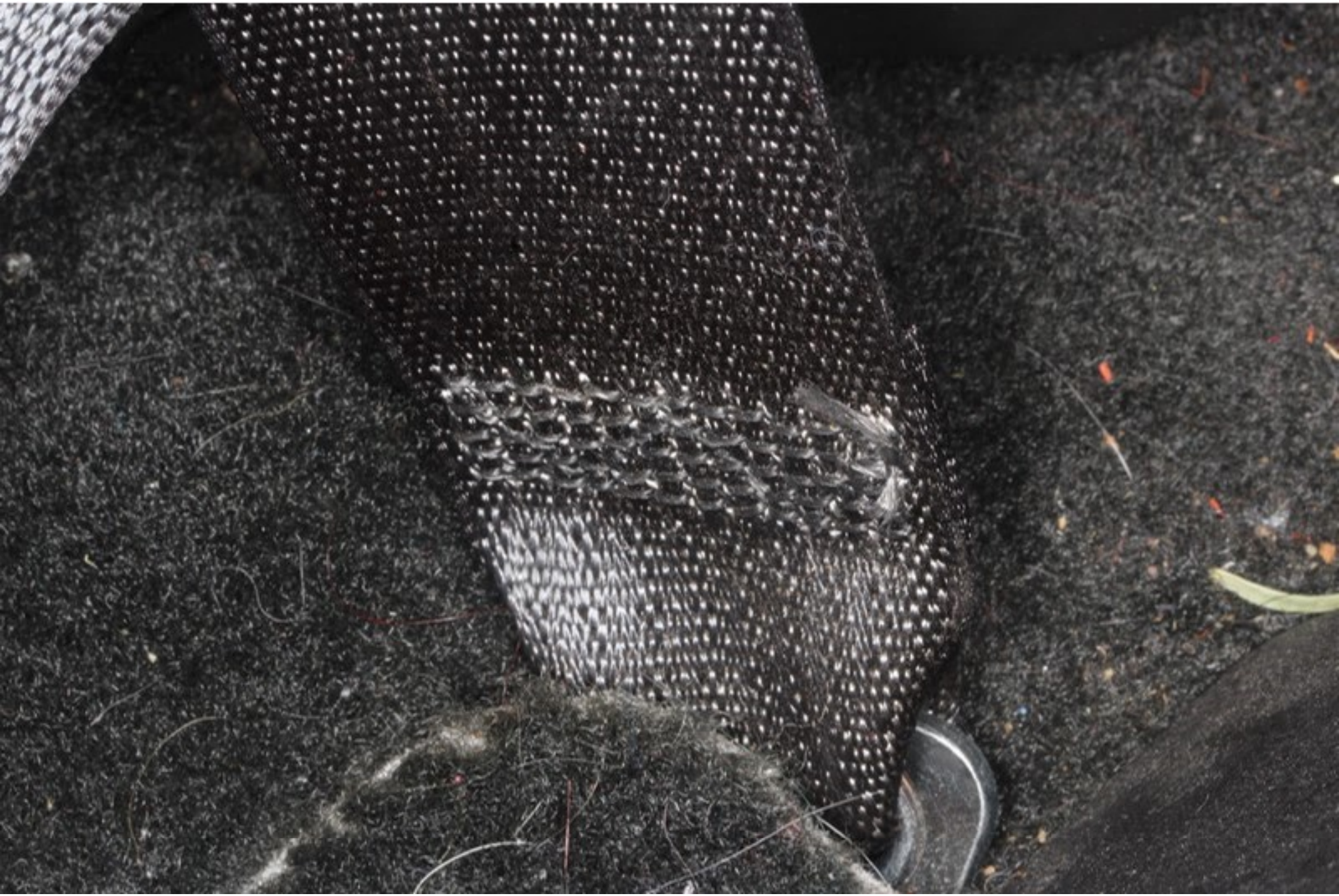





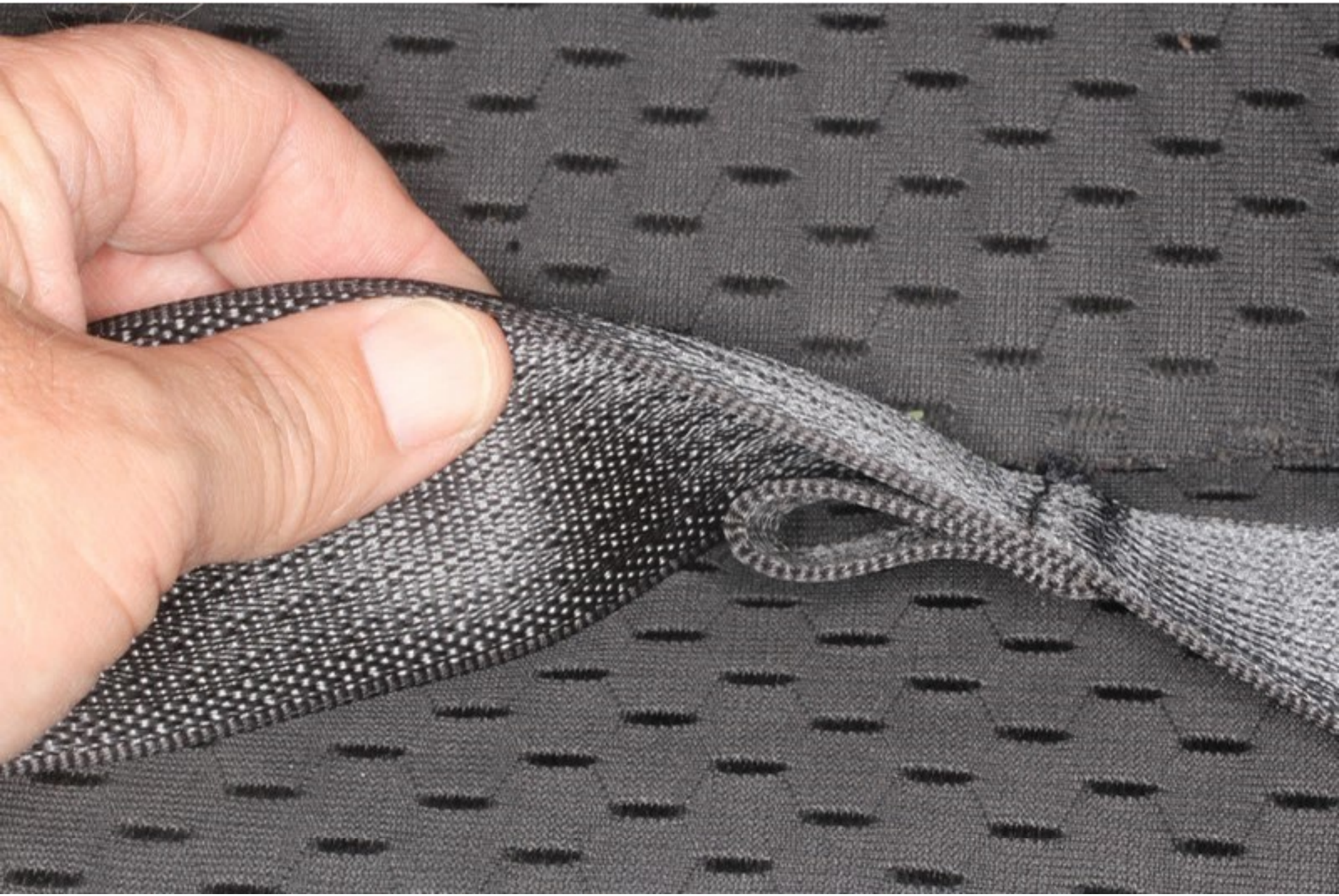

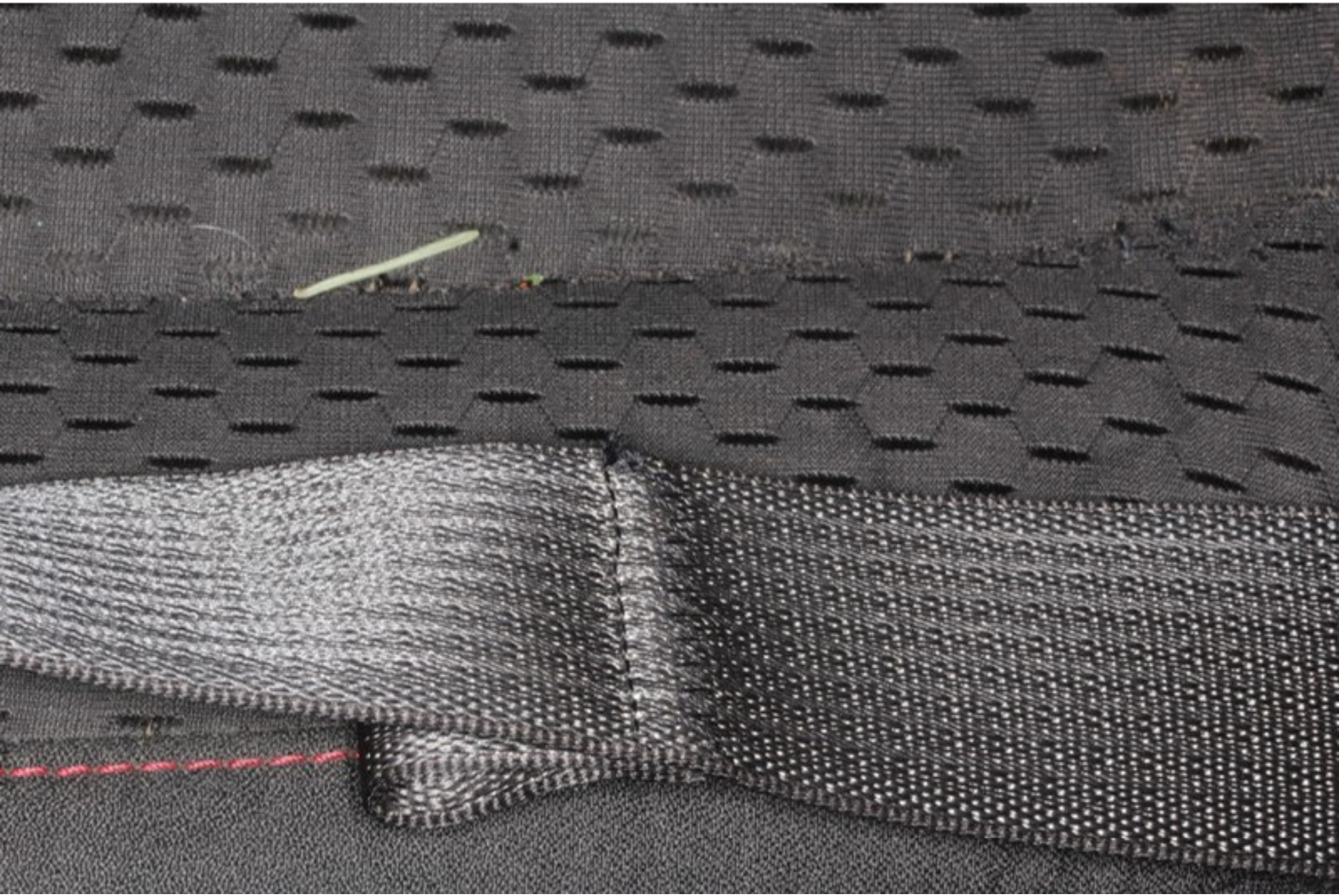


MADE IN CHINA




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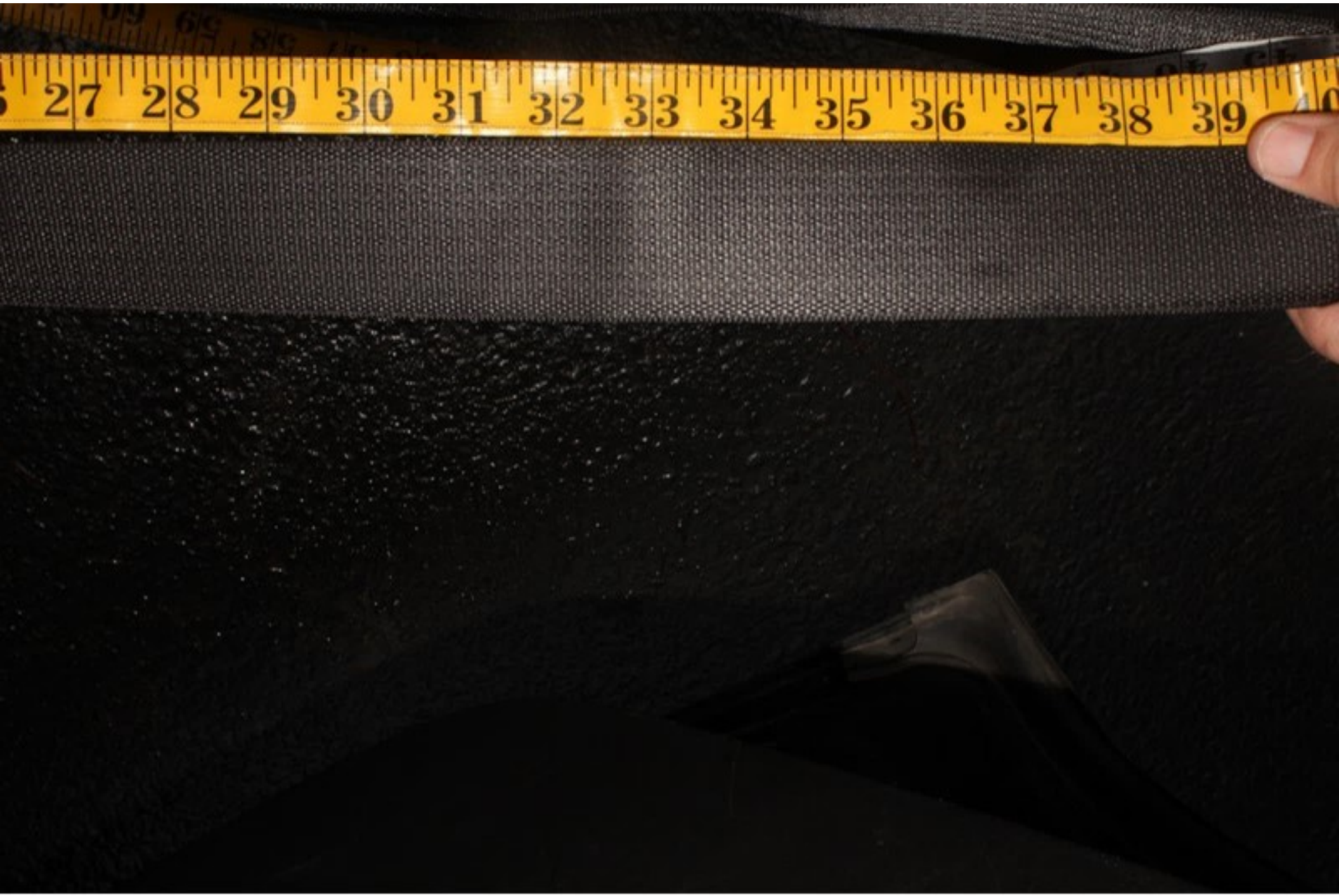
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INFORMATION REDACTED PURSUANT TOTHE FREEDOM
OF INFORMATION ACT (FOIA), 5 U.S.C.552(B)(6)
























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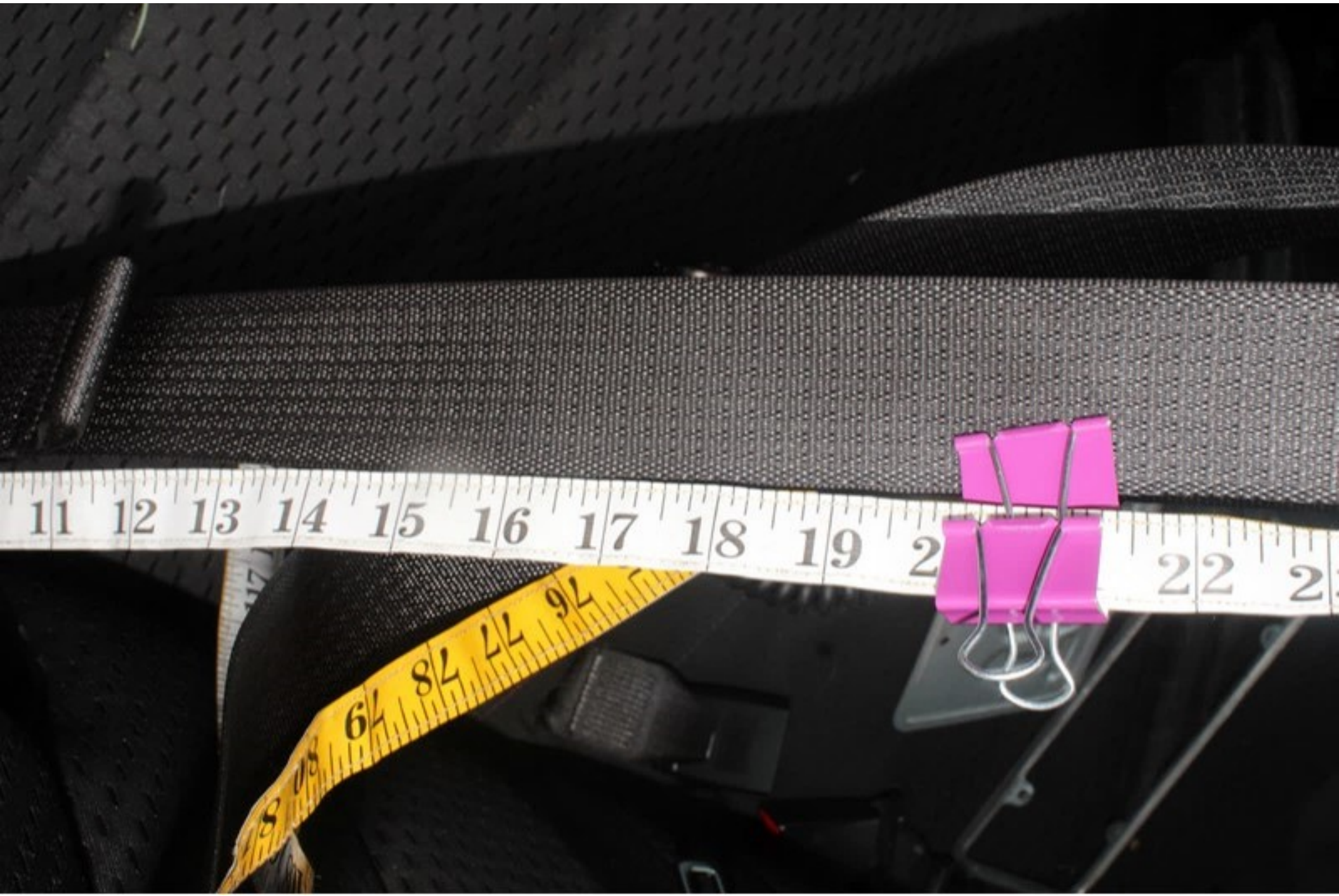
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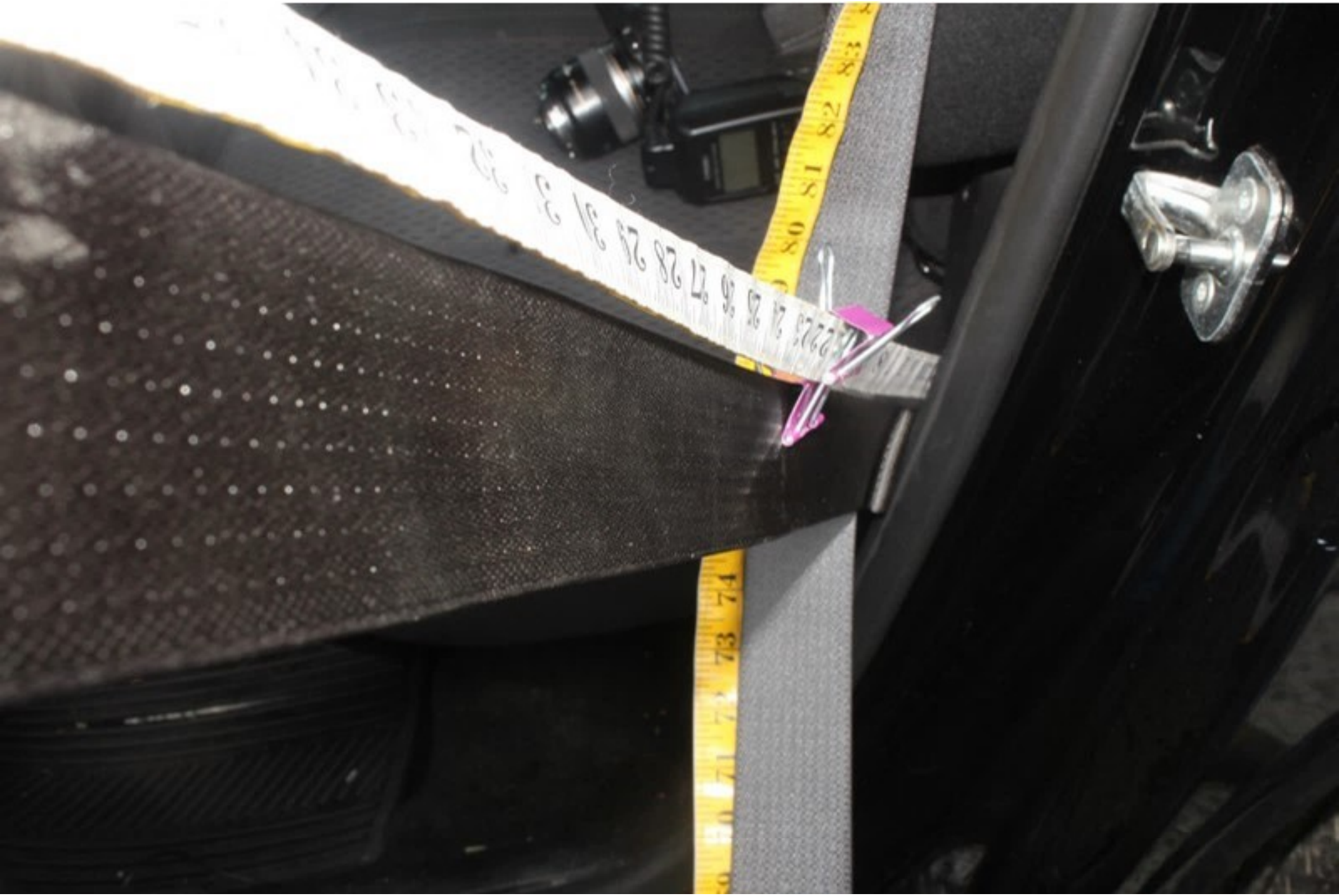

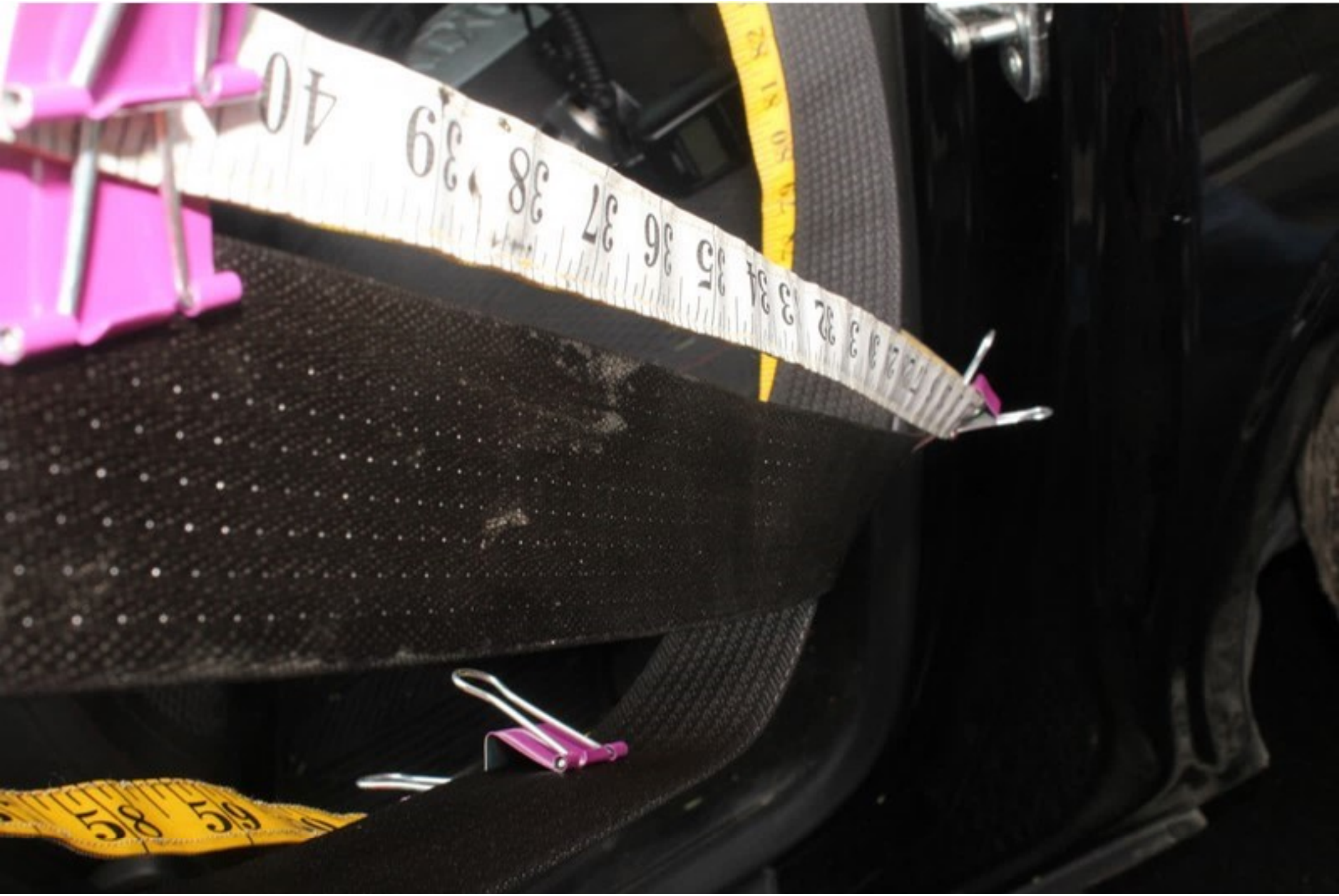

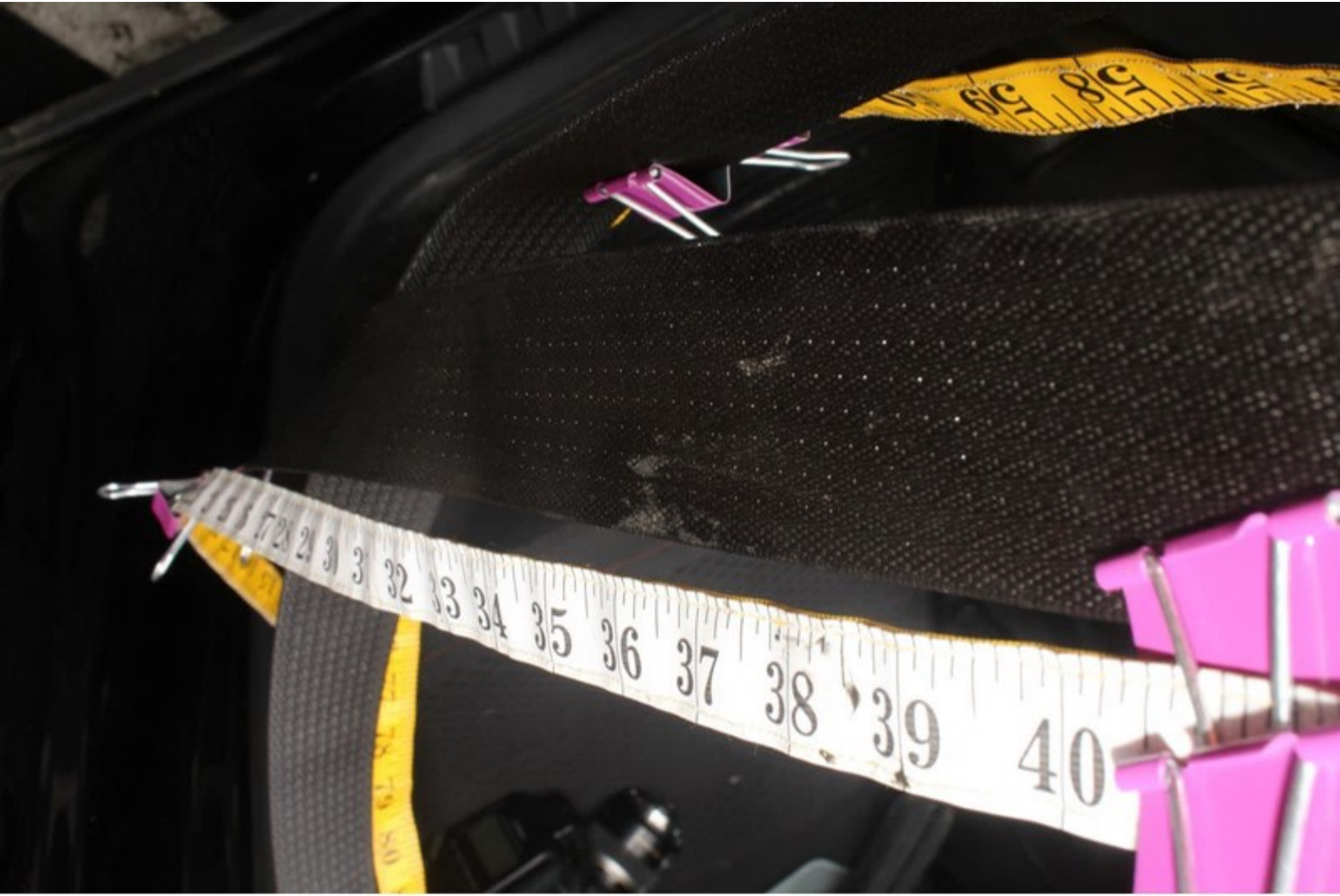
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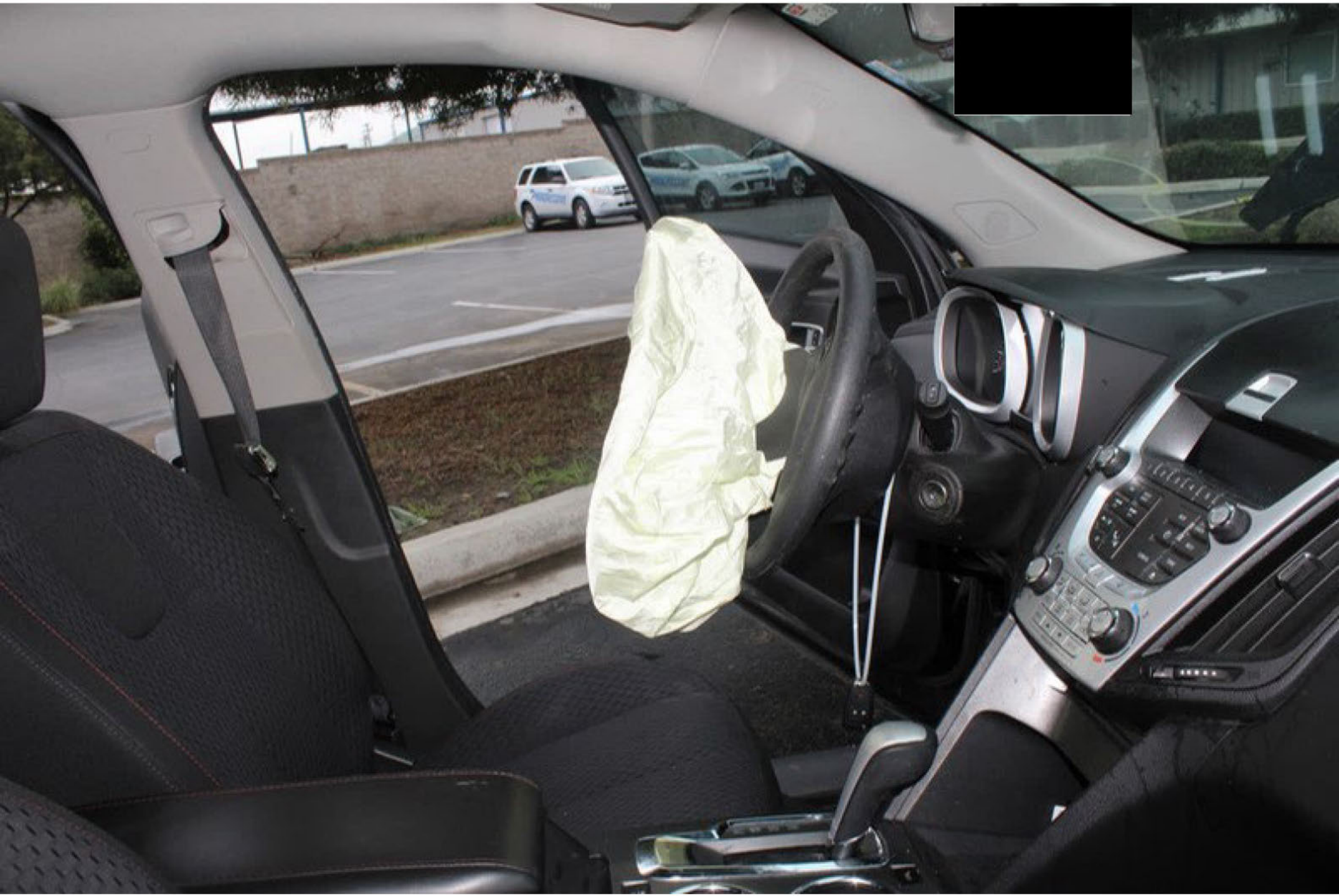

















GENERAL
PURPOSE


GENERAL
PURPOSE


GENERAL PURPOSE


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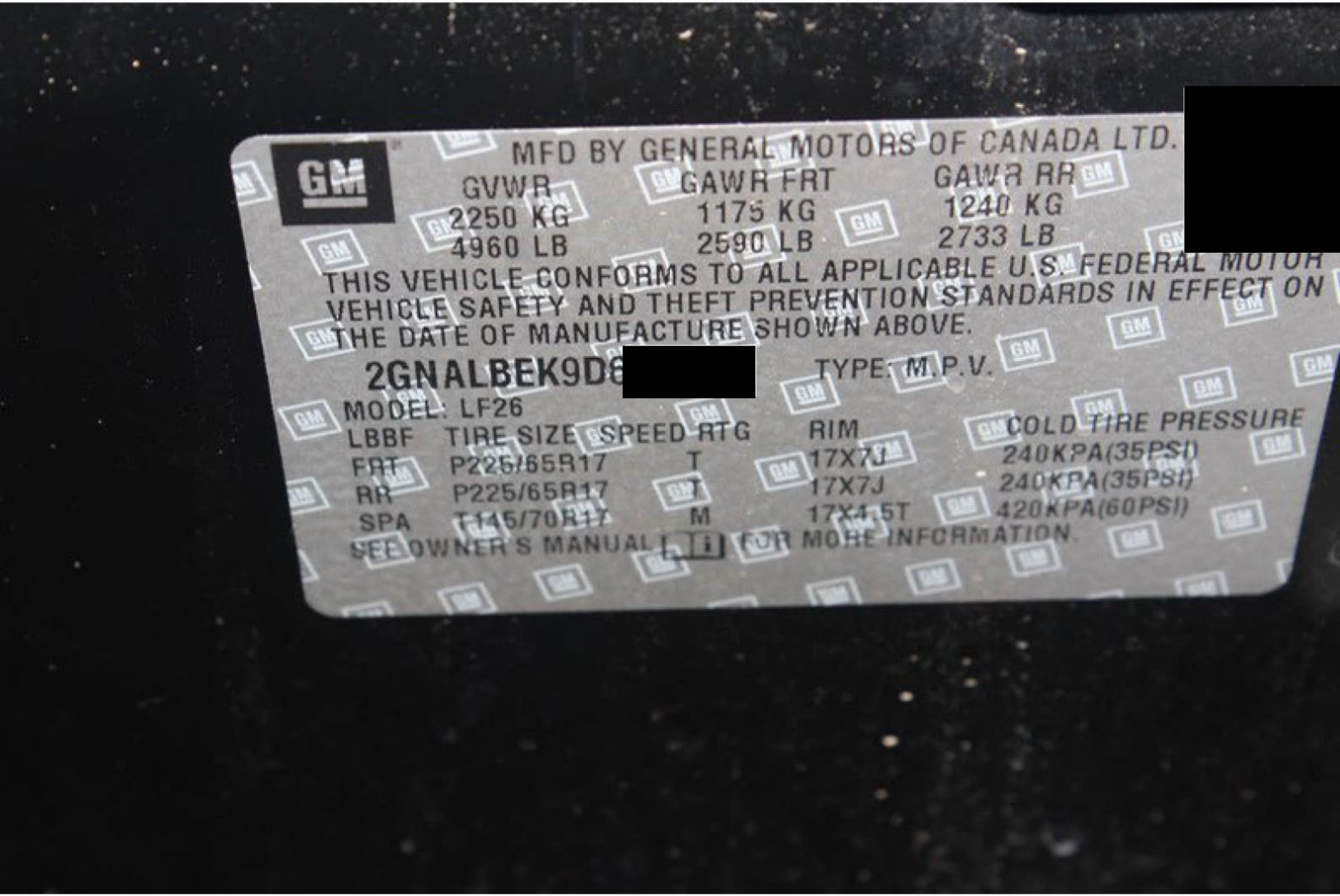
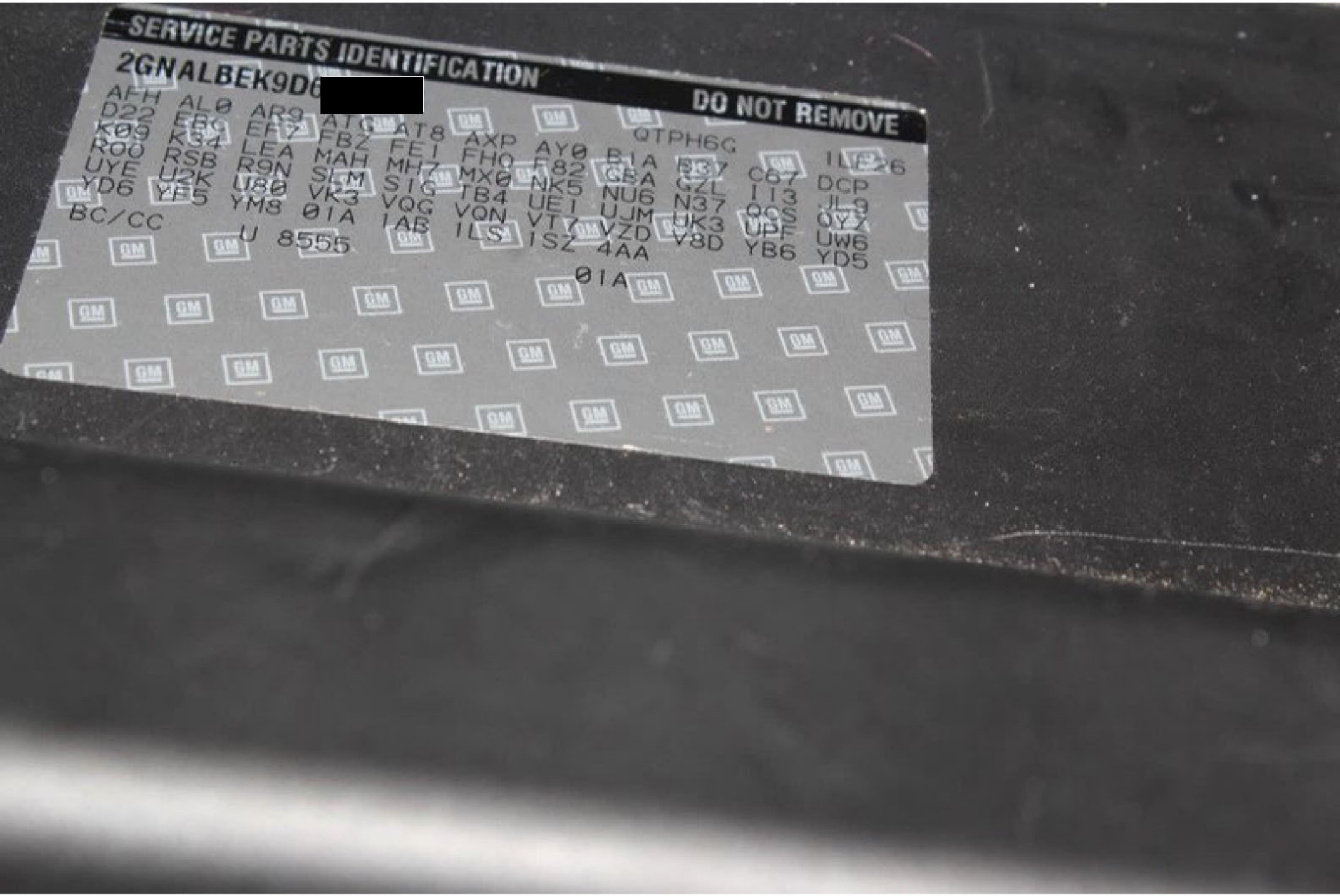

MFD BY GENERAL MOTORS OF CANADA LTD.
GVWR
2250 KG
4960 LB
GAWR FRT
1175 KG
2590 LB
GAWR RR
1240 KG
2733 LB
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.
2GNALBEK9D6
TYPE: M.P.V.
MODEL: LF26
LBBF TIRE SIZE SPEED RTG RIM COLD TIRE PRESSURE
FRT P225/65R17 T 17X7J 240KPA(35PSI)
RR P225/65R17 T 17X7J 240KPA(35PSI)
SPA T145/70R17 M 17X4.5T 420KPA(60PSI)
SEE OWNER'S MANUAL [i] FOR MORE INFORMATION.


CDR




SERVICE PARTS IDENTIFICATION
2GNALBEK9D6[redacted]
DO NOT REMOVE
AFH AL0 AR9 ATG AT8 AXP AY0 B1A B37 C67 DCP
D22 EBG EF7 FBZ FE1 FHQ F82 GBA GZL I13 JL9
K09 K34 LEA MAH MH7 MX0 NK5 NU6 N37 QCS QYZ
R00 RSB R9N SLM SIG TB4 UE1 UJM UK3 UPF UW6
UYE U2K U80 VK3 VQG VQN VT7 VZD V8D YB6 YD5
YD6 YF5 YM8 01A 1AB 1LS 1SZ 4AA
BC/CC
U 8555
01A
QTPH6G
ILE26
GM











































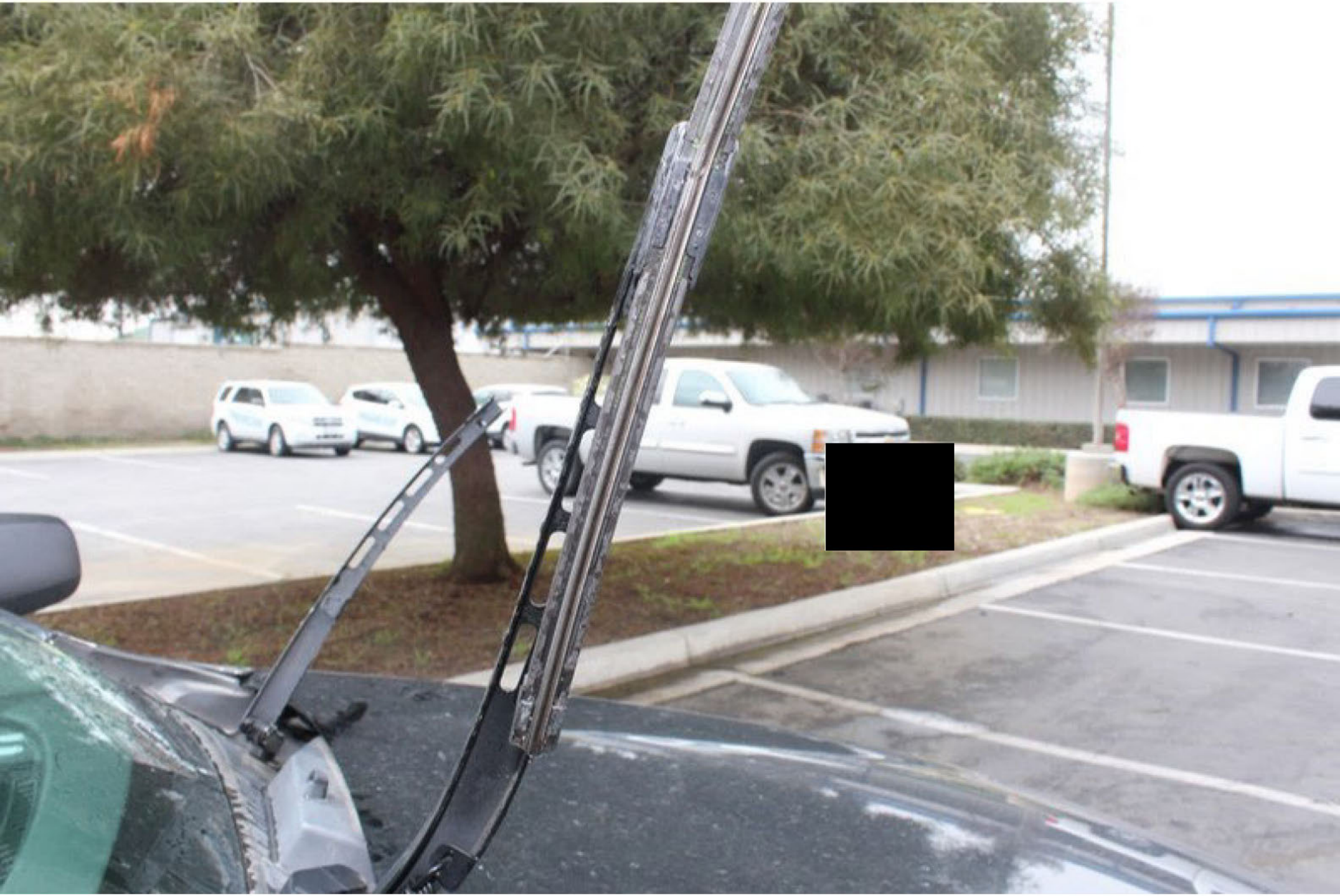




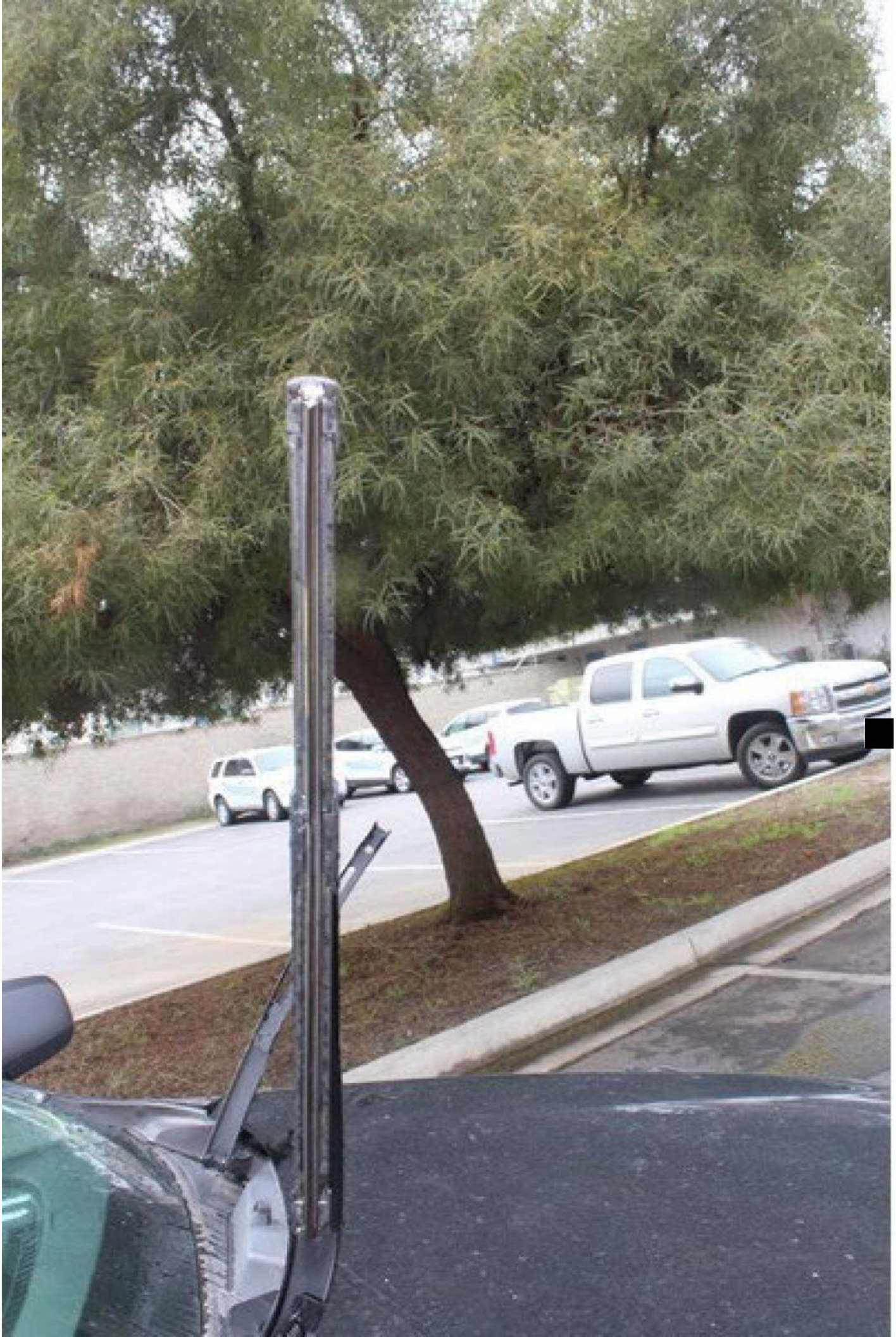












































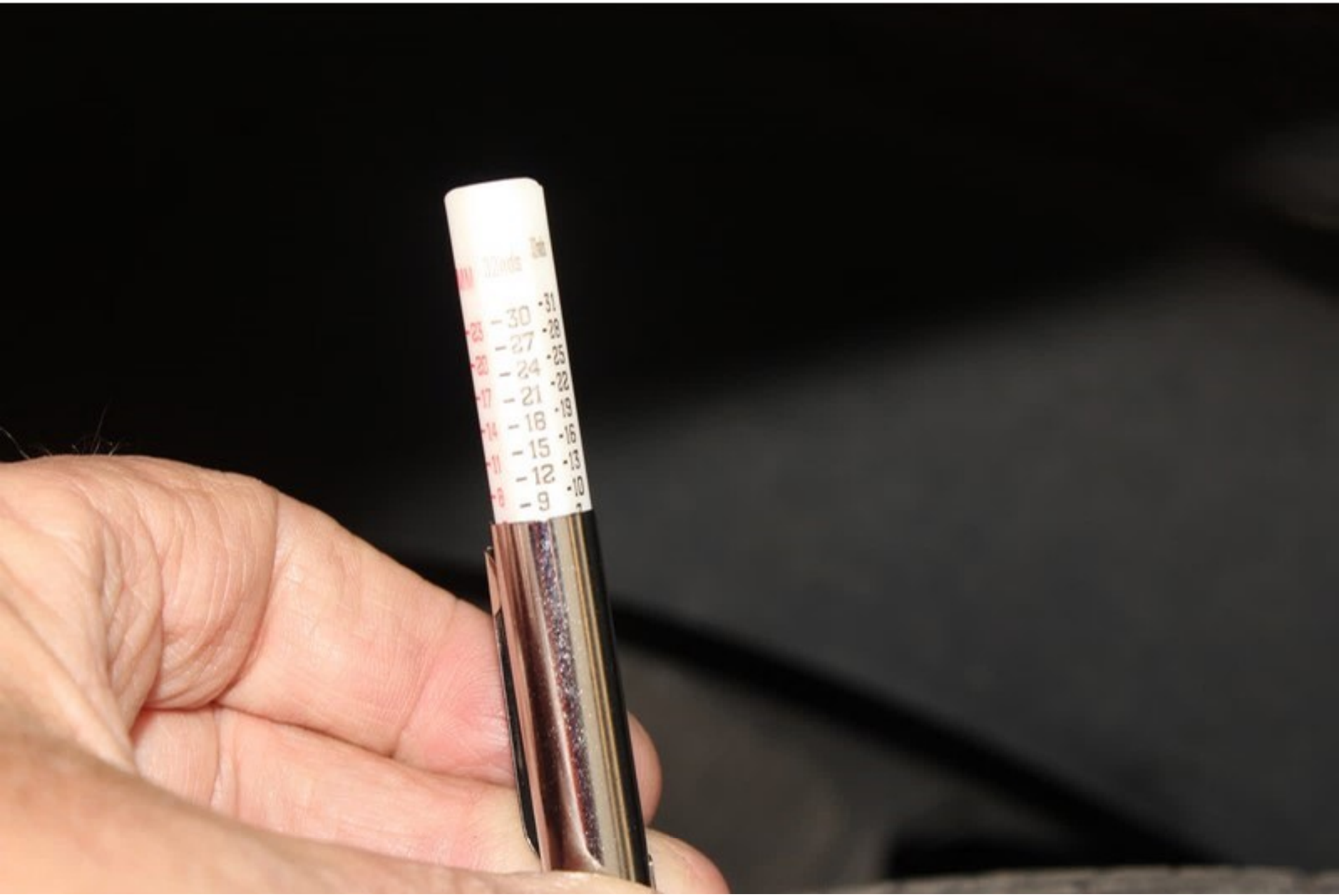








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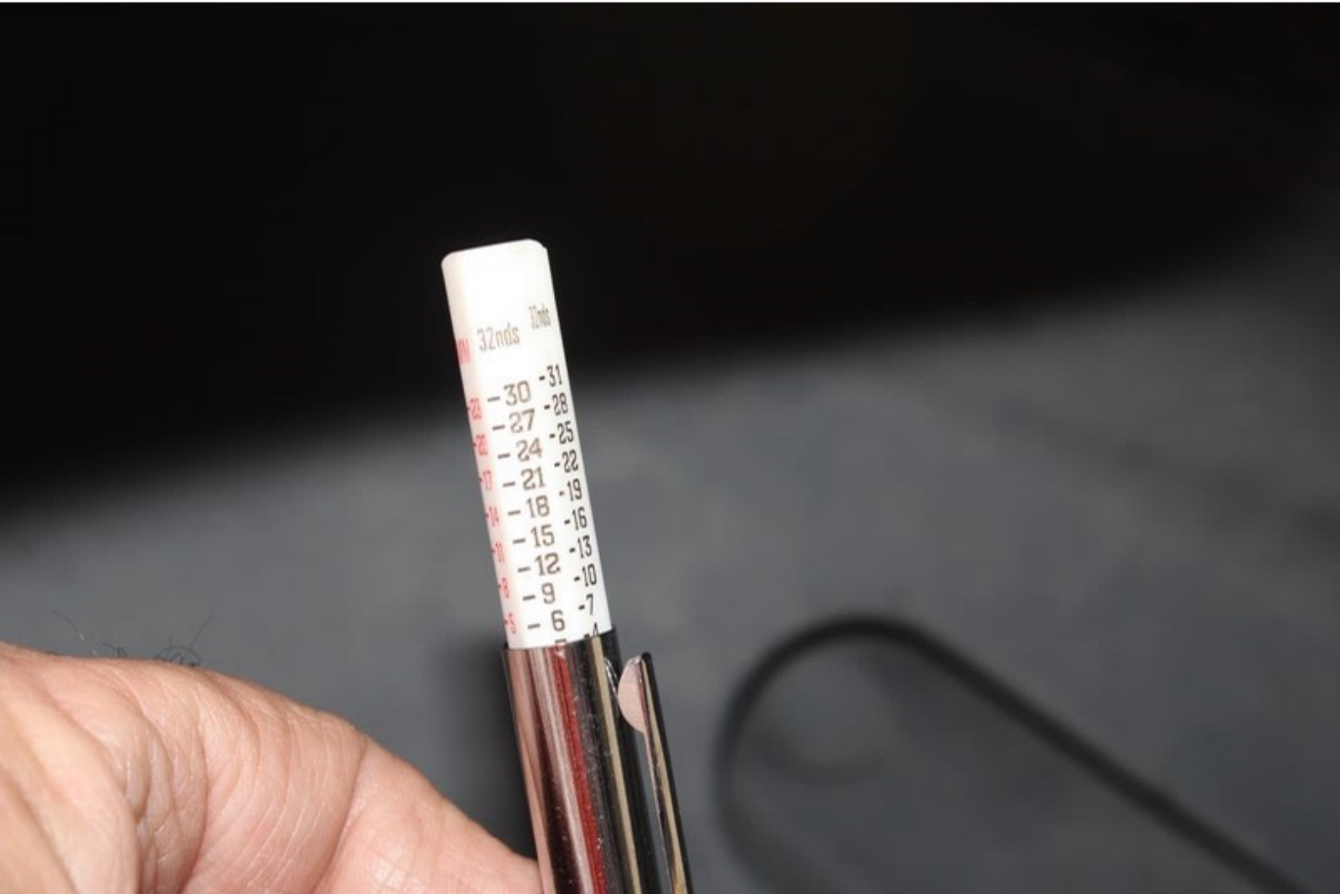
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GlobalWarranty

Logout

January 11, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Summary

INTERFACE WITH CUSTOMER

View Vehicle Summary

This screen allows IVH users to view the Summary of Vehicle Information, Field Actions, Service Information, Applicable Warranties, Transaction History, Service Contract(s) if applicable, Warranty Block, Branded Title information and OnStar and XM Radio information (if applicable).

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALBEK9D6[redacted] Model: 1LF26-2013 EQUINOX LS FWD

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

REQUEST ANOTHER VIN

Required Field Actions

Open Field Action Details are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	[redacted]	25302	Windshield Wipers	08/16/2016	Incomplete. Remedy not available

Branded Title

*The VIN information contained herein and information derived therefrom is the proprietary property of The Polk Company and is to be used only for the purpose of warranty verification and shall not be used for any other purpose whatsoever.

Vehicle has no current record of branded titles.

Warranty Block

Vehicle has no current record of warranty block.

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

Refer to Help page for details. For OnStar contact 888.ON.STAR1 (888.667.8271) and for XM Radio contact 877.GET.XMST (877.438.9677 Canada) and in the USA:800-556-3600.

OnStar Equipped: Y OnStar Status: Active

XM Equipped: Y XM Radio ID: ZCCMT2WD XM Status: Active

OnStar Vehicle Diagnostics: N DMN Enabled: Y

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	Emission Limited Warranty	11/19/2014	03/10/2013	1,967 MI	03/10/2028	151,967 MI
	PZEV Emission Limited Warranty	11/19/2014	03/10/2013	1,967 MI	03/10/2028	151,967 MI
	Emission Select State	11/19/2014	03/10/2013	1,967 MI	03/10/2028	151,967 MI

[redacted]

Component Ltd Wty					
Powertrain Limited Warranty	11/19/2014	03/10/2013	1,967 MI	03/10/2018	101,967 MI
Special Coverage 14232	11/19/2014	03/10/2013	1,967 MI	03/10/2023	151,967 MI
Bumper to Bumper Limited Warranty	11/19/2014	03/10/2013	1,967 MI	03/10/2016	37,967 MI
Corrosion Limited Warranty	11/19/2014	03/10/2013	1,967 MI	03/10/2019	101,967 MI

Service Contract

Vehicle has no current record of service contracts.

Transaction History

View Details

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
12/21/2016	[redacted]	ZREG----Regular Vehicle Transaction		0600732 - Roadside - OnStar - Over Mileage	140,881 MI
02/14/2013	[redacted]	ZPDI----Pre-Delivery Inspection		Z6998 - PDI - Dealer Installed - Factory Invoiced Options	5 MI
02/03/2013	[redacted]	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

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GM GlobalWarranty

Logout

January 11, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Build

INTERFACE WITH CUSTOMER

View Vehicle Build

This screen allows IVH users to view the initial build information on the selected VIN including option codes with descriptions (where available).

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALBEK9D6[redacted]
Model: 1LF26-2013 EQUINOX LS FWD
Service Contract: No
Branded Title: No
Warranty Block: No
PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Vehicle Build

Model: 1LF26-2013 EQUINOX LS FWD
Gross Vehicle Weight: 2,252

Order Number: QTPH6G
Build Date: 01/30/2013
Build Plant: 6

Option Codes

*IVH is not the definitive source of GM Vehicle RPO information and is intended for service reference only. Should there be any questions about the vehicle's original build or RPO information please refer to the original vehicle invoice or window sticker.

01A - SEAT TRIM JET BLACK
1AB - DR PANEL TRIM JET BLACK
1LS - 1LS PACKAGE
1SZ - OPTION PACKAGE DISCOUNT
4AA - INTERIOR TRIM JET BLACK
AFH - JET BLACK
AL0 - AIRBAG SENSING SYSTEM, PASSENGER
AR9 - SEAT, FRONT BUCKET
AT8 - RR CHILD SEAT RESTRAINT
ATG - REMOTE KEYLESS ENTRY
AXP - MPV VIN IDENT POSITION
AY0 - AIRBAGS, DRIVER & FRONT PASS. FRONT/SIDE IMPACT. AIRBAGS SIDE HEAD CURTAIN
B1A - PLANT CODE INGERSOL, ONT CANADA
B37 - FLOOR MATS FRONT & REAR
C67 - AIR CONDITIONING
D22 - POWER MIRRORS, DUAL
DCP - 6 MTHS ONSTAR DIRECTIONS & CONNECTIONS W/ AUTOMATIC CRASH RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)
EBC - BASE CLOTH
EF7 - COUNTRY UNITED STATES OF AMERICA (USA)
F82 - AXLE, 3.23 FINAL DRIVE RATIO
FBZ - TRIM DOOR VINYL, DARWIN
FE1 - SUSPENSION SYSTEM
FHO - VEHICLE FUEL GASOLINE E10
GBA - BLACK
GZL - 4,960 LBS GVWR
I13 - ENGINEERING MODEL YEAR
JL9 - ANTI-LOCK BRAKE SYSTEM, 4 WHEEL DISC
K09 - ALTERNATOR, 120 AMPS
K34 - CRUISE CONTROL
LEA - ENGINE, 2.4L DOHC 4 CYL W/ VVT
MAH - MARKETING AREA US, PUERTO RICO /USVI
MH7 - TRANSMISSION 6 SPD AUTO, HMD
MX0 - 6 SPD AUTOMATIC TRANSMISSION
N37 - STEERING COLUMN, TILT AND TELESCOPIC
NK5 - STEERING WHEEL
NU6 - EMISSION CODE
QCS - TIRE SPARE
QYZ - TIRES, ALL SEASON BLACKWALL
R9N - PROCESSING CODE - SEAT
ROO - TRACKING CODE
RSB - WHEELS, 17" FORGED PAINTED ALUMINUM
S1G - WHEEL SPARE
SLM - STOCK ORDERS
TB4 - REAR LIFTGATE, MANUAL
U2K - XM RADIO + SERVICE SUBSCRIPTION SOLD SEPARATELY BY SIRIUS XM AFTER 3 MOTHS
U80 - COMPASS DISPLAY
UE1 - 6 MTHS ONSTAR DIRECTIONS AND CONNECTIONS WITH
UJM - TIRE PRESSURE MONITOR

AUTOMATIC DEPLOYMENT RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)

UK3 - STEERING WHEEL CONTROLS	UPF - BLUETOOTH FOR PHONE
UW6 - CUSTOM 6 SPEAKER SYSTEM	UYE - AM/FM STEREO, CD PLAYER
V8D - VEHICLE STATEMENT US	VK3 - FRONT LICENSE PLATE MOUNT
VQG - PROTECTION PACKAGE: ALL WEATHER FLOOR MATS MOLDED SPLASH GUARDS (DEALER INSTALLED)	VQN - NOISE CONTROL ACTIVE INTERIOR
VT7 - OWNERS MANUAL, ENGLISH	VZD - MODEL YEAR IDENTIFIER
YB6 - AXLE	YD5 - SPRING FRONT BASE EQUIPMENT
YD6 - SPRING REAR BASE EQUIPMENT	YF5 - 50-STATE EMISSIONS
YM8 - LPO PROCESSING CODE	

Added Option Codes

~DA -

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Global Warranty

Logout

January 11, 2017

INTERFACE WITH CUSTOMER

View Vehicle Component Summary

This screen allows IVH users to view the information on various major components added to the VIN selected during vehicle build.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALBEK9D6[redacted] Model: 1LF26-2013 EQUINOX LS FWD

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

REQUEST ANOTHER VIN

Vehicle Component

Vehicle has no current record of vehicle component.

Service Agent Installed Component

Vehicle has no current record of vehicle component.

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GM GlobalWarranty

Logout

January 11, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Transaction History Detail

INTERFACE WITH CUSTOMER

View Vehicle Transaction History Detail

This screen allows IVH users to view the available information on individual transaction for the VIN selected.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALBEK9D6[redacted] Model: 1LF26-2013 EQUINOX LS FWD
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Job Card Date: 12/21/2016 **Job Card Number:** [redacted]

Repair Service Agent: 257[redacted]
ALLSTATE - SIGNATURE MOTOR CLUB, IN
200 N MARTINGALE RD
SCHAUMBURG IL 60173-2033

Odometer Reading: 140,881 MI
Authorization Code: AM

Process Date:
12/24/2016

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0090-No Customer Complaint - Other issues

Job Card Line #: 1 Transaction Adjustment: Cause Code: 9094-Other - Follow operation

Labour Op 0600732-Roadside - OnStar - Over Mileage
Causal Part Number
→See other Parts and/or Net Items

Job Card Date: 02/14/2013 **Job Card Number:** [redacted]

Repair Service Agent: 177[redacted]
MOUNTAIN VIEW CHEVROLET, INC.
1079 W FOOTHILL
UPLAND CA 91786-3731
9099852866

Odometer Reading: 5 MI
Authorization Code:

Process Date:
02/14/2013

Transaction Type:
ZPDI----Pre-Delivery Inspection

Transaction Expense Category:
Pre-Delivery Inspection

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op Z6998-PDI - Dealer Installed - Factory Invoiced Options
Causal Part Number

Job Card Date: 02/03/2013 **Job Card Number:** [redacted]

Repair Service Agent: 177[redacted]
MOUNTAIN VIEW CHEVROLET, INC.
1079 W FOOTHILL
UPLAND CA 91786-3731
9099852866

Odometer Reading: 1 MI
Authorization Code:

Process Date:
02/03/2013

Transaction Type:
ZPDI----Pre-Delivery Inspection

Transaction Expense Category:
Pre-Delivery Inspection

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op Z7000-Pre-Delivery Inspection - Base Time

Causal Part Number

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Global Warranty

Logout

January 11, 2017

INTERFACE WITH CUSTOMER

View Vehicle Delivery Information

This screen allows IVH users to view the available information for the selected VIN delivered to the Service Agent and the ultimate customer. Not all sections will be populated for all VINs.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALBEK9D6[redacted] Model: 1LF26-2013 EQUINOX LS FWD
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Invoice Information

Invoicing Service Agent: 177[redacted]
MOUNTAIN VIEW CHEVROLET, INC.
1079 W FOOTHILL
UPLAND CA 91786-3731 9099852866

Invoice Date: 01/30/2013

Ship to Information

Ship to Service Agent: 177[redacted]
MOUNTAIN VIEW CHEVROLET, INC.
1079 W FOOTHILL
UPLAND CA 91786-3731 9099852866

Ship to Date: N/A

Delivery Information

Delivery Service Agent: 177[redacted]
MOUNTAIN VIEW CHEVROLET, INC.
1079 W FOOTHILL
UPLAND CA 91786-3731 9099852866

. Delivery Date: 03/10/2013
Delivery Type: 010---INDIVIDUAL
Delivery Odometer: 1,967

In Service Information

Invoicing Service Agent:

In Service Date: N/A
In Service Type: 0000
In Service Odometer: 0

Registration Information

Registration Service Agent: N/A

Registration Date: N/A
Registration Number: N/A
Registration Odometer: 0

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This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

[redacted]

Service Request Activities – UCC PAR

Service Request Detail

SR No.	[redacted]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CCC - CAC Tier 1
Address	[redacted]			Approval	Not Initiated	Area	Complaint Vehicle - Operable
City	[redacted]	Zip [redacted]	State [redacted]	UCC	Electrical - Power Windshield Washer / Pump	Sub-Area	Escalated to BRC
Last Name	[redacted]	First Name	[redacted]	Involved Dlr		Safety	
Daytime #	[redacted]	Evening #		Source	Phone	Updated	02/08/2017 17:59:00
Serial/VIN #	2GNALFEK1D6 [redacted]	Mileage	49100	Priority	Medium License # CHEVROLET	Owner	LZKCBR
Model	Equinox	Model Year	2013	Status	Open	Opened	Feb 8, 2017 5:38 PM
Make	Chevrolet	Warranty Start	11/14/2012 00:00:00	Sub Status		Closed	
Cust Concern	Insurance Subrogation						
Customer Description							

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Incident Loc	Incident Desc
Component	Damage Desc
Vehicle Loc	Add'l Info
Emergency Svc Names	Maint Loc

PAR Detail

Collision	Non Collision	Property Damage	Thermal Event	Spec Equip

Vehicle Speed	Weather Condition	Prop Owner	Property Type
Last Service Date	Loc Last Service	Property Location	Prop Est Repair Cost
Veh Est Repair Cost	Spec Equip Installer	Prop Damage Description	

Primary Veh Use	Inspection Type	Inspected By	Inspection Date/Time
Veh Damage Description		Explain Other	

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Feb 8, 2017 5:51 PM	LZKCBR	ESISBIQU	Escalation	ESIS - CAC Insurance	In Progress		For ESIS escalation

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments
Best time to call customer? 8am to 5PM central time

•Did anyone seek professional medical attention? No

•Is the vehicle in the owner's possession and where is it currently located? No, veh is totaled,

•Has the vehicle been repaired?:No

•Was insurance claim filed?: Yes

•Description of damage to property, other than vehicle No

•Description of the situation and the customer's allegation Ms.Britney Hamilton calling from allstate insurance claims department, she said one of their customers Ms[redacted] had an accident because of the recall 25302, they already paid her, veh is totaled, she wants to know the contact # for GM subrogation department, she said
- cust was driving windshield got foggy its late at night, she couldn't see the road, so she impacted a ditch

•Accident Location: She doesn't know.

•Date of the incident:Nov 14,2016

•Involved dealer No

•Current Mileage:49100

•Year, Make, Model:2013 chev Equinox

•VIN:2GNALFEK1D6[redacted]

•Email address[redacted]

•Phone numbers[redacted]

•Mailing address:[redacted]

•Include the Date the interaction took place:

Kiel/CAC T1 Redesign/ GM Manila

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Feb 8, 2017 5:51 PM	LZKCBR	TZNGHR	Manager Review	Case Review	Done	02/08/2017 20:56:48	For ESIS

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments
Approved:

Jonathan / CAC / TL / Manila / lvl1

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Feb 8, 2017 5:39 PM	LZKCBR	LZKCBR	Inbound	Complex Request	Done	02/08/2017 17:59:03	Insurance subrogation

Last Name	First Name	Call Third Party Account	BAC Code
[redacted]	[redacted]		

Comments
Reason:
- Ms.Britney Hamilton calling from allstate insurance claims department, she said one of their customers Ms.[redacted] had an accident because of the recall 25302, they already paid her, veh is totaled, she wants to know the contact # for GM subrogation department, she said
- cust was driving windshield got foggy its late at night, she couldn't see the road, so she impacted a ditch

Expectation:
- Provide the SR# and set a callback expectation of 3 business days for a return call.

Kiel/CAC T1 Redesign/ GM Manila

Confidential Comments

UCC Information

UCC Code	Description	Symptom
N52	Electrical - Power Windshield Washer / Pump	No Symptom Indicated

End of Report

Service Request Activities – UCC PAR

Service Request Detail

SR No.	8[redacted]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CCC - CAC Tier 1
Address	[redacted]			Approval	Not Initiated	Area	Complaint Vehicle - Operable
City	[redacted]	Zip	[redacted] State [redacted]	UCC	Electrical - Power Windshield Wiper - Motor / Blades / Arms	Sub-Area	Initial Failure/Repair
Last Name	[redacted]	First Name	[redacted]	Involved Dlr		Safety	
Daytime #	[redacted]	Evening #		Source	Phone	Updated	01/17/2017 11:27:02
Serial/VIN #	2GNALFEK1D6[redacted]	Mileage	49100	Priority	Medium License # CHEVROLET	Owner	BZY1D4
Model	Equinox	Model Year	2013	Status	Closed	Opened	Jan 17, 2017 11:16 AM
Make	Chevrolet	Warranty Start	11/14/2012 00:00:00	Sub Status	Dissatisfied	Closed	Jan 17, 2017 11:27 AM
Cust Concern	Accident due to issue with the windshield / RC25302						
Customer Description							

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Service Request Activities – UCC PAR

Incident Loc		**Incident Desc**	
Component		**Damage Desc**	
Vehicle Loc		**Add'l Info**	
Emergency Svc Names		**Maint Loc**	

PAR Detail

Collision		**Non Collision**		**Property Damage**		**Thermal Event**		**Spec Equip**	
Vehicle Speed				**Weather Condition**				**Prop Owner**	**Property Type**
Last Service Date				**Loc Last Service**				**Property Location**	**Prop Est Repair Cost**
Veh Est Repair Cost				**Spec Equip Installer**				**Prop Damage Description**	

Service Request Activities – UCC PAR

Primary Veh Use		**Inspection Type**		**Inspected By**		**Inspection Date/Time**	
Veh Damage Description				**Explain Other**			

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 17, 2017 11:27 AM	BZY1D4	BZY1D4	SR Closed - Dissatisfied		Done	01/17/2017 11:27:02	Service Request has been Closed Dissatisfied.

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Jan 17, 2017 11:22 AM	BZY1D4	BZY1D4	Inbound Call Customer	Complex Request	Done	01/17/2017 11:26:44	Accident due to issue with the windshield / RC25302

Last Name	First Name	Account	BAC Code
[redacted]	[redacted]		

Comments

Name [redacted]
Add/zip: [redacted]
Phone [redacted]
VIN: 2GNALFEK1D6[redacted]
MYM: 2013 EQUINOX
MILEAGE: 49100

EMAIL: [redacted]
***Bought Used**

***Reason for calling:**
I had an accident in 11/14/2016. I did not know that vehicle had a recall on the windshield. It wasn't raining or anything but it was a foggy windshield, I was very confused, I thought that my sugar went low that caused my confusion but My doctor said it is not caused by my diabetes. Due to a foggy windshield, I ran off the road and hit a ditch and the airbags deployed.Got bruises and some body pains.I filed claim to my insurance and got paid already
Vehicle was all totalled.Insurance told me to call and report it

***Expectation set:**
Advise that since a claim was already filed thru insurance, we can no longer make any claim to GM at this time. We cannot file a double claim. What happens now is that the Insurance will have to call GM and file for subrogation which is still for review. No guarantees.
Gave SR#
Advise to coordinate with her insurance on this matter.

Emma/ CAC Tier 1-Redesign / Manila

Confidential Comments

UCC Information

UCC Code	Description	Symptom
N51	Electrical - Power Windshield Wiper - Motor / Blades / Arms	No Symptom Indicated

End of Report

CARFAX® Vehicle History Report™

US $39.99

An independent company established in 1986

Vehicle Information:
2013 CHEVROLET EQUINOX LTZ
VIN: 2GNALFEK1D6[redacted]
4 DOOR WAGON/SPORT UTILITY
2.4L L4 DIR DOHC 16V
FLEX FUEL
FRONT WHEEL DRIVE
Standard Equipment | Safety Options

CARFAX Report Provided By:
ESIS GM
300 Renaissance Ctr
Detroit, MI 48243
586-212-2141

- **Branded Title: Salvage**
- Airbag deployed
- CARFAX 1-Owner vehicle
- **11** Service history records
- Personal vehicle
- **49,100** Last reported odometer reading



This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 2/10/17 at 1:25:58 PM (EST). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

Ownership History

The number of owners is estimated

	Owner 1
Year purchased	2012
Type of owner	Personal
Estimated length of ownership	2 yrs. 8 mo.
Owned in the following states/provinces	Louisiana
Estimated miles driven per year	14,293/yr
Last reported odometer reading	49,100

Title History

CARFAX guarantees the information in this section

	Owner 1
Salvage | Junk | Rebuilt | Fire | Flood | Hail | Lemon	**Alert!** Problem Found
Not Actual Mileage | Exceeds Mechanical Limits	No Problem

ALERT!

Alert! Severe problems were reported by a state Department of Motor Vehicles (DMV). This vehicle does not qualify for the CARFAX Buyback Guarantee.

Additional History

Not all accidents / issues are reported to CARFAX

	Owner 1
Total Loss Total loss reported on 11/14/2016.	Total Loss Reported

Structural Damage No structural damage reported to CARFAX.	No Issues Reported
Airbag Deployment Airbag deployment reported on 11/14/2016.	Airbag Deployment
Odometer Check No indication of an odometer rol back.	No Issues Indicated
Accident / Damage DMV title problems reported. Accident reported on 11/14/2016.	Severe Damage
Manufacturer Recall No open recalls reported to CARFAX. Check for open recalls on GM vehicles at recalls.gm.com.	No Recalls Reported

CARFAX Detailed History

Glossary

Owner 1

Purchased:	2012
Type:	Personal
Where:	Louisiana
Est. miles/year:	14,293/yr
Est. length owned:	11/14/12 - 8/13/15 (2 yrs. 8 mo.)

Date:	Mileage:	Source:	Comments:
Original Equipment		OnStar	Vehicle equipped with OnStar Get 3 free months of premium OnStar with Automatic Crash Response, Roadside Assistance and Remote Door Unlock by pressing the blue OnStar button Learn more
08/09/2012	10	Brian Harris Chevrolet Baton Rouge, LA 225-273-5372 brianharrischevrolet.com	Vehicle offered for sale
09/10/2012		Brian Harris Chevrolet Baton Rouge, LA 225-273-5372 brianharrischevrolet.com	Pre-delivery inspection completed Washed/detailed
10/02/2012		Brian Harris Chevrolet Baton Rouge, LA 225-273-5372 brianharrischevrolet.com	Vehicle serviced
11/14/2012	150	Brian Harris Chevrolet Baton Rouge, LA 225-273-5372 brianharrischevrolet.com	Vehicle sold
11/14/2012		Louisiana Motor Vehicle Dept.	Vehicle purchase reported Titled or registered as personal vehicle
11/19/2012	381	Louisiana Inspection Station	Passed safety inspection Passed emissions inspection
11/20/2012		Brian Harris Chevrolet Baton Rouge, LA 225-273-5372 brianharrischevrolet.com	Maintenance inspection completed
12/10/2012		Louisiana Motor Vehicle Dept. Baton Rouge, LA	Title issued or updated First owner reported Loan or lien reported
02/22/2013	2,831	Brian Harris Chevrolet Baton Rouge, LA 225-273-5372	Vehicle serviced

		brianharrischevrolet .com	
03/22/2013	3,271	Brian Harris Chevrolet Baton Rouge, LA 225-910-6907 brianharrischevrolet .com	Maintenance inspection completed Electrical system checked Engine checked Engine/powertrain computer/module checked Interior trim checked Oil and filter changed
08/06/2013	10,389	Brian Harris Chevrolet Baton Rouge, LA 225-273-5372 brianharrischevrolet .com	Oil and filter changed Tires rotated
11/07/2013	14,757	Brian Harris Chevrolet Baton Rouge, LA 225-273-5372 brianharrischevrolet .com	Maintenance inspection completed Oil and filter changed
12/02/2013	15,690	Louisiana Inspection Station	Passed safety inspection Passed emissions inspection
06/09/2014		Louisiana Motor Vehicle Dept. Baton Rouge, LA	Title issued or updated
06/24/2014	20,907	Brian Harris Chevrolet Baton Rouge, LA 225-273-5372 brianharrischevrolet .com	Maintenance inspection completed Oil and filter changed Tires rotated
11/20/2014	27,609	Brian Harris Chevrolet Baton Rouge, LA 225-910-6907 brianharrischevrolet .com	Maintenance inspection completed
12/08/2014		Louisiana Motor Vehicle Dept. Baton Rouge, LA	Registration issued or renewed
01/03/2015	32,729	Louisiana Inspection Station	Passed safety inspection Passed emissions inspection
02/05/2015	34,574	Brian Harris Chevrolet Baton Rouge, LA 225-910-6907 brianharrischevrolet .com	Maintenance inspection completed
06/16/2015	38,389	Brian Harris Chevrolet Baton Rouge, LA 225-910-6907 brianharrischevrolet .com	Maintenance inspection completed
08/13/2015	39,238	Dealer Inventory	Vehicle offered for sale
09/26/2015		Louisiana Motor Vehicle Dept.	Vehicle purchase reported
11/05/2015		Louisiana Motor Vehicle Dept. Hammond, LA	Title issued or updated Duplicate title issued Loan or lien reported Vehicle color noted as Black
11/14/2016		Louisiana Damage Report	Accident reported Vehicle ran off road It hit a ditch Minor left front damage reported Minor front end damage reported Minor right front damage reported

			Vehicle towed Airbag deployed CARFAX Airbag Tips
11/14/2016		Damage Report Louisiana	**TOTAL LOSS VEHICLE** Vehicle declared a total loss by an insurance company Non-collision damage reported
			There are many reasons an insurance company will declare a vehicle a total loss. Have this vehicle inspected by a qualified technician before you buy. Learn more
12/13/2016		Louisiana Motor Vehicle Dept. Hammond, LA	Title issued or updated Duplicate title issued Vehicle color noted as Black
12/20/2016		Louisiana Motor Vehicle Dept.	Vehicle purchase reported
12/21/2016	49,100	Louisiana Motor Vehicle Dept. Metairie, LA	Duplicate title issued **SALVAGE TITLE/CERTIFICATE ISSUED** Vehicle color noted as Black

Have Questions? Consumers, please visit our Help Center at www.carfax.com. Dealers or Subscribers, please visit our Help Center at www.carfaxonline.com.

CARFAX Glossary

View Full Glossary

Accident / Damage Indicator
CARFAX receives information about accidents in all 50 states, the District of Columbia and Canada. Different information in a vehicle's history can indicate an accident or damage, such as: salvage auction, fire damage, police-reported accident, crash test vehicle, damage disclosure, collision repair facility and automotive recycler records. Not every accident or damage event is reported and not all reported are provided to CARFAX. Details about the accident or damage event when reported to CARFAX (e.g. severity, impact location, airbag deployment) are included on the Vehicle History Report. CARFAX recommends you obtain a vehicle inspection from your dealer or an independent mechanic.

- According to the National Safety Council, Injury Facts, 2015 edition, 8% of the 254 million registered vehicles in the U.S. were involved in an accident in 2013. Over 74% of these were considered minor or moderate.
- CARFAX depends on many sources for its accident / damage data. CARFAX can only report what is in our database on 2/10/17 at 1:25:58 PM (EST). New data will result in a change to this report.

Louisiana Damage Reports:

- Provide an estimate of the extent of damage in its accident reports for the following:
  - SEVERE/TOTALED: The vehicle cannot be driven from the accident scene due to severe damage or an injury. This level of damage often results in a Salvage or Junk title.
  - MODERATE: The accident damage affects the operation of the vehicle and/or its parts. Examples include broken windows, trunk lids, doors, bumpers and tires.
  - MINOR: The accident damage does not affect the operation of the vehicle. Examples include dented bumpers, fenders, grills and body panels. This level of accident should not compromise vehicle safety.
  - NO DAMAGE: The vehicle was not damaged.
- Are required if the estimated damage exceeds $500

Airbag Deployment
Occurs when the driver, passenger or side airbag has been used or deployed during a crash or other incident. If an airbag has been deployed, it must be replaced by a qualified technician. Have this car inspected by a mechanic prior to purchase. Use CARFAX Airbag Tips to make sure this vehicle's airbag system is functional.

First Owner

When the first owner(s) obtains a title from a Department of Motor Vehicles as proof of ownership.

Ownership History
CARFAX defines an owner as an individual or business that possesses and uses a vehicle. Not all title transactions represent changes in ownership. To provide estimated number of owners, CARFAX proprietary technology analyzes all the events in a vehicle history. Estimated ownership is available for vehicles manufactured after 1991 and titled solely in the US including Puerto Rico. Dealers sometimes opt to take ownership of a vehicle and are required to in the following states: Maine, Massachusetts, New Jersey, Ohio, Oklahoma, Pennsylvania and South Dakota. Please consider this as you review a vehicle's estimated ownership history.

Salvage Title
A Salvage Title is issued on a vehicle damaged to the extent that the cost of repairing the vehicle exceeds approximately 75% of its pre-damage value. This damage threshold may vary by state. Some states treat Junk titles the same as Salvage but the majority use this title to indicate that a vehicle is not road worthy and cannot be titled again in that state. The following eleven states also use Salvage titles to identify stolen vehicles - AZ, FL, GA, IL, MD, MN, NJ, NM, NY, OK and OR.

Title Issued
A state issues a title to provide a vehicle owner with proof of ownership. Each title has a unique number. Each title or registration record on a CARFAX report does not necessarily indicate a change in ownership. In Canada, a registration and bill of sale are used as proof of ownership.

Total Loss Vehicle
An insurance or fleet company declares a vehicle a total loss when a claim exceeds approximately 75% of its pre-damage value or if the vehicle is stolen and not recovered. This damage threshold varies by company. These companies typically take possession and obtain the title. Not all total loss vehicles result in a DMV-reported branded title. This may occur when an insurance company's definition of a total loss is different than the state DMV's definition for a branded title or when the owner of the vehicle is a self-insured company, like a fleet or rental company.

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Covered by United States Patent Nos. 7,113,853; 7,778,841; 7,596,512, 8,600,823; 8,595,079; 8,606,648; 7,505,838.
2/10/17 1:25:58 PM (EST)

ESIS®

[redacted]

[redacted]

Lisa Rozelle
Claims Administrator

April 27, 2017

Allstate
Attn [redacted]
[redacted]
[redacted]

RE: Claimant: [redacted]
Our File No.: [redacted]
Our Client: General Motors LLC
Date/Event: 11/14/2016
Subject vehicle: 2013 Chevrolet Equinox
VIN: 2GNALFEK1D6[redacted]

Dear [redacted]

This will have reference to the above product liability claim that you filed with General Motors LLC (GM).

Your correspondence alleges that you sustained injuries or property damage as a result of a manufacturer's product defect. I have attempted to reach you by telephone, but have been unsuccessful. Correspondence that was sent to you on March 1, 2017 requesting that you contact our office so that we may discuss your claim. You can contact our office at (800) 888-0164, Monday through Friday, 8:00 AM to 4:30 PM, EST. You can also e-mail me directly at: lisa.rozelle@gm.com

If I do not hear from you within thirty (30) days from the date of this letter, we will be unable to take further action in this matter and I will have to close our file. Finally, if it is your intention to pursue this matter further, you will be responsible for preserving the subject vehicle and/or defective component in their immediate post loss condition.

Thank you for your time and attention in this regard.

Sincerely,

[redacted]

Lisa Rozelle
Claims Administrator

[redacted]

ESIS®

Lisa Rozelle
Claims Administrator
lisa rozelle@gm.com

February 23, 2017

Allstate
Attn [redacted]
[redacted]
[redacted]

RE: Claimant: [redacted]
Our File No.: [redacted]
Our Client: General Motors LLC
Date/Event: 11/14/2016
Vehicle: 2013 Chevrolet Equinox
VIN: 2GNALFEK1D6[redacted]

Dear :

ESIS provides administrative claims handling services to General Motors LLC (GM) in connection with product liability claims against GM. They have referred your claim to our office for further handling. Please address all future correspondence to my attention.

ESIS is undertaking an investigation of your claim on behalf of GM. Conducting this investigation and responding to your claim is not a waiver of any defense that GM may have to your claim. GM expressly reserves its right to assert any defense. In undertaking to investigate your claim, ESIS and GM make no promise, representation, or statement that either will make any payment of your claim and ESIS and GM expressly reserve the right, in their discretion, to deny your claim and make no payment.

To assist us in the investigation of your claim, we request that you provide us with the following information:

1. Documentation to substantiate the amount of damages to your vehicle;
2. Original photographs (or color copies) taken by you, or someone on your behalf, of the vehicle that is the basis of your claim;
3. Copy of the accident report;
4. Current location of the vehicle.
5. A copy of the vehicle operator's statement of events. This should include events prior to and immediately following the incident.
6. Provide copies of all available maintenance, warranty, or repair orders on the subject vehicle.
7. Advise as to any after-market equipment that may have been installed on the subject vehicle. If applicable, provide copies of receipts and/or invoices for installation of said equipment.
8. Advise of any injuries.
9. Advise if there is any property damage other than the subject vehicle.
10. Advise the mileage for the subject vehicle.

Once we have completed our investigation, a review of your claim will be conducted.

Please be advised that you have an obligation and responsibility to ensure that the subject vehicle and its related components are maintained and preserved in their immediate post-incident condition for as long as you intend to pursue a claim and/or cause of action.

Should you have any questions regarding this letter or your claim, please feel free to contact me directly at 1.800.888.0164, Monday through Friday, 8:00 a.m. to 4:30 p.m., EST.

Sincerely,

[redacted]

Lisa Rozelle
Claims Administrator

Warranty

Logout

February 9, 2017

Global Warranty Management > Main > Interface With Customer > View Vehicle Summary

View Vehicle Summary

This screen allows IVH users to view the Summary of Vehicle Information, Field Actions, Service Information, Applicable Warranties, Transaction History, Service Contract(s) if applicable, Warranty Block, Branded Title information and OnStar and XM Radio information (if applicable).

For this vehicle:
- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALFEK1D61[redacted] Model: 1LJ26-2013 EQUINOX LTZ FWD

Service Contract: No Branded Title: Yes Warranty Block: Yes PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

REQUEST ANOTHER VIN

Required Field Actions

Open Field Action Details are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	[redacted]	[redacted]	Windshield Wipers	08/16/2016	Incomplete. Remedy not available
Customer Satisfaction Program	N120187	12187	AUTOMATIC CRASH RESPONSE SYSTEM - REPROGRAM SDM	09/10/2012	Closed

Branded Title

*The VIN information contained herein and information derived therefrom is the proprietary property of The Polk Company and is to be used only for the purpose of warranty verification and shall not be used for any other purpose whatsoever.

Brand Description: SALVAGED Date Branded: 12/01/2016

Title Number: Reporting Source Code:

Reported By: LA Effective Date: 01/06/2017

Warranty Block

Code	Description	Effective Date
BT	BRANDED TITLE	01/06/2017

Block Transaction Types:
ZPDI
ZPTI
ZREG
ZSCT

Blocked Labour Ops:

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

Refer to Help page for details. For OnStar contact 888.ON.STAR1 (888.667.8271) and for XM Radio contact 877.GET.XMST (877.438.9677 Canada) and in the USA:800-556-3600.

OnStar Equipped: Y OnStar Status: Active

XM Equipped: Y XM Radio ID: XE4KL2CC XM Status: Active

OnStar Vehicle Diagnostics: Y DMN Enabled: N

[redacted]

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	Bumper to Bumper Limited Warranty	01/07/2017	11/14/2012	149 MI	11/14/2015	36,149 MI
	Emission Select Component Ltd Wty	01/07/2017	11/14/2012	149 MI	11/14/2020	80,149 MI
	Corrosion Limited Warranty	01/07/2017	11/14/2012	149 MI	11/14/2018	100,149 MI
	Powertrain Limited Warranty	01/07/2017	11/14/2012	149 MI	11/14/2017	100,149 MI
	Special Coverage 14232	01/07/2017	11/14/2012	149 MI	11/14/2022	150,149 MI

Service Contract

Vehicle has no current record of service contracts.

Transaction History

View Details

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
03/11/2013	[redacted]	ZREG----Regular Vehicle Transaction		E0716 - Diagnostic System Check - Tire Pressure Monitoring	3,272 MI
03/11/2013	[redacted]	ZREG----Regular Vehicle Transaction		D9995 - Customer Concern Not Duplicated	3,272 MI
09/25/2012	[redacted]	ZFAT----Field Action Recall		V2646 - 12187 - Reprogram SDM	10 MI
08/13/2012	[redacted]	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

Global Warranty Management: Site Map

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Warranty

Logout

February 9, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Build

INTERFACE WITH CUSTOMER

View Vehicle Build

This screen allows IVH users to view the initial build information on the selected VIN including option codes with descriptions (where available).

For this vehicle:
- → View Vehicle Summary
- → Service Contract
- → Branded Title
- → Warranty Block
- → View Vehicle Build
- → View Vehicle Component Summary
- → View Vehicle Transaction History Detail
- → View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALFEK1D6[redacted] Model: 1LJ26-2013 EQUINOX LTZ FWD

Service Contract: No Branded Title: Yes Warranty Block: Yes PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

REQUEST ANOTHER VIN

Vehicle Build

Model: 1LJ26-2013 EQUINOX LTZ FWD

Gross Vehicle Weight: 2,252

Order Number: QKNJQF

Build Date: 08/09/2012

Build Plant: 6

Option Codes

*IVH is not the definitive source of GM Vehicle RPO information and is intended for service reference only. Should there be any questions about the vehicle's original build or RPO information please refer to the original vehicle invoice or window sticker.

01C - SEAT TRIM LT TITANIUM	1AD - DR PANEL TRIM LT TITANIUM
1LZ - 1LZ PACKAGE	1SZ - OPTION PACKAGE DISCOUNT
4AP - INTERIOR TRIM JET BLACK/ BROWNSTONE	AE8 - PWR SEAT ADJUST-DRIVER, 8-WAY
AFM - LIGHT TITANIUM/DARK BLACK	AH8 - POWER PASSENGER SEATS
AKO - GLASS, DEEP TINTED (EXCEPT WINDSHIELD, DRIVER/PASS SIDE GLASS)	AL0 - AIRBAG SENSING SYSTEM, PASSENGER
AP9 - CONVENIENCE NET, TRUNK	AR9 - SEAT, FRONT BUCKET
AT8 - RR CHILD SEAT RESTRAINT	ATG - REMOTE KEYLESS ENTRY
AXP - MPV VIN IDENT POSITION	AY0 - AIRBAGS, DRIVER & FRONT PASS. FRONT/SIDE IMPACT. AIRBAGS SIDE HEAD CURTAIN
B1A - PLANT CODE INGERSOL, ONT CANADA	B37 - FLOOR MATS FRONT & REAR
BTV - REMOTE VEHICLE STARTER SYSTEM	C68 - AIR CONDITIONING AUTOMATIC CLIMATE CONTROL
CF5 - SUNROOF, POWER TILT, SLIDE	D42 - CARGO COVER, REAR SECURITY
DCP - 6 MTHS ONSTAR DIRECTIONS & CONNECTIONS W/ AUTOMATIC CRASH RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)	DD8 - INSIDE REARVIEW MIRROR, AUTO-DIMMING
DL9 - POWER OUTSIDE HEATED MIRRORS	EAL - LEATHER APPOINTED SEATING PERFORATED
EF7 - COUNTRY UNITED STATES OF AMERICA (USA)	F82 - AXLE, 3.23 FINAL DRIVE RATIO
FBZ - TRIM DOOR VINYL, DARWIN	FE1 - SUSPENSION SYSTEM
FE9 - 50-STATE EMISSIONS	FHO - VEHICLE FUEL GASOLINE E10
GXG - TUNGSTEN METALLIC	GZL - 4,960 LBS GVWR
I13 - ENGINEERING MODEL YEAR	JL9 - ANTI-LOCK BRAKE SYSTEM, 4 WHEEL DISC
K09 - ALTERNATOR, 120 AMPS	K34 - CRUISE CONTROL
KA1 - DRIVER & FRONT PASSENGER HEATED SEATS	LEA - ENGINE, 2.4L DOHC 4 CYL W/ VVT
MAH - MARKETING AREA US, PUERTO RICO /USVI	MH7 - TRANSMISSION 6 SPD AUTO, HMD
MX0 - 6 SPD AUTOMATIC TRANSMISSION	N37 - STEERING COLUMN, TILT AND TELESCOPIC
NP5 - LEATHER WRAP STEERING WHEEL	NT7 - FEDERAL EMISSION SYSTEM TIER 2
PCW - SAFETY PACKAGE INCLUDES: * FORWARD COLLISION ALERT * LANE	QCS - TIRE SPARE

[redacted]

DEPARTURE WARNING AND REAR PARK ASSIST	
QNT - TIRES, P235/55R 18 ALL SEASON	R13 - CHROME APPEARANCE PACKAGE INCL: *CHROME DOOR HANDLES AND BRIGHT FASCIA LOWERS *POWER OUTSIDE MIRRORS, CHROME, HEATED *LUGGAGE RACK SIDE RAILS WITH CHROME INSERTS *ULTRASONIC REAR PARKING ASSIST
R7E - CHARGE FOR FRONT LICENSE PLATE	R7N - TRACKING CODE
R9N - PROCESSING CODE - SEAT	ROO - TRACKING CODE
RSX - WHEELS, 18" CHROME CLAD ALUMINUM	S1G - WHEEL SPARE
SLM - STOCK ORDERS	T96 - FOG LAMPS, FRONT
TB5 - REAR LIFTGATE, POWER	U2K - XM RADIO + SERVICE SUBSCRIPTION SOLD SEPARATELY BY SIRIUS XM AFTER 3 MOTHS
U80 - COMPASS DISPLAY	UD7 - REAR PARK ASSIST
UE1 - 6 MTHS ONSTAR DIRECTIONS AND CONNECTIONS WITH AUTOMATIC DEPLOYMENT RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)	UEU - FORWARD COLLISION ALERT AND LANE DEPARTURE WARNING
UFL - LANE DEPARTURE WARNING	UG1 - UNIVERSAL HOME REMOTE
UHQ - MYLINK RADIO WITH NAVIGATION CHEVROLET MYLINK	UJM - TIRE PRESSURE MONITOR
UK3 - STEERING WHEEL CONTROLS	UP9 - * CHEVROLET MYLINK, HANDS-FREE SMARTPHONE INTEGRATION WITH PANDORA AND STITCHER, BLUETOOTH AUDIO STREAMING * VOICE-ACTIVIATED TECHNOLOGY
UVC - REAR VISION CAMERA SYSTEM	UZ8 - PREMIUM 8 SPEAKER SYSTEM WITH AMPLIFICATION AND EQUALIZATION
V1K - LUGGAGE RACK CENTRAL RAILS	V59 - LUGGAGE RACK SIDE RAILS ROOF MOUNTED
V8D - VEHICLE STATEMENT US	VFF - VIDEO FORMAT REGION 1, NTSC
VK3 - FRONT LICENSE PLATE MOUNT	VQN - NOISE CONTROL ACTIVE INTERIOR
VT7 - OWNERS MANUAL, ENGLISH	VZ3 - LABEL, MERCURY DISPOSAL
VZD - MODEL YEAR IDENTIFIER	YB6 - AXLE
YD5 - SPRING FRONT BASE EQUIPMENT	YD6 - SPRING REAR BASE EQUIPMENT

Added Option Codes

~DA -

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[redacted]

Warranty

Logout

February 9, 2017

Global Warranty Management: Main > Interface With Customer > View Vehicle Component Summary

INTERFACE WITH CUSTOMER

View Vehicle Component Summary

This screen allows IVH users to view the information on various major components added to the VIN selected during vehicle build.

For this vehicle:
- View Vehicle Summary
  - Service Contract
  - Branded Title
  - Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALFEK1D6[redacted]
Model: 1LJ26-2013 EQUINOX LTZ FWD
Service Contract: No
Branded Title: Yes
Warranty Block: Yes
PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

Vehicle Component

Vehicle has no current record of vehicle component.

Service Agent Installed Component

Vehicle has no current record of vehicle component.

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[redacted]

Warranty

Logout

View Vehicle Transaction History Detail

This screen allows IVH users to view the available information on individual transaction for the VIN selected.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALFEK1D6[redacted] Model: 1LJ26-2013 EQUINOX LTZ FWD
Service Contract: No Branded Title: Yes Warranty Block: Yes PDI Status: Yes
Order Type: 70 - RETAIL - STOCK
Field Actions: 1 Open

REQUEST ANOTHER VIN

Job Card Date: 03/11/2013 **Job Card Number: [redacted]**

Repair Service Agent: 114[redacted]
BRIAN HARRIS CHEVROLET
15015 FLORIDA BLVD
BATON ROUGE LA 70819-2699
2252726500

Odometer Reading: 3,272 MI
Authorization Code:

Process Date:
03/22/2013
Transaction Type:
ZREG----Regular Vehicle Transaction
Transaction Expense Category:
Warranty
Customer Complaint Code:
0352-Tires/Wheels - Tire Pressure
Job Card Line #: 2 Transaction Adjustment: Cause Code: 6011-Module/Component - Alignment/Adjustment
Labour Op E0716-Diagnostic System Check - Tire Pressure Monitoring
Causal Part Number

Job Card Date: 03/11/2013 **Job Card Number: [redacted]**

Repair Service Agent: 114[redacted]
BRIAN HARRIS CHEVROLET
15015 FLORIDA BLVD
BATON ROUGE LA 70819-2699
2252726500

Odometer Reading: 3,272 MI
Authorization Code:

Process Date:
03/22/2013
Transaction Type:
ZREG----Regular Vehicle Transaction
Transaction Expense Category:
Warranty
Customer Complaint Code:
0824-Interior - Water leaks
Job Card Line #: 1 Transaction Adjustment: Cause Code: 6061-Module/Component - Leaks
Labour Op D9995-Customer Concern Not Duplicated
Causal Part Number
—See other Parts and/or Net Items

[redacted]

Job Card Date: 09/25/2012 **Job Card Number:** [redacted]

Repair Service Agent: 114[redacted]
BRIAN HARRIS CHEVROLET
15015 FLORIDA BLVD
BATON ROUGE LA 70819-2699
2252726500

Odometer Reading: 10 MI
Authorization Code:

Process Date:
10/02/2012
Transaction Type:
ZFAT----Field Action Recall
Transaction Expense Category:
Field Action Recall
Customer Complaint Code:
-
Job Card Line #: 1 Transaction Adjustment: Cause Code: -
Labour Op V2646-12187 - Reprogram SDM
Causal Part Number

Job Card Date: 08/13/2012 **Job Card Number:** [redacted]

Repair Service Agent: 114[redacted]
BRIAN HARRIS CHEVROLET
15015 FLORIDA BLVD
BATON ROUGE LA 70819-2699
2252726500

Odometer Reading: 1 MI
Authorization Code:

Process Date:
08/13/2012
Transaction Type:
ZPDI----Pre-Delivery Inspection
Transaction Expense Category:
Pre-Delivery Inspection
Customer Complaint Code:
-
Job Card Line #: 1 Transaction Adjustment: Cause Code: -
Labour Op Z7000-Pre-Delivery Inspection - Base Time
Causal Part Number

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[redacted]

Logout

Warranty

February 9, 2017

INTERFACE WITH CUSTOMER

View Vehicle Delivery Information

This screen allows IVH users to view the available information for the selected VIN delivered to the Service Agent and the ultimate customer. Not all sections will be populated for all VINs.

For this vehicle:
- View Vehicle Summary
- Service Contract
- Branded Title
- Warranty Block
- View Vehicle Build
- View Vehicle Component Summary
- View Vehicle Transaction History Detail
- View Vehicle Delivery Information

Vehicle Information

VIN: 2GNALFEK1D6[redacted] Model: 1LJ26-2013 EQUINOX LTZ FWD

Service Contract: No Branded Title: Yes Warranty Block: Yes PDI Status: Yes

Order Type: 70 - RETAIL - STOCK

Field Actions: 1 Open

Invoice Information

Invoicing Service Agent: 114[redacted]
BRIAN HARRIS CHEVROLET
15015 FLORIDA BLVD
BATON ROUGE LA 70819-2699 2252726500

Invoice Date: 08/09/2012

Ship to Information

Ship to Service Agent: 114[redacted]
BRIAN HARRIS CHEVROLET
15015 FLORIDA BLVD
BATON ROUGE LA 70819-2699 2252726500

Ship to Date: N/A

Delivery Information

Delivery Service Agent: 114[redacted]
BRIAN HARRIS CHEVROLET
15015 FLORIDA BLVD
BATON ROUGE LA 70819-2699 2252726500

. Delivery Date: 11/14/2012
Delivery Type: 010---INDIVIDUAL
Delivery Odometer: 149

In Service Information

Invoicing Service Agent:

In Service Date: N/A
In Service Type: 0000
In Service Odometer: 0

Registration Information

Registration Service Agent: N/A

Registration Date: N/A
Registration Number: N/A
Registration Odometer: 0

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This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

CDR File Information

User Entered VIN	2GKFLWE33D6[redacted]
User	[redacted]
Case Number	
EDR Data Imaging Date	10/03/2017
Crash Date	12/31/2016
Filename	2GKFLWE33D6[redacted] ACM.CDRX
Saved on	Tuesday, October 3 2017 at 16:47:09
Imaged with CDR version	Crash Data Retrieval Tool 17.4.1
Imaged with Software Licensed to (Company Name)	ESIS GM - CA
Reported with CDR version	Crash Data Retrieval Tool 17.4.1
Reported with Software Licensed to (Company Name)	ESIS GM - CA
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment, Deployment, Deployment

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

-Pretensioner(s) only Deployment
-Head Rest Deployment
-Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM. Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events.
The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment and Non-Deployment Events, the SDM will record up to 300 milliseconds of data after time zero. The SDM will also record up to 300 milliseconds of Vehicle Acceleration data after time zero.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.
-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:

-Significant changes in the tire's rolling radius
-Final drive axle ratio changes
-Wheel lockup and wheel slip

-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
-The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
-No data is received from the module sending the pre-crash data
-For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
-The GM parameter name is displayed in parentheses after the NHTSA Part 563 parameter name.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:
All SDM recorded data is measured, calculated, and stored internally, except for the following:
-Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01042_SDM10P-autoliv_r017

Event Data General (part one)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DPID $32 Bytes 2-3	$1835	Ignition Cycle, Download (Ignition Cycles at Investigation)	6197	counts
DID $01 Bytes 0-1	$4155	ESS # 1 Traceability Data, Component Identifier	AU	
DID $01 Bytes 2-5	$32353737	ESS # 1 Traceability Data, Part Number/Broadcast Code	2577	
DID $01 Byte 6	$45	ESS # 1 Traceability Data, Supplier Code	E	
DID $01 Bytes 7-15	$3031373630373 84646	ESS # 1 Traceability Data, Traceability Number	0176078FF	
DID $03 Bytes 0-1	$4154	ESS # 2 Traceability Data, Component Identifier	AT	
DID $03 Bytes 2-5	$32353737	ESS # 2 Traceability Data, Part Number/Broadcast Code	2577	
DID $03 Byte 6	$45	ESS # 2 Traceability Data, Supplier Code	E	
DID $03 Bytes 7-15	$3031373635343 03734	ESS # 2 Traceability Data, Traceability Number	017654074	
DID $05 Bytes 0-1	$4148	ESS # 3 Traceability Data, Component Identifier	AH	
DID $05 Bytes 2-5	$32353737	ESS # 3 Traceability Data, Part Number/Broadcast Code	2577	
DID $05 Byte 6	$45	ESS # 3 Traceability Data, Supplier Code	E	
DID $05 Bytes 7-15	$3031373635303 24334	ESS # 3 Traceability Data, Traceability Number	0176502C4	
DID $07 Bytes 0-1	$414A	ESS # 4 Traceability Data, Component Identifier	AJ	
DID $07 Bytes 2-5	$32353737	ESS # 4 Traceability Data, Part Number/Broadcast Code	2577	
DID $07 Byte 6	$45	ESS # 4 Traceability Data, Supplier Code	E	
DID $07 Bytes 7-15	$3031373732313 93741	ESS # 4 Traceability Data, Traceability Number	01772197A	
DID $09 Bytes 0-1	$4441	ESS # 5 Traceability Data, Component Identifier	DA	
DID $09 Bytes 2-5	$34393336	ESS # 5 Traceability Data, Part Number/Broadcast Code	4936	
DID $09 Byte 6	$45	ESS # 5 Traceability Data, Supplier Code	E	
DID $09 Bytes 7-15	$3031373730434 34231	ESS # 5 Traceability Data, Traceability Number	01770CCB1	
DID $0B Bytes 0-1	$4442	ESS # 6 Traceability Data, Component Identifier	DB	
DID $0B Bytes 2-5	$34393336	ESS # 6 Traceability Data, Part Number/Broadcast Code	4936	
DID $0B Byte 6	$45	ESS # 6 Traceability Data, Supplier Code	E	
DID $0B Bytes 7-15	$3031373642343 73745	ESS #6 Traceability Data, Traceability Number	0176B477E	
DID $0D Bytes 0-1	$3030	ESS # 7 Traceability Data, Component Identifier	00	
DID $0D Bytes 2-5	$30303030	ESS # 7 Traceability Data, Part Number/Broadcast Code	0000	
DID $0D Byte 6	$45	ESS # 7 Traceability Data, Supplier Code	E	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $0D Bytes 7-15	$3030303030303030	ESS # 7 Traceability Data, Traceability Number	000000000	
DID $0F Bytes 0-1	$3030	ESS # 8 Traceability Data, Component Identifier	00	
DID $0F Bytes 2-5	$30303030	ESS # 8 Traceability Data, Part Number/Broadcast Code	0000	
DID $0F Byte 6	$45	ESS # 8 Traceability Data, Supplier Code	E	
DID $0F Bytes 7-15	$3030303030303030	ESS # 8 Traceability Data, Traceability Number	000000000	
DID $30 Byte 0	$02	Dynamic Deployment Event Counter	2	counts
DID $30 Bytes 1-2	$0003	Multi-Event, Number of Events (Dynamic Event Counter)	3	counts
DID $30 Byte 3	$02	Dynamic OnStar Notification Event Counter	2	counts

Event Record #1 Data

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 0	$A5	Complete File Recorded (Event Recording Complete)	Yes	
DID $31 Byte 1, bit 7	$00	Event Record Type	Non-Deployment	
DID $31 Byte 1, bit 6	$00	Crash Record Locked	No	
DID $31 Byte 1, bit 5	$00	OnStar Deployment Status Data Sent	No	
DID $31 Byte 1, bit 4	$00	OnStar SDM Recorded Vehicle Velocity Change Data Sent	No	
DID $31 Byte 2	$00	Deployment Event Counter	0	counts
DID $31 Bytes 3-4	$0001	Multi-Event, Number of Events (Event Counter)	1	counts
DID $31 Byte 5	$00	OnStar Notification Event Counter	0	counts
DID $31 Byte 6, bit 3	$07	Algorithm Active: Rear	No	
DID $31 Byte 6, bit 2	$07	Algorithm Active: Rollover	Yes	
DID $31 Byte 6, bit 1	$07	Algorithm Active: Side	Yes	
DID $31 Byte 6, bit 0	$07	Algorithm Active: Frontal	Yes	
DID $31 Bytes 7-8	$182A	Ignition Cycle, Crash (Ignition Cycles at Event)	6186	counts
DID $31 Bytes 9-10	$FFFF	Time From Event 1 to 2 (Time Between Events)	Data Not Available	seconds
DID $31 Byte 11 bit 0	$00	Concurrent Event Flag Set	No	
DID $31 Byte 14, bit 7	$00	Event Severity Status: Rollover	No	
DID $31 Byte 14, bit 6	$00	Event Severity Status: Rear	No	
DID $31 Byte 14, bit 5	$00	Event Severity Status: Right Side	No	
DID $31 Byte 14, bit 4	$00	Event Severity Status: Left Side	No	
DID $31 Byte 14, bit 3	$00	Event Severity Status: Frontal Stage 2	No	
DID $31 Byte 14, bit 2	$00	Event Severity Status: Frontal Stage 1	No	
DID $31 Byte 14, bit 1	$00	Event Severity Status: Frontal Pretensioner	No	
DID $31 Byte 15 bit 7	$00	Driver 1st Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 6	$00	Passenger 1st Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 5	$00	Driver 2nd Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 3	$00	Passenger 2nd Stage Deployment Loop Commanded	No	
DID $31 Byte 15 bit 1	$00	Driver Pretensioner Deployment Loop #1 Commanded	No	
DID $31 Byte 15 bit 0	$00	Passenger Pretensioner Deployment Loop #1 Commanded	No	
DID $31 Byte 16 bit 7	$00	Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	No	
DID $31 Byte 16 bit 6	$00	Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	No	
DID $31 Byte 16 bit 5	$00	Driver Thorax Loop Commanded (If Equipped)	No	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 16 bit 4	$00	Passenger Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 3	$00	Left Row 2 Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 2	$00	Right Row 2 Thorax Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 1	$00	Left Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 16 bit 0	$00	Right Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 7	$00	Left Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 6	$00	Right Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 5	$00	Left Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 4	$00	Right Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 3	$00	Driver Knee Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 2	$00	Passenger Knee Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 1	$00	Left Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 17 bit 0	$00	Right Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 7	$00	Center Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 6	$00	Battery Cutoff Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 5	$00	Driver Roll Bar Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 4	$00	Passenger Roll Bar Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 3	$00	Steering Column Energy Absorbing Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 2	$00	Driver Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 1	$00	Passenger Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 18 bit 0	$00	Left Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 7	$00	Right Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 6	$00	Center Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $31 Byte 19 bit 5	$00	High Voltage Battery Cutoff Commanded (If Equipped)	No	
DID $31 Byte 20 bits 7-6	$5C	Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled	
DID $31 Byte 20 bits 5-4	$5C	Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Buckled	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 20 bits 3-2	$5C	Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 7-6	$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 5-4	$FC	Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 21 bits 3-2	$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 7-6	$FC	Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 5-4	$FC	Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 22 bits 3-2	$FC	Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $31 Byte 23 bits 7-6	$F0	Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	Data Not Available	
DID $31 Byte 23 bits 5-4	$F0	Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	Data Not Available	
DID $31 Byte 24 bits 7-5	$20	Passenger Seat Occupancy Status	Occupied	
DID $31 Byte 25 bits 7-4	$60	Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Small Adult)	
DID $31 Byte 26 bits 7-6	$C0	Frontal air bag suppression switch status (Passenger SIR Suppression Switch Circuit Status)	Data Not Available	
DID $31 Byte 27 bits 7-6	$40	Passenger Air Bag ON Indicator Status	On	
DID $31 Byte 27 bits 5-4	$40	Passenger Air Bag OFF Indicator Status	Off	
DID $31 Byte 28	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-0.5 sec)	0	%
DID $31 Byte 29	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.0 sec)	0	%
DID $31 Byte 30	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.5 sec)	0	%
DID $31 Byte 31	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.0 sec)	0	%
DID $31 Byte 32	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.5 sec)	0	%
DID $31 Byte 33	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.0 sec)	0	%
DID $31 Byte 34	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.5 sec)	0	%
DID $31 Byte 35	$0A	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.0 sec)	10	%
DID $31 Byte 36	$0B	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.5 sec)	11	%
DID $31 Byte 37	$0B	Accelerator Pedal, % Full (Accelerator Pedal Position) (-5.0 sec)	11	%
DID $31 Byte 38 bits 7-6	$55	Service Brake (Brake Switch Circuit State) (-0.5 sec)	On	
DID $31 Byte 38 bits 5-4	$55	Service Brake (Brake Switch Circuit State) (-1.0 sec)	On	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 38 bits 3-2	$55	Service Brake (Brake Switch Circuit State) (-1.5 sec)	On	
DID $31 Byte 38 bits 1-0	$55	Service Brake (Brake Switch Circuit State) (-2.0 sec)	On	
DID $31 Byte 39 bits 7-6	$50	Service Brake (Brake Switch Circuit State) (-2.5 sec)	On	
DID $31 Byte 39 bits 5-4	$50	Service Brake (Brake Switch Circuit State) (-3.0 sec)	On	
DID $31 Byte 39 bits 3-2	$50	Service Brake (Brake Switch Circuit State) (-3.5 sec)	Off	
DID $31 Byte 39 bits 1-0	$50	Service Brake (Brake Switch Circuit State) (-4.0 sec)	Off	
DID $31 Byte 40 bits 7-6	$00	Service Brake (Brake Switch Circuit State) (-4.5 sec)	Off	
DID $31 Byte 40 bits 5-4	$00	Service Brake (Brake Switch Circuit State) (-5.0 sec)	Off	
DID $31 Byte 41 bits 7-6	$00	Cruise Control Resume Switch Active (-0.5 sec)	No	
DID $31 Byte 41 bits 5-4	$00	Cruise Control Resume Switch Active (-1.0 sec)	No	
DID $31 Byte 41 bits 3-2	$00	Cruise Control Resume Switch Active (-1.5 sec)	No	
DID $31 Byte 41 bits 1-0	$00	Cruise Control Resume Switch Active (-2.0 sec)	No	
DID $31 Byte 42 bits 7-6	$00	Cruise Control Active (-0.5 sec)	No	
DID $31 Byte 42 bits 5-4	$00	Cruise Control Active (-1.0 sec)	No	
DID $31 Byte 42 bits 3-2	$00	Cruise Control Active (-1.5 sec)	No	
DID $31 Byte 42 bits 1-0	$00	Cruise Control Active (-2.0 sec)	No	
DID $31 Byte 43 bits 7-6	$00	Cruise Control Set Switch Active (-0.5 sec)	No	
DID $31 Byte 43 bits 5-4	$00	Cruise Control Set Switch Active (-1.0 sec)	No	
DID $31 Byte 43 bits 3-2	$00	Cruise Control Set Switch Active (-1.5 sec)	No	
DID $31 Byte 43 bits 1-0	$00	Cruise Control Set Switch Active (-2.0 sec)	No	
DID $31 Byte 44 bits 7-6	$00	Reduced Engine Power Mode indicator (-0.5 sec)	Off	
DID $31 Byte 44 bits 5-4	$00	Reduced Engine Power Mode indicator (-1.0 sec)	Off	
DID $31 Byte 44 bits 3-2	$00	Reduced Engine Power Mode indicator (-1.5 sec)	Off	
DID $31 Byte 44 bits 1-0	$00	Reduced Engine Power Mode indicator (-2.0 sec)	Off	
DID $31 Byte 45	$16	Engine RPM (Engine Speed) (-0.5 sec)	1408	RPM
DID $31 Byte 46	$15	Engine RPM (Engine Speed) (-1.0 sec)	1344	RPM
DID $31 Byte 47	$11	Engine RPM (Engine Speed) (-1.5 sec)	1088	RPM
DID $31 Byte 48	$0F	Engine RPM (Engine Speed)(-2.0 sec)	960	RPM
DID $31 Byte 49	$0C	Engine RPM (Engine Speed) (-2.5 sec)	768	RPM
DID $31 Byte 50	$0E	Engine RPM (Engine Speed) (-3.0 sec)	896	RPM
DID $31 Byte 51	$1C	Engine RPM (Engine Speed) (-3.5 sec)	1792	RPM
DID $31 Byte 52	$1B	Engine RPM (Engine Speed) (-4.0 sec)	1728	RPM
DID $31 Byte 53	$1B	Engine RPM (Engine Speed)(-4.5 sec)	1728	RPM
DID $31 Byte 54	$1C	Engine RPM (Engine Speed) (-5.0 sec)	1792	RPM

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Bytes 55,56 (12 bits)	$06C6	Engine Torque (-0.5 sec)	14 [19]	Foot-pounds [Newton meters]
DID $31 Bytes 57,58 (12 bits)	$06B2	Engine Torque (-1.0 sec)	7 [9]	Foot-pounds [Newton meters]
DID $31 Bytes 59,60 (12 bits)	$0691	Engine Torque (-1.5 sec)	-6 [-8]	Foot-pounds [Newton meters]
DID $31 Bytes 61,62 (12 bits)	$06AC	Engine Torque (-2.0 sec)	4 [6]	Foot-pounds [Newton meters]
DID $31 Byte 63	$15	Engine Throttle, % Full (Throttle Position) (-0.5 sec)	21	% full throttle
DID $31 Byte 64	$12	Engine Throttle, % Full (Throttle Position) (-1.0 sec)	18	% full throttle
DID $31 Byte 65	$0F	Engine Throttle, % Full (Throttle Position) (-1.5 sec)	15	% full throttle
DID $31 Byte 66	$10	Engine Throttle, % Full (Throttle Position) (-2.0 sec)	16	% full throttle
DID $31 Byte 67	$0E	Engine Throttle, % Full (Throttle Position)(-2.5 sec)	14	% full throttle
DID $31 Byte 68	$0D	Engine Throttle, % Full (Throttle Position) (-3.0 sec)	13	% full throttle
DID $31 Byte 69	$12	Engine Throttle, % Full (Throttle Position) (-3.5 sec)	18	% full throttle
DID $31 Byte 70	$1B	Engine Throttle, % Full (Throttle Position) (-4.0 sec)	27	% full throttle
DID $31 Byte 71	$1C	Engine Throttle, % Full (Throttle Position) (-4.5 sec)	28	% full throttle
DID $31 Byte 72	$1C	Engine Throttle, % Full (Throttle Position)(-5.0 sec)	28	% full throttle

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 73	$40	Speed, Vehicle Indicated (Vehicle Speed) (-0.5 sec)	40 [64]	MPH [km/h]
DID $31 Byte 74	$2F	Speed, Vehicle Indicated (Vehicle Speed) (-1.0 sec)	29 [47]	MPH [km/h]
DID $31 Byte 75	$25	Speed, Vehicle Indicated (Vehicle Speed) (-1.5 sec)	23 [37]	MPH [km/h]
DID $31 Byte 76	$37	Speed, Vehicle Indicated (Vehicle Speed) (-2.0 sec)	34 [55]	MPH [km/h]
DID $31 Byte 77	$3A	Speed, Vehicle Indicated (Vehicle Speed)(-2.5 sec)	36 [58]	MPH [km/h]
DID $31 Byte 78	$33	Speed, Vehicle Indicated (Vehicle Speed) (-3.0 sec)	32 [51]	MPH [km/h]
DID $31 Byte 79	$6C	Speed, Vehicle Indicated (Vehicle Speed) (-3.5 sec)	67 [108]	MPH [km/h]
DID $31 Byte 80	$6D	Speed, Vehicle Indicated (Vehicle Speed) (-4.0 sec)	68 [109]	MPH [km/h]
DID $31 Byte 81	$6E	Speed, Vehicle Indicated (Vehicle Speed) (-4.5 sec)	68 [110]	MPH [km/h]
DID $31 Byte 82	$6F	Speed, Vehicle Indicated (Vehicle Speed)(-5.0 sec)	69 [111]	MPH [km/h]
DID $31 Byte 83 bits 7-6	$40	Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	On	
DID $31 Byte 83 bits 5-4	$40	Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off	
DID $31 Bytes 84-85	$FFFD	SIR Warning Lamp ON/OFF Time Continuously	655330	seconds
DID $31 Bytes 86-87	$1759	Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	5977	
DID $31 Byte 88	$FD	Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253	
DID $31 Bytes 89-90	$0000	DTC number	N/A	
DID $31 Byte 91	$00	DTC fault type	N/A	
DID $31 Bytes 92-93	$0000	DTC number	N/A	
DID $31 Byte 94	$00	DTC fault type	N/A	
DID $31 Bytes 95-96	$0000	DTC number	N/A	
DID $31 Byte 97	$00	DTC fault type	N/A	
DID $31 Bytes 98-99	$0000	DTC number	N/A	
DID $31 Byte 100	$00	DTC fault type	N/A	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Bytes 101-102	$0000	DTC number	N/A	
DID $31 Byte 103	$00	DTC fault type	N/A	
DID $31 Bytes 104-105	$0000	DTC number	N/A	
DID $31 Byte 106	$00	DTC fault type	N/A	
DID $31 Bytes 107-108	$0000	DTC number	N/A	
DID $31 Byte 109	$00	DTC fault type	N/A	
DID $31 Bytes 110-111	$0000	DTC number	N/A	
DID $31 Byte 112	$00	DTC fault type	N/A	
DID $31 Bytes 113-114	$0000	DTC number	N/A	
DID $31 Byte 115	$00	DTC fault type	N/A	
DID $31 Byte 116	$75	Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event)	-6 [-10]	MPH [km/h]
DID $31 Byte 117	$57	Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)	174	msec
DID $31 Byte 118	$73	Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event)	-7 [-12]	MPH [km/h]
DID $31 Byte 119	$58	Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)	176	msec
DID $31 Byte 120	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 121	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 122	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 123	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 124	$FF	Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $31 Byte 125	$FF	Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 126	$FF	Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	Data Not Available	msec
DID $31 Byte 127	$FF	Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	Data Not Available	msec
DID $31 Byte 128	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	0 [0]	MPH [km/h]
DID $31 Byte 129	$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	0 [0]	MPH [km/h]
DID $31 Byte 130	$7D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	-1.2 [-2]	MPH [km/h]
DID $31 Byte 131	$7D	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	-1.2 [-2]	MPH [km/h]
DID $31 Byte 132	$7C	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	-1.9 [-3]	MPH [km/h]
DID $31 Byte 133	$7B	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	-2.5 [-4]	MPH [km/h]
DID $31 Byte 134	$7B	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	-2.5 [-4]	MPH [km/h]
DID $31 Byte 135	$7A	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	-3.1 [-5]	MPH [km/h]
DID $31 Byte 136	$79	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	-3.7 [-6]	MPH [km/h]
DID $31 Byte 137	$78	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 138	$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	-4.3 [-7]	MPH [km/h]
DID $31 Byte 139	$77	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 140	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 141	$76	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	-5.6 [-9]	MPH [km/h]
DID $31 Byte 142	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	-5 [-8]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 143	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 144	$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	-5 [-8]	MPH [km/h]
DID $31 Byte 145	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 146	$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	-5.6 [-9]	MPH [km/h]
DID $31 Byte 147	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 148	$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	-5.6 [-9]	MPH [km/h]
DID $31 Byte 149	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 150	$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	-5.6 [-9]	MPH [km/h]
DID $31 Byte 151	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	-6.8 [-11]	MPH [km/h]
DID $31 Byte 152	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 153	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	-6.8 [-11]	MPH [km/h]
DID $31 Byte 154	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 155	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	-6.8 [-11]	MPH [km/h]
DID $31 Byte 156	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 157	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	-6.8 [-11]	MPH [km/h]
DID $31 Byte 158	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 159	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 160	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	-6.2 [-10]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 161	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 162	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 163	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 164	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 165	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 166	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 167	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 168	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 169	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 170	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 171	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 172	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 173	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 174	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 175	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 176	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 177	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 178	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	-6.2 [-10]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 179	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 180	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 181	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 182	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 183	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 184	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 185	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 186	$75	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	-6.2 [-10]	MPH [km/h]
DID $31 Byte 187	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	-7.5 [-12]	MPH [km/h]
DID $31 Byte 188	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (2 ms)	-2.6	G
DID $31 Byte 189	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (2 ms)	-0.6	G
DID $31 Byte 190	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (4 ms)	-2.2	G
DID $31 Byte 191	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (4 ms)	-1.0	G
DID $31 Byte 192	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (6 ms)	-1.8	G
DID $31 Byte 193	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (6 ms)	-1.4	G
DID $31 Byte 194	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (8 ms)	-1.4	G
DID $31 Byte 195	$7A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (8 ms)	-2.2	G
DID $31 Byte 196	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (10 ms)	-2.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 197	$76	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (10 ms)	-3.8	G
DID $31 Byte 198	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (12 ms)	-1.0	G
DID $31 Byte 199	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (12 ms)	-1.8	G
DID $31 Byte 200	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (14 ms)	-3.0	G
DID $31 Byte 201	$72	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (14 ms)	-5.4	G
DID $31 Byte 202	$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (16 ms)	-3.8	G
DID $31 Byte 203	$6A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (16 ms)	-8.6	G
DID $31 Byte 204	$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (18 ms)	-4.6	G
DID $31 Byte 205	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (18 ms)	-1.8	G
DID $31 Byte 206	$6E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (20 ms)	-7.0	G
DID $31 Byte 207	$70	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (20 ms)	-6.2	G
DID $31 Byte 208	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (22 ms)	-1.4	G
DID $31 Byte 209	$6F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (22 ms)	-6.6	G
DID $31 Byte 210	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (24 ms)	-1.8	G
DID $31 Byte 211	$6F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (24 ms)	-6.6	G
DID $31 Byte 212	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (26 ms)	1.8	G
DID $31 Byte 213	$8F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (26 ms)	6.2	G
DID $31 Byte 214	$71	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (28 ms)	-5.8	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 215	$5B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (28 ms)	-14.6	G
DID $31 Byte 216	$6F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (30 ms)	-6.6	G
DID $31 Byte 217	$74	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (30 ms)	-4.6	G
DID $31 Byte 218	$6E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (32 ms)	-7.0	G
DID $31 Byte 219	$66	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (32 ms)	-10.2	G
DID $31 Byte 220	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (34 ms)	-3.0	G
DID $31 Byte 221	$74	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (34 ms)	-4.6	G
DID $31 Byte 222	$6E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (36 ms)	-7.0	G
DID $31 Byte 223	$76	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (36 ms)	-3.8	G
DID $31 Byte 224	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (38 ms)	-2.2	G
DID $31 Byte 225	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (38 ms)	-1.0	G
DID $31 Byte 226	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (40 ms)	-2.2	G
DID $31 Byte 227	$78	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (40 ms)	-3.0	G
DID $31 Byte 228	$73	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (42 ms)	-5.0	G
DID $31 Byte 229	$73	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (42 ms)	-5.0	G
DID $31 Byte 230	$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (44 ms)	-3.8	G
DID $31 Byte 231	$76	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (44 ms)	-3.8	G
DID $31 Byte 232	$71	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (46 ms)	-5.8	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 233	$78	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (46 ms)	-3.0	G
DID $31 Byte 234	$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (48 ms)	-3.8	G
DID $31 Byte 235	$74	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (48 ms)	-4.6	G
DID $31 Byte 236	$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (50 ms)	-4.6	G
DID $31 Byte 237	$77	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (50 ms)	-3.4	G
DID $31 Byte 238	$73	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (52 ms)	-5.0	G
DID $31 Byte 239	$76	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (52 ms)	-3.8	G
DID $31 Byte 240	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (54 ms)	-3.0	G
DID $31 Byte 241	$73	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (54 ms)	-5.0	G
DID $31 Byte 242	$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (56 ms)	-3.4	G
DID $31 Byte 243	$72	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (56 ms)	-5.4	G
DID $31 Byte 244	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (58 ms)	-3.0	G
DID $31 Byte 245	$72	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (58 ms)	-5.4	G
DID $31 Byte 246	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (60 ms)	-1.8	G
DID $31 Byte 247	$71	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (60 ms)	-5.8	G
DID $31 Byte 248	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (62 ms)	-2.2	G
DID $31 Byte 249	$74	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (62 ms)	-4.6	G
DID $31 Byte 250	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (64 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 251	$78	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (64 ms)	-3.0	G
DID $31 Byte 252	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (66 ms)	-1.4	G
DID $31 Byte 253	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (66 ms)	-1.4	G
DID $31 Byte 254	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (68 ms)	-2.2	G
DID $31 Byte 255	$79	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (68 ms)	-2.6	G
DID $31 Byte 256	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (70 ms)	-2.2	G
DID $31 Byte 257	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (70 ms)	-1.0	G
DID $31 Byte 258	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (72 ms)	-1.0	G
DID $31 Byte 259	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (72 ms)	-1.8	G
DID $31 Byte 260	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (74 ms)	-3.0	G
DID $31 Byte 261	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (74 ms)	-1.4	G
DID $31 Byte 262	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (76 ms)	-1.0	G
DID $31 Byte 263	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (76 ms)	-0.6	G
DID $31 Byte 264	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (78 ms)	-1.4	G
DID $31 Byte 265	$78	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (78 ms)	-3.0	G
DID $31 Byte 266	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (80 ms)	-0.2	G
DID $31 Byte 267	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (80 ms)	-0.2	G
DID $31 Byte 268	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (82 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 269	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (82 ms)	-1.8	G
DID $31 Byte 270	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (84 ms)	-0.6	G
DID $31 Byte 271	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (84 ms)	1.0	G
DID $31 Byte 272	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (86 ms)	-0.6	G
DID $31 Byte 273	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (86 ms)	-0.2	G
DID $31 Byte 274	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (88 ms)	-2.6	G
DID $31 Byte 275	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (88 ms)	-1.4	G
DID $31 Byte 276	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (90 ms)	-1.0	G
DID $31 Byte 277	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (90 ms)	-0.6	G
DID $31 Byte 278	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (92 ms)	-1.4	G
DID $31 Byte 279	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (92 ms)	-0.2	G
DID $31 Byte 280	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (94 ms)	0.2	G
DID $31 Byte 281	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (94 ms)	-0.2	G
DID $31 Byte 282	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (96 ms)	-1.8	G
DID $31 Byte 283	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (96 ms)	-0.2	G
DID $31 Byte 284	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (98 ms)	-0.2	G
DID $31 Byte 285	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (98 ms)	-0.2	G
DID $31 Byte 286	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (100 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 287	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (100 ms)	-0.6	G
DID $31 Byte 288	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (102 ms)	-1.4	G
DID $31 Byte 289	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (102 ms)	-0.6	G
DID $31 Byte 290	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (104 ms)	-1.0	G
DID $31 Byte 291	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (104 ms)	-0.6	G
DID $31 Byte 292	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (106 ms)	-1.0	G
DID $31 Byte 293	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (106 ms)	-1.0	G
DID $31 Byte 294	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (108 ms)	-0.6	G
DID $31 Byte 295	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (108 ms)	-1.4	G
DID $31 Byte 296	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (110 ms)	-1.0	G
DID $31 Byte 297	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (110 ms)	-1.0	G
DID $31 Byte 298	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (112 ms)	-0.2	G
DID $31 Byte 299	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (112 ms)	-1.0	G
DID $31 Byte 300	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (114 ms)	-1.0	G
DID $31 Byte 301	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (114 ms)	-0.6	G
DID $31 Byte 302	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (116 ms)	-0.6	G
DID $31 Byte 303	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (116 ms)	-1.0	G
DID $31 Byte 304	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (118 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 305	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (118 ms)	-0.6	G
DID $31 Byte 306	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (120 ms)	-0.6	G
DID $31 Byte 307	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (120 ms)	-0.2	G
DID $31 Byte 308	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (122 ms)	-1.0	G
DID $31 Byte 309	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (122 ms)	-0.6	G
DID $31 Byte 310	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (124 ms)	-0.6	G
DID $31 Byte 311	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (124 ms)	-1.0	G
DID $31 Byte 312	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (126 ms)	-1.0	G
DID $31 Byte 313	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (126 ms)	-1.0	G
DID $31 Byte 314	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (128 ms)	-0.6	G
DID $31 Byte 315	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (128 ms)	-1.0	G
DID $31 Byte 316	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (130 ms)	-1.0	G
DID $31 Byte 317	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (130 ms)	-1.4	G
DID $31 Byte 318	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (132 ms)	-1.0	G
DID $31 Byte 319	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (132 ms)	-1.0	G
DID $31 Byte 320	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (134 ms)	-0.6	G
DID $31 Byte 321	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (134 ms)	-0.2	G
DID $31 Byte 322	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (136 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 323	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (136 ms)	-0.2	G
DID $31 Byte 324	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (138 ms)	-0.6	G
DID $31 Byte 325	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (138 ms)	-0.6	G
DID $31 Byte 326	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (140 ms)	-1.0	G
DID $31 Byte 327	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (140 ms)	-0.6	G
DID $31 Byte 328	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (142 ms)	-0.6	G
DID $31 Byte 329	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (142 ms)	-0.6	G
DID $31 Byte 330	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (144 ms)	-0.6	G
DID $31 Byte 331	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (144 ms)	-0.2	G
DID $31 Byte 332	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (146 ms)	-0.6	G
DID $31 Byte 333	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (146 ms)	-0.2	G
DID $31 Byte 334	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (148 ms)	-0.6	G
DID $31 Byte 335	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (148 ms)	-0.6	G
DID $31 Byte 336	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (150 ms)	-0.6	G
DID $31 Byte 337	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (150 ms)	-0.6	G
DID $31 Byte 338	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (152 ms)	-0.6	G
DID $31 Byte 339	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (152 ms)	-0.6	G
DID $31 Byte 340	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (154 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 341	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (154 ms)	-0.6	G
DID $31 Byte 342	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (156 ms)	-0.6	G
DID $31 Byte 343	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (156 ms)	-0.6	G
DID $31 Byte 344	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (158 ms)	-0.2	G
DID $31 Byte 345	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (158 ms)	-0.6	G
DID $31 Byte 346	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (160 ms)	-0.2	G
DID $31 Byte 347	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (160 ms)	-1.0	G
DID $31 Byte 348	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (162 ms)	-0.2	G
DID $31 Byte 349	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (162 ms)	-1.0	G
DID $31 Byte 350	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (164 ms)	-0.2	G
DID $31 Byte 351	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (164 ms)	-0.6	G
DID $31 Byte 352	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (166 ms)	-0.2	G
DID $31 Byte 353	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (166 ms)	-0.6	G
DID $31 Byte 354	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (168 ms)	-0.2	G
DID $31 Byte 355	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (168 ms)	-0.6	G
DID $31 Byte 356	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (170 ms)	-0.2	G
DID $31 Byte 357	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (170 ms)	-0.2	G
DID $31 Byte 358	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (172 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 359	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (172 ms)	-0.2	G
DID $31 Byte 360	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (174 ms)	-0.2	G
DID $31 Byte 361	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (174 ms)	-0.2	G
DID $31 Byte 362	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (176 ms)	-0.2	G
DID $31 Byte 363	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (176 ms)	-0.2	G
DID $31 Byte 364	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (178 ms)	-0.2	G
DID $31 Byte 365	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (178 ms)	-0.2	G
DID $31 Byte 366	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (180 ms)	-0.2	G
DID $31 Byte 367	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (180 ms)	-0.2	G
DID $31 Byte 368	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (182 ms)	-0.2	G
DID $31 Byte 369	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (182 ms)	-0.2	G
DID $31 Byte 370	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (184 ms)	-0.2	G
DID $31 Byte 371	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (184 ms)	-0.2	G
DID $31 Byte 372	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (186 ms)	-0.2	G
DID $31 Byte 373	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (186 ms)	-0.2	G
DID $31 Byte 374	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (188 ms)	-0.2	G
DID $31 Byte 375	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (188 ms)	-0.2	G
DID $31 Byte 376	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (190 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 377	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (190 ms)	-0.2	G
DID $31 Byte 378	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (192 ms)	-0.2	G
DID $31 Byte 379	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (192 ms)	-0.2	G
DID $31 Byte 380	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (194 ms)	-0.2	G
DID $31 Byte 381	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (194 ms)	-0.2	G
DID $31 Byte 382	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (196 ms)	-0.2	G
DID $31 Byte 383	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (196 ms)	-0.2	G
DID $31 Byte 384	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (198 ms)	-0.2	G
DID $31 Byte 385	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (198 ms)	-0.2	G
DID $31 Byte 386	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (200 ms)	-0.2	G
DID $31 Byte 387	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (200 ms)	-0.2	G
DID $31 Byte 388	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (202 ms)	-0.2	G
DID $31 Byte 389	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (202 ms)	-0.2	G
DID $31 Byte 390	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (204 ms)	-0.2	G
DID $31 Byte 391	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (204 ms)	-0.2	G
DID $31 Byte 392	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (206 ms)	-0.2	G
DID $31 Byte 393	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (206 ms)	-0.2	G
DID $31 Byte 394	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (208 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 395	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (208 ms)	-0.2	G
DID $31 Byte 396	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (210 ms)	-0.2	G
DID $31 Byte 397	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (210 ms)	-0.2	G
DID $31 Byte 398	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (212 ms)	-0.2	G
DID $31 Byte 399	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (212 ms)	-0.2	G
DID $31 Byte 400	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (214 ms)	-0.2	G
DID $31 Byte 401	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (214 ms)	-0.2	G
DID $31 Byte 402	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (216 ms)	-0.2	G
DID $31 Byte 403	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (216 ms)	-0.2	G
DID $31 Byte 404	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (218 ms)	-0.2	G
DID $31 Byte 405	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (218 ms)	-0.2	G
DID $31 Byte 406	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (220 ms)	-0.2	G
DID $31 Byte 407	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (220 ms)	-0.2	G
DID $31 Byte 408	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (222 ms)	-0.2	G
DID $31 Byte 409	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (222 ms)	-0.2	G
DID $31 Byte 410	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (224 ms)	-0.2	G
DID $31 Byte 411	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (224 ms)	-0.2	G
DID $31 Byte 412	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (226 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 413	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (226 ms)	-0.2	G
DID $31 Byte 414	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (228 ms)	-0.2	G
DID $31 Byte 415	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (228 ms)	-0.2	G
DID $31 Byte 416	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (230 ms)	-0.2	G
DID $31 Byte 417	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (230 ms)	-0.2	G
DID $31 Byte 418	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (232 ms)	-0.2	G
DID $31 Byte 419	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (232 ms)	-0.2	G
DID $31 Byte 420	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (234 ms)	-0.2	G
DID $31 Byte 421	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (234 ms)	-0.2	G
DID $31 Byte 422	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (236 ms)	-0.2	G
DID $31 Byte 423	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (236 ms)	-0.2	G
DID $31 Byte 424	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (238 ms)	-0.2	G
DID $31 Byte 425	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (238 ms)	-0.2	G
DID $31 Byte 426	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (240 ms)	-0.2	G
DID $31 Byte 427	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (240 ms)	-0.2	G
DID $31 Byte 428	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (242 ms)	-0.2	G
DID $31 Byte 429	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (242 ms)	-0.2	G
DID $31 Byte 430	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (244 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 431	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (244 ms)	-0.2	G
DID $31 Byte 432	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (246 ms)	-0.2	G
DID $31 Byte 433	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (246 ms)	-0.2	G
DID $31 Byte 434	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (248 ms)	-0.2	G
DID $31 Byte 435	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (248 ms)	-0.2	G
DID $31 Byte 436	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (250 ms)	-0.2	G
DID $31 Byte 437	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (250 ms)	-0.2	G
DID $31 Byte 438	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (252 ms)	-0.2	G
DID $31 Byte 439	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (252 ms)	-0.2	G
DID $31 Byte 440	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (254 ms)	-0.2	G
DID $31 Byte 441	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (254 ms)	-0.2	G
DID $31 Byte 442	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (256 ms)	-0.2	G
DID $31 Byte 443	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (256 ms)	-0.2	G
DID $31 Byte 444	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (258 ms)	-0.2	G
DID $31 Byte 445	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (258 ms)	-0.2	G
DID $31 Byte 446	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (260 ms)	-0.2	G
DID $31 Byte 447	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (260 ms)	-0.2	G
DID $31 Byte 448	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (262 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 449	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (262 ms)	-0.2	G
DID $31 Byte 450	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (264 ms)	-0.2	G
DID $31 Byte 451	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (264ms)	-0.2	G
DID $31 Byte 452	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (266 ms)	-0.2	G
DID $31 Byte 453	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (266 ms)	-0.2	G
DID $31 Byte 454	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (268 ms)	-0.2	G
DID $31 Byte 455	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (268 ms)	-0.2	G
DID $31 Byte 456	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (270 ms)	-0.2	G
DID $31 Byte 457	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (270 ms)	-0.2	G
DID $31 Byte 458	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (272 ms)	-0.2	G
DID $31 Byte 459	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (272 ms)	-0.2	G
DID $31 Byte 460	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (274 ms)	-0.2	G
DID $31 Byte 461	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (274 ms)	-0.2	G
DID $31 Byte 462	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (276 ms)	-0.2	G
DID $31 Byte 463	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (276 ms)	-0.2	G
DID $31 Byte 464	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (278 ms)	-0.2	G
DID $31 Byte 465	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (278 ms)	-0.2	G
DID $31 Byte 466	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (280 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 467	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (280 ms)	-0.2	G
DID $31 Byte 468	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (282 ms)	-0.2	G
DID $31 Byte 469	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (282 ms)	-0.2	G
DID $31 Byte 470	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (284 ms)	-0.2	G
DID $31 Byte 471	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (284 ms)	-0.2	G
DID $31 Byte 472	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (286 ms)	-0.2	G
DID $31 Byte 473	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (286 ms)	-0.2	G
DID $31 Byte 474	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (288 ms)	-0.2	G
DID $31 Byte 475	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (288 ms)	-0.2	G
DID $31 Byte 476	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (290 ms)	-0.2	G
DID $31 Byte 477	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (290ms)	-0.2	G
DID $31 Byte 478	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (292 ms)	-0.2	G
DID $31 Byte 479	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (292 ms)	-0.2	G
DID $31 Byte 480	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (294 ms)	-0.2	G
DID $31 Byte 481	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (294 ms)	-0.2	G
DID $31 Byte 482	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (296 ms)	-0.2	G
DID $31 Byte 483	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (296 ms)	-0.2	G
DID $31 Byte 484	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (298 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 485	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (298 ms)	-0.2	G
DID $31 Byte 486	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (300 ms)	-0.2	G
DID $31 Byte 487	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (300 ms)	-0.2	G
DID $31 Byte 488	$FF	SDM Recorded Vehicle Roll Rate (-700 ms)	Data Not Available	deg/sec
DID $31 Byte 489	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $31 Byte 490	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $31 Byte 491	$FF	SDM Recorded Vehicle Roll Rate (-690 ms)	Data Not Available	deg/sec
DID $31 Byte 492	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $31 Byte 493	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $31 Byte 494	$FF	SDM Recorded Vehicle Roll Rate (-680 ms)	Data Not Available	deg/sec
DID $31 Byte 495	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $31 Byte 496	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $31 Byte 497	$FF	SDM Recorded Vehicle Roll Rate (-670 ms)	Data Not Available	deg/sec
DID $31 Byte 498	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $31 Byte 499	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $31 Byte 500	$FF	SDM Recorded Vehicle Roll Rate (-660 ms)	Data Not Available	deg/sec
DID $31 Byte 501	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID $31 Byte 502	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-660 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 503	$FF	SDM Recorded Vehicle Roll Rate (-650 ms)	Data Not Available	deg/sec
DID $31 Byte 504	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID $31 Byte 505	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID $31 Byte 506	$FF	SDM Recorded Vehicle Roll Rate (-640 ms)	Data Not Available	deg/sec
DID $31 Byte 507	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $31 Byte 508	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $31 Byte 509	$FF	SDM Recorded Vehicle Roll Rate (-630 ms)	Data Not Available	deg/sec
DID $31 Byte 510	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $31 Byte 511	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $31 Byte 512	$FF	SDM Recorded Vehicle Roll Rate (-620 ms)	Data Not Available	deg/sec
DID $31 Byte 513	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $31 Byte 514	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $31 Byte 515	$FF	SDM Recorded Vehicle Roll Rate (-610 ms)	Data Not Available	deg/sec
DID $31 Byte 516	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $31 Byte 517	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $31 Byte 518	$FF	SDM Recorded Vehicle Roll Rate (-600 ms)	Data Not Available	deg/sec
DID $31 Byte 519	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID $31 Byte 520	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-600 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 521	$FF	SDM Recorded Vehicle Roll Rate (-590 ms)	Data Not Available	deg/sec
DID $31 Byte 522	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID $31 Byte 523	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID $31 Byte 524	$FF	SDM Recorded Vehicle Roll Rate (-580 ms)	Data Not Available	deg/sec
DID $31 Byte 525	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $31 Byte 526	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $31 Byte 527	$FF	SDM Recorded Vehicle Roll Rate (-570 ms)	Data Not Available	deg/sec
DID $31 Byte 528	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $31 Byte 529	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $31 Byte 530	$FF	SDM Recorded Vehicle Roll Rate (-560 ms)	Data Not Available	deg/sec
DID $31 Byte 531	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $31 Byte 532	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $31 Byte 533	$FF	SDM Recorded Vehicle Roll Rate (-550 ms)	Data Not Available	deg/sec
DID $31 Byte 534	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $31 Byte 535	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $31 Byte 536	$FF	SDM Recorded Vehicle Roll Rate (-540 ms)	Data Not Available	deg/sec
DID $31 Byte 537	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID $31 Byte 538	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-540 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 539	$FF	SDM Recorded Vehicle Roll Rate (-530 ms)	Data Not Available	deg/sec
DID $31 Byte 540	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID $31 Byte 541	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID $31 Byte 542	$FF	SDM Recorded Vehicle Roll Rate (-520 ms)	Data Not Available	deg/sec
DID $31 Byte 543	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $31 Byte 544	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $31 Byte 545	$FF	SDM Recorded Vehicle Roll Rate (-510 ms)	Data Not Available	deg/sec
DID $31 Byte 546	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $31 Byte 547	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $31 Byte 548	$FF	SDM Recorded Vehicle Roll Rate (-500 ms)	Data Not Available	deg/sec
DID $31 Byte 549	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $31 Byte 550	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $31 Byte 551	$FF	SDM Recorded Vehicle Roll Rate (-490 ms)	Data Not Available	deg/sec
DID $31 Byte 552	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $31 Byte 553	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $31 Byte 554	$FF	SDM Recorded Vehicle Roll Rate (-480 ms)	Data Not Available	deg/sec
DID $31 Byte 555	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID $31 Byte 556	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-480 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 557	$FF	SDM Recorded Vehicle Roll Rate (-470 ms)	Data Not Available	deg/sec
DID $31 Byte 558	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID $31 Byte 559	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID $31 Byte 560	$FF	SDM Recorded Vehicle Roll Rate (-460 ms)	Data Not Available	deg/sec
DID $31 Byte 561	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $31 Byte 562	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $31 Byte 563	$FF	SDM Recorded Vehicle Roll Rate (-450 ms)	Data Not Available	deg/sec
DID $31 Byte 564	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $31 Byte 565	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $31 Byte 566	$FF	SDM Recorded Vehicle Roll Rate (-440 ms)	Data Not Available	deg/sec
DID $31 Byte 567	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $31 Byte 568	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $31 Byte 569	$FF	SDM Recorded Vehicle Roll Rate (-430 ms)	Data Not Available	deg/sec
DID $31 Byte 570	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $31 Byte 571	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $31 Byte 572	$FF	SDM Recorded Vehicle Roll Rate (-420 ms)	Data Not Available	deg/sec
DID $31 Byte 573	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID $31 Byte 574	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-420 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 575	$FF	SDM Recorded Vehicle Roll Rate (-410 ms)	Data Not Available	deg/sec
DID $31 Byte 576	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID $31 Byte 577	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID $31 Byte 578	$FF	SDM Recorded Vehicle Roll Rate (-400 ms)	Data Not Available	deg/sec
DID $31 Byte 579	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $31 Byte 580	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $31 Byte 581	$FF	SDM Recorded Vehicle Roll Rate (-390 ms)	Data Not Available	deg/sec
DID $31 Byte 582	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $31 Byte 583	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $31 Byte 584	$FF	SDM Recorded Vehicle Roll Rate (-380 ms)	Data Not Available	deg/sec
DID $31 Byte 585	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $31 Byte 586	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $31 Byte 587	$FF	SDM Recorded Vehicle Roll Rate (-370 ms)	Data Not Available	deg/sec
DID $31 Byte 588	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $31 Byte 589	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $31 Byte 590	$FF	SDM Recorded Vehicle Roll Rate (-360 ms)	Data Not Available	deg/sec
DID $31 Byte 591	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID $31 Byte 592	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-360 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 593	$FF	SDM Recorded Vehicle Roll Rate (-350 ms)	Data Not Available	deg/sec
DID $31 Byte 594	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID $31 Byte 595	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID $31 Byte 596	$FF	SDM Recorded Vehicle Roll Rate (-340 ms)	Data Not Available	deg/sec
DID $31 Byte 597	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $31 Byte 598	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $31 Byte 599	$FF	SDM Recorded Vehicle Roll Rate (-330 ms)	Data Not Available	deg/sec
DID $31 Byte 600	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $31 Byte 601	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $31 Byte 602	$FF	SDM Recorded Vehicle Roll Rate (-320 ms)	Data Not Available	deg/sec
DID $31 Byte 603	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $31 Byte 604	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $31 Byte 605	$FF	SDM Recorded Vehicle Roll Rate (-310 ms)	Data Not Available	deg/sec
DID $31 Byte 606	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $31 Byte 607	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $31 Byte 608	$FF	SDM Recorded Vehicle Roll Rate (-300 ms)	Data Not Available	deg/sec
DID $31 Byte 609	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID $31 Byte 610	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-300 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 611	$FF	SDM Recorded Vehicle Roll Rate (-290 ms)	Data Not Available	deg/sec
DID $31 Byte 612	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID $31 Byte 613	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID $31 Byte 614	$FF	SDM Recorded Vehicle Roll Rate (-280 ms)	Data Not Available	deg/sec
DID $31 Byte 615	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $31 Byte 616	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $31 Byte 617	$FF	SDM Recorded Vehicle Roll Rate (-270 ms)	Data Not Available	deg/sec
DID $31 Byte 618	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $31 Byte 619	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $31 Byte 620	$FF	SDM Recorded Vehicle Roll Rate (-260 ms)	Data Not Available	deg/sec
DID $31 Byte 621	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $31 Byte 622	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $31 Byte 623	$FF	SDM Recorded Vehicle Roll Rate (-250 ms)	Data Not Available	deg/sec
DID $31 Byte 624	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $31 Byte 625	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $31 Byte 626	$FF	SDM Recorded Vehicle Roll Rate (-240 ms)	Data Not Available	deg/sec
DID $31 Byte 627	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID $31 Byte 628	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-240 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 629	$FF	SDM Recorded Vehicle Roll Rate (-230 ms)	Data Not Available	deg/sec
DID $31 Byte 630	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID $31 Byte 631	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID $31 Byte 632	$FF	SDM Recorded Vehicle Roll Rate (-220 ms)	Data Not Available	deg/sec
DID $31 Byte 633	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $31 Byte 634	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $31 Byte 635	$FF	SDM Recorded Vehicle Roll Rate (-210 ms)	Data Not Available	deg/sec
DID $31 Byte 636	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $31 Byte 637	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $31 Byte 638	$FF	SDM Recorded Vehicle Roll Rate (-200 ms)	Data Not Available	deg/sec
DID $31 Byte 639	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $31 Byte 640	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $31 Byte 641	$FF	SDM Recorded Vehicle Roll Rate (-190 ms)	Data Not Available	deg/sec
DID $31 Byte 642	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $31 Byte 643	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $31 Byte 644	$FF	SDM Recorded Vehicle Roll Rate (-180 ms)	Data Not Available	deg/sec
DID $31 Byte 645	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID $31 Byte 646	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-180 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 647	$FF	SDM Recorded Vehicle Roll Rate (-170 ms)	Data Not Available	deg/sec
DID $31 Byte 648	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID $31 Byte 649	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID $31 Byte 650	$FF	SDM Recorded Vehicle Roll Rate (-160 ms)	Data Not Available	deg/sec
DID $31 Byte 651	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $31 Byte 652	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $31 Byte 653	$FF	SDM Recorded Vehicle Roll Rate (-150 ms)	Data Not Available	deg/sec
DID $31 Byte 654	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $31 Byte 655	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $31 Byte 656	$FF	SDM Recorded Vehicle Roll Rate (-140 ms)	Data Not Available	deg/sec
DID $31 Byte 657	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $31 Byte 658	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $31 Byte 659	$FF	SDM Recorded Vehicle Roll Rate (-130 ms)	Data Not Available	deg/sec
DID $31 Byte 660	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $31 Byte 661	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $31 Byte 662	$FF	SDM Recorded Vehicle Roll Rate (-120 ms)	Data Not Available	deg/sec
DID $31 Byte 663	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID $31 Byte 664	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-120 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 665	$FF	SDM Recorded Vehicle Roll Rate (-110 ms)	Data Not Available	deg/sec
DID $31 Byte 666	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID $31 Byte 667	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID $31 Byte 668	$FF	SDM Recorded Vehicle Roll Rate (-100 ms)	Data Not Available	deg/sec
DID $31 Byte 669	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $31 Byte 670	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $31 Byte 671	$FF	SDM Recorded Vehicle Roll Rate (-90 ms)	Data Not Available	deg/sec
DID $31 Byte 672	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $31 Byte 673	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $31 Byte 674	$FF	SDM Recorded Vehicle Roll Rate (-80 ms)	Data Not Available	deg/sec
DID $31 Byte 675	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $31 Byte 676	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $31 Byte 677	$FF	SDM Recorded Vehicle Roll Rate (-70 ms)	Data Not Available	deg/sec
DID $31 Byte 678	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $31 Byte 679	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $31 Byte 680	$FF	SDM Recorded Vehicle Roll Rate (-60 ms)	Data Not Available	deg/sec
DID $31 Byte 681	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID $31 Byte 682	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-60 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 683	$FF	SDM Recorded Vehicle Roll Rate (-50 ms)	Data Not Available	deg/sec
DID $31 Byte 684	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID $31 Byte 685	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID $31 Byte 686	$FF	SDM Recorded Vehicle Roll Rate (-40 ms)	Data Not Available	deg/sec
DID $31 Byte 687	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $31 Byte 688	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $31 Byte 689	$FF	SDM Recorded Vehicle Roll Rate (-30 ms)	Data Not Available	deg/sec
DID $31 Byte 690	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $31 Byte 691	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $31 Byte 692	$FF	SDM Recorded Vehicle Roll Rate (-20 ms)	Data Not Available	deg/sec
DID $31 Byte 693	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $31 Byte 694	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $31 Byte 695	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $31 Byte 696	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 697	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 698	$FF	SDM Recorded Vehicle Roll Rate (0 ms)	Data Not Available	deg/sec
DID $31 Byte 699	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID $31 Byte 700	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (0 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 701	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $31 Byte 702	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 703	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $31 Byte 704	$FF	SDM Recorded Vehicle Roll Rate (20 ms)	Data Not Available	deg/sec
DID $31 Byte 705	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $31 Byte 706	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $31 Byte 707	$FF	SDM Recorded Vehicle Roll Rate (30 ms)	Data Not Available	deg/sec
DID $31 Byte 708	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $31 Byte 709	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $31 Byte 710	$FF	SDM Recorded Vehicle Roll Rate (40 ms)	Data Not Available	deg/sec
DID $31 Byte 711	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $31 Byte 712	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $31 Byte 713	$FF	SDM Recorded Vehicle Roll Rate (50 ms)	Data Not Available	deg/sec
DID $31 Byte 714	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $31 Byte 715	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $31 Byte 716	$FF	SDM Recorded Vehicle Roll Rate (60 ms)	Data Not Available	deg/sec
DID $31 Byte 717	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID $31 Byte 718	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (60 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 719	$FF	SDM Recorded Vehicle Roll Rate (70 ms)	Data Not Available	deg/sec
DID $31 Byte 720	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID $31 Byte 721	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID $31 Byte 722	$FF	SDM Recorded Vehicle Roll Rate (80 ms)	Data Not Available	deg/sec
DID $31 Byte 723	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $31 Byte 724	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $31 Byte 725	$FF	SDM Recorded Vehicle Roll Rate (90 ms)	Data Not Available	deg/sec
DID $31 Byte 726	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $31 Byte 727	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $31 Byte 728	$FF	SDM Recorded Vehicle Roll Rate (100 ms)	Data Not Available	deg/sec
DID $31 Byte 729	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $31 Byte 730	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $31 Byte 731	$FF	SDM Recorded Vehicle Roll Rate (110 ms)	Data Not Available	deg/sec
DID $31 Byte 732	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $31 Byte 733	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $31 Byte 734	$FF	SDM Recorded Vehicle Roll Rate (120 ms)	Data Not Available	deg/sec
DID $31 Byte 735	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID $31 Byte 736	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (120 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 737	$FF	SDM Recorded Vehicle Roll Rate (130 ms)	Data Not Available	deg/sec
DID $31 Byte 738	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID $31 Byte 739	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID $31 Byte 740	$FF	SDM Recorded Vehicle Roll Rate (140 ms)	Data Not Available	deg/sec
DID $31 Byte 741	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $31 Byte 742	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $31 Byte 743	$FF	SDM Recorded Vehicle Roll Rate (150 ms)	Data Not Available	deg/sec
DID $31 Byte 744	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $31 Byte 745	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $31 Byte 746	$FF	SDM Recorded Vehicle Roll Rate (160 ms)	Data Not Available	deg/sec
DID $31 Byte 747	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $31 Byte 748	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $31 Byte 749	$FF	SDM Recorded Vehicle Roll Rate (170 ms)	Data Not Available	deg/sec
DID $31 Byte 750	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $31 Byte 751	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $31 Byte 752	$FF	SDM Recorded Vehicle Roll Rate (180 ms)	Data Not Available	deg/sec
DID $31 Byte 753	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID $31 Byte 754	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (180 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 755	$FF	SDM Recorded Vehicle Roll Rate (190 ms)	Data Not Available	deg/sec
DID $31 Byte 756	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID $31 Byte 757	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID $31 Byte 758	$FF	SDM Recorded Vehicle Roll Rate (200 ms)	Data Not Available	deg/sec
DID $31 Byte 759	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $31 Byte 760	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $31 Byte 761	$FF	SDM Recorded Vehicle Roll Rate (210 ms)	Data Not Available	deg/sec
DID $31 Byte 762	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $31 Byte 763	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $31 Byte 764	$FF	SDM Recorded Vehicle Roll Rate (220 ms)	Data Not Available	deg/sec
DID $31 Byte 765	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $31 Byte 766	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $31 Byte 767	$FF	SDM Recorded Vehicle Roll Rate (230 ms)	Data Not Available	77
DID $31 Byte 768	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $31 Byte 769	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $31 Byte 770	$FF	SDM Recorded Vehicle Roll Rate (240 ms)	Data Not Available	deg/sec
DID $31 Byte 771	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID $31 Byte 772	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (240 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $31 Byte 773	$FF	SDM Recorded Vehicle Roll Rate (250 ms)	Data Not Available	deg/sec
DID $31 Byte 774	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID $31 Byte 775	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID $31 Byte 776	$FF	SDM Recorded Vehicle Roll Rate (260 ms)	Data Not Available	deg/sec
DID $31 Byte 777	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $31 Byte 778	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $31 Byte 779	$FF	SDM Recorded Vehicle Roll Rate (270 ms)	Data Not Available	deg/sec
DID $31 Byte 780	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $31 Byte 781	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $31 Byte 782	$FF	SDM Recorded Vehicle Roll Rate (280 ms)	Data Not Available	deg/sec
DID $31 Byte 783	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $31 Byte 784	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $31 Byte 785	$FF	SDM Recorded Vehicle Roll Rate (290 ms)	Data Not Available	deg/sec
DID $31 Byte 786	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (290 ms)	Data Not Available	G
DID $31 Byte 787	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (290 ms)	Data Not Available	G

Event Record #2 Data

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 0	$A5	Complete File Recorded (Event Recording Complete)	Yes	
DID $32 Byte 1, bit 7	$F0	Event Record Type	Deployment	
DID $32 Byte 1, bit 6	$F0	Crash Record Locked	Yes	
DID $32 Byte 1, bit 5	$F0	OnStar Deployment Status Data Sent	Yes	
DID $32 Byte 1, bit 4	$F0	OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes	
DID $32 Byte 2	$01	Deployment Event Counter	1	counts
DID $32 Bytes 3-4	$0002	Multi-Event, Number of Events (Event Counter)	2	counts
DID $32 Byte 5	$01	OnStar Notification Event Counter	1	counts
DID $32 Byte 6, bit 3	$07	Algorithm Active: Rear	No	
DID $32 Byte 6, bit 2	$07	Algorithm Active: Rollover	Yes	
DID $32 Byte 6, bit 1	$07	Algorithm Active: Side	Yes	
DID $32 Byte 6, bit 0	$07	Algorithm Active: Frontal	Yes	
DID $32 Bytes 7-8	$182A	Ignition Cycle, Crash (Ignition Cycles at Event)	6186	counts
DID $32 Bytes 9-10	$001F	Time From Event 1 to 2 (Time Between Events)	0.31	seconds
DID $32 Byte 11 bit 0	$00	Concurrent Event Flag Set	No	
DID $32 Byte 14, bit 7	$22	Event Severity Status: Rollover	No	
DID $32 Byte 14, bit 6	$22	Event Severity Status: Rear	No	
DID $32 Byte 14, bit 5	$22	Event Severity Status: Right Side	Yes	
DID $32 Byte 14, bit 4	$22	Event Severity Status: Left Side	No	
DID $32 Byte 14, bit 3	$22	Event Severity Status: Frontal Stage 2	No	
DID $32 Byte 14, bit 2	$22	Event Severity Status: Frontal Stage 1	No	
DID $32 Byte 14, bit 1	$22	Event Severity Status: Frontal Pretensioner	Yes	
DID $32 Byte 15 bit 7	$03	Driver 1st Stage Deployment Loop Commanded	No	
DID $32 Byte 15 bit 6	$03	Passenger 1st Stage Deployment Loop Commanded	No	
DID $32 Byte 15 bit 5	$03	Driver 2nd Stage Deployment Loop Commanded	No	
DID $32 Byte 15 bit 3	$03	Passenger 2nd Stage Deployment Loop Commanded	No	
DID $32 Byte 15 bit 1	$03	Driver Pretensioner Deployment Loop #1 Commanded	Yes	
DID $32 Byte 15 bit 0	$03	Passenger Pretensioner Deployment Loop #1 Commanded	Yes	
DID $32 Byte 16 bit 7	$D3	Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	Yes	
DID $32 Byte 16 bit 6	$D3	Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	Yes	
DID $32 Byte 16 bit 5	$D3	Driver Thorax Loop Commanded (If Equipped)	No	
DID $32 Byte 16 bit 4	$D3	Passenger Thorax Loop Commanded (If Equipped)	Yes	
DID $32 Byte 16 bit 3	$D3	Left Row 2 Thorax Loop Commanded (If Equipped)	No	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 16 bit 2	$D3	Right Row 2 Thorax Loop Commanded (If Equipped)	No	
DID $32 Byte 16 bit 1	$D3	Left Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	Yes	
DID $32 Byte 16 bit 0	$D3	Right Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	Yes	
DID $32 Byte 17 bit 7	$00	Left Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $32 Byte 17 bit 6	$00	Right Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $32 Byte 17 bit 5	$00	Left Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $32 Byte 17 bit 4	$00	Right Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $32 Byte 17 bit 3	$00	Driver Knee Deployment Loop Commanded (If Equipped)	No	
DID $32 Byte 17 bit 2	$00	Passenger Knee Deployment Loop Commanded (If Equipped)	No	
DID $32 Byte 17 bit 1	$00	Left Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $32 Byte 17 bit 0	$00	Right Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $32 Byte 18 bit 7	$00	Center Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $32 Byte 18 bit 6	$00	Battery Cutoff Loop Commanded (If Equipped)	No	
DID $32 Byte 18 bit 5	$00	Driver Roll Bar Loop Commanded (If Equipped)	No	
DID $32 Byte 18 bit 4	$00	Passenger Roll Bar Loop Commanded (If Equipped)	No	
DID $32 Byte 18 bit 3	$00	Steering Column Energy Absorbing Loop Commanded (If Equipped)	No	
DID $32 Byte 18 bit 2	$00	Driver Head Rest Loop Commanded (If Equipped)	No	
DID $32 Byte 18 bit 1	$00	Passenger Head Rest Loop Commanded (If Equipped)	No	
DID $32 Byte 18 bit 0	$00	Left Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $32 Byte 19 bit 7	$00	Right Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $32 Byte 19 bit 6	$00	Center Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $32 Byte 19 bit 5	$00	High Voltage Battery Cutoff Commanded (If Equipped)	No	
DID $32 Byte 20 bits 7-6	$5C	Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled	
DID $32 Byte 20 bits 5-4	$5C	Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Buckled	
DID $32 Byte 20 bits 3-2	$5C	Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 21 bits 7-6	$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $32 Byte 21 bits 5-4	$FC	Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $32 Byte 21 bits 3-2	$FC	Right Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $32 Byte 22 bits 7-6	$FC	Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $32 Byte 22 bits 5-4	$FC	Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $32 Byte 22 bits 3-2	$FC	Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $32 Byte 23 bits 7-6	$F0	Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	Data Not Available	
DID $32 Byte 23 bits 5-4	$F0	Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	Data Not Available	
DID $32 Byte 24 bits 7-5	$20	Passenger Seat Occupancy Status	Occupied	
DID $32 Byte 25 bits 7-4	$60	Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Small Adult)	
DID $32 Byte 26 bits 7-6	$C0	Frontal air bag suppression switch status (Passenger SIR Suppression Switch Circuit Status)	Data Not Available	
DID $32 Byte 27 bits 7-6	$40	Passenger Air Bag ON Indicator Status	On	
DID $32 Byte 27 bits 5-4	$40	Passenger Air Bag OFF Indicator Status	Off	
DID $32 Byte 28	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-0.5 sec)	0	%
DID $32 Byte 29	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.0 sec)	0	%
DID $32 Byte 30	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.5 sec)	0	%
DID $32 Byte 31	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.0 sec)	0	%
DID $32 Byte 32	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.5 sec)	0	%
DID $32 Byte 33	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.0 sec)	0	%
DID $32 Byte 34	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.5 sec)	0	%
DID $32 Byte 35	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.0 sec)	0	%
DID $32 Byte 36	$0A	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.5 sec)	10	%
DID $32 Byte 37	$0B	Accelerator Pedal, % Full (Accelerator Pedal Position) (-5.0 sec)	11	%
DID $32 Byte 38 bits 7-6	$55	Service Brake (Brake Switch Circuit State) (-0.5 sec)	On	
DID $32 Byte 38 bits 5-4	$55	Service Brake (Brake Switch Circuit State) (-1.0 sec)	On	
DID $32 Byte 38 bits 3-2	$55	Service Brake (Brake Switch Circuit State) (-1.5 sec)	On	
DID $32 Byte 38 bits 1-0	$55	Service Brake (Brake Switch Circuit State) (-2.0 sec)	On	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 39 bits 7-6	$54	Service Brake (Brake Switch Circuit State) (-2.5 sec)	On	
DID $32 Byte 39 bits 5-4	$54	Service Brake (Brake Switch Circuit State) (-3.0 sec)	On	
DID $32 Byte 39 bits 3-2	$54	Service Brake (Brake Switch Circuit State) (-3.5 sec)	On	
DID $32 Byte 39 bits 1-0	$54	Service Brake (Brake Switch Circuit State) (-4.0 sec)	Off	
DID $32 Byte 40 bits 7-6	$00	Service Brake (Brake Switch Circuit State) (-4.5 sec)	Off	
DID $32 Byte 40 bits 5-4	$00	Service Brake (Brake Switch Circuit State) (-5.0 sec)	Off	
DID $32 Byte 41 bits 7-6	$00	Cruise Control Resume Switch Active (-0.5 sec)	No	
DID $32 Byte 41 bits 5-4	$00	Cruise Control Resume Switch Active (-1.0 sec)	No	
DID $32 Byte 41 bits 3-2	$00	Cruise Control Resume Switch Active (-1.5 sec)	No	
DID $32 Byte 41 bits 1-0	$00	Cruise Control Resume Switch Active (-2.0 sec)	No	
DID $32 Byte 42 bits 7-6	$00	Cruise Control Active (-0.5 sec)	No	
DID $32 Byte 42 bits 5-4	$00	Cruise Control Active (-1.0 sec)	No	
DID $32 Byte 42 bits 3-2	$00	Cruise Control Active (-1.5 sec)	No	
DID $32 Byte 42 bits 1-0	$00	Cruise Control Active (-2.0 sec)	No	
DID $32 Byte 43 bits 7-6	$00	Cruise Control Set Switch Active (-0.5 sec)	No	
DID $32 Byte 43 bits 5-4	$00	Cruise Control Set Switch Active (-1.0 sec)	No	
DID $32 Byte 43 bits 3-2	$00	Cruise Control Set Switch Active (-1.5 sec)	No	
DID $32 Byte 43 bits 1-0	$00	Cruise Control Set Switch Active (-2.0 sec)	No	
DID $32 Byte 44 bits 7-6	$00	Reduced Engine Power Mode indicator (-0.5 sec)	Off	
DID $32 Byte 44 bits 5-4	$00	Reduced Engine Power Mode indicator (-1.0 sec)	Off	
DID $32 Byte 44 bits 3-2	$00	Reduced Engine Power Mode indicator (-1.5 sec)	Off	
DID $32 Byte 44 bits 1-0	$00	Reduced Engine Power Mode indicator (-2.0 sec)	Off	
DID $32 Byte 45	$14	Engine RPM (Engine Speed) (-0.5 sec)	1280	RPM
DID $32 Byte 46	$16	Engine RPM (Engine Speed) (-1.0 sec)	1408	RPM
DID $32 Byte 47	$15	Engine RPM (Engine Speed) (-1.5 sec)	1344	RPM
DID $32 Byte 48	$11	Engine RPM (Engine Speed)(-2.0 sec)	1088	RPM
DID $32 Byte 49	$0F	Engine RPM (Engine Speed) (-2.5 sec)	960	RPM
DID $32 Byte 50	$0C	Engine RPM (Engine Speed) (-3.0 sec)	768	RPM
DID $32 Byte 51	$0E	Engine RPM (Engine Speed) (-3.5 sec)	896	RPM
DID $32 Byte 52	$1C	Engine RPM (Engine Speed) (-4.0 sec)	1792	RPM
DID $32 Byte 53	$1B	Engine RPM (Engine Speed)(-4.5 sec)	1728	RPM
DID $32 Byte 54	$1B	Engine RPM (Engine Speed) (-5.0 sec)	1728	RPM
DID $32 Bytes 55,56 (12 bits)	$06B6	Engine Torque (-0.5 sec)	8 [11]	Foot-pounds [Newton meters]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Bytes 57,58 (12 bits)	$06C6	Engine Torque (-1.0 sec)	14 [19]	Foot-pounds [Newton meters]
DID $32 Bytes 59,60 (12 bits)	$06B2	Engine Torque (-1.5 sec)	7 [9]	Foot-pounds [Newton meters]
DID $32 Bytes 61,62 (12 bits)	$0691	Engine Torque (-2.0 sec)	-6 [-8]	Foot-pounds [Newton meters]
DID $32 Byte 63	$13	Engine Throttle, % Full (Throttle Position) (-0.5 sec)	19	% full throttle
DID $32 Byte 64	$15	Engine Throttle, % Full (Throttle Position) (-1.0 sec)	21	% full throttle
DID $32 Byte 65	$12	Engine Throttle, % Full (Throttle Position) (-1.5 sec)	18	% full throttle
DID $32 Byte 66	$0F	Engine Throttle, % Full (Throttle Position) (-2.0 sec)	15	% full throttle
DID $32 Byte 67	$10	Engine Throttle, % Full (Throttle Position)(-2.5 sec)	16	% full throttle
DID $32 Byte 68	$0E	Engine Throttle, % Full (Throttle Position) (-3.0 sec)	14	% full throttle
DID $32 Byte 69	$0D	Engine Throttle, % Full (Throttle Position) (-3.5 sec)	13	% full throttle
DID $32 Byte 70	$12	Engine Throttle, % Full (Throttle Position) (-4.0 sec)	18	% full throttle
DID $32 Byte 71	$1B	Engine Throttle, % Full (Throttle Position) (-4.5 sec)	27	% full throttle
DID $32 Byte 72	$1C	Engine Throttle, % Full (Throttle Position)(-5.0 sec)	28	% full throttle
DID $32 Byte 73	$1F	Speed, Vehicle Indicated (Vehicle Speed) (-0.5 sec)	19 [31]	MPH [km/h]
DID $32 Byte 74	$40	Speed, Vehicle Indicated (Vehicle Speed) (-1.0 sec)	40 [64]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 75	$2F	Speed, Vehicle Indicated (Vehicle Speed) (-1.5 sec)	29 [47]	MPH [km/h]
DID $32 Byte 76	$25	Speed, Vehicle Indicated (Vehicle Speed) (-2.0 sec)	23 [37]	MPH [km/h]
DID $32 Byte 77	$37	Speed, Vehicle Indicated (Vehicle Speed)(-2.5 sec)	34 [55]	MPH [km/h]
DID $32 Byte 78	$3A	Speed, Vehicle Indicated (Vehicle Speed) (-3.0 sec)	36 [58]	MPH [km/h]
DID $32 Byte 79	$33	Speed, Vehicle Indicated (Vehicle Speed) (-3.5 sec)	32 [51]	MPH [km/h]
DID $32 Byte 80	$6C	Speed, Vehicle Indicated (Vehicle Speed) (-4.0 sec)	67 [108]	MPH [km/h]
DID $32 Byte 81	$6D	Speed, Vehicle Indicated (Vehicle Speed) (-4.5 sec)	68 [109]	MPH [km/h]
DID $32 Byte 82	$6E	Speed, Vehicle Indicated (Vehicle Speed)(-5.0 sec)	68 [110]	MPH [km/h]
DID $32 Byte 83 bits 7-6	$40	Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	On	
DID $32 Byte 83 bits 5-4	$40	Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off	
DID $32 Bytes 84-85	$FFFD	SIR Warning Lamp ON/OFF Time Continuously	655330	seconds
DID $32 Bytes 86-87	$1759	Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	5977	
DID $32 Byte 88	$FD	Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253	
DID $32 Bytes 89-90	$0000	DTC number	N/A	
DID $32 Byte 91	$00	DTC fault type	N/A	
DID $32 Bytes 92-93	$0000	DTC number	N/A	
DID $32 Byte 94	$00	DTC fault type	N/A	
DID $32 Bytes 95-96	$0000	DTC number	N/A	
DID $32 Byte 97	$00	DTC fault type	N/A	
DID $32 Bytes 98-99	$0000	DTC number	N/A	
DID $32 Byte 100	$00	DTC fault type	N/A	
DID $32 Bytes 101-102	$0000	DTC number	N/A	
DID $32 Byte 103	$00	DTC fault type	N/A	
DID $32 Bytes 104-105	$0000	DTC number	N/A	
DID $32 Byte 106	$00	DTC fault type	N/A	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Bytes 107-108	$0000	DTC number	N/A	
DID $32 Byte 109	$00	DTC fault type	N/A	
DID $32 Bytes 110-111	$0000	DTC number	N/A	
DID $32 Byte 112	$00	DTC fault type	N/A	
DID $32 Bytes 113-114	$8052	DTC number	B0052	
DID $32 Byte 115	$00	DTC fault type	$00	
DID $32 Byte 116	$7E	Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event)	-1 [-1]	MPH [km/h]
DID $32 Byte 117	$62	Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)	196	msec
DID $32 Byte 118	$73	Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event)	-7 [-12]	MPH [km/h]
DID $32 Byte 119	$1A	Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)	52	msec
DID $32 Byte 120	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $32 Byte 121	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $32 Byte 122	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $32 Byte 123	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $32 Byte 124	$12	Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	18	msec
DID $32 Byte 125	$12	Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	18	msec
DID $32 Byte 126	$12	Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	18	msec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 127	$12	Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	18	msec
DID $32 Byte 128	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	0 [0]	MPH [km/h]
DID $32 Byte 129	$7D	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	-1.2 [-2]	MPH [km/h]
DID $32 Byte 130	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	0 [0]	MPH [km/h]
DID $32 Byte 131	$79	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	-3.7 [-6]	MPH [km/h]
DID $32 Byte 132	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 133	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	-6.2 [-10]	MPH [km/h]
DID $32 Byte 134	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 135	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 136	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 137	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	-7.5 [-12]	MPH [km/h]
DID $32 Byte 138	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	0 [0]	MPH [km/h]
DID $32 Byte 139	$73	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	-7.5 [-12]	MPH [km/h]
DID $32 Byte 140	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	0 [0]	MPH [km/h]
DID $32 Byte 141	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 142	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 143	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 144	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	-0.6 [-1]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 145	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 146	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 147	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 148	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 149	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	-6.2 [-10]	MPH [km/h]
DID $32 Byte 150	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 151	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	-6.2 [-10]	MPH [km/h]
DID $32 Byte 152	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 153	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 154	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 155	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 156	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 157	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	-6.2 [-10]	MPH [km/h]
DID $32 Byte 158	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 159	$75	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	-6.2 [-10]	MPH [km/h]
DID $32 Byte 160	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 161	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 162	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	-0.6 [-1]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 163	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 164	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 165	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 166	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 167	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 168	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 169	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 170	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 171	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 172	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 173	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 174	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 175	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 176	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 177	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 178	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 179	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 180	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	-0.6 [-1]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 181	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 182	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 183	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 184	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 185	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 186	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	-0.6 [-1]	MPH [km/h]
DID $32 Byte 187	$74	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	-6.8 [-11]	MPH [km/h]
DID $32 Byte 188	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (2 ms)	-0.2	G
DID $32 Byte 189	$78	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (2 ms)	-3.0	G
DID $32 Byte 190	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (4 ms)	0.2	G
DID $32 Byte 191	$74	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (4 ms)	-4.6	G
DID $32 Byte 192	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (6 ms)	-1.8	G
DID $32 Byte 193	$73	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (6 ms)	-5.0	G
DID $32 Byte 194	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (8 ms)	0.6	G
DID $32 Byte 195	$6D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (8 ms)	-7.4	G
DID $32 Byte 196	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (10 ms)	0.6	G
DID $32 Byte 197	$67	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (10 ms)	-9.8	G
DID $32 Byte 198	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (12 ms)	-1.8	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 199	$73	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (12 ms)	-5.0	G
DID $32 Byte 200	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (14 ms)	-0.6	G
DID $32 Byte 201	$5F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (14 ms)	-13.0	G
DID $32 Byte 202	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (16 ms)	-2.2	G
DID $32 Byte 203	$5D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (16 ms)	-13.8	G
DID $32 Byte 204	$70	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (18 ms)	-6.2	G
DID $32 Byte 205	$61	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (18 ms)	-12.2	G
DID $32 Byte 206	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (20 ms)	1.8	G
DID $32 Byte 207	$57	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (20 ms)	-16.2	G
DID $32 Byte 208	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (22 ms)	-1.0	G
DID $32 Byte 209	$5F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (22 ms)	-13.0	G
DID $32 Byte 210	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (24 ms)	-3.0	G
DID $32 Byte 211	$62	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (24 ms)	-11.8	G
DID $32 Byte 212	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (26 ms)	-2.2	G
DID $32 Byte 213	$5C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (26 ms)	-14.2	G
DID $32 Byte 214	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (28 ms)	1.8	G
DID $32 Byte 215	$63	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (28 ms)	-11.4	G
DID $32 Byte 216	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (30 ms)	-3.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 217	$6B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (30 ms)	-8.2	G
DID $32 Byte 218	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (32 ms)	-0.2	G
DID $32 Byte 219	$70	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (32 ms)	-6.2	G
DID $32 Byte 220	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (34 ms)	-2.2	G
DID $32 Byte 221	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (34 ms)	-1.8	G
DID $32 Byte 222	$86	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (36 ms)	2.6	G
DID $32 Byte 223	$77	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (36 ms)	-3.4	G
DID $32 Byte 224	$75	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (38 ms)	-4.2	G
DID $32 Byte 225	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (38 ms)	-1.8	G
DID $32 Byte 226	$86	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (40 ms)	2.6	G
DID $32 Byte 227	$7A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (40 ms)	-2.2	G
DID $32 Byte 228	$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (42 ms)	-3.8	G
DID $32 Byte 229	$79	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (42 ms)	-2.6	G
DID $32 Byte 230	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (44 ms)	-0.2	G
DID $32 Byte 231	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (44 ms)	-1.4	G
DID $32 Byte 232	$83	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (46 ms)	1.4	G
DID $32 Byte 233	$76	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (46 ms)	-3.8	G
DID $32 Byte 234	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (48 ms)	0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 235	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (48 ms)	-1.8	G
DID $32 Byte 236	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (50 ms)	0.6	G
DID $32 Byte 237	$79	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (50 ms)	-2.6	G
DID $32 Byte 238	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (52 ms)	-1.4	G
DID $32 Byte 239	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (52 ms)	-1.0	G
DID $32 Byte 240	$86	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (54 ms)	2.6	G
DID $32 Byte 241	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (54 ms)	1.0	G
DID $32 Byte 242	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (56 ms)	-1.4	G
DID $32 Byte 243	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (56 ms)	1.0	G
DID $32 Byte 244	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (58 ms)	0.6	G
DID $32 Byte 245	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (58 ms)	-0.2	G
DID $32 Byte 246	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (60 ms)	-0.2	G
DID $32 Byte 247	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (60 ms)	0.2	G
DID $32 Byte 248	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (62 ms)	-0.2	G
DID $32 Byte 249	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (62 ms)	0.6	G
DID $32 Byte 250	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (64 ms)	0.6	G
DID $32 Byte 251	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (64 ms)	0.6	G
DID $32 Byte 252	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (66 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 253	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (66 ms)	0.6	G
DID $32 Byte 254	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (68 ms)	-0.2	G
DID $32 Byte 255	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (68 ms)	0.6	G
DID $32 Byte 256	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (70 ms)	-0.2	G
DID $32 Byte 257	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (70 ms)	-0.2	G
DID $32 Byte 258	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (72 ms)	-0.2	G
DID $32 Byte 259	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (72 ms)	0.6	G
DID $32 Byte 260	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (74 ms)	-0.6	G
DID $32 Byte 261	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (74 ms)	0.2	G
DID $32 Byte 262	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (76 ms)	-0.2	G
DID $32 Byte 263	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (76 ms)	1.0	G
DID $32 Byte 264	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (78 ms)	-0.6	G
DID $32 Byte 265	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (78 ms)	1.4	G
DID $32 Byte 266	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (80 ms)	-0.2	G
DID $32 Byte 267	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (80 ms)	1.4	G
DID $32 Byte 268	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (82 ms)	-1.4	G
DID $32 Byte 269	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (82 ms)	1.0	G
DID $32 Byte 270	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (84 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 271	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (84 ms)	1.0	G
DID $32 Byte 272	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (86 ms)	-0.6	G
DID $32 Byte 273	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (86 ms)	0.2	G
DID $32 Byte 274	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (88 ms)	-0.6	G
DID $32 Byte 275	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (88 ms)	0.2	G
DID $32 Byte 276	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (90 ms)	-0.2	G
DID $32 Byte 277	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (90 ms)	-0.2	G
DID $32 Byte 278	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (92 ms)	-0.6	G
DID $32 Byte 279	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (92 ms)	-0.2	G
DID $32 Byte 280	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (94 ms)	-0.6	G
DID $32 Byte 281	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (94 ms)	-0.2	G
DID $32 Byte 282	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (96 ms)	-0.2	G
DID $32 Byte 283	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (96 ms)	-0.6	G
DID $32 Byte 284	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (98 ms)	-0.2	G
DID $32 Byte 285	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (98 ms)	-0.2	G
DID $32 Byte 286	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (100 ms)	-0.2	G
DID $32 Byte 287	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (100 ms)	-0.2	G
DID $32 Byte 288	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (102 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 289	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (102 ms)	0.2	G
DID $32 Byte 290	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (104 ms)	-0.6	G
DID $32 Byte 291	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (104 ms)	0.2	G
DID $32 Byte 292	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (106 ms)	-0.6	G
DID $32 Byte 293	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (106 ms)	0.2	G
DID $32 Byte 294	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (108 ms)	-0.2	G
DID $32 Byte 295	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (108 ms)	0.2	G
DID $32 Byte 296	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (110 ms)	-0.2	G
DID $32 Byte 297	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (110 ms)	0.2	G
DID $32 Byte 298	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (112 ms)	-0.2	G
DID $32 Byte 299	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (112 ms)	-0.2	G
DID $32 Byte 300	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (114 ms)	-0.6	G
DID $32 Byte 301	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (114 ms)	-0.2	G
DID $32 Byte 302	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (116 ms)	-0.6	G
DID $32 Byte 303	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (116 ms)	-0.2	G
DID $32 Byte 304	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (118 ms)	-0.2	G
DID $32 Byte 305	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (118 ms)	0.2	G
DID $32 Byte 306	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (120 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 307	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (120 ms)	0.2	G
DID $32 Byte 308	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (122 ms)	-0.2	G
DID $32 Byte 309	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (122 ms)	-0.2	G
DID $32 Byte 310	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (124 ms)	0.2	G
DID $32 Byte 311	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (124 ms)	-0.2	G
DID $32 Byte 312	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (126 ms)	-0.2	G
DID $32 Byte 313	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (126 ms)	-0.6	G
DID $32 Byte 314	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (128 ms)	-0.2	G
DID $32 Byte 315	$7A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (128 ms)	-2.2	G
DID $32 Byte 316	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (130 ms)	-0.6	G
DID $32 Byte 317	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (130 ms)	-1.8	G
DID $32 Byte 318	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (132 ms)	-1.0	G
DID $32 Byte 319	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (132 ms)	-1.8	G
DID $32 Byte 320	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (134 ms)	-0.2	G
DID $32 Byte 321	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (134 ms)	-0.6	G
DID $32 Byte 322	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (136 ms)	-0.6	G
DID $32 Byte 323	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (136 ms)	-0.6	G
DID $32 Byte 324	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (138 ms)	0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 325	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (138 ms)	0.2	G
DID $32 Byte 326	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (140 ms)	-0.2	G
DID $32 Byte 327	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (140 ms)	-0.2	G
DID $32 Byte 328	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (142 ms)	0.2	G
DID $32 Byte 329	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (142 ms)	1.0	G
DID $32 Byte 330	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (144 ms)	-0.2	G
DID $32 Byte 331	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (144 ms)	0.6	G
DID $32 Byte 332	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (146 ms)	-0.2	G
DID $32 Byte 333	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (146 ms)	0.2	G
DID $32 Byte 334	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (148 ms)	-0.6	G
DID $32 Byte 335	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (148 ms)	0.2	G
DID $32 Byte 336	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (150 ms)	0.2	G
DID $32 Byte 337	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (150 ms)	0.6	G
DID $32 Byte 338	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (152 ms)	0.2	G
DID $32 Byte 339	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (152 ms)	0.6	G
DID $32 Byte 340	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (154 ms)	-0.2	G
DID $32 Byte 341	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (154 ms)	0.2	G
DID $32 Byte 342	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (156 ms)	0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 343	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (156 ms)	-0.2	G
DID $32 Byte 344	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (158 ms)	0.6	G
DID $32 Byte 345	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (158 ms)	-0.2	G
DID $32 Byte 346	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (160 ms)	-0.2	G
DID $32 Byte 347	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (160 ms)	-0.6	G
DID $32 Byte 348	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (162 ms)	0.2	G
DID $32 Byte 349	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (162 ms)	-0.6	G
DID $32 Byte 350	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (164 ms)	-0.2	G
DID $32 Byte 351	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (164 ms)	-1.0	G
DID $32 Byte 352	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (166 ms)	-0.2	G
DID $32 Byte 353	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (166 ms)	-0.2	G
DID $32 Byte 354	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (168 ms)	-0.2	G
DID $32 Byte 355	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (168 ms)	-0.2	G
DID $32 Byte 356	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (170 ms)	-0.2	G
DID $32 Byte 357	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (170 ms)	-0.2	G
DID $32 Byte 358	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (172 ms)	-0.2	G
DID $32 Byte 359	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (172 ms)	-0.2	G
DID $32 Byte 360	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (174 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 361	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (174 ms)	-0.2	G
DID $32 Byte 362	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (176 ms)	-0.2	G
DID $32 Byte 363	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (176 ms)	-0.2	G
DID $32 Byte 364	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (178 ms)	-0.6	G
DID $32 Byte 365	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (178 ms)	-0.2	G
DID $32 Byte 366	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (180 ms)	-0.2	G
DID $32 Byte 367	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (180 ms)	-0.6	G
DID $32 Byte 368	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (182 ms)	-0.2	G
DID $32 Byte 369	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (182 ms)	-0.6	G
DID $32 Byte 370	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (184 ms)	-0.2	G
DID $32 Byte 371	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (184 ms)	-0.6	G
DID $32 Byte 372	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (186 ms)	-0.2	G
DID $32 Byte 373	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (186 ms)	-0.6	G
DID $32 Byte 374	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (188 ms)	-0.6	G
DID $32 Byte 375	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (188 ms)	-0.6	G
DID $32 Byte 376	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (190 ms)	-0.6	G
DID $32 Byte 377	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (190 ms)	-0.2	G
DID $32 Byte 378	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (192 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 379	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (192 ms)	-0.2	G
DID $32 Byte 380	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (194 ms)	-0.2	G
DID $32 Byte 381	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (194 ms)	-0.2	G
DID $32 Byte 382	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (196 ms)	-0.2	G
DID $32 Byte 383	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (196 ms)	-0.2	G
DID $32 Byte 384	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (198 ms)	-0.2	G
DID $32 Byte 385	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (198 ms)	-0.2	G
DID $32 Byte 386	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (200 ms)	-0.2	G
DID $32 Byte 387	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (200 ms)	-0.2	G
DID $32 Byte 388	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (202 ms)	-0.2	G
DID $32 Byte 389	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (202 ms)	-0.2	G
DID $32 Byte 390	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (204 ms)	-0.2	G
DID $32 Byte 391	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (204 ms)	-0.2	G
DID $32 Byte 392	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (206 ms)	-0.2	G
DID $32 Byte 393	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (206 ms)	-0.2	G
DID $32 Byte 394	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (208 ms)	-0.2	G
DID $32 Byte 395	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (208 ms)	-0.2	G
DID $32 Byte 396	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (210 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 397	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (210 ms)	-0.2	G
DID $32 Byte 398	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (212 ms)	-0.2	G
DID $32 Byte 399	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (212 ms)	-0.2	G
DID $32 Byte 400	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (214 ms)	-0.2	G
DID $32 Byte 401	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (214 ms)	-0.2	G
DID $32 Byte 402	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (216 ms)	-0.2	G
DID $32 Byte 403	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (216 ms)	-0.2	G
DID $32 Byte 404	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (218 ms)	-0.2	G
DID $32 Byte 405	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (218 ms)	-0.2	G
DID $32 Byte 406	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (220 ms)	-0.2	G
DID $32 Byte 407	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (220 ms)	-0.2	G
DID $32 Byte 408	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (222 ms)	-0.2	G
DID $32 Byte 409	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (222 ms)	-0.2	G
DID $32 Byte 410	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (224 ms)	-0.2	G
DID $32 Byte 411	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (224 ms)	-0.2	G
DID $32 Byte 412	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (226 ms)	-0.2	G
DID $32 Byte 413	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (226 ms)	-0.2	G
DID $32 Byte 414	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (228 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 415	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (228 ms)	-0.2	G
DID $32 Byte 416	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (230 ms)	-0.2	G
DID $32 Byte 417	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (230 ms)	-0.2	G
DID $32 Byte 418	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (232 ms)	-0.2	G
DID $32 Byte 419	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (232 ms)	-0.2	G
DID $32 Byte 420	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (234 ms)	-0.2	G
DID $32 Byte 421	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (234 ms)	-0.2	G
DID $32 Byte 422	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (236 ms)	-0.2	G
DID $32 Byte 423	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (236 ms)	-0.2	G
DID $32 Byte 424	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (238 ms)	-0.2	G
DID $32 Byte 425	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (238 ms)	-0.2	G
DID $32 Byte 426	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (240 ms)	-0.2	G
DID $32 Byte 427	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (240 ms)	-0.2	G
DID $32 Byte 428	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (242 ms)	-0.2	G
DID $32 Byte 429	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (242 ms)	-0.2	G
DID $32 Byte 430	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (244 ms)	-0.2	G
DID $32 Byte 431	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (244 ms)	-0.2	G
DID $32 Byte 432	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (246 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 433	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (246 ms)	-0.2	G
DID $32 Byte 434	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (248 ms)	-0.2	G
DID $32 Byte 435	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (248 ms)	-0.2	G
DID $32 Byte 436	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (250 ms)	-0.2	G
DID $32 Byte 437	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (250 ms)	-0.2	G
DID $32 Byte 438	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (252 ms)	-0.2	G
DID $32 Byte 439	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (252 ms)	-0.2	G
DID $32 Byte 440	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (254 ms)	-0.2	G
DID $32 Byte 441	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (254 ms)	-0.2	G
DID $32 Byte 442	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (256 ms)	-0.2	G
DID $32 Byte 443	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (256 ms)	-0.2	G
DID $32 Byte 444	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (258 ms)	-0.2	G
DID $32 Byte 445	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (258 ms)	-0.2	G
DID $32 Byte 446	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (260 ms)	-0.2	G
DID $32 Byte 447	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (260 ms)	-0.2	G
DID $32 Byte 448	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (262 ms)	-0.2	G
DID $32 Byte 449	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (262 ms)	-0.2	G
DID $32 Byte 450	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (264 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 451	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (264ms)	-0.2	G
DID $32 Byte 452	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (266 ms)	-0.2	G
DID $32 Byte 453	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (266 ms)	-0.2	G
DID $32 Byte 454	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (268 ms)	-0.2	G
DID $32 Byte 455	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (268 ms)	-0.2	G
DID $32 Byte 456	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (270 ms)	-0.2	G
DID $32 Byte 457	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (270 ms)	-0.2	G
DID $32 Byte 458	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (272 ms)	-0.2	G
DID $32 Byte 459	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (272 ms)	-0.2	G
DID $32 Byte 460	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (274 ms)	-0.2	G
DID $32 Byte 461	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (274 ms)	-0.2	G
DID $32 Byte 462	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (276 ms)	-0.2	G
DID $32 Byte 463	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (276 ms)	-0.2	G
DID $32 Byte 464	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (278 ms)	-0.2	G
DID $32 Byte 465	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (278 ms)	-0.2	G
DID $32 Byte 466	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (280 ms)	-0.2	G
DID $32 Byte 467	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (280 ms)	-0.2	G
DID $32 Byte 468	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (282 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 469	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (282 ms)	-0.2	G
DID $32 Byte 470	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (284 ms)	-0.2	G
DID $32 Byte 471	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (284 ms)	-0.2	G
DID $32 Byte 472	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (286 ms)	-0.2	G
DID $32 Byte 473	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (286 ms)	-0.2	G
DID $32 Byte 474	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (288 ms)	-0.2	G
DID $32 Byte 475	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (288 ms)	-0.2	G
DID $32 Byte 476	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (290 ms)	-0.2	G
DID $32 Byte 477	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (290ms)	-0.2	G
DID $32 Byte 478	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (292 ms)	-0.2	G
DID $32 Byte 479	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (292 ms)	-0.2	G
DID $32 Byte 480	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (294 ms)	-0.2	G
DID $32 Byte 481	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (294 ms)	-0.2	G
DID $32 Byte 482	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (296 ms)	-0.2	G
DID $32 Byte 483	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (296 ms)	-0.2	G
DID $32 Byte 484	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (298 ms)	-0.2	G
DID $32 Byte 485	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (298 ms)	-0.2	G
DID $32 Byte 486	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (300 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 487	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (300 ms)	-0.2	G
DID $32 Byte 488	$FF	SDM Recorded Vehicle Roll Rate (-700 ms)	Data Not Available	deg/sec
DID $32 Byte 489	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $32 Byte 490	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $32 Byte 491	$FF	SDM Recorded Vehicle Roll Rate (-690 ms)	Data Not Available	deg/sec
DID $32 Byte 492	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $32 Byte 493	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $32 Byte 494	$FF	SDM Recorded Vehicle Roll Rate (-680 ms)	Data Not Available	deg/sec
DID $32 Byte 495	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $32 Byte 496	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $32 Byte 497	$FF	SDM Recorded Vehicle Roll Rate (-670 ms)	Data Not Available	deg/sec
DID $32 Byte 498	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $32 Byte 499	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $32 Byte 500	$FF	SDM Recorded Vehicle Roll Rate (-660 ms)	Data Not Available	deg/sec
DID $32 Byte 501	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID $32 Byte 502	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID $32 Byte 503	$FF	SDM Recorded Vehicle Roll Rate (-650 ms)	Data Not Available	deg/sec
DID $32 Byte 504	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-650 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 505	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID $32 Byte 506	$FF	SDM Recorded Vehicle Roll Rate (-640 ms)	Data Not Available	deg/sec
DID $32 Byte 507	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $32 Byte 508	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $32 Byte 509	$FF	SDM Recorded Vehicle Roll Rate (-630 ms)	Data Not Available	deg/sec
DID $32 Byte 510	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $32 Byte 511	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $32 Byte 512	$FF	SDM Recorded Vehicle Roll Rate (-620 ms)	Data Not Available	deg/sec
DID $32 Byte 513	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $32 Byte 514	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $32 Byte 515	$FF	SDM Recorded Vehicle Roll Rate (-610 ms)	Data Not Available	deg/sec
DID $32 Byte 516	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $32 Byte 517	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $32 Byte 518	$FF	SDM Recorded Vehicle Roll Rate (-600 ms)	Data Not Available	deg/sec
DID $32 Byte 519	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID $32 Byte 520	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID $32 Byte 521	$FF	SDM Recorded Vehicle Roll Rate (-590 ms)	Data Not Available	deg/sec
DID $32 Byte 522	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-590 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 523	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID $32 Byte 524	$FF	SDM Recorded Vehicle Roll Rate (-580 ms)	Data Not Available	deg/sec
DID $32 Byte 525	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $32 Byte 526	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $32 Byte 527	$FF	SDM Recorded Vehicle Roll Rate (-570 ms)	Data Not Available	deg/sec
DID $32 Byte 528	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $32 Byte 529	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $32 Byte 530	$FF	SDM Recorded Vehicle Roll Rate (-560 ms)	Data Not Available	deg/sec
DID $32 Byte 531	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $32 Byte 532	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $32 Byte 533	$FF	SDM Recorded Vehicle Roll Rate (-550 ms)	Data Not Available	deg/sec
DID $32 Byte 534	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $32 Byte 535	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $32 Byte 536	$FF	SDM Recorded Vehicle Roll Rate (-540 ms)	Data Not Available	deg/sec
DID $32 Byte 537	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID $32 Byte 538	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID $32 Byte 539	$FF	SDM Recorded Vehicle Roll Rate (-530 ms)	Data Not Available	deg/sec
DID $32 Byte 540	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-530 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 541	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID $32 Byte 542	$FF	SDM Recorded Vehicle Roll Rate (-520 ms)	Data Not Available	deg/sec
DID $32 Byte 543	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $32 Byte 544	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $32 Byte 545	$FF	SDM Recorded Vehicle Roll Rate (-510 ms)	Data Not Available	deg/sec
DID $32 Byte 546	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $32 Byte 547	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $32 Byte 548	$FF	SDM Recorded Vehicle Roll Rate (-500 ms)	Data Not Available	deg/sec
DID $32 Byte 549	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $32 Byte 550	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $32 Byte 551	$FF	SDM Recorded Vehicle Roll Rate (-490 ms)	Data Not Available	deg/sec
DID $32 Byte 552	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $32 Byte 553	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $32 Byte 554	$FF	SDM Recorded Vehicle Roll Rate (-480 ms)	Data Not Available	deg/sec
DID $32 Byte 555	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID $32 Byte 556	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID $32 Byte 557	$FF	SDM Recorded Vehicle Roll Rate (-470 ms)	Data Not Available	deg/sec
DID $32 Byte 558	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-470 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 559	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID $32 Byte 560	$FF	SDM Recorded Vehicle Roll Rate (-460 ms)	Data Not Available	deg/sec
DID $32 Byte 561	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $32 Byte 562	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $32 Byte 563	$FF	SDM Recorded Vehicle Roll Rate (-450 ms)	Data Not Available	deg/sec
DID $32 Byte 564	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $32 Byte 565	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $32 Byte 566	$FF	SDM Recorded Vehicle Roll Rate (-440 ms)	Data Not Available	deg/sec
DID $32 Byte 567	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $32 Byte 568	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $32 Byte 569	$FF	SDM Recorded Vehicle Roll Rate (-430 ms)	Data Not Available	deg/sec
DID $32 Byte 570	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $32 Byte 571	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $32 Byte 572	$FF	SDM Recorded Vehicle Roll Rate (-420 ms)	Data Not Available	deg/sec
DID $32 Byte 573	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID $32 Byte 574	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID $32 Byte 575	$FF	SDM Recorded Vehicle Roll Rate (-410 ms)	Data Not Available	deg/sec
DID $32 Byte 576	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-410 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 577	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID $32 Byte 578	$FF	SDM Recorded Vehicle Roll Rate (-400 ms)	Data Not Available	deg/sec
DID $32 Byte 579	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $32 Byte 580	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $32 Byte 581	$FF	SDM Recorded Vehicle Roll Rate (-390 ms)	Data Not Available	deg/sec
DID $32 Byte 582	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $32 Byte 583	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $32 Byte 584	$FF	SDM Recorded Vehicle Roll Rate (-380 ms)	Data Not Available	deg/sec
DID $32 Byte 585	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $32 Byte 586	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $32 Byte 587	$FF	SDM Recorded Vehicle Roll Rate (-370 ms)	Data Not Available	deg/sec
DID $32 Byte 588	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $32 Byte 589	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $32 Byte 590	$FF	SDM Recorded Vehicle Roll Rate (-360 ms)	Data Not Available	deg/sec
DID $32 Byte 591	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID $32 Byte 592	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID $32 Byte 593	$FF	SDM Recorded Vehicle Roll Rate (-350 ms)	Data Not Available	deg/sec
DID $32 Byte 594	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-350 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 595	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID $32 Byte 596	$FF	SDM Recorded Vehicle Roll Rate (-340 ms)	Data Not Available	deg/sec
DID $32 Byte 597	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $32 Byte 598	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $32 Byte 599	$FF	SDM Recorded Vehicle Roll Rate (-330 ms)	Data Not Available	deg/sec
DID $32 Byte 600	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $32 Byte 601	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $32 Byte 602	$FF	SDM Recorded Vehicle Roll Rate (-320 ms)	Data Not Available	deg/sec
DID $32 Byte 603	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $32 Byte 604	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $32 Byte 605	$FF	SDM Recorded Vehicle Roll Rate (-310 ms)	Data Not Available	deg/sec
DID $32 Byte 606	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $32 Byte 607	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $32 Byte 608	$FF	SDM Recorded Vehicle Roll Rate (-300 ms)	Data Not Available	deg/sec
DID $32 Byte 609	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID $32 Byte 610	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID $32 Byte 611	$FF	SDM Recorded Vehicle Roll Rate (-290 ms)	Data Not Available	deg/sec
DID $32 Byte 612	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-290 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 613	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID $32 Byte 614	$FF	SDM Recorded Vehicle Roll Rate (-280 ms)	Data Not Available	deg/sec
DID $32 Byte 615	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $32 Byte 616	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $32 Byte 617	$FF	SDM Recorded Vehicle Roll Rate (-270 ms)	Data Not Available	deg/sec
DID $32 Byte 618	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $32 Byte 619	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $32 Byte 620	$FF	SDM Recorded Vehicle Roll Rate (-260 ms)	Data Not Available	deg/sec
DID $32 Byte 621	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $32 Byte 622	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $32 Byte 623	$FF	SDM Recorded Vehicle Roll Rate (-250 ms)	Data Not Available	deg/sec
DID $32 Byte 624	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $32 Byte 625	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $32 Byte 626	$FF	SDM Recorded Vehicle Roll Rate (-240 ms)	Data Not Available	deg/sec
DID $32 Byte 627	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID $32 Byte 628	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID $32 Byte 629	$FF	SDM Recorded Vehicle Roll Rate (-230 ms)	Data Not Available	deg/sec
DID $32 Byte 630	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-230 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 631	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID $32 Byte 632	$FF	SDM Recorded Vehicle Roll Rate (-220 ms)	Data Not Available	deg/sec
DID $32 Byte 633	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $32 Byte 634	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $32 Byte 635	$FF	SDM Recorded Vehicle Roll Rate (-210 ms)	Data Not Available	deg/sec
DID $32 Byte 636	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $32 Byte 637	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $32 Byte 638	$FF	SDM Recorded Vehicle Roll Rate (-200 ms)	Data Not Available	deg/sec
DID $32 Byte 639	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $32 Byte 640	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $32 Byte 641	$FF	SDM Recorded Vehicle Roll Rate (-190 ms)	Data Not Available	deg/sec
DID $32 Byte 642	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $32 Byte 643	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $32 Byte 644	$FF	SDM Recorded Vehicle Roll Rate (-180 ms)	Data Not Available	deg/sec
DID $32 Byte 645	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID $32 Byte 646	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID $32 Byte 647	$FF	SDM Recorded Vehicle Roll Rate (-170 ms)	Data Not Available	deg/sec
DID $32 Byte 648	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-170 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 649	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID $32 Byte 650	$FF	SDM Recorded Vehicle Roll Rate (-160 ms)	Data Not Available	deg/sec
DID $32 Byte 651	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $32 Byte 652	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $32 Byte 653	$FF	SDM Recorded Vehicle Roll Rate (-150 ms)	Data Not Available	deg/sec
DID $32 Byte 654	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $32 Byte 655	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $32 Byte 656	$FF	SDM Recorded Vehicle Roll Rate (-140 ms)	Data Not Available	deg/sec
DID $32 Byte 657	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $32 Byte 658	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $32 Byte 659	$FF	SDM Recorded Vehicle Roll Rate (-130 ms)	Data Not Available	deg/sec
DID $32 Byte 660	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $32 Byte 661	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $32 Byte 662	$FF	SDM Recorded Vehicle Roll Rate (-120 ms)	Data Not Available	deg/sec
DID $32 Byte 663	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID $32 Byte 664	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID $32 Byte 665	$FF	SDM Recorded Vehicle Roll Rate (-110 ms)	Data Not Available	deg/sec
DID $32 Byte 666	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-110 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 667	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID $32 Byte 668	$FF	SDM Recorded Vehicle Roll Rate (-100 ms)	Data Not Available	deg/sec
DID $32 Byte 669	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $32 Byte 670	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $32 Byte 671	$FF	SDM Recorded Vehicle Roll Rate (-90 ms)	Data Not Available	deg/sec
DID $32 Byte 672	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $32 Byte 673	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $32 Byte 674	$FF	SDM Recorded Vehicle Roll Rate (-80 ms)	Data Not Available	deg/sec
DID $32 Byte 675	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $32 Byte 676	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $32 Byte 677	$FF	SDM Recorded Vehicle Roll Rate (-70 ms)	Data Not Available	deg/sec
DID $32 Byte 678	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $32 Byte 679	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $32 Byte 680	$FF	SDM Recorded Vehicle Roll Rate (-60 ms)	Data Not Available	deg/sec
DID $32 Byte 681	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID $32 Byte 682	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID $32 Byte 683	$FF	SDM Recorded Vehicle Roll Rate (-50 ms)	Data Not Available	deg/sec
DID $32 Byte 684	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-50 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 685	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID $32 Byte 686	$FF	SDM Recorded Vehicle Roll Rate (-40 ms)	Data Not Available	deg/sec
DID $32 Byte 687	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $32 Byte 688	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $32 Byte 689	$FF	SDM Recorded Vehicle Roll Rate (-30 ms)	Data Not Available	deg/sec
DID $32 Byte 690	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $32 Byte 691	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $32 Byte 692	$FF	SDM Recorded Vehicle Roll Rate (-20 ms)	Data Not Available	deg/sec
DID $32 Byte 693	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $32 Byte 694	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $32 Byte 695	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $32 Byte 696	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $32 Byte 697	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $32 Byte 698	$FF	SDM Recorded Vehicle Roll Rate (0 ms)	Data Not Available	deg/sec
DID $32 Byte 699	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID $32 Byte 700	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID $32 Byte 701	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $32 Byte 702	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 703	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $32 Byte 704	$FF	SDM Recorded Vehicle Roll Rate (20 ms)	Data Not Available	deg/sec
DID $32 Byte 705	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $32 Byte 706	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $32 Byte 707	$FF	SDM Recorded Vehicle Roll Rate (30 ms)	Data Not Available	deg/sec
DID $32 Byte 708	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $32 Byte 709	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $32 Byte 710	$FF	SDM Recorded Vehicle Roll Rate (40 ms)	Data Not Available	deg/sec
DID $32 Byte 711	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $32 Byte 712	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $32 Byte 713	$FF	SDM Recorded Vehicle Roll Rate (50 ms)	Data Not Available	deg/sec
DID $32 Byte 714	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $32 Byte 715	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $32 Byte 716	$FF	SDM Recorded Vehicle Roll Rate (60 ms)	Data Not Available	deg/sec
DID $32 Byte 717	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID $32 Byte 718	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID $32 Byte 719	$FF	SDM Recorded Vehicle Roll Rate (70 ms)	Data Not Available	deg/sec
DID $32 Byte 720	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (70 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 721	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID $32 Byte 722	$FF	SDM Recorded Vehicle Roll Rate (80 ms)	Data Not Available	deg/sec
DID $32 Byte 723	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $32 Byte 724	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $32 Byte 725	$FF	SDM Recorded Vehicle Roll Rate (90 ms)	Data Not Available	deg/sec
DID $32 Byte 726	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $32 Byte 727	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $32 Byte 728	$FF	SDM Recorded Vehicle Roll Rate (100 ms)	Data Not Available	deg/sec
DID $32 Byte 729	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $32 Byte 730	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $32 Byte 731	$FF	SDM Recorded Vehicle Roll Rate (110 ms)	Data Not Available	deg/sec
DID $32 Byte 732	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $32 Byte 733	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $32 Byte 734	$FF	SDM Recorded Vehicle Roll Rate (120 ms)	Data Not Available	deg/sec
DID $32 Byte 735	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID $32 Byte 736	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID $32 Byte 737	$FF	SDM Recorded Vehicle Roll Rate (130 ms)	Data Not Available	deg/sec
DID $32 Byte 738	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (130 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 739	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID $32 Byte 740	$FF	SDM Recorded Vehicle Roll Rate (140 ms)	Data Not Available	deg/sec
DID $32 Byte 741	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $32 Byte 742	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $32 Byte 743	$FF	SDM Recorded Vehicle Roll Rate (150 ms)	Data Not Available	deg/sec
DID $32 Byte 744	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $32 Byte 745	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $32 Byte 746	$FF	SDM Recorded Vehicle Roll Rate (160 ms)	Data Not Available	deg/sec
DID $32 Byte 747	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $32 Byte 748	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $32 Byte 749	$FF	SDM Recorded Vehicle Roll Rate (170 ms)	Data Not Available	deg/sec
DID $32 Byte 750	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $32 Byte 751	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $32 Byte 752	$FF	SDM Recorded Vehicle Roll Rate (180 ms)	Data Not Available	deg/sec
DID $32 Byte 753	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID $32 Byte 754	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID $32 Byte 755	$FF	SDM Recorded Vehicle Roll Rate (190 ms)	Data Not Available	deg/sec
DID $32 Byte 756	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (190 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 757	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID $32 Byte 758	$FF	SDM Recorded Vehicle Roll Rate (200 ms)	Data Not Available	deg/sec
DID $32 Byte 759	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $32 Byte 760	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $32 Byte 761	$FF	SDM Recorded Vehicle Roll Rate (210 ms)	Data Not Available	deg/sec
DID $32 Byte 762	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $32 Byte 763	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $32 Byte 764	$FF	SDM Recorded Vehicle Roll Rate (220 ms)	Data Not Available	deg/sec
DID $32 Byte 765	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $32 Byte 766	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $32 Byte 767	$FF	SDM Recorded Vehicle Roll Rate (230 ms)	Data Not Available	77
DID $32 Byte 768	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $32 Byte 769	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $32 Byte 770	$FF	SDM Recorded Vehicle Roll Rate (240 ms)	Data Not Available	deg/sec
DID $32 Byte 771	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID $32 Byte 772	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID $32 Byte 773	$FF	SDM Recorded Vehicle Roll Rate (250 ms)	Data Not Available	deg/sec
DID $32 Byte 774	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (250 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $32 Byte 775	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID $32 Byte 776	$FF	SDM Recorded Vehicle Roll Rate (260 ms)	Data Not Available	deg/sec
DID $32 Byte 777	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $32 Byte 778	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $32 Byte 779	$FF	SDM Recorded Vehicle Roll Rate (270 ms)	Data Not Available	deg/sec
DID $32 Byte 780	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $32 Byte 781	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $32 Byte 782	$FF	SDM Recorded Vehicle Roll Rate (280 ms)	Data Not Available	deg/sec
DID $32 Byte 783	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $32 Byte 784	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $32 Byte 785	$FF	SDM Recorded Vehicle Roll Rate (290 ms)	Data Not Available	deg/sec
DID $32 Byte 786	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (290 ms)	Data Not Available	G
DID $32 Byte 787	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (290 ms)	Data Not Available	G

Event Record #3 Data

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 0	$A5	Complete File Recorded (Event Recording Complete)	Yes	
DID $33 Byte 1, bit 7	$F0	Event Record Type	Deployment	
DID $33 Byte 1, bit 6	$F0	Crash Record Locked	Yes	
DID $33 Byte 1, bit 5	$F0	OnStar Deployment Status Data Sent	Yes	
DID $33 Byte 1, bit 4	$F0	OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes	
DID $33 Byte 2	$02	Deployment Event Counter	2	counts
DID $33 Bytes 3-4	$0003	Multi-Event, Number of Events (Event Counter)	3	counts
DID $33 Byte 5	$02	OnStar Notification Event Counter	2	counts
DID $33 Byte 6, bit 3	$07	Algorithm Active: Rear	No	
DID $33 Byte 6, bit 2	$07	Algorithm Active: Rollover	Yes	
DID $33 Byte 6, bit 1	$07	Algorithm Active: Side	Yes	
DID $33 Byte 6, bit 0	$07	Algorithm Active: Frontal	Yes	
DID $33 Bytes 7-8	$182A	Ignition Cycle, Crash (Ignition Cycles at Event)	6186	counts
DID $33 Bytes 9-10	$0156	Time From Event 1 to 2 (Time Between Events)	3.42	seconds
DID $33 Byte 11 bit 0	$00	Concurrent Event Flag Set	No	
DID $33 Byte 14, bit 7	$12	Event Severity Status: Rollover	No	
DID $33 Byte 14, bit 6	$12	Event Severity Status: Rear	No	
DID $33 Byte 14, bit 5	$12	Event Severity Status: Right Side	No	
DID $33 Byte 14, bit 4	$12	Event Severity Status: Left Side	Yes	
DID $33 Byte 14, bit 3	$12	Event Severity Status: Frontal Stage 2	No	
DID $33 Byte 14, bit 2	$12	Event Severity Status: Frontal Stage 1	No	
DID $33 Byte 14, bit 1	$12	Event Severity Status: Frontal Pretensioner	Yes	
DID $33 Byte 15 bit 7	$03	Driver 1st Stage Deployment Loop Commanded	No	
DID $33 Byte 15 bit 6	$03	Passenger 1st Stage Deployment Loop Commanded	No	
DID $33 Byte 15 bit 5	$03	Driver 2nd Stage Deployment Loop Commanded	No	
DID $33 Byte 15 bit 3	$03	Passenger 2nd Stage Deployment Loop Commanded	No	
DID $33 Byte 15 bit 1	$03	Driver Pretensioner Deployment Loop #1 Commanded	Yes	
DID $33 Byte 15 bit 0	$03	Passenger Pretensioner Deployment Loop #1 Commanded	Yes	
DID $33 Byte 16 bit 7	$E3	Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	Yes	
DID $33 Byte 16 bit 6	$E3	Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	Yes	
DID $33 Byte 16 bit 5	$E3	Driver Thorax Loop Commanded (If Equipped)	Yes	
DID $33 Byte 16 bit 4	$E3	Passenger Thorax Loop Commanded (If Equipped)	No	
DID $33 Byte 16 bit 3	$E3	Left Row 2 Thorax Loop Commanded (If Equipped)	No	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 16 bit 2	$E3	Right Row 2 Thorax Loop Commanded (If Equipped)	No	
DID $33 Byte 16 bit 1	$E3	Left Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	Yes	
DID $33 Byte 16 bit 0	$E3	Right Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	Yes	
DID $33 Byte 17 bit 7	$00	Left Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $33 Byte 17 bit 6	$00	Right Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $33 Byte 17 bit 5	$00	Left Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $33 Byte 17 bit 4	$00	Right Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID $33 Byte 17 bit 3	$00	Driver Knee Deployment Loop Commanded (If Equipped)	No	
DID $33 Byte 17 bit 2	$00	Passenger Knee Deployment Loop Commanded (If Equipped)	No	
DID $33 Byte 17 bit 1	$00	Left Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $33 Byte 17 bit 0	$00	Right Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $33 Byte 18 bit 7	$00	Center Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID $33 Byte 18 bit 6	$00	Battery Cutoff Loop Commanded (If Equipped)	No	
DID $33 Byte 18 bit 5	$00	Driver Roll Bar Loop Commanded (If Equipped)	No	
DID $33 Byte 18 bit 4	$00	Passenger Roll Bar Loop Commanded (If Equipped)	No	
DID $33 Byte 18 bit 3	$00	Steering Column Energy Absorbing Loop Commanded (If Equipped)	No	
DID $33 Byte 18 bit 2	$00	Driver Head Rest Loop Commanded (If Equipped)	No	
DID $33 Byte 18 bit 1	$00	Passenger Head Rest Loop Commanded (If Equipped)	No	
DID $33 Byte 18 bit 0	$00	Left Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $33 Byte 19 bit 7	$00	Right Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $33 Byte 19 bit 6	$00	Center Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID $33 Byte 19 bit 5	$00	High Voltage Battery Cutoff Commanded (If Equipped)	No	
DID $33 Byte 20 bits 7-6	$5C	Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled	
DID $33 Byte 20 bits 5-4	$5C	Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Buckled	
DID $33 Byte 20 bits 3-2	$5C	Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 21 bits 7-6	$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $33 Byte 21 bits 5-4	$FC	Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $33 Byte 21 bits 3-2	$FC	Right Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $33 Byte 22 bits 7-6	$FC	Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $33 Byte 22 bits 5-4	$FC	Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $33 Byte 22 bits 3-2	$FC	Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID $33 Byte 23 bits 7-6	$F0	Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	Data Not Available	
DID $33 Byte 23 bits 5-4	$F0	Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	Data Not Available	
DID $33 Byte 24 bits 7-5	$20	Passenger Seat Occupancy Status	Occupied	
DID $33 Byte 25 bits 7-4	$60	Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Small Adult)	
DID $33 Byte 26 bits 7-6	$C0	Frontal air bag suppression switch status (Passenger SIR Suppression Switch Circuit Status)	Data Not Available	
DID $33 Byte 27 bits 7-6	$40	Passenger Air Bag ON Indicator Status	On	
DID $33 Byte 27 bits 5-4	$40	Passenger Air Bag OFF Indicator Status	Off	
DID $33 Byte 28	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-0.5 sec)	0	%
DID $33 Byte 29	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.0 sec)	0	%
DID $33 Byte 30	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.5 sec)	0	%
DID $33 Byte 31	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.0 sec)	0	%
DID $33 Byte 32	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.5 sec)	0	%
DID $33 Byte 33	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.0 sec)	0	%
DID $33 Byte 34	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.5 sec)	0	%
DID $33 Byte 35	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.0 sec)	0	%
DID $33 Byte 36	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.5 sec)	0	%
DID $33 Byte 37	$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-5.0 sec)	0	%
DID $33 Byte 38 bits 7-6	$00	Service Brake (Brake Switch Circuit State) (-0.5 sec)	Off	
DID $33 Byte 38 bits 5-4	$00	Service Brake (Brake Switch Circuit State) (-1.0 sec)	Off	
DID $33 Byte 38 bits 3-2	$00	Service Brake (Brake Switch Circuit State) (-1.5 sec)	Off	
DID $33 Byte 38 bits 1-0	$00	Service Brake (Brake Switch Circuit State) (-2.0 sec)	Off	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 39 bits 7-6	$05	Service Brake (Brake Switch Circuit State) (-2.5 sec)	Off	
DID $33 Byte 39 bits 5-4	$05	Service Brake (Brake Switch Circuit State) (-3.0 sec)	Off	
DID $33 Byte 39 bits 3-2	$05	Service Brake (Brake Switch Circuit State) (-3.5 sec)	On	
DID $33 Byte 39 bits 1-0	$05	Service Brake (Brake Switch Circuit State) (-4.0 sec)	On	
DID $33 Byte 40 bits 7-6	$50	Service Brake (Brake Switch Circuit State) (-4.5 sec)	On	
DID $33 Byte 40 bits 5-4	$50	Service Brake (Brake Switch Circuit State) (-5.0 sec)	On	
DID $33 Byte 41 bits 7-6	$00	Cruise Control Resume Switch Active (-0.5 sec)	No	
DID $33 Byte 41 bits 5-4	$00	Cruise Control Resume Switch Active (-1.0 sec)	No	
DID $33 Byte 41 bits 3-2	$00	Cruise Control Resume Switch Active (-1.5 sec)	No	
DID $33 Byte 41 bits 1-0	$00	Cruise Control Resume Switch Active (-2.0 sec)	No	
DID $33 Byte 42 bits 7-6	$00	Cruise Control Active (-0.5 sec)	No	
DID $33 Byte 42 bits 5-4	$00	Cruise Control Active (-1.0 sec)	No	
DID $33 Byte 42 bits 3-2	$00	Cruise Control Active (-1.5 sec)	No	
DID $33 Byte 42 bits 1-0	$00	Cruise Control Active (-2.0 sec)	No	
DID $33 Byte 43 bits 7-6	$00	Cruise Control Set Switch Active (-0.5 sec)	No	
DID $33 Byte 43 bits 5-4	$00	Cruise Control Set Switch Active (-1.0 sec)	No	
DID $33 Byte 43 bits 3-2	$00	Cruise Control Set Switch Active (-1.5 sec)	No	
DID $33 Byte 43 bits 1-0	$00	Cruise Control Set Switch Active (-2.0 sec)	No	
DID $33 Byte 44 bits 7-6	$00	Reduced Engine Power Mode indicator (-0.5 sec)	Off	
DID $33 Byte 44 bits 5-4	$00	Reduced Engine Power Mode indicator (-1.0 sec)	Off	
DID $33 Byte 44 bits 3-2	$00	Reduced Engine Power Mode indicator (-1.5 sec)	Off	
DID $33 Byte 44 bits 1-0	$00	Reduced Engine Power Mode indicator (-2.0 sec)	Off	
DID $33 Byte 45	$0A	Engine RPM (Engine Speed) (-0.5 sec)	640	RPM
DID $33 Byte 46	$09	Engine RPM (Engine Speed) (-1.0 sec)	576	RPM
DID $33 Byte 47	$0A	Engine RPM (Engine Speed) (-1.5 sec)	640	RPM
DID $33 Byte 48	$08	Engine RPM (Engine Speed)(-2.0 sec)	512	RPM
DID $33 Byte 49	$0A	Engine RPM (Engine Speed) (-2.5 sec)	640	RPM
DID $33 Byte 50	$09	Engine RPM (Engine Speed) (-3.0 sec)	576	RPM
DID $33 Byte 51	$14	Engine RPM (Engine Speed) (-3.5 sec)	1280	RPM
DID $33 Byte 52	$16	Engine RPM (Engine Speed) (-4.0 sec)	1408	RPM
DID $33 Byte 53	$15	Engine RPM (Engine Speed)(-4.5 sec)	1344	RPM
DID $33 Byte 54	$11	Engine RPM (Engine Speed) (-5.0 sec)	1088	RPM
DID $33 Bytes 55,56 (12 bits)	$0706	Engine Torque (-0.5 sec)	38 [51]	Foot-pounds [Newton meters]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Bytes 57,58 (12 bits)	$0713	Engine Torque (-1.0 sec)	42 [58]	Foot-pounds [Newton meters]
DID $33 Bytes 59,60 (12 bits)	$0702	Engine Torque (-1.5 sec)	36 [49]	Foot-pounds [Newton meters]
DID $33 Bytes 61,62 (12 bits)	$0702	Engine Torque (-2.0 sec)	36 [49]	Foot-pounds [Newton meters]
DID $33 Byte 63	$10	Engine Throttle, % Full (Throttle Position) (-0.5 sec)	16	% full throttle
DID $33 Byte 64	$13	Engine Throttle, % Full (Throttle Position) (-1.0 sec)	19	% full throttle
DID $33 Byte 65	$10	Engine Throttle, % Full (Throttle Position) (-1.5 sec)	16	% full throttle
DID $33 Byte 66	$10	Engine Throttle, % Full (Throttle Position) (-2.0 sec)	16	% full throttle
DID $33 Byte 67	$0F	Engine Throttle, % Full (Throttle Position)(-2.5 sec)	15	% full throttle
DID $33 Byte 68	$11	Engine Throttle, % Full (Throttle Position) (-3.0 sec)	17	% full throttle
DID $33 Byte 69	$13	Engine Throttle, % Full (Throttle Position) (-3.5 sec)	19	% full throttle
DID $33 Byte 70	$15	Engine Throttle, % Full (Throttle Position) (-4.0 sec)	21	% full throttle
DID $33 Byte 71	$12	Engine Throttle, % Full (Throttle Position) (-4.5 sec)	18	% full throttle
DID $33 Byte 72	$0F	Engine Throttle, % Full (Throttle Position)(-5.0 sec)	15	% full throttle
DID $33 Byte 73	$0F	Speed, Vehicle Indicated (Vehicle Speed) (-0.5 sec)	9 [15]	MPH [km/h]
DID $33 Byte 74	$0E	Speed, Vehicle Indicated (Vehicle Speed) (-1.0 sec)	9 [14]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 75	$0E	Speed, Vehicle Indicated (Vehicle Speed) (-1.5 sec)	9 [14]	MPH [km/h]
DID $33 Byte 76	$0F	Speed, Vehicle Indicated (Vehicle Speed) (-2.0 sec)	9 [15]	MPH [km/h]
DID $33 Byte 77	$14	Speed, Vehicle Indicated (Vehicle Speed)(-2.5 sec)	12 [20]	MPH [km/h]
DID $33 Byte 78	$09	Speed, Vehicle Indicated (Vehicle Speed) (-3.0 sec)	6 [9]	MPH [km/h]
DID $33 Byte 79	$1F	Speed, Vehicle Indicated (Vehicle Speed) (-3.5 sec)	19 [31]	MPH [km/h]
DID $33 Byte 80	$40	Speed, Vehicle Indicated (Vehicle Speed) (-4.0 sec)	40 [64]	MPH [km/h]
DID $33 Byte 81	$2F	Speed, Vehicle Indicated (Vehicle Speed) (-4.5 sec)	29 [47]	MPH [km/h]
DID $33 Byte 82	$25	Speed, Vehicle Indicated (Vehicle Speed)(-5.0 sec)	23 [37]	MPH [km/h]
DID $33 Byte 83 bits 7-6	$40	Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	On	
DID $33 Byte 83 bits 5-4	$40	Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off	
DID $33 Bytes 84-85	$FFFD	SIR Warning Lamp ON/OFF Time Continuously	655330	seconds
DID $33 Bytes 86-87	$1759	Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	5977	
DID $33 Byte 88	$FD	Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253	
DID $33 Bytes 89-90	$0000	DTC number	N/A	
DID $33 Byte 91	$00	DTC fault type	N/A	
DID $33 Bytes 92-93	$0000	DTC number	N/A	
DID $33 Byte 94	$00	DTC fault type	N/A	
DID $33 Bytes 95-96	$0000	DTC number	N/A	
DID $33 Byte 97	$00	DTC fault type	N/A	
DID $33 Bytes 98-99	$0000	DTC number	N/A	
DID $33 Byte 100	$00	DTC fault type	N/A	
DID $33 Bytes 101-102	$0000	DTC number	N/A	
DID $33 Byte 103	$00	DTC fault type	N/A	
DID $33 Bytes 104-105	$0000	DTC number	N/A	
DID $33 Byte 106	$00	DTC fault type	N/A	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Bytes 107-108	$0000	DTC number	N/A	
DID $33 Byte 109	$00	DTC fault type	N/A	
DID $33 Bytes 110-111	$0000	DTC number	N/A	
DID $33 Byte 112	$00	DTC fault type	N/A	
DID $33 Bytes 113-114	$8052	DTC number	B0052	
DID $33 Byte 115	$00	DTC fault type	$00	
DID $33 Byte 116	$7D	Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event)	-1 [-2]	MPH [km/h]
DID $33 Byte 117	$AF	Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)	350	msec
DID $33 Byte 118	$9C	Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event)	18 [29]	MPH [km/h]
DID $33 Byte 119	$46	Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)	140	msec
DID $33 Byte 120	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $33 Byte 121	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $33 Byte 122	$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $33 Byte 123	$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $33 Byte 124	$01	Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	1	msec
DID $33 Byte 125	$FF	Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID $33 Byte 126	$FF	Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	Data Not Available	msec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 127	$FF	Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	Data Not Available	msec
DID $33 Byte 128	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	0 [0]	MPH [km/h]
DID $33 Byte 129	$81	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	1.2 [2]	MPH [km/h]
DID $33 Byte 130	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	0 [0]	MPH [km/h]
DID $33 Byte 131	$84	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	3.1 [5]	MPH [km/h]
DID $33 Byte 132	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	0 [0]	MPH [km/h]
DID $33 Byte 133	$88	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	5.6 [9]	MPH [km/h]
DID $33 Byte 134	$7F	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	0 [0]	MPH [km/h]
DID $33 Byte 135	$8C	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	8.1 [13]	MPH [km/h]
DID $33 Byte 136	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 137	$8F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	9.9 [16]	MPH [km/h]
DID $33 Byte 138	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 139	$94	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	13 [21]	MPH [km/h]
DID $33 Byte 140	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 141	$98	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	15.5 [25]	MPH [km/h]
DID $33 Byte 142	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 143	$99	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	16.2 [26]	MPH [km/h]
DID $33 Byte 144	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	-0.6 [-1]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 145	$99	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	16.2 [26]	MPH [km/h]
DID $33 Byte 146	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 147	$9A	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	16.8 [27]	MPH [km/h]
DID $33 Byte 148	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 149	$9B	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	17.4 [28]	MPH [km/h]
DID $33 Byte 150	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 151	$9B	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	17.4 [28]	MPH [km/h]
DID $33 Byte 152	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 153	$9B	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	17.4 [28]	MPH [km/h]
DID $33 Byte 154	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 155	$9B	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	17.4 [28]	MPH [km/h]
DID $33 Byte 156	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 157	$9B	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	17.4 [28]	MPH [km/h]
DID $33 Byte 158	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 159	$9B	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	17.4 [28]	MPH [km/h]
DID $33 Byte 160	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 161	$9B	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	17.4 [28]	MPH [km/h]
DID $33 Byte 162	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	-0.6 [-1]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 163	$9A	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	16.8 [27]	MPH [km/h]
DID $33 Byte 164	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 165	$9A	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	16.8 [27]	MPH [km/h]
DID $33 Byte 166	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 167	$99	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	16.2 [26]	MPH [km/h]
DID $33 Byte 168	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 169	$99	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	16.2 [26]	MPH [km/h]
DID $33 Byte 170	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 171	$98	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	15.5 [25]	MPH [km/h]
DID $33 Byte 172	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 173	$98	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	15.5 [25]	MPH [km/h]
DID $33 Byte 174	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 175	$98	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	15.5 [25]	MPH [km/h]
DID $33 Byte 176	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 177	$97	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	14.9 [24]	MPH [km/h]
DID $33 Byte 178	$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	-0.6 [-1]	MPH [km/h]
DID $33 Byte 179	$97	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	14.9 [24]	MPH [km/h]
DID $33 Byte 180	$7D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	-1.2 [-2]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 181	$97	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	14.9 [24]	MPH [km/h]
DID $33 Byte 182	$7D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	-1.2 [-2]	MPH [km/h]
DID $33 Byte 183	$97	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	14.9 [24]	MPH [km/h]
DID $33 Byte 184	$7D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	-1.2 [-2]	MPH [km/h]
DID $33 Byte 185	$96	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	14.3 [23]	MPH [km/h]
DID $33 Byte 186	$7D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	-1.2 [-2]	MPH [km/h]
DID $33 Byte 187	$96	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	14.3 [23]	MPH [km/h]
DID $33 Byte 188	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (2 ms)	-0.6	G
DID $33 Byte 189	$88	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (2 ms)	3.4	G
DID $33 Byte 190	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (4 ms)	-0.2	G
DID $33 Byte 191	$8C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (4 ms)	5.0	G
DID $33 Byte 192	$85	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (6 ms)	2.2	G
DID $33 Byte 193	$99	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (6 ms)	10.2	G
DID $33 Byte 194	$83	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (8 ms)	1.4	G
DID $33 Byte 195	$96	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (8 ms)	9.0	G
DID $33 Byte 196	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (10 ms)	0.6	G
DID $33 Byte 197	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (10 ms)	1.0	G
DID $33 Byte 198	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (12 ms)	-2.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 199	$8B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (12 ms)	4.6	G
DID $33 Byte 200	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (14 ms)	-1.0	G
DID $33 Byte 201	$96	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (14 ms)	9.0	G
DID $33 Byte 202	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (16 ms)	0.2	G
DID $33 Byte 203	$A1	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (16 ms)	13.4	G
DID $33 Byte 204	$86	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (18 ms)	2.6	G
DID $33 Byte 205	$9A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (18 ms)	10.6	G
DID $33 Byte 206	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (20 ms)	-1.8	G
DID $33 Byte 207	$91	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (20 ms)	7.0	G
DID $33 Byte 208	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (22 ms)	-0.2	G
DID $33 Byte 209	$9D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (22 ms)	11.8	G
DID $33 Byte 210	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (24 ms)	-1.0	G
DID $33 Byte 211	$9C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (24 ms)	11.4	G
DID $33 Byte 212	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (26 ms)	0.2	G
DID $33 Byte 213	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (26 ms)	1.4	G
DID $33 Byte 214	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (28 ms)	-3.0	G
DID $33 Byte 215	$A1	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (28 ms)	13.4	G
DID $33 Byte 216	$91	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (30 ms)	7.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 217	$9A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (30 ms)	10.6	G
DID $33 Byte 218	$6E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (32 ms)	-7.0	G
DID $33 Byte 219	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (32 ms)	-0.2	G
DID $33 Byte 220	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (34 ms)	1.0	G
DID $33 Byte 221	$9A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (34 ms)	10.6	G
DID $33 Byte 222	$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (36 ms)	-3.8	G
DID $33 Byte 223	$A9	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (36 ms)	16.6	G
DID $33 Byte 224	$8B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (38 ms)	4.6	G
DID $33 Byte 225	$AA	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (38 ms)	17.0	G
DID $33 Byte 226	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (40 ms)	-3.0	G
DID $33 Byte 227	$A2	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (40 ms)	13.8	G
DID $33 Byte 228	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (42 ms)	-0.6	G
DID $33 Byte 229	$A6	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (42 ms)	15.4	G
DID $33 Byte 230	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (44 ms)	-2.6	G
DID $33 Byte 231	$97	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (44 ms)	9.4	G
DID $33 Byte 232	$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (46 ms)	-3.4	G
DID $33 Byte 233	$8D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (46 ms)	5.4	G
DID $33 Byte 234	$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (48 ms)	-3.4	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 235	$91	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (48 ms)	7.0	G
DID $33 Byte 236	$73	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (50 ms)	-5.0	G
DID $33 Byte 237	$8D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (50 ms)	5.4	G
DID $33 Byte 238	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (52 ms)	-0.2	G
DID $33 Byte 239	$A2	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (52 ms)	13.8	G
DID $33 Byte 240	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (54 ms)	0.2	G
DID $33 Byte 241	$97	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (54 ms)	9.4	G
DID $33 Byte 242	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (56 ms)	-3.0	G
DID $33 Byte 243	$8A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (56 ms)	4.2	G
DID $33 Byte 244	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (58 ms)	1.0	G
DID $33 Byte 245	$AD	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (58 ms)	18.2	G
DID $33 Byte 246	$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (60 ms)	-2.2	G
DID $33 Byte 247	$B6	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (60 ms)	21.8	G
DID $33 Byte 248	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (62 ms)	1.0	G
DID $33 Byte 249	$A8	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (62 ms)	16.2	G
DID $33 Byte 250	$84	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (64 ms)	1.8	G
DID $33 Byte 251	$9E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (64 ms)	12.2	G
DID $33 Byte 252	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (66 ms)	-2.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 253	$9D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (66 ms)	11.8	G
DID $33 Byte 254	$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (68 ms)	-3.0	G
DID $33 Byte 255	$98	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (68 ms)	9.8	G
DID $33 Byte 256	$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (70 ms)	-4.6	G
DID $33 Byte 257	$8D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (70 ms)	5.4	G
DID $33 Byte 258	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (72 ms)	-0.2	G
DID $33 Byte 259	$86	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (72 ms)	2.6	G
DID $33 Byte 260	$85	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (74 ms)	2.2	G
DID $33 Byte 261	$85	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (74 ms)	2.2	G
DID $33 Byte 262	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (76 ms)	-0.2	G
DID $33 Byte 263	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (76 ms)	-1.0	G
DID $33 Byte 264	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (78 ms)	0.6	G
DID $33 Byte 265	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (78 ms)	1.4	G
DID $33 Byte 266	$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (80 ms)	-2.6	G
DID $33 Byte 267	$84	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (80 ms)	1.8	G
DID $33 Byte 268	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (82 ms)	-0.6	G
DID $33 Byte 269	$87	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (82 ms)	3.0	G
DID $33 Byte 270	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (84 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 271	$85	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (84 ms)	2.2	G
DID $33 Byte 272	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (86 ms)	1.0	G
DID $33 Byte 273	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (86 ms)	0.6	G
DID $33 Byte 274	$82	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (88 ms)	1.0	G
DID $33 Byte 275	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (88 ms)	1.4	G
DID $33 Byte 276	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (90 ms)	-1.0	G
DID $33 Byte 277	$85	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (90 ms)	2.2	G
DID $33 Byte 278	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (92 ms)	-0.2	G
DID $33 Byte 279	$88	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (92 ms)	3.4	G
DID $33 Byte 280	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (94 ms)	0.2	G
DID $33 Byte 281	$87	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (94 ms)	3.0	G
DID $33 Byte 282	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (96 ms)	-0.2	G
DID $33 Byte 283	$85	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (96 ms)	2.2	G
DID $33 Byte 284	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (98 ms)	0.2	G
DID $33 Byte 285	$86	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (98 ms)	2.6	G
DID $33 Byte 286	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (100 ms)	-0.2	G
DID $33 Byte 287	$84	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (100 ms)	1.8	G
DID $33 Byte 288	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (102 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 289	$84	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (102 ms)	1.8	G
DID $33 Byte 290	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (104 ms)	-0.2	G
DID $33 Byte 291	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (104 ms)	0.6	G
DID $33 Byte 292	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (106 ms)	-1.0	G
DID $33 Byte 293	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (106 ms)	1.0	G
DID $33 Byte 294	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (108 ms)	-0.6	G
DID $33 Byte 295	$81	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (108 ms)	0.6	G
DID $33 Byte 296	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (110 ms)	-0.2	G
DID $33 Byte 297	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (110 ms)	1.0	G
DID $33 Byte 298	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (112 ms)	-0.6	G
DID $33 Byte 299	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (112 ms)	1.0	G
DID $33 Byte 300	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (114 ms)	-0.6	G
DID $33 Byte 301	$82	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (114 ms)	1.0	G
DID $33 Byte 302	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (116 ms)	0.2	G
DID $33 Byte 303	$84	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (116 ms)	1.8	G
DID $33 Byte 304	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (118 ms)	0.2	G
DID $33 Byte 305	$83	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (118 ms)	1.4	G
DID $33 Byte 306	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (120 ms)	0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 307	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (120 ms)	0.2	G
DID $33 Byte 308	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (122 ms)	0.2	G
DID $33 Byte 309	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (122 ms)	-0.6	G
DID $33 Byte 310	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (124 ms)	-0.2	G
DID $33 Byte 311	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (124 ms)	-0.2	G
DID $33 Byte 312	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (126 ms)	-0.2	G
DID $33 Byte 313	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (126 ms)	-0.6	G
DID $33 Byte 314	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (128 ms)	-0.6	G
DID $33 Byte 315	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (128 ms)	-0.6	G
DID $33 Byte 316	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (130 ms)	-0.2	G
DID $33 Byte 317	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (130 ms)	-0.2	G
DID $33 Byte 318	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (132 ms)	-0.6	G
DID $33 Byte 319	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (132 ms)	-0.2	G
DID $33 Byte 320	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (134 ms)	-0.2	G
DID $33 Byte 321	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (134 ms)	-0.2	G
DID $33 Byte 322	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (136 ms)	-0.2	G
DID $33 Byte 323	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (136 ms)	0.2	G
DID $33 Byte 324	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (138 ms)	0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 325	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (138 ms)	0.2	G
DID $33 Byte 326	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (140 ms)	-0.6	G
DID $33 Byte 327	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (140 ms)	0.2	G
DID $33 Byte 328	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (142 ms)	-0.2	G
DID $33 Byte 329	$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (142 ms)	0.2	G
DID $33 Byte 330	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (144 ms)	-0.6	G
DID $33 Byte 331	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (144 ms)	-0.6	G
DID $33 Byte 332	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (146 ms)	-0.2	G
DID $33 Byte 333	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (146 ms)	-1.4	G
DID $33 Byte 334	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (148 ms)	-0.2	G
DID $33 Byte 335	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (148 ms)	-0.6	G
DID $33 Byte 336	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (150 ms)	-0.2	G
DID $33 Byte 337	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (150 ms)	-0.6	G
DID $33 Byte 338	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (152 ms)	-0.2	G
DID $33 Byte 339	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (152 ms)	-1.0	G
DID $33 Byte 340	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (154 ms)	-0.2	G
DID $33 Byte 341	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (154 ms)	-1.0	G
DID $33 Byte 342	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (156 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 343	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (156 ms)	-1.8	G
DID $33 Byte 344	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (158 ms)	0.6	G
DID $33 Byte 345	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (158 ms)	-1.4	G
DID $33 Byte 346	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (160 ms)	0.2	G
DID $33 Byte 347	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (160 ms)	-1.0	G
DID $33 Byte 348	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (162 ms)	-0.2	G
DID $33 Byte 349	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (162 ms)	-0.6	G
DID $33 Byte 350	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (164 ms)	-0.2	G
DID $33 Byte 351	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (164 ms)	-0.2	G
DID $33 Byte 352	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (166 ms)	-0.2	G
DID $33 Byte 353	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (166 ms)	-0.2	G
DID $33 Byte 354	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (168 ms)	0.2	G
DID $33 Byte 355	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (168 ms)	-0.2	G
DID $33 Byte 356	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (170 ms)	-0.2	G
DID $33 Byte 357	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (170 ms)	-1.0	G
DID $33 Byte 358	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (172 ms)	-0.2	G
DID $33 Byte 359	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (172 ms)	-1.0	G
DID $33 Byte 360	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (174 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 361	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (174 ms)	-1.0	G
DID $33 Byte 362	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (176 ms)	-0.2	G
DID $33 Byte 363	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (176 ms)	-1.4	G
DID $33 Byte 364	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (178 ms)	0.2	G
DID $33 Byte 365	$7A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (178 ms)	-2.2	G
DID $33 Byte 366	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (180 ms)	-0.2	G
DID $33 Byte 367	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (180 ms)	-1.8	G
DID $33 Byte 368	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (182 ms)	-0.2	G
DID $33 Byte 369	$7A	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (182 ms)	-2.2	G
DID $33 Byte 370	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (184 ms)	-0.2	G
DID $33 Byte 371	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (184 ms)	-1.8	G
DID $33 Byte 372	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (186 ms)	-0.6	G
DID $33 Byte 373	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (186 ms)	-1.4	G
DID $33 Byte 374	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (188 ms)	-0.6	G
DID $33 Byte 375	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (188 ms)	-1.0	G
DID $33 Byte 376	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (190 ms)	-0.2	G
DID $33 Byte 377	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (190 ms)	-1.0	G
DID $33 Byte 378	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (192 ms)	-0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 379	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (192 ms)	-1.0	G
DID $33 Byte 380	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (194 ms)	-0.6	G
DID $33 Byte 381	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (194 ms)	-1.4	G
DID $33 Byte 382	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (196 ms)	-0.2	G
DID $33 Byte 383	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (196 ms)	-0.6	G
DID $33 Byte 384	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (198 ms)	-0.2	G
DID $33 Byte 385	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (198 ms)	-1.0	G
DID $33 Byte 386	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (200 ms)	-0.2	G
DID $33 Byte 387	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (200 ms)	-1.8	G
DID $33 Byte 388	$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (202 ms)	-1.4	G
DID $33 Byte 389	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (202 ms)	-1.0	G
DID $33 Byte 390	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (204 ms)	-0.2	G
DID $33 Byte 391	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (204 ms)	-0.6	G
DID $33 Byte 392	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (206 ms)	-0.6	G
DID $33 Byte 393	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (206 ms)	-1.0	G
DID $33 Byte 394	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (208 ms)	-0.6	G
DID $33 Byte 395	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (208 ms)	-1.0	G
DID $33 Byte 396	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (210 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 397	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (210 ms)	-1.4	G
DID $33 Byte 398	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (212 ms)	-0.2	G
DID $33 Byte 399	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (212 ms)	-1.8	G
DID $33 Byte 400	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (214 ms)	-0.2	G
DID $33 Byte 401	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (214 ms)	-1.4	G
DID $33 Byte 402	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (216 ms)	-0.6	G
DID $33 Byte 403	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (216 ms)	-1.4	G
DID $33 Byte 404	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (218 ms)	-0.2	G
DID $33 Byte 405	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (218 ms)	-1.0	G
DID $33 Byte 406	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (220 ms)	-0.2	G
DID $33 Byte 407	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (220 ms)	-1.0	G
DID $33 Byte 408	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (222 ms)	-0.2	G
DID $33 Byte 409	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (222 ms)	-1.0	G
DID $33 Byte 410	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (224 ms)	-0.2	G
DID $33 Byte 411	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (224 ms)	-0.6	G
DID $33 Byte 412	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (226 ms)	-0.6	G
DID $33 Byte 413	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (226 ms)	-0.6	G
DID $33 Byte 414	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (228 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 415	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (228 ms)	-0.6	G
DID $33 Byte 416	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (230 ms)	-0.2	G
DID $33 Byte 417	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (230 ms)	-1.0	G
DID $33 Byte 418	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (232 ms)	-0.2	G
DID $33 Byte 419	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (232 ms)	-1.4	G
DID $33 Byte 420	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (234 ms)	-0.2	G
DID $33 Byte 421	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (234 ms)	-1.0	G
DID $33 Byte 422	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (236 ms)	-0.2	G
DID $33 Byte 423	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (236 ms)	-1.4	G
DID $33 Byte 424	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (238 ms)	-0.2	G
DID $33 Byte 425	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (238 ms)	-1.0	G
DID $33 Byte 426	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (240 ms)	-0.2	G
DID $33 Byte 427	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (240 ms)	-1.4	G
DID $33 Byte 428	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (242 ms)	-0.2	G
DID $33 Byte 429	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (242 ms)	-1.0	G
DID $33 Byte 430	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (244 ms)	-0.2	G
DID $33 Byte 431	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (244 ms)	-1.4	G
DID $33 Byte 432	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (246 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 433	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (246 ms)	-1.4	G
DID $33 Byte 434	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (248 ms)	-0.2	G
DID $33 Byte 435	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (248 ms)	-0.6	G
DID $33 Byte 436	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (250 ms)	-0.2	G
DID $33 Byte 437	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (250 ms)	-1.0	G
DID $33 Byte 438	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (252 ms)	-0.2	G
DID $33 Byte 439	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (252 ms)	-0.6	G
DID $33 Byte 440	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (254 ms)	-0.2	G
DID $33 Byte 441	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (254 ms)	-0.2	G
DID $33 Byte 442	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (256 ms)	-0.2	G
DID $33 Byte 443	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (256 ms)	-0.6	G
DID $33 Byte 444	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (258 ms)	-0.2	G
DID $33 Byte 445	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (258 ms)	-0.2	G
DID $33 Byte 446	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (260 ms)	-0.6	G
DID $33 Byte 447	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (260 ms)	-0.6	G
DID $33 Byte 448	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (262 ms)	-1.0	G
DID $33 Byte 449	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (262 ms)	-0.6	G
DID $33 Byte 450	$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (264 ms)	-1.0	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 451	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (264ms)	-0.2	G
DID $33 Byte 452	$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (266 ms)	-1.8	G
DID $33 Byte 453	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (266 ms)	-0.2	G
DID $33 Byte 454	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (268 ms)	-0.2	G
DID $33 Byte 455	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (268 ms)	-0.6	G
DID $33 Byte 456	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (270 ms)	0.2	G
DID $33 Byte 457	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (270 ms)	-0.6	G
DID $33 Byte 458	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (272 ms)	-0.2	G
DID $33 Byte 459	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (272 ms)	-1.4	G
DID $33 Byte 460	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (274 ms)	-0.2	G
DID $33 Byte 461	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (274 ms)	-1.8	G
DID $33 Byte 462	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (276 ms)	0.2	G
DID $33 Byte 463	$78	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (276 ms)	-3.0	G
DID $33 Byte 464	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (278 ms)	-0.2	G
DID $33 Byte 465	$7B	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (278 ms)	-1.8	G
DID $33 Byte 466	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (280 ms)	-0.2	G
DID $33 Byte 467	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (280 ms)	-0.2	G
DID $33 Byte 468	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (282 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 469	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (282 ms)	-0.2	G
DID $33 Byte 470	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (284 ms)	-0.6	G
DID $33 Byte 471	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (284 ms)	-0.2	G
DID $33 Byte 472	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (286 ms)	-0.2	G
DID $33 Byte 473	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (286 ms)	-1.0	G
DID $33 Byte 474	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (288 ms)	-0.2	G
DID $33 Byte 475	$7C	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (288 ms)	-1.4	G
DID $33 Byte 476	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (290 ms)	-0.2	G
DID $33 Byte 477	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (290ms)	-1.0	G
DID $33 Byte 478	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (292 ms)	-0.2	G
DID $33 Byte 479	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (292 ms)	-0.2	G
DID $33 Byte 480	$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (294 ms)	0.2	G
DID $33 Byte 481	$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (294 ms)	-0.2	G
DID $33 Byte 482	$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (296 ms)	-0.6	G
DID $33 Byte 483	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (296 ms)	-0.6	G
DID $33 Byte 484	$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (298 ms)	-0.2	G
DID $33 Byte 485	$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (298 ms)	-0.6	G
DID $33 Byte 486	$81	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (300 ms)	0.6	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 487	$7D	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (300 ms)	-1.0	G
DID $33 Byte 488	$FF	SDM Recorded Vehicle Roll Rate (-700 ms)	Data Not Available	deg/sec
DID $33 Byte 489	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $33 Byte 490	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID $33 Byte 491	$FF	SDM Recorded Vehicle Roll Rate (-690 ms)	Data Not Available	deg/sec
DID $33 Byte 492	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $33 Byte 493	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID $33 Byte 494	$FF	SDM Recorded Vehicle Roll Rate (-680 ms)	Data Not Available	deg/sec
DID $33 Byte 495	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $33 Byte 496	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID $33 Byte 497	$FF	SDM Recorded Vehicle Roll Rate (-670 ms)	Data Not Available	deg/sec
DID $33 Byte 498	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $33 Byte 499	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID $33 Byte 500	$FF	SDM Recorded Vehicle Roll Rate (-660 ms)	Data Not Available	deg/sec
DID $33 Byte 501	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID $33 Byte 502	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID $33 Byte 503	$FF	SDM Recorded Vehicle Roll Rate (-650 ms)	Data Not Available	deg/sec
DID $33 Byte 504	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-650 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 505	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID $33 Byte 506	$FF	SDM Recorded Vehicle Roll Rate (-640 ms)	Data Not Available	deg/sec
DID $33 Byte 507	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $33 Byte 508	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID $33 Byte 509	$FF	SDM Recorded Vehicle Roll Rate (-630 ms)	Data Not Available	deg/sec
DID $33 Byte 510	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $33 Byte 511	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID $33 Byte 512	$FF	SDM Recorded Vehicle Roll Rate (-620 ms)	Data Not Available	deg/sec
DID $33 Byte 513	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $33 Byte 514	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID $33 Byte 515	$FF	SDM Recorded Vehicle Roll Rate (-610 ms)	Data Not Available	deg/sec
DID $33 Byte 516	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $33 Byte 517	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID $33 Byte 518	$FF	SDM Recorded Vehicle Roll Rate (-600 ms)	Data Not Available	deg/sec
DID $33 Byte 519	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID $33 Byte 520	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID $33 Byte 521	$FF	SDM Recorded Vehicle Roll Rate (-590 ms)	Data Not Available	deg/sec
DID $33 Byte 522	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-590 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 523	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID $33 Byte 524	$FF	SDM Recorded Vehicle Roll Rate (-580 ms)	Data Not Available	deg/sec
DID $33 Byte 525	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $33 Byte 526	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID $33 Byte 527	$FF	SDM Recorded Vehicle Roll Rate (-570 ms)	Data Not Available	deg/sec
DID $33 Byte 528	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $33 Byte 529	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID $33 Byte 530	$FF	SDM Recorded Vehicle Roll Rate (-560 ms)	Data Not Available	deg/sec
DID $33 Byte 531	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $33 Byte 532	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID $33 Byte 533	$FF	SDM Recorded Vehicle Roll Rate (-550 ms)	Data Not Available	deg/sec
DID $33 Byte 534	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $33 Byte 535	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID $33 Byte 536	$FF	SDM Recorded Vehicle Roll Rate (-540 ms)	Data Not Available	deg/sec
DID $33 Byte 537	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID $33 Byte 538	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID $33 Byte 539	$FF	SDM Recorded Vehicle Roll Rate (-530 ms)	Data Not Available	deg/sec
DID $33 Byte 540	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-530 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 541	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID $33 Byte 542	$FF	SDM Recorded Vehicle Roll Rate (-520 ms)	Data Not Available	deg/sec
DID $33 Byte 543	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $33 Byte 544	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID $33 Byte 545	$FF	SDM Recorded Vehicle Roll Rate (-510 ms)	Data Not Available	deg/sec
DID $33 Byte 546	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $33 Byte 547	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID $33 Byte 548	$FF	SDM Recorded Vehicle Roll Rate (-500 ms)	Data Not Available	deg/sec
DID $33 Byte 549	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $33 Byte 550	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID $33 Byte 551	$FF	SDM Recorded Vehicle Roll Rate (-490 ms)	Data Not Available	deg/sec
DID $33 Byte 552	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $33 Byte 553	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID $33 Byte 554	$FF	SDM Recorded Vehicle Roll Rate (-480 ms)	Data Not Available	deg/sec
DID $33 Byte 555	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID $33 Byte 556	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID $33 Byte 557	$FF	SDM Recorded Vehicle Roll Rate (-470 ms)	Data Not Available	deg/sec
DID $33 Byte 558	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-470 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 559	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID $33 Byte 560	$FF	SDM Recorded Vehicle Roll Rate (-460 ms)	Data Not Available	deg/sec
DID $33 Byte 561	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $33 Byte 562	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID $33 Byte 563	$FF	SDM Recorded Vehicle Roll Rate (-450 ms)	Data Not Available	deg/sec
DID $33 Byte 564	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $33 Byte 565	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID $33 Byte 566	$FF	SDM Recorded Vehicle Roll Rate (-440 ms)	Data Not Available	deg/sec
DID $33 Byte 567	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $33 Byte 568	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID $33 Byte 569	$FF	SDM Recorded Vehicle Roll Rate (-430 ms)	Data Not Available	deg/sec
DID $33 Byte 570	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $33 Byte 571	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID $33 Byte 572	$FF	SDM Recorded Vehicle Roll Rate (-420 ms)	Data Not Available	deg/sec
DID $33 Byte 573	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID $33 Byte 574	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID $33 Byte 575	$FF	SDM Recorded Vehicle Roll Rate (-410 ms)	Data Not Available	deg/sec
DID $33 Byte 576	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-410 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 577	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID $33 Byte 578	$FF	SDM Recorded Vehicle Roll Rate (-400 ms)	Data Not Available	deg/sec
DID $33 Byte 579	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $33 Byte 580	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID $33 Byte 581	$FF	SDM Recorded Vehicle Roll Rate (-390 ms)	Data Not Available	deg/sec
DID $33 Byte 582	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $33 Byte 583	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID $33 Byte 584	$FF	SDM Recorded Vehicle Roll Rate (-380 ms)	Data Not Available	deg/sec
DID $33 Byte 585	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $33 Byte 586	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID $33 Byte 587	$FF	SDM Recorded Vehicle Roll Rate (-370 ms)	Data Not Available	deg/sec
DID $33 Byte 588	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $33 Byte 589	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID $33 Byte 590	$FF	SDM Recorded Vehicle Roll Rate (-360 ms)	Data Not Available	deg/sec
DID $33 Byte 591	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID $33 Byte 592	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID $33 Byte 593	$FF	SDM Recorded Vehicle Roll Rate (-350 ms)	Data Not Available	deg/sec
DID $33 Byte 594	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-350 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 595	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID $33 Byte 596	$FF	SDM Recorded Vehicle Roll Rate (-340 ms)	Data Not Available	deg/sec
DID $33 Byte 597	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $33 Byte 598	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID $33 Byte 599	$FF	SDM Recorded Vehicle Roll Rate (-330 ms)	Data Not Available	deg/sec
DID $33 Byte 600	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $33 Byte 601	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID $33 Byte 602	$FF	SDM Recorded Vehicle Roll Rate (-320 ms)	Data Not Available	deg/sec
DID $33 Byte 603	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $33 Byte 604	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID $33 Byte 605	$FF	SDM Recorded Vehicle Roll Rate (-310 ms)	Data Not Available	deg/sec
DID $33 Byte 606	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $33 Byte 607	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID $33 Byte 608	$FF	SDM Recorded Vehicle Roll Rate (-300 ms)	Data Not Available	deg/sec
DID $33 Byte 609	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID $33 Byte 610	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID $33 Byte 611	$FF	SDM Recorded Vehicle Roll Rate (-290 ms)	Data Not Available	deg/sec
DID $33 Byte 612	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-290 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 613	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID $33 Byte 614	$FF	SDM Recorded Vehicle Roll Rate (-280 ms)	Data Not Available	deg/sec
DID $33 Byte 615	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $33 Byte 616	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID $33 Byte 617	$FF	SDM Recorded Vehicle Roll Rate (-270 ms)	Data Not Available	deg/sec
DID $33 Byte 618	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $33 Byte 619	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID $33 Byte 620	$FF	SDM Recorded Vehicle Roll Rate (-260 ms)	Data Not Available	deg/sec
DID $33 Byte 621	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $33 Byte 622	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID $33 Byte 623	$FF	SDM Recorded Vehicle Roll Rate (-250 ms)	Data Not Available	deg/sec
DID $33 Byte 624	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $33 Byte 625	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID $33 Byte 626	$FF	SDM Recorded Vehicle Roll Rate (-240 ms)	Data Not Available	deg/sec
DID $33 Byte 627	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID $33 Byte 628	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID $33 Byte 629	$FF	SDM Recorded Vehicle Roll Rate (-230 ms)	Data Not Available	deg/sec
DID $33 Byte 630	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-230 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 631	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID $33 Byte 632	$FF	SDM Recorded Vehicle Roll Rate (-220 ms)	Data Not Available	deg/sec
DID $33 Byte 633	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $33 Byte 634	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID $33 Byte 635	$FF	SDM Recorded Vehicle Roll Rate (-210 ms)	Data Not Available	deg/sec
DID $33 Byte 636	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $33 Byte 637	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID $33 Byte 638	$FF	SDM Recorded Vehicle Roll Rate (-200 ms)	Data Not Available	deg/sec
DID $33 Byte 639	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $33 Byte 640	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID $33 Byte 641	$FF	SDM Recorded Vehicle Roll Rate (-190 ms)	Data Not Available	deg/sec
DID $33 Byte 642	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $33 Byte 643	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID $33 Byte 644	$FF	SDM Recorded Vehicle Roll Rate (-180 ms)	Data Not Available	deg/sec
DID $33 Byte 645	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID $33 Byte 646	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID $33 Byte 647	$FF	SDM Recorded Vehicle Roll Rate (-170 ms)	Data Not Available	deg/sec
DID $33 Byte 648	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-170 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 649	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID $33 Byte 650	$FF	SDM Recorded Vehicle Roll Rate (-160 ms)	Data Not Available	deg/sec
DID $33 Byte 651	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $33 Byte 652	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID $33 Byte 653	$FF	SDM Recorded Vehicle Roll Rate (-150 ms)	Data Not Available	deg/sec
DID $33 Byte 654	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $33 Byte 655	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID $33 Byte 656	$FF	SDM Recorded Vehicle Roll Rate (-140 ms)	Data Not Available	deg/sec
DID $33 Byte 657	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $33 Byte 658	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID $33 Byte 659	$FF	SDM Recorded Vehicle Roll Rate (-130 ms)	Data Not Available	deg/sec
DID $33 Byte 660	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $33 Byte 661	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID $33 Byte 662	$FF	SDM Recorded Vehicle Roll Rate (-120 ms)	Data Not Available	deg/sec
DID $33 Byte 663	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID $33 Byte 664	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID $33 Byte 665	$FF	SDM Recorded Vehicle Roll Rate (-110 ms)	Data Not Available	deg/sec
DID $33 Byte 666	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-110 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 667	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID $33 Byte 668	$FF	SDM Recorded Vehicle Roll Rate (-100 ms)	Data Not Available	deg/sec
DID $33 Byte 669	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $33 Byte 670	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID $33 Byte 671	$FF	SDM Recorded Vehicle Roll Rate (-90 ms)	Data Not Available	deg/sec
DID $33 Byte 672	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $33 Byte 673	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID $33 Byte 674	$FF	SDM Recorded Vehicle Roll Rate (-80 ms)	Data Not Available	deg/sec
DID $33 Byte 675	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $33 Byte 676	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID $33 Byte 677	$FF	SDM Recorded Vehicle Roll Rate (-70 ms)	Data Not Available	deg/sec
DID $33 Byte 678	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $33 Byte 679	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID $33 Byte 680	$FF	SDM Recorded Vehicle Roll Rate (-60 ms)	Data Not Available	deg/sec
DID $33 Byte 681	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID $33 Byte 682	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID $33 Byte 683	$FF	SDM Recorded Vehicle Roll Rate (-50 ms)	Data Not Available	deg/sec
DID $33 Byte 684	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-50 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 685	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID $33 Byte 686	$FF	SDM Recorded Vehicle Roll Rate (-40 ms)	Data Not Available	deg/sec
DID $33 Byte 687	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $33 Byte 688	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID $33 Byte 689	$FF	SDM Recorded Vehicle Roll Rate (-30 ms)	Data Not Available	deg/sec
DID $33 Byte 690	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $33 Byte 691	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID $33 Byte 692	$FF	SDM Recorded Vehicle Roll Rate (-20 ms)	Data Not Available	deg/sec
DID $33 Byte 693	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $33 Byte 694	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID $33 Byte 695	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $33 Byte 696	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $33 Byte 697	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $33 Byte 698	$FF	SDM Recorded Vehicle Roll Rate (0 ms)	Data Not Available	deg/sec
DID $33 Byte 699	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID $33 Byte 700	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID $33 Byte 701	$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID $33 Byte 702	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 703	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID $33 Byte 704	$FF	SDM Recorded Vehicle Roll Rate (20 ms)	Data Not Available	deg/sec
DID $33 Byte 705	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $33 Byte 706	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID $33 Byte 707	$FF	SDM Recorded Vehicle Roll Rate (30 ms)	Data Not Available	deg/sec
DID $33 Byte 708	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $33 Byte 709	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID $33 Byte 710	$FF	SDM Recorded Vehicle Roll Rate (40 ms)	Data Not Available	deg/sec
DID $33 Byte 711	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $33 Byte 712	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID $33 Byte 713	$FF	SDM Recorded Vehicle Roll Rate (50 ms)	Data Not Available	deg/sec
DID $33 Byte 714	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $33 Byte 715	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID $33 Byte 716	$FF	SDM Recorded Vehicle Roll Rate (60 ms)	Data Not Available	deg/sec
DID $33 Byte 717	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID $33 Byte 718	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID $33 Byte 719	$FF	SDM Recorded Vehicle Roll Rate (70 ms)	Data Not Available	deg/sec
DID $33 Byte 720	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (70 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 721	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID $33 Byte 722	$FF	SDM Recorded Vehicle Roll Rate (80 ms)	Data Not Available	deg/sec
DID $33 Byte 723	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $33 Byte 724	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID $33 Byte 725	$FF	SDM Recorded Vehicle Roll Rate (90 ms)	Data Not Available	deg/sec
DID $33 Byte 726	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $33 Byte 727	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID $33 Byte 728	$FF	SDM Recorded Vehicle Roll Rate (100 ms)	Data Not Available	deg/sec
DID $33 Byte 729	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $33 Byte 730	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID $33 Byte 731	$FF	SDM Recorded Vehicle Roll Rate (110 ms)	Data Not Available	deg/sec
DID $33 Byte 732	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $33 Byte 733	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID $33 Byte 734	$FF	SDM Recorded Vehicle Roll Rate (120 ms)	Data Not Available	deg/sec
DID $33 Byte 735	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID $33 Byte 736	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID $33 Byte 737	$FF	SDM Recorded Vehicle Roll Rate (130 ms)	Data Not Available	deg/sec
DID $33 Byte 738	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (130 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 739	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID $33 Byte 740	$FF	SDM Recorded Vehicle Roll Rate (140 ms)	Data Not Available	deg/sec
DID $33 Byte 741	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $33 Byte 742	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID $33 Byte 743	$FF	SDM Recorded Vehicle Roll Rate (150 ms)	Data Not Available	deg/sec
DID $33 Byte 744	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $33 Byte 745	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID $33 Byte 746	$FF	SDM Recorded Vehicle Roll Rate (160 ms)	Data Not Available	deg/sec
DID $33 Byte 747	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $33 Byte 748	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID $33 Byte 749	$FF	SDM Recorded Vehicle Roll Rate (170 ms)	Data Not Available	deg/sec
DID $33 Byte 750	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $33 Byte 751	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID $33 Byte 752	$FF	SDM Recorded Vehicle Roll Rate (180 ms)	Data Not Available	deg/sec
DID $33 Byte 753	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID $33 Byte 754	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID $33 Byte 755	$FF	SDM Recorded Vehicle Roll Rate (190 ms)	Data Not Available	deg/sec
DID $33 Byte 756	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (190 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 757	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID $33 Byte 758	$FF	SDM Recorded Vehicle Roll Rate (200 ms)	Data Not Available	deg/sec
DID $33 Byte 759	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $33 Byte 760	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID $33 Byte 761	$FF	SDM Recorded Vehicle Roll Rate (210 ms)	Data Not Available	deg/sec
DID $33 Byte 762	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $33 Byte 763	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID $33 Byte 764	$FF	SDM Recorded Vehicle Roll Rate (220 ms)	Data Not Available	deg/sec
DID $33 Byte 765	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $33 Byte 766	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID $33 Byte 767	$FF	SDM Recorded Vehicle Roll Rate (230 ms)	Data Not Available	77
DID $33 Byte 768	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $33 Byte 769	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID $33 Byte 770	$FF	SDM Recorded Vehicle Roll Rate (240 ms)	Data Not Available	deg/sec
DID $33 Byte 771	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID $33 Byte 772	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID $33 Byte 773	$FF	SDM Recorded Vehicle Roll Rate (250 ms)	Data Not Available	deg/sec
DID $33 Byte 774	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (250 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $33 Byte 775	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID $33 Byte 776	$FF	SDM Recorded Vehicle Roll Rate (260 ms)	Data Not Available	deg/sec
DID $33 Byte 777	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $33 Byte 778	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID $33 Byte 779	$FF	SDM Recorded Vehicle Roll Rate (270 ms)	Data Not Available	deg/sec
DID $33 Byte 780	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $33 Byte 781	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID $33 Byte 782	$FF	SDM Recorded Vehicle Roll Rate (280 ms)	Data Not Available	deg/sec
DID $33 Byte 783	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $33 Byte 784	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID $33 Byte 785	$FF	SDM Recorded Vehicle Roll Rate (290 ms)	Data Not Available	deg/sec
DID $33 Byte 786	$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (290 ms)	Data Not Available	G
DID $33 Byte 787	$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (290 ms)	Data Not Available	G

Event Data General (part two)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $90 Byte 0	$32	Vehicle Identification Number (VIN) Digit 1	2	
DID $90 Byte 1	$47	Vehicle Identification Number (VIN) Digit 2	G	
DID $90 Byte 2	$4B	Vehicle Identification Number (VIN) Digit 3	K	
DID $90 Byte 3	$46	Vehicle Identification Number (VIN) Digit 4	F	
DID $90 Byte 4	$4C	Vehicle Identification Number (VIN) Digit 5	L	
DID $90 Byte 5	$57	Vehicle Identification Number (VIN) Digit 6	W	
DID $90 Byte 6	$45	Vehicle Identification Number (VIN) Digit 7	E	
DID $90 Byte 7	$33	Vehicle Identification Number (VIN) Digit 8	3	
DID $90 Byte 8	$33	Vehicle Identification Number (VIN) Digit 9	3	
DID $90 Byte 9	$44	Vehicle Identification Number (VIN) Digit 10	D	
DID $90 Byte 10	$36	Vehicle Identification Number (VIN) Digit 11	6	
DID $90 Byte 11	$32	Vehicle Identification Number (VIN) Digit 12	[redacted]	
DID $90 Byte12	$38	Vehicle Identification Number (VIN) Digit 13		
DID $90 Byte 13	$33	Vehicle Identification Number (VIN) Digit 14		
DID $90 Byte 14	$37	Vehicle Identification Number (VIN) Digit 15		
DID $90 Byte 15	$36	Vehicle Identification Number (VIN) Digit 16		
DID $90 Byte 16	$32	Vehicle Identification Number (VIN) Digit 17		
DID $9A Bytes 0-1	$0401	System Type		
DID $B4 Bytes 0-1	$4153	Manufacturing Traceability Data, Component Identifier	AS	
DID $B4 Bytes 2-5	$39333737	Manufacturing Traceability Data, Part Number/Broadcast Code	9377	
DID $B4 Byte 6	$45	ManufacturingTraceability Data, Supplier Code	E	
DID $B4 Bytes 7-15	$3035303639343 13531	Manufacturing Traceability Data, Traceability Number	050694151	
DID $C1 Bytes 0-3	$00CF5B82	Software Module Identifier 1	00CF5B82	
DID $C2 Bytes 0-3	$015DEDEB	Software Module Identifier 2	015DEDEB	
DID $C3 Bytes 0-3	$00CF2D7D	Software Module Identifier 3	00CF2D7D	
DID $CB Bytes 0-3	$00CF5B81	End Model Part Number	00CF5B81	

ATTORNEY OR PARTY WITHOUT ATTORNEY (Name, State Bar number, and address): [redacted]

FAX NO. (Optional): [redacted]

E-MAIL ADDRESS (Optional):

ATTORNEY FOR (Name): Plaintiff

FOR COURT USE ONLY

SUPERIOR COURT OF CALIFORNIA, COUNTY OF Riverside

STREET ADDRESS:

MAILING ADDRESS: [redacted]

CITY AND ZIP CODE: [redacted]

BRANCH NAME: Historical Courthouse

PLAINTIFF: [redacted]

DEFENDANT: [redacted]

☑ DOES 1 TO 10

COMPLAINT—Personal Injury, Property Damage, Wrongful Death

☐ AMENDED *(Number):*

Type *(check all that apply):*

☑ MOTOR VEHICLE ☑ OTHER *(specify):*

☑ Property Damage ☐ Wrongful Death

☑ Personal Injury ☐ Other Damages *(specify):*

Jurisdiction *(check all that apply):*

☐ ACTION IS A LIMITED CIVIL CASE

Amount demanded ☐ does not exceed $10,000

☐ exceeds $10,000, but does not exceed $25,000

☑ ACTION IS AN UNLIMITED CIVIL CASE (exceeds $25,000)

☐ ACTION IS RECLASSIFIED by this amended complaint

☐ from limited to unlimited

☐ from unlimited to limited

CASE NUMBER: [redacted]

1. Plaintiff *(name or names):* [redacted]

alleges causes of action against defendant *(name or names):* [redacted]

2. This pleading, including attachments and exhibits, consists of the following number of pages:

3. Each plaintiff named above is a competent adult

a. ☐ **except** plaintiff *(name):*

(1) ☐ a corporation qualified to do business in California

(2) ☐ an unincorporated entity *(describe):*

(3) ☐ a public entity *(describe):*

(4) ☐ a minor ☐ an adult

(a) ☐ for whom a guardian or conservator of the estate or a guardian ad litem has been appointed

(b) ☐ other *(specify):*

(5) ☐ other *(specify):*

b. ☐ **except** plaintiff *(name):*

(1) ☐ a corporation qualified to do business in California

(2) ☐ an unincorporated entity *(describe):*

(3) ☐ a public entity *(describe):*

(4) ☐ a minor ☐ an adult

(a) ☐ for whom a guardian or conservator of the estate or a guardian ad litem has been appointed

(b) ☐ other *(specify):*

(5) ☐ other *(specify):*

☐ Information about additional plaintiffs who are not competent adults is shown in Attachment 3.

Form Approved for Optional Use
Judicial Council of California
PLD-PI-001 [Rev. January 1, 2007]

Code of Civil Procedure, § 425.12
www.courtinfo.ca.gov

FIRST AMENDED

SHORT TITLE:	CASE NUMBER: [redacted]

4. ☐ Plaintiff *(name)*:
   is doing business under the fictitious name *(specify)*:

   and has complied with the fictitious business name laws.
5. Each defendant named above is a natural person
   a. ☑ **except** defendant *(name)*: General Motors LLC.
      (1) ☑ a business organization, form unknown
      (2) ☐ a corporation
      (3) ☐ an unincorporated entity *(describe)*:
      (4) ☐ a public entity *(describe)*:
      (5) ☐ other *(specify)*:
   b. ☑ **except** defendant *(name)*: Mercury Insurance Co
      (1) ☑ a business organization, form unknown
      (2) ☐ a corporation
      (3) ☐ an unincorporated entity *(describe)*:
      (4) ☐ a public entity *(describe)*:
      (5) ☐ other *(specify)*:
   c. ☐ **except** defendant *(name)*:
      (1) ☐ a business organization, form unknown
      (2) ☐ a corporation
      (3) ☐ an unincorporated entity *(describe)*:
      (4) ☐ a public entity *(describe)*:
      (5) ☐ other *(specify)*:
   d. ☐ **except** defendant *(name)*:
      (1) ☐ a business organization, form unknown
      (2) ☐ a corporation
      (3) ☐ an unincorporated entity *(describe)*:
      (4) ☐ a public entity *(describe)*:
      (5) ☐ other *(specify)*:

   ☐ Information about additional defendants who are not natural persons is contained in Attachment 5.
6. The true names of defendants sued as Does are unknown to plaintiff.
   a. ☑ Doe defendants *(specify Doe numbers)*: 1-5 were the agents or employees of other named defendants and acted within the scope of that agency or employment.
   b. ☑ Doe defendants *(specify Doe numbers)*: 6-10 are persons whose capacities are unknown to plaintiff.
7. ☐ Defendants who are joined under Code of Civil Procedure section 382 are *(names)*:

8. This court is the proper court because
   a. ☐ at least one defendant now resides in its jurisdictional area.
   b. ☐ the principal place of business of a defendant corporation or unincorporated association is in its jurisdictional area.
   c. ☑ injury to person or damage to personal property occurred in its jurisdictional area.
   d. ☐ other *(specify)*:

9. ☑ Plaintiff is required to comply with a claims statute, **and**
   a. ☑ has complied with applicable claims statutes, **or**
   b. ☐ is excused from complying because *(specify)*:

SHORT TITLE:	CASE NUMBER: [redacted]

10. The following causes of action are attached and the statements above apply to each *(each complaint must have one or more causes of action attached)*:
    a. [✓] Motor Vehicle
    b. [✓] General Negligence
    c. [ ] Intentional Tort
    d. [✓] Products Liability
    e. [ ] Premises Liability
    f. [ ] Other *(specify)*:

11. Plaintiff has suffered
    a. [✓] wage loss
    b. [✓] loss of use of property
    c. [✓] hospital and medical expenses
    d. [✓] general damage
    e. [✓] property damage
    f. [ ] loss of earning capacity
    g. [ ] other damage *(specify)*:

12. [ ] The damages claimed for wrongful death and the relationships of plaintiff to the deceased are
    a. [ ] listed in Attachment 12.
    b. [ ] as follows:

13. The relief sought in this complaint is within the jurisdiction of this court.

14. **Plaintiff prays** for judgment for costs of suit; for such relief as is fair, just, and equitable; and for
    a. (1) [✓] compensatory damages
    (2) [ ] punitive damages
    The amount of damages is *(in cases for personal injury or wrongful death, you must check (1))*:
    (1) [✓] according to proof
    (2) [ ] in the amount of: $

15. [ ] The paragraphs of this complaint alleged on information and belief are as follo[redacted]

Date: 08/18/2017

[redacted]
(TYPE OR PRINT NAME)

[redacted]

CARFAX® Vehicle History Report™

An independent company established in 1986

US $39.99

Vehicle Information:
2013 GMC TERRAIN SLT
VIN: 2GKFLWE33D6[redacted]
4 DOOR WAGON/SPORT UTILITY
3.6L V6 DIR DOHC 24V
FLEX FUEL
FRONT WHEEL DRIVE
Standard Equipment | Safety Options

CARFAX Report Provided By:
ESIS GM
300 Renaissance Ctr
Detroit, MI 48243
586-212-2141

- No accidents reported to CARFAX
- No other damage reported to CARFAX
- **2** Previous owners
- At least 1 open recall
- **4** Service history records
- **42,051** Last reported odometer reading



This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 8/15/17 at 1:21:21 PM (EDT). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

CARFAX Ownership History

The number of owners is estimated

	Owner 1	Owner 2
Year purchased	2013	2014
Type of owner	Rental	Personal
Estimated length of ownership	11 months	3 yrs. 4 mo.
Owned in the following states/provinces	California	California
Estimated miles driven per year	30,089/yr	---
Last reported odometer reading	30,273	42,051

CARFAX Title History

CARFAX guarantees the information in this section

	Owner 1	Owner 2
Salvage | Junk | Rebuilt | Fire | Flood | Hail | Lemon	Guaranteed No Problem	Guaranteed No Problem
Not Actual Mileage | Exceeds Mechanical Limits	Guaranteed No Problem	Guaranteed No Problem

GUARANTEED - None of these major title problems were reported by a state Department of Motor Vehicles (DMV). If you find that any of these title problems were reported by a DMV and not included in this report, CARFAX will buy this vehicle back. Register | View Terms

CARFAX Additional History

Not all accidents / issues are reported to CARFAX

	Owner 1	Owner 2

Total Loss No total loss reported to CARFAX.	No Issues Reported	No Issues Reported
Structural Damage No structural damage reported to CARFAX.	No Issues Reported	No Issues Reported
Airbag Deployment No airbag deployment reported to CARFAX.	No Issues Reported	No Issues Reported
Odometer Check No indication of an odometer rol back.	No Issues Indicated	No Issues Indicated
Accident / Damage No accidents or damage reported to CARFAX.	No Issues Reported	No Issues Reported
Manufacturer Recall At least 1 manufacturer recall requires service. Check for open recalls or schedule dealer service on GM vehicles at recalls.gm.com.	No Recalls Reported	**Recall Reported**

CARFAX Detailed History

Glossary

Owner 1

Purchased: 2013
Type: Rental
Where: California
Est. miles/year: 30,089/yr
Est. length owned: 2/27/13 - 2/17/14 (11 months)

Date:	Mileage:	Source:	Comments:
Original Equipment		OnStar	Vehicle equipped with OnStar Get 3 free months of premium OnStar with Automatic Crash Response, Roadside Assistance and Remote Door Unlock by pressing the blue OnStar button Learn more
02/27/2013	6	California Motor Vehicle Dept. Tulsa, OK	Title issued or updated First owner reported Titled or registered as rental vehicle
10/08/2013	23,130	Pep Boys Inglewood, CA 213-678-2255 pepboys.com	Oil and filter changed Tires rotated
02/17/2014	29,271	Fleet/Lease Company	Vehicle sold
02/19/2014	30,263	Hardin Buick Pontiac GMC Anaheim, CA 714-635-2020 hardinbuick.com	Vehicle offered for sale
02/22/2014		GMC Certified Dealer Anaheim, CA	Offered for sale as a GMC Certified Pre-Owned Vehicle Silver exterior
02/25/2014		Hardin Buick Pontiac GMC Anaheim, CA 714-635-2020 hardinbuick.com	Pre-delivery inspection completed Oil and filter changed Tire condition and pressure checked Vehicle washed/detailed
03/13/2014	30,273	Hardin Buick Pontiac GMC Anaheim, CA 714-635-2020 hardinbuick.com	Vehicle sold
03/13/2014		Service Plan Co. Santa Ana, CA	Service contract issued
03/14/2014			Sold as a GMC Certified Pre-owned vehicle

GMC Certified Dealer
Anaheim, CA

Owner 2

Purchased:	2014
Type:	Personal
Where:	California
Est. length owned:	3/28/14 - present (3 yrs. 4 mo.)

Date:	Mileage:	Source:	Comments:
03/28/2014		California Motor Vehicle Dept. Santa Ana, CA	Title issued or updated New owner reported Loan or lien reported
			 Avoid financial headaches. Make sure the loan has been paid off if you're buying from a private seller.
02/10/2015	35,626	Hardin Buick Pontiac GMC Anaheim, CA 714-635-2020 hardinbuick.com	Maintenance inspection completed Battery/charging system checked Fluids checked Tire condition and pressure checked Tire pressure monitoring system reset
10/19/2015	42,051	Hardin Buick GMC Anaheim, CA 714-635-2020 hardinbuickgmc.com	Maintenance inspection completed Battery/charging system checked Fluids checked Tire condition and pressure checked Tire pressure monitoring system reset Vehicle washed/detailed
03/23/2017		General Motors	Manufacturer Safety recall issued Recall #2025302 FRONT WIPER TRANSMISSION CORROSION FAILURE USA VEHICLES ONLY Locate an authorized General Motors dealer to obtain more information about this recall.

Have Questions? Consumers, please visit our Help Center at www.carfax.com. Dealers or Subscribers, please visit our Help Center at www.carfaxonline.com.

CARFAX Glossary

View Full Glossary

First Owner
When the first owner(s) obtains a title from a Department of Motor Vehicles as proof of ownership.

Manufacturer Recall
Automobile manufacturers issue recall notices to inform owners of car defects that have come to the manufacturer's attention. Recalls also suggest improvements that can be made to improve the safety of a particular vehicle. Most manufacturer recalls can be repaired at no cost to you.

New Owner Reported
When a vehicle is sold to a new owner, the Title must be transferred to the new owner(s) at a Department of Motor Vehicles.

Ownership History
CARFAX defines an owner as an individual or business that possesses and uses a vehicle. Not all title transactions represent changes in ownership. To provide estimated number of owners, CARFAX proprietary technology analyzes all the events in a vehicle history. Estimated ownership is available for vehicles manufactured after 1991 and titled solely in the US including Puerto Rico. Dealers sometimes opt to take ownership of a vehicle and are required to in the following states: Maine, Massachusetts, New Jersey, Ohio, Oklahoma, Pennsylvania and South Dakota. Please consider this as you review a vehicle's estimated ownership history.

Rental
Vehicle was registered by a rental agency.

Title Issued
A state issues a title to provide a vehicle owner with proof of ownership. Each title has a unique number. Each title or registration record on a CARFAX report does not necessarily indicate a change in ownership. In Canada, a registration and bill of sale are used as proof of ownership.

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Covered by United States Patent Nos. 7,113,853; 7,778,841; 7,596,512, 8,600,823; 8,595,079; 8,606,648; 7,505,838.
8/15/17 1:21:21 PM (EDT)

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are access ble using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	2GKFLWE33D6[redacted]
User	[redacted]
Case Number	[redacted]
EDR Data Imaging Date	10/03/2017
Crash Date	12/31/2016
Filename	2GKFLWE33D6[redacted] ACM.CDRX
Saved on	Tuesday, October 3 2017 at 16:47:09
Imaged with CDR version	Crash Data Retrieval Tool 17.4.1
Imaged with Software Licensed to (Company Name)	ESIS GM - CA
Reported with CDR version	Crash Data Retrieval Tool 17.4.1
Reported with Software Licensed to (Company Name)	ESIS GM - CA
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment, Deployment, Deployment

Comments

persons see list
location selman chevrolet orange ca
mileage 63032
lamp on continuously
powered by portable battery
data collected from dlc

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

-Pretensioner(s) only Deployment
-Head Rest Deployment
-Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.
Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events.
The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment and Non-Deployment Events, the SDM will record up to 300 milliseconds of data after time zero. The SDM will also record up to 300 milliseconds of Vehicle Acceleration data after time zero.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.
-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:

-Significant changes in the tire's rolling radius
-Final drive axle ratio changes
-Wheel lockup and wheel slip

-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
-The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
-No data is received from the module sending the pre-crash data
-For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
-The GM parameter name is displayed in parentheses after the NHTSA Part 563 parameter name.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:
All SDM recorded data is measured, calculated, and stored internally, except for the following:
-Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01042_SDM10P-autoliv_r017

System Status at Time of Retrieval

Dynamic Deployment Event Counter	2
Multi-Event, Number of Events (Dynamic Event Counter)	3
Dynamic OnStar Notification Event Counter	2
Vehicle Identification Number (VIN)	2GKFLWE33D6[redacted]
Ignition Cycle, Download (Ignition Cycles at Investigation)	6197
End Model Part Number	00CF5B81
System Type	Autoliv
Software Module Identifier 1	00CF5B82
Software Module Identifier 2	015DEDEB
Software Module Identifier 3	00CF2D7D
Manufacturing Traceability Data, Component Identifier	AS
Manufacturing Traceability Data, Part Number/Broadcast Code	9377
Manufacturing Traceability Data, Supplier Code	E
Manufacturing Traceability Data, Traceability Number	050694151
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	2577
ESS # 1 Traceability Data, Supplier Code	E
ESS # 1 Traceability Data, Traceability Number	0176078FF
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	2577
ESS # 2 Traceability Data, Supplier Code	E
ESS # 2 Traceability Data, Traceability Number	017654074
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	2577
ESS # 3 Traceability Data, Supplier Code	E
ESS # 3 Traceability Data, Traceability Number	0176502C4
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	2577
ESS # 4 Traceability Data, Supplier Code	E
ESS # 4 Traceability Data, Traceability Number	01772197A
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	4936
ESS # 5 Traceability Data, Supplier Code	E
ESS # 5 Traceability Data, Traceability Number	01770CCB1
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	4936
ESS # 6 Traceability Data, Supplier Code	E
ESS # 6 Traceability Data, Traceability Number	0176B477E
ESS # 7 Traceability Data, Component Identifier	00
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	E
ESS # 7 Traceability Data, Traceability Number	000000000
ESS # 8 Traceability Data, Component Identifier	00
ESS # 8 Traceability Data, Part Number/Broadcast Code	0000
ESS # 8 Traceability Data, Supplier Code	E
ESS # 8 Traceability Data, Traceability Number	000000000

System Status at Event (Event Record 1)

Event Record Type	Non-Deployment
OnStar Deployment Status Data Sent	No
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	No
OnStar SDM Recorded Vehicle Velocity Change Data Sent	No
Deployment Event Counter	0
Multi-Event, Number of Events (Event Counter)	1
OnStar Notification Event Counter	0
Time From Event 1 to 2 (Time Between Events) (seconds)	Data Not Available
Ignition Cycle, Crash (Ignition Cycles at Event)	6186
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
Concurrent Event Flag Set	No
Event Severity Status: Frontal Pretensioner	No
Event Severity Status: Frontal Stage 1	No
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Left Side	No
Event Severity Status: Right Side	No
Event Severity Status: Rear	No
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled
Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Buckled
Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available
Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Occupied
Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Small Adult)
Passenger Air Bag ON Indicator Status	On
Passenger Air Bag OFF Indicator Status	Off
Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	On
Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	5977
Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253
Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-6 [-10]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	174
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-7 [-12]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	176

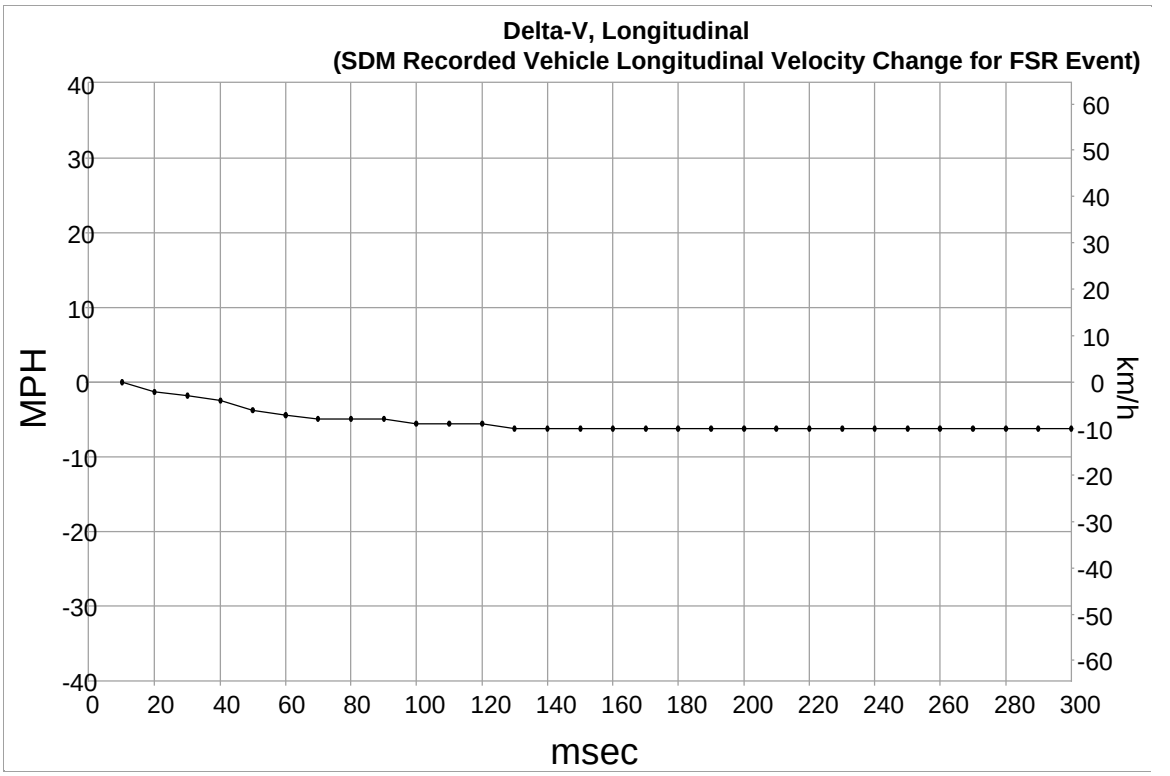
DTCs Present at Time of Event (Event Record 1)

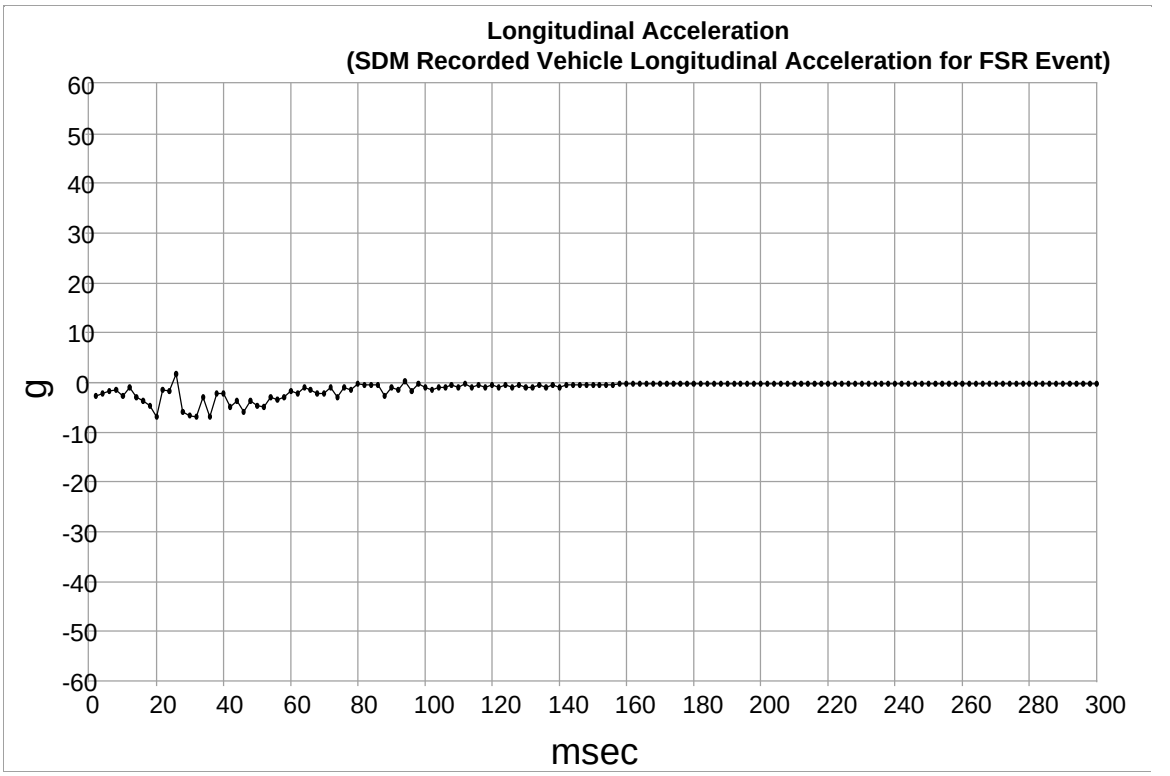
No Diagnostic Trouble Codes

Event Data (Event Record 1)

Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded	No
Passenger Pretensioner Deployment Loop #2 Commanded	No
Driver Thorax Loop Commanded	No
Passenger Thorax Loop Commanded	No
Left Row 1 Roof Rail/Head Curtain Loop Commanded	No
Right Row 1 Roof Rail/Head Curtain Loop Commanded	No
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	Data Not Available

Longitudinal Crash Pulse (Event Record 1)





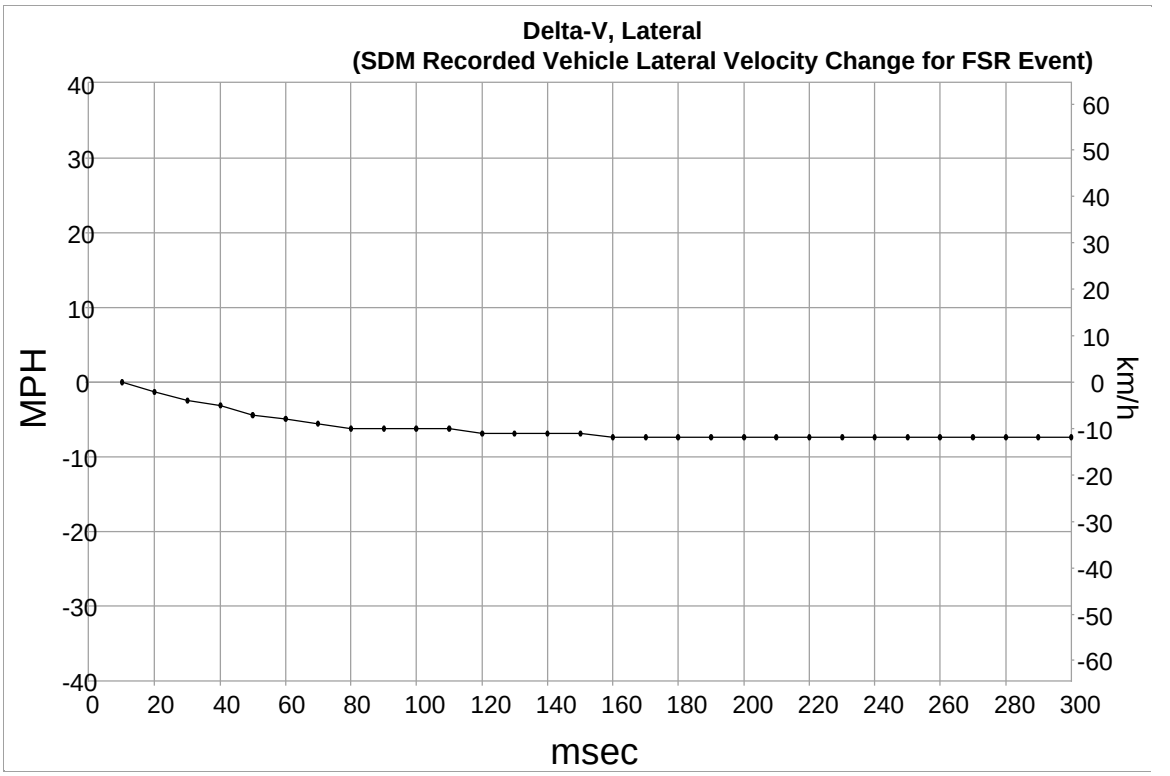
Longitudinal Crash Pulse (Event Record 1)

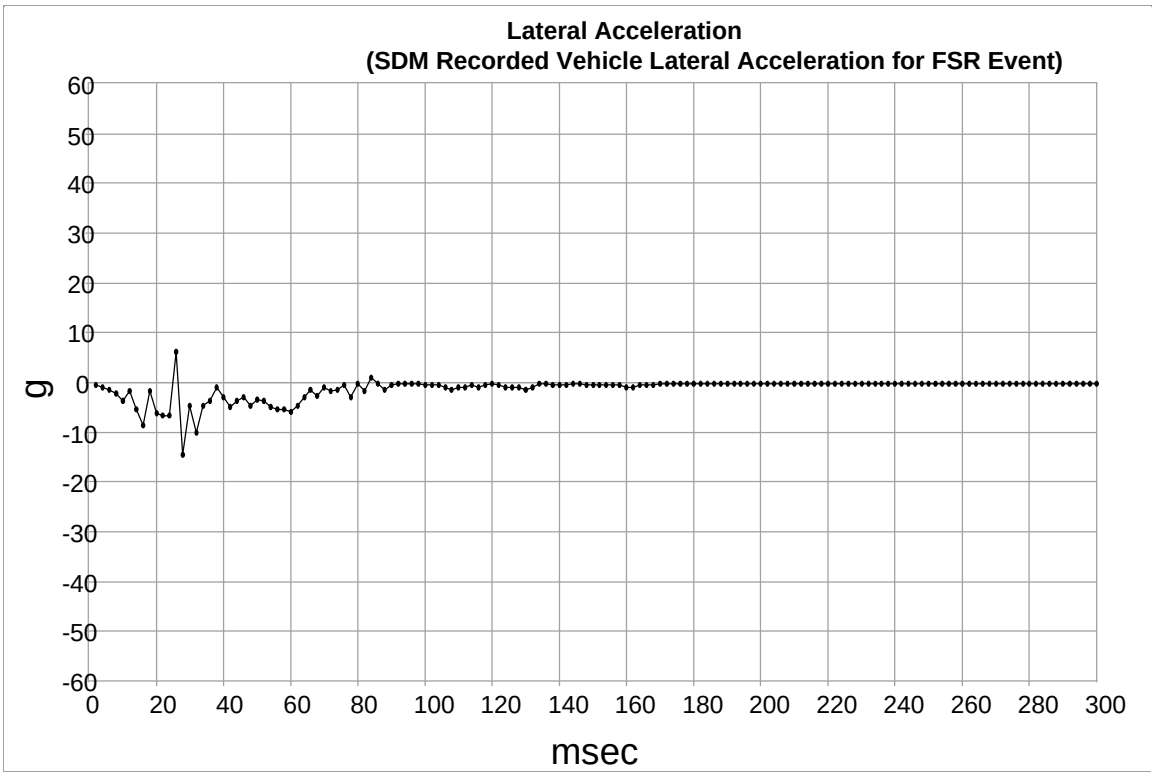
Time (msec)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (MPH)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	-1.2	-2.0
30	-1.9	-3.0
40	-2.5	-4.0
50	-3.7	-6.0
60	-4.3	-7.0
70	-5.0	-8.0
80	-5.0	-8.0
90	-5.0	-8.0
100	-5.6	-9.0
110	-5.6	-9.0
120	-5.6	-9.0
130	-6.2	-10.0
140	-6.2	-10.0
150	-6.2	-10.0
160	-6.2	-10.0
170	-6.2	-10.0
180	-6.2	-10.0
190	-6.2	-10.0
200	-6.2	-10.0
210	-6.2	-10.0
220	-6.2	-10.0
230	-6.2	-10.0
240	-6.2	-10.0
250	-6.2	-10.0
260	-6.2	-10.0
270	-6.2	-10.0
280	-6.2	-10.0
290	-6.2	-10.0
300	-6.2	-10.0

Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-2.6	102	-1.4	202	-0.2
4	-2.2	104	-1.0	204	-0.2
6	-1.8	106	-1.0	206	-0.2
8	-1.4	108	-0.6	208	-0.2
10	-2.6	110	-1.0	210	-0.2
12	-1.0	112	-0.2	212	-0.2
14	-3.0	114	-1.0	214	-0.2
16	-3.8	116	-0.6	216	-0.2
18	-4.6	118	-1.0	218	-0.2
20	-7.0	120	-0.6	220	-0.2
22	-1.4	122	-1.0	222	-0.2
24	-1.8	124	-0.6	224	-0.2
26	1.8	126	-1.0	226	-0.2
28	-5.8	128	-0.6	228	-0.2
30	-6.6	130	-1.0	230	-0.2
32	-7.0	132	-1.0	232	-0.2
34	-3.0	134	-0.6	234	-0.2
36	-7.0	136	-1.0	236	-0.2
38	-2.2	138	-0.6	238	-0.2
40	-2.2	140	-1.0	240	-0.2
42	-5.0	142	-0.6	242	-0.2
44	-3.8	144	-0.6	244	-0.2
46	-5.8	146	-0.6	246	-0.2
48	-3.8	148	-0.6	248	-0.2
50	-4.6	150	-0.6	250	-0.2
52	-5.0	152	-0.6	252	-0.2
54	-3.0	154	-0.6	254	-0.2
56	-3.4	156	-0.6	256	-0.2
58	-3.0	158	-0.2	258	-0.2
60	-1.8	160	-0.2	260	-0.2
62	-2.2	162	-0.2	262	-0.2
64	-1.0	164	-0.2	264	-0.2
66	-1.4	166	-0.2	266	-0.2
68	-2.2	168	-0.2	268	-0.2
70	-2.2	170	-0.2	270	-0.2
72	-1.0	172	-0.2	272	-0.2
74	-3.0	174	-0.2	274	-0.2
76	-1.0	176	-0.2	276	-0.2
78	-1.4	178	-0.2	278	-0.2
80	-0.2	180	-0.2	280	-0.2
82	-0.6	182	-0.2	282	-0.2
84	-0.6	184	-0.2	284	-0.2
86	-0.6	186	-0.2	286	-0.2
88	-2.6	188	-0.2	288	-0.2
90	-1.0	190	-0.2	290	-0.2
92	-1.4	192	-0.2	292	-0.2
94	0.2	194	-0.2	294	-0.2
96	-1.8	196	-0.2	296	-0.2
98	-0.2	198	-0.2	298	-0.2
100	-1.0	200	-0.2	300	-0.2

Lateral Crash Pulse (Event Record 1)





Lateral Crash Pulse (Event Record 1)

Time (msec)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (MPH)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	-1.2	-2.0
30	-2.5	-4.0
40	-3.1	-5.0
50	-4.3	-7.0
60	-5.0	-8.0
70	-5.6	-9.0
80	-6.2	-10.0
90	-6.2	-10.0
100	-6.2	-10.0
110	-6.2	-10.0
120	-6.8	-11.0
130	-6.8	-11.0
140	-6.8	-11.0
150	-6.8	-11.0
160	-7.5	-12.0
170	-7.5	-12.0
180	-7.5	-12.0
190	-7.5	-12.0
200	-7.5	-12.0
210	-7.5	-12.0
220	-7.5	-12.0
230	-7.5	-12.0
240	-7.5	-12.0
250	-7.5	-12.0
260	-7.5	-12.0
270	-7.5	-12.0
280	-7.5	-12.0
290	-7.5	-12.0
300	-7.5	-12.0

Lateral Crash Pulse (Event Record 1)

Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)
2	-0.6	102	-0.6	202	-0.2
4	-1.0	104	-0.6	204	-0.2
6	-1.4	106	-1.0	206	-0.2
8	-2.2	108	-1.4	208	-0.2
10	-3.8	110	-1.0	210	-0.2
12	-1.8	112	-1.0	212	-0.2
14	-5.4	114	-0.6	214	-0.2
16	-8.6	116	-1.0	216	-0.2
18	-1.8	118	-0.6	218	-0.2
20	-6.2	120	-0.2	220	-0.2
22	-6.6	122	-0.6	222	-0.2
24	-6.6	124	-1.0	224	-0.2
26	6.2	126	-1.0	226	-0.2
28	-14.6	128	-1.0	228	-0.2
30	-4.6	130	-1.4	230	-0.2
32	-10.2	132	-1.0	232	-0.2
34	-4.6	134	-0.2	234	-0.2
36	-3.8	136	-0.2	236	-0.2
38	-1.0	138	-0.6	238	-0.2
40	-3.0	140	-0.6	240	-0.2
42	-5.0	142	-0.6	242	-0.2
44	-3.8	144	-0.2	244	-0.2
46	-3.0	146	-0.2	246	-0.2
48	-4.6	148	-0.6	248	-0.2
50	-3.4	150	-0.6	250	-0.2
52	-3.8	152	-0.6	252	-0.2
54	-5.0	154	-0.6	254	-0.2
56	-5.4	156	-0.6	256	-0.2
58	-5.4	158	-0.6	258	-0.2
60	-5.8	160	-1.0	260	-0.2
62	-4.6	162	-1.0	262	-0.2
64	-3.0	164	-0.6	264	-0.2
66	-1.4	166	-0.6	266	-0.2
68	-2.6	168	-0.6	268	-0.2
70	-1.0	170	-0.2	270	-0.2
72	-1.8	172	-0.2	272	-0.2
74	-1.4	174	-0.2	274	-0.2
76	-0.6	176	-0.2	276	-0.2
78	-3.0	178	-0.2	278	-0.2
80	-0.2	180	-0.2	280	-0.2
82	-1.8	182	-0.2	282	-0.2
84	1.0	184	-0.2	284	-0.2
86	-0.2	186	-0.2	286	-0.2
88	-1.4	188	-0.2	288	-0.2
90	-0.6	190	-0.2	290	-0.2
92	-0.2	192	-0.2	292	-0.2
94	-0.2	194	-0.2	294	-0.2
96	-0.2	196	-0.2	296	-0.2
98	-0.2	198	-0.2	298	-0.2
100	-0.6	200	-0.2	300	-0.2

Rollover Crash Pulse (Event Record 1)
SDM Recorded Vehicle Roll Rate

Contains No Recorded Data

Rollover Crash Pulse (Event Record 1)
Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event)

Contains No Recorded Data

Vertical Crash Pulse (Event Record 1)
Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event)

Contains No Recorded Data

Pre-Crash Data -5.0 to -0.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	11	Off	1792	28	69 [111]
-4.5	11	Off	1728	28	68 [110]
-4.0	10	Off	1728	27	68 [109]
-3.5	0	Off	1792	18	67 [108]
-3.0	0	On	896	13	32 [51]
-2.5	0	On	768	14	36 [58]
-2.0	0	On	960	16	34 [55]
-1.5	0	On	1088	15	23 [37]
-1.0	0	On	1344	18	29 [47]
-0.5	0	On	1408	21	40 [64]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 1)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	4 [6]	Off
-1.5	No	No	No	-6 [-8]	Off
-1.0	No	No	No	7 [9]	Off
-0.5	No	No	No	14 [19]	Off

System Status at Event (Event Record 2)

Event Record Type	Deployment
OnStar Deployment Status Data Sent	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	Yes
OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes
Deployment Event Counter	1
Multi-Event, Number of Events (Event Counter)	2
OnStar Notification Event Counter	1
Time From Event 1 to 2 (Time Between Events) (seconds)	0.31
Ignition Cycle, Crash (Ignition Cycles at Event)	6186
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
Concurrent Event Flag Set	No
Event Severity Status: Frontal Pretensioner	Yes
Event Severity Status: Frontal Stage 1	No
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Left Side	No
Event Severity Status: Right Side	Yes
Event Severity Status: Rear	No
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled
Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Buckled
Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available
Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Occupied
Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Small Adult)
Passenger Air Bag ON Indicator Status	On
Passenger Air Bag OFF Indicator Status	Off
Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	On
Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	5977
Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253
Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-1 [-1]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	196
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-7 [-12]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	52

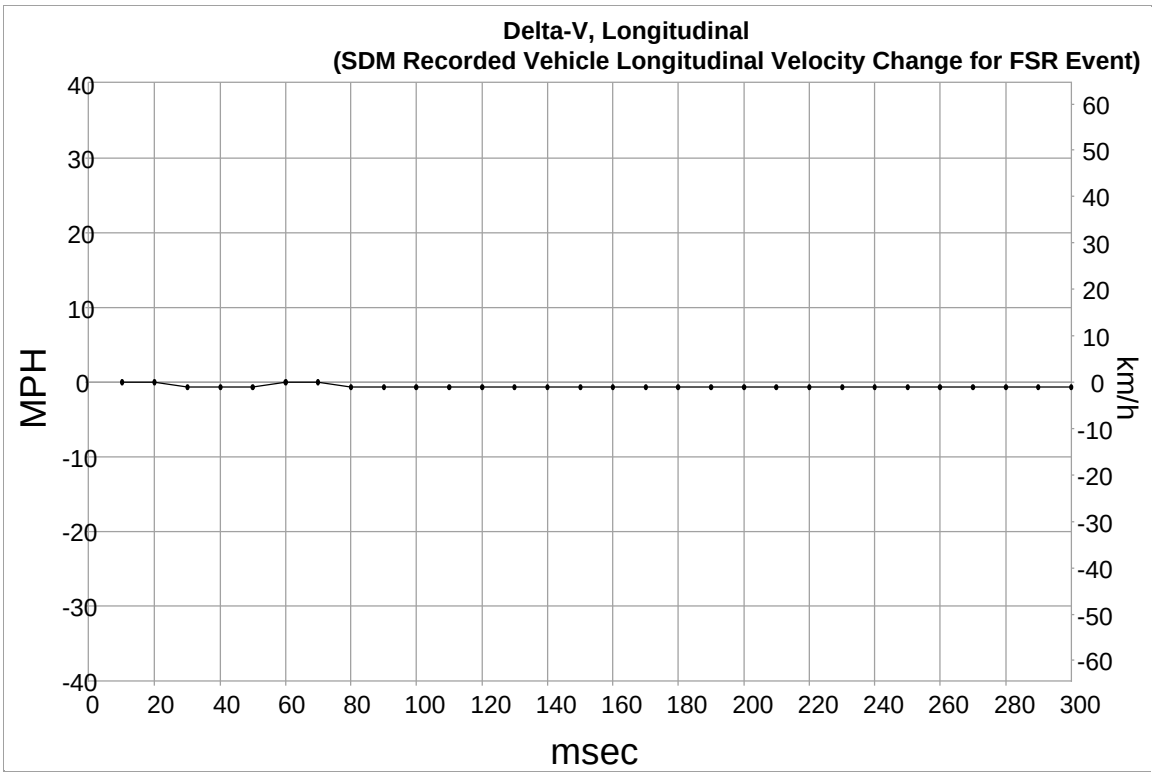
DTCs Present at Time of Event (Event Record 2)

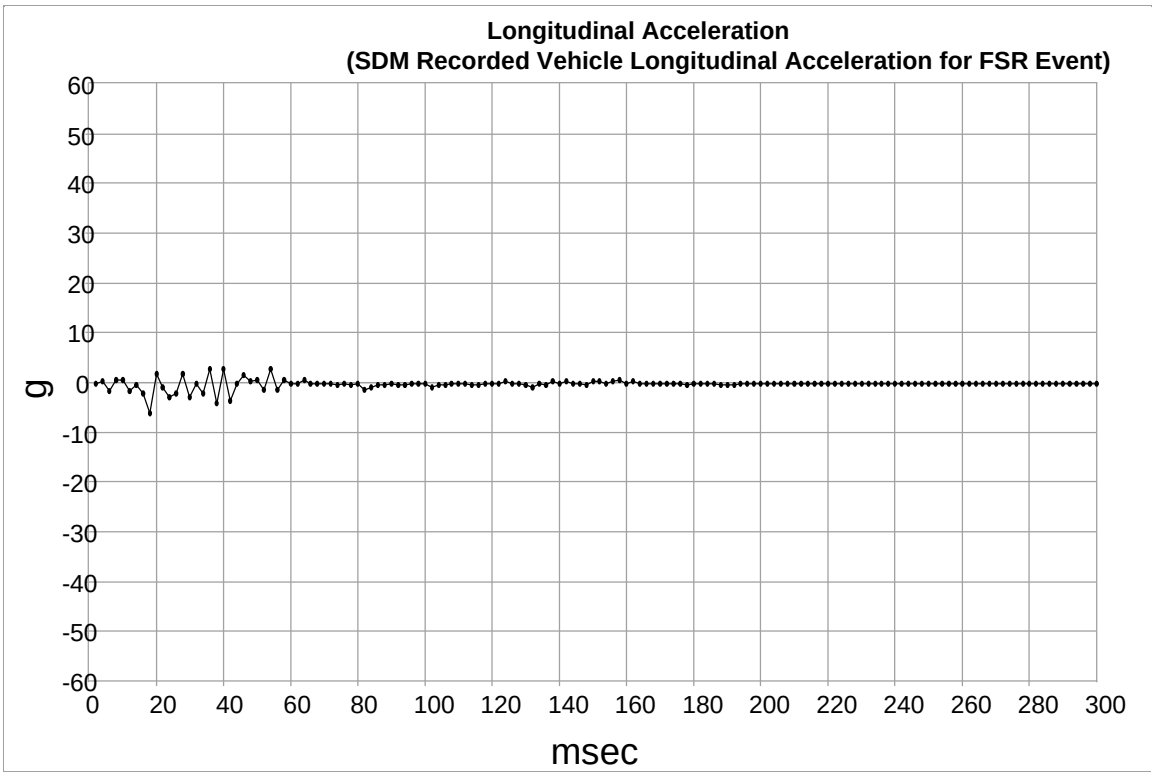
B0052-00

Event Data (Event Record 2)

Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	Yes
Passenger Pretensioner Deployment Loop #1 Commanded	Yes
Driver Pretensioner Deployment Loop #2 Commanded	Yes
Passenger Pretensioner Deployment Loop #2 Commanded	Yes
Driver Thorax Loop Commanded	No
Passenger Thorax Loop Commanded	Yes
Left Row 1 Roof Rail/Head Curtain Loop Commanded	Yes
Right Row 1 Roof Rail/Head Curtain Loop Commanded	Yes
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	18
Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	18
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	18
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	18

Longitudinal Crash Pulse (Event Record 2)





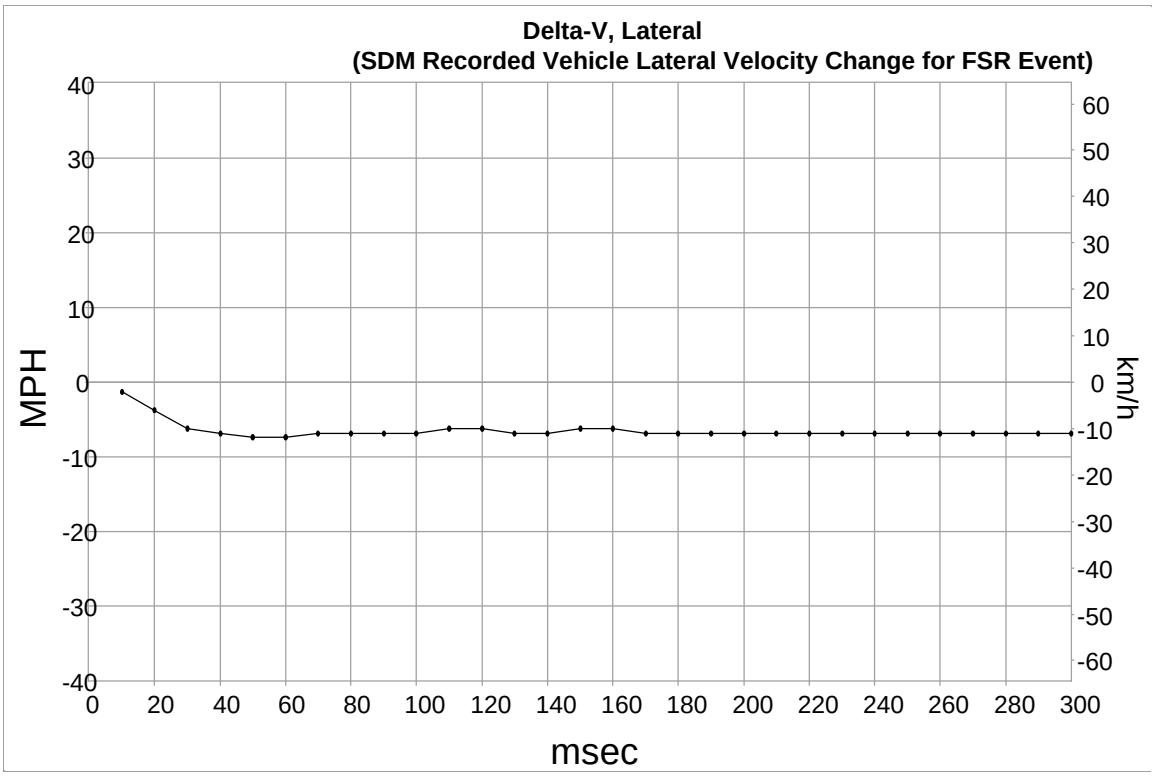
Longitudinal Crash Pulse (Event Record 2)

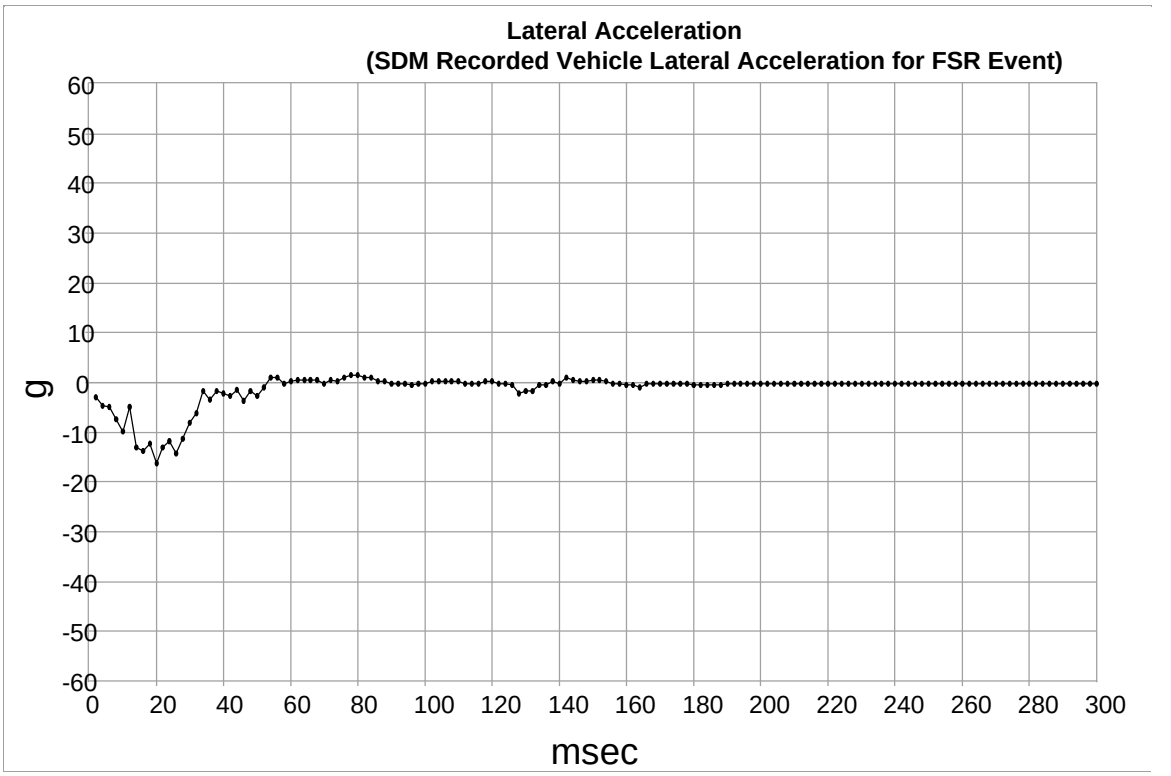
Time (msec)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (MPH)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	0.0	0.0
30	-0.6	-1.0
40	-0.6	-1.0
50	-0.6	-1.0
60	0.0	0.0
70	0.0	0.0
80	-0.6	-1.0
90	-0.6	-1.0
100	-0.6	-1.0
110	-0.6	-1.0
120	-0.6	-1.0
130	-0.6	-1.0
140	-0.6	-1.0
150	-0.6	-1.0
160	-0.6	-1.0
170	-0.6	-1.0
180	-0.6	-1.0
190	-0.6	-1.0
200	-0.6	-1.0
210	-0.6	-1.0
220	-0.6	-1.0
230	-0.6	-1.0
240	-0.6	-1.0
250	-0.6	-1.0
260	-0.6	-1.0
270	-0.6	-1.0
280	-0.6	-1.0
290	-0.6	-1.0
300	-0.6	-1.0

Longitudinal Crash Pulse (Event Record 2)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-0.2	102	-1.0	202	-0.2
4	0.2	104	-0.6	204	-0.2
6	-1.8	106	-0.6	206	-0.2
8	0.6	108	-0.2	208	-0.2
10	0.6	110	-0.2	210	-0.2
12	-1.8	112	-0.2	212	-0.2
14	-0.6	114	-0.6	214	-0.2
16	-2.2	116	-0.6	216	-0.2
18	-6.2	118	-0.2	218	-0.2
20	1.8	120	-0.2	220	-0.2
22	-1.0	122	-0.2	222	-0.2
24	-3.0	124	0.2	224	-0.2
26	-2.2	126	-0.2	226	-0.2
28	1.8	128	-0.2	228	-0.2
30	-3.0	130	-0.6	230	-0.2
32	-0.2	132	-1.0	232	-0.2
34	-2.2	134	-0.2	234	-0.2
36	2.6	136	-0.6	236	-0.2
38	-4.2	138	0.2	238	-0.2
40	2.6	140	-0.2	240	-0.2
42	-3.8	142	0.2	242	-0.2
44	-0.2	144	-0.2	244	-0.2
46	1.4	146	-0.2	246	-0.2
48	0.2	148	-0.6	248	-0.2
50	0.6	150	0.2	250	-0.2
52	-1.4	152	0.2	252	-0.2
54	2.6	154	-0.2	254	-0.2
56	-1.4	156	0.2	256	-0.2
58	0.6	158	0.6	258	-0.2
60	-0.2	160	-0.2	260	-0.2
62	-0.2	162	0.2	262	-0.2
64	0.6	164	-0.2	264	-0.2
66	-0.2	166	-0.2	266	-0.2
68	-0.2	168	-0.2	268	-0.2
70	-0.2	170	-0.2	270	-0.2
72	-0.2	172	-0.2	272	-0.2
74	-0.6	174	-0.2	274	-0.2
76	-0.2	176	-0.2	276	-0.2
78	-0.6	178	-0.6	278	-0.2
80	-0.2	180	-0.2	280	-0.2
82	-1.4	182	-0.2	282	-0.2
84	-1.0	184	-0.2	284	-0.2
86	-0.6	186	-0.2	286	-0.2
88	-0.6	188	-0.6	288	-0.2
90	-0.2	190	-0.6	290	-0.2
92	-0.6	192	-0.6	292	-0.2
94	-0.6	194	-0.2	294	-0.2
96	-0.2	196	-0.2	296	-0.2
98	-0.2	198	-0.2	298	-0.2
100	-0.2	200	-0.2	300	-0.2

Lateral Crash Pulse (Event Record 2)





Lateral Crash Pulse (Event Record 2)

Time (msec)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (MPH)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (km/h)
10	-1.2	-2.0
20	-3.7	-6.0
30	-6.2	-10.0
40	-6.8	-11.0
50	-7.5	-12.0
60	-7.5	-12.0
70	-6.8	-11.0
80	-6.8	-11.0
90	-6.8	-11.0
100	-6.8	-11.0
110	-6.2	-10.0
120	-6.2	-10.0
130	-6.8	-11.0
140	-6.8	-11.0
150	-6.2	-10.0
160	-6.2	-10.0
170	-6.8	-11.0
180	-6.8	-11.0
190	-6.8	-11.0
200	-6.8	-11.0
210	-6.8	-11.0
220	-6.8	-11.0
230	-6.8	-11.0
240	-6.8	-11.0
250	-6.8	-11.0
260	-6.8	-11.0
270	-6.8	-11.0
280	-6.8	-11.0
290	-6.8	-11.0
300	-6.8	-11.0

Lateral Crash Pulse (Event Record 2)

Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)
2	-3.0	102	0.2	202	-0.2
4	-4.6	104	0.2	204	-0.2
6	-5.0	106	0.2	206	-0.2
8	-7.4	108	0.2	208	-0.2
10	-9.8	110	0.2	210	-0.2
12	-5.0	112	-0.2	212	-0.2
14	-13.0	114	-0.2	214	-0.2
16	-13.8	116	-0.2	216	-0.2
18	-12.2	118	0.2	218	-0.2
20	-16.2	120	0.2	220	-0.2
22	-13.0	122	-0.2	222	-0.2
24	-11.8	124	-0.2	224	-0.2
26	-14.2	126	-0.6	226	-0.2
28	-11.4	128	-2.2	228	-0.2
30	-8.2	130	-1.8	230	-0.2
32	-6.2	132	-1.8	232	-0.2
34	-1.8	134	-0.6	234	-0.2
36	-3.4	136	-0.6	236	-0.2
38	-1.8	138	0.2	238	-0.2
40	-2.2	140	-0.2	240	-0.2
42	-2.6	142	1.0	242	-0.2
44	-1.4	144	0.6	244	-0.2
46	-3.8	146	0.2	246	-0.2
48	-1.8	148	0.2	248	-0.2
50	-2.6	150	0.6	250	-0.2
52	-1.0	152	0.6	252	-0.2
54	1.0	154	0.2	254	-0.2
56	1.0	156	-0.2	256	-0.2
58	-0.2	158	-0.2	258	-0.2
60	0.2	160	-0.6	260	-0.2
62	0.6	162	-0.6	262	-0.2
64	0.6	164	-1.0	264	-0.2
66	0.6	166	-0.2	266	-0.2
68	0.6	168	-0.2	268	-0.2
70	-0.2	170	-0.2	270	-0.2
72	0.6	172	-0.2	272	-0.2
74	0.2	174	-0.2	274	-0.2
76	1.0	176	-0.2	276	-0.2
78	1.4	178	-0.2	278	-0.2
80	1.4	180	-0.6	280	-0.2
82	1.0	182	-0.6	282	-0.2
84	1.0	184	-0.6	284	-0.2
86	0.2	186	-0.6	286	-0.2
88	0.2	188	-0.6	288	-0.2
90	-0.2	190	-0.2	290	-0.2
92	-0.2	192	-0.2	292	-0.2
94	-0.2	194	-0.2	294	-0.2
96	-0.6	196	-0.2	296	-0.2
98	-0.2	198	-0.2	298	-0.2
100	-0.2	200	-0.2	300	-0.2

Rollover Crash Pulse (Event Record 2)
SDM Recorded Vehicle Roll Rate

Contains No Recorded Data

Rollover Crash Pulse (Event Record 2)
Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event)

Contains No Recorded Data

Vertical Crash Pulse (Event Record 2)
Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event)

Contains No Recorded Data

Pre-Crash Data -5.0 to -0.5 sec (Event Record 2)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	11	Off	1728	28	68 [110]
-4.5	10	Off	1728	27	68 [109]
-4.0	0	Off	1792	18	67 [108]
-3.5	0	On	896	13	32 [51]
-3.0	0	On	768	14	36 [58]
-2.5	0	On	960	16	34 [55]
-2.0	0	On	1088	15	23 [37]
-1.5	0	On	1344	18	29 [47]
-1.0	0	On	1408	21	40 [64]
-0.5	0	On	1280	19	19 [31]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 2)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	-6 [-8]	Off
-1.5	No	No	No	7 [9]	Off
-1.0	No	No	No	14 [19]	Off
-0.5	No	No	No	8 [11]	Off

System Status at Event (Event Record 3)

Event Record Type	Deployment
OnStar Deployment Status Data Sent	Yes
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	Yes
OnStar SDM Recorded Vehicle Velocity Change Data Sent	Yes
Deployment Event Counter	2
Multi-Event, Number of Events (Event Counter)	3
OnStar Notification Event Counter	2
Time From Event 1 to 2 (Time Between Events) (seconds)	3.42
Ignition Cycle, Crash (Ignition Cycles at Event)	6186
Algorithm Active: Frontal	Yes
Algorithm Active: Side	Yes
Algorithm Active: Rollover	Yes
Algorithm Active: Rear	No
Concurrent Event Flag Set	No
Event Severity Status: Frontal Pretensioner	Yes
Event Severity Status: Frontal Stage 1	No
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Left Side	Yes
Event Severity Status: Right Side	No
Event Severity Status: Rear	No
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled
Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Buckled
Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available
Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Passenger Seat Occupancy Status	Occupied
Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Small Adult)
Passenger Air Bag ON Indicator Status	On
Passenger Air Bag OFF Indicator Status	Off
Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	On
Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	5977
Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253
Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-1 [-2]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	350
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	18 [29]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	140

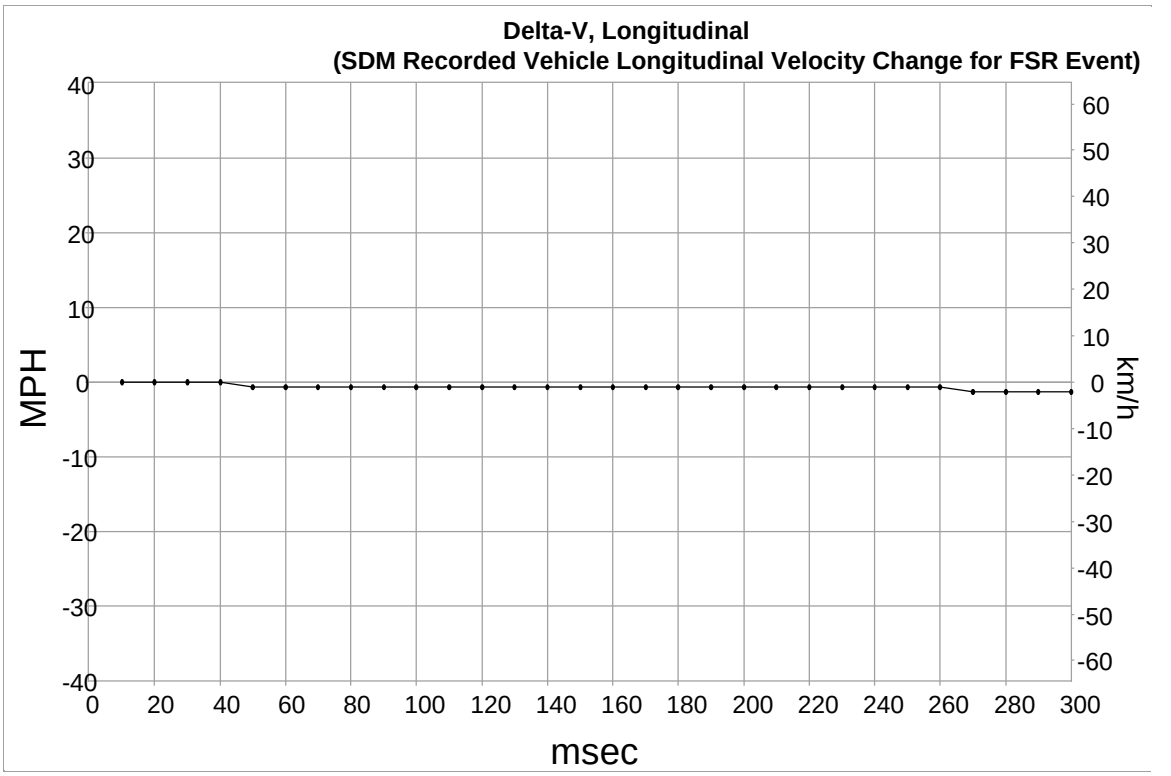
DTCs Present at Time of Event (Event Record 3)

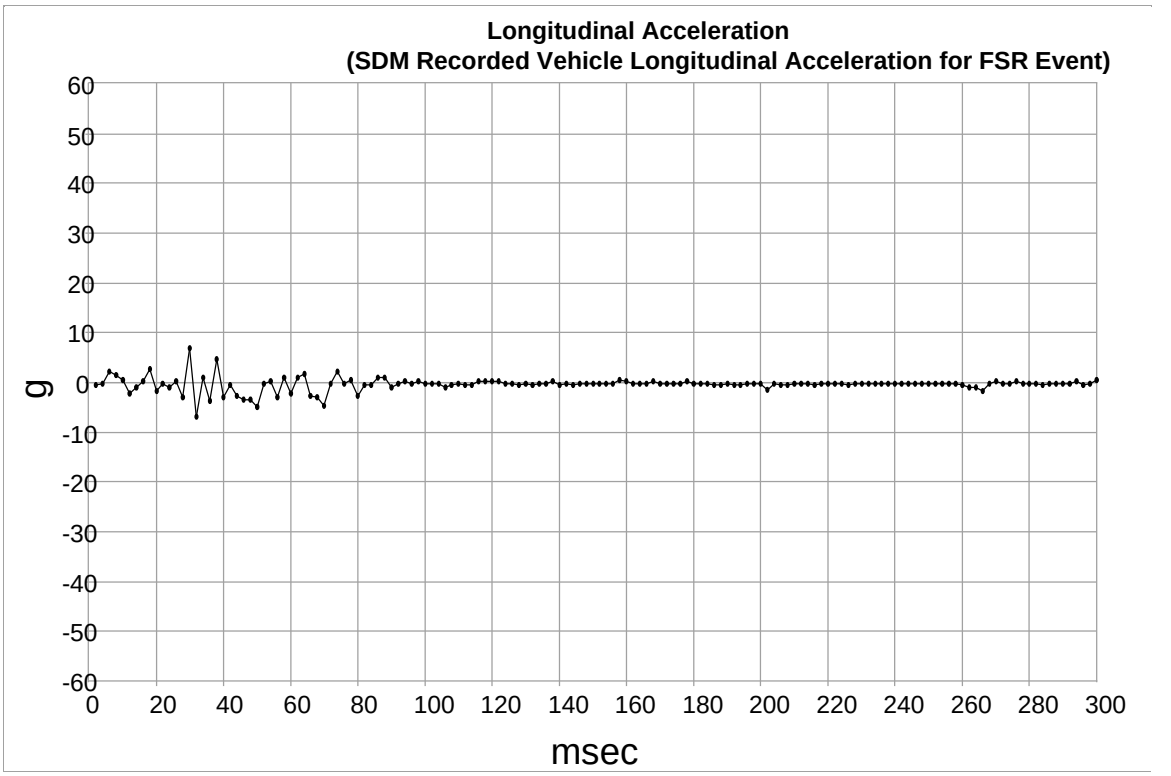
B0052-00

Event Data (Event Record 3)

Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	Yes
Passenger Pretensioner Deployment Loop #1 Commanded	Yes
Driver Pretensioner Deployment Loop #2 Commanded	Yes
Passenger Pretensioner Deployment Loop #2 Commanded	Yes
Driver Thorax Loop Commanded	Yes
Passenger Thorax Loop Commanded	No
Left Row 1 Roof Rail/Head Curtain Loop Commanded	Yes
Right Row 1 Roof Rail/Head Curtain Loop Commanded	Yes
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	1
Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	Data Not Available

Longitudinal Crash Pulse (Event Record 3)





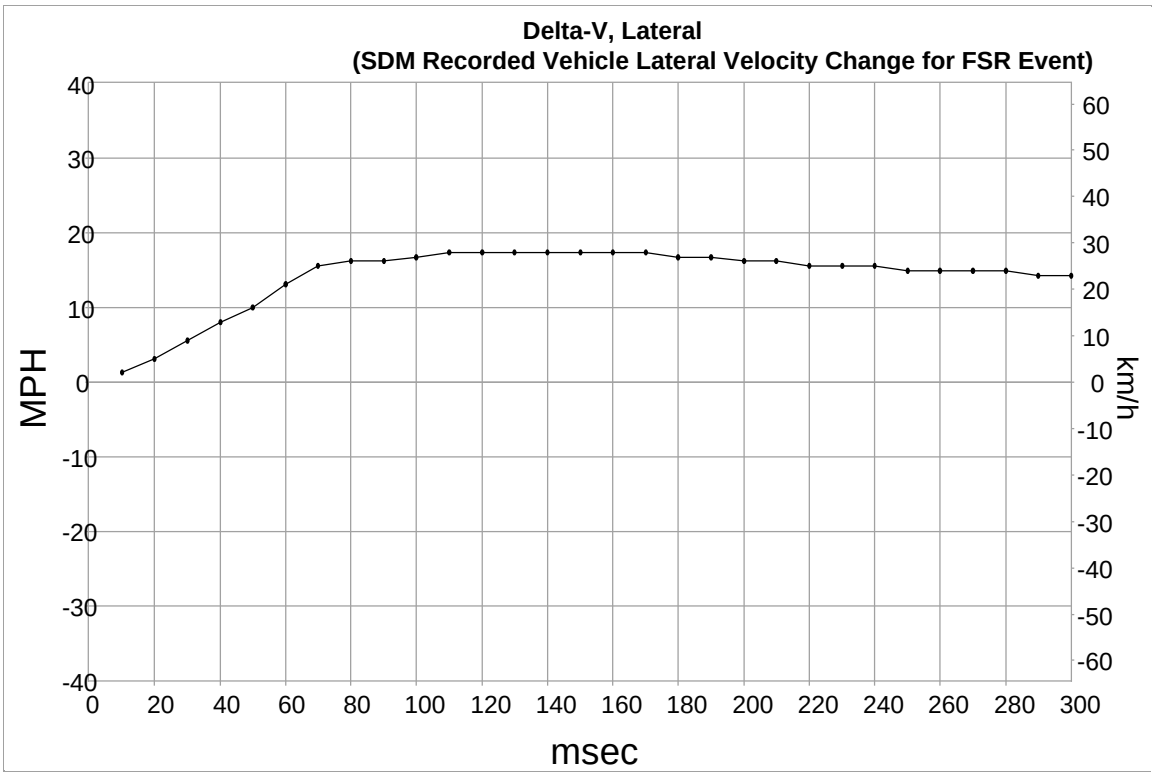
Longitudinal Crash Pulse (Event Record 3)

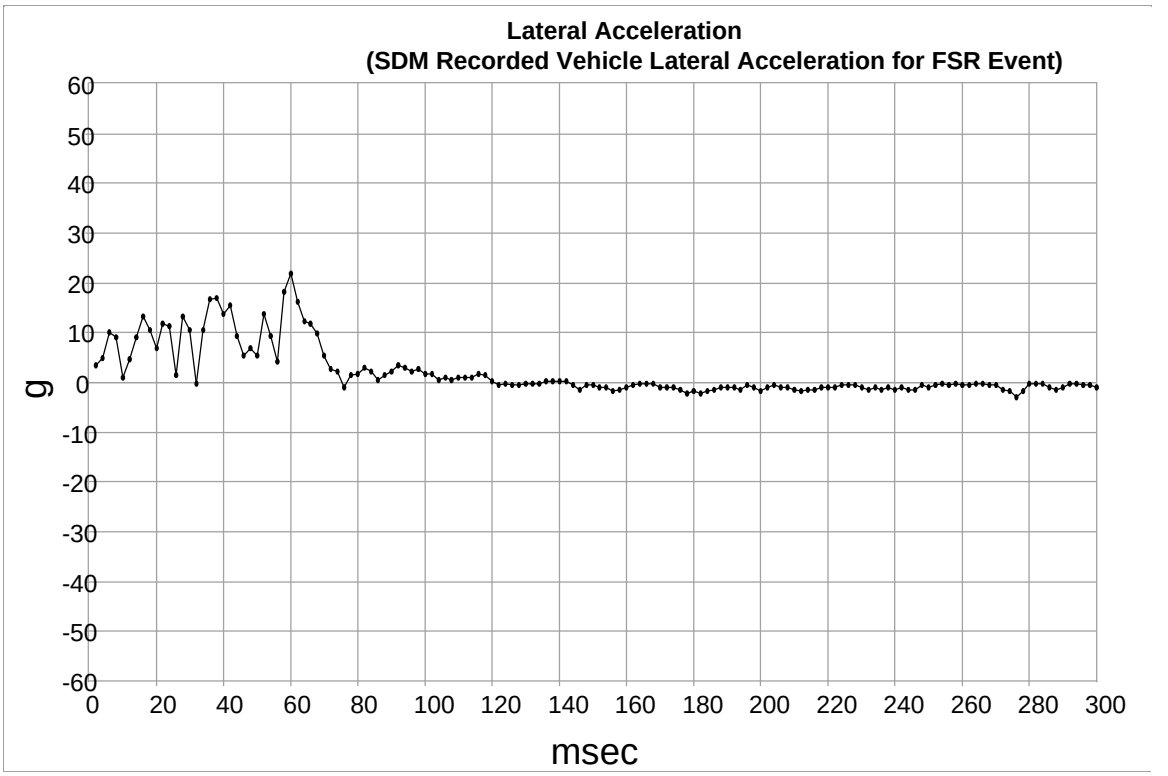
Time (msec)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (MPH)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	0.0	0.0
30	0.0	0.0
40	0.0	0.0
50	-0.6	-1.0
60	-0.6	-1.0
70	-0.6	-1.0
80	-0.6	-1.0
90	-0.6	-1.0
100	-0.6	-1.0
110	-0.6	-1.0
120	-0.6	-1.0
130	-0.6	-1.0
140	-0.6	-1.0
150	-0.6	-1.0
160	-0.6	-1.0
170	-0.6	-1.0
180	-0.6	-1.0
190	-0.6	-1.0
200	-0.6	-1.0
210	-0.6	-1.0
220	-0.6	-1.0
230	-0.6	-1.0
240	-0.6	-1.0
250	-0.6	-1.0
260	-0.6	-1.0
270	-1.2	-2.0
280	-1.2	-2.0
290	-1.2	-2.0
300	-1.2	-2.0

Longitudinal Crash Pulse (Event Record 3)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-0.6	102	-0.2	202	-1.4
4	-0.2	104	-0.2	204	-0.2
6	2.2	106	-1.0	206	-0.6
8	1.4	108	-0.6	208	-0.6
10	0.6	110	-0.2	210	-0.2
12	-2.2	112	-0.6	212	-0.2
14	-1.0	114	-0.6	214	-0.2
16	0.2	116	0.2	216	-0.6
18	2.6	118	0.2	218	-0.2
20	-1.8	120	0.2	220	-0.2
22	-0.2	122	0.2	222	-0.2
24	-1.0	124	-0.2	224	-0.2
26	0.2	126	-0.2	226	-0.6
28	-3.0	128	-0.6	228	-0.2
30	7.0	130	-0.2	230	-0.2
32	-7.0	132	-0.6	232	-0.2
34	1.0	134	-0.2	234	-0.2
36	-3.8	136	-0.2	236	-0.2
38	4.6	138	0.2	238	-0.2
40	-3.0	140	-0.6	240	-0.2
42	-0.6	142	-0.2	242	-0.2
44	-2.6	144	-0.6	244	-0.2
46	-3.4	146	-0.2	246	-0.2
48	-3.4	148	-0.2	248	-0.2
50	-5.0	150	-0.2	250	-0.2
52	-0.2	152	-0.2	252	-0.2
54	0.2	154	-0.2	254	-0.2
56	-3.0	156	-0.2	256	-0.2
58	1.0	158	0.6	258	-0.2
60	-2.2	160	0.2	260	-0.6
62	1.0	162	-0.2	262	-1.0
64	1.8	164	-0.2	264	-1.0
66	-2.6	166	-0.2	266	-1.8
68	-3.0	168	0.2	268	-0.2
70	-4.6	170	-0.2	270	0.2
72	-0.2	172	-0.2	272	-0.2
74	2.2	174	-0.2	274	-0.2
76	-0.2	176	-0.2	276	0.2
78	0.6	178	0.2	278	-0.2
80	-2.6	180	-0.2	280	-0.2
82	-0.6	182	-0.2	282	-0.2
84	-0.6	184	-0.2	284	-0.6
86	1.0	186	-0.6	286	-0.2
88	1.0	188	-0.6	288	-0.2
90	-1.0	190	-0.2	290	-0.2
92	-0.2	192	-0.6	292	-0.2
94	0.2	194	-0.6	294	0.2
96	-0.2	196	-0.2	296	-0.6
98	0.2	198	-0.2	298	-0.2
100	-0.2	200	-0.2	300	0.6

Lateral Crash Pulse (Event Record 3)





Lateral Crash Pulse (Event Record 3)

Time (msec)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (MPH)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (km/h)
10	1.2	2.0
20	3.1	5.0
30	5.6	9.0
40	8.1	13.0
50	9.9	16.0
60	13.0	21.0
70	15.5	25.0
80	16.2	26.0
90	16.2	26.0
100	16.8	27.0
110	17.4	28.0
120	17.4	28.0
130	17.4	28.0
140	17.4	28.0
150	17.4	28.0
160	17.4	28.0
170	17.4	28.0
180	16.8	27.0
190	16.8	27.0
200	16.2	26.0
210	16.2	26.0
220	15.5	25.0
230	15.5	25.0
240	15.5	25.0
250	14.9	24.0
260	14.9	24.0
270	14.9	24.0
280	14.9	24.0
290	14.3	23.0
300	14.3	23.0

Lateral Crash Pulse (Event Record 3)

Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)
2	3.4	102	1.8	202	-1.0
4	5.0	104	0.6	204	-0.6
6	10.2	106	1.0	206	-1.0
8	9.0	108	0.6	208	-1.0
10	1.0	110	1.0	210	-1.4
12	4.6	112	1.0	212	-1.8
14	9.0	114	1.0	214	-1.4
16	13.4	116	1.8	216	-1.4
18	10.6	118	1.4	218	-1.0
20	7.0	120	0.2	220	-1.0
22	11.8	122	-0.6	222	-1.0
24	11.4	124	-0.2	224	-0.6
26	1.4	126	-0.6	226	-0.6
28	13.4	128	-0.6	228	-0.6
30	10.6	130	-0.2	230	-1.0
32	-0.2	132	-0.2	232	-1.4
34	10.6	134	-0.2	234	-1.0
36	16.6	136	0.2	236	-1.4
38	17.0	138	0.2	238	-1.0
40	13.8	140	0.2	240	-1.4
42	15.4	142	0.2	242	-1.0
44	9.4	144	-0.6	244	-1.4
46	5.4	146	-1.4	246	-1.4
48	7.0	148	-0.6	248	-0.6
50	5.4	150	-0.6	250	-1.0
52	13.8	152	-1.0	252	-0.6
54	9.4	154	-1.0	254	-0.2
56	4.2	156	-1.8	256	-0.6
58	18.2	158	-1.4	258	-0.2
60	21.8	160	-1.0	260	-0.6
62	16.2	162	-0.6	262	-0.6
64	12.2	164	-0.2	264	-0.2
66	11.8	166	-0.2	266	-0.2
68	9.8	168	-0.2	268	-0.6
70	5.4	170	-1.0	270	-0.6
72	2.6	172	-1.0	272	-1.4
74	2.2	174	-1.0	274	-1.8
76	-1.0	176	-1.4	276	-3.0
78	1.4	178	-2.2	278	-1.8
80	1.8	180	-1.8	280	-0.2
82	3.0	182	-2.2	282	-0.2
84	2.2	184	-1.8	284	-0.2
86	0.6	186	-1.4	286	-1.0
88	1.4	188	-1.0	288	-1.4
90	2.2	190	-1.0	290	-1.0
92	3.4	192	-1.0	292	-0.2
94	3.0	194	-1.4	294	-0.2
96	2.2	196	-0.6	296	-0.6
98	2.6	198	-1.0	298	-0.6
100	1.8	200	-1.8	300	-1.0

Rollover Crash Pulse (Event Record 3)
SDM Recorded Vehicle Roll Rate

Contains No Recorded Data

Rollover Crash Pulse (Event Record 3)
Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event)

Contains No Recorded Data

Vertical Crash Pulse (Event Record 3)
Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event)

Contains No Recorded Data

Pre-Crash Data -5.0 to -0.5 sec (Event Record 3)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	0	On	1088	15	23 [37]
-4.5	0	On	1344	18	29 [47]
-4.0	0	On	1408	21	40 [64]
-3.5	0	On	1280	19	19 [31]
-3.0	0	Off	576	17	6 [9]
-2.5	0	Off	640	15	12 [20]
-2.0	0	Off	512	16	9 [15]
-1.5	0	Off	640	16	9 [14]
-1.0	0	Off	576	19	9 [14]
-0.5	0	Off	640	16	9 [15]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 3)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	36 [49]	Off
-1.5	No	No	No	36 [49]	Off
-1.0	No	No	No	42 [58]	Off
-0.5	No	No	No	38 [51]	Off

Hexadecimal Data

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0470   7F 7F 7F 7F 7F 7F 7F 7F 7F 7F
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 0810   00 00 00 00 00 00 00 00 01 00
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 0070   15 12 0F 0F 0E 0E 0F 14 09 1F
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 0140   7E 98 7E 99 7E 99 7E 9A 7E 9B
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0160   7E 9B 7E 9A 7E 9A 7E 99 7E 99
0170   7E 98 7E 98 7E 98 7E 97 7E 97
0180   7D 97 7D 97 7D 96 7D 96 7E 88
0190   7F 8C 85 99 83 96 81 82 7A 8B
0200   7D 96 80 A1 86 9A 7B 91 7F 9D
0210   7D 9C 80 83 78 A1 91 9A 6E 7F
0220   82 9A 76 A9 8B AA 78 A2 7E A6
0230   79 97 77 8D 77 91 73 8D 7F A2
0240   80 97 78 8A 82 AD 7A B6 82 A8
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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.

Notice of Service of Process

null / ALL
Transmittal Number: [redacted]
Date Processed: 08/10/2017

Primary Contact: Rosemarie Williams
General Motors LLC
Mail Code 48482-038-210
400 Renaissance Center
Detroit, MI 48265

Entity:	General Motors LLC Entity ID Number[redacted]
Entity Served:	General Motors Company
Title of Action:	[redacted] vs. [redacted]; General Motors Company; Mercury Insurance
Document(s) Type:	Summons/Complaint
Nature of Action:	Personal Injury
Court/Agency:	Riverside County Superior Court, California
Case/Reference No:	[redacted]
Jurisdiction Served:	California
Date Served on CSC:	08/09/2017
Answer or Appearance Due:	30 Days
Originally Served On:	CSC
How Served:	Personal Service
Sender Information:	[redacted]
Client Requested Information:	Year: Make: Model: VIN:

[redacted]

Information contained on this transmittal form is for record keeping, notification and forwarding the attached document(s). It does not constitute a legal opinion. The recipient is responsible for interpreting the documents and taking appropriate action.

To avoid potential delay, please do not send your response to CSC

251 Little Falls Drive, Wilmington, Delaware 19808-1674 (888) 690-2882 | [redacted]

[redacted]

Agent of Service
~~for~~
General Motors, LLC

SUM-100

SUMMONS
(CITACION JUDICIAL)

[redacted]

FOR COURT USE ONLY
(SOLO PARA USO DE LA CORTE)

FILED
SUPERIOR COURT OF CALIFORNIA
COUNTY OF RIVERSIDE

APR 26 2017

E. OLIVAS

YOU ARE BEING SUED BY PLAINTIFF:
(LO ESTÁ DEMANDANDO EL DEMANDANTE):

[redacted]

NOTICE! You have been sued. The court may decide against you without your being heard unless you respond within 30 days. Read the information below.

You have 30 CALENDAR DAYS after this summons and legal papers are served on you to file a written response at this court and have a copy served on the plaintiff. A letter or phone call will not protect you. Your written response must be in proper legal form if you want the court to hear your case. There may be a court form that you can use for your response. You can find these court forms and more information at the California Courts Online Self-Help Center (*www.courtinfo.ca.gov/selfhelp*), your county law library, or the courthouse nearest you. If you cannot pay the filing fee, ask the court clerk for a fee waiver form. If you do not file your response on time, you may lose the case by default, and your wages, money, and property may be taken without further warning from the court.

There are other legal requirements. You may want to call an attorney right away. If you do not know an attorney, you may want to call an attorney referral service. If you cannot afford an attorney, you may be eligible for free legal services from a nonprofit legal services program. You can locate these nonprofit groups at the California Legal Services Web site (*www.lawhelpcalifornia.org*), the California Courts Online Self-Help Center (*www.courtinfo.ca.gov/selfhelp*), or by contacting your local court or county bar association. **NOTE:** The court has a statutory lien for waived fees and costs on any settlement or arbitration award of $10,000 or more in a civil case. The court's lien must be paid before the court will dismiss the case. *¡AVISO! Lo han demandado. Si no responde dentro de 30 días, la corte puede decidir en su contra sin escuchar su versión. Lea la información a continuación.*

Tiene 30 DÍAS DE CALENDARIO después de que le entreguen esta citación y papeles legales para presentar una respuesta por escrito en esta corte y hacer que se entregue una copia al demandante. Una carta o una llamada telefónica no lo protegen. Su respuesta por escrito tiene que estar en formato legal correcto si desea que procesen su caso en la corte. Es posible que haya un formulario que usted pueda usar para su respuesta. Puede encontrar estos formularios de la corte y más información en el Centro de Ayuda de las Cortes de California (www.sucorte.ca.gov), en la biblioteca de leyes de su condado o en la corte que le quede más cerca. Si no puede pagar la cuota de presentación, pida al secretario de la corte que le dé un formulario de exención de pago de cuotas. Si no presenta su respuesta a tiempo, puede perder el caso por incumplimiento y la corte le podrá quitar su sueldo, dinero y bienes sin más advertencia.

Hay otros requisitos legales. Es recomendable que llame a un abogado inmediatamente. Si no conoce a un abogado, puede llamar a un servicio de remisión a abogados. Si no puede pagar a un abogado, es posible que cumpla con los requisitos para obtener servicios legales gratuitos de un programa de servicios legales sin fines de lucro. Puede encontrar estos grupos sin fines de lucro en el sitio web de California Legal Services, (www.lawhelpcalifornia.org), en el Centro de Ayuda de las Cortes de California, (www.sucorte.ca.gov) o poniéndose en contacto con la corte o el colegio de abogados locales. AVISO: Por ley, la corte tiene derecho a reclamar las cuotas y los costos exentos por imponer un gravamen sobre cualquier recuperación de $10,000 ó más de valor recibida mediante un acuerdo o una concesión de arbitraje en un caso de derecho civil. Tiene que pagar el gravamen de la corte antes de que la corte pueda desechar el caso.

The name and address of the court is:
(El nombre y dirección de la corte es): Superior Court of Riverside
Historical Courthouse
[redacted]

CASE NUMBER:
[redacted]

The name, address, and telephone number of plaintiff's attorney, or plaintiff without an attorney, is:
(El nombre, la dirección y el número de teléfono del abogado del demandante, o del demandante que no tiene abogado, es):
[redacted]

DATE: *(Fecha)* APR 26 2017 Clerk, by *(Secretario)* E. OLIVAS , Deputy *(Adjunto)*

(For proof of service of this summons, use Proof of Service of Summons *(form POS-010).)*
(Para prueba de entrega de esta citatión use el formulario Proof of Service of Summons, *(POS-010)).*

[SEAL]

NOTICE TO THE PERSON SERVED: You are served
1. ☐ as an individual defendant.
2. ☐ as the person sued under the fictitious name of *(specify):*
3. ☒ on behalf of *(specify):*
   under: ☒ CCP 416.10 (corporation) ☐ CCP 416.60 (minor)
   ☐ CCP 416.20 (defunct corporation) ☐ CCP 416.70 (conservatee)
   ☐ CCP 416.40 (association or partnership) ☐ CCP 416.90 (authorized person)
   ☐ other *(specify):*
4. ☐ by personal delivery on *(date):*

Form Adopted for Mandatory Use
Judicial Council of California
SUM-100 [Rev. July 1, 2009]

SUMMONS

Code of Civil Procedure §§ 412.20, 465
www.courtinfo.ca.gov

SUM-100

SUMMONS

[redacted]

FOR COURT USE ONLY
(SOLO PARA USO DE LA CORTE)

FILED
SUPERIOR COURT OF CALIFORNIA
COUNTY OF RIVERSIDE

APR 26 2017

E. OLIVAS

YOU ARE BEING SUED BY PLAINTIFF:
(LO ESTÁ DEMANDANDO EL DEMANDANTE):

[redacted]

NOTICE! You have been sued. The court may decide against you without your being heard unless you respond within 30 days. Read the information below.

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There are other legal requirements. You may want to call an attorney right away. If you do not know an attorney, you may want to call an attorney referral service. If you cannot afford an attorney, you may be eligible for free legal services from a nonprofit legal services program. You can locate these nonprofit groups at the California Legal Services Web site (*www.lawhelpcalifornia.org*), the California Courts Online Self-Help Center (*www.courtinfo.ca.gov/selfhelp*), or by contacting your local court or county bar association. **NOTE:** The court has a statutory lien for waived fees and costs on any settlement or arbitration award of $10,000 or more in a civil case. The court's lien must be paid before the court will dismiss the case.

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The name and address of the court is:
(El nombre y dirección de la corte es): Superior Court of Riverside
Historical Courthouse
[redacted]

C
(F
[redacted]

The name, address, and telephone number of plaintiff's attorney, or plaintiff without an attorney, is:
(El nombre, la dirección y el número de teléfono del abogado del demandante, o del demandante que no tiene abogado, es):

[redacted]

DATE: APR 26 2017 (*Fecha*) Clerk, by (*Secretario*) E. OLIVAS , Deputy (*Adjunto*)

(For proof of service of this summons, use Proof of Service of Summons *(form POS-010).)*
(Para prueba de entrega de esta citatión use el formulario Proof of Service of Summons, *(POS-010)).*

(SEAL)

NOTICE TO THE PERSON SERVED: You are served
1. ☐ as an individual defendant.
2. ☐ as the person sued under the fictitious name of *(specify):*
3. ☒ on behalf of *(specify):*
   under: ☒ CCP 416.10 (corporation) ☐ CCP 416.60 (minor)
   ☐ CCP 416.20 (defunct corporation) ☐ CCP 416.70 (conservatee)
   ☐ CCP 416.40 (association or partnership) ☐ CCP 416.90 (authorized person)
   ☐ other *(specify):*
4. ☐ by personal delivery on *(date):*

Form Adopted for Mandatory Use
Judicial Council of California
SUM-100 [Rev. July 1, 2009]

SUMMONS

Code of Civil Procedure §§ 412.20, 465
www.courtinfo.ca.gov

CM-010

[redacted]

FOR COURT USE ONLY

SUPERIOR COURT OF CALIFORNIA, COUNTY OF Riverside

STREET ADDRESS:

MAILING ADDRESS: [redacted]

CITY AND ZIP CODE:

BRANCH NAME:

CASE NAME: [redacted]

CIVIL CASE COVER SHEET

☑ Unlimited (Amount demanded exceeds $25,000) ☐ Limited (Amount demanded is $25,000 or less)

Complex Case Designation

☐ Counter ☐ Joinder

Filed with first appearance by defendant (Cal. Rules of Court, rule 3.402)

[redacted]

JUDGE:

DEPT:

Items 1–6 below must be completed (see instructions on page 2).

1. Check one box below for the case type that best describes this case:

Auto Tort
- ☐ Auto (22)
- ☐ Uninsured motorist (46)

Other PI/PD/WD (Personal Injury/Property Damage/Wrongful Death) Tort
- ☐ Asbestos (04)
- ☑ Product liability (24)
- ☐ Medical malpractice (45)
- ☐ Other PI/PD/WD (23)

Non-PI/PD/WD (Other) Tort
- ☐ Business tort/unfair business practice (07)
- ☐ Civil rights (08)
- ☐ Defamation (13)
- ☐ Fraud (16)
- ☐ Intellectual property (19)
- ☐ Professional negligence (25)
- ☐ Other non-PI/PD/WD tort (35)

Employment
- ☐ Wrongful termination (36)
- ☐ Other employment (15)

Contract
- ☐ Breach of contract/warranty (06)
- ☐ Rule 3.740 collections (09)
- ☐ Other collections (09)
- ☐ Insurance coverage (18)
- ☐ Other contract (37)

Real Property
- ☐ Eminent domain/Inverse condemnation (14)
- ☐ Wrongful eviction (33)
- ☐ Other real property (26)

Unlawful Detainer
- ☐ Commercial (31)
- ☐ Residential (32)
- ☐ Drugs (38)

Judicial Review
- ☐ Asset forfeiture (05)
- ☐ Petition re: arbitration award (11)
- ☐ Writ of mandate (02)
- ☐ Other judicial review (39)

Provisionally Complex Civil Litigation (Cal. Rules of Court, rules 3.400–3.403)
- ☐ Antitrust/Trade regulation (03)
- ☐ Construction defect (10)
- ☐ Mass tort (40)
- ☐ Securities litigation (28)
- ☐ Environmental/Toxic tort (30)
- ☐ Insurance coverage claims arising from the above listed provisionally complex case types (41)

Enforcement of Judgment
- ☐ Enforcement of judgment (20)

Miscellaneous Civil Complaint
- ☐ RICO (27)
- ☐ Other complaint *(not specified above)* (42)

Miscellaneous Civil Petition
- ☐ Partnership and corporate governance (21)
- ☐ Other petition *(not specified above)* (43)

2. This case ☐ is ☑ is not complex under rule 3.400 of the California Rules of Court. If the case is complex, mark the factors requiring exceptional judicial management:
   a. ☐ Large number of separately represented parties
   b. ☐ Extensive motion practice raising difficult or novel issues that will be time-consuming to resolve
   c. ☐ Substantial amount of documentary evidence
   d. ☐ Large number of witnesses
   e. ☐ Coordination with related actions pending in one or more courts in other counties, states, or countries, or in a federal court
   f. ☐ Substantial postjudgment judicial supervision
3. Remedies sought *(check all that apply)*: a. ☑ monetary b. ☐ nonmonetary; declaratory or injunctive relief c. ☐ punitive
4. Number of causes of action *(specify)*: 3
5. This case ☐ is ☑ is not a class action suit.
6. If there are any known related cases, file and serve a notice of rela[redacted]

Date: 04-26-2017

[redacted]

(TYPE OR PRINT NAME)

NOTICE

- Plaintiff must file this cover sheet with the first paper filed in the action or proceeding (except small claims cases or cases filed under the Probate Code, Family Code, or Welfare and Institutions Code). (Cal. Rules of Court, rule 3.220.) Failure to file may result in sanctions.
- File this cover sheet in addition to any cover sheet required by local court rule.
- If this case is complex under rule 3.400 et seq. of the California Rules of Court, you must serve a copy of this cover sheet on all other parties to the action or proceeding.
- Unless this is a collections case under rule 3.740 or a complex case, this cover sheet will be used for statistical purposes only.

Form Adopted for Mandatory Use
Judicial Council of California
CM-010 [Rev. July 1, 2007]

CIVIL CASE COVER SHEET

Cal. Rules of Court, rules 2.30, 3.220, 3.400–3.403, 3.740;
Cal. Standards of Judicial Administration, std. 3.10
www.courtinfo.ca.gov

INSTRUCTIONS ON HOW TO COMPLETE THE COVER SHEET

To Plaintiffs and Others Filing First Papers. If you are filing a first paper (for example, a complaint) in a civil case, you must complete and file, along with your first paper, the *Civil Case Cover Sheet* contained on page 1. This information will be used to compile statistics about the types and numbers of cases filed. You must complete items 1 through 6 on the sheet. In item 1, you must check one box for the case type that best describes the case. If the case fits both a general and a more specific type of case listed in item 1, check the more specific one. If the case has multiple causes of action, check the box that best indicates the primary cause of action. To assist you in completing the sheet, examples of the cases that belong under each case type in item 1 are provided below. A cover sheet must be filed only with your initial paper. Failure to file a cover sheet with the first paper filed in a civil case may subject a party, its counsel, or both to sanctions under rules 2.30 and 3.220 of the California Rules of Court.

To Parties in Rule 3.740 Collections Cases. A "collections case" under rule 3.740 is defined as an action for recovery of money owed in a sum stated to be certain that is not more than $25,000, exclusive of interest and attorney's fees, arising from a transaction in which property, services, or money was acquired on credit. A collections case does not include an action seeking the following: (1) tort damages, (2) punitive damages, (3) recovery of real property, (4) recovery of personal property, or (5) a prejudgment writ of attachment. The identification of a case as a rule 3.740 collections case on this form means that it will be exempt from the general time-for-service requirements and case management rules, unless a defendant files a responsive pleading. A rule 3.740 collections case will be subject to the requirements for service and obtaining a judgment in rule 3.740.

To Parties in Complex Cases. In complex cases only, parties must also use the *Civil Case Cover Sheet* to designate whether the case is complex. If a plaintiff believes the case is complex under rule 3.400 of the California Rules of Court, this must be indicated by completing the appropriate boxes in items 1 and 2. If a plaintiff designates a case as complex, the cover sheet must be served with the complaint on all parties to the action. A defendant may file and serve no later than the time of its first appearance a joinder in the plaintiff's designation, a counter-designation that the case is not complex, or, if the plaintiff has made no designation, a designation that the case is complex.

CASE TYPES AND EXAMPLES

Auto Tort
- Auto (22)–Personal Injury/Property Damage/Wrongful Death
- Uninsured Motorist (46) *(if the case involves an uninsured motorist claim subject to arbitration, check this item instead of Auto)*

Other PI/PD/WD (Personal Injury/ Property Damage/Wrongful Death) Tort
- Asbestos (04)
  - Asbestos Property Damage
  - Asbestos Personal Injury/ Wrongful Death
- Product Liability *(not asbestos or toxic/environmental)* (24)
- Medical Malpractice (45)
  - Medical Malpractice–Physicians & Surgeons
  - Other Professional Health Care Malpractice
- Other PI/PD/WD (23)
  - Premises Liability (e.g., slip and fall)
  - Intentional Bodily Injury/PD/WD (e.g., assault, vandalism)
  - Intentional Infliction of Emotional Distress
  - Negligent Infliction of Emotional Distress
  - Other PI/PD/WD

Non-PI/PD/WD (Other) Tort
- Business Tort/Unfair Business Practice (07)
- Civil Rights (e.g., discrimination, false arrest) *(not civil harassment)* (08)
- Defamation (e.g., slander, libel) (13)
- Fraud (16)
- Intellectual Property (19)
- Professional Negligence (25)
  - Legal Malpractice
  - Other Professional Malpractice *(not medical or legal)*
- Other Non-PI/PD/WD Tort (35)

Employment
- Wrongful Termination (36)
- Other Employment (15)

Contract
- Breach of Contract/Warranty (06)
  - Breach of Rental/Lease Contract *(not unlawful detainer or wrongful eviction)*
  - Contract/Warranty Breach–Seller Plaintiff *(not fraud or negligence)*
  - Negligent Breach of Contract/ Warranty
  - Other Breach of Contract/Warranty
- Collections (e.g., money owed, open book accounts) (09)
  - Collection Case–Seller Plaintiff
  - Other Promissory Note/Collections Case
- Insurance Coverage *(not provisionally complex)* (18)
  - Auto Subrogation
  - Other Coverage
- Other Contract (37)
  - Contractual Fraud
  - Other Contract Dispute

Real Property
- Eminent Domain/Inverse Condemnation (14)
- Wrongful Eviction (33)
- Other Real Property (e.g., quiet title) (26)
  - Writ of Possession of Real Property
  - Mortgage Foreclosure
  - Quiet Title
  - Other Real Property *(not eminent domain, landlord/tenant, or foreclosure)*

Unlawful Detainer
- Commercial (31)
- Residential (32)
- Drugs (38) *(if the case involves illegal drugs, check this item; otherwise, report as Commercial or Residential)*

Judicial Review
- Asset Forfeiture (05)
- Petition Re: Arbitration Award (11)
- Writ of Mandate (02)
  - Writ–Administrative Mandamus
  - Writ–Mandamus on Limited Court Case Matter
  - Writ–Other Limited Court Case Review
- Other Judicial Review (39)
  - Review of Health Officer Order
  - Notice of Appeal–Labor Commissioner Appeals

Provisionally Complex Civil Litigation (Cal. **Rules of Court Rules 3.400–3.403)**
- Antitrust/Trade Regulation (03)
- Construction Defect (10)
- Claims Involving Mass Tort (40)
- Securities Litigation (28)
- Environmental/Toxic Tort (30)
- Insurance Coverage Claims *(arising from provisionally complex case type listed above)* (41)

Enforcement of Judgment
- Enforcement of Judgment (20)
  - Abstract of Judgment (Out of County)
  - Confession of Judgment *(non-domestic relations)*
  - Sister State Judgment
  - Administrative Agency Award *(not unpaid taxes)*
  - Petition/Certification of Entry of Judgment on Unpaid Taxes
  - Other Enforcement of Judgment Case

Miscellaneous Civil Complaint
- RICO (27)
- Other Complaint *(not specified above)* (42)
  - Declaratory Relief Only
  - Injunctive Relief Only *(non-harassment)*
  - Mechanics Lien
  - Other Commercial Complaint Case *(non-tort/non-complex)*
  - Other Civil Complaint *(non-tort/non-complex)*

Miscellaneous Civil Petition
- Partnership and Corporate Governance (21)
- Other Petition *(not specified above)* (43)
  - Civil Harassment
  - Workplace Violence
  - Elder/Dependent Adult Abuse
  - Election Contest
  - Petition for Name Change
  - Petition for Relief From Late Claim
  - Other Civil Petition

[redacted]

FOR COURT USE ONLY

SUPERIOR COURT OF CALIFORNIA, COUNTY OF Riverside

STREET ADDRESS: [redacted]
MAILING ADDRESS:
CITY AND ZIP CODE:
BRANCH NAME:

[redacted]

FILED
SUPERIOR COURT OF CALIFORNIA
COUNTY OF RIVERSIDE
APR 26 2017
E. OLIVAS

[redacted]

☑ DOES 1 TO 10

COMPLAINT—Personal Injury, Property Damage, Wrongful Death

☐ **AMENDED *(Number):***

Type *(check all that apply):*

☑ MOTOR VEHICLE ☑ OTHER *(specify)*:
☑ Property Damage ☐ Wrongful Death
☑ Personal Injury ☐ Other Damages *(specify):*

Jurisdiction *(check all that apply):*

☐ ACTION IS A LIMITED CIVIL CASE
Amount demanded ☐ does not exceed $10,000
☐ exceeds $10,000, but does not exceed $25,000
☑ ACTION IS AN UNLIMITED CIVIL CASE (exceeds $25,000)
☐ ACTION IS RECLASSIFIED by this amended complaint
☐ from limited to unlimited
☐ from unlimited to limited

CASE NUMBER:

[redacted]

1. **Plaintiff** *(name or names):* [redacted]
alleges causes of action against **defendant** *(name or names):*
[redacted]
2. This pleading, including attachments and exhibits, consists of the following number of pages:
3. Each plaintiff named above is a competent adult
   a. ☐ **except** plaintiff *(name):*
      (1) ☐ a corporation qualified to do business in California
      (2) ☐ an unincorporated entity *(describe):*
      (3) ☐ a public entity *(describe):*
      (4) ☐ a minor ☐ an adult
         (a) ☐ for whom a guardian or conservator of the estate or a guardian ad litem has been appointed
         (b) ☐ other *(specify):*
      (5) ☐ other *(specify):*
   b. ☐ **except** plaintiff *(name):*
      (1) ☐ a corporation qualified to do business in California
      (2) ☐ an unincorporated entity *(describe):*
      (3) ☐ a public entity *(describe):*
      (4) ☐ a minor ☐ an adult
         (a) ☐ for whom a guardian or conservator of the estate or a guardian ad litem has been appointed
         (b) ☐ other *(specify):*
      (5) ☐ other *(specify):*

☐ Information about additional plaintiffs who are not competent adults is shown in Attachment 3.

Form Approved for Optional Use
Judicial Council of California
PLD-PI-001 [Rev. January 1, 2007]

COMPLAINT—Personal Injury, Property Damage, Wrongful Death

Code of Civil Procedure, § 425.12
www.courtinfo.ca.gov

SHORT TITLE:	CASE NUMBER:

4. ☐ Plaintiff *(name):*
   is doing business under the fictitious name *(specify):*

   and has complied with the fictitious business name laws.
5. Each defendant named above is a natural person
   a. ☑ **except** defendant *(name):* General Motors Co.
      (1) ☑ a business organization, form unknown
      (2) ☐ a corporation
      (3) ☐ an unincorporated entity *(describe):*
      (4) ☐ a public entity *(describe):*
      (5) ☐ other *(specify):*

   b. ☑ **except** defendant *(name):* Mercury Insurance Co
      (1) ☑ a business organization, form unknown
      (2) ☐ a corporation
      (3) ☐ an unincorporated entity *(describe):*
      (4) ☐ a public entity *(describe):*
      (5) ☐ other *(specify):*

   c. ☐ **except** defendant *(name):*
      (1) ☐ a business organization, form unknown
      (2) ☐ a corporation
      (3) ☐ an unincorporated entity *(describe):*
      (4) ☐ a public entity *(describe):*
      (5) ☐ other *(specify):*

   d. ☐ **except** defendant *(name):*
      (1) ☐ a business organization, form unknown
      (2) ☐ a corporation
      (3) ☐ an unincorporated entity *(describe):*
      (4) ☐ a public entity *(describe):*
      (5) ☐ other *(specify):*

   ☐ Information about additional defendants who are not natural persons is contained in Attachment 5.
6. The true names of defendants sued as Does are unknown to plaintiff.
   a. ☑ Doe defendants *(specify Doe numbers):* 1-5 were the agents or employees of other named defendants and acted within the scope of that agency or employment.
   b. ☑ Doe defendants *(specify Doe numbers):* 6-10 are persons whose capacities are unknown to plaintiff.
7. ☐ Defendants who are joined under Code of Civil Procedure section 382 are *(names):*

8. This court is the proper court because
   a. ☐ at least one defendant now resides in its jurisdictional area.
   b. ☐ the principal place of business of a defendant corporation or unincorporated association is in its jurisdictional area.
   c. ☑ injury to person or damage to personal property occurred in its jurisdictional area.
   d. ☐ other *(specify):*

9. ☑ Plaintiff is required to comply with a claims statute, **and**
   a. ☑ has complied with applicable claims statutes, **or**
   b. ☐ is excused from complying because *(specify):*

SHORT TITLE:	CASE NUMBER:

10. The following causes of action are attached and the statements above apply to each *(each complaint must have one or more causes of action attached):*
    a. [✔] Motor Vehicle
    b. [✔] General Negligence
    c. [ ] Intentional Tort
    d. [✔] Products Liability
    e. [ ] Premises Liability
    f. [ ] Other *(specify):*

11. Plaintiff has suffered
    a. [✔] wage loss
    b. [✔] loss of use of property
    c. [✔] hospital and medical expenses
    d. [✔] general damage
    e. [✔] property damage
    f. [ ] loss of earning capacity
    g. [ ] other damage *(specify):*

12. [ ] The damages claimed for wrongful death and the relationships of plaintiff to the deceased are
    a. [ ] listed in Attachment 12.
    b. [ ] as follows:

13. The relief sought in this complaint is within the jurisdiction of this court.

14. **Plaintiff prays** for judgment for costs of suit; for such relief as is fair, just, and equitable; and for
    a. (1) [✔] compensatory damages
       (2) [ ] punitive damages
       The amount of damages is *(in cases for personal injury or wrongful death, you must check (1)):*
       (1) [✔] according to proof
       (2) [ ] in the amount of: $

15. [ ] The paragraphs of this complaint alleged on information and belief are as follows *(specify paragraph numbers):*

Date: 4.26.2017

[redacted]

(TYPE OR PRINT NAME)

[redacted]

SHORT TITLE:	CASE NUMBER:

First (number) **CAUSE OF ACTION—Motor Vehicle**

ATTACHMENT TO ☑ Complaint ☐ Cross - Complaint

(Use a separate cause of action form for each cause of action.)

Plaintiff *(na* [redacted]

MV- 1. Plaintiff alleges the acts of defendants were negligent; the acts were the legal (proximate) cause of injuries and damages to plaintiff; the acts occurred

on *(date)*: 12/11/2016

at *(place)*:

the freeway 60, in the city of Riverside, CA

MV- 2. DEFENDANTS

a. ☑ The defendants who operated a motor vehicle are *(names)*:

[redacted]

☑ Does 1 to 10

b. ☐ The defendants who employed the persons who operated a motor vehicle in the course of their employment are *(names)*:

☑ Does 1 to 10

c. ☑ The defendants who owned the motor vehicle which was operated with their permission are *(names)*:

[redacted]

☑ Does 1 to 10

d. ☐ The defendants who entrusted the motor vehicle are *(names)*:

☐ Does _____ to _____

e. ☑ The defendants who were the agents and employees of the other defendants and acted within the scope of the agency were *(names)*:

[redacted]

☑ Does 1 to 10

f. ☐ The defendants who are liable to plaintiffs for other reasons and the reasons for the liability are ☐ listed in Attachment MV-2f ☐ as follows:

☐ Does _____ to _____

Page 4

Form Approved for Optional Use
Judicial Council of California
PLD-PI-001(1) [Rev. January 1, 2007]

Code of Civil Procedure 425.12
www.courtinfo.ca.gov

SHORT TITLE:	CASE NUMBER:

Second (number) **CAUSE OF ACTION—Products Liability** Page 5

ATTACHMENT TO ☑ Complaint ☐ Cross - Complaint
(Use a separate cause of action form fo[redacted]
Plaintiff *(na*[redacted]

Prod. L-1. On or about *(date):* 12/11/2016 plaintiff was injured by the following product:
Plaintiff was driving his vehicle on said date on the 60 freeway. There was a heavy down pour of rain. He began to use his windshield wipers when suddenly an unexpectedly, the windshiel motor malfunctioned. He lost visibility and control of his vehicle. He spun out and hit the center divider.

Prod. L-2. Each of the defendants knew the product would be purchased and used without inspection for defects. The product was defective when it left the control of each defendant. The product at the time of injury was being
☑ used in the manner intended by the defendants.
☐ used in the manner that was reasonably foreseeable by defendants as involving a substantial danger not readily apparent. Adequate warnings of the danger were not given.

Prod. L-3. Plaintiff was a
☑ purchaser of the product. ☐ user of the product.
☐ bystander to the use of the product. ☐ other *(specify):*

PLAINTIFF'S INJURY WAS THE LEGAL (PROXIMATE) RESULT OF THE FOLLOWING:

Prod. L- 4. ☑ **Count One—Strict liability** of the following defendants who
a. ☑ manufactured or assembled the product *(names):*
[redacted]
☑ Does 1 to 10
b. ☐ designed and manufactured component parts supplied to the manufacturer *(names):*
☐ Does _____ to _____
c. ☑ sold the product to the public *(names):*
[redacted]
☑ Does 1 to 10

Prod. L-5. ☑ **Count Two—Negligence** of the following defendants who owed a duty to plaintiff *(names):*
General Motors Co. and
☑ Does 1 to 10

Prod. L-6. ☑ **Count Three—Breach of warranty** by the following defendants *(names):*
☑ Does 1 to 10
a. ☐ who breached an implied warranty
b. ☑ who breached an express warranty which was
☑ written ☐ oral

Prod. L-7. ☐ The defendants who are liable to plaintiffs for other reasons and the reasons for the liability are ☐ listed in Attachment-Prod. L-7 ☐ as follows:

Form Approved for Optional Use
Judicial Council of California
PLD-PI-001(5) [Rev. January 1, 2007]

Code of Civil Procedure, § 425.12
www.courtinfo.ca.gov

SHORT TITLE:	CASE NUMBER:

Third (number) **CAUSE OF ACTION—General Negligence** Page 6

ATTACHMENT TO ☑ Complaint ☐ Cross - Complaint

(Use a separate cause of action form for each

GN-1. Plaintiff *(name)*: [redacted]

alleges that defendant *(name)*: [redacted] General Motors Co., Mercury Insurance Co., and

☑ Does 1 to 10

was the legal (proximate) cause of damages to plaintiff. By the following acts or omissions to act, defendant negligently caused the damage to plaintiff

on *(date)*: 12/11/2016

at *(place)*: the 60 freeway in the City of Riverside

(description of reasons for liability):

Plaintiff was driving his vehicle on the 60 Freeway in the City of Riverside. There was a heavy downpour of rain. Plaintiff turned his windshield wipers on, suddenly and unexpectedly, the motor of the windshield malfunctioned and stopped working. He could not see out of the windshield and lost control of the vehicle. The vehicle hit the center divider of the freeway and spun out of control. Plaintiff managed to straighten out the vehicle and it came to a stop.

Soon thereafter, another vehicle driven by defendant Armando Parra came by and collided with the Plaintiff. As a result, Plaintiff sustained bodily injury as well as property damage. Plaintiff contends that all defendants were liable for his injuries. Defendant General Motors who sold the vehicle with a defective product, and defendant Parra who it was reasonably forseeable would collide with him when he was driving too fast for the road conditions. In addition, defendant Mercury Insurance Co. is responsible for the damages in acting in bad faith by not settling and/or paying out the insurance proceeds in a UM claim of action.

Form Approved for Optional Use
Judicial Council of California
PLD-PI-001(2) [Rev. January 1, 2007]

Code of Civil Procedure 425.12
www.courtinfo.ca.gov

SUPERIOR COURT OF CALIFORNIA, COUNTY OF RIVERSIDE

- ☐ BANNING 311 E. Ramsey St., Banning, CA 92220
- ☐ BLYTHE 265 N. Broadway, Blythe, CA 92225
- ☐ HEMET 880 N. State St., Hemet, CA 92543
- ☐ MORENO VALLEY 13800 Heacock St., Ste. D201, Moreno Valley, CA 92553
- ☐ MURRIETA 30755-D Auld Rd., Suite 1226, Murrieta, CA 92563
- ☐ PALM SPRINGS 3255 E. Tahquitz Canyon Way, Palm Springs, CA 92262
- ☒ RIVERSIDE 4050 Main St., Riverside, CA 92501
- ☐ TEMECULA 41002 County Center Dr., #100, Temecula, CA 92591

RI-030

[redacted]

FOR COURT USE ONLY

FILED
SUPERIOR COURT OF CALIFORNIA
COUNTY OF RIVERSIDE
APR 26 2017
E. OLIVAS

PLAINTIFF/PETITIONER: [redacted]

DEFENDANT/RESPONDENT [redacted] et al.

CASE NUMBER: [redacted]

CERTIFICATE OF COUNSEL

The undersigned certifies that this matter should be tried or heard in the court identified above for the reasons specified below:

☒ The action arose in the zip code of: 92509

☐ The action concerns real property located in the zip code of: _____

☐ The Defendant resides in the zip code of: _____

For more information on where actions should be filed in the Riverside County Superior Courts, please refer to Local Rule 1.0015 at www.riverside.courts.ca.gov.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Date 4.26.2017

[redacted]

[redacted]

NOTICE OF DEPARTMENT ASSIGNMENT FOR ALL PURPOSES

[redacted]

CASE NO. [redacted]

This case is assigned to the Honorable Judge Gloria Connor Trask in Department 01 for all purposes.

The Case Management Conference is scheduled for 10/23/17 at 8:30 in Department 01.

The plaintiff/cross-complainant shall serve a copy of this notice on all defendants/cross-defendants who are named or added to the complaint and file proof of service.

Any disqualification pursuant to CCP Section 170.6 shall be filed in accordance with that section.

Requests for accommodations can be made by submitting Judicial Council form MC-410 no fewer than five court days before the hearing. See California Rules of Court, rule 1.100.

CERTIFICATE OF MAILING

I certify that I am currently employed by the Superior Court of California, County of Riverside, and that I am not a party to this action or proceeding. In my capacity, I am familiar with the practices and procedures used in connection with the mailing of correspondence. Such correspondence is deposited in the outgoing mail of the Superior Court. Outgoing mail is delivered to and mailed by the United States Postal Service, postage prepaid, the same day in the ordinary course of business. I certify that I served a copy of the foregoing NOTICE on this date, by depositing said copy as stated above.

Court Executive Officer/Clerk

[redacted]

Date: 04/26/17

cdacmc
7/14/16

CIV-110

[redacted]

FOR COURT USE ONLY

FILED
SUPERIOR COURT OF CALIFORNIA
COUNTY OF RIVERSIDE

JUL 12 2018

L. VILLANUEVA

SUPERIOR COURT OF CALIFORNIA, COUNTY OF Riverside
STREET ADDRESS:
MAILING ADDRESS:
CITY AND ZIP CODE:
BRANCH NAME:

Plaintiff/Petitioner:

[redacted]

REQUEST FOR DISMISSAL

[redacted]

A conformed copy will not be returned by the clerk unless a method of return is provided with the document.

This form may not be used for dismissal of a derivative action or a class action or of any party or cause of action in a class action. (Cal. Rules of Court, rules 3.760 and 3.770.)

1. TO THE CLERK: Please dismiss this action as follows:
   a. (1) [X] With prejudice (2) [ ] Without prejudice
   b. (1) [ ] Complaint (2) [ ] Petition
   (3) [ ] Cross-complaint filed by *(name)*: on *(date)*:
   (4) [ ] Cross-complaint filed by *(name)*: on *(date)*:
   (5) [X] Entire action of all parties and all causes of action
   (6) [ ] Other *(specify)*:*

2. *(Complete in all cases except family law cases.)*
   The court [ ] did [X] did not waive court fees and costs for [redacted]
   clerk. If court fees and costs were waived, the declaration on the bac

Date: 07/10/2018
Brenda E. Vargas
(TYPE OR PRINT NAME OF [X] ATTORNEY [ ] PARTY WITHOUT ATTORNEY)

*If dismissal requested is of specified parties only or specified causes of action only, or of specified cross-complaints only, so state and identify the parties, causes of action, or cross-complaints to be dismissed.

[redacted]

[ ] Cross Complainant

3. TO THE CLERK: Consent to the above dismissal is hereby given.**

Date:

(TYPE OR PRINT NAME OF [ ] ATTORNEY [ ] PARTY WITHOUT ATTORNEY)

(SIGNATURE)

Attorney or party without attorney for:
[ ] Plaintiff/Petitioner [ ] Defendant/Respondent
[ ] Cross Complainant

** If a cross-complaint – or Response (Family Law) seeking affirmative relief – is on file, the attorney for cross-complainant (respondent) must sign this consent if required by Code of Civil Procedure section 581 (i) or (j).

(To be completed by clerk)

4. [X] Dismissal entered as requested on *(date)*: JUL 12 2018
5. [ ] Dismissal entered on *(date)*: as to only *(name)*:
6. [ ] Dismissal not entered as requested for the following reasons *(specify)*:

7. a. [ ] Attorney or party without attorney notified on *(date)*:
   b. [ ] Attorney or party without attorney not notified. Filing party failed to provide
   [ ] a copy to be conformed [ ] means to return conformed copy

Date: JUL 12 2018 Clerk, by L. VILLANUEVA, Deputy

Form Adopted for Mandatory Use
Judicial Council of California
CIV-110 [Rev. Jan. 1, 2013]

REQUEST FOR DISMISSAL

Code of Civil Procedure, § 581 et seq.; Gov. Code, § 68637(c); Cal. Rules of Court, rule 3.1390
www.courts.ca.gov

COPY

Columbus copy document requested by bzhnf6 at 2:04:35 PM on 8/31/2017

2013 TERRAIN FWD SLT-2 GENERAL MOTORS LLC
GAN QUICKSILVER METALLIC /V6G
AFE JET BLACK RENAISSANCE CENTER
ORDER NO. QRKKX0/FDR STOCK NO. DETROIT MI 48243-1114
VIN 2GK FLWE 33 D6[redacted] VEHICLE INVOICE [redacted]
**********6658******48*26519S

MODEL & FACTORY OPTIONS	MSRP	INV AMT
TLJ26 TERRAIN FWD SLT-2	32130.00	29559.60
C1U FLT-ENTERPRISE RENT A CAR	0.00	0.00
LFX ENGINE, 3.6L V6 SIDI WITH VVT	1500.00	1275.00
MX0 TRANSMISSION, 6 SPD AUTOMATIC	N/C	N/C
VQ2 FLEET ORDERING & ASSISTANCE	0.00	0.00
VX7 FLT-PURCHASE RISK PROGRAM	0.00	0.00
YF5 50-STATE EMISSIONS	N/C	N/C

FLEET
INVOICE 02/13/13
SHIPPED 02/13/13
EXP I/T 02/26/13
INT COM 02/26/13
PRC EFF 01/01/12
KEYS
WFP-S QTR OPT-1
FAN: 000805331
BANK: ALLY - 061
CHG-TO 26-519
SHIP-TO 39-153
NATIONAL CAR RENT
LOS ANGELES CA

SHIP WT: 3944
HP: 32.9
GVWR: 5202
GAWR.FT: 2755
GAWR.RR: 2733
MRM: 34455.00
CUST PO NUMBER:
[redacted]
DAN: 00011

TOTAL MODEL & OPTIONS	33630.00	30834.60	ACT 237 31659.60
DESTINATION CHARGE	825.00	825.00	
TOTAL	34455.00	31659.60	PAY 310 31659.60

****
INVOICE DOES NOT REFLECT DEALER'S ULTIMATE COST BECAUSE OF MANUFACTURER REBATES, ALLOWANCES, INCENTIVES, HOLDBACK, FINANCE CREDIT AND RETURN TO DEALER OF ADVERTISING MONIES, ALL OF WHICH MAY APPLY TO VEHICLE.
****
THIS MOTOR VEHICLE IS SUBJECT TO A SECURITY INTEREST HELD BY ALLY.

CASA DE CADILLAC/EAN HOLDINGS LLC CA

REMIT TO ALLY NO. 061
VIN 2GKFLWE33D6[redacted]
$ 31659.60 INV [redacted]
DUE 02/26/13 DEALER [redacted]

Columbia copy document requested by bzhnf6 at 2:07:52 PM on 8/31/2017

RCMPR01O VEHICLE DELIVERY/INCENTIVE HISTORY 11/21/15
PROCESSING SOURCE: GMC TRUCK 10:05:03
PAGE: 1

VIN: 2GKFLWE33 D6[redacted] SELLG SCE: 48 MDL YR: 13 ORD NO: QRKKX0

ODATE: 10/24/12 ORDER FAN: [redacted] OTYPE: 050 DLVY SS/SITE CD: 48 26519
DDATE: 02/14/13 DLVY FAN: [redacted] DTYPE: 020 SRVC TYPE: MILEAGE:

DLVY DOE: 02/14/13 ORDER BY: ENTERPRISE RENT-A-CAR
CANC:
CANC DOE:
TRADE: DLVY TO: ENTERPRISE RENT-A-CAR
TRD DOE: 600 CORPORATE PARK DR
SRVC IN: CLAYTON MO [redacted]
SRVC OUT: CANC SRVC IN:
BFSO ORD DT: BFSO CUST:
PRICE ASSUR DT: PRICE ASSUR RT:

--INCENTIVES--

CODE	PAY	SS/SITE	INV/INC NO	DATE	AMOUNT	MTHD	DLR SHR	STAT
MXB	01	48 32641	[redacted]	02/19/13	5,100.00	OA	0.00	9

PROCESS TYPE: 001 CHECK NO: SSN:
DATA SCE: BARS INC MEMO NO: [redacted] AUTH PUR CD:
MISC DATE: MISC: 00700
POLICY PYMT CMNT: ACTV TYPE: 6

CODE	PAY	SS/SITE	INV/INC NO	DATE	AMOUNT	MTHD	DLR SHR	STAT
PRP	01	48 26519	[redacted]	02/15/13	0.00	IC	0.00	9

PROCESS TYPE: 010 CHECK NO: SSN:
DATA SCE: HOU INC MEMO NO: 5AD17645461 AUTH PUR CD:
MISC DATE: MISC:
POLICY PYMT CMNT: ACTV TYPE: 6

CODE	PAY	SS/SITE	INV/INC NO	DATE	AMOUNT	MTHD	DLR SHR	STAT
VX7	01	48 26519	[redacted]	02/15/13	0.00	IC	0.00	9

PROCESS TYPE: 014 CHECK NO: SSN:
DATA SCE: HOU INC MEMO NO: [redacted] AUTH PUR CD:
MISC DATE: MISC: VX7
POLICY PYMT CMNT: ACTV TYPE: 6

Columbia copy document requested by bzhnf6 at 2:08:53 PM on 8/31/2017

RCMPR028 VEHICLE EVENT SELECTION 11/21/15
PROCESSING SOURCE: GMC TRUCK 10:07:17
PAGE: 1

VIN: 2GKFLWE33 D6[redacted] SELLG SCE: 48 MDL YR: 13 ORD NO: [redacted]
VIN TYPE: N

EVENT DESC	SS/ SITE CD	DOCUMENT NUMBER	I S	EVENT DT	INC CD	AMOUNT	
EXPIRATION TRAN	48 26519	[redacted]		02/26/13		0.00	
SETTLEMENT DATE	48 26519			02/26/13		31,659.60	CR
INCENTIVE MEMO	48 32641			02/19/13	MXB	5,100.00	
INCTV PAYMENT	48 32641			02/19/13	MXB	5,100.00	
INCTV APPLICATN	48 32641			02/19/13	MXB	5,100.00	
INCENTIVE MEMO	48 26519			02/15/13	VX7	0.00	
INCTV PAYMENT	48 26519			02/15/13	VX7	0.00	
INCTV APPLICATN	48 26519			02/15/13	VX7	0.00	
INCENTIVE MEMO	48 26519			02/15/13	PRP	0.00	
INCTV PAYMENT	48 26519			02/15/13	PRP	0.00	
INCTV APPLICATN	48 26519			02/15/13	PRP	0.00	
DELIVERY D.O.E.	48 26519			02/14/13		0.00	
DELIVERY TO CUS	48 26519			02/14/13		0.00	
ORIGINAL INVOIC	48 26519			02/13/13		31,659.60	
COV/NVIS DATE	48 26519			02/13/13		0.00	
SHIPMENT DATE	48 39153			02/13/13		0.00	
PRODUCTION (BUI	48 26519			02/13/13		0.00	
PREFERENCE TO P	48 26519			10/30/12		0.00	
GM ORDER ACCEPT	48 26519	[redacted]		10/24/12		0.00	
GM ORDER ACCEPT				10/24/12		0.00	

View Vehicle Summary

This screen allows IVH users to view the Summary of Vehicle Information, Field Actions, Service Information, Applicable Warranties, Transaction History, Service Contract(s) if applicable, Warranty Block, Branded Title information and OnStar and XM Radio information (if applicable).

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GKFLWE33D6[redacted]
Model: TLJ26-2013 TERRAIN SLT FWD
Service Contract: No
Branded Title: No
Warranty Block: No
PDI Status: Yes
Order Type: 50 - FLEET
Field Actions: 1 Open

REQUEST ANOTHER VIN

Required Field Actions

Open Field Action Details are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Product Safety Recall	[redacted]	[redacted]	Front Wiper Transmission corrosion Failure	08/16/2016	Open

Branded Title

*The VIN information contained herein and information derived therefrom is the proprietary property of The Polk Company and is to be used only for the purpose of warranty verification and shall not be used for any other purpose whatsoever.

Vehicle has no current record of branded titles.

Warranty Block

Vehicle has no current record of warranty block.

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

Refer to Help page for details. For OnStar contact 888.ON.STAR1 (888.667.8271) and for XM Radio contact 877.GET.XMST (877.438.9677 Canada) and in the USA:800-556-3600.

OnStar Equipped: Y
OnStar Status: Inactive
XM Equipped: Y
XM Radio ID: L3GGT2RB
XM Status: Active
OnStar Vehicle Diagnostics: N
DMN Enabled: N

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	CBG Certified Pre-Owned	03/15/2014	02/14/2013	9 MI	02/14/2017	48,009 MI

Limited Warranty					
Corrosion Limited Warranty	03/15/2014	02/14/2013	9 MI	02/14/2019	100,009 MI
Emission Select Component Ltd Wty	03/15/2014	02/14/2013	9 MI	02/14/2021	80,009 MI
Emission Limited Warranty	03/15/2014	02/14/2013	9 MI	02/14/2016	50,009 MI
Standard CBG CPO Maintenance Plan	03/15/2014	03/13/2014	30,273 MI	03/13/2016	54,273 MI
Emission Select State Component Ltd Wty	03/15/2014	02/14/2013	9 MI	02/14/2020	70,009 MI
Powertrain Limited Warranty	03/15/2014	02/14/2013	9 MI	02/14/2018	100,009 MI
Bumper to Bumper Limited Warranty	03/15/2014	02/14/2013	9 MI	02/14/2016	36,009 MI

Service Contract

Vehicle has no current record of service contracts.

Transaction History

View Details

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
10/16/2015	[redacted]	ZREG----Regular Vehicle Transaction		0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI	42,051 MI
02/04/2015	[redacted]	ZREG----Regular Vehicle Transaction		0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI	35,626 MI
02/15/2013	[redacted]	ZPDI----Pre-Delivery Inspection		Z7000 - Pre-Delivery Inspection - Base Time	1 MI

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View Vehicle Build

This screen allows IVH users to view the initial build information on the selected VIN including option codes with descriptions (where available).

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GKFLWE33D6[redacted]
Model: TLJ26-2013 TERRAIN SLT FWD
Service Contract: No
Branded Title: No
Warranty Block: No
PDI Status: Yes
Order Type: 50 - FLEET
Field Actions: 1 Open

REQUEST ANOTHER VIN

Vehicle Build

Model: TLJ26-2013 TERRAIN SLT FWD
Gross Vehicle Weight: 2,362
Order Number: [redacted]
Build Date: 02/13/2013
Build Plant: 6

Option Codes

*IVH is not the definitive source of GM Vehicle RPO information and is intended for service reference only. Should there be any questions about the vehicle's original build or RPO information please refer to the original vehicle invoice or window sticker.

01A - TRIM COLOR SEAT	1AB - TRIM COLOR DOOR PANEL
1SZ - CHROME PACKAGE OPTION DISCOUNT PACKAGE SAVINGS	4AA - INTERIOR TRIM
4SB - 4SB TRIM	AE8 - PWR SEAT ADJUST-DRIVER, 8-WAY
AFE - JET BLACK	AKO - GLASS, DEEP TINTED (EXCEPT WIBDSHIELD, DRIVER/PASS SIDE GLASS)
AL0 - AIRBAG SENSING SYSTEM, PASSENGER	AR9 - SEAT, FRONT BUCKET
AT8 - RESTRAINT PROVISION CHILD RR SEAT	ATG - REMOTE KEYLESS ENTRY
AXP - VEHICLE TYPE MULTI-PURPOSE PASSENGER VEHICLE	AY0 - * AIRBAGS, DUAL FRONTAL, SIDE IMPACT, DRIVER AND PASSENGER FRONT PASSENGER, HEAD CURTAIN /SIDE AIRBAGS W/ROLLOVER PROTECTION, ALL ROWS
B1A - INGERSOL ONTARIO CANADA	B37 - FLOOR MATS FRONT & REAR
B9F - VEHICLE GM PRODUCTION WEEK 06	BTV - REMOTE VEHICLE START
C1U - FLT-ENTERPRISE RENT A CAR	C68 - AIR CONDITIONING, AUTOMATIC
CF5 - POWER SUNROOF	D70 - AXLE, 2.77 FINAL DRIVE RATIO
DCP - ONSTAR PROCESSING DIRECTIONS & CONNECTIONS	DD8 - INSIDE REARVIEW MIRROR, AUTO DIMMING
DL9 - POWER OUTSIDE MIRRORS, HEATED, CHROME	EAL - TRIM SEAT, LEATHER
EF7 - UNITED STATES OF AMERICA	FBF - TRIM DOOR VINYL
FE1 - SUSPENSION SYSTEM	FHO - VEHICLE FUEL GASOLINE E10
FLT - FLEET PROCESSING	GAN - QUICKSILVER METALLIC
GEG - GVWR, 5,203 LBS	I13 - ENGINEERING MODEL YEAR
JL9 - ANTI LOCK BRAKE SYSTEM	K34 - CRUISE CONTROL
KA1 - HEATED FRONT SEAT, DRIVER	KW8 - ALTERNATOR, 155 AMPS
LFX - ENGINE, 3.6L V6 SIDI WITH VVT	M7W - TRANSMISSION AUTO 6 SPD
MAH - MARKETING AREA US	MX0 - TRANSMISSION, 6 SPD AUTOMATIC
N10 - EXHAUST, DUAL TIPS	N37 - STEERING COLUMN, TILT AND TELESCOPIC
NP5 - LEATHER WRAP STEERING WHEEL	NU5 - EMISSION SYSTEM CALIFORNIA

PCW - SAFETY PACKAGE	QCS - SPARE WHEEL & TIRE
QNT - TIRES, ALL SEASON BLACKWALL	R13 - EXTERIOR CHROME PACKAGE INCL: * POWER OUTSIDE MIRRORS, HEATED, CHROME * BUMPERS, BODY COLOR, FRONT & REAR * GRILLE, WITH CHROME SURROUND * DOOR HANDLES, CHROME * LUGGAGE RACK SIDE RAILS, ROOF MOUNTED
R6F - PROCESS CODE FOR USE BY PROCESS MGMT	R9N - PROCESS OPTION
RSX - WHEELS, 18" CHROME CLAD ALUMINUM	S1G - SPARE WHEEL & TIRE
T96 - FOG LAMPS, FRONT	TB5 - REAR LIFTGATE, POWER PROGRAMMABLE
U2K - XM RADIO + SERVICE SUBSCRIPTION SOLD SEPARATELY BY SIRIUSXM AFTER 3 MTHS	U80 - COMPASS DISPLAY
UD7 - REAR PARKING ASSIST	UE1 - 6 MTHS ONSTAR DIRECTIONS AND CONNECTIONS WITH AUTOMATIC CRASH RESPONSE & TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)
UEU - FORWARD COLLISION ALERT AND LANE DEPARTURE WARNING	UFL - LANE DEPARTURE WARNING
UFU - RADIO, AM/FM CD PLAYER 7" COLOR SCREEN DISPLAY	UG1 - UNIVERSAL HOME REMOTE
UJM - TIRE PRESSURE MONITOR	UK3 - STEERING WHEEL CONTROLS
UP9 - GMC INTELLILINK, HANDS-FREE SMARTPHONE INTEGRATION WITH BLUETOOTH AUDIO STREAMING AND VOICE ACTIVATED AUDIO CONTROLS	UVC - REAR VISION CAMERA SYSTEM
UZ8 - AUDIO SYSTEM MONSOON SPEAKERS	V59 - LUGGAGE RACK SIDE RAILS, ROOF MOUNTED
V8D - VEHICLE STATEMENT US	VK3 - FRONT LICENSE PLATE BRACKET
VQ2 - FLEET ORDERING & ASSISTANCE	VT7 - OWNERS MANUAL ENGLISH
VX7 - FLT-PURCHASE RISK PROGRAM	VZD - MODEL YEAR IDENTIFIER
YB6 - BASE FR. AXLE-FOR SCH GVW PLAT	YD5 - FRONT SPRING - BASE EQUIPMENT
YD6 - REAR SPRING - BASE EQUIPMENT	YF5 - 50-STATE EMISSIONS

Added Option Codes

Vehicle has no current record of SAIO codes.

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View Vehicle Transaction History Detail

This screen allows IVH users to view the available information on individual transaction for the VIN selected.

For this vehicle:

→ View Vehicle Summary
- → Service Contract
- → Branded Title
- → Warranty Block

→ View Vehicle Build

→ View Vehicle Component Summary

→ View Vehicle Transaction History Detail

→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GKFLWE33D6[redacted] Model: TLJ26-2013 TERRAIN SLT FWD

Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 50 - FLEET

Field Actions: 1 Open

REQUEST ANOTHER VIN

Job Card Date: 10/16/2015 **Job Card Number:** [redacted] **Transaction Detail**

Repair Service Agent: 171[redacted]

HARDIN BUICK GMC
1321 AUTO CENTER DR
ANAHEIM CA 92806-5612
7146352020

Odometer Reading: 42,051 MI

Authorization Code:

Process Date:
10/19/2015

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0021-No Customer Complaint - Maintenance

Job Card Line #: 2 Transaction Adjustment: Cause Code: 9094-Other - Follow operation

Labour Op 0600213-C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI

Causal Part Number

→See other Parts and/or Net Items

Line Total: USD 35.00

Qty	Part Number	Description	Major Assembly	Traceability

Net Item Code
Z_NIM

Job Card Date: 02/04/2015 **Job Card Number:** [redacted] **Transaction Detail**

Repair Service Agent: 171[redacted]

HARDIN BUICK GMC
1321 AUTO CENTER DR
ANAHEIM CA 92806-5612
7146352020

Odometer Reading: 35,626 MI

Authorization Code:

Process Date:
02/11/2015

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0021-No Customer Complaint -

Maintenance

Job Card Line #: 1 Transaction Adjustment: Cause Code: 9094-Other - Follow operation

Labour Op 0600213-C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI

Causal Part Number

→See other Parts and/or Net Items Line Total: USD 35.00

Qty	Part Number	Description	Major Assembly	Traceability
Net Item Code			Description	
Z_NIM				

Job Card Date: 02/15/2013 **Job Card Number:** [redacted] **Transaction Detail**

Repair Service Agent: 127[redacted] Odometer Reading: 1 MI

EAN HOLDINGS, LLC
9030 AVIATION BLVD
INGLEWOOD CA 90301-2907

Authorization Code:

Process Date:
02/15/2013

Transaction Type:
ZPDI----Pre-Delivery Inspection

Transaction Expense Category:
Pre-Delivery Inspection

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op Z7000-Pre-Delivery Inspection - Base Time

Causal Part Number

Line Total: USD 88.86

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INTERFACE WITH CUSTOMER

Transaction Detail

Transaction Detail | Net Item Labour Parts

Transaction Detail

Vehicle

VIN	Sales Model Code		Transaction
2GKFLWE33D6[redacted]	TLJ26		[redacted]
Non GM Vehicle Indicator:	**Delivery Type:**	**Odometer:**	**Assigned Warranty Start Date:**
	020	42051	03/13/2014
Business Unit:	**Repairing BAC:**		**Submitting Service Agent:**
1000	171[redacted] - HARDIN BUICK GMC		171[redacted]

Transaction Header Information

Job Card:	Job Card Line:	Transaction Type:	
[redacted]	2	ZREG - Regular Vehicle Transaction	
Job Card Open Date:	**Repair completion date:**	**Process Date:**	**Financial Year & Month:**
10/16/2015	10/16/2015	10/19/2015	
Serialized Part ID:	**Causal Part Number:**	**Pre-Repair Approval Number:**	**Add-on:**

Labour Operation:
0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI

Transaction Version Information

Process Status:	Correction Required:	Labour Operation Dependency Code:	Reference Number:
ACC/PAID			
Transaction Category:	**Version:**	**Foreign Tourist VIN:**	**Tourist/Transient:**
Warranty	2		X
Additional Credit:	**Full Debit:**	**Partial Debit:**	**Action Performed:**
Service Advisor:	**Technician:**	**Flag Count:**	**Repair Group:**
0958197165	[redacted]	0	92-Maintenance
Number of TAC Cases:	**Number of CAC Cases:**	**SA Installed Option Flag:**	**Special Coverage:**
0	0		
Field Action:	**Deviation Debit Reason:**	**Invoice Verification Number:**	

Warranty Information

Distance in service:	Time in Service:	Days out of Warranty:	Distance out of Warranty:
11778	582	0	0

Master Warranty:
00000000000000300090

New Vehicle Damage

Damage Code:	Delivery Type:	Carrier Code - NVD:	Vehicle Delivery Receipt Date:

Vehicle Delivery Receipt Number:

Service Contract Information

MIC Agreement Ref Number:	MIC Agreement Ref Type:	MIC Part Number:	MIC Assembly Code:

Transaction Amounts

	Requested Before Tax	Paid Before Tax	Taxes	Total
Labour:	0.00	0.00	0.00	0.00
Parts & Parts Handling:	0.00	0.00	0.00	0.00
Net Items:	35.00	35.00	0.00	35.00
Deductible:				0.00

Job Card Header

Repairing BAC:	171[redacted] HARDIN BUICK GMC
Service Advisor Number:	0958197165
Job Card Number:	[redacted]
Job Card Open Date:	10/16/2015
VIN:	2GKFLWE33D6[redacted]
Sales Model Code:	TLJ26
Odometer:	42051
Reference Number:	
Job Card Line:	2
Labour Operation Code:	0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI
Repair completion date:	10/16/2015
Transaction Type:	ZREG - Regular Vehicle Transaction

Customer/Service Agent Participation :				0.00
Total:	35.00	35.00	0.00	35.00

Parts Return Status

Project ID:

Request Nbr:
001263797242

Complaint/Cause/Correction

Complaint: 0021 - No Customer Complaint - Maintenance

OIL LIFE AT 11

Cause: 9094 - Other - Follow operation

PERFORM OIL CHNAGE AND TIRE ROTATION

Correction:

COMPLETED OIL CHNAGE AND TIRE ROTATION

Approvals/Rejects

Approver: Approver Type: Effective Authorization: Required Auth Code:

Comment Log

No rows were found.

Date	Time Stamp	Source Code	Approver	Version Type	Version	Comment

VIN History

- (●) VIN History (Only Past 2 Years)
- ( ) Transaction History
- ( ) All History

Flag Count	Repairing Service Agent	Transaction Number	Version	Active Version Indicator	Process Status	Job Card Number	Job Card Date	VIN
[redacted]			2	X	ACC/PAID	[redacted]	02/15/2013	2GKFLWE33D[redacted]
			2	X	ACC/PAID	[redacted]	02/04/2015	2GKFLWE33D[redacted]
			2	X	ACC/PAID	[redacted]	10/16/2015	2GKFLWE33D[redacted]

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Transaction Detail

Transaction Detail | Net Item Labour Parts

Job Card Header

Repairing BAC:	171[redacted]- HARDIN BUICK GMC
Service Advisor Number:	0958197165
Job Card Number:	[redacted]
Job Card Open Date:	10/16/2015
VIN:	2GKFLWE33D6[redacted]
Sales Model Code:	TLJ26
Odometer:	42051
Reference Number:	
Job Card Line:	2
Labour Operation Code:	0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI
Repair completion date:	10/16/2015
Transaction Type:	ZREG - Regular Vehicle Transaction

Labour

No rows were found.

Labour Op	Description	Paid hours	Requested Amount	Paid Before Tax	Taxes	Total	Tax Rate

Requested Amount: 0.00 Paid Before Tax: 0.00
Taxes: 0.00 Total: 0.00

Parts

Causal Part:
Original Install Date:
Original Install Distance: 0 Invoice Number:
Replacement Parts

No rows were found.

Quantity	Causal Part	Part Number	Description	Requested Parts + Handling	Paid Parts	Paid Parts Handling	Paid Before Tax	Paid

Part Requested Amount (without Handling): 0.00 Paid Before Tax: 0.00
Causal Part Text:

Net Items

Description	Requested Amount	Paid Before Tax	Taxes	Total	Tax Rate	Invoice Number	VIN	Days	Distance	Rental Rea
Z_NIM - Miscellaneous	35.00	35.00	0.00	35.00	0	MAINT		0	0	

Net Item Requested Amount: 35.00 Net Item Total Amount: 35.00

Additional Parts Information

No rows were found.

ACD Batt Mths	ACD Batt Code	Service Code	Trans Code	Transaction Form Number

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INTERFACE WITH CUSTOMER

Transaction Detail

Transaction Detail | Net Item Labour Parts

Transaction Detail

Vehicle

VIN	Sales Model Code		Transaction
2GKFLWE33D6[redacted]	TLJ26		[redacted]
Non GM Vehicle Indicator:	**Delivery Type:**	**Odometer:**	**Assigned Warranty Start Date:**
	020	35626	03/13/2014
Business Unit:	**Repairing BAC:**		**Submitting Service Agent:**
1000	171[redacted] HARDIN BUICK GMC		171[redacted]

Transaction Header Information

Job Card:	Job Card Line:	Transaction Type:	
[redacted]	1	ZREG - Regular Vehicle Transaction	
Job Card Open Date:	**Repair completion date:**	**Process Date:**	**Financial Year & Month:**
02/04/2015	02/04/2015	02/11/2015	
Serialized Part ID:	**Causal Part Number:**	**Pre-Repair Approval Number:**	**Add-on:**

Labour Operation:
0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI

Transaction Version Information

Process Status:	Correction Required:	Labour Operation Dependency Code:	Reference Number:
ACC/PAID			
Transaction Category:	**Version:**	**Foreign Tourist VIN:**	**Tourist/Transient:**
Warranty	2		X
Additional Credit:	**Full Debit:**	**Partial Debit:**	**Action Performed:**
Service Advisor:	**Technician:**	**Flag Count:**	**Repair Group:**
0860775344	[redacted]	0	92-Maintenance
Number of TAC Cases:	**Number of CAC Cases:**	**SA Installed Option Flag:**	**Special Coverage:**
0	0		
Field Action:	**Deviation Debit Reason:**	**Invoice Verification Number:**	

Warranty Information

Distance in service:	Time in Service:	Days out of Warranty:	Distance out of Warranty:
5353	328	0	0

Master Warranty:
00000000000000300090

New Vehicle Damage

Damage Code:	Delivery Type:	Carrier Code - NVD:	Vehicle Delivery Receipt Date:

Vehicle Delivery Receipt Number:

Service Contract Information

MIC Agreement Ref Number:	MIC Agreement Ref Type:	MIC Part Number:	MIC Assembly Code:

Transaction Amounts

	Requested Before Tax	Paid Before Tax	Taxes	Total
Labour:	0.00	0.00	0.00	0.00
Parts & Parts Handling:	0.00	0.00	0.00	0.00
Net Items:	35.00	35.00	0.00	35.00
Deductible:				0.00

Job Card Header

Repairing BAC:	171[redacted] - HARDIN BUICK GMC
Service Advisor Number:	0860775344
Job Card Number:	[redacted]
Job Card Open Date:	02/04/2015
VIN:	2GKFLWE33D6[redacted]
Sales Model Code:	TLJ26
Odometer:	35626
Reference Number:	
Job Card Line:	1
Labour Operation Code:	0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI
Repair completion date:	02/04/2015
Transaction Type:	ZREG - Regular Vehicle Transaction

Customer/Service Agent Participation :				0.00
Total:	35.00	35.00	0.00	35.00

Parts Return Status

Project ID:

Request Nbr:
001233459346

Complaint/Cause/Correction

Complaint: 0021 - No Customer Complaint - Maintenance

lof/rotate

Cause: 9094 - Other - Follow operation

lof/rotate

Correction:

lof/rotate

Approvals/Rejects

Approver: Approver Type: Effective Authorization: Required Auth Code:

Comment Log

No rows were found.

Date	Time Stamp	Source Code	Approver	Version Type	Version	Comment

VIN History

- (●) VIN History (Only Past 2 Years)
- ( ) Transaction History
- ( ) All History

Flag Count	Repairing Service Agent	Transaction Number	Version	Active Version Indicator	Process Status	Job Card Number	Job Card Date	VIN
0	[redacted]	[redacted]	2	X	ACC/PAID	[redacted]	02/15/2013	2GKFLWE33D[redacted]
0	[redacted]	[redacted]	2	X	ACC/PAID	[redacted]	02/04/2015	2GKFLWE33D[redacted]
0	[redacted]	[redacted]	2	X	ACC/PAID	[redacted]	10/16/2015	2GKFLWE33D[redacted]

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Transaction Detail

Transaction Detail | Net Item Labour Parts

Labour

No rows were found.

Labour Op	Description	Paid hours	Requested Amount	Paid Before Tax	Taxes	Total	Tax Rate

Requested Amount: 0.00 Paid Before Tax: 0.00
Taxes: 0.00 Total: 0.00

Parts

Causal Part:
Original Install Date:
Original Install Distance: 0 Invoice Number:
Replacement Parts

No rows were found.

Quantity	Causal Part	Part Number	Description	Requested Parts + Handling	Paid Parts	Paid Parts Handling	Paid Before Tax	Paid

Part Requested Amount (without Handling): 0.00 Paid Before Tax: 0.00
Causal Part Text:

Net Items

Description	Requested Amount	Paid Before Tax	Taxes	Total	Tax Rate	Invoice Number	VIN	Days	Distance	Rental Rea
Z_NIM - Miscellaneous	35.00	35.00	0.00	35.00	0	maint		0	0	

Net Item Requested Amount: 35.00 Net Item Total Amount: 35.00

Additional Parts Information

No rows were found.

ACD Batt Mths	ACD Batt Code	Service Code	Trans Code	Transaction Form Number

Job Card Header

Repairing BAC: [redacted] HARDIN BUICK GMC
Service Advisor Number: 0860775344
Job Card Number: [redacted]
Job Card Open Date: 02/04/2015
VIN: 2GKFLWE33D6[redacted]
Sales Model Code: TLJ26
Odometer: 35626
Reference Number:
Job Card Line: 1
Labour Operation Code: 0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI
Repair completion date: 02/04/2015
Transaction Type: ZREG - Regular Vehicle Transaction

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Transaction Detail

Transaction Detail | Net Item Labour Parts

Transaction Detail

Vehicle

VIN	Sales Model Code		Transaction
2GKFLWE33D6[redacted]	TLJ26		001157624976
Non GM Vehicle Indicator:	**Delivery Type:**	**Odometer:**	**Assigned Warranty Start Date:**
		1	
Business Unit:	**Repairing BAC:**		**Submitting Service Agent:**
1006	127[redacted] - EAN HOLDINGS, LLC		127[redacted]

Transaction Header Information

Job Card:	Job Card Line:	Transaction Type:	
[redacted]	1	ZPDI - Pre-Delivery Inspection	
Job Card Open Date:	**Repair completion date:**	**Process Date:**	**Financial Year & Month:**
02/15/2013	02/15/2013	02/15/2013	
Serialized Part ID:	**Causal Part Number:**	**Pre-Repair Approval Number:**	**Add-on:**

Labour Operation:
Z7000 - Pre-Delivery Inspection - Base Time

Transaction Version Information

Process Status:	Correction Required:	Labour Operation Dependency Code:	Reference Number:
ACC/PAID			
Transaction Category:	**Version:**	**Foreign Tourist VIN:**	**Tourist/Transient:**
Pre-Delivery Inspection	2		
Additional Credit:	**Full Debit:**	**Partial Debit:**	**Action Performed:**
Service Advisor:	**Technician:**	**Flag Count:**	**Repair Group:**
0000009999	9999	0	06-Non Warranty / Miscellaneous
Number of TAC Cases:	**Number of CAC Cases:**	**SA Installed Option Flag:**	**Special Coverage:**
0	0		
Field Action:	**Deviation Debit Reason:**	**Invoice Verification Number:**	

Warranty Information

Distance in service:	Time in Service:	Days out of Warranty:	Distance out of Warranty:
0	0	0	0

Master Warranty:

New Vehicle Damage

Damage Code:	Delivery Type:	Carrier Code - NVD:	Vehicle Delivery Receipt Date:

Vehicle Delivery Receipt Number:

Service Contract Information

MIC Agreement Ref Number:	MIC Agreement Ref Type:	MIC Part Number:	MIC Assembly Code:

Transaction Amounts

	Requested Before Tax	Paid Before Tax	Taxes	Total
Labour:	6.84	88.86	0.00	88.86
Parts & Parts Handling:	0.00	0.00	0.00	0.00
Net Items:	0.00	0.00	0.00	0.00
Deductible:				0.00

Job Card Header

Repairing BAC:	127[redacted] EAN HOLDINGS, LLC
Service Advisor Number:	0000009999
Job Card Number:	[redacted]
Job Card Open Date:	02/15/2013
VIN:	2GKFLWE33D6[redacted]
Sales Model Code:	TLJ26
Odometer:	1
Reference Number:	
Job Card Line:	1
Labour Operation Code:	Z7000 - Pre-Delivery Inspection - Base Time
Repair completion date:	02/15/2013
Transaction Type:	ZPDI - Pre-Delivery Inspection

Customer/Service Agent Participation :				0.00
Total:	6.84	88.86	0.00	88.86

Parts Return Status

Project ID:

Request Nbr:
001157624976

Complaint/Cause/Correction

Complaint:

Cause:

Correction:

Auto PDI

Approvals/Rejects

Approver: Approver Type: Effective Authorization: Required Auth Code:

Comment Log

No rows were found.

Date	Time Stamp	Source Code	Approver	Version Type	Version	Comment

VIN History

- (●) VIN History (Only Past 2 Years)
- ( ) Transaction History
- ( ) All History

Flag Count	Repairing Service Agent	Transaction Number	Version	Active Version Indicator	Process Status	Job Card Number	Job Card Date	VIN
0	[redacted]	[redacted]	2	X	ACC/PAID	[redacted]	02/15/2013	2GKFLWE33D[redacted]
0	[redacted]	[redacted]	2	X	ACC/PAID	[redacted]	02/04/2015	2GKFLWE33D[redacted]
0	[redacted]	[redacted]	2	X	ACC/PAID	[redacted]	10/16/2015	2GKFLWE33D[redacted]

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INTERFACE WITH CUSTOMER

Transaction Detail

Transaction Detail | Net Item Labour Parts

Job Card Header

Repairing BAC:	127[redacted] - EAN HOLDINGS, LLC
Service Advisor Number:	0000009999
Job Card Number:	[redacted]
Job Card Open Date:	02/15/2013
VIN:	2GKFLWE33D6[redacted]
Sales Model Code:	TLJ26
Odometer:	1
Reference Number:	
Job Card Line:	1
Labour Operation Code:	Z7000 - Pre-Delivery Inspection - Base Time
Repair completion date:	02/15/2013
Transaction Type:	ZPDI - Pre-Delivery Inspection

Labour

	Labour Op	Description	Paid hours	Requested Amount	Paid Before Tax	Taxes	Total
Base Labour Hours	Z7000		1.3	6.84	88.86	0.00	88.86

Requested Amount: 6.84 Paid Before Tax: 88.86
Taxes: 0.00 Total: 88.86

Parts

Causal Part:
Original Install Date:
Original Install Distance: 0 Invoice Number:
Replacement Parts

No rows were found.

Quantity	Causal Part	Part Number	Description	Requested Parts + Handling	Paid Parts	Paid Parts Handling	Paid Before Tax	Paid

Part Requested Amount (without Handling): 0.00 Paid Before Tax: 0.00
Causal Part Text:
Auto PDI

Net Items

No rows were found.

Description	Requested Amount	Paid Before Tax	Taxes	Total	Tax Rate	Invoice Number	VIN	Days	Distance	Rental Reason Code

Net Item Requested Amount: 0.00 Net Item Total Amount: 0.00

Additional Parts Information

No rows were found.

ACD Batt Mths	ACD Batt Code	Service Code	Trans Code	Transaction Form Number

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View Vehicle Delivery Information

This screen allows IVH users to view the available information for the selected VIN delivered to the Service Agent and the ultimate customer. Not all sections will be populated for all VINs.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2GKFLWE33D6[redacted] Model: TLJ26-2013 TERRAIN SLT FWD
Service Contract: No Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 50 - FLEET
Field Actions: 1 Open

REQUEST ANOTHER VIN

Invoice Information

Invoicing Service Agent: 119[redacted]
CASA DE CADILLAC
14401 VENTURA BLVD
SHERMAN OAKS CA 91423-2681 8189812000

Invoice Date: 02/13/2013

Ship to Information

Ship to Service Agent: 139[redacted]
NATIONAL CAR RENTAL SYSTEMS
9419 AIRPRT BLVD LA INT
LOS ANGELES CA 90045-4950

Ship to Date: N/A

Delivery Information

Delivery Service Agent: 119[redacted]
CASA DE CADILLAC
14401 VENTURA BLVD
SHERMAN OAKS CA 91423-2681 8189812000

. Delivery Date: 02/14/2013
Delivery Type: 020---DAILY RENTAL
Delivery Odometer: 9

In Service Information

Invoicing Service Agent:

In Service Date: N/A
In Service Type: 0000
In Service Odometer: 0

Registration Information

Registration Service Agent: N/A

Registration Date: N/A
Registration Number: N/A
Registration Odometer: 0

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VINCAMPI DISPLAY VIN\RELATED CAMPAIGNS KIPSA06I
09/06/2017 06:23

VIN: 2GKFLWE33D6[redacted] OPEN\CLOSED STATUS:

SEL COD	CAMPAIGN NUMBER	STATUS	REPAIR DATE	REPAIR BAC	PREV. NUMBER	CAMPAIGN TYPE
	25302	OPEN	/ /			SAFETY

FRONT WIPER TRANSMISSION CORROSION FAILURE USA VEHICLES ONLY

INQUIRY COMPLETE PW:

PF 10 MANT 11 VHCP 12 DLRA 13 AUDT 14 XREF 15 DESC 16 ADST 17 NADR 18 DELT
19 PERF 20 21 22 23 24 PF SELECT: GOTO:

Product Safety Recall
25302 Front Wiper Transmission Corrosion Failure (USA Only)

Reference Number: [redacted]

Release Date: April 2017
Revision: 01

Revision Description: This bulletin has been revised to add a copy of the customer notification letter. Please discard all copies of bulletin 25302.

Attention:	It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied. All involved vehicles that are in dealer inventory must be held and not delivered to customers, dealer traded, or used for demonstration purposes until the repair contained in this bulletin has been performed on the vehicle.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Equinox	2013	2013		
GMC	Terrain	2013	2013		

Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

Condition	General Motors has decided that a defect, which relates to motor vehicle safety, exists in certain 2013 model year Chevrolet Equinox and GMC Terrain vehicles. The ball joints in the windshield wiper modules of these vehicles may experience high corrosion and wear that could result in the separation of one or more ball joints from their sockets during wiper operation. If a ball joint were to separate, one or both of the windshield wipers could become inoperative. If one or both of the windshield wipers become inoperative, it could limit the driver's visibility under certain operating conditions, which may increase the risk of a crash.
Correction	Dealers will inspect the front wiper-module. If the module has not been previously replaced with part number 84241847, then the dealers will replace it with the new module (i.e., 84241847) that has a water deflector and improved ball joints. In addition, dealers will fill the water-management hole near the passenger-side wiper-pivot and drill a small hole on the adjacent wall of the air inlet panel (AIP). If the module was previously replaced with part 84241847, then the only repair dealers need to complete is the AIP-hole repair—drilling a small hole on the adjacent wall of the AIP.

Parts

Quantity	Part Name	Part No.
1	Plug	15259076
1	Module Assembly – Windshield Wiper System	84241847

Parts Pre-Ship Information

Important: An initial supply of all parts for the 15259076 (Plug) and 84241847 (Windshield Wiper System Module Assembly) required to complete this recall will be pre-shipped to all impacted dealers of record. This pre-shipment is scheduled to begin and conclude the week of March 20, 2017. Pre-shipped parts will be charged to dealer's open parts account.

Additional parts, if required, to complete this recall are to be obtained from General Motors Customer Care and Aftersales (GMCC&A). Please refer to your "involved vehicles listing" before ordering parts. Order parts on a CSO = Customer Special Order only. DRO's may be cancelled. **All orders will be reviewed prior to being filled.** Parts may have quantity limiters in effect.

Important: Due to limited initial parts availability, dealers are encouraged not to order recall parts for use as shelf stock.

Reminder: Parts may be removed from Retail Inventory Management (RIM). Dealers should review the affected parts to confirm RIM managed status.

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Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9102504	Install Windshield Wiper Module Assembly, Includes Air Inlet Panel Revision	0.5	ZFAT	N/A
9103074*	Air Inlet Panel Revision Only (New Windshield Wiper Module Assembly Previously Installed)	0.4	ZFAT	N/A
9103046	Customer Reimbursement Approved	N/A	ZFAT	**
9103047	Customer Reimbursement Denied	N/A	ZFAT	***

Note: To avoid having to "H" route the customer reimbursement transaction for approval, it must be submitted prior to the repair transaction.

* Use this code if the new Windshield Wiper Module Assembly (PN 84241847) was previously replaced.

** Submit the dollar amount reimbursed to the customer in Net/Reimbursement. Submit $20.00 administrative allowance in Net/Admin Allowance.

*** Submit $10.00 administrative allowance in Net/Admin Allowance.

Service Procedure

Note: Some previous repairs may have been completed under customer pay, warranty or goodwill. If the windshield wiper system module assembly has been replaced with part number 84241847, do not replace the windshield wiper system module assembly. This service part has the water deflector installed. On these vehicles, only the air inlet panel drain hole plug and relocation steps are required.



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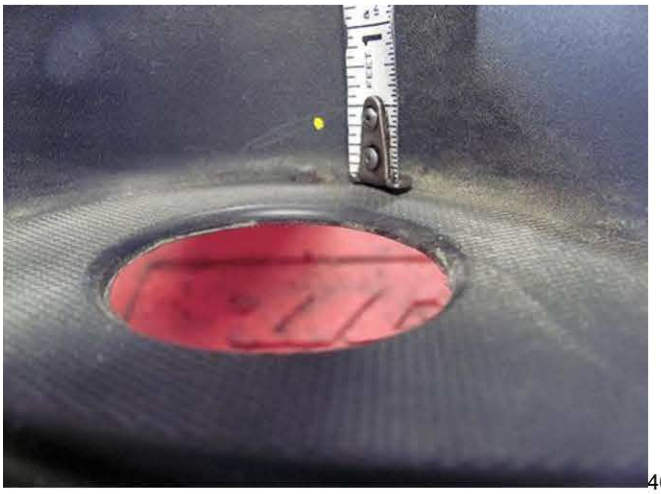
Note: Inspect the air inlet panel mounting tabs after the panel has been removed from the vehicle. If the tabs are damaged, install a new air inlet panel. The new service panel does not require the drain hole relocation steps outlined below.

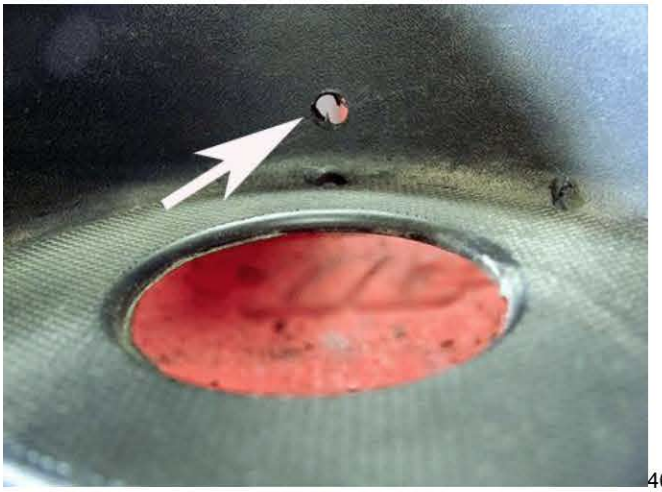
1. Remove the windshield wiper module assembly. Refer to *Windshield Wiper System Module Replacement* in SI.


4625477

2. With the air inlet panel removed from the vehicle, locate the drain hole by the right side wiper shaft opening.
3. Using a 6mm (15/64 in.) drill bit, enlarge the existing hole to accept the rubber plug.


4625481

4. Measure up 11mm (3/8 in.) from the existing drain hole.
5. Mark the drill location.


4625482

6. Drill a new 6mm (15/64 in.) drain hole.


4625488

7. Plug the original drain hole with the plug listed above.
8. Install the new windshield wiper module assembly. Refer to Refer to *Windshield Wiper System Module Replacement* in SI.


4625489

9. Ensure the water shield is positioned correctly in the vehicle before installing the air inlet panel.

Dealer Responsibility

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

The US National Traffic and Motor Vehicle Safety Act provides that each vehicle that is subject to a recall of this type must be adequately repaired within a reasonable time after the customer has tendered it for repair. A failure to repair within sixty days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the customer may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation. To avoid having to provide these burdensome remedies, every effort must be made to promptly schedule an appointment with each customer and to repair their vehicle as soon as possible. In the recall notification letters, customers are told how to contact the US National Highway Traffic Safety Administration if the recall is not completed within a reasonable time.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this recall must be held and inspected/repaired per the service procedure of this bulletin before customers

take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

Dealers are to service all vehicles subject to this recall at no charge to customers, regardless of mileage, age of vehicle, or ownership, from this time forward.

Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Recall follow-up cards should not be used for this purpose, since the customer may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this recall enters your vehicle inventory, or is in your dealership for service in the future, you must take the steps necessary to be sure the recall correction has been made before selling or releasing the vehicle.

Dealer Reports

For dealers with involved vehicles, a listing with involved vehicles has been prepared and will be provided to U.S. dealers through the GM GlobalConnect Recall Reports. The listing may contain customer names and addresses obtained from Motor Vehicle Registration Records. The use of such motor vehicle registration data for any purpose other than follow-up necessary to complete this recall is a violation of law in several states/provinces/countries. Accordingly, you are urged to limit the use of this report to the follow-up necessary to complete this recall.

Customer Notification

General Motors will notify customers of this recall on their vehicle (see copy of customer letter included with this bulletin).

Customer Reimbursement

Customer requests for reimbursement of previously paid repairs to correct the condition described in this bulletin are to be submitted to the dealer prior to or by April 30, 2018. See General Motors Service Policies and Procedures Manual, Section 6.1.11 – Product Field Action Customer Reimbursement Procedure or local Policies and Procedures, for details.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the tools, equipment, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your dealer for information on whether your vehicle may benefit from the information.

We Support Voluntary Technician Certification

IMPORTANT SAFETY RECALL

April 2017

This notice applies to your vehicle, **VIN:** _____

Dear General Motors Customer:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

General Motors has decided that a defect, which relates to motor vehicle safety, exists in certain 2013 model year Chevrolet Equinox and GMC Terrain vehicles. As a result, GM is conducting a safety recall. We apologize for this inconvenience. However, we are concerned about your safety and continued satisfaction with our products.

I M P O R T A N T

- Your vehicle is involved in GM safety recall 25302.
- Schedule an appointment with your GM dealer.
- This service will be performed for you at **no charge**.

Why is your vehicle being recalled?

The ball joints in the windshield wiper modules in your vehicle may experience high corrosion and wear that could result in the separation of one or more ball joints from their sockets during wiper operation. If a ball joint were to separate, one or both of the windshield wipers could become inoperative. If one or both of the windshield wipers become inoperative, it could limit your visibility under certain operating conditions, which may increase the risk of a crash.

What will we do?

Your dealer will inspect the front wiper-module. If the module has not been previously replaced with part number 84241847, your dealer will replace it with the new module (i.e., 84241847) that has a water deflector and improved ball joints. In addition, your dealer will fill the water-management hole near the passenger-side wiper-pivot and drill a small hole on the adjacent wall of the air inlet panel (AIP). If the module was previously replaced with part 84241847, then the only repair your dealer would need to complete is the AIP-hole repair—drilling a small hole on the adjacent wall of the AIP. This service will be performed for you at **no charge**. Because of service scheduling requirements, it is likely that your dealer will need your vehicle longer than the actual inspection and service correction time of approximately 35 minutes.

What should you do?

You should contact your GM dealer to arrange a service appointment as soon as possible.

Did you already pay for this repair?

Even though you may have already had repairs for this condition, you will still need to take your vehicle to your dealer for additional repairs. If you have paid for repairs for the recall condition, please complete the enclosed reimbursement form and present it to your dealer with all required documents. Working with your dealer will expedite your request, however, if this is not convenient, you may mail the completed reimbursement form and all required documents to Reimbursement Department, PO Box 33170, Detroit, MI 48232-5170. The completed form and required documents must be presented to your dealer or received by the Reimbursement Department by April 30, 2018, unless state law specifies a longer reimbursement period.

Product Safety Recall
25302 Front Wiper Transmission Corrosion Failure (USA Only)

Do you have questions? If you have questions or concerns that your dealer is unable to resolve, please contact the appropriate Customer Assistance Center at the number listed below.

Division	Number	Text Telephones (TTY)
Chevrolet	1-800-630-2438	1-800-833-2438
GMC	1-866-996-9463	1-800-462-8583
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	

If after contacting your dealer and the Customer Assistance Center, you are still not satisfied we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1.888.327.4236 (TTY 1.800.424.9153), or go to http://www.safercar.gov. The National Highway Traffic Safety Administration Campaign ID Number for this recall is 16V582.

Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Jeffrey M. Boyer
Vice President
Global Vehicle Safety

Enclosure
GM Recall 25302

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

Service Request Activities – UCC PAR

Service Request Detail

SR No.	8-[redacted]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CCC - CAC Tier 1
Address	[redacted]			Approval	Not Initiated	Area	Complaint Vehicle - Veh Down
City		Zip [redacted]	State [redacted]	UCC	Electrical - Power Windshield Wiper - Motor / Blades / Arms	Sub-Area	Initial Failure/Repair
Last Name		First Name [redacted]		Involved Dlr		Safety	Other
Daytime #		Evening #		Source	Phone	Updated	10/15/2018 11:21:45
Serial/VIN #	2CNFLFE58B[redacted]	Mileage	100000	Priority	Medium License # CHEVROLET	Owner	ZZF0MN
Model	Equinox	Model Year	2011	Status	Open	Opened	Oct 8, 2018 4:35 PM
Make	Chevrolet	Warranty Start	10/13/2010 00:00:00	Sub Status	Unable to Contact	Closed	
Cust Concern	Windshield Wiper Malfunction						
Customer Description							

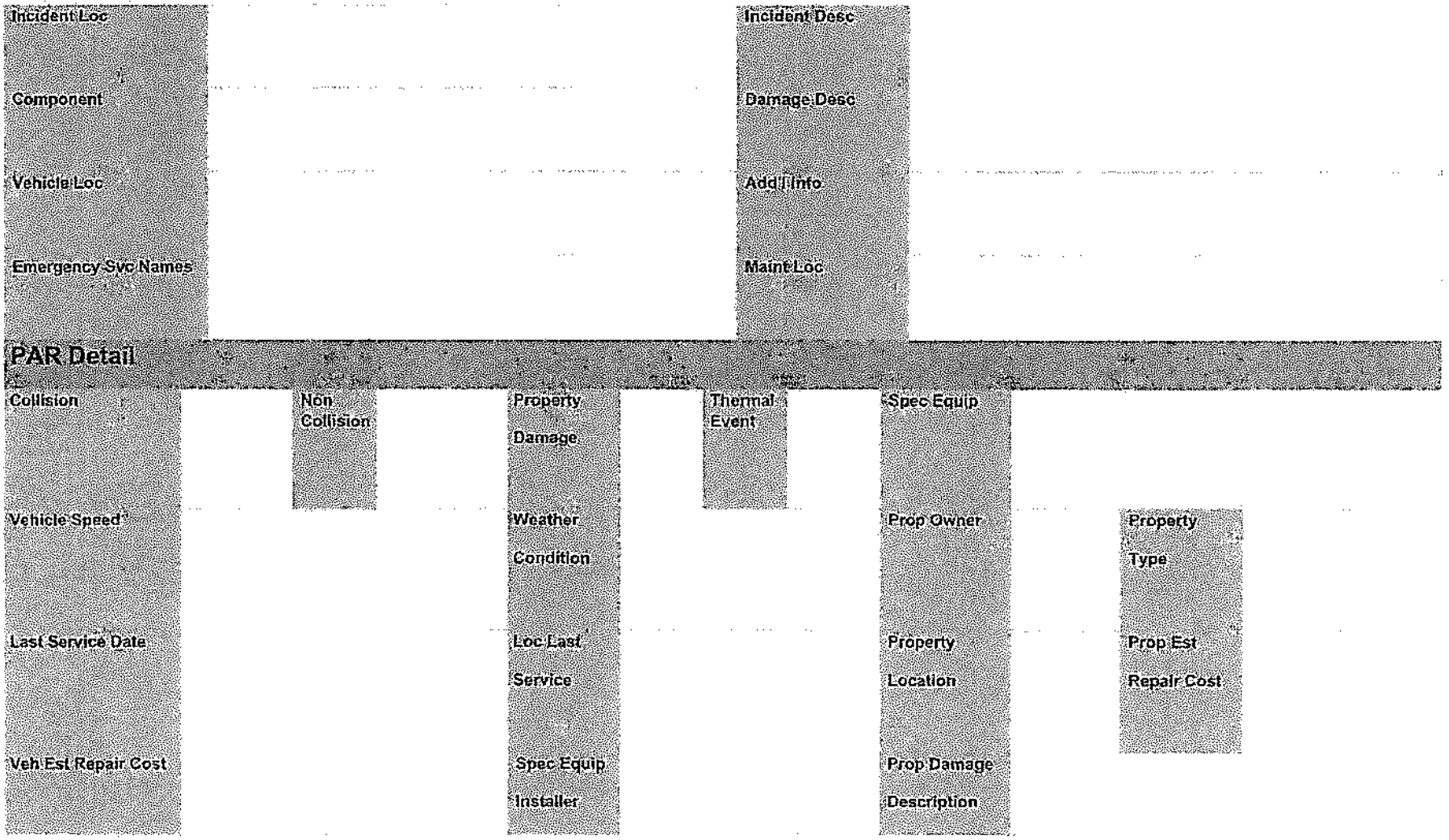
Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#

Driver Last Name	Driver First Name	Height	DOB	Disabilities

Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency

Service Request Activities – UCC PAR



Service Request Activities – UCC PAR

Primary Veh Use		Inspection Type		Inspected By		Inspection Date/Time	
Veh Damage Description				Explain Other			

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 12, 2018 5:18 PM	ZZF0MN	MZJDB7	Manager Review	Case Review	Done	10/12/2018 19:29:39	PAC Escalation Review

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Approved to escalate

Mike//ATX//TL

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 12, 2018 5:17 PM	ZZF0MN	ZZF0MN	Inbound Call Customer	Complex Request	Done	10/12/2018 17:18:56	windshield wipers

Last Name	First Name	Account	BAC Code
Deyoung	Robin		

Comments

R customer was calling back to give me the information needed to escalate case to PAC

E informed customer I will be escalating case to our Product Allegations team and someone will be reaching to them in 3 business days.

R GMA

Sandra/ATX/CAC/T1

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 12, 2018 4:53 PM	ZZF0MN	ZZF0MN	Outbound Call Customer	Left Message	Done	10/12/2018 16:55:12	Called [redacted]@ [redacted]

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Left a voicemail for [redacted]@[redacted] asking for a callback to get additional information for PAC. Left phone # [redacted] and also her case # [redacted]

Sandra/ATX/CAC/T1

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 12, 2018 4:49 PM	ZZF0MN	ESISBIQU	Escalation	ESIS - CAC Third Party	In Progress		Escalating to ESIS

Last Name	First Name	Account	BAC Code
Deyoung	Robin		

Comments

1. Date of the incident: 10/1/2018 @ 10:00 pm
2. Was there an accident?: yes
3. Accident Location (State): Michigan
4. Please describe the incident and what vehicle part is the alleged concern: Her husband was driving home and it started to rain really hard and he put his wipers on and they went into one direction and stopped working. He couldn't see anything in front of him because it was raining so hard and he was on the expressway. The road started to curve and he didn't see it and he ran into the vehicle in the next lane. His front quarter panel hit their back quarter panel.

5. Where is the vehicle currently located? (Dealer, tow yard, customer home, other): Car Star Repair Shop in Rockford Michigan

6. Was an Insurance claim filed?:Yes
7. Has the vehicle been repaired?: It's in process, they contacted her husband said it would be ready next week Thursday

If yes to 8 or 9 below, send to ESIS:
8. Did anyone seek professional medical attention?
   If Yes: Who was hurt? NO
   Name:
   Seat position:
   Nature of injury:

9. Did the part concern/allegation cause damage to anything outside the vehicle? No
   If Yes: What was damaged? (Building, house, wall, other)

10. Why are you Escalating this to PAC or ESIS? The windshield wipers stopped working while he was driving in the pouring rain causing him to crash into another vehicle

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 12, 2018 4:49 PM	ZZF0MN	ZZF0MN	Ownership Changed		Done	10/12/2018 16:49:45	Service Request Ownership has changed FROM: NZ248R TO: ZZF0MN

Last Name [redacted] First Name

Account

BAC Code

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 12, 2018 4:44 PM	MZJDB7	NZ248R	SR Opened		Done	10/12/2018 16:44:33	SR in Status of Closed has been Re-Opened by MZJDB7

Last Name [redacted] First Name

Account

BAC Code

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description

Oct 8, 2018 6:40 PM	MZJDB7	NZ248R	SR Closed - Denial-No Dlr Inv	Done	10/08/2018 18:40:42	Service Request has been Closed Denial-No Dlr Inv.

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 8, 2018 4:42 PM	NZ248R	MZJDB7	Manager Review	Case Review	Done	10/08/2018 18:40:36	RTC

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Approved

Mike//ATX//TL

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 8, 2018 4:35 PM	NZ248R	NZ248R	Inbound Call Customer	Complex Request	Done	10/08/2018 16:42:23	Windshield Whipper Malfunction

Last Name	First Name	Account	BAC Code
[redacted]			

Comments

Reason: Customer called stating she noticed there was a recall on her vehicle. And due to this recall it caused her husband to wreck his vehicle.
She was wanting to know if we could help with the cost of repairs on her vehicle and the other vehicle. Customer stated she already an insurance claim and nobody was injured.

Expectation: Informed the customer there was no recall on he vehicle but did inform her that I Could escalate this up to our PAC center who is trained in handling these specific issue.

Resources: GMA,GWM

Jasman.ATX.CAC.T1

Confidential Comments

UCC Information

UCC Code	Description	Symptom
N51	Electrical - Power Windshield Wiper - Motor / Blades / Arms	Inoperative

End of Report

Authority: 1949 PA 300, Sec.257.622
Compliance: Required MSP UD-10E
Penalty: $100 and/or 90 days (Rev 01/2016)

External # 0434786 Crash ID [redacted]

Page 01 of 01
File Class 93001
Incident # [redacted]

STATE OF MICHIGAN TRAFFIC CRASH REPORT

ORI M[redacted] | Department Name [redacted] | Reviewer [redacted]

Crash Date	Crash Time	No. of Units	Crash Type	Special Circumstances	Special Checks
10/01/2018	22:02	02	Sideswipe-Same	● None O Hit and Run O School Bus O Fleeing Police O Unknown O Animal	O Fatal O Non-Traffic Area O ORV/Snowmobile

County	Traffic Control	Relation to Roadway	Weather	Area
41 - Kent	None	On the Road	Rain	FRWY O her Freeway Areas

City/Twsp	Contributing Circumstances 1st	2nd	Light	Road Surface Condition	Total Lanes	Speed Limit	Posted
17 - Plainfield Twp	None		Dark-Unlighted	Wet	02	70	Yes

Work Zone (if applicable) — Type | Workers Present | Activity | Location

LOCATION

Prefix	Primary Road Name	Road Type	Suffix	Divided Roadway
N	US 131	FWY		

Distance / Direction	Trafficway
211 Feet N	Divided Hwy with Barrier

Prefix	Intersecting Road Name	Road Type	Suffix	Divided Roadway
W	RIVER	DR	NE	

UNIT / DRIVER

Unit Number	Unit Known	State	Driver License Number	Date of Birth (Age)	License Type	Endorsements	Sex	Total Occupants	Hazardous Action
01	Yes	[redacted]	[redacted]	[redacted]	● Operator O Chauffeur O Moped	O Cycle O Farm O Recreation	M	01	Careless Driving

Unit Type	Driver Information	Driver is Owner	Injury	Position	Restraint
MV	[redacted]	Yes	O	Front - Left	Shoulder and Lap Belt

Driver Condition at Time of Crash 1st	2nd	Driver Distracted By	Ejected	Trapped	Airbag Deployed
Appeared Normal		Other Activity Inside Veh			Not Deployed

Hospital	Ambulance
NONE	NONE

Alcohol Suspected	Contributing Factor	Alcohol Test Type	Alcohol Test Results	Interlock Device
No	No	O Breath O Blood O Urine O Field O PBT O Refused ● Not Offered	O Pending Test Results:	No

Drug Suspected	Contributing Factor	Drug Test Type	Drug Test Results	Citation Issued
No	No	O Blood O Urine O Field O Refused ● Not Offered	O Pending Test Results:	● Hazardous FAIL TO STOP IN ASSURED DISTANC O Other

Vehicle Registration	State	Vehicle Description	Year	Make	Model	Color
[redacted]	MI		2011	CHEVROLET	EQUINOX	RED

VIN	Vehicle Type	Special Vehicles	Private Trailer Type	Vehicle Defect
2CNFLFE58B6[redacted]	Passenger Car, SUV, Van	Not Applicable		

Automation System(s) in Vehicle	Automation System Level in Vehicle	Automation System Level Engaged at Time of Crash
No	No Automation	No Automation

Insurance Company	Insurance Policy #	Towed By	Towed To
[redacted]	[redacted]	DRIVEN BY DRIVER	

Location of Greatest Damage	First Impact	Extent of Damage (Power Unit and/or Trailers)	Vehicle Direction	Vehicle Use	Action Prior
02	02	Functional Damage	N	Private	Going Straight Ahead

Sequence of Events (● indicates MOST harmful event)	First	Second	Third	Fourth
	● 17 - Motor Veh in Transport			

PASSENGERS

Passenger Information	Date of Birth (Age)	Sex	Position	Restraint

Injury	Ejected	Trapped	Airbag Deployed

Hospital	Ambulance

Passenger Information	Date of Birth (Age)	Sex	Position	Restraint

Injury	Ejected	Trapped	Airbag Deployed

Hospital	Ambulance

TRUCK/BUS

Carrier Information	USDOT	MC	MPSC

Driver's CDL Type	Endorsements	CDL Exempt
	O H O P O T O N O S O X	O Farm O Other

GVWR/GCWR	Vehicle Configuration	Cargo Body Type	Medical Card	Hazardous Material	ID #	Class #
O 10,000 lbs. or Less O 10,001 - 26,000 lbs. O Greater than 26,000 lbs.				O Placard O Cargo Spill		

OWNERS

Owner Information	Owner Information

Damaged Property	Public	Owner & Phone

UNIT/DRIVER

Unit Number	Unit Known	State	Driver License Number	Date of Birth (Age)	License Type	Endorsements	Sex	Total Occupants	Hazardous Action
02	Yes	MI	[redacted]	[redacted]	● Operator O Chauffeur O Moped	O Cycle O Farm O Recreation	F	01	None

Unit Type	Driver Information	Driver is Owner	Injury	Position	Restraint
MV	[redacted]	Yes	O	Front - Left	Shoulder and Lap Belt

Driver Condition at Time of Crash 1st	2nd	Driver Distracted By	Ejected	Trapped	Airbag Deployed
Appeared Normal		Not Distracted			Not Deployed

Hospital	Ambulance
NONE	NONE

Alcohol Suspected	Contributing Factor	Alcohol Test Type	Alcohol Test Results	Interlock Device
No	No	O Breath O Blood O Urine O Field O PBT O Refused ● Not Offered	O Pending Test Results:	No

Drug Suspected	Contributing Factor	Drug Test Type	Drug Test Results	Citation Issued
No	No	O Blood O Urine O Field O Refused ● Not Offered	O Pending Test Results:	O Hazardous O Other

Ve ration	State	Vehicle Description	Year	Make	Model	Color
[redacted]	MI		2013	CHEVROLET	TAHOE	BLK

VIN	Vehicle Type	Special Vehicles	Private Trailer Type	Vehicle Defect
1GNSKBE02DR[redacted]	Passenger Car, SUV, Van	Not Applicable		

Automation System(s) in Vehicle	Automation System Level in Vehicle	Automation System Level Engaged at Time of Crash
No	No Automation	No Automation

Insurance Company	Insurance Policy #	Towed By	Towed To
[redacted]	[redacted]	DRIVEN BY DRIVER	

Location of Greatest Damage	First Impact	Extent of Damage (Power Unit and/or Trailers)	Vehicle Direction	Vehicle Use	Action Prior
06	06	Functional Damage	N	Private	Going Straight Ahead

Sequence of Events (● indicates MOST harmful event)	First	Second	Third	Fourth
	● 17 - Motor Veh in Transport			

PASSENGERS

Passenger Information	Date of Birth (Age)	Sex	Position	Restraint

Injury	Ejected	Trapped	Airbag Deployed

Hospital	Ambulance

Passenger Information	Date of Birth (Age)	Sex	Position	Restraint

Injury	Ejected	Trapped	Airbag Deployed

Hospital	Ambulance

TRUCK/BUS

Carrier Information	USDOT	MC	MPSC

Driver's CDL Type	Endorsements	CDL Exempt
	O H O P O T O N O S O X	O Farm O Other

GVWR/GCWR	Vehicle Configuration	Cargo Body Type	Medical Card	Hazardous Material	ID #	Class #
O 10,000 lbs. or Less O 10,001 - 26,000 lbs. O Greater than 26,000 lbs.				O Placard O Cargo Spill		

OWNERS

Owner Information	Owner Information

WITNESS

Witness Information	Witness Information

Investigated at Scene	Reported Date (Time)	1st Investigator Name (Badge)	2nd Investigator Name (Badge)	Photos
Yes	10/01/2018 (22:26)	[redacted]		No

Narrative

Both Vehicles were N/B on US 131 Fwy. Vehicle #1 was in the left lane and Vehicle #2 was in the right lane. It was raining at the time of the crash. Driver #1 stated that his windshield wipers had stopped working and he was trying to get them to start. He stated that as he was turning the knob, he stated that he must have drifted over the line. Vehicle #1 then struck Vehicle #2. Driver #2 stated that she was in the right lane. She stated that she did not see Vehicle #1 drift over. Driver #2 stated just stated that Vehicle #1 crashed into her.

Diagram



Detroit, MI

CARFAX® Vehicle History Report™

An independent company established in 1986

US $39.99

Vehicle Information:
2011 CHEVROLET EQUINOX LTZ
VIN: 2CNFLFE58B6[redacted]
4 DOOR WAGON/SPORT UTILITY
3.0L V6 F DOHC 16V
GASOLINE
FRONT WHEEL DRIVE
Standard Equipment | Safety Options

CARFAX Report Provided By:
ESIS GM
300 Renaissance Ctr
Detroit, MI 48243
(586) 212-2141

- Accident reported
- **2** Previous owners
- **32** Service history records
- Personal vehicle
- Last owned in Michigan
- **130,586** Last reported odometer reading



This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 10/16/18 at 8:21:28 AM (CDT). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

CARFAX Ownership History

The number of owners is estimated

	Owner 1	Owner 2
Year purchased	2010	2014
Type of owner	Personal	Personal
Estimated length of ownership	2 yrs. 7 mo.	4 years
Owned in the following states/provinces	Michigan	Michigan
Estimated miles driven per year	11,387/yr	23,420/yr
Last reported odometer reading	40,355	130,586

CARFAX Title History

CARFAX guarantees the information in this section

	Owner 1	Owner 2
Salvage | Junk | Rebuilt | Fire | Flood | Hail | Lemon	Guaranteed No Problem	Guaranteed No Problem
Not Actual Mileage | Exceeds Mechanical Limits	Guaranteed No Problem	Guaranteed No Problem

GUARANTEED - None of these major title problems were reported by a state Department of Motor Vehicles (DMV). If you find that any of these title problems were reported by a DMV and not included in this report, CARFAX will buy this vehicle back. Register | View Terms | View Certificate

CARFAX Additional History

Not all accidents / issues are reported to CARFAX

	Owner 1	Owner 2
Total Loss No total loss reported to CARFAX.	No Issues Reported	No Issues Reported
Structural Damage No structural damage reported to CARFAX.	No Issues Reported	No Issues Reported
Airbag Deployment No airbag deployment reported to CARFAX.	No Issues Reported	No Issues Reported
Odometer Check No indication of an odometer rollback.	No Issues Indicated	No Issues Indicated
Accident / Damage Accident reported on 10/01/2018.	No Issues Reported	Accident Reported
Manufacturer Recall	No Recalls	No Recalls

No open recalls reported to CARFAX. Check for open recalls on GM vehicles at recalls.gm.com.	✓ Reported	✓ Reported
Basic Warranty Original warranty estimated to have expired.	**Warranty Expired**	**Warranty Expired**

CARFAX Detailed History

Glossary

Owner 1

Purchased:	2010
Type:	Personal
Where:	Michigan
Est. miles/year:	11,387/yr
Est. length owned:	10/15/10 - 6/12/13 (2 yrs, 7 mo.)

Low mileage! This owner drove less than the industry average of 15,000 miles per year.



Date:	Mileage:	Source:	Comments:
Original Equipment		OnStar	Vehicle equipped with OnStar Get 3 free months of premium OnStar with Automatic Crash Response, Roadside Assistance and Remote Door Unlock by pressing the blue OnStar button Learn more
10/13/2010	5	Burt Watson Chevrolet Freeland, MI 866-507-2637 burtwatson.com	Pre-delivery inspection completed Fabric protection applied Fluids checked
10/13/2010		Burt Watson Chevrolet Freeland, MI 866-507-2637 burtwatson.com	Vehicle sold
10/15/2010	426	Michigan Motor Vehicle Dept. Hemlock, MI Title # [redacted]	Title or registration issued First owner reported Titled or registered as personal vehicle
03/31/2011	5,075	Burt Watson Chevrolet Freeland, MI 866-507-2637 burtwatson.com	Oil and filter changed
07/15/2011	7,696	Burt Watson Chevrolet Freeland, MI 866-507-2637 burtwatson.com	Vehicle serviced
08/05/2011		Michigan Motor Vehicle Dept. Hemlock, MI	Registration issued or renewed
01/26/2012	15,608	Garber Chevrolet Midland, MI 989-839-9944 garberchevrolet.com	Recommended maintenance performed
06/22/2012	20,159	Burt Watson Chevrolet Freeland, MI 866-507-2637 burtwatson.com	Maintenance inspection completed Oil and filter changed
07/20/2012	22,610	Michigan Motor Vehicle Dept. Hemlock, MI Title # [redacted]	Title issued or updated
04/11/2013	29,135	Burt Watson Chevrolet Freeland, MI 866-507-2637 burtwatson.com	Vehicle serviced
05/06/2013		Michigan Motor Vehicle Dept. Hemlock, MI Title # [redacted]	Title issued or updated Correction to record
06/12/2013	30,293	Rick Ford Sales Hemlock, MI 989-642-5261 rickfordsales.com	Vehicle offered for sale
06/19/2013		Rick Ford Sales Hemlock, MI 989-642-5261 rickfordsales.com	Maintenance inspection completed Oil and filter changed Wiper(s) replaced
04/09/2014	30,499	Auto Auction Michigan	Vehicle sold at auction



Millions of used vehicles are bought and sold at auction every year.

04/10/2014		Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Vehicle offered for sale
04/18/2014	30,625	Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Oil and filter changed Tire(s) replaced Vehicle washed/detailed
04/24/2014	30,644	Michigan Motor Vehicle Dept. Rockford, MI Title # [redacted]	Dealer took title of this vehicle while it was in inventory Title or registration issued
04/28/2014		Chevrolet Certified Dealer Grand Rapids, MI	Sold as a Chevrolet Certified Pre-owned Vehicle
05/17/2014	32,049	Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Trim repaired
06/28/2014	35,453	Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Maintenance inspection completed Tires rotated
09/06/2014	40,355	Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Maintenance inspection completed

Owner 2

Purchased:	2014
Type:	Personal
Where:	Michigan
Est. miles/year:	23,420/yr
Est. length owned:	9/30/14 - present (4 years)

Date:	Mileage:	Source:	Comments:
09/30/2014		Michigan Motor Vehicle Dept. Rockford, MI Title # [redacted]	Title issued or updated Registration issued or renewed Correction to record New owner reported
11/15/2014	45,116	Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Maintenance inspection completed
01/12/2015	47,835	Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Maintenance inspection completed Window motor(s) replaced Wiper(s) replaced Transmission computer/module replaced
02/28/2015	50,030	Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Maintenance inspection completed
04/15/2015		Michigan Motor Vehicle Dept. Rockford, MI	Registration issued or renewed
05/16/2015	54,607	Berger Chevrolet Grand Rapids, MI 616-949-5200 bergerchevy.com	Maintenance inspection completed Air filter replaced
08/05/2015	59,665	Valvoline Instant Oil Change Kentwood, MI 616-531-7640 vioc.com	Oil and filter changed Cabin air filter replaced/cleaned
10/10/2015		Michigan Motor Vehicle Dept. Rockford, MI	Registration issued or renewed
10/16/2015	64,569	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed
01/11/2016	69,466	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed

04/05/2016	74,428	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed
06/04/2016	79,404	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed
08/08/2016	84,455	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed Air filter replaced
10/14/2016		Michigan Motor Vehicle Dept. Rockford, MI	Registration issued or renewed
10/21/2016	89,467	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed
03/18/2017	99,532	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed
05/30/2017	104,887	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Tires rotated Oil and filter changed
08/18/2017	109,867	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed Air filter replaced
10/09/2017	113,324	Heritage Service Centre Grand Rapids, MI 616-454-8104 heritageservicecentre.com/	Transmission fluid changed Spark plug(s) replaced
10/11/2017		Michigan Motor Vehicle Dept. Rockford, MI	Registration issued or renewed
11/02/2017	114,858	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed Tires rotated
02/02/2018	119,841	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed
04/30/2018	125,112	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed
04/30/2018		Heritage Service Centre Grand Rapids, MI 616-454-8104 heritageservicecentre.com/	Vehicle serviced
06/05/2018	127,858	Kool Chevrolet Grand Rapids, MI 616-364-9431 koolchev.com	Rear brakes replaced
07/09/2018	130,586	Valvoline Instant Oil Change Grand Rapids, MI 616-774-9300 vioc.com	Oil and filter changed

10/01/2018	Michigan Damage Report	Accident reported Involving right front impact Vehicle functional

Have Questions? Consumers, please visit our Help Center at www.carfax.com. Dealers or Subscribers, please visit our Help Center at www.carfaxonline.com.

CARFAX Glossary

View Full Glossary

Accident Indicator
CARFAX receives information about accidents in all 50 states, the District of Columbia and Canada.

Not every accident is reported to CARFAX. As details about the accident become available, those additional details are added to the CARFAX Vehicle History Report. CARFAX recommends that you have this vehicle inspected by a qualified mechanic.

- According to the National Safety Council, Injury Facts, 2015 edition, 8% of the 254 million registered vehicles in the U.S. were involved in an accident in 2013. Over 74% of these were considered minor or moderate.
- This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 10/16/18 at 8:21:28 AM (CDT). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

Michigan Damage Reports:

- Provide an estimate of the extent of damage in its accident reports for the following:
  - SEVERE/TOTALED: The vehicle cannot be driven from the accident scene due to severe damage or an injury. This level of damage often results in a Salvage or Junk title.
  - MODERATE: The accident damage affects the operation of the vehicle and/or its parts. Examples include broken windows, trunk lids, doors, bumpers and tires.
  - MINOR: The accident damage does not affect the operation of the vehicle. Examples include dented bumpers, fenders, grills and body panels. This level of accident should not compromise vehicle safety.
  - NO DAMAGE: The vehicle was not damaged.
- Are required if the estimated damage exceeds $400

First Owner
When the first owner(s) obtains a title from a Department of Motor Vehicles as proof of ownership.

New Owner Reported
When a vehicle is sold to a new owner, the Title must be transferred to the new owner(s) at a Department of Motor Vehicles.

Ownership History
CARFAX defines an owner as an individual or business that possesses and uses a vehicle. Not all title transactions represent changes in ownership. To provide estimated number of owners, CARFAX proprietary technology analyzes all the events in a vehicle history. Estimated ownership is available for vehicles manufactured after 1991 and titled solely in the US including Puerto Rico. Dealers sometimes opt to take ownership of a vehicle and are required to in the following states: Maine, Massachusetts, New Jersey, Ohio, Oklahoma, Pennsylvania and South Dakota. Please consider this as you review a vehicle's estimated ownership history.

Title Issued
A state issues a title to provide a vehicle owner with proof of ownership. Each title has a unique number. Each title or registration record on a CARFAX report does not necessarily indicate a change in ownership. In Canada, a registration and bill of sale are used as proof of ownership.

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Covered by United States Patent Nos. 7,113,853; 7,778,841; 7,596,512, 8,600,823; 8,595,079; 8,606,648; 7,505,838.
10/16/18 8:21:28 AM (CDT)

CDR File Information

User Entered VIN	2CNFLFE58B[redacted]
[redacted]	[redacted]
Case Number	
EDR Data Imaging Date	11/01/2018
Crash Date	10/01/2018
Filename	[redacted]-2CNFLFE58B[redacted] ACM.CDRX
Saved on	Thursday, November 1 2018 at 14:35:57
Imaged with CDR version	Crash Data Retrieval Tool 17.8.1
Imaged with Software Licensed to (Company Name)	ESIS - General Motors
Reported with CDR version	Crash Data Retrieval Tool 17.8.1
Reported with Software Licensed to (Company Name)	ESIS - General Motors
EDR Device Type	Airbag Control Module
Event(s) recovered	NONE

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

-Pretensioner(s) only Deployment
-Head Rest Deployment
-Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.

Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events.

The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment Events, the SDM will record 220 milliseconds of data after the Deployment criteria is met and up to 70 milliseconds before the Deployment criteria is met. For Non-Deployment Events, the SDM will record the first 300 milliseconds of data after algorithm enable.

For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Non-Deployment (Non-rollover) Events, the SDM will record 750 milliseconds of data before a calibrated angle threshold is reached. For Deployment Events, the SDM will record up to 490 milliseconds of data before the Deployment criteria is met and 250 milliseconds after the Deployment criteria is met.

-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.

-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start

of the next event if both events occur within the same ignition cycle.
-The CDR tool displays time from Algorithm Enable (AE) to time of Deployment command in a Deployment event and AE to time of maximum SDM recorded vehicle velocity change in a Non-Deployment event. Time from AE begins when the first air bag system enable threshold is met and ends when Deployment command criteria is met or at maximum SDM recorded vehicle velocity change. Any air bag systems may be a source of an enable.
-Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocity Change is captured when the largest, absolute value of either the Longitudinal or Lateral Recorded Vehicle Velocity Change occurs. The Maximum may occur between the recorded 10 millisecond sample points.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
    -Significant changes in the tire's rolling radius
    -Final drive axle ratio changes
    -Wheel lockup and wheel slip
-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before AE. That is to say, the last data point may have been captured just before AE but no more than 0.5 second before AE. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
    -The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
    -No data is received from the module sending the pre-crash data
-For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-Deployments, or Rollover events) that have occurred during the SDM's lifetime.
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment calibration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
-Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously may be reported higher than Ignition Cycles At Event because the Ignition Cycles SIR Warning Lamp was ON/OFF counter is not cleared during the vehicle build process.
-Ignition Cycles At Event may be reported higher than Ignition Cycles At Investigation by one ignition cycle. This is due to the way Ignition Cycles At Investigation is written during a vehicle power loss situation.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:
All SDM recorded data is measured, calculated, and stored internally, except for the following:
-Vehicle Status Data (Pre-Crash) is transmitted to the SDM, by Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Velocity Change	Forward

Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01038_SDM10&SDM10i-autoliv_r021

Event Data General (part one)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DPID $32 Bytes 2-3	$328D	Ignition Cycles at Investigation	12941	counts
DID $01 Bytes 0-1	$4155	ESS # 1 Traceability Data, Component Identifier	AU	
DID $01 Bytes 2-5	$32353737	ESS # 1 Traceability Data, Part Number/Broadcast Code	2577	
DID $01 Byte 6	$45	ESS # 1 Traceability Data, Supplier Code	E	
DID $01 Bytes 7-15	$303132454144394337	ESS # 1 Traceability Data, Traceability Number	012EAD9C7	
DID $03 Bytes 0-1	$4441	ESS # 2 Traceability Data, Component Identifier	DA	
DID $03 Bytes 2-5	$32353737	ESS # 2 Traceability Data, Part Number/Broadcast Code	2577	
DID $03 Byte 6	$45	ESS # 2 Traceability Data, Supplier Code	E	
DID $03 Bytes 7-15	$303132454136334341	ESS # 2 Traceability Data, Traceability Number	012EA63CA	
DID $05 Bytes 0-1	$4148	ESS # 3 Traceability Data, Component Identifier	AH	
DID $05 Bytes 2-5	$32353737	ESS # 3 Traceability Data, Part Number/Broadcast Code	2577	
DID $05 Byte 6	$45	ESS # 3 Traceability Data, Supplier Code	E	
DID $05 Bytes 7-15	$303132454139314545	ESS # 3 Traceability Data, Traceability Number	012EA91EE	
DID $07 Bytes 0-1	$414A	ESS # 4 Traceability Data, Component Identifier	AJ	
DID $07 Bytes 2-5	$32353737	ESS # 4 Traceability Data, Part Number/Broadcast Code	2577	
DID $07 Byte 6	$45	ESS # 4 Traceability Data, Supplier Code	E	
DID $07 Bytes 7-15	$303132453338373631	ESS # 4 Traceability Data, Traceability Number	012E38761	
DID $09 Bytes 0-1	$4154	ESS # 5 Traceability Data, Component Identifier	AT	
DID $09 Bytes 2-5	$32353737	ESS # 5 Traceability Data, Part Number/Broadcast Code	2577	
DID $09 Byte 6	$45	ESS # 5 Traceability Data, Supplier Code	E	
DID $09 Bytes 7-15	$303132453631423438	ESS # 5 Traceability Data, Traceability Number	012E61B48	
DID $0B Bytes 0-1	$4442	ESS # 6 Traceability Data, Component Identifier	DB	
DID $0B Bytes 2-5	$32353737	ESS # 6 Traceability Data, Part Number/Broadcast Code	2577	
DID $0B Byte 6	$45	ESS # 6 Traceability Data, Supplier Code	E	
DID $0B Bytes 7-15	$303132454237313041	ESS # 6 Traceability Data, Traceability Number	012EB710A	
DID $0D Bytes 0-1	$3030	ESS # 7 Traceability Data, Component Identifier	00	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $0D Bytes 2-5	$30303030	ESS # 7 Traceability Data, Part Number/Broadcast Code	0000	
DID $0D Byte 6	$45	ESS # 7 Traceability Data, Supplier Code	E	
DID $0D Bytes 7-15	$303030303030303030	ESS # 7 Traceability Data, Traceability Number	000000000	
DID $0F Bytes 0-1	$3030	ESS # 8 Traceability Data, Component Identifier	00	
DID $0F Bytes 2-5	$30303030	ESS # 8 Traceability Data, Part Number/Broadcast Code	0000	
DID $0F Byte 6	$45	ESS # 8 Traceability Data, Supplier Code	E	
DID $0F Bytes 7-15	$303030303030303030	ESS # 8 Traceability Data, Traceability Number	000000000	
DID $30 Byte 0	$00	Dynamic Deployment Event Counter	0	counts
DID $30 Bytes 1-2	$0000	Dynamic Event Counter	0	counts
DID $30 Byte 3	$00	Dynamic OnStar Notification Event Counter	0	counts

Event Data General (part two)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID $90 Byte 0	$32	Vehicle Identification Number (VIN) Digit 1	2	
DID $90 Byte 1	$43	Vehicle Identification Number (VIN) Digit 2	C	
DID $90 Byte 2	$4E	Vehicle Identification Number (VIN) Digit 3	N	
DID $90 Byte 3	$46	Vehicle Identification Number (VIN) Digit 4	F	
DID $90 Byte 4	$4C	Vehicle Identification Number (VIN) Digit 5	L	
DID $90 Byte 5	$46	Vehicle Identification Number (VIN) Digit 6	F	
DID $90 Byte 6	$45	Vehicle Identification Number (VIN) Digit 7	E	
DID $90 Byte 7	$35	Vehicle Identification Number (VIN) Digit 8	5	
DID $90 Byte 8	$38	Vehicle Identification Number (VIN) Digit 9	8	
DID $90 Byte 9	$42	Vehicle Identification Number (VIN) Digit 10	B	
DID $90 Byte 10	$36	Vehicle Identification Number (VIN) Digit 11	6	
DID $90 Byte 11	$32	Vehicle Identification Number (VIN) Digit 12	[redacted]	
DID $90 Byte12	$35	Vehicle Identification Number (VIN) Digit 13		
DID $90 Byte 13	$30	Vehicle Identification Number (VIN) Digit 14		
DID $90 Byte 14	$34	Vehicle Identification Number (VIN) Digit 15		
DID $90 Byte 15	$38	Vehicle Identification Number (VIN) Digit 16		
DID $90 Byte 16	$36	Vehicle Identification Number (VIN) Digit 17		
DID $9A Bytes 0-1	$0401	System Type	V	
DID $B4 Bytes 0-1	$4153	Manufacturing Traceability Data, Component Identifier	AS	
DID $B4 Bytes 2-5	$34383933	Manufacturing Traceability Data, Part Number/Broadcast Code	4893	
DID $B4 Byte 6	$45	ManufacturingTraceability Data, Supplier Code	E	
DID $B4 Bytes 7-15	$3035303138303 23133	Manufacturing Traceability Data, Traceability Number	050180213	
DID $C1 Bytes 0-3	$00CF22EB	Software Module Identifier 1	00CF22EB	
DID $C2 Bytes 0-3	$0140467E	Software Module Identifier 2	0140467E	
DID $C3 Bytes 0-3	$0189ECCF	Software Module Identifier 3	0189ECCF	
DID $CB Bytes 0-3	$00CF22ED	End Model Part Number	00CF22ED	

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are access ble using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	2CNFLFE58B6[redacted]
User	[redacted]
Case Number	[redacted]
EDR Data Imaging Date	11/01/2018
Crash Date	10/01/2018
Filename	[redacted]-2CNFLFE58B6[redacted]_ACM.CDRX
Saved on	Thursday, November 1 2018 at 14:35:57
Imaged with CDR version	Crash Data Retrieval Tool 17.8.1
Imaged with Software Licensed to (Company Name)	ESIS - General Motors
Reported with CDR version	Crash Data Retrieval Tool 17.8.1
Reported with Software Licensed to (Company Name)	ESIS - General Motors
EDR Device Type	Airbag Control Module
Event(s) recovered	NONE

Comments

Location: owner's emploment Nye's Uniform 1030 Scribner Grand Rapids
Connected through DLC
Powered with vehicle's own battery
odometer 135,980
SIR Lamp comes on remains off at ignition

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

-Pretensioner(s) only Deployment
-Head Rest Deployment
-Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.
Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events. The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment Events, the SDM will record 220 milliseconds of data after the Deployment criteria is met and up to 70 milliseconds before the Deployment criteria is met. For Non-Deployment Events, the SDM will record the first 300 milliseconds of data after algorithm enable.
For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Non-Deployment (Non-rollover) Events, the SDM will record 750 milliseconds of data before a calibrated angle threshold is reached. For Deployment Events, the SDM will record up to 490 milliseconds of data before the Deployment criteria is met and 250 milliseconds after the Deployment criteria is met.
-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.
-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.

-The CDR tool displays time from Algorithm Enable (AE) to time of Deployment command in a Deployment event and AE to time of maximum SDM recorded vehicle velocity change in a Non-Deployment event. Time from AE begins when the first air bag system enable threshold is met and ends when Deployment command criteria is met or at maximum SDM recorded vehicle velocity change. Any air bag systems may be a source of an enable.
-Time From Algorithm Enable to Maximum SDM Recorded Vehicle Velocity Change is captured when the largest, absolute value of either the Longitudinal or Lateral Recorded Vehicle Velocity Change occurs. The Maximum may occur between the recorded 10 millisecond sample points.
-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
-SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
    -Significant changes in the tire's rolling radius
    -Final drive axle ratio changes
    -Wheel lockup and wheel slip
-Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
-Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before AE. That is to say, the last data point may have been captured just before AE but no more than 0.5 second before AE. All subsequent Pre-crash data values are referenced from this data point.
-Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
    -The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
-Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
    -No data is received from the module sending the pre-crash data
-For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
-Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
-The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
-Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
-Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
-Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-Deployments, or Rollover events) that have occurred during the SDM's lifetime.
-For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
-Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop deployment times for subsequent deployment type events, during the same ignition cycle, will not be recorded. Also, forced timer loops, will not be shown as being commanded to deploy. Loops without their own independent deployment cal bration are called "forced timer loops." Examples of a forced timer loops are Pretensioner Deployment Loop #2 and Knee Deployment Loop.
-Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously may be reported higher than Ignition Cycles At Event because the Ignition Cycles SIR Warning Lamp was ON/OFF counter is not cleared during the vehicle build process.
-Ignition Cycles At Event may be reported higher than Ignition Cycles At Investigation by one ignition cycle. This is due to the way Ignition Cycles At Investigation is written during a vehicle power loss situation.
-The reported range of the longitudinal and lateral acceleration values is approximately ± 50 g.
-All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:
All SDM recorded data is measured, calculated, and stored internally, except for the following:
-Vehicle Status Data (Pre-Crash) is transmitted to the SDM, by Body Control Module, via the vehicle's communication network.
-The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:
The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:
Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01038_SDM10&SDM10i-autoliv_r021

Event Data (General)

Ignition Cycles At Investigation	12941
ESS # 1 Traceability Data	AU2577E012EAD9C7
ESS # 2 Traceability Data	DA2577E012EA63CA
ESS # 3 Traceability Data	AH2577E012EA91EE
ESS # 4 Traceability Data	AJ2577E012E38761
ESS # 5 Traceability Data	AT2577E012E61B48
ESS # 6 Traceability Data	DB2577E012EB710A
ESS # 7 Traceability Data	000000E000000000
ESS # 8 Traceability Data	000000E000000000
Dynamic Deployment Event Counter	0
Dynamic Event Counter	0
Dynamic OnStar Notification Event Counter	0
Vehicle Identification Number	2CNFLFE58B6[redacted]
System Type	Autoliv
Manufacturing Traceability Data	AS4893E050180213
Software Module Identifier 1	00CF22EB
Software Module Identifier 2	0140467E
Software Module Identifier 3	0189ECCF
End Model Part Number	00CF22ED

Hexadecimal Data

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DPID $11
FF F0 00 FC C0 7C 00

DPID $15
01 02 03 04 05 06 07

DPID $16
08 09 0A 0D 0E 00 00

DPID $17
00 00 00 00 00 00 00

DPID $32
FF FD 32 8D 00 00 00

DPID $35
78 00 00 00 00 00 00

DID $01
41 55 32 35 37 37 45 30 31 32 45 41 44 39 43 37

DID $03
44 41 32 35 37 37 45 30 31 32 45 41 36 33 43 41

DID $05
41 48 32 35 37 37 45 30 31 32 45 41 39 31 45 45

DID $07
41 4A 32 35 37 37 45 30 31 32 45 33 38 37 36 31

DID $09
41 54 32 35 37 37 45 30 31 32 45 36 31 42 34 38

DID $0B
44 42 32 35 37 37 45 30 31 32 45 42 37 31 30 41

DID $0D
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID $0F
30 30 30 30 30 30 45 30 30 30 30 30 30 30 30 30

DID $30
00 00 00 00

DID $90
32 43 4E 46 4C 46 45 35 38 42 36 32 35 30 34 38 36

DID $9A
04 01

DID $B4
41 53 34 38 39 33 45 30 35 30 31 38 30 32 31 33

DID $C1
00 CF 22 EB

DID $C2
01 40 46 7E

DID $C3
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01 89 EC CF

DID $CB
00 CF 22 ED

DID $31

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 0000   FF FF FF FF FF FF FF FF FF FF
 0010   FF FF FF FF FF FF FF FF FF FF
 0020   FF FF FF FF FF FF FF FF FF FF
 0030   FF FF FF FF FF FF FF FF FF FF
 0040   FF FF FF FF FF FF FF FF FF FF
 0050   FF FF FF FF FF FF FF FF FF FF
 0060   FF FF FF FF FF FF FF FF FF FF
 0070   FF FF FF FF FF FF FF FF FF FF
 0080   FF FF FF FF FF FF FF FF FF FF
 0090   FF FF FF FF FF FF FF FF FF FF
 0100   FF FF FF FF FF FF FF FF FF FF
 0110   FF FF FF FF FF FF FF FF FF FF
 0120   FF FF FF FF FF FF FF FF FF FF
 0130   FF FF FF FF FF FF FF FF FF FF
 0140   FF FF FF FF FF FF FF FF FF FF
 0150   FF FF FF FF FF FF FF FF FF FF
 0160   FF FF FF FF FF FF FF FF FF FF
 0170   FF FF FF FF FF FF FF FF FF FF
 0180   FF FF FF FF FF FF FF FF FF FF
 0190   FF FF FF FF FF FF FF FF FF FF
 0200   FF FF FF FF FF FF FF FF FF FF
 0210   FF FF FF FF FF FF FF FF FF FF
 0220   FF FF FF FF FF FF FF FF FF FF
 0230   FF FF FF FF FF FF FF FF FF FF
 0240   FF FF FF FF FF FF FF FF FF FF
 0250   FF FF FF FF FF FF FF FF FF FF
 0260   FF FF FF FF FF FF FF FF FF FF
 0270   FF FF FF FF FF FF FF FF FF FF
 0280   FF FF FF FF FF FF FF FF FF FF
 0290   FF FF FF FF FF FF FF FF FF FF
 0300   FF FF FF FF FF FF FF FF FF FF
 0310   FF FF FF FF FF FF FF FF FF FF
 0320   FF FF FF FF FF FF FF FF FF FF
 0330   FF FF FF FF FF FF FF FF FF FF
 0340   FF FF FF FF FF FF FF FF FF FF
 0350   FF FF FF FF FF FF FF FF FF FF
 0360   FF FF FF FF FF FF FF FF FF FF
 0370   FF FF FF FF FF FF FF FF FF FF
 0380   FF FF FF FF FF FF FF FF FF FF
 0390   FF FF FF FF FF FF FF FF FF FF
 0400   FF FF FF FF FF FF FF FF FF FF
 0410   FF FF FF FF FF FF FF FF FF FF
 0420   FF FF FF FF FF FF FF FF FF FF
 0430   FF FF FF FF FF FF FF FF FF FF
 0440   FF FF FF FF FF FF FF FF FF FF
 0450   FF FF FF FF FF FF FF FF FF FF
 0460   FF FF FF FF FF FF FF FF FF FF
 0470   FF FF FF FF FF FF FF FF FF FF
 0480   FF FF FF FF FF FF FF FF FF FF
 0490   FF FF FF FF FF FF FF FF FF FF
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DID $32

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 0000   FF FF FF FF FF FF FF FF FF FF
 0010   FF FF FF FF FF FF FF FF FF FF
 0020   FF FF FF FF FF FF FF FF FF FF
 0030   FF FF FF FF FF FF FF FF FF FF
 0040   FF FF FF FF FF FF FF FF FF FF
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 0050   FF FF FF FF FF FF FF FF FF FF
 0060   FF FF FF FF FF FF FF FF FF FF
 0070   FF FF FF FF FF FF FF FF FF FF
 0080   FF FF FF FF FF FF FF FF FF FF
 0090   FF FF FF FF FF FF FF FF FF FF
 0100   FF FF FF FF FF FF FF FF FF FF
 0110   FF FF FF FF FF FF FF FF FF FF
 0120   FF FF FF FF FF FF FF FF FF FF
 0130   FF FF FF FF FF FF FF FF FF FF
 0140   FF FF FF FF FF FF FF FF FF FF
 0150   FF FF FF FF FF FF FF FF FF FF
 0160   FF FF FF FF FF FF FF FF FF FF
 0170   FF FF FF FF FF FF FF FF FF FF
 0180   FF FF FF FF FF FF FF FF FF FF
 0190   FF FF FF FF FF FF FF FF FF FF
 0200   FF FF FF FF FF FF FF FF FF FF
 0210   FF FF FF FF FF FF FF FF FF FF
 0220   FF FF FF FF FF FF FF FF FF FF
 0230   FF FF FF FF FF FF FF FF FF FF
 0240   FF FF FF FF FF FF FF FF FF FF
 0250   FF FF FF FF FF FF FF FF FF FF
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 0270   FF FF FF FF FF FF FF FF FF FF
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 0290   FF FF FF FF FF FF FF FF FF FF
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 0320   FF FF FF FF FF FF FF FF FF FF
 0330   FF FF FF FF FF FF FF FF FF FF
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 0350   FF FF FF FF FF FF FF FF FF FF
 0360   FF FF FF FF FF FF FF FF FF FF
 0370   FF FF FF FF FF FF FF FF FF FF
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 0420   FF FF FF FF FF FF FF FF FF FF
 0430   FF FF FF FF FF FF FF FF FF FF
 0440   FF FF FF FF FF FF FF FF FF FF
 0450   FF FF FF FF FF FF FF FF FF FF
 0460   FF FF FF FF FF FF FF FF FF FF
 0470   FF FF FF FF FF FF FF FF FF FF
 0480   FF FF FF FF FF FF FF FF FF FF
 0490   FF FF FF FF FF FF FF FF FF FF

DID $33

 0000   FF FF FF FF FF FF FF FF FF FF
 0010   FF FF FF FF FF FF FF FF FF FF
 0020   FF FF FF FF FF FF FF FF FF FF
 0030   FF FF FF FF FF FF FF FF FF FF
 0040   FF FF FF FF FF FF FF FF FF FF
 0050   FF FF FF FF FF FF FF FF FF FF
 0060   FF FF FF FF FF FF FF FF FF FF
 0070   FF FF FF FF FF FF FF FF FF FF
 0080   FF FF FF FF FF FF FF FF FF FF
 0090   FF FF FF FF FF FF FF FF FF FF
 0100   FF FF FF FF FF FF FF FF FF FF
 0110   FF FF FF FF FF FF FF FF FF FF
 0120   FF FF FF FF FF FF FF FF FF FF
 0130   FF FF FF FF FF FF FF FF FF FF
 0140   FF FF FF FF FF FF FF FF FF FF
 0150   FF FF FF FF FF FF FF FF FF FF
 0160   FF FF FF FF FF FF FF FF FF FF
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0170   FF FF FF FF FF FF FF FF FF FF
0180   FF FF FF FF FF FF FF FF FF FF
0190   FF FF FF FF FF FF FF FF FF FF
0200   FF FF FF FF FF FF FF FF FF FF
0210   FF FF FF FF FF FF FF FF FF FF
0220   FF FF FF FF FF FF FF FF FF FF
0230   FF FF FF FF FF FF FF FF FF FF
0240   FF FF FF FF FF FF FF FF FF FF
0250   FF FF FF FF FF FF FF FF FF FF
0260   FF FF FF FF FF FF FF FF FF FF
0270   FF FF FF FF FF FF FF FF FF FF
0280   FF FF FF FF FF FF FF FF FF FF
0290   FF FF FF FF FF FF FF FF FF FF
0300   FF FF FF FF FF FF FF FF FF FF
0310   FF FF FF FF FF FF FF FF FF FF
0320   FF FF FF FF FF FF FF FF FF FF
0330   FF FF FF FF FF FF FF FF FF FF
0340   FF FF FF FF FF FF FF FF FF FF
0350   FF FF FF FF FF FF FF FF FF FF
0360   FF FF FF FF FF FF FF FF FF FF
0370   FF FF FF FF FF FF FF FF FF FF
0380   FF FF FF FF FF FF FF FF FF FF
0390   FF FF FF FF FF FF FF FF FF FF
0400   FF FF FF FF FF FF FF FF FF FF
0410   FF FF FF FF FF FF FF FF FF FF
0420   FF FF FF FF FF FF FF FF FF FF
0430   FF FF FF FF FF FF FF FF FF FF
0440   FF FF FF FF FF FF FF FF FF FF
0450   FF FF FF FF FF FF FF FF FF FF
0460   FF FF FF FF FF FF FF FF FF FF
0470   FF FF FF FF FF FF FF FF FF FF
0480   FF FF FF FF FF FF FF FF FF FF
0490   FF FF FF FF FF FF FF FF FF FF
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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.

Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Report Creation Date	2018-11-01 14:51:51 EDT

Vehicle Configuration Property

Make	Chevrolet
Model	Equinox
Model Year	2011
Engine Identifier	3.0L (LFW)

System Information Property

VCI Serial Number	MDI: [redacted]
Vehicle Session Creation Date	2018-11-01 14:46:45
Test Start Time	2018-11-01 14:51:39 EDT

Control Module Name	Control Module Status	DTC Count	DLC Pin
Engine Control Module	DTCs Stored	3	6,14

Control Module	DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
Engine Control Module	P0113	00	Intake Air Temperature (IAT) Sensor Circuit High Voltage	- - -	Passed and Failed	
					This Ignition Cycle	Passed
					Last Test	Passed
					Since DTC Clear	Passed and Failed
					DTC History Status	Not History

					MIL Status	Not Requested
					Passed and Failed	
					This Ignition Cycle	Passed
					Last Test Passed	
Engine Control Module	P0300	00	Engine Misfire Detected	- - -	Since DTC Clear	Passed and Failed
					DTC History Status	Not History
					MIL Status	Not Requested
					Passed and Failed	
					This Ignition Cycle	Passed
					Last Test Passed	
Engine Control Module	P2228	00	Barometric Pressure (BARO) Sensor Circuit Low Voltage	- - -	Since DTC Clear	Passed and Failed
					DTC History Status	Not History
					MIL Status	Not Requested

Global Diagnostic System 2

Freeze Frame/Failure Records.

Overview

Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Report Creation Date	2018-11-01 14:52:55 EDT

Vehicle Configuration Property

Make	Chevrolet
Model	Equinox
Model Year	2011
Engine Identifier	3.0L (LFW)

System Information Property

VCI Serial Number	MDI: [redacted]
Vehicle Session Creation Date	2018-11-01 14:46:45
Test Start Time	2018-11-01 14:52:47 EDT

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
Failure Record 1	P2228	00	Barometric Pressure (BARO) Sensor Circuit Low Voltage	- - -

Parameter Name	Control Module	Value	Unit
Distance Since First Malfunction	Engine Control Module	90120	km
Distance Since Last Malfunction	Engine Control Module	90120	km
Ignition Cycles with Malfunction Since 1st Malfunction	Engine Control Module	2	Counts
Ignition Cycles without Malfunction Since Last Malfunction	Engine Control Module	77	Counts
Ignition Cycles without Completed Test Since 1st Malfunction	Engine Control Module	0	Counts

Warm-Ups Since DTC Cleared	Engine Control Module	255	Counts
Distance Since DTC Cleared	Engine Control Module	65535	km
Engine Speed	Engine Control Module	0	RPM
Desired Idle Speed	Engine Control Module	1296	RPM
ECT Sensor	Engine Control Module	30	°C
IAT Sensor	Engine Control Module	-40	°C
Ambient Air Temperature	Engine Control Module	13	°C
Start-Up ECT	Engine Control Module	0	°C
Start-Up IAT	Engine Control Module	0	°C
Cold Start-Up	Engine Control Module	No	
MAF Sensor	Engine Control Module	0.00	g/s
Engine Load	Engine Control Module	0.0	%
APP Sensors	Engine Control Module	0	%
Accelerator Pedal Position	Engine Control Module	0	%
Desired Throttle Position	Engine Control Module	27	%
Throttle Position	Engine Control Module	28	%
MAP Sensor	Engine Control Module	99.0	kPa
BARO	Engine Control Module	0.0	kPa
5V Reference 1	Engine Control Module	5.01	V
5V Reference 2	Engine Control Module	5.01	V
5V Reference 3	Engine Control Module	5.01	V
5V Reference 4	Engine Control Module	5.01	V

5V Reference 1 Circuit Status	Engine Control Module	OK	
5V Reference 2 Circuit Status	Engine Control Module	OK	
5V Reference 3 Circuit Status	Engine Control Module	OK	
5V Reference 4 Circuit Status	Engine Control Module	OK	
Fuel Control Loop Status	Engine Control Module	Open	
Fuel Enrichment - Hot Coolant	Engine Control Module	Inactive	
Fuel Enrichment - Hot Catalyst	Engine Control Module	No	
HO2S Bank 1 Sensor 1	Engine Control Module	1.92	V
HO2S Bank 1 Sensor 2	Engine Control Module	1.92	V
HO2S Bank 2 Sensor 1	Engine Control Module	1.92	V
HO2S Bank 2 Sensor 2	Engine Control Module	1.92	V
Short Term Fuel Trim Bank 1	Engine Control Module	-100	%
Short Term Fuel Trim Bank 2	Engine Control Module	-100	%
Long Term Fuel Trim Bank 1	Engine Control Module	0	%
Long Term Fuel Trim Bank 2	Engine Control Module	0	%
Fuel Trim Learn	Engine Control Module	Disabled	
Fuel Trim Memory Cell	Engine Control Module	14	
Air/Fuel Equivalence Ratio Command	Engine Control Module	0.00	
Injector Duty Cycle Bank 1	Engine Control Module	0.00	ms
Injector Duty Cycle Bank 2	Engine Control Module	0.00	ms
HO2S Heater Control Circuit Low Voltage Test Status Bank 1 Sensor 1	Engine Control Module	Malfunction	
HO2S Heater Control Circuit Open Test Status Bank 1 Sensor 1	Engine Control Module	OK	

HO2S Heater Control Circuit High Voltage Test Status Bank 1 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit Low Voltage Test Status Bank 1 Sensor 2	Engine Control Module	Malfunction	
HO2S Heater Control Circuit Open Test Status Bank 1 Sensor 2	Engine Control Module	Not Run	
HO2S Heater Control Circuit High Voltage Test Status Bank 1 Sensor 2	Engine Control Module	Not Run	
HO2S Heater Control Circuit Low Voltage Test Status Bank 2 Sensor 1	Engine Control Module	Malfunction	
HO2S Heater Control Circuit Open Test Status Bank 2 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit High Voltage Test Status Bank 2 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit Low Voltage Test Status Bank 2 Sensor 2	Engine Control Module	Malfunction	
HO2S Heater Control Circuit Open Test Status Bank 2 Sensor 2	Engine Control Module	Not Run	
HO2S Heater Control Circuit High Voltage Test Status Bank 2 Sensor 2	Engine Control Module	Not Run	
Power Enrichment	Engine Control Module	Inactive	
Deceleration Fuel Cut-Off	Engine Control Module	Inactive	
Fuel Pressure Sensor	Engine Control Module	525	kPa
Fuel Rail Pressure Sensor	Engine Control Module	10.5	MPa
Ignition Timing	Engine Control Module	0.0	°
A/C Request Signal	Engine Control Module	No	
A/C Compressor Clutch Relay Command	Engine Control Module	Off	
A/C Off for WOT	Engine Control Module	No	
A/C Disabled - A/C Pressure Out of Range	Engine Control Module	No	
Total Knock Retard	Engine Control Module	0	°
Cylinder 1 Knock Detected	Engine Control Module	No	
Cylinder 2 Knock Detected	Engine Control Module	No	

Cylinder 3 Knock Detected	Engine Control Module	No	
Cylinder 4 Knock Detected	Engine Control Module	No	
Cylinder 5 Knock Detected	Engine Control Module	No	
Cylinder 6 Knock Detected	Engine Control Module	No	
EVAP Purge Solenoid Valve Command	Engine Control Module	0	%
Fuel Tank Pressure Sensor	Engine Control Module	0.00	in. H2O
Remaining Fuel in Tank	Engine Control Module	39.6	%
Remaining Fuel in Tank	Engine Control Module	28	L
Fuel Volatility	Engine Control Module	Low	
Crankshaft Position Sensor	Engine Control Module	0	RPM
Camshaft Position Sensor	Engine Control Module	0	RPM
Desired Exhaust Camshaft Position Bank 1	Engine Control Module	0	°
Desired Intake Camshaft Position Bank 1	Engine Control Module	0	°
Desired Exhaust Camshaft Position Bank 2	Engine Control Module	0	°
Desired Intake Camshaft Position Bank 2	Engine Control Module	0	°
Exhaust Camshaft Position Bank 1	Engine Control Module	0	°
Intake Camshaft Position Bank 1	Engine Control Module	0	°
Exhaust Camshaft Position Bank 2	Engine Control Module	0	°
Intake Camshaft Position Bank 2	Engine Control Module	0	°
Engine Oil Pressure Switch	Engine Control Module	Low	
Low Engine Oil Pressure Indicator Command	Engine Control Module	Off	
Change Engine Oil Indicator Command	Engine Control Module	Off	

Ignition 1 Signal	Engine Control Module	0.01	V
Ignition Accessory Signal	Engine Control Module	On	
Power Mode	Engine Control Module	Off	
Crank Request Signal	Engine Control Module	No	
Remote Vehicle Start Request Signal	Engine Control Module	Off	
Park/Neutral Position Switch	Engine Control Module	Active	
Brake Pedal Position Circuit Signal	Engine Control Module	Released	
Extended Travel Brake Pedal Position Signal	Engine Control Module	Released	
Brake Pedal Position Sensor Signal	Engine Control Module	Released	
Cruise Control On/Off Switch	Engine Control Module	Off	
Cruise Control	Engine Control Module	Inactive	
Cruise Control Set/Coast Switch	Engine Control Module	Off	
Cruise Control Resume/Accelerate Switch	Engine Control Module	Off	
Cruise Control Cancel Switch	Engine Control Module	Inactive	
Cruise Control Switch	Engine Control Module	Active	
Vehicle Speed Sensor	Engine Control Module	0	km/h
Engine Off Time	Engine Control Module	00:34:58	
Engine Run Time	Engine Control Module	00:00:00	
Torque Delivered Signal	Engine Control Module	-26.00	N·m
Calculated Catalyst Temperature Bank 1	Engine Control Module	202	°C
Calculated Catalyst Temperature Bank 2	Engine Control Module	202	°C

DTC Display	Symptom Byte	DTC Description	Symptom Description

Freeze Frame/Failure Records

Failure Record 2	P0113	00	Intake Air Temperature (IAT) Sensor Circuit High Voltage	- - -

Parameter Name	Control Module	Value	Unit
Distance Since First Malfunction	Engine Control Module	90120	km
Distance Since Last Malfunction	Engine Control Module	90120	km
Ignition Cycles with Malfunction Since 1st Malfunction	Engine Control Module	2	Counts
Ignition Cycles without Malfunction Since Last Malfunction	Engine Control Module	77	Counts
Ignition Cycles without Completed Test Since 1st Malfunction	Engine Control Module	0	Counts
Warm-Ups Since DTC Cleared	Engine Control Module	255	Counts
Distance Since DTC Cleared	Engine Control Module	65535	km
Engine Speed	Engine Control Module	0	RPM
Desired Idle Speed	Engine Control Module	1296	RPM
ECT Sensor	Engine Control Module	30	°C
IAT Sensor	Engine Control Module	-40	°C
Ambient Air Temperature	Engine Control Module	13	°C
Start-Up ECT	Engine Control Module	0	°C
Start-Up IAT	Engine Control Module	0	°C
Cold Start-Up	Engine Control Module	No	
MAF Sensor	Engine Control Module	0.00	g/s
Engine Load	Engine Control Module	0.0	%
APP Sensors	Engine Control Module	0	%
Accelerator Pedal Position	Engine Control Module	0	%

Desired Throttle Position	Engine Control Module	27	%
Throttle Position	Engine Control Module	28	%
MAP Sensor	Engine Control Module	99.0	kPa
BARO	Engine Control Module	0.0	kPa
5V Reference 1	Engine Control Module	5.01	V
5V Reference 2	Engine Control Module	5.01	V
5V Reference 3	Engine Control Module	5.01	V
5V Reference 4	Engine Control Module	5.01	V
5V Reference 1 Circuit Status	Engine Control Module	OK	
5V Reference 2 Circuit Status	Engine Control Module	OK	
5V Reference 3 Circuit Status	Engine Control Module	OK	
5V Reference 4 Circuit Status	Engine Control Module	OK	
Fuel Control Loop Status	Engine Control Module	Open	
Fuel Enrichment - Hot Coolant	Engine Control Module	Inactive	
Fuel Enrichment - Hot Catalyst	Engine Control Module	No	
HO2S Bank 1 Sensor 1	Engine Control Module	1.92	V
HO2S Bank 1 Sensor 2	Engine Control Module	1.92	V
HO2S Bank 2 Sensor 1	Engine Control Module	1.92	V
HO2S Bank 2 Sensor 2	Engine Control Module	1.92	V
Short Term Fuel Trim Bank 1	Engine Control Module	-100	%
Short Term Fuel Trim Bank 2	Engine Control Module	-100	%
Long Term Fuel Trim Bank 1	Engine Control Module	0	%

Long Term Fuel Trim Bank 2	Engine Control Module	0	%
Fuel Trim Learn	Engine Control Module	Disabled	
Fuel Trim Memory Cell	Engine Control Module	14	
Air/Fuel Equivalence Ratio Command	Engine Control Module	0.00	
Injector Duty Cycle Bank 1	Engine Control Module	0.00	ms
Injector Duty Cycle Bank 2	Engine Control Module	0.00	ms
HO2S Heater Control Circuit Low Voltage Test Status Bank 1 Sensor 1	Engine Control Module	Malfunction	
HO2S Heater Control Circuit Open Test Status Bank 1 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit High Voltage Test Status Bank 1 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit Low Voltage Test Status Bank 1 Sensor 2	Engine Control Module	Malfunction	
HO2S Heater Control Circuit Open Test Status Bank 1 Sensor 2	Engine Control Module	Not Run	
HO2S Heater Control Circuit High Voltage Test Status Bank 1 Sensor 2	Engine Control Module	Not Run	
HO2S Heater Control Circuit Low Voltage Test Status Bank 2 Sensor 1	Engine Control Module	Malfunction	
HO2S Heater Control Circuit Open Test Status Bank 2 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit High Voltage Test Status Bank 2 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit Low Voltage Test Status Bank 2 Sensor 2	Engine Control Module	Malfunction	
HO2S Heater Control Circuit Open Test Status Bank 2 Sensor 2	Engine Control Module	Not Run	
HO2S Heater Control Circuit High Voltage Test Status Bank 2 Sensor 2	Engine Control Module	Not Run	
Power Enrichment	Engine Control Module	Inactive	
Deceleration Fuel Cut-Off	Engine Control Module	Inactive	
Fuel Pressure Sensor	Engine Control Module	525	kPa
Fuel Rail Pressure Sensor	Engine Control Module	10.5	MPa

Ignition Timing	Engine Control Module	0.0	°
A/C Request Signal	Engine Control Module	No	
A/C Compressor Clutch Relay Command	Engine Control Module	Off	
A/C Off for WOT	Engine Control Module	No	
A/C Disabled - A/C Pressure Out of Range	Engine Control Module	No	
Total Knock Retard	Engine Control Module	0	°
Cylinder 1 Knock Detected	Engine Control Module	No	
Cylinder 2 Knock Detected	Engine Control Module	No	
Cylinder 3 Knock Detected	Engine Control Module	No	
Cylinder 4 Knock Detected	Engine Control Module	No	
Cylinder 5 Knock Detected	Engine Control Module	No	
Cylinder 6 Knock Detected	Engine Control Module	No	
EVAP Purge Solenoid Valve Command	Engine Control Module	0	%
Fuel Tank Pressure Sensor	Engine Control Module	0.00	in. H2O
Remaining Fuel in Tank	Engine Control Module	39.6	%
Remaining Fuel in Tank	Engine Control Module	28	L
Fuel Volatility	Engine Control Module	Low	
Crankshaft Position Sensor	Engine Control Module	0	RPM
Camshaft Position Sensor	Engine Control Module	0	RPM
Desired Exhaust Camshaft Position Bank 1	Engine Control Module	0	°
Desired Intake Camshaft Position Bank 1	Engine Control Module	0	°
Desired Exhaust Camshaft Position Bank 2	Engine Control Module	0	°

Desired Intake Camshaft Position Bank 2	Engine Control Module	0	°
Exhaust Camshaft Position Bank 1	Engine Control Module	0	°
Intake Camshaft Position Bank 1	Engine Control Module	0	°
Exhaust Camshaft Position Bank 2	Engine Control Module	0	°
Intake Camshaft Position Bank 2	Engine Control Module	0	°
Engine Oil Pressure Switch	Engine Control Module	Low	
Low Engine Oil Pressure Indicator Command	Engine Control Module	Off	
Change Engine Oil Indicator Command	Engine Control Module	Off	
Ignition 1 Signal	Engine Control Module	0.01	V
Ignition Accessory Signal	Engine Control Module	On	
Power Mode	Engine Control Module	Off	
Crank Request Signal	Engine Control Module	No	
Remote Vehicle Start Request Signal	Engine Control Module	Off	
Park/Neutral Position Switch	Engine Control Module	Active	
Brake Pedal Position Circuit Signal	Engine Control Module	Released	
Extended Travel Brake Pedal Position Signal	Engine Control Module	Released	
Brake Pedal Position Sensor Signal	Engine Control Module	Released	
Cruise Control On/Off Switch	Engine Control Module	Off	
Cruise Control	Engine Control Module	Inactive	
Cruise Control Set/Coast Switch	Engine Control Module	Off	
Cruise Control Resume/Accelerate Switch	Engine Control Module	Off	
Cruise Control Cancel Switch	Engine Control Module	Inactive	

Cruise Control Switch	Engine Control Module	Active	
Vehicle Speed Sensor	Engine Control Module	0	km/h
Engine Off Time	Engine Control Module	00:34:57	
Engine Run Time	Engine Control Module	00:00:00	
Torque Delivered Signal	Engine Control Module	-38.75	N·m
Calculated Catalyst Temperature Bank 1	Engine Control Module	162	°C
Calculated Catalyst Temperature Bank 2	Engine Control Module	162	°C

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
Failure Record 3	P0300	00	Engine Misfire Detected	- - -

Parameter Name	Control Module	Value	Unit
Distance Since First Malfunction	Engine Control Module	90120	km
Distance Since Last Malfunction	Engine Control Module	90120	km
Ignition Cycles with Malfunction Since 1st Malfunction	Engine Control Module	2	Counts
Ignition Cycles without Malfunction Since Last Malfunction	Engine Control Module	56	Counts
Ignition Cycles without Completed Test Since 1st Malfunction	Engine Control Module	22	Counts
Warm-Ups Since DTC Cleared	Engine Control Module	255	Counts
Distance Since DTC Cleared	Engine Control Module	65535	km
Engine Speed	Engine Control Module	613	RPM
Desired Idle Speed	Engine Control Module	648	RPM
ECT Sensor	Engine Control Module	46	°C
IAT Sensor	Engine Control Module	22	°C
Ambient Air Temperature	Engine Control Module	19	°C

Start-Up ECT	Engine Control Module	35	°C
Start-Up IAT	Engine Control Module	27	°C
Cold Start-Up	Engine Control Module	No	
MAF Sensor	Engine Control Module	7.46	g/s
Engine Load	Engine Control Module	52.2	%
APP Sensors	Engine Control Module	0	%
Accelerator Pedal Position	Engine Control Module	0	%
Desired Throttle Position	Engine Control Module	16	%
Throttle Position	Engine Control Module	15	%
MAP Sensor	Engine Control Module	65.0	kPa
BARO	Engine Control Module	99.0	kPa
5V Reference 1	Engine Control Module	5.01	V
5V Reference 2	Engine Control Module	5.01	V
5V Reference 3	Engine Control Module	5.01	V
5V Reference 4	Engine Control Module	5.01	V
5V Reference 1 Circuit Status	Engine Control Module	OK	
5V Reference 2 Circuit Status	Engine Control Module	OK	
5V Reference 3 Circuit Status	Engine Control Module	OK	
5V Reference 4 Circuit Status	Engine Control Module	OK	
Fuel Control Loop Status	Engine Control Module	Closed	
Fuel Enrichment - Hot Coolant	Engine Control Module	Inactive	
Fuel Enrichment - Hot Catalyst	Engine Control Module	No	

HO2S Bank 1 Sensor 1	Engine Control Module	0.73	V
HO2S Bank 1 Sensor 2	Engine Control Module	0.77	V
HO2S Bank 2 Sensor 1	Engine Control Module	0.32	V
HO2S Bank 2 Sensor 2	Engine Control Module	0.81	V
Short Term Fuel Trim Bank 1	Engine Control Module	3	%
Short Term Fuel Trim Bank 2	Engine Control Module	7	%
Long Term Fuel Trim Bank 1	Engine Control Module	1	%
Long Term Fuel Trim Bank 2	Engine Control Module	0	%
Fuel Trim Learn	Engine Control Module	Enabled	
Fuel Trim Memory Cell	Engine Control Module	14	
Air/Fuel Equivalence Ratio Command	Engine Control Module	1.00	
Injector Duty Cycle Bank 1	Engine Control Module	1.80	ms
Injector Duty Cycle Bank 2	Engine Control Module	1.86	ms
HO2S Heater Control Circuit Low Voltage Test Status Bank 1 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit Open Test Status Bank 1 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit High Voltage Test Status Bank 1 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit Low Voltage Test Status Bank 1 Sensor 2	Engine Control Module	OK	
HO2S Heater Control Circuit Open Test Status Bank 1 Sensor 2	Engine Control Module	OK	
HO2S Heater Control Circuit High Voltage Test Status Bank 1 Sensor 2	Engine Control Module	OK	
HO2S Heater Control Circuit Low Voltage Test Status Bank 2 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit Open Test Status Bank 2 Sensor 1	Engine Control Module	OK	
HO2S Heater Control Circuit High Voltage Test Status Bank 2 Sensor 1	Engine Control Module	OK	

HO2S Heater Control Circuit Low Voltage Test Status Bank 2 Sensor 2	Engine Control Module	OK	
HO2S Heater Control Circuit Open Test Status Bank 2 Sensor 2	Engine Control Module	OK	
HO2S Heater Control Circuit High Voltage Test Status Bank 2 Sensor 2	Engine Control Module	OK	
Power Enrichment	Engine Control Module	Inactive	
Deceleration Fuel Cut-Off	Engine Control Module	Inactive	
Fuel Pressure Sensor	Engine Control Module	384	kPa
Fuel Rail Pressure Sensor	Engine Control Module	3.4	MPa
Ignition Timing	Engine Control Module	8.0	°
A/C Request Signal	Engine Control Module	Yes	
A/C Compressor Clutch Relay Command	Engine Control Module	On	
A/C Off for WOT	Engine Control Module	No	
A/C Disabled - A/C Pressure Out of Range	Engine Control Module	No	
Total Knock Retard	Engine Control Module	0	°
Cylinder 1 Knock Detected	Engine Control Module	No	
Cylinder 2 Knock Detected	Engine Control Module	No	
Cylinder 3 Knock Detected	Engine Control Module	No	
Cylinder 4 Knock Detected	Engine Control Module	No	
Cylinder 5 Knock Detected	Engine Control Module	No	
Cylinder 6 Knock Detected	Engine Control Module	No	
EVAP Purge Solenoid Valve Command	Engine Control Module	0	%
Fuel Tank Pressure Sensor	Engine Control Module	0.09	in. H2O
Remaining Fuel in Tank	Engine Control Module	38.4	%

Remaining Fuel in Tank	Engine Control Module	28	L
Fuel Volatility	Engine Control Module	Low	
Crankshaft Position Sensor	Engine Control Module	642	RPM
Camshaft Position Sensor	Engine Control Module	615	RPM
Desired Exhaust Camshaft Position Bank 1	Engine Control Module	0	°
Desired Intake Camshaft Position Bank 1	Engine Control Module	0	°
Desired Exhaust Camshaft Position Bank 2	Engine Control Module	0	°
Desired Intake Camshaft Position Bank 2	Engine Control Module	0	°
Exhaust Camshaft Position Bank 1	Engine Control Module	0	°
Intake Camshaft Position Bank 1	Engine Control Module	0	°
Exhaust Camshaft Position Bank 2	Engine Control Module	0	°
Intake Camshaft Position Bank 2	Engine Control Module	0	°
Engine Oil Pressure Switch	Engine Control Module	OK	
Low Engine Oil Pressure Indicator Command	Engine Control Module	Off	
Change Engine Oil Indicator Command	Engine Control Module	Off	
Ignition 1 Signal	Engine Control Module	13.05	V
Ignition Accessory Signal	Engine Control Module	On	
Power Mode	Engine Control Module	Run	
Crank Request Signal	Engine Control Module	No	
Remote Vehicle Start Request Signal	Engine Control Module	Off	
Park/Neutral Position Switch	Engine Control Module	Inactive	
Brake Pedal Position Circuit Signal	Engine Control Module	Applied	

Extended Travel Brake Pedal Position Signal	Engine Control Module	Released	
Brake Pedal Position Sensor Signal	Engine Control Module	Applied	
Cruise Control On/Off Switch	Engine Control Module	Off	
Cruise Control	Engine Control Module	Inactive	
Cruise Control Set/Coast Switch	Engine Control Module	Off	
Cruise Control Resume/Accelerate Switch	Engine Control Module	Off	
Cruise Control Cancel Switch	Engine Control Module	Inactive	
Cruise Control Switch	Engine Control Module	Active	
Vehicle Speed Sensor	Engine Control Module	2	km/h
Engine Off Time	Engine Control Module	00:40:25	
Engine Run Time	Engine Control Module	00:01:25	
Torque Delivered Signal	Engine Control Module	31.25	N·m
Calculated Catalyst Temperature Bank 1	Engine Control Module	661	°C
Calculated Catalyst Temperature Bank 2	Engine Control Module	661	°C



Global Diagnostic System 2

Read Vehicle Wide DTC and ID Information

Overview

Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Report Creation Date	2018-11-01 15:00:36 EDT

Vehicle Configuration Property

Make	Chevrolet
Model	Equinox
Model Year	2011
Passenger Presence System Version	Passenger Presence System (AL0)
Front Seat Heating Control Module Version	Not Equipped
Telematics Communication Interface Control Module Version	9
Seat Memory Control Module Version	0302
Remote Heater and Air Conditioning Control Module Type	Manual Control Single Zone (C67)
Engine Identifier	3.0L (LFW)

System Information Property

VCI Serial Number	MDI: [redacted]
Vehicle Session Creation Date	2018-11-01 14:46:45
Test Start Time	2018-11-01 15:00:36 EDT

Engine Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
End Model Part Number	12642856
Base Model Part Number	12640964
Software Module 1 Identifier	12642819

Software Module 2 Identifier	12643174
Software Module 3 Identifier	12642562
Software Module 4 Identifier	12643176
Software Module 5 Identifier	12644160
Software Module 6 Identifier	12643790

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
P0113	00	Intake Air Temperature (IAT) Sensor Circuit High Voltage	- - -	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	Not History
				MIL Status	Not Requested
P0300	00	Engine Misfire Detected	- - -	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	Not History
				MIL Status	Not Requested
P2228	00	Barometric Pressure (BARO) Sensor Circuit Low Voltage	- - -	Passed and Failed	
				This Ignition Cycle	Passed
				Last Test	Passed
				Since DTC Clear	Passed and Failed
				DTC History Status	Not History
				MIL Status	Not Requested

Fuel Pump Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Subscriber ID	PCINSTN#58
Date Programmed	20101001
Diagnostic Data Identifier	0301
Base Model Part Number	20867262
End Model Part Number	20867260
End Model Part Number Alpha Code	AC
Software Module 1 Identifier	20812686
Software Module 2 Identifier	20873285
Software Module 3 Identifier	20812684
System Code	03

No DTCs Stored

Transmission Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Date Programmed	20101001
Diagnostic Data Identifier	501
End Model Part Number	24256129
Base Model Part Number	24239358
Software Module 1 Identifier	24256125
Software Module 1 Identifier Alpha Code	AD
Software Module 2 Identifier	24260127
Software Module 2 Identifier Alpha Code	AB
Software Module 3 Identifier	24258740
Software Module 3 Identifier Alpha Code	AC
Software Module 4 Identifier	24258742
Software Module 4 Identifier Alpha Code	AC
System Code	5

No DTCs Stored

Rear Differential Clutch Control Module

No Communication

Electronic Brake Control Module

Identification Information	Value

Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Subscriber ID	PCINSTN#58
Date Programmed	20101001
Diagnostic Data Identifier	3682
Previous Subscriber ID	P
2nd Previous Subscriber ID	
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	925617P5092803AE
Module Diagnostic Address	28
End Model Part Number	22755617
Base Model Part Number	22755615
End Model Part Number Alpha Code	AA
Base Model Part Number Alpha Code	AA
Boot Software Part Number	20827617
Software Part Number Alpha Code	AA
Software Module 1 Identifier	22755624
Software Module 1 Identifier Alpha Code	AA
Software Module 2 Identifier	22755621
Software Module 2 Identifier Alpha Code	AA
GMLAN Identification Data - Bus 1 Type	High Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	300
GMLAN Identification Data - Data Dictionary 1 Version	30401
GMLAN Identification Data - Bus 2 Type	Chassis Expansion CAN Bus
GMLAN Identification Data - GMLAN Kernel 2 Version	300
GMLAN Identification Data - Data Dictionary 2 Version	30401
System Code	36

No DTCs Stored

Body Control Module

Identification Information	**Value**
End Model Part Number	13578704
Boot Software Part Number	13501736
Manufacturer Enable Counter	0
Calibration Part Number 1	13578702
Calibration Part Number 2	22745418
Calibration Part Number 3	22778561
Calibration Part Number 4	22742036
Calibration Part Number 5	22742017
Calibration Part Number 6	22742010

Calibration Part Number 7	22742012
Calibration Part Number 8	22742014
Calibration Part Number 9	22742006
Calibration Part Number 10	22742065
Calibration Part Number 11	22755987
Calibration Part Number 12	22742015
Calibration Part Number 13	13338869
Calibration Part Number 14	20981790
Calibration Part Number 15	20981789
Calibration Part Number 16	13505709
Calibration Part Number 17	13505710
Calibration Part Number 18	13505707
Calibration Part Number 19	20897777
Calibration Part Number 20	22742087
Diagnostic Data Identifier	201
Module Diagnostic Address	40
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Odometer	218792

No DTCs Stored

Multi-Axis Acceleration Sensor Module

Identification Information	**Value**
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Diagnostic Data Identifier	0401
XML Configuration Compatibility Identifier	1
XML Data File Part Number	25936440
XML Data File Alpha Code	AD
Manufacturer's Traceability Number	LR5726231026320X
Module Diagnostic Address	2C
End Model Part Number	13505726
Base Model Part Number	13505726
End Model Part Number Alpha Code	AA
Base Model Part Number Alpha Code	AA
Boot Software Part Number	13278460
Software Module 1 Identifier	12784987
Software Module 1 Identifier Alpha Code	DB
GMLAN Identification Data - Bus 1 Type	Chassis Expansion CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	300
GMLAN Identification Data - Data Dictionary 1 Version	

System Code	04

No DTCs Stored

Steering Wheel Angle Sensor Module

Identification Information	Value
Diagnostic Data Identifier	301
Manufacturer's Traceability Number	SA9366E102252597
Module Diagnostic Address	34
End Model Part Number	25849366
Base Model Part Number	25849366
End Model Part Number Alpha Code	DF
Base Model Part Number Alpha Code	DF
GMLAN Identification Data - Bus 1 Type	Chassis Expansion CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	300
GMLAN Identification Data - Data Dictionary 1 Version	20101
System Code	3

No DTCs Stored

Inflatable Restraint Sensing and Diagnostic Module

Identification Information	Value
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
End Model Part Number	13574893
Base Model Part Number	13574893
Manufacturer's Traceability Number	AS4893E050180213
Inflatable Restraint Sensing and Diagnostic Module Primary Key	9566
Software Part Number	13574891
Calibration Part Number 1	20989566
Calibration Part Number 2	25816271
Software Module 1 Identifier	0
Software Module 2 Identifier	0
Diagnostic Data Identifier	0401
High Voltage Disable Requested - Crash Event Detected	No

No DTCs Stored

Passenger Presence Module

Identification Information	Value
End Model Part Number	20892399
Base Model Part Number	20892399

Manufacturer's Traceability Number	BR2399J3022415RU
Software Part Number	20836983
Calibration Part Number 1	20892404

No DTCs Stored

Instrument Cluster

Identification Information	Value
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Subscriber ID	PCINSTN#58
Date Programmed	Friday, October 1, 2010
Diagnostic Data Identifier	023A
XML Configuration Compatibility Identifier	6
XML Data File Part Number	22767601
XML Data File Alpha Code	AA
Previous Subscriber ID	PCINSTN#75
2nd Previous Subscriber ID	ÿÿÿÿÿÿÿÿÿÿ
Manufacturer Enable Counter	0
Module Diagnostic Address	60
End Model Part Number	20978079
Base Model Part Number	20978079
Manufacturer's Traceability Number	50AB02D300067970
Software Module 1 Identifier	20970755
Software Module 2 Identifier	12823320
Software Module 3 Identifier	12823322
Software Module 4 Identifier	12823321
Software Module 5 Identifier	20969589
Software Module 6 Identifier	22767604
Software Module 7 Identifier	20998290
Software Module 8 Identifier	20969587
Software Module 9 Identifier	22767603
Software Module 10 Identifier	20935281
Software Module 11 Identifier	20935280
GMLAN Identification Data - Bus 1 Type	Low Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	300
GMLAN Identification Data - Data Dictionary 1 Version	30702
System Code	02
Odometer	218792

No DTCs Stored

Radio

Identification Information	Value
End Model Part Number	20888798
Boot Software Part Number	287454020
Manufacturer Enable Counter	0
Calibration Part Number 1	22870536
Calibration Part Number 2	23224448
Software Part Number 2	
Calibration Part Number 3	20877032
Calibration Part Number 4	22800146
Calibration Part Number 5	20877033
Calibration Part Number 6	20968829
Calibration Part Number 7	20970539
Calibration Part Number 8	20858000
Calibration Part Number 9	20968826
Calibration Part Number 10	20857999
Calibration Part Number 11	20968831
Calibration Part Number 12	
Calibration Part Number 13	
Calibration Part Number 14	
Calibration Part Number 15	
Calibration Part Number 16	
Digital Radio Receiver ID	MYTG4243
DVD Region Code	1
DVD Region Code Changes Remaining	5
VIN Digits 2-17	CNFLFE58B6[redacted]
Diagnostic Data Identifier	402

No DTCs Stored

Telematics Communication Interface Control Module

Identification Information	Value
Bluetooth	Enabled
Call Mode	CDMA A Band
Current Transceiver Identifier	21
End Model Part Number	22740876
Firmware Over-the-Air Version	6608
GSM Network Code	65535
GSM Station Identifier	21
Manufacturer	LG

Manufacturer's Traceability Number	BV0876L102161129
Mobile Directory Number	0310007348436002
Mobile Identification Number	0310007348436002
Mobile Equipment Identifier	268435457515448337
Module Generation Identifier	9
Network Access Identifier	[redacted]
Network Access Identifier Password	vzw
Off-Board Navigation	Enabled
OnStar Customer Identifier	60124737
Option Configuration	On
Preferred Roaming List Outdated Status	No
Preferred Roaming List Update Command	Inactive
Preferred Roaming List Version Number	51717
Remote Vehicle Speed Limiting	Active
Software Module 1 Identifier	343545
Software Module 1 Identifier Alpha Code	45E
Utility File Part Number	22757691

No DTCs Stored

Remote Heater and Air Conditioning Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
Date Programmed	Friday, October 1, 2010
Diagnostic Data Identifier	403
End Model Part Number	13574814
Base Model Part Number	13574814
Software Module 1 Identifier	13574811
Software Module 2 Identifier	20898029
Software Module 3 Identifier	22773310

No DTCs Stored

Liftgate Control Module

Identification Information	Value
Diagnostic Data Identifier	0201
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	BN3474E802666669
Module Diagnostic Address	A4
End Model Part Number	20943474
Base Model Part Number	20943474

End Model Part Number Alpha Code	F0
Base Model Part Number Alpha Code	F0
Software Module 1 Identifier	20943475
Software Module 1 Identifier Alpha Code	AB
Software Module 2 Identifier	22757926
Software Module 2 Identifier Alpha Code	AC
System Code	02

No DTCs Stored

Seat Memory Control Module

Identification Information	Value
End Model Part Number	13575075
Base Model Part Number	13501100
Calibration Part Number 1	20925198
End Model Part Number Alpha Code	CM
Diagnostic Data Identifier	0302
Subscriber ID	PCINSTN#58
Module Diagnostic Address	A8

No DTCs Stored

Parking Assist Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	2CNFLFE58B6[redacted]
System Name or Engine Type	RPA AO
Subscriber ID	PCINSTN#58
Date Programmed	Friday, October 1, 2010
Diagnostic Data Identifier	0502
XML Configuration Compatibility Identifier	2
XML Data File Alpha Code	AA
Module Diagnostic Address	BB
Manufacturer's Traceability Number	KA56504026300536
Software Part Number	20925649
Calibration Part Number	20849237
End Model Part Number	20925650
Base Model Part Number	13286928
Software Module 1 Identifier Alpha Code	AA
Software Module 2 Identifier Alpha Code	AA
End Model Part Number Alpha Code	AA
Base Model Part Number Alpha Code	AA

GMLAN Identification Data - Bus 1 Type	Low Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	300
GMLAN Identification Data - Data Dictionary 1 Version	10603

No DTCs Stored

Vehicle Direction Camera Control Module

No Communication

[redacted]

[redacted]

ESIS®

Angela Bell
Claims Administrator
angela.bell@gm.com

October 26, 2018

[redacted]

RE: Claimant: [redacted]
Our File No.: [redacted]
Our Client: General Motors LLC
Date/Event: 10/1/2018
VIN: 2CNFLFE58B6[redacted]

Dear [redacted]:

I am writing to confirm our conversation of 10/19/2018 regarding your accident of 10/1/2018 in a 2011 Chevrolet Equinox. ESIS provides administrative claims handling services to General Motors LLC (GM) in connection with product liability claims against GM. They have referred your claim to our office for further handling. Please address all future correspondence to my attention.

ESIS is undertaking an investigation of your claim on behalf of GM. Conducting this investigation and responding to your claim is not a waiver of any defense that GM may have to your claim. GM expressly reserves its right to assert any defense. In undertaking to investigate your claim, ESIS and GM make no promise, representation, or statement that either will make any payment of your claim and ESIS and GM expressly reserve the right, in their discretion, to deny your claim and make no payment.

Per our conversation, you agreed to allow us to inspect your 2011 Chevrolet Equinox and retrieve certain data from the air bag system. I estimate the inspection will take about 3 hours.

As part of the inspection, we will likely take photographs and measurements. Also, your vehicle is equipped with an air bag Sensing and Diagnostic Module (SDM). As explained in the Owner's Manual, in addition to its other functions, the SDM is capable of recording information about the air bag system and other crash related data in an air bag deployment event and some near-deployment crashes. The SDM in your vehicle may also record the following pre-crash data: vehicle speed, throttle position, brake application and engine RPM for 5 seconds prior to the deployment or near deployment event. As part of our investigation, we will download the SDM data using the publicly available Bosch Crash Data Retrieval (CDR) system software. We will provide you with a copy of the data at the time we retrieve it or as soon after as is practical.

Please note the potential GM uses of this crash data once GM has a copy in its files. Once collected, the SDM crash data is available for GM's research needs. Also, in summary form, this information may be provided to non-GM organizations (i) which have a reasonable need for it, (ii) which have a demonstrated

ability to utilize such data, and (iii) which are expected to use it for studies aimed at improving safety to the benefit of the public at large, the auto industry, or GM. However, information which ties SDM crash data to a particular vehicle, such as VIN, owner name, or date and location, will generally not be disclosed by GM other than (a) to the involved owner/lessee or his/her designated agent, (b) in response to an official request of police or similar government office, (c) for research where appropriate confidentiality is maintained and need is shown, (d) as part of GM's defense of litigation involving the subject vehicle or other GM products, or (e) as otherwise required by law.

In addition to the SDM data described above, information regarding the status of the electronic components in your vehicle's air bag system (or other electronic systems) may be scanned through the use of an available electronic scan tool known as a Tech II or a Multiple Diagnostic Interface (MDI) which are commonly used by authorized dealership vehicle service technicians. If Tech II or MDI scan information is obtained from those scans it can be made available at your request.

To assist us in the investigation of your claim, we request that you provide us with the following information:

1. Documentation to substantiate the amount of damages to your vehicle;
2. Original photographs (or color copies) taken by you, or someone on your behalf, of the vehicle that is the basis of your claim;
3. Statement of the facts of the accident.
4. Copy of accident report;

Once we have completed our investigation, a review of your claim will be conducted.

Please be advised that you have an obligation and responsibility to ensure that the subject vehicle and its related components are maintained and preserved in their immediate post-incident condition for as long as you intend to pursue a claim and/or cause of action.

Should you have any questions regarding this letter or your claim, please feel free to contact me directly at 1.313.665.2699, Monday through Friday, 8:00 a.m. to 4:30 p.m., EST.

[redacted]

Angela Bell
Claims Administrator

Enclosure

[redacted] [redacted]

ESIS®

Angela Bell
Claims Administrator

November 14, 2018

[redacted]

RE: Claimant: [redacted]
Our File No.: [redacted]
Our Client: General Motors LLC
Date/Event: 10/1/2018
VIN: 2CNFLFE58B6[redacted]

Dear [redacted]:

Please find enclosed a copy of the air bag data retrieved from the above vehicle. This copy is for your records.

We are still in the process of evaluating your claim and will contact you once it has been completed.

Sincerely,

[redacted]

Angela Bell

Enclosure


GM
2CNFLFE58B6


4001 ISO 9001 REGISTERED
CAMI
Automotive Inc
ng to be World Class
Proudly built by
the team members of
Assemblé fièrement
par les membres
de l'équipe de
CAMI Automotive Inc.
Ingersoll, Ontario,
Canada
En Route vers la Classe Mondiale
TCA
ADA
ISO 14001 REGISTERED
CERTIFIÉ ISO 9001


TIRE AND LOADING INFORMATION
SEATING CAPACITY | TOTAL 5 | FRONT 2 | REAR 3
The combined weight of occupants and cargo should never exceed 524 kg or 1154 lbs.
TIRE | ORIGINAL SIZE | COLD TIRE PRESSURE
FRONT | P235/55R18 T | 240 kPa, 35 PSI
REAR | P235/55R18 T | 240 kPa, 35 PSI
SPARE | T145/70R17 M | 420 kPa, 60 PSI
SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
2GNFLFE58[redacted]

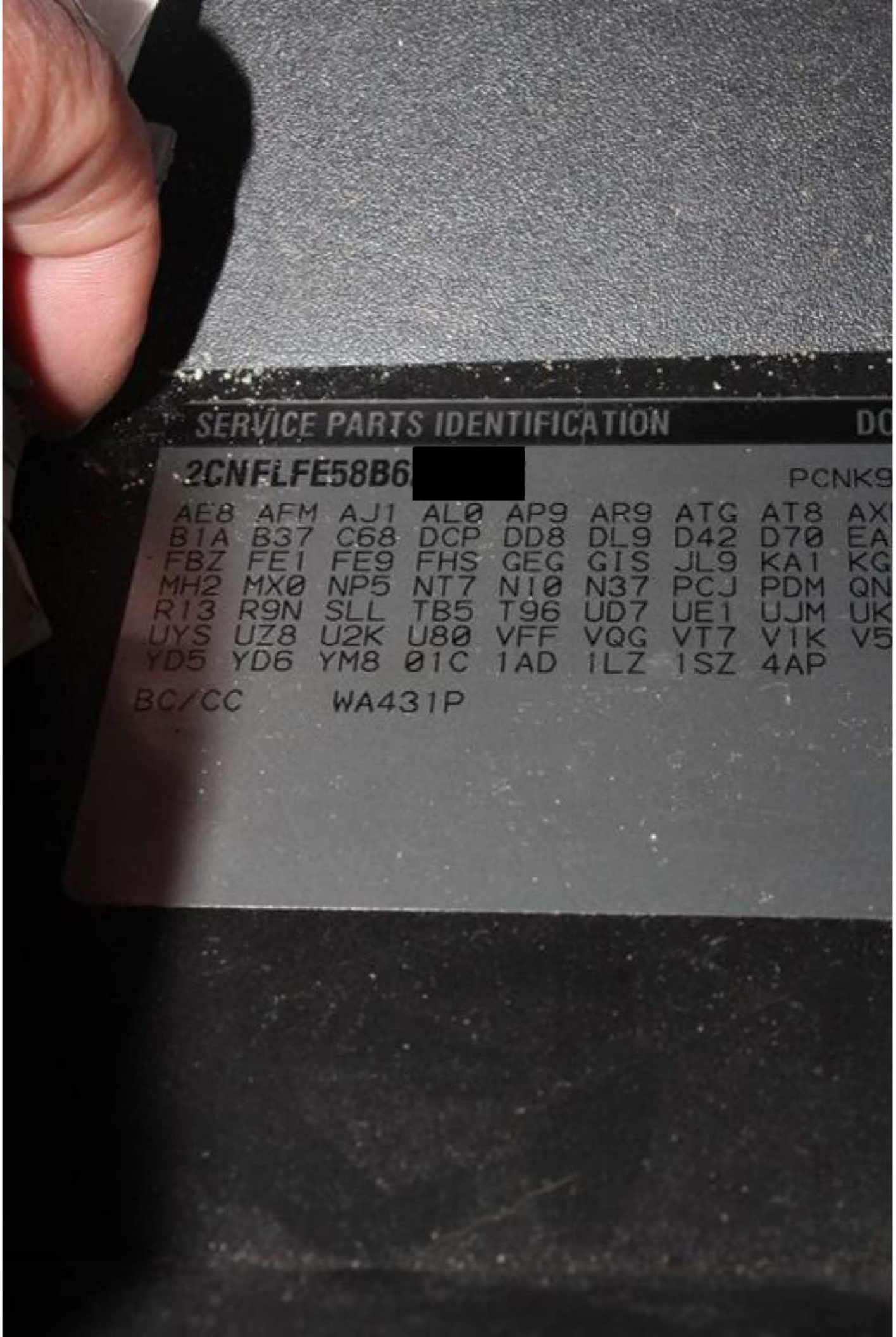

Miles:
140,594
Date:
03/22/2019
See owner's manual for manufacturer recommendations.

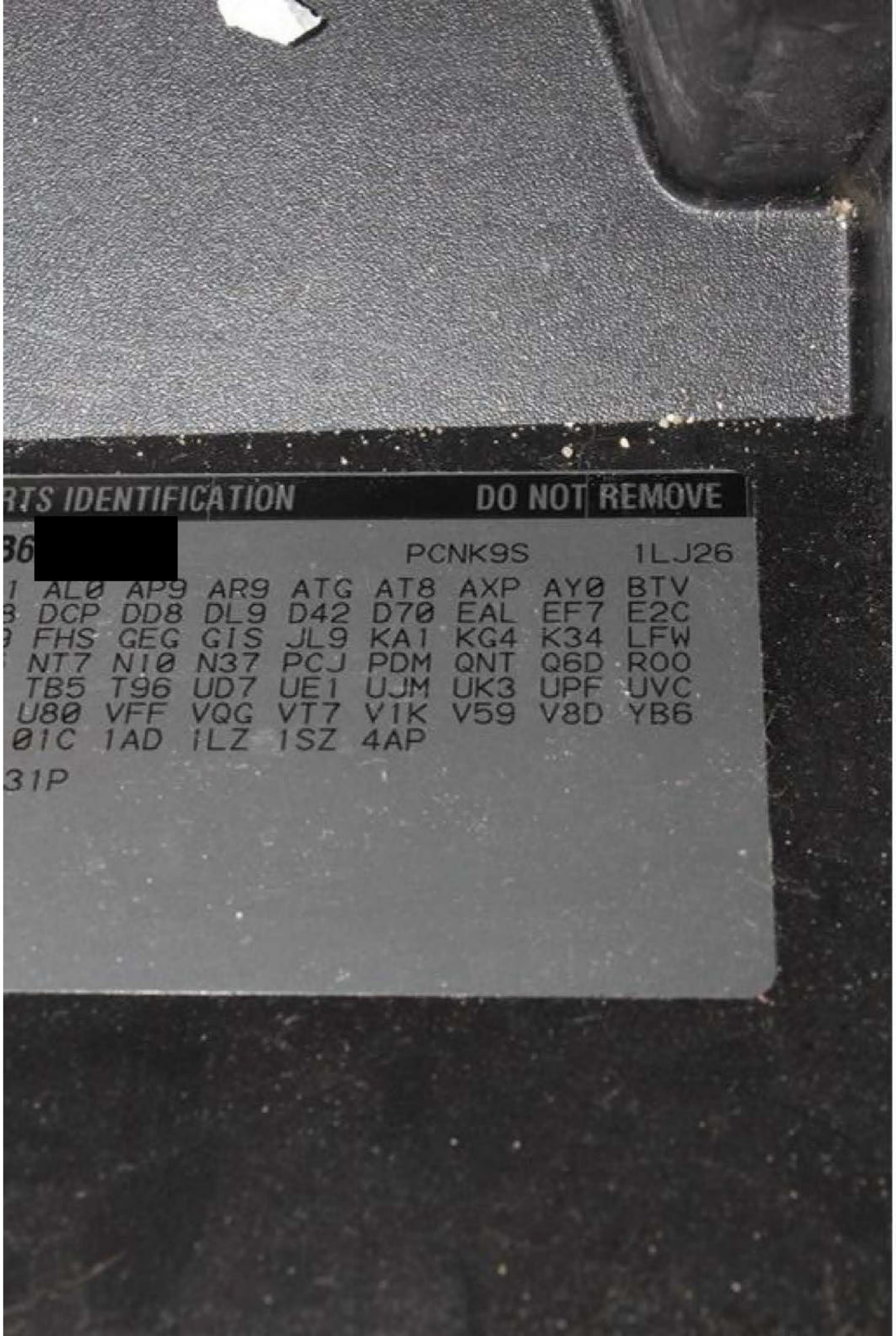

LifeMaster
NG'S
PPETIZER
YOUR SERVER
ARY APPETIZER
AN ENTRÉE
HANG'S ONLY
RS OR DISCOUNTS
LIMIT ONE PER TABLE
COM
about air bags.
AVERTISSEMENT
MÊME AVEC DES SACS GONFLABLES INTELLIGEN
• Les enfants peuvent être tués ou gravement blessés par le sac gonflab
• Le siège arrière est l'endroit le plus sûr pour les enfants.
• Ne jamais placer à l'avant un siège pour enfant faisant face à l'arrière
• Toujours utiliser les ceintures de sécurité et les ensembles de retenue pour enfant.
• Voir le guide du propriétaire pour plus d'information à propos des sacs gonflables.
Posted in USA
1989 4773






SERVICE PART IDENTIFICATION
DO NOT REMOVE
2CNFLFE56B6[redacted]
PCNKGS
1LJ26
AE8 AFM AJ1 AL9 APB AR9 ATG AT8 AXP AY0 B1V
B1A B37 C68 DCP DD8 DL9 D42 D70 EAL EF7 E2C
FBZ FEJ FE9 FHS G6G GIS JL9 KAT KG4 K34 LFW
MH2 MX0 NP5 NT7 N10 N37 PCJ PDM QNT Q6D R00
RT3 R9N SLL TB5 T96 UD7 UET UJM UK3 UPF UVC
UYS UZ8 U2K U80 VFF VQG VT7 V1K V59 V8D YB6
YD5 YDG YM8 01C 1AD 1LZ 1SZ 4AP
BC/CC WA431P


SERVICE PARTS IDENTIFICATION
2CNFLFE58B6
PCNK9
AE8 AFM AJ1 AL0 AP9 AR9 ATG AT8
B1A B37 C68 DCP DD8 DL9 D42 D70
FBZ FE1 FE9 FHS GEG GIS JL9 KA1
MH2 MX0 NP5 NT7 N10 N37 PCJ PDM
R13 R9N SLL TB5 T96 UD7 UE1 UJM
UYS UZ8 U2K U80 VFF VQG VT7 V1K
YD5 YD6 YM8 01C 1AD 1LZ 1SZ 4AP
BC/CC
WA431P

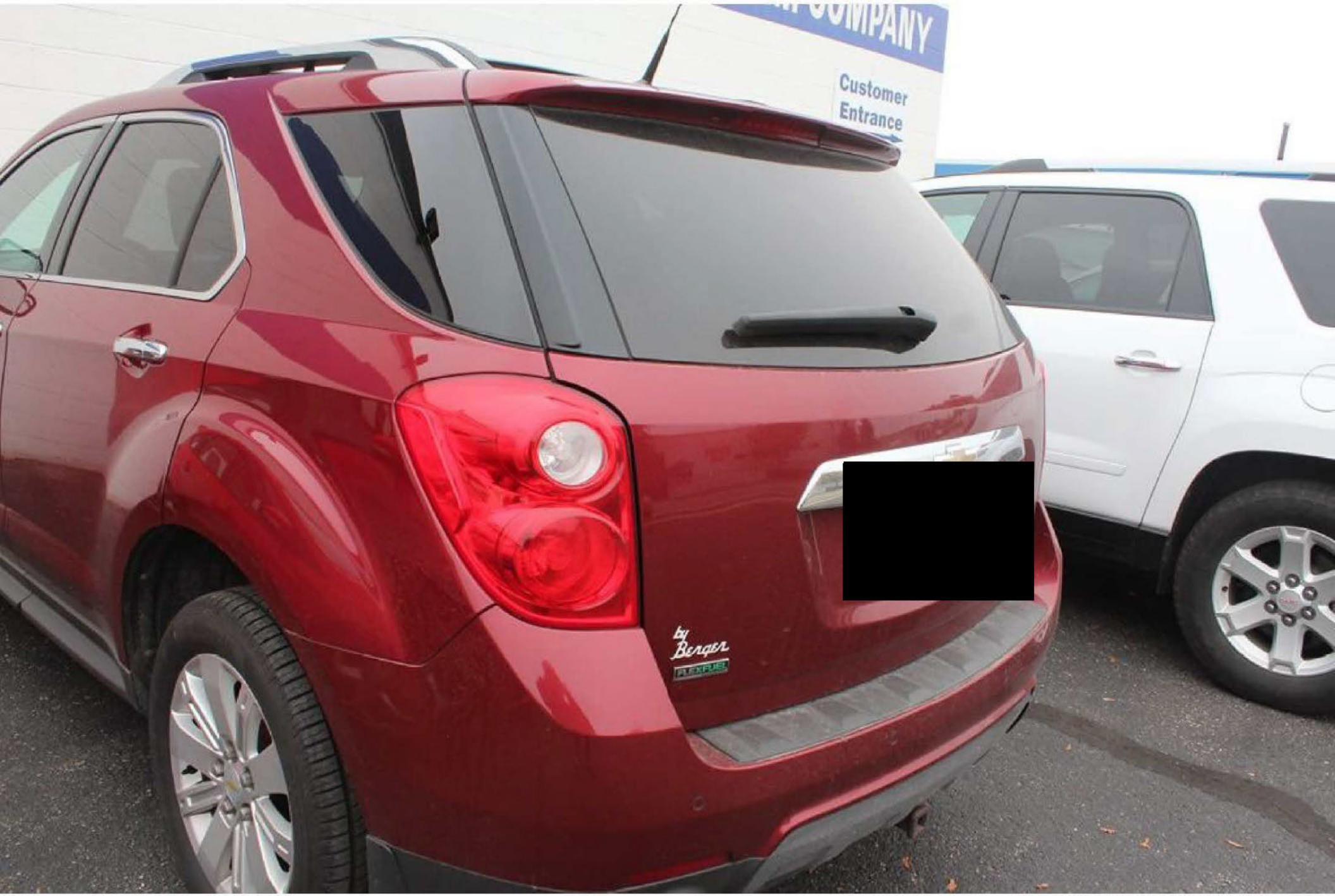

RTS IDENTIFICATION DO NOT REMOVE
[redacted] PCNK9S 1LJ26
1 AL0 AP9 AR9 ATG AT8 AXP AY0 BTV
B DCP DD8 DL9 D42 D70 EAL EF7 E2C
9 FHS GEG GIS JL9 KA1 KG4 K34 LFW
NT7 NI0 N37 PCJ PDM QNT Q6D R00
TB5 T96 UD7 UE1 UJM UK3 UPF UVC
U80 VFF VQG VT7 V1K V59 V8D YB6
01C 1AD 1LZ 1SZ 4AP
31P




Intralox






Customer
Entrance
by
Berger
FLEXFUEL




EQUINOX LTZ


EQUINOX LTZ








V6 VVT
DIRECT INJECTION












DOT 3























INFORMATION REDACTED PURSUANT TOTHE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C.552(B)(6)


























RES/+
SET/-
SRC


AUTO
RES/+
SET/-


RADIO BAND
HDD/DVD AUX
SELECT
FAV
INFO
NAV
DEL
DEST
RPT
AUTO
MENU
SET/CLR
VEHICLE INFO

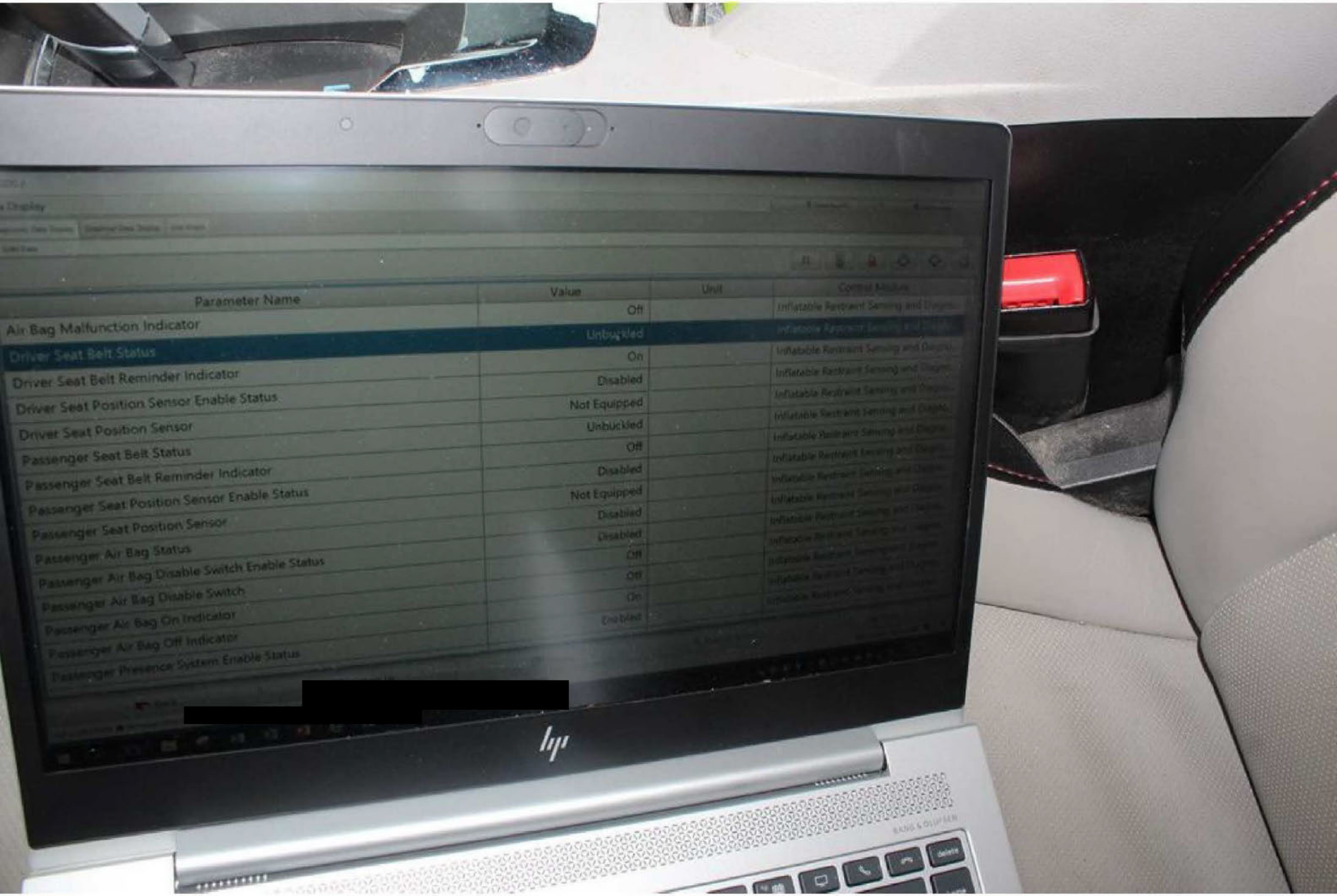



2
1

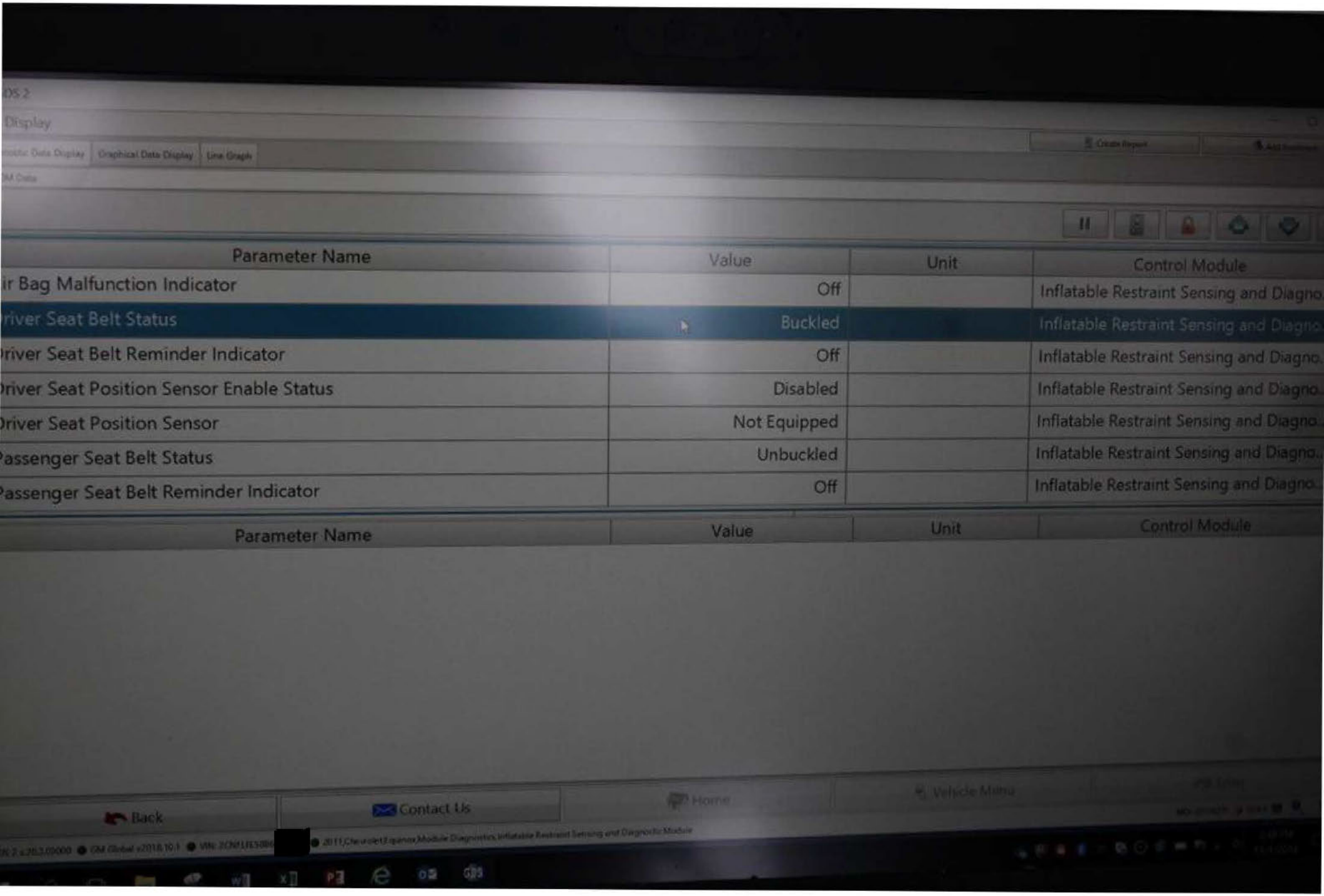

RES/+
SET/–
SRC
AUTO






Parameter Name
Value
Unit
Air Bag Malfunction Indicator
Off
Driver Seat Belt Status
Unbuckled
Driver Seat Belt Reminder Indicator
On
Driver Seat Position Sensor Enable Status
Disabled
Driver Seat Position Sensor
Not Equipped
Passenger Seat Belt Status
Unbuckled
Passenger Seat Belt Reminder Indicator
Off
Passenger Seat Position Sensor Enable Status
Disabled
Passenger Seat Position Sensor
Not Equipped
Passenger Air Bag Status
Disabled
Passenger Air Bag Disable Switch Enable Status
Disabled
Passenger Air Bag Disable Switch
Off
Passenger Air Bag On Indicator
Off
Passenger Air Bag Off Indicator
On
Passenger Presence System Enable Status
Disabled


Unit
Control Module
Off
Inflatable Restraint Sensing and Diagno...
Buckled
Inflatable Restraint Sensing and Diagno...
Off
Inflatable Restraint Sensing and Diagno...
Disabled
Inflatable Restraint Sensing and Diagno...
Not Equipped
Inflatable Restraint Sensing and Diagno...
Unbuckled
Inflatable Restraint Sensing and Diagno...
Off
Inflatable Restraint Sensing and Diagno...
Parameter Name
Value
Unit
Control Module
BANG & OLUFSEN
delete
backspace
home



OS 2

Display

Graphical Data Display | Line Graph

Parameter Name	Value	Unit	Control Module
ir Bag Malfunction Indicator	Off		Inflatable Restraint Sensing and Diagno
river Seat Belt Status	Buckled		Inflatable Restraint Sensing and Diagno
river Seat Belt Reminder Indicator	Off		Inflatable Restraint Sensing and Diagno
river Seat Position Sensor Enable Status	Disabled		Inflatable Restraint Sensing and Diagno
river Seat Position Sensor	Not Equipped		Inflatable Restraint Sensing and Diagno
assenger Seat Belt Status	Unbuckled		Inflatable Restraint Sensing and Diagno
assenger Seat Belt Reminder Indicator	Off		Inflatable Restraint Sensing and Diagno

Parameter Name	Value	Unit	Control Module

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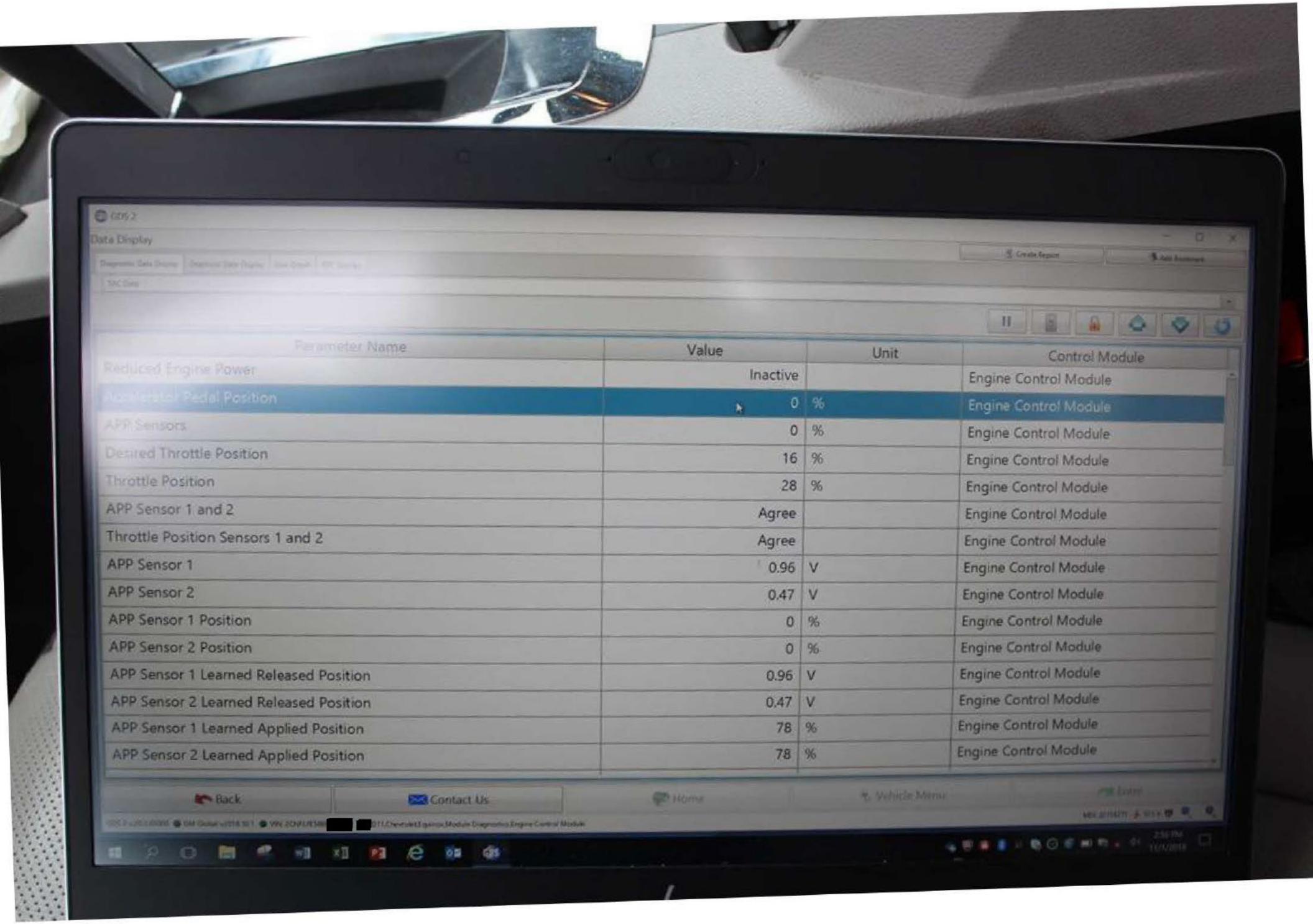
GDS 2
Data Display
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
0
%
Engine Control Module
APP Sensors
0
%
Engine Control Module
Desired Throttle Position
16
%
Engine Control Module
Throttle Position
28
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
0.96
V
Engine Control Module
APP Sensor 2
0.47
V
Engine Control Module
APP Sensor 1 Position
0
%
Engine Control Module
APP Sensor 2 Position
0
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
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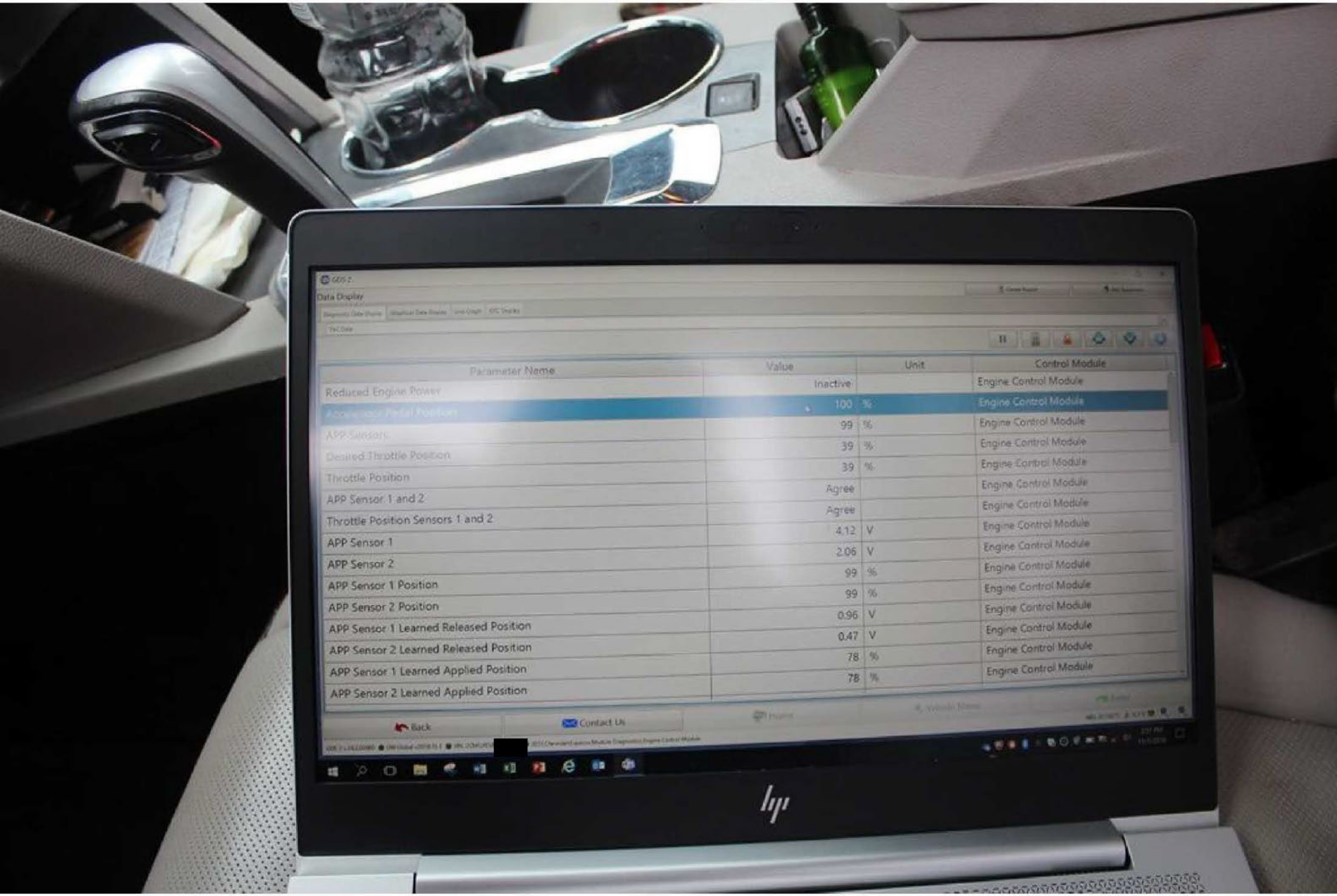
Data Display
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
100 %
Engine Control Module
99 %
Engine Control Module
39 %
Engine Control Module
39 %
Engine Control Module
Agree
Engine Control Module
Agree
Engine Control Module
4.12 V
Engine Control Module
2.06 V
Engine Control Module
99 %
Engine Control Module
99 %
Engine Control Module
0.96 V
Engine Control Module
0.47 V
Engine Control Module
78 %
Engine Control Module
78 %
Engine Control Module
Throttle Position Sensors 1 and 2
APP Sensor 1
APP Sensor 2
APP Sensor 1 Position
APP Sensor 2 Position
APP Sensor 1 Learned Released Position
APP Sensor 2 Learned Released Position
APP Sensor 1 Learned Applied Position
APP Sensor 2 Learned Applied Position
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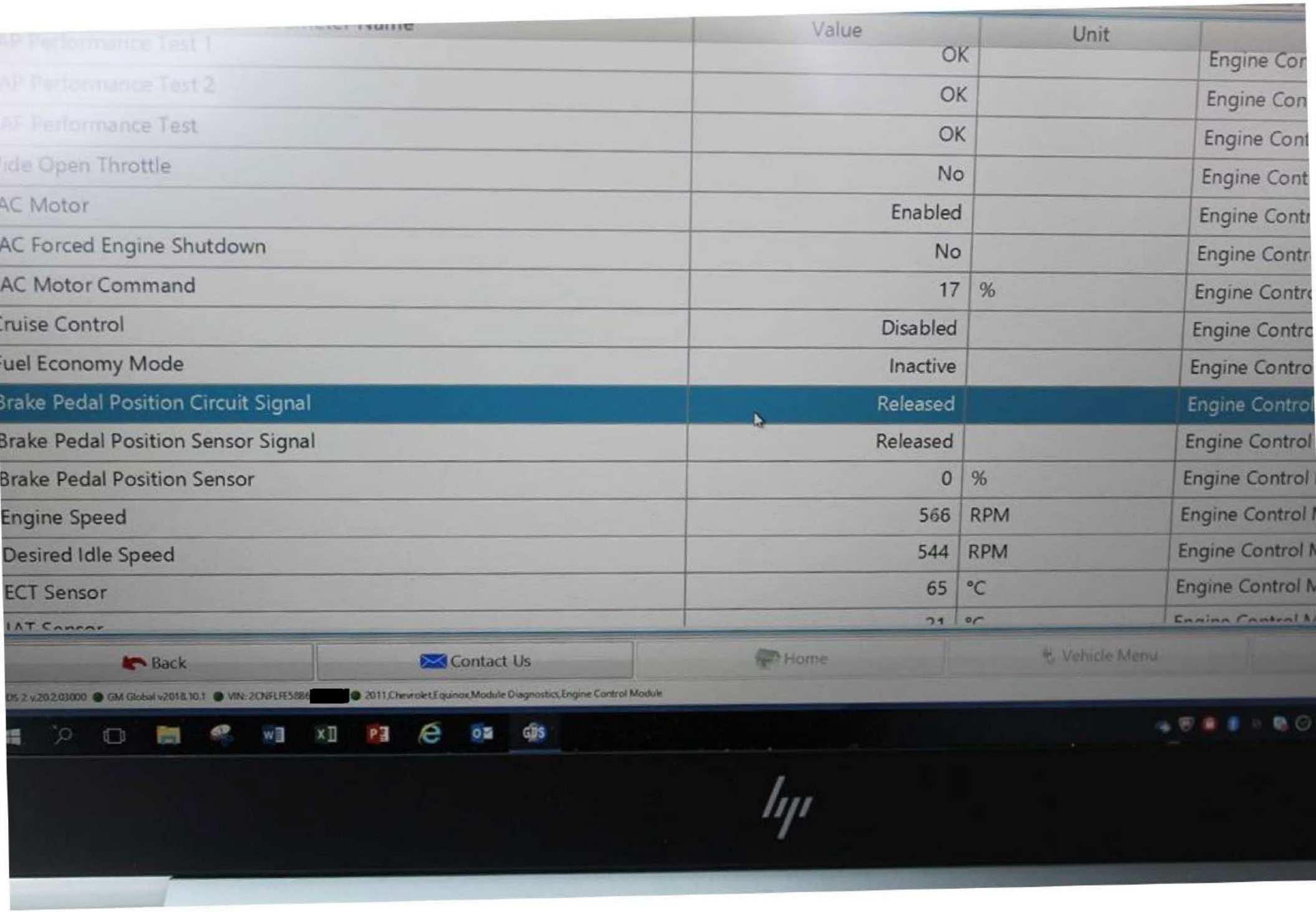

	Value	Unit	
AP Performance Test 1	OK		Engine Cor
AP Performance Test 2	OK		Engine Con
AF Performance Test	OK		Engine Cont
Wide Open Throttle	No		Engine Cont
TAC Motor	Enabled		Engine Contr
TAC Forced Engine Shutdown	No		Engine Contr
TAC Motor Command	17	%	Engine Contro
Cruise Control	Disabled		Engine Contro
Fuel Economy Mode	Inactive		Engine Contro
Brake Pedal Position Circuit Signal	Released		Engine Control
Brake Pedal Position Sensor Signal	Released		Engine Control
Brake Pedal Position Sensor	0	%	Engine Control
Engine Speed	566	RPM	Engine Control
Desired Idle Speed	544	RPM	Engine Control
ECT Sensor	65	°C	Engine Control
IAT Sensor	21	°C	Engine Control

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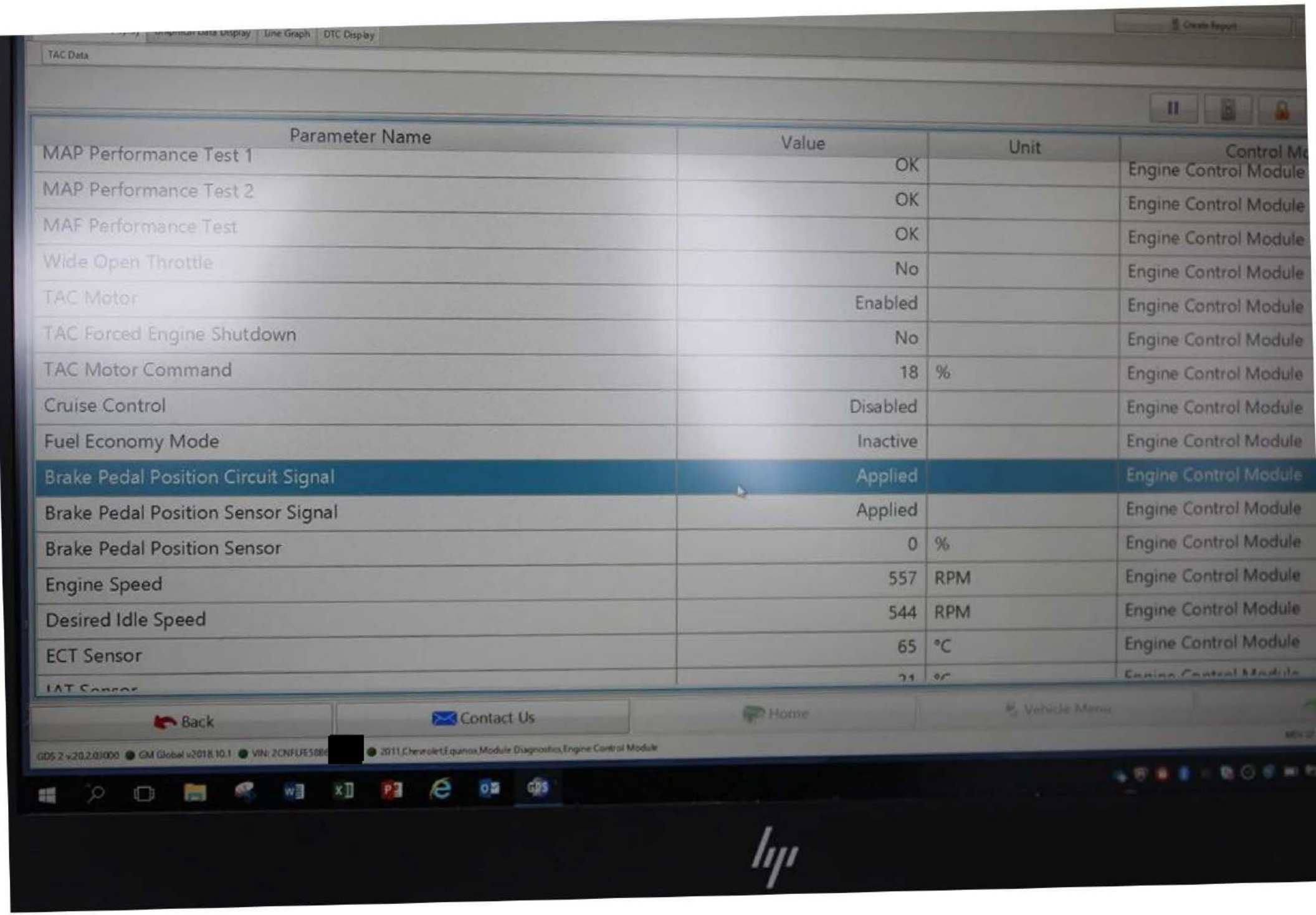
GDS 2 v.20.2.03000 ● GM Global v2018.10.1 ● VIN: 2CNFLFE5884[redacted] ● 2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module




Graphical Data Display
Line Graph
DTC Display
Create Report
TAC Data
Parameter Name
Value
Unit
Control Mo
MAP Performance Test 1
OK
Engine Control Module
MAP Performance Test 2
OK
Engine Control Module
MAF Performance Test
OK
Engine Control Module
Wide Open Throttle
No
Engine Control Module
TAC Motor
Enabled
Engine Control Module
TAC Forced Engine Shutdown
No
Engine Control Module
TAC Motor Command
18
%
Engine Control Module
Cruise Control
Disabled
Engine Control Module
Fuel Economy Mode
Inactive
Engine Control Module
Brake Pedal Position Circuit Signal
Applied
Engine Control Module
Brake Pedal Position Sensor Signal
Applied
Engine Control Module
Brake Pedal Position Sensor
0
%
Engine Control Module
Engine Speed
557
RPM
Engine Control Module
Desired Idle Speed
544
RPM
Engine Control Module
ECT Sensor
65
°C
Engine Control Module
IAT Sensor
21
°C
Engine Control Module
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GDS 2 v20.2.03000
GM Global v2018.10.1
VIN: 2CNFLFE5[redacted]
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module


0
1
2
3
4
5
6
7
8
RPM
x1000
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140


RPM
x1000
Checking
MPH


AUTO
Automatic
Light Control
Off
RPM
x1000
MPH


6
7
8
RPM
1000
135950
50
60
70
80
90
40
20
10
0



REINFORCED
GERMANY

GERMANY


20
21
22
23
24
25


26
27
28
29
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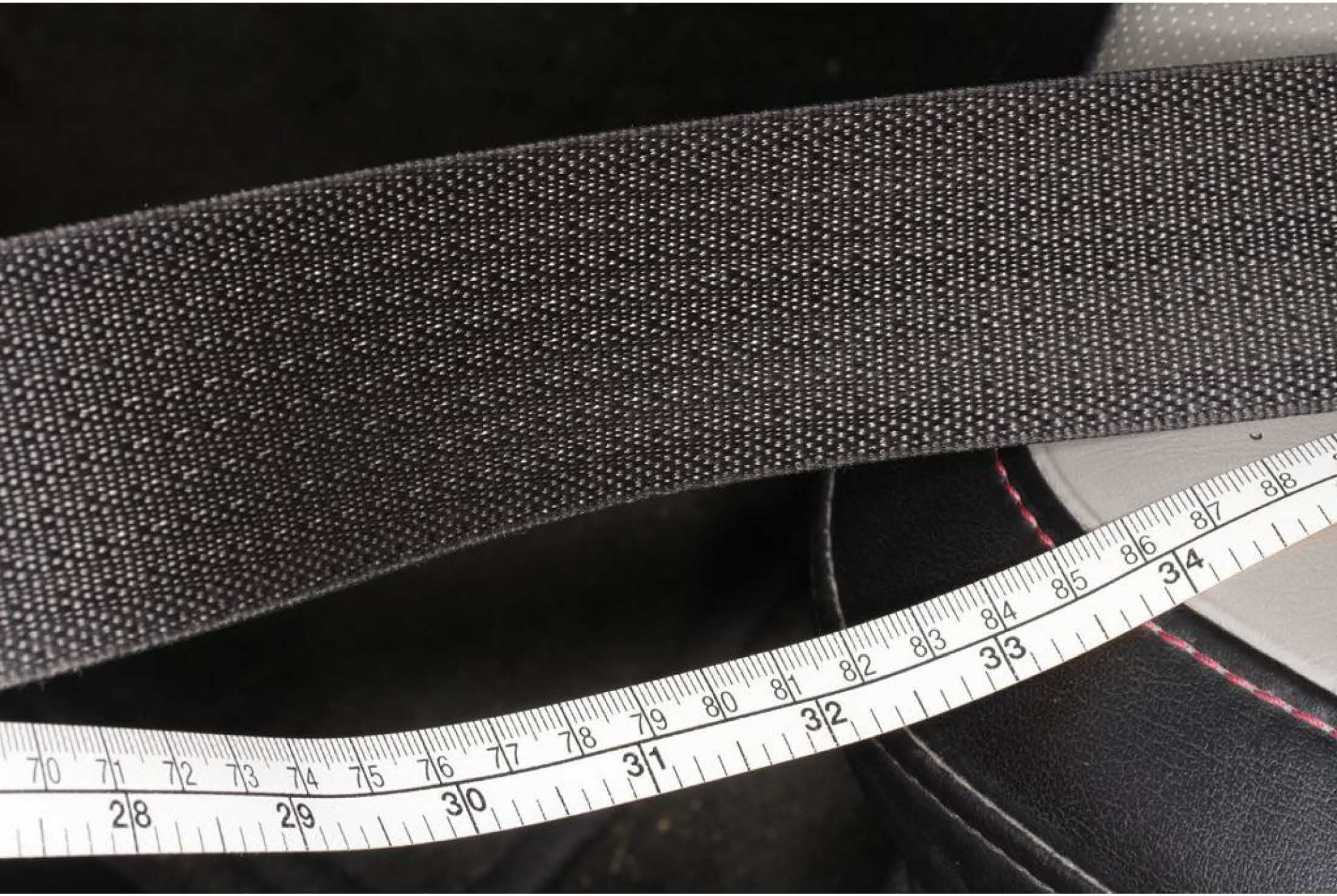




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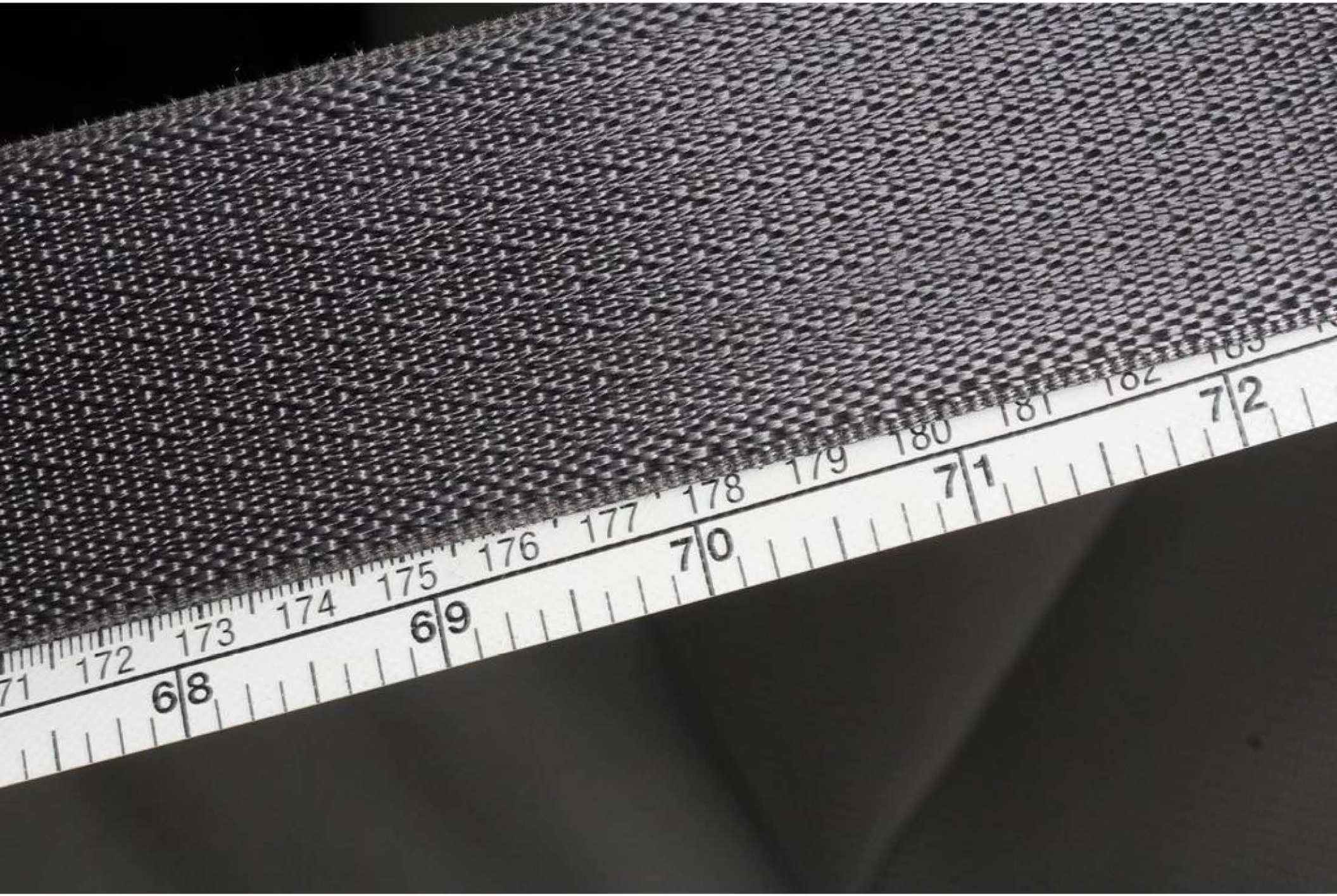
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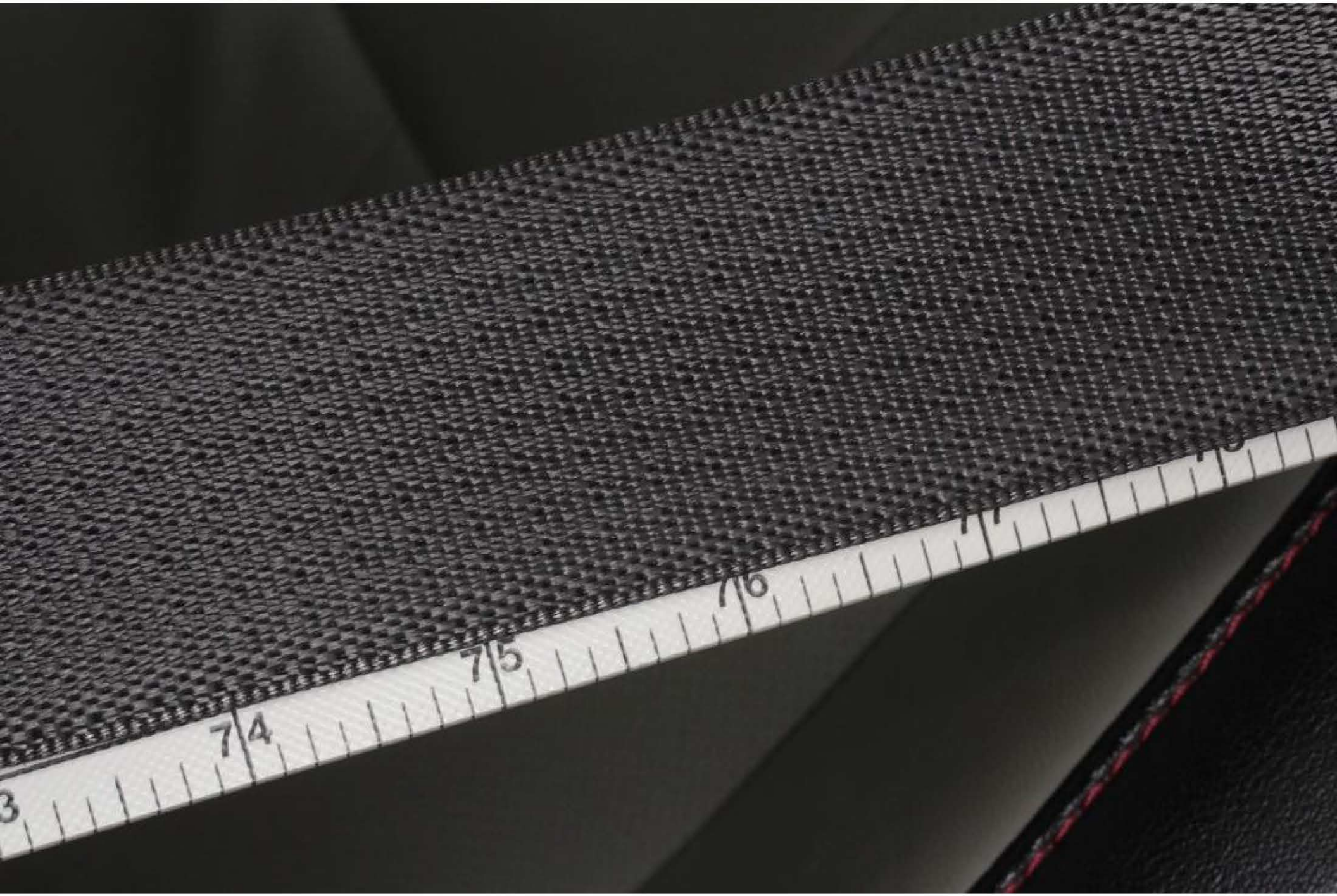
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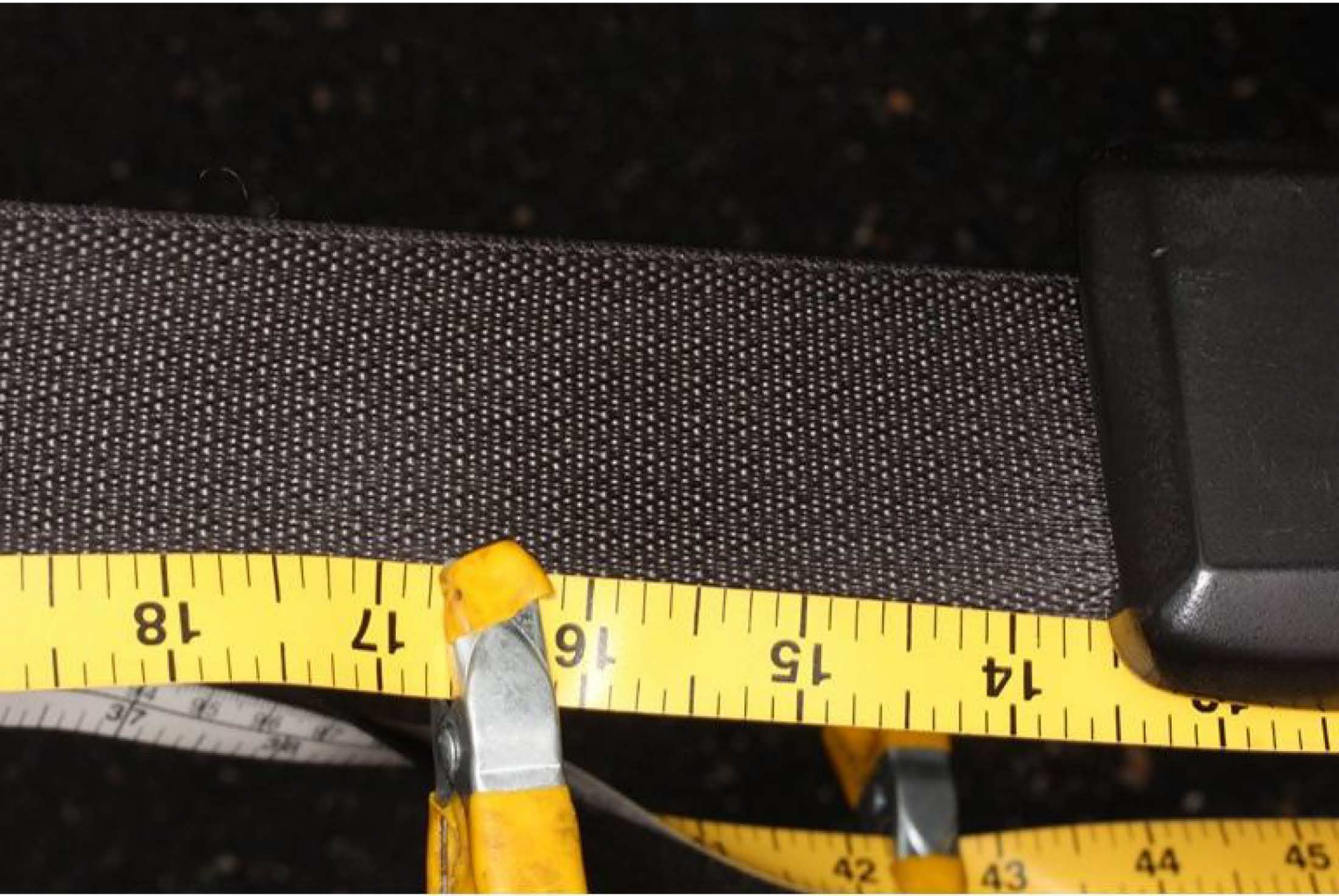
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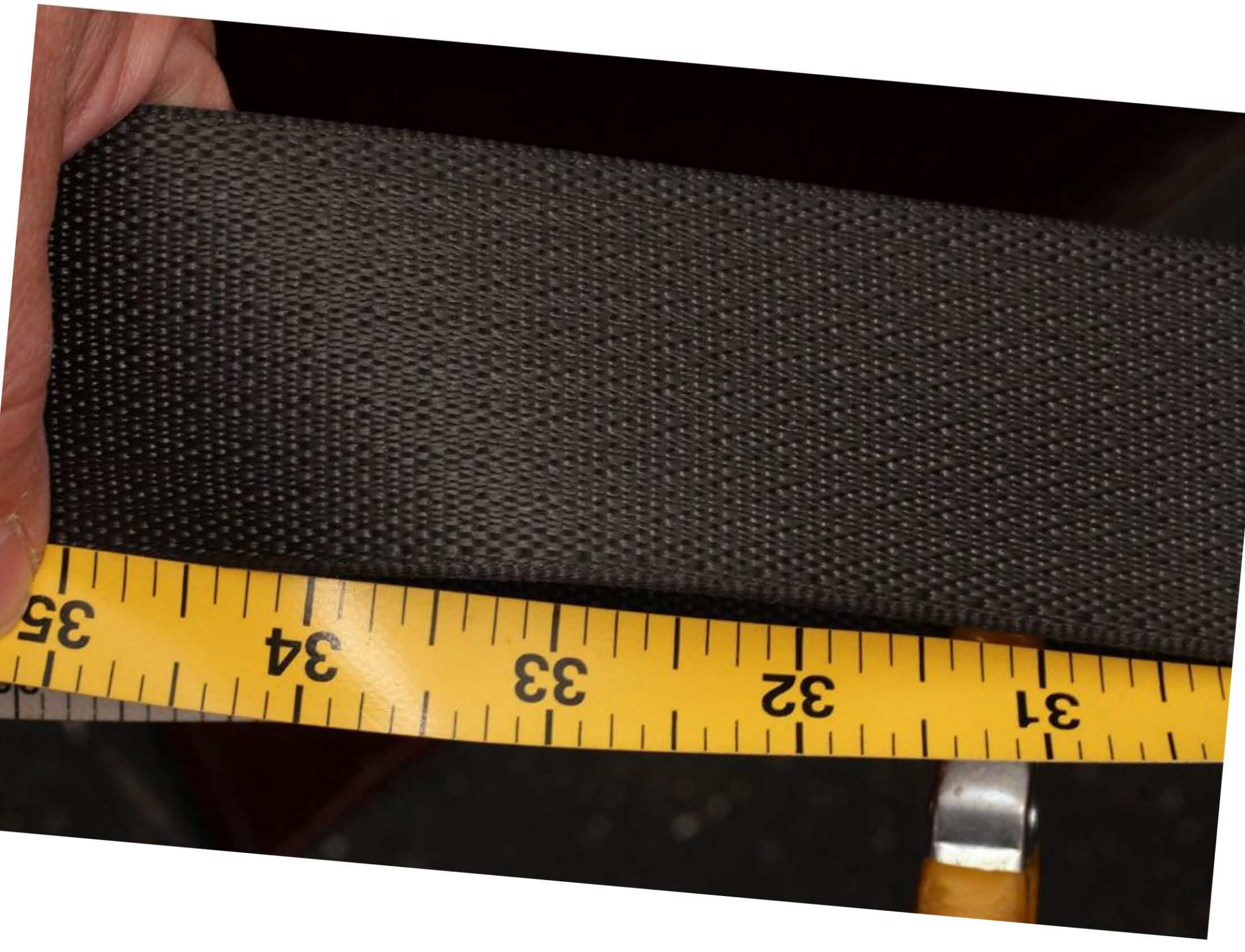
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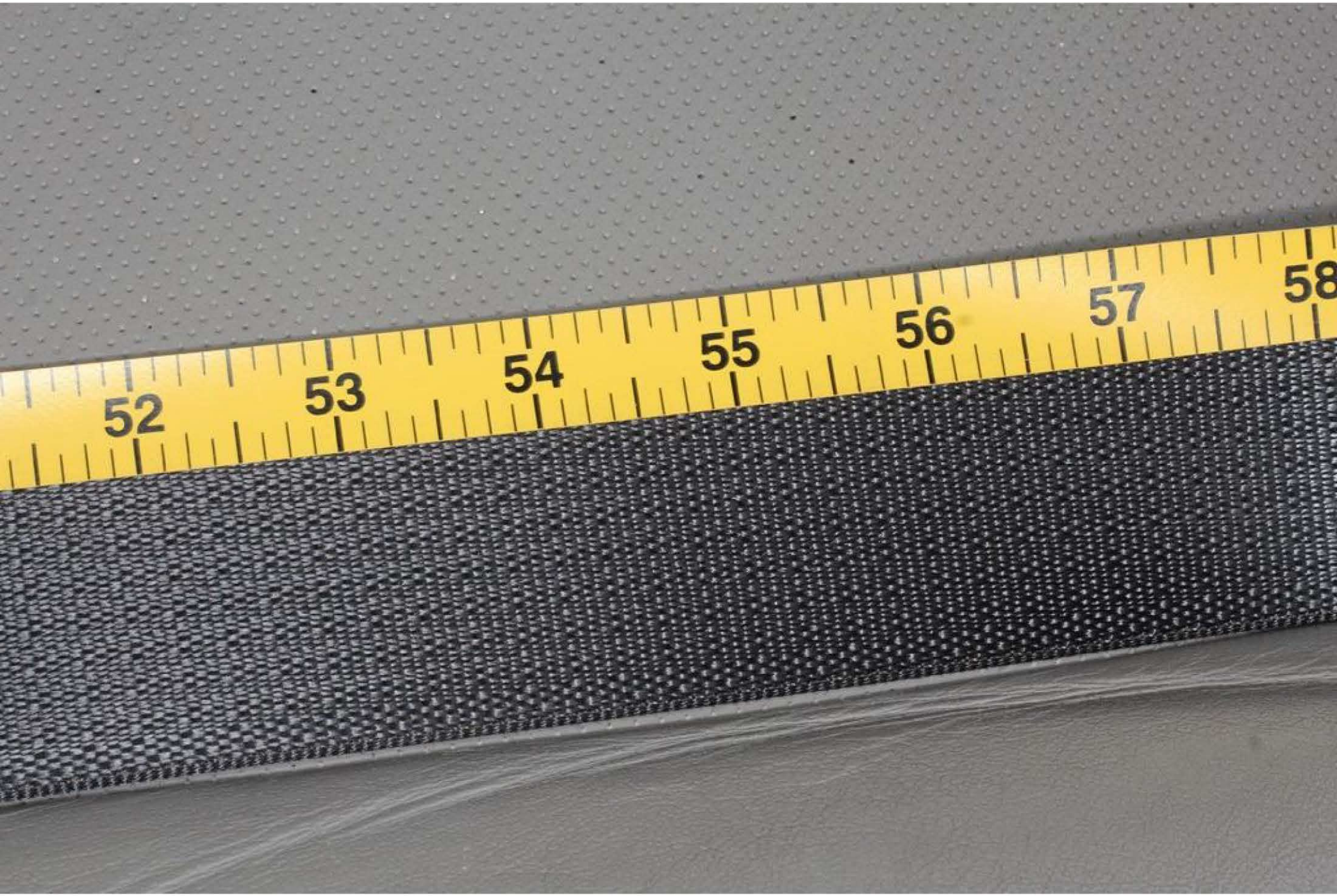
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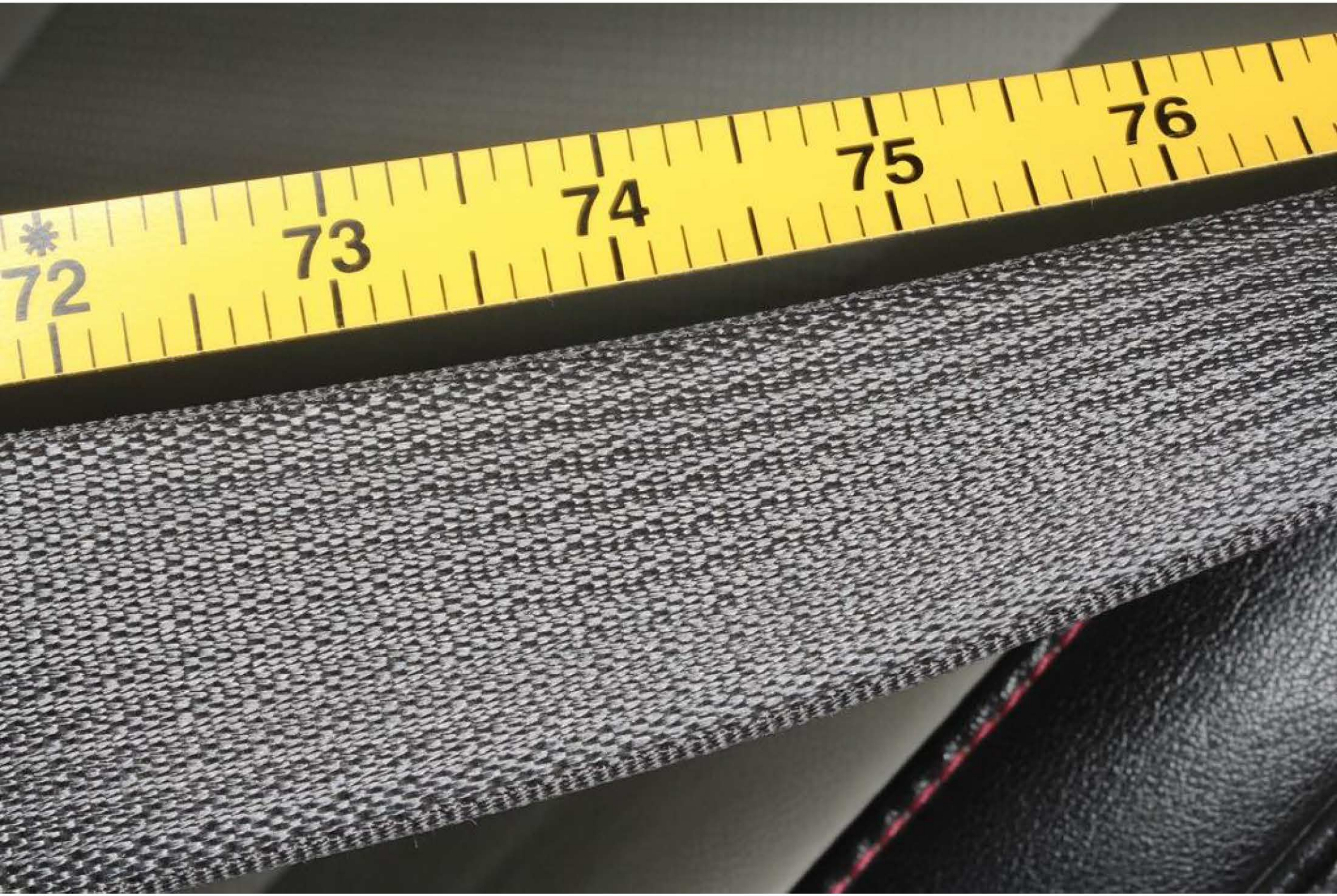
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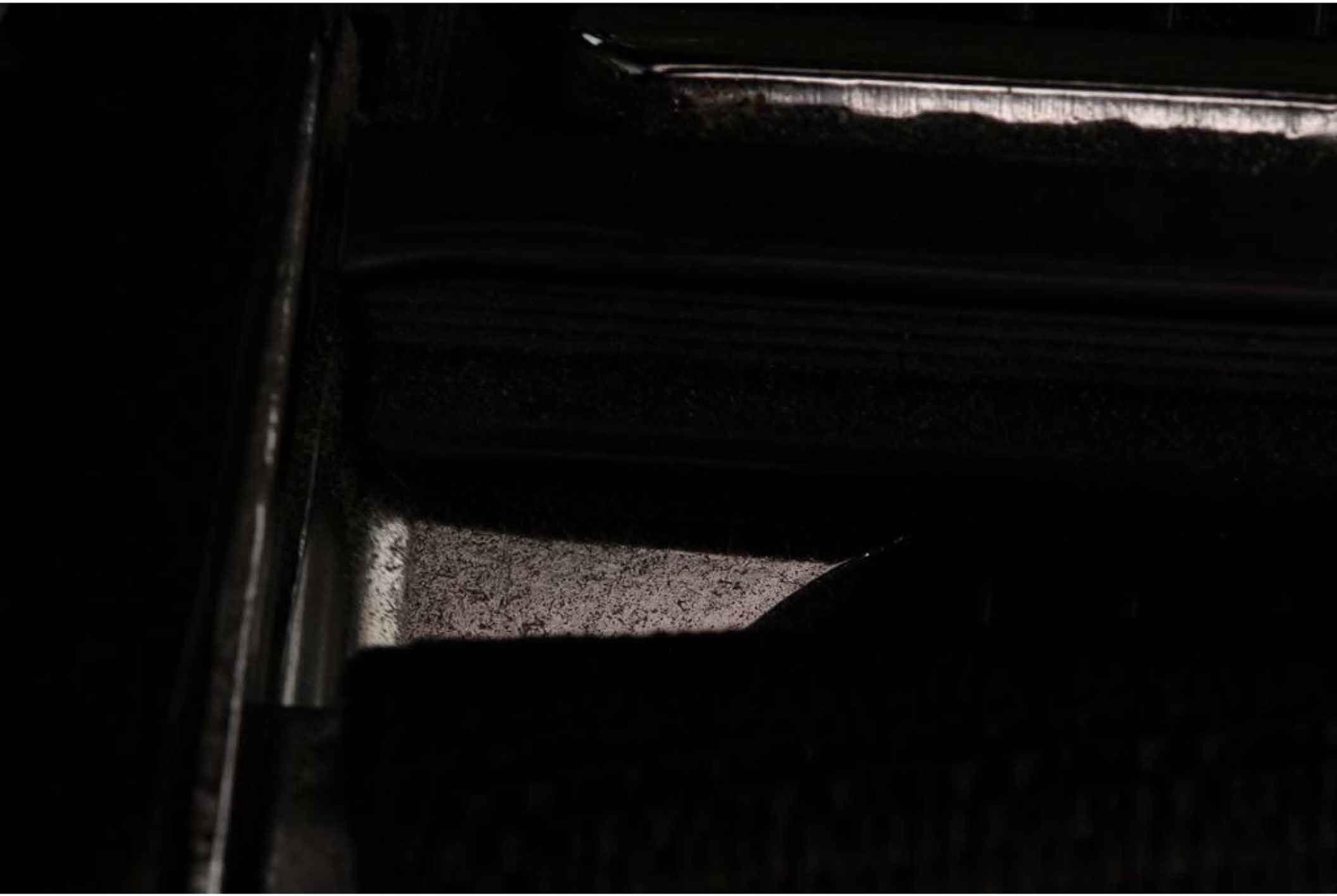



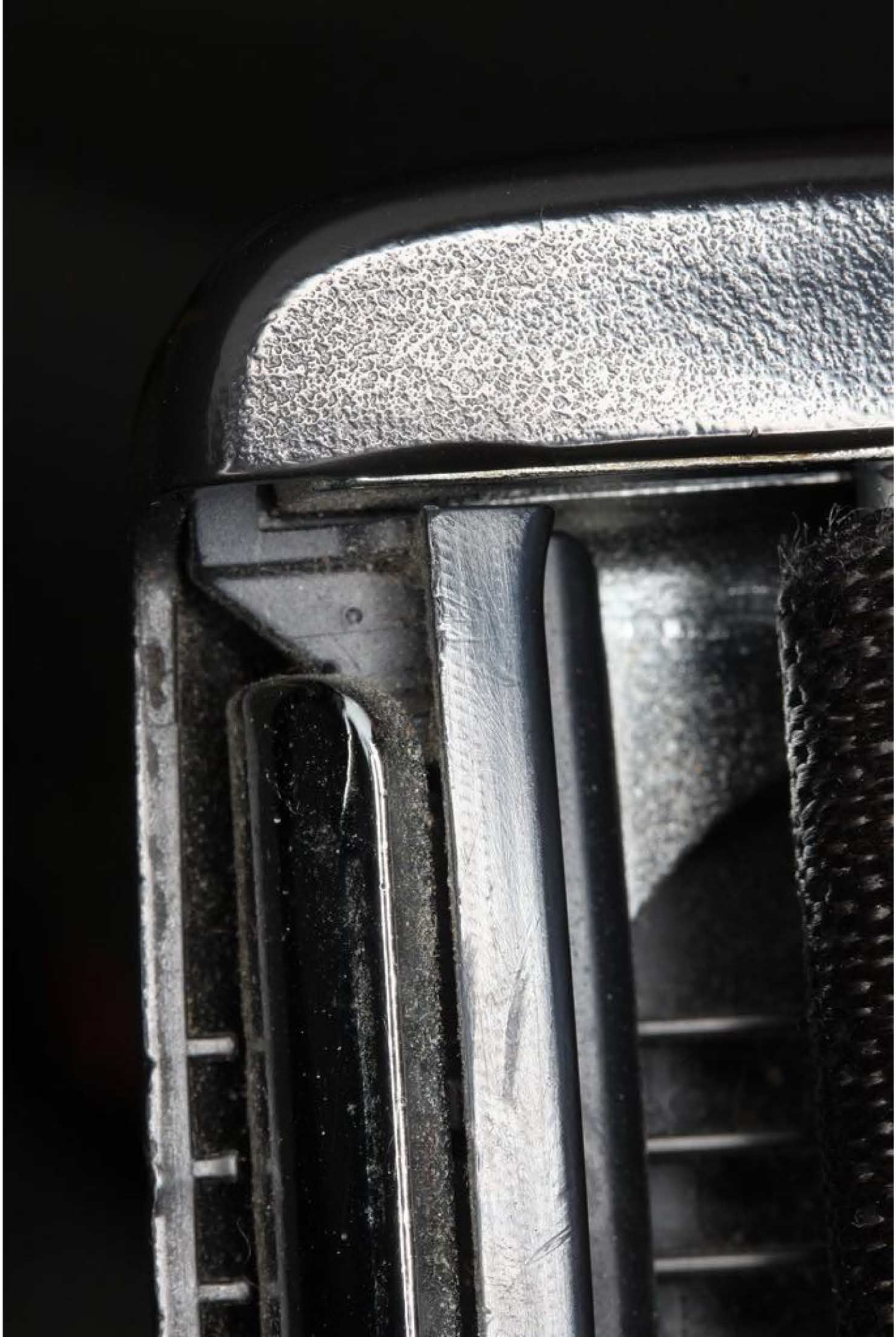







CARSTAR OF ROCKFORD

Auto Body Repair Experts Relax We'll Take it from Here
260 NORTHLAND DR, ROCKFORD, MI 49341
Phone: (616) 866-2640
FAX: (616) 866-2286

Workfile ID: e91d8566
Federal ID:
State ID:
Resale Number:
License Number:

Unrelated Prior Damage

RO Number [redacted]

(Information Only)
Written By: Kyle Townes, M254959
Adjuster: GERVAIS, AMY, (800) 628-0250 x5796799 Business

Insured: [redacted]
Type of Loss: Collision
Point of Impact: 01 Right Front

Policy #: [redacted]
Date of Loss: 10/1/2018 10:00 PM

Claim #: [redacted]
Days to Repair: 10

Owner: [redacted]

Inspection Location:
CARSTAR OF ROCKFORD
260 NORTHLAND DR
ROCKFORD, MI 49341
Repair Facility [redacted]

Insurance Company: [redacted]

VEHICLE

2011 CHEV Equinox LTZ FWD 4D UTV 6-3.0L Gasoline SIDI RED

VIN: 2CNFLFE58B6[redacted]
License: [redacted]
State: MI

Interior Color:
Exterior Color: RED
Production Date:

Mileage In: 135,454
Mileage Out: 135,454
Condition:

Vehicle Out: 10/19/2018
Job #:

TRANSMISSION
Automatic Transmission
Overdrive

POWER
Power Steering
Power Brakes
Power Windows
Power Locks
Power Mirrors
Heated Mirrors
Power Driver Seat
Memory Package

DECOR
Dual Mirrors
Privacy Glass
Console/Storage

Air Conditioning
Intermittent Wipers
Tilt Wheel
Cruise Control
Rear Defogger
Keyless Entry
Alarm
Message Center
Steering Wheel Touch Controls
Rear Window Wiper
Telescopic Wheel
Climate Control
Backup Camera w/Parking Sensors
Remote Starter

RADIO
AM Radio

Stereo
Search/Seek
CD Player
Auxiliary Audio Connection
Premium Radio
Satellite Radio

SAFETY
Drivers Side Air Bag
Passenger Air Bag
Anti-Lock Brakes (4)
4 Wheel Disc Brakes
Traction Control
Stability Control
Front Side Impact Air Bags
Head/Curtain Air Bags
Communications System

ROOF
Luggage/Roof Rack

SEATS
Bucket Seats
Reclining/Lounge Seats
Leather Seats
Heated Seats

WHEELS
Aluminum/Alloy Wheels

PAINT
Clear Coat Paint

OTHER
Fog Lamps

TRUCK
Power Trunk/Gate Release

RO Number: [redacted]

2011 CHEV Equinox LTZ FWD 4D UTV 6-3.0L Gasoline SIDI RED

CONVENIENCE	FM Radio	Hands Free Device

RO Number: [redacted]

2011 CHEV Equinox LTZ FWD 4D UTV 6-3.0L Gasoline SIDI RED

Line		Oper	Description	Part Number	Qty	Extended Price $		Labor	Paint
1	**WINDSHIELD**								
open		Repl	Transmission	84126961	1	92.32	m	1.0	
3	**COWL**								
4		R&I	Cowl grille					0.8	
				SUBTOTALS		**92.32**		**1.8**	**0.0**

ESTIMATE TOTALS

Category	Basis		Rate	Cost $
Parts				92.32
Parts Discount	$ 92.32		-10.0 %	-9.23
Body Labor	1.8 hrs	@	$ 49.00 /hr	88.20
Subtotal				171.29
Sales Tax	$ 83.09	@	6.0000 %	4.99
Grand Total				**176.28**

MyPriceLink Estimate ID / Quote ID:

476737066525270016 / 37049121

RO Number: [redacted]

2011 CHEV Equinox LTZ FWD 4D UTV 6-3.0L Gasoline SIDI RED

Estimate based on MOTOR CRASH ESTIMATING GUIDE and potentially other third party sources of data. Unless otherwise noted, (a) all items are derived from the Guide DR1GV10, CCC Data Date 10/17/2018, and potentially other third party sources of data; and (b) the parts presented are OEM-parts manufactured by the vehicles Original Equipment Manufacturer. OEM parts are available at OE/Vehicle dealerships. OPT OEM (Optional OEM) or ALT OEM (Alternative OEM) parts are OEM parts that may be provided by or through alternate sources other than the OEM vehicle dealerships. OPT OEM or ALT OEM parts may reflect some specific, special, or unique pricing or discount. OPT OEM or ALT OEM parts may include "Blemished" parts provided by OEM's through OEM vehicle dealerships. Asterisk (*) or Double Asterisk (**) indicates that the parts and/or labor data provided by third party sources of data may have been modified or may have come from an alternate data source. Tilde sign (~) items indicate MOTOR Not-Included Labor operations. The symbol (<>) indicates the refinish operation WILL NOT be performed as a separate procedure from the other panels in the estimate. Non-Original Equipment Manufacturer aftermarket parts are described as Non OEM, A/M or NAGS. Used parts are described as LKQ, RCY, or USED. Reconditioned parts are described as Recond. Recored parts are described as Recore. NAGS Part Numbers and Benchmark Prices are provided by National Auto Glass Specifications. Labor operation times listed on the line with the NAGS information are MOTOR suggested labor operation times. NAGS labor operation times are not included. Pound sign (#) items indicate manual entries.

Some 2019 vehicles contain minor changes from the previous year. For those vehicles, prior to receiving updated data from the vehicle manufacturer, labor and parts data from the previous year may be used. The CCC ONE estimator has a list of applicable vehicles. Parts numbers and prices should be confirmed with the local dealership.

The following is a list of additional abbreviations or symbols that may be used to describe work to be done or parts to be repaired or replaced:

SYMBOLS FOLLOWING PART PRICE:
m=MOTOR Mechanical component. s=MOTOR Structural component. T=Miscellaneous Taxed charge category. X=Miscellaneous Non-Taxed charge category.

SYMBOLS FOLLOWING LABOR:
D=Diagnostic labor category. E=Electrical labor category. F=Frame labor category. G=Glass labor category. M=Mechanical labor category. S=Structural labor category. (numbers) 1 through 4=User Defined Labor Categories.

OTHER SYMBOLS AND ABBREVIATIONS:
Adj.=Adjacent. Algn.=Align. ALU=Aluminum. A/M=Aftermarket part. Blnd=Blend. BOR=Boron steel. CAPA=Certified Automotive Parts Association. D&R=Disconnect and Reconnect. HSS=High Strength Steel. HYD=Hydroformed Steel. Incl.=Included. LKQ=Like Kind and Quality. LT=Left. MAG=Magnesium. Non-Adj.=Non Adjacent. NSF=NSF International Certified Part. O/H=Overhaul. Qty=Quantity. Refn=Refinish. Repl=Replace. R&I=Remove and Install. R&R=Remove and Replace. Rpr=Repair. RT=Right. SAS=Sandwiched Steel. Sect=Section. Subl=Sublet. UHS=Ultra High Strength Steel. N=Note(s) associated with the estimate line.

CCC ONE Estimating - A product of CCC Information Services Inc.

The following is a list of abbreviations that may be used in CCC ONE Estimating that are not part of the MOTOR CRASH ESTIMATING GUIDE:
BAR=Bureau of Automotive Repair. EPA=Environmental Protection Agency. NHTSA= National Highway Transportation and Safety Administration. PDR=Paintless Dent Repair. VIN=Vehicle Identification Number.

CARSTAR OF ROCKFORD
260 NORTHLAND DR
ROCKFORD, MI 49341

SALE

MID: 6295 Store: 0001 Term: 0001
REF#: [redacted]
Batch #: 025 RRN [redacted]
10/19/18 16:02:37
Trans ID [redacted]
APPR CODE: [redacted]
VISA Chip
******[redacted] **/**

AMOUNT $500.00

APPROVED

CHASE VISA
AID: A0000000031010
TVR: 00 80 00 80 00
TSI: F8 00

CUSTOMER COPY

STAR
ly Repair Experts

CARSTAR'S Quality Collision Service

LIMITED FIVE YEAR NATIONWIDE WARRANTY AND LIMITED LIFETIME WARRANTY

by solely and exclusively warrants, as provided below, the workmanship performed by this store w as meeting or exceeding industry standards under normal use. This warranty is not transferable, sed only by the party owning the vehicle at the time the repairs were performed, and lasts for as long n the vehicle. This warranty is for the specific itemized repair provided by this store and covers labor anty does not cover parts. Related parts may be covered by specific warranties given by the original

d by this store on the vehicle becomes defective under normal use, this store will, without charge any workmanship which proves to be defective. Such repair of the defective workmanship e within a reasonable period of time after delivery of the vehicle to this store. If the vehicle owner of this store and the defective workmanship is reported within five years after the date the repairs iles after the repairs were completed, whichever comes first, this store will pay another CARSTAR warranty. **WARRANTY REPAIRS MUST BE PERFORMED BY A CARSTAR STORE. ELSEWHERE WITHOUT PRIOR APPROVAL DO NOT QUALIFY FOR** ough most new original equipment parts carry a separate warranty by the original manufacturer, ble for payment for any parts not covered by such separate warranty.

from this warranty:

1. Defects resulting from misuse, negligence, lack of proper maintenance, subsequent damage, modifications, accident, fire or other casualties, or any repairs not done by this store.
2. Normal wear and element exposure.
3. Rust or rust repairs.
4. Defects, damage or deterioration caused by extreme environmental conditions.
5. Repair and/or replacement of tires, batteries, mechanical parts, electrical parts, wiper blades, oils, lubricants and air conditioning recharge, although these may have a warranty from the specific manufacturer.
6. Alignment after 90 days.
7. The following portion of a repair: _____

Except for any other written warranties or specific written exclusions issued by this store applicable to this vehicle, no other express warranty is provided or authorized. To the maximum extent permitted by law, this store disclaims any implied warranty, including any warranties of merchantability and fitness for a particular purpose. To the maximum extent permitted by law, this store shall not be liable under this express warranty for loss of use of vehicle, loss of time, inconvenience, towing, lodging, loss of business or any other incidental or consequential damages.

Some states do not allow disclaimers of implied warranties or the exclusion or limitation of incidental or consequential damages so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In order to obtain service under this warranty, bring the vehicle, this warranty certificate, a copy of the repair invoice, and a written explanation of your concern to this store. If you live beyond a 50 mile radius of this store and the defective workmanship is discovered within five years after the date the repairs were completed or 50,000 miles after the repairs were completed, whichever comes first, you should contact CARSTAR national headquarters at 1-800-CARSTAR for the CARSTAR store nearest you. If you need to obtain warranty service, or if a servicing problem occurs, please feel free to discuss it with the management of this store. If this action does not prove satisfactory, you may also contact CARSTAR nation headquarters at 1-800-CARSTAR.

This store is independently owned and operated and is proudly and solely responsible for the workmanship and warranty for the specific repairs provided this vehicle. CARSTAR Franchise Systems Inc., the franchiser of this store, has no liability or responsibility under this warranty.

Customer Name [redacted] **Phone No.** [redacted]

Address [redacted] **City** [redacted] **State** MI **Zip** [redacted]

Year 2011 **Car Make/Type of Vehicle** CHEV Equinox LTZ FWD **Mileage** 135454

VIN# 2CNFLFE58B6[redacted] **Amount of Sale** $ 5,742.72 **Delivery Date** 10/19/2018

Authorized Signature [redacted] **Repair Order No** [redacted]

CARSTAR OF ROCKFORD

Auto Body Repair Experts Relax We'll Take it from Here

260 NORTHLAND DR, ROCKFORD, MI 49341
Phone: (616) 866-2640
FAX: (616) 866-2286

Workfile ID:
Federal ID:
Resale Number:
License Number:

[redacted]

Final Bill

RO Number: [redacted]

Customer:
[redacted]

Insurance: THE CITIZENS INSURANCE CO
Adjuster: AMY GERVAIS
Phone: (800) 628-0250 x5796799 Business
Claim: [redacted]
Loss Date: 10/1/2018
Deductible: 500.00

Estimator: Kyle Townes
Create Date: 10/2/2018

2011 CHEV Equinox LTZ FWD 4D UTV 6-3.0L Gasoline SIDI RED

VIN: 2CNFLFE58B6[redacted]
License: [redacted]
State: MI
Interior Color:
Exterior Color: RED
Production Date:
Mileage In: 135,454
Mileage Out:
Condition:
Vehicle Out: 10/19/2018
Job #:

Line	Ver	Operation	Description	Qty	Extended Price $	Part Type	Labor	Type	Paint
1	E01		NON DRIVE VEHICLE 10 DAY REAPIR						
2	E01		**FRONT BUMPER & GRILLE**						
3	E01	Remove/Replace	RT Side retainer	1	12.00T	A/M	0.0	Body	
4	E01	Remove/Replace	O/H front bumper				3.1	Body	
5	E01	Remove/Replace	Bumper cover	1	377.00T	A/M	0.0	Body	3.0
6	E01		Add for Clear Coat						1.2
7	E01	Remove/Replace	Add for fog lamps				0.4	Body	
8	E01	Remove/Install	Lower cover w/o chrome pkg				0.0	Body	
9	E01	Remove/Install	Emblem				0.0	Body	
10	E01	Remove/Replace	CLEAN RETAPE				0.2	Body	
11	E01	Remove/Install	RT Fog lamp bezel				0.0	Body	
12	E01	Remove/Install	LT Fog lamp bezel				0.0	Body	
13	E01	Remove/Replace	Grille 4DR,LT LT, UPPER STC	1	113.00T	Used	0.0	Body	
14	E01	Remove/Replace	Cover support	1	111.00T	A/M	0.0	Body	
15	E01	Remove/Replace	Lower grille	1	205.00T	A/M	0.0	Body	
16	E01		**FRONT LAMPS**						
17	E01	Remove/Replace	RT Headlamp assy LTZ	1	258.33T	A/M	0.0	Body	
18	E01	Remove/Replace	Aim headlamps				0.5	Body	
19	E01	Remove/Replace	RT Headlamp assy support bracket	1	19.47T	OEM	0.0	Body	
20	E01	Remove/Replace	RT Headlamp assy retainer nut	1	3.70T	OEM			
21	E01	Remove/Install	RT Fog lamp assy				0.0	Body	
22	E01	Remove/Install	LT Fog lamp assy				0.0	Body	

T = Taxable Item, RPD = Related Prior Damage, AA = Appearance Allowance, UPD = Unrelated Prior Damage, PDR = Paintless Dent Repair, A/M = Aftermarket, Rechr = Rechromed, Reman = Remanufactured, OEM = New Original Equipment Manufacturer, Recor = Re-cored, RECOND = Reconditioned, LKQ = Like Kind Quality or Used, Diag = Diagnostic, Elec = Electrical, Mech = Mechanical, Ref = Refinish, Struc = Structural

RO Number: [redacted]

2011 CHEV Equinox LTZ FWD 4D UTV 6-3.0L Gasoline SIDI RED

23	E01		**RADIATOR SUPPORT**						
24	E01		Refinish Components						1.5
25	E01		Add for Clear Coat						0.3
26	E01	Remove/Replace	Radiator support	1	250.00T	Opt OEM	4.0	Body	0.0
27	E01		Evacuate & recharge						
28	E01		Refrigerant recovery						
29	E01	Remove/Replace	RT Outer brace	1	52.07T	OEM	1.0	Body	0.0
30	E01		**COOLING**						
31	E01	Remove/Replace	Upper deflector	1	62.00T	A/M	0.2	Body	
32	E01		**HOOD**						
33	S01	Remove/Replace	RT Upper hinge	1	60.28T	OEM	0.3	Body	0.2
34	S01		Add for Clear Coat						0.1
35	E01	Remove/Replace	Hood	1	550.00T	Opt OEM	1.7	Body	2.8
36	E01		Add for Clear Coat						1.1
37	E01		Add for Underside(Complete)						1.4
38	E01		Add for Clear Coat						0.3
39	S01	Remove/Replace	RT Lower hinge	1	58.17T	OEM	0.0	Body	0.2
40	S01		Add for Clear Coat						0.1
41	E01		**FENDER**						
42	E01	Remove/Replace	RT Fender	1	235.00T	Opt OEM	1.7	Body	2.2
43	E01		Overlap Major Adj. Panel						(0.4)
44	E01		Add for Clear Coat						0.4
45	E01		Add for Edging						0.5
46	E01		Add for Clear Coat						0.1
47	E01	Remove/Replace	RT Cover panel	1	39.00T	A/M	0.0	Body	
48	E01	Remove/Replace	RT Fender liner	1	61.00T	OEM	0.0	Body	
49	E01	Remove/Replace	RT Upper rail	1	184.63T	OEM	3.5	Body	0.5
50	E01		Overlap Minor Panel						(0.2)
51	E01	Remove/Replace	Deduct for Overlap				(1.0)	Body	
52	E01	Repair	RT Front panel				2.0	Body	0.4
53	E01		Add for Clear Coat						0.1
54	E01		**ENGINE / TRANSAXLE**						
55	E01	Remove/Replace	Intake duct	1	90.58T	OEM	0.3	Body	
56	E01	Remove/Install	R&I air cleaner assy				0.0	Body	
57	E01		**WINDSHIELD**						
58	E01	Sublet	Windshield plus kit	1	237.41T	Glass			
59	E01	Sublet	Windshield Labor	1	108.00	Other			
60	E01		**COWL**						
61	E01	Remove/Replace	RT Side extn	1	18.90T	OEM			
62	E01		**RESTRAINT SYSTEMS**						
63	E01	Remove/Install	RT Ft impact sensor				0.2	Body	
64	E01		**PILLARS, ROCKER & FLOOR**						

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RO Number: [redacted]

2011 CHEV Equinox LTZ FWD 4D UTV 6-3.0L Gasoline SIDI RED

65	E01	Repair	RT Uniside panel				0.5	Body	1.2
66	E01		Overlap Major Adj. Panel						(0.4)
67	E01		Add for Clear Coat						0.2
68	E01		**FRONT DOOR**						
69	E01	Sublet	HAZARDOUS WASTE REMOVAL	1	3.00	Other			
70	E01	Repair	RT Outer panel-PARTIAL PAINT FULL CC				1.5	Body	1.9
71	E01		Overlap Major Adj. Panel						(0.4)
72	E01		Add for Clear Coat						0.3
73	E01	Remove/Install	RT Belt w'strip 1st design				0.3	Body	
74	E01	Remove/Install	RT Lower molding				0.2	Body	
75	E01	Remove/Install	RT Mirror assy black				0.3	Body	
76	E01	Remove/Install	RT Handle, outside primed				0.3	Body	
77	E01	Remove/Install	RT R&I trim panel				0.4	Body	
78	E01	Remove/Replace	COVER CAR	1	5.00T	Other	0.2	Body	
79	E01	Repair	DISCONNECT & RECONNECT BATTERY				0.2	Body	
80	E01	Refinish	CORROSION PROTECTION 2ND PANEL						0.2

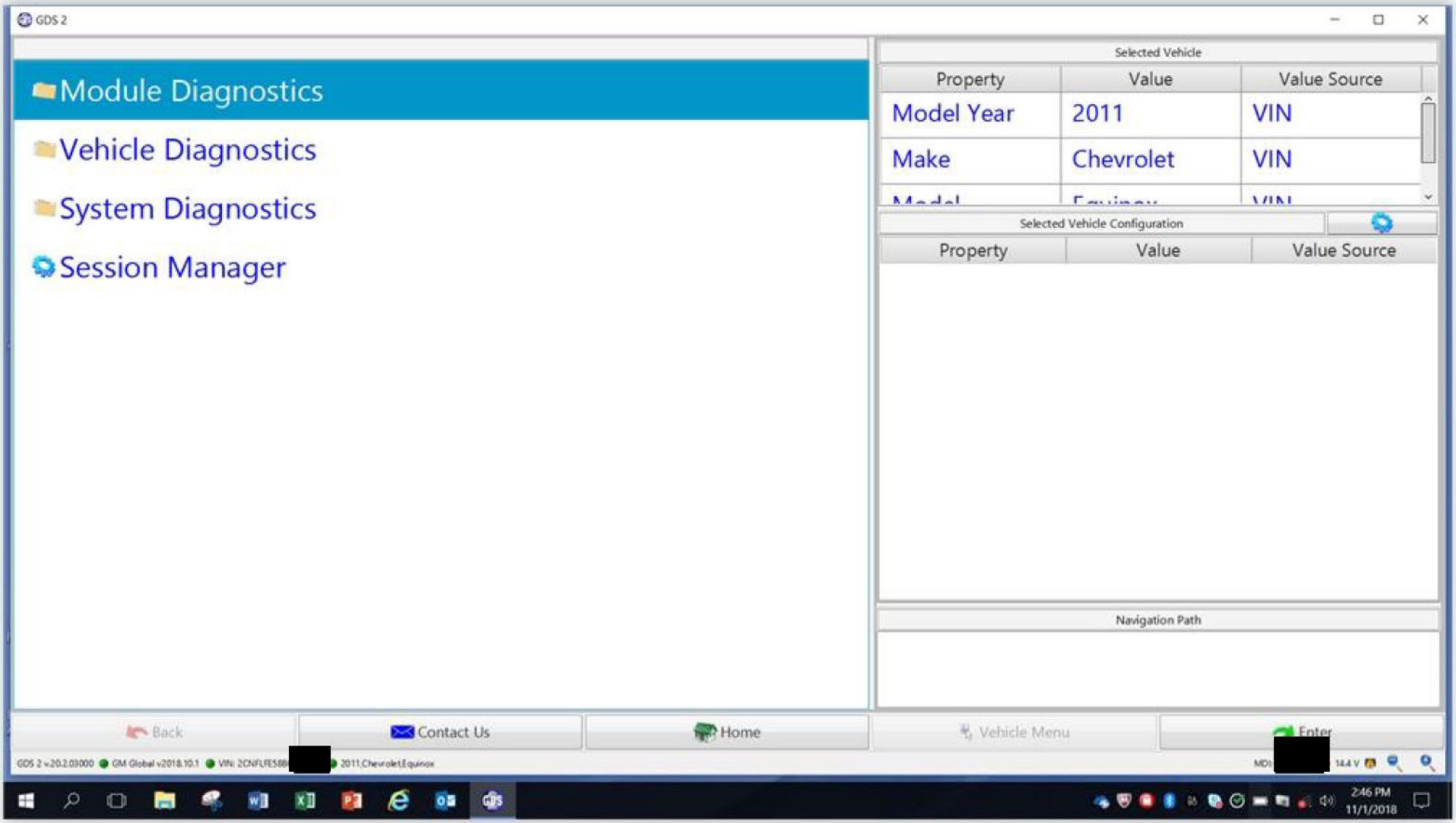
Estimate Totals	**Discount $**	**Markup $**	**Rate $**	**Total Hours**	**Total $**
Parts	(54.88)	28.25			2,739.50
Sublet/Miscellaneous					348.41
Labor, Body			49.00	22.0	1,078.00
Labor, Refinish			49.00	18.8	921.20
Material, Paint					450.00
Subtotal					**5,537.11**
Sales Tax					205.61
Grand Total					**5,742.72**
Deductible					(500.00)
Net Total					**5,242.72**

Estimate Version	**Total $**
Original	5,585.62
Supplement S01	157.10

Insurance Total $:	5,242.72
Received from Insurance $:	0.00
Balance due from Insurance $:	5,242.72
Customer Total $:	500.00
Received from Customer $:	0.00
Balance due from Customer $:	500.00

Michigan vehicle registration number [redacted]

T = Taxable Item, RPD = Related Prior Damage, AA = Appearance Allowance, UPD = Unrelated Prior Damage, PDR = Paintless Dent Repair, A/M = Aftermarket, Rechr = Rechromed, Reman = Remanufactured, OEM = New Original Equipment Manufacturer, Recor = Re-cored, RECOND = Reconditioned, LKQ = Like Kind Quality or Used, Diag = Diagnostic, Elec = Electrical, Mech = Mechanical, Ref = Refinish, Struc = Structural


GDS 2
Module Diagnostics
Vehicle Diagnostics
System Diagnostics
Session Manager
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
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Value Source
Navigation Path
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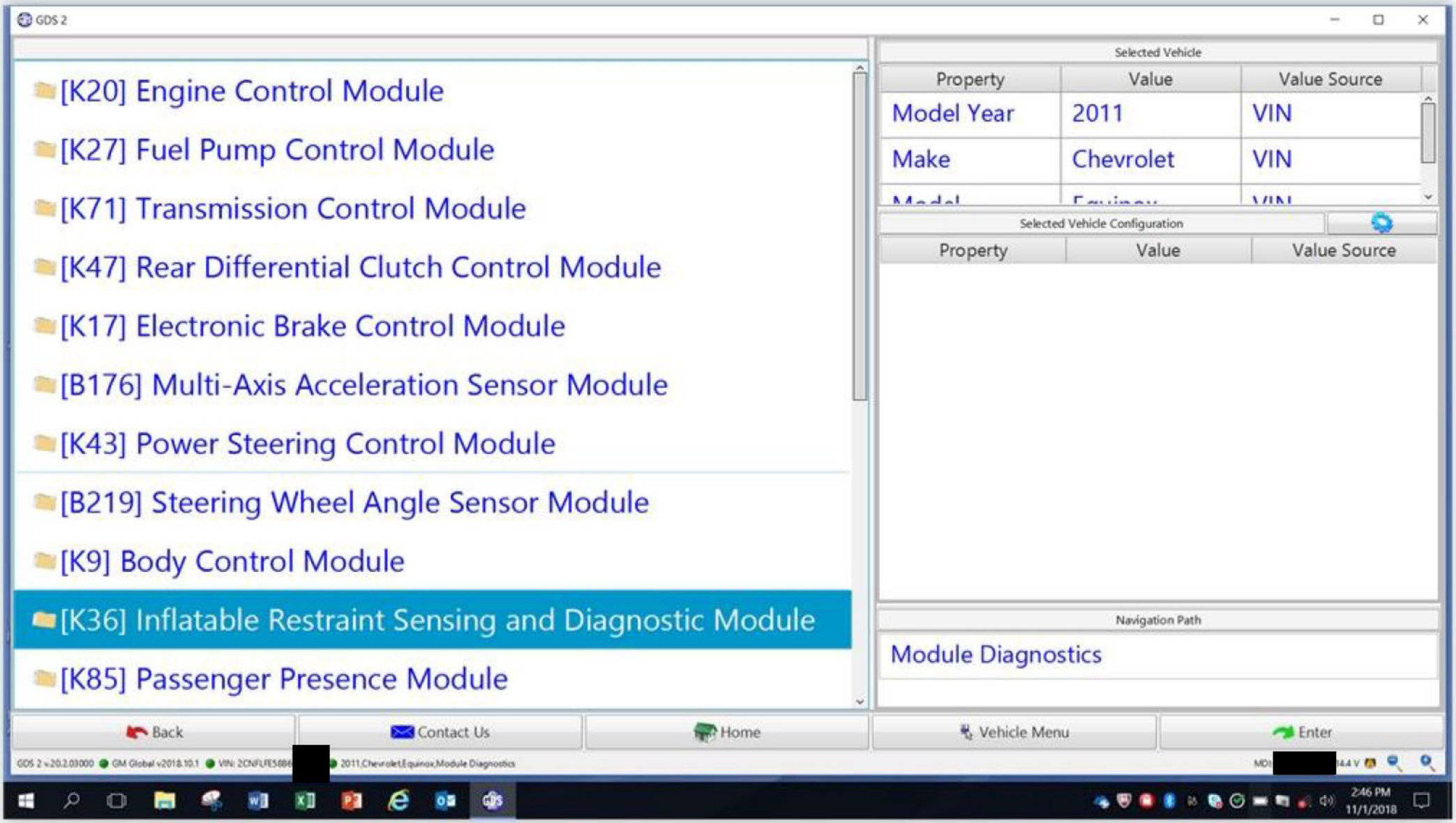
Enter
2:46 PM
11/1/2018


GDS 2
[K20] Engine Control Module
[K27] Fuel Pump Control Module
[K71] Transmission Control Module
[K47] Rear Differential Clutch Control Module
[K17] Electronic Brake Control Module
[B176] Multi-Axis Acceleration Sensor Module
[K43] Power Steering Control Module
[B219] Steering Wheel Angle Sensor Module
[K9] Body Control Module
[K36] Inflatable Restraint Sensing and Diagnostic Module
[K85] Passenger Presence Module
Selected Vehicle
Property
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Value Source
Model Year
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VIN
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Chevrolet
VIN
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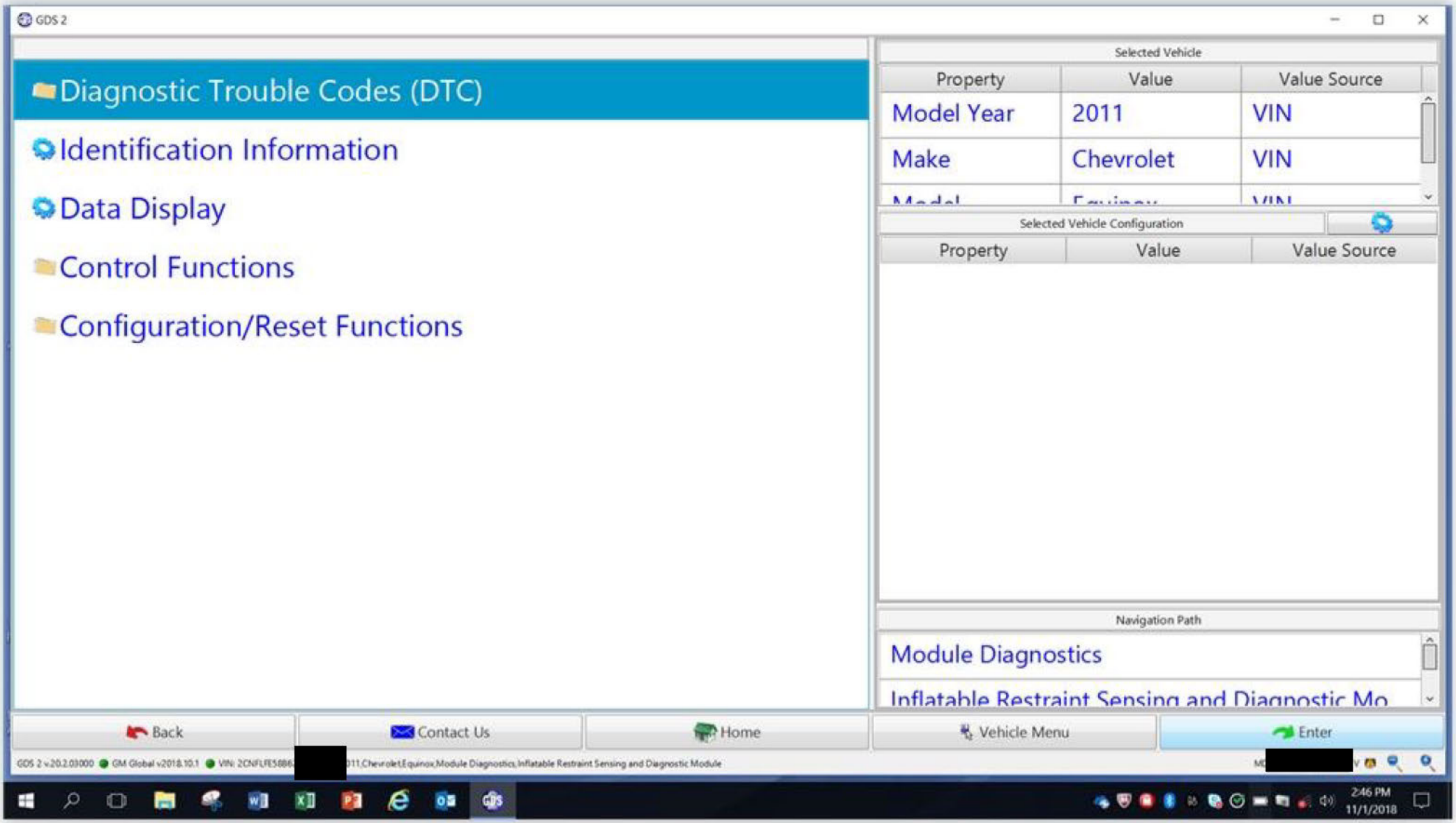
GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
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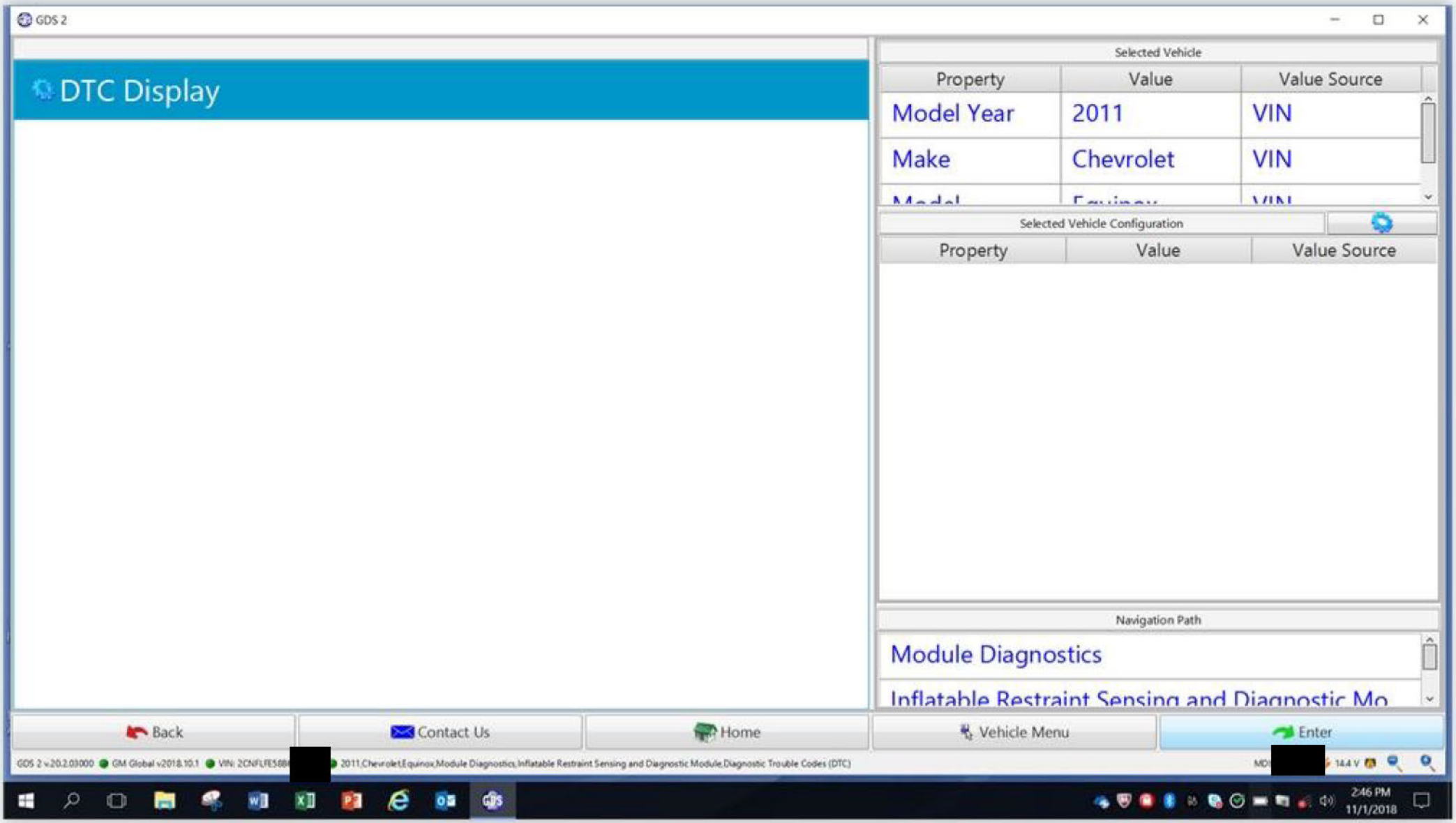
GDS 2
DTC Display
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
Module Diagnostics
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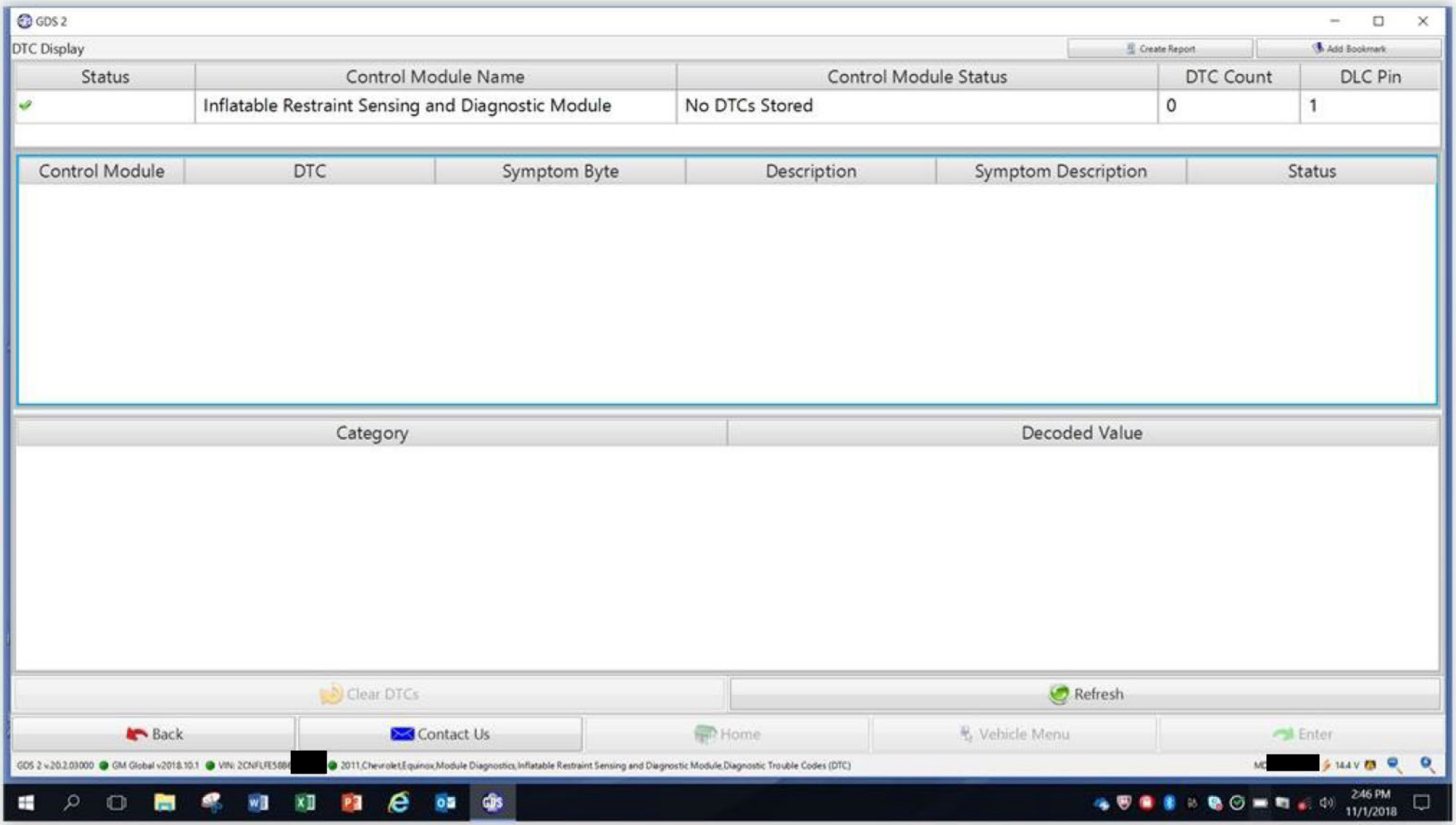
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module,Diagnostic Trouble Codes (DTC)
2:46 PM
11/1/2018


GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Inflatable Restraint Sensing and Diagnostic Module
No DTCs Stored
0
1
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
Back
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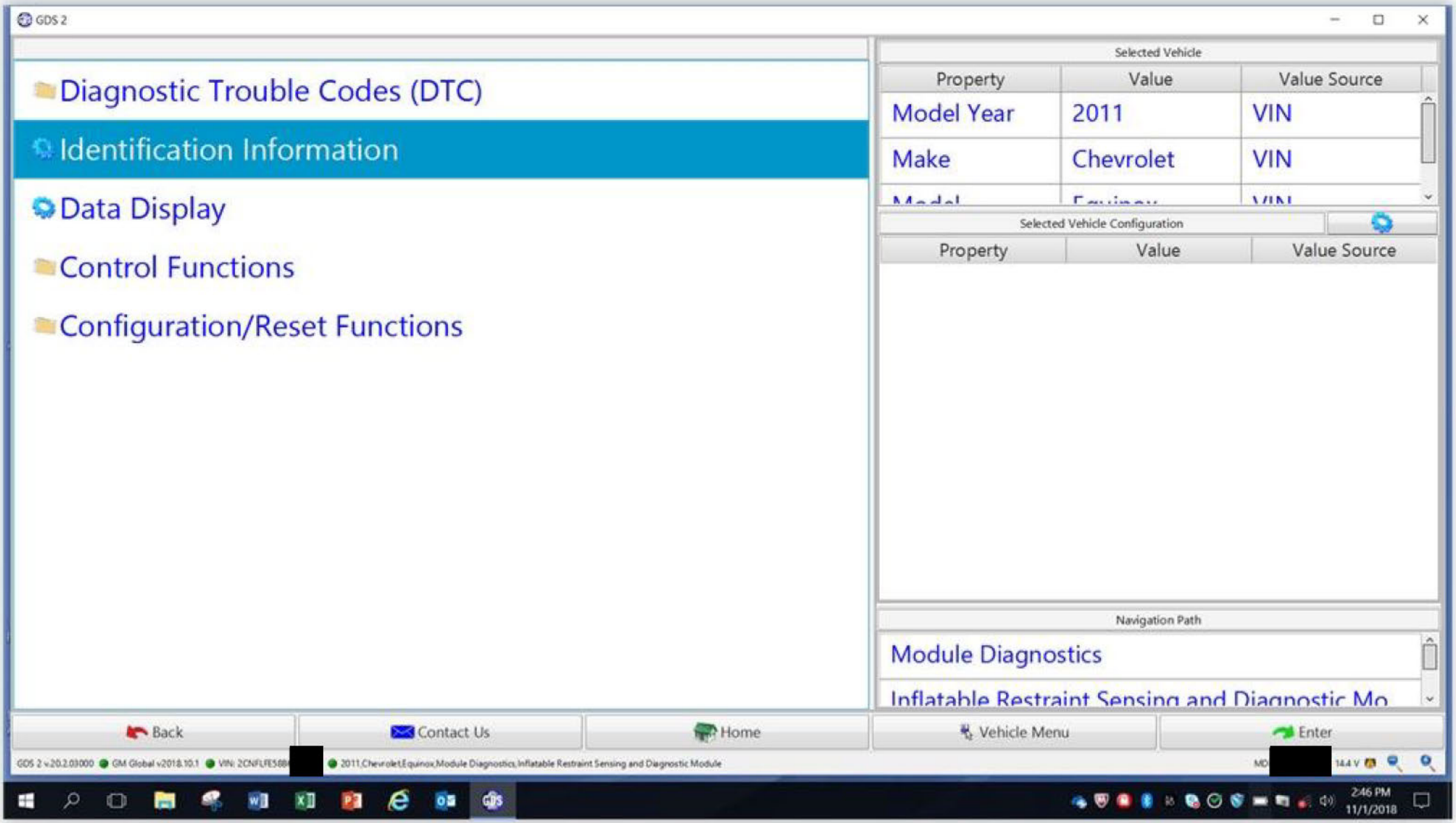
Vehicle Menu
Enter
GDS 2 v.20.2.03000
GM Global v2018.10.1
VIN: 2CNFLFE58B[redacted]
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module,Diagnostic Trouble Codes (DTC)
MC[redacted]
14.4 V
2:46 PM
11/1/2018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Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
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Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
Module Diagnostics
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Vehicle Menu
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
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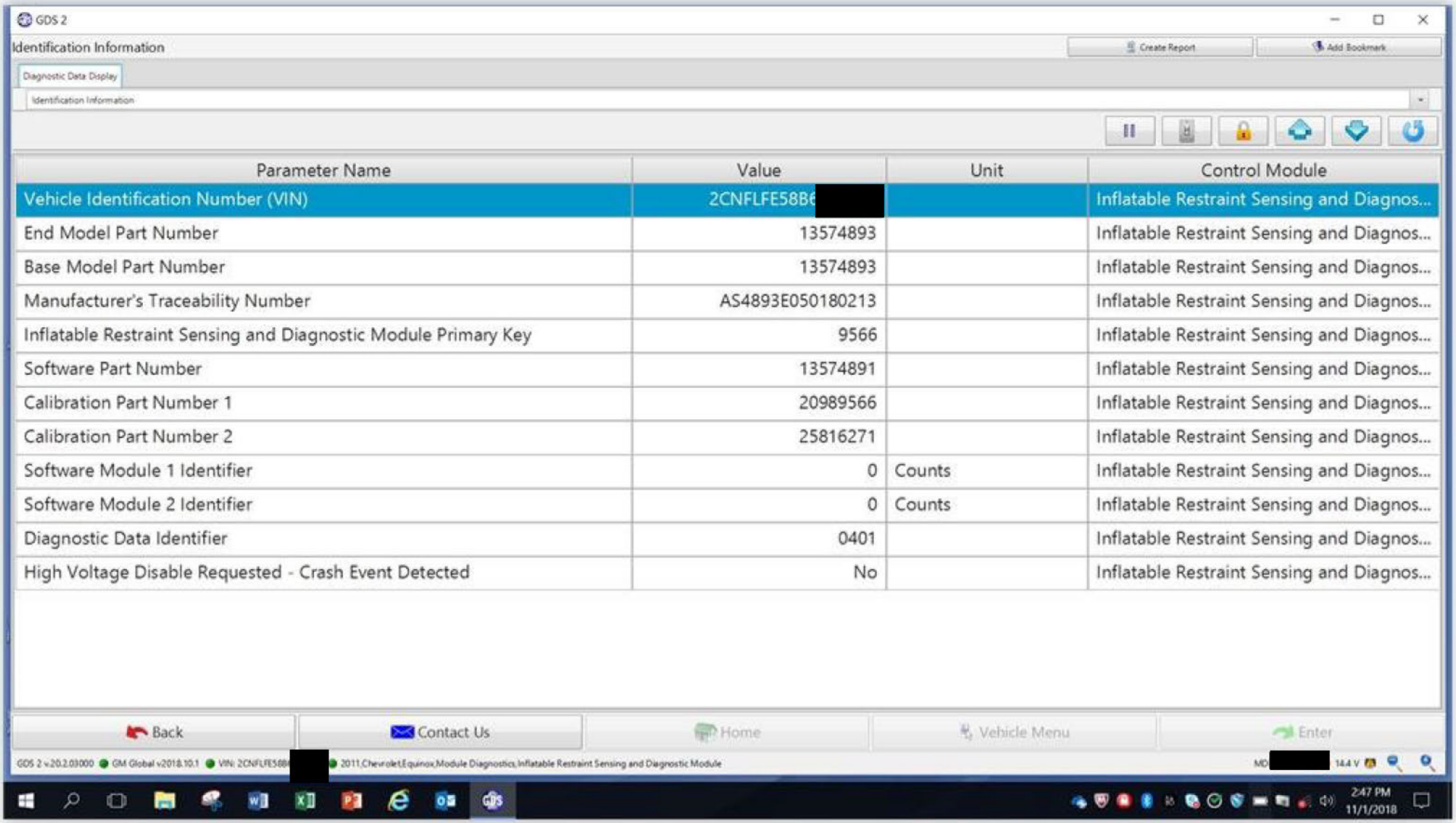
GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Vehicle Identification Number (VIN)
2CNFLFE58B6
Inflatable Restraint Sensing and Diagnos...
End Model Part Number
13574893
Inflatable Restraint Sensing and Diagnos...
Base Model Part Number
13574893
Inflatable Restraint Sensing and Diagnos...
Manufacturer's Traceability Number
AS4893E050180213
Inflatable Restraint Sensing and Diagnos...
Inflatable Restraint Sensing and Diagnostic Module Primary Key
9566
Inflatable Restraint Sensing and Diagnos...
Software Part Number
13574891
Inflatable Restraint Sensing and Diagnos...
Calibration Part Number 1
20989566
Inflatable Restraint Sensing and Diagnos...
Calibration Part Number 2
25816271
Inflatable Restraint Sensing and Diagnos...
Software Module 1 Identifier
0
Counts
Inflatable Restraint Sensing and Diagnos...
Software Module 2 Identifier
0
Counts
Inflatable Restraint Sensing and Diagnos...
Diagnostic Data Identifier
0401
Inflatable Restraint Sensing and Diagnos...
High Voltage Disable Requested - Crash Event Detected
No
Inflatable Restraint Sensing and Diagnos...
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GDS 2 v.20.2.03000
GM Global v2018.10.1
VIN: 2CNFLFE58B
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
MD
14.4 V
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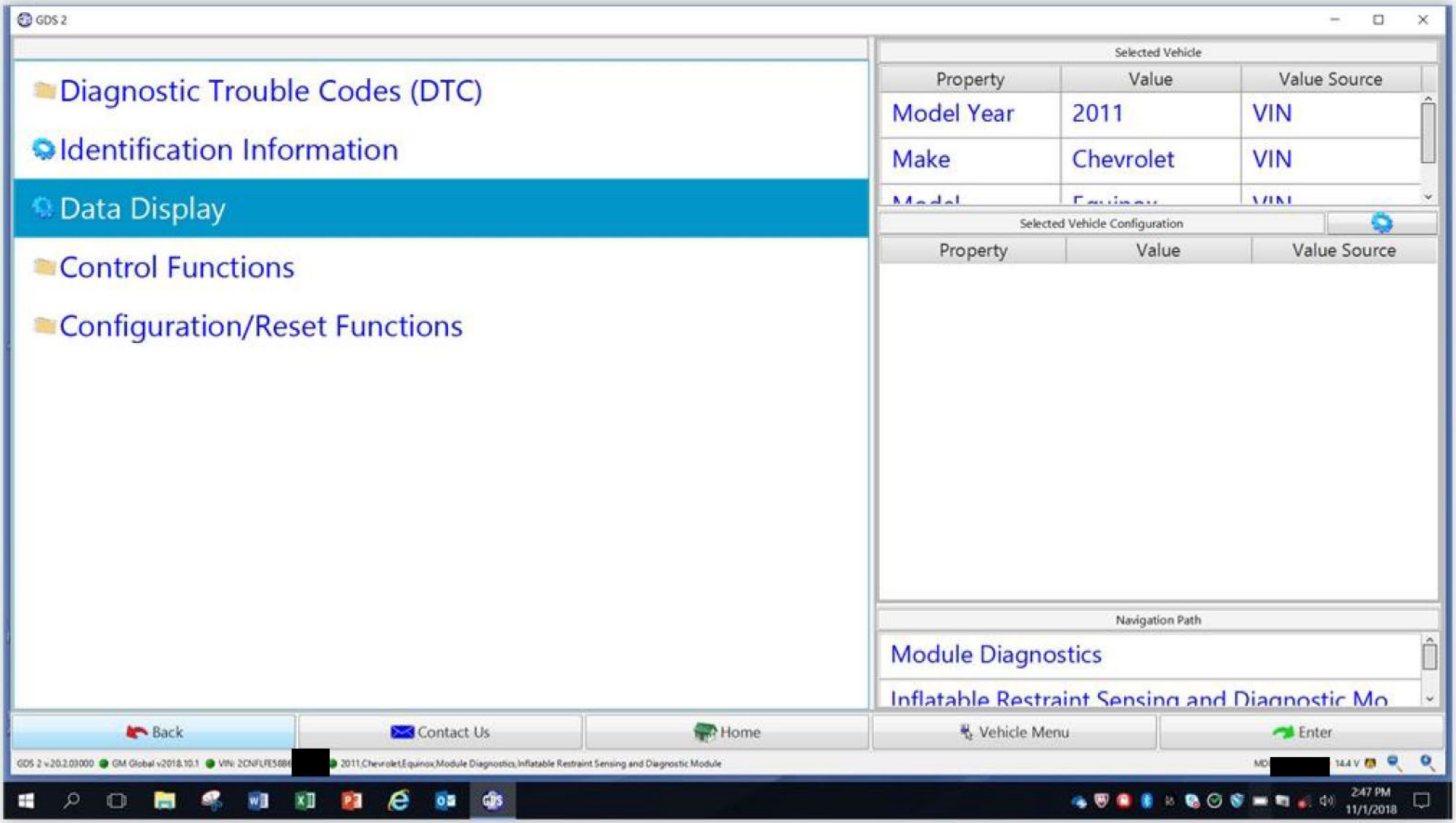
GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
Module Diagnostics
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Vehicle Menu
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
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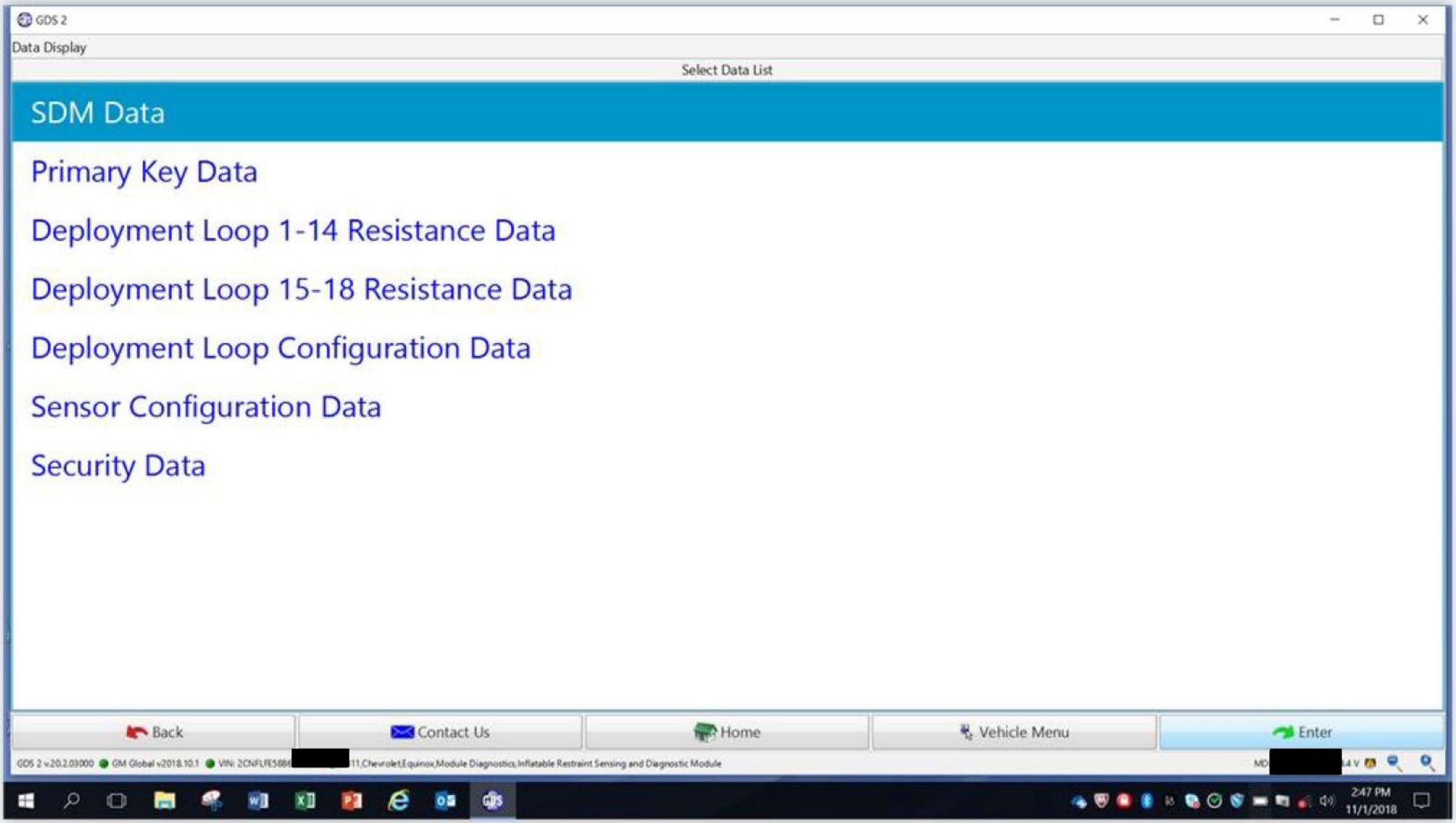
11/1/2018


GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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Enter
GDS 2 v.20.2.03000
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11,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
[redacted]
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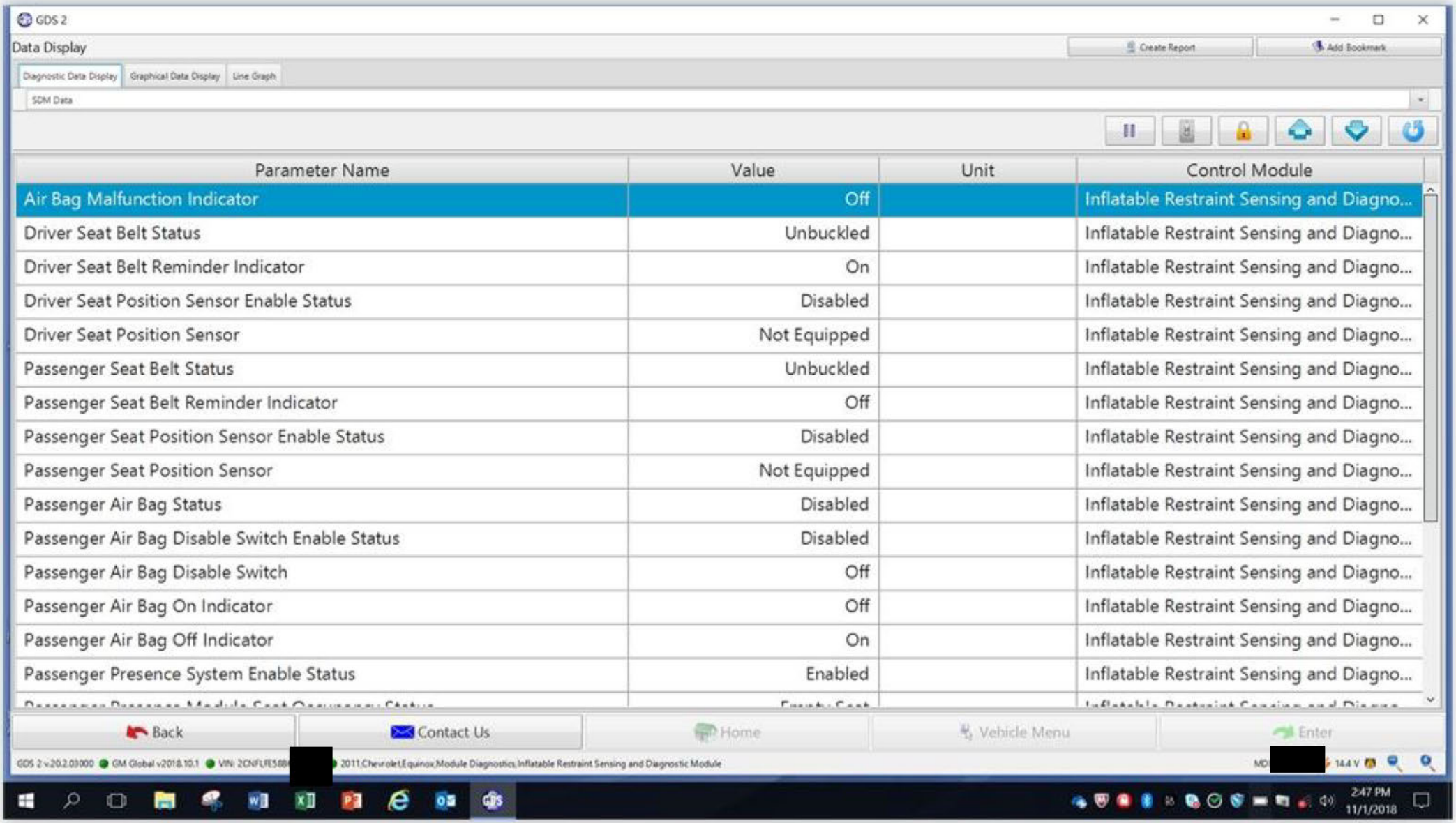
11/1/2018


GDS 2
Data Display
Create Report
Add Bookmark
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Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
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Control Module
Air Bag Malfunction Indicator
Off
Inflatable Restraint Sensing and Diagno...
Driver Seat Belt Status
Unbuckled
Driver Seat Belt Reminder Indicator
On
Driver Seat Position Sensor Enable Status
Disabled
Driver Seat Position Sensor
Not Equipped
Passenger Seat Belt Status
Unbuckled
Passenger Seat Belt Reminder Indicator
Off
Passenger Seat Position Sensor Enable Status
Disabled
Passenger Seat Position Sensor
Not Equipped
Passenger Air Bag Status
Disabled
Passenger Air Bag Disable Switch Enable Status
Disabled
Passenger Air Bag Disable Switch
Off
Passenger Air Bag On Indicator
Off
Passenger Air Bag Off Indicator
On
Passenger Presence System Enable Status
Enabled
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Contact Us
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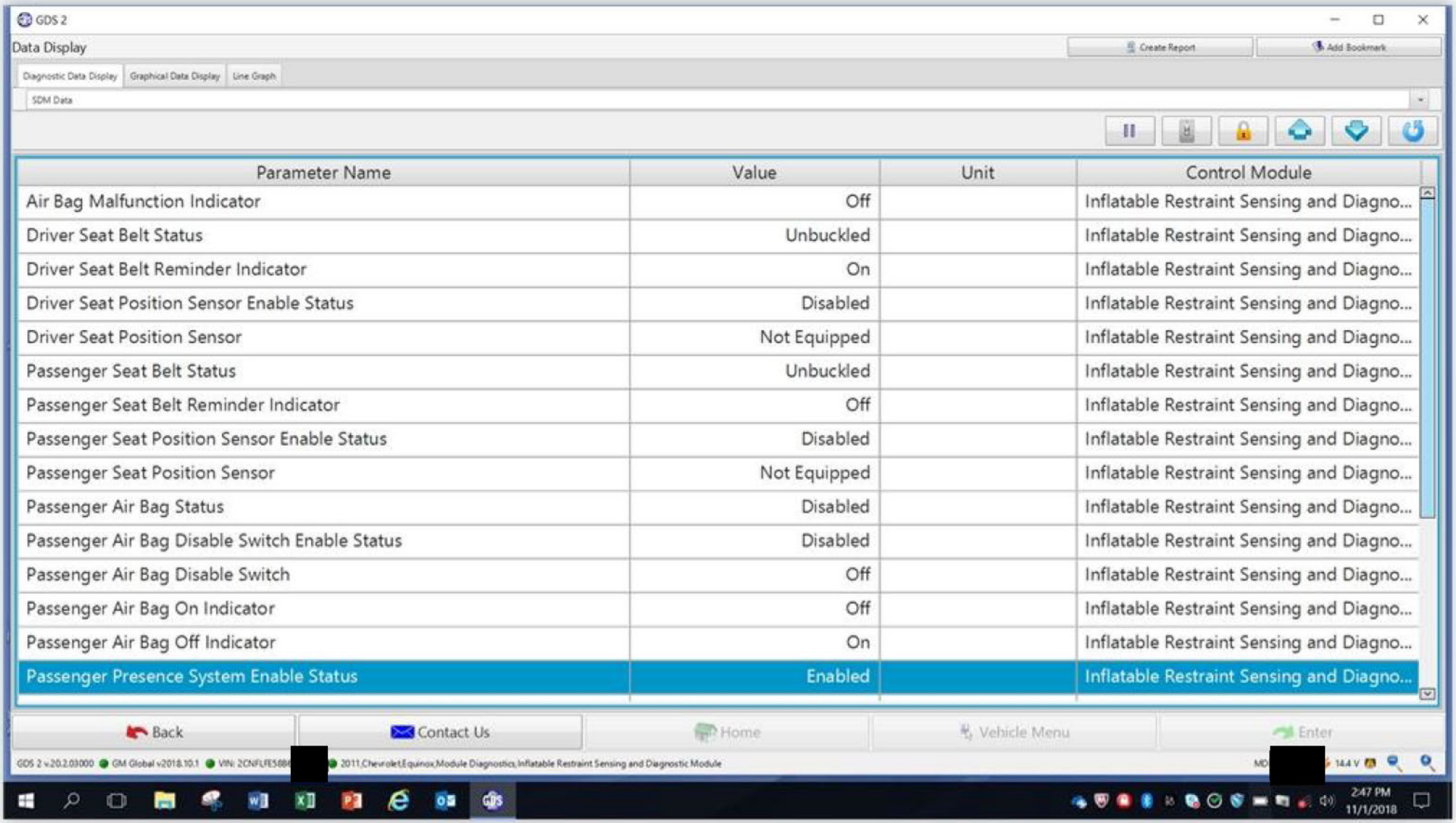
Vehicle Menu
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
2:47 PM
11/1/2018


GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
Unit
Control Module
Air Bag Malfunction Indicator
Off
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Unbuckled
Inflatable Restraint Sensing and Diagno...
Driver Seat Belt Reminder Indicator
On
Inflatable Restraint Sensing and Diagno...
Driver Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Driver Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagno...
Passenger Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Off Indicator
On
Inflatable Restraint Sensing and Diagno...
Passenger Presence System Enable Status
Enabled
Inflatable Restraint Sensing and Diagno...
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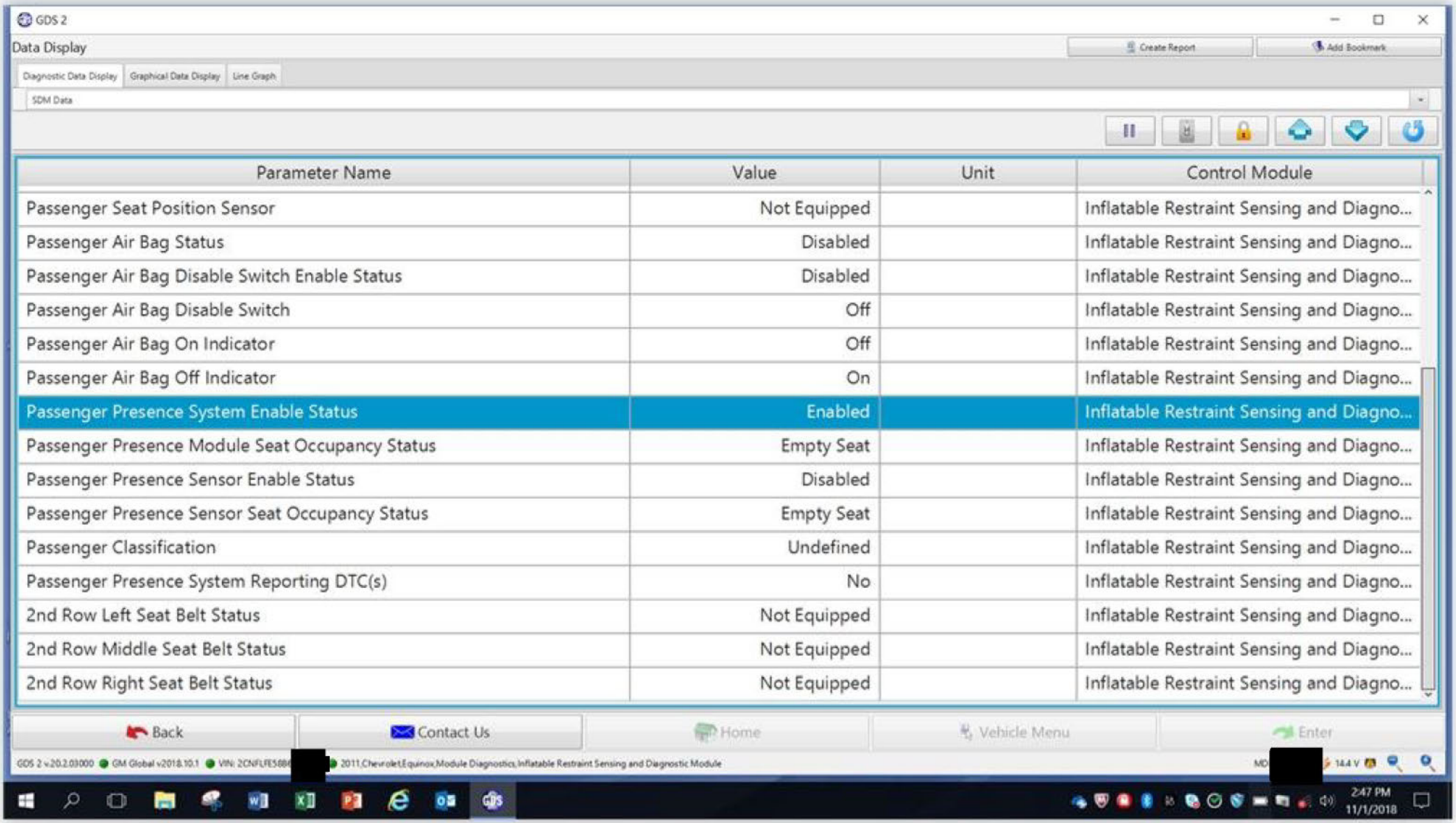
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
Unit
Control Module
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Off Indicator
On
Inflatable Restraint Sensing and Diagno...
Passenger Presence System Enable Status
Enabled
Inflatable Restraint Sensing and Diagno...
Passenger Presence Module Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagno...
Passenger Presence Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Presence Sensor Seat Occupancy Status
Empty Seat
Inflatable Restraint Sensing and Diagno...
Passenger Classification
Undefined
Inflatable Restraint Sensing and Diagno...
Passenger Presence System Reporting DTC(s)
No
Inflatable Restraint Sensing and Diagno...
2nd Row Left Seat Belt Status
Not Equipped
Inflatable Restraint Sensing and Diagno...
2nd Row Middle Seat Belt Status
Not Equipped
Inflatable Restraint Sensing and Diagno...
2nd Row Right Seat Belt Status
Not Equipped
Inflatable Restraint Sensing and Diagno...
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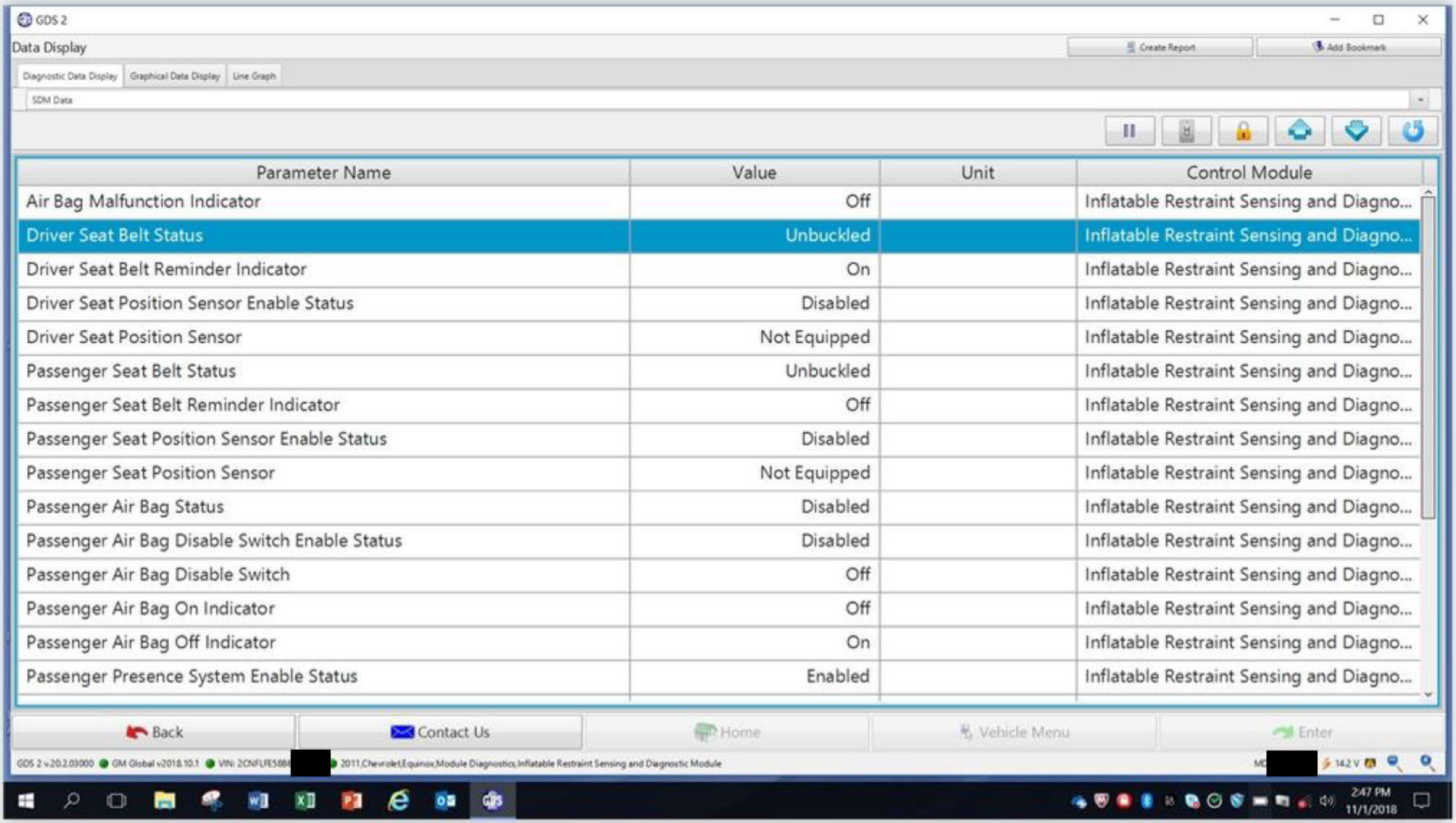
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Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
Unit
Control Module
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Off
Inflatable Restraint Sensing and Diagno...
Driver Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagno...
Driver Seat Belt Reminder Indicator
On
Inflatable Restraint Sensing and Diagno...
Driver Seat Position Sensor Enable Status
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Inflatable Restraint Sensing and Diagno...
Driver Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagno...
Passenger Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Off Indicator
On
Inflatable Restraint Sensing and Diagno...
Passenger Presence System Enable Status
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GDS 2 v.20.2.03000
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2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
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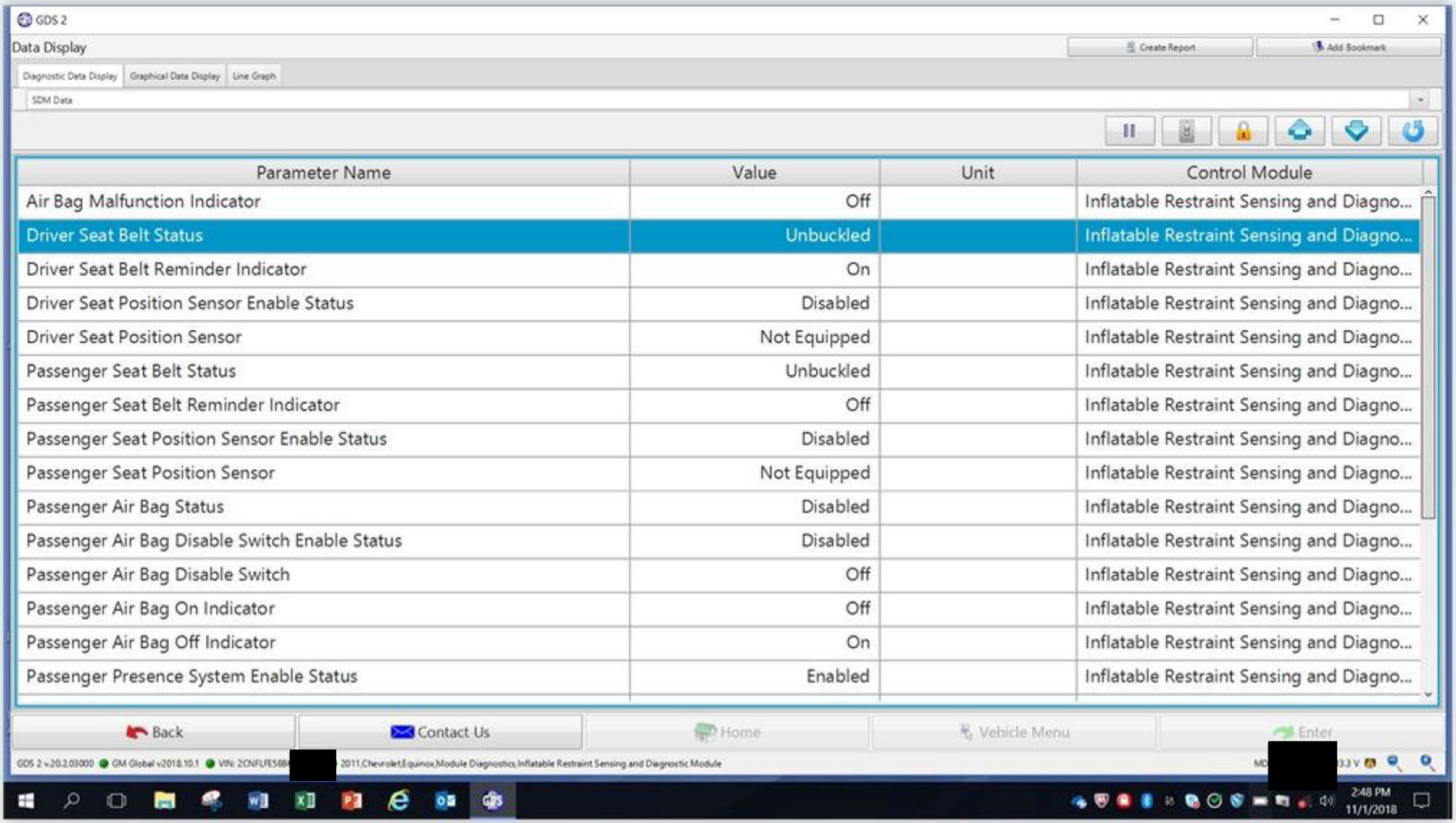
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Graphical Data Display
Line Graph
SDM Data
Parameter Name
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Control Module
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Unbuckled
Inflatable Restraint Sensing and Diagno...
Driver Seat Belt Reminder Indicator
On
Inflatable Restraint Sensing and Diagno...
Driver Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Driver Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagno...
Passenger Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Off Indicator
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Inflatable Restraint Sensing and Diagno...
Passenger Presence System Enable Status
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GM Global v2018.10.1
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
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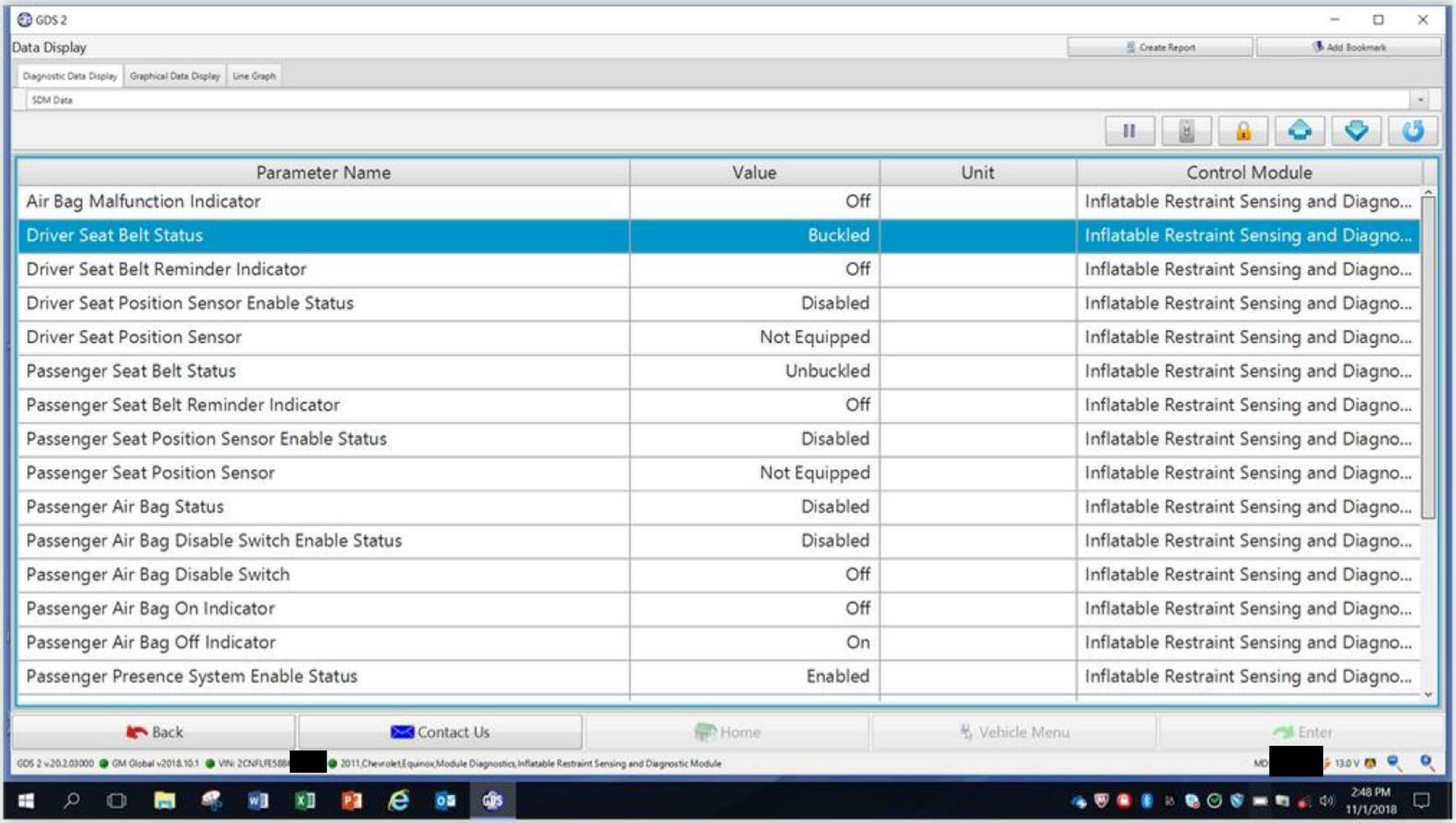
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
SDM Data
Parameter Name
Value
Unit
Control Module
Air Bag Malfunction Indicator
Off
Inflatable Restraint Sensing and Diagno...
Driver Seat Belt Status
Buckled
Inflatable Restraint Sensing and Diagno...
Driver Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagno...
Driver Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Driver Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Seat Belt Status
Unbuckled
Inflatable Restraint Sensing and Diagno...
Passenger Seat Belt Reminder Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Seat Position Sensor Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Seat Position Sensor
Not Equipped
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch Enable Status
Disabled
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Disable Switch
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag On Indicator
Off
Inflatable Restraint Sensing and Diagno...
Passenger Air Bag Off Indicator
On
Inflatable Restraint Sensing and Diagno...
Passenger Presence System Enable Status
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Inflatable Restraint Sensing and Diagno...
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GDS 2 v.20.2.03000
GM Global v2018.10.1
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
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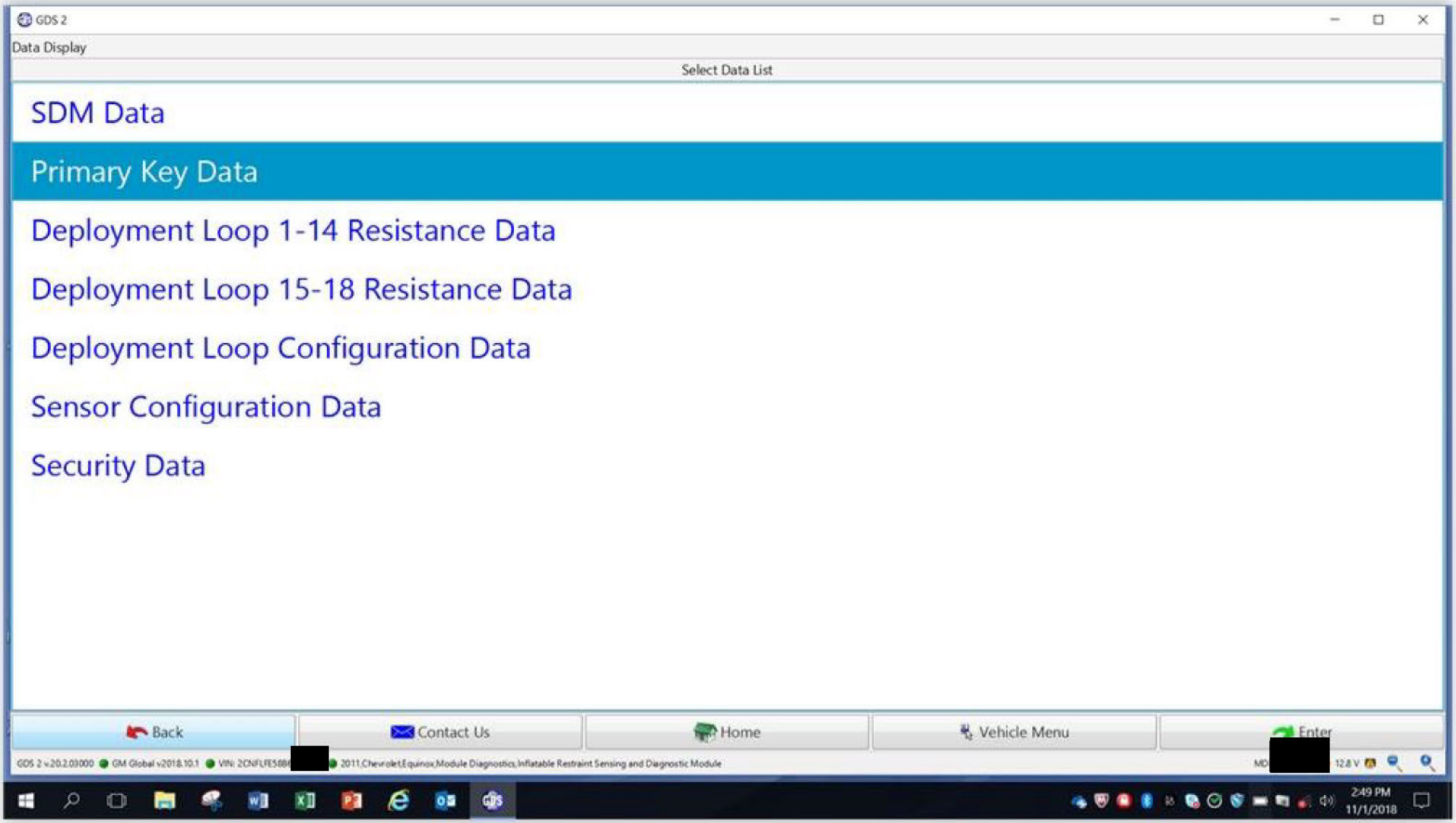
GDS 2
Data Display
Select Data List
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Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
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Enter
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
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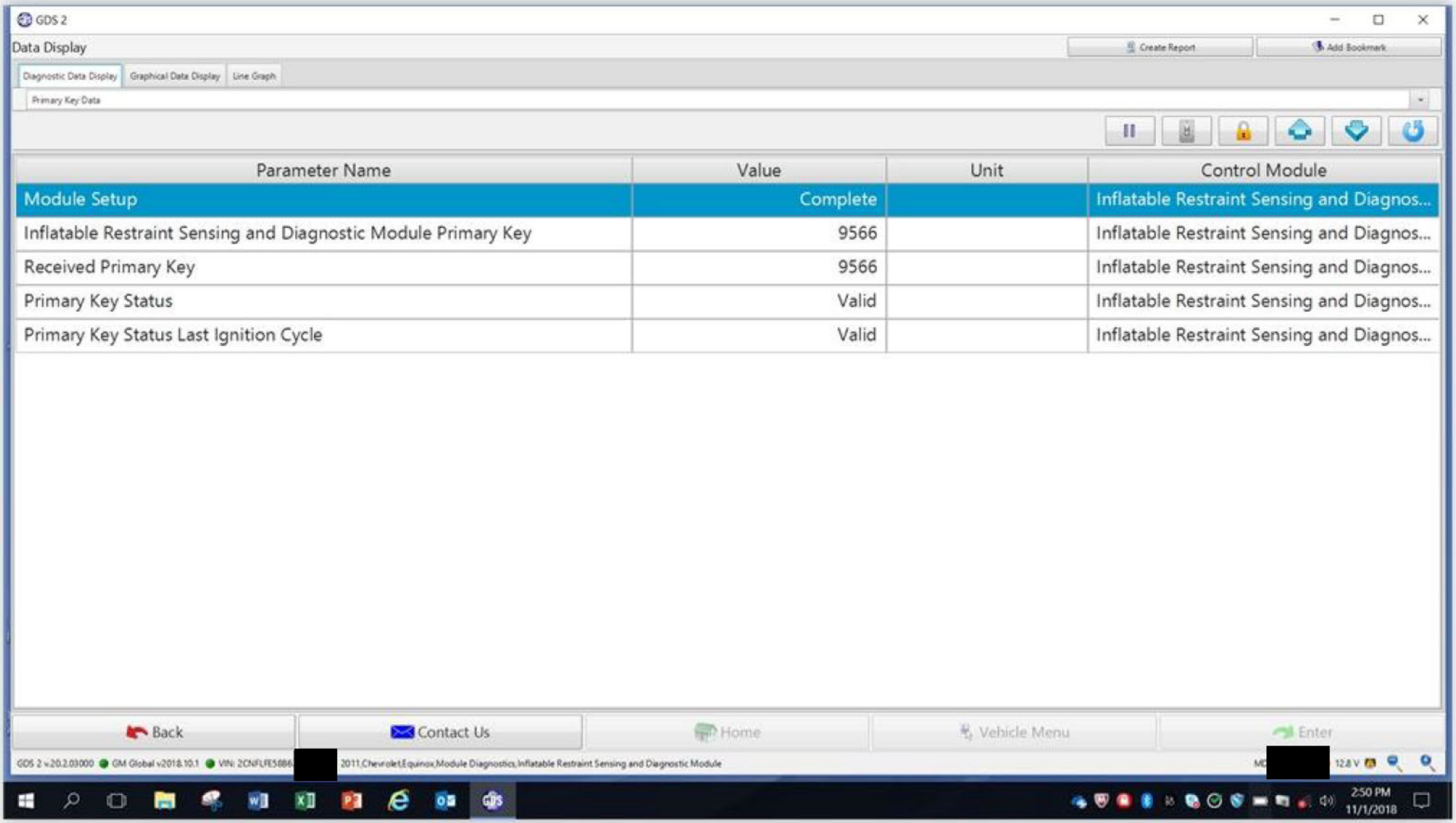
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Primary Key Data
Parameter Name
Value
Unit
Control Module
Module Setup
Complete
Inflatable Restraint Sensing and Diagnos...
Inflatable Restraint Sensing and Diagnostic Module Primary Key
9566
Inflatable Restraint Sensing and Diagnos...
Received Primary Key
9566
Inflatable Restraint Sensing and Diagnos...
Primary Key Status
Valid
Inflatable Restraint Sensing and Diagnos...
Primary Key Status Last Ignition Cycle
Valid
Inflatable Restraint Sensing and Diagnos...
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GDS 2 v.20.2.03000
GM Global v2018.10.1
VIN: 2CNFLFE56B6
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
12.8 V
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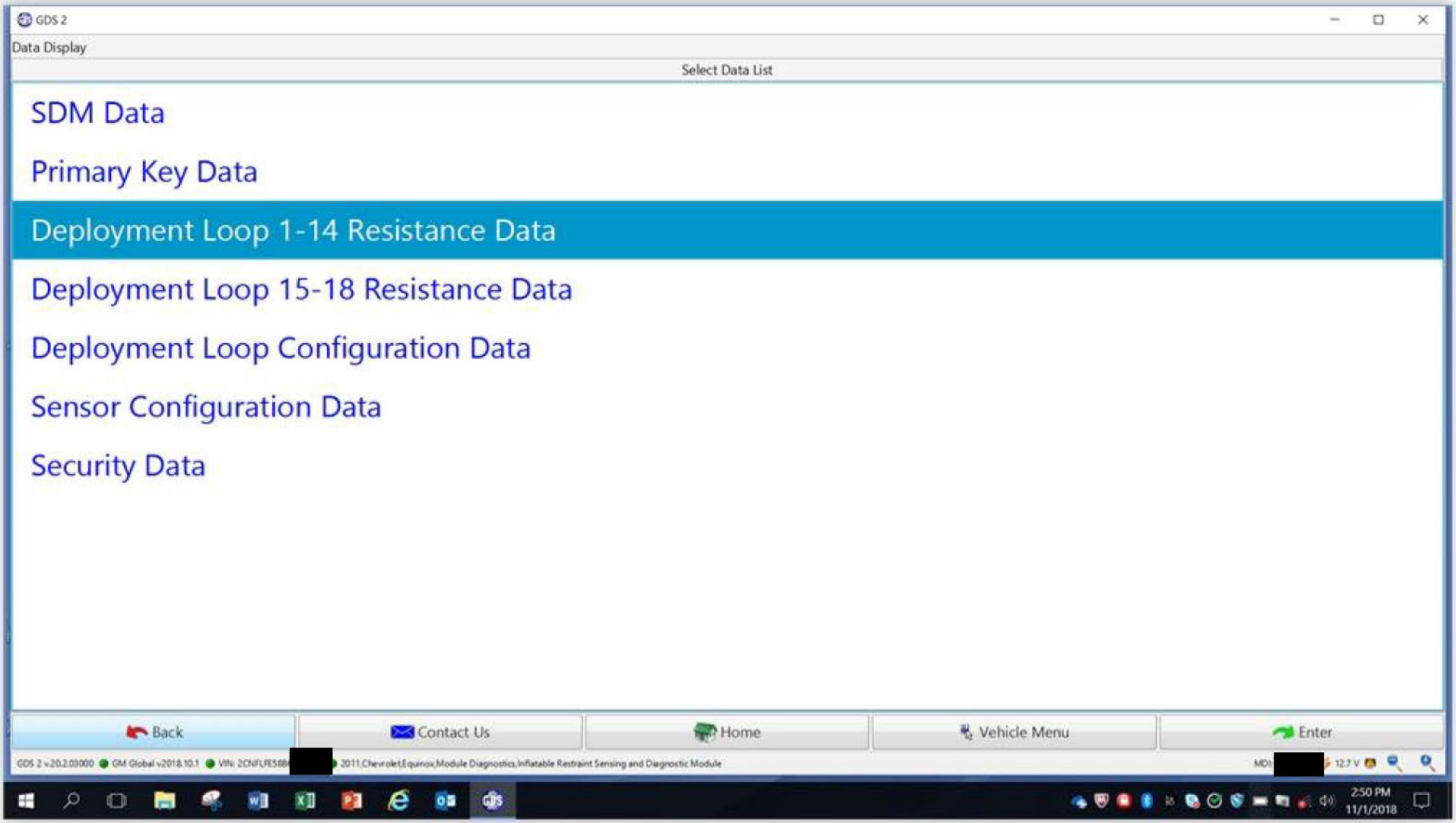
11/1/2018


GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
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GM Global v2018.10.1
VIN: 2CNFLFE58B[redacted]
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
MDI [redacted]
12.7 V
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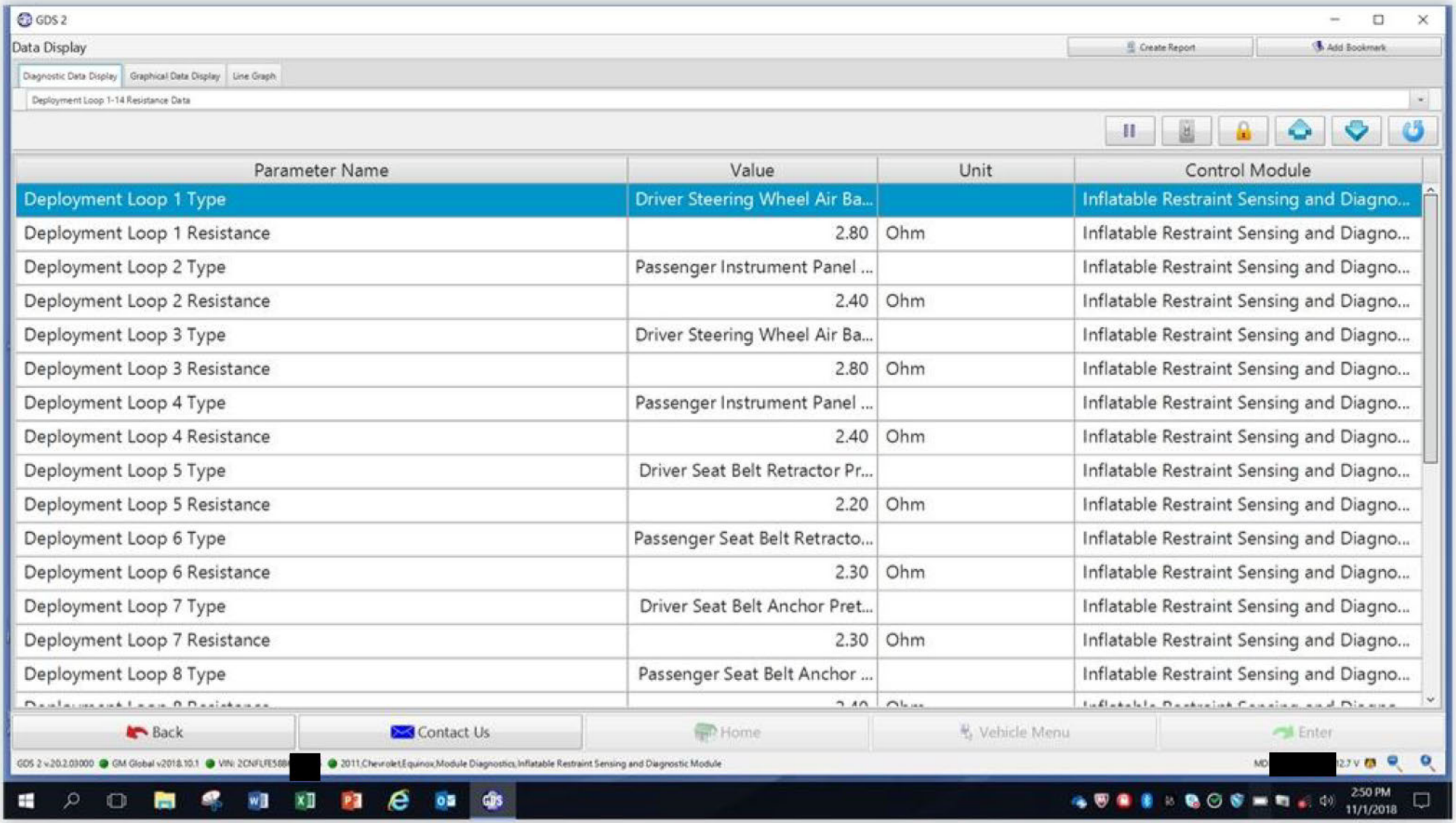
11/1/2018


GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
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Line Graph
Deployment Loop 1-14 Resistance Data
Parameter Name
Value
Unit
Control Module
Deployment Loop 1 Type
Driver Steering Wheel Air Ba...
Inflatable Restraint Sensing and Diagno...
Deployment Loop 1 Resistance
2.80
Ohm
Deployment Loop 2 Type
Passenger Instrument Panel ...
Deployment Loop 2 Resistance
2.40
Deployment Loop 3 Type
Driver Steering Wheel Air Ba...
Deployment Loop 3 Resistance
2.80
Deployment Loop 4 Type
Passenger Instrument Panel ...
Deployment Loop 4 Resistance
2.40
Deployment Loop 5 Type
Driver Seat Belt Retractor Pr...
Deployment Loop 5 Resistance
2.20
Deployment Loop 6 Type
Passenger Seat Belt Retracto...
Deployment Loop 6 Resistance
2.30
Deployment Loop 7 Type
Driver Seat Belt Anchor Pret...
Deployment Loop 7 Resistance
2.30
Deployment Loop 8 Type
Passenger Seat Belt Anchor ...
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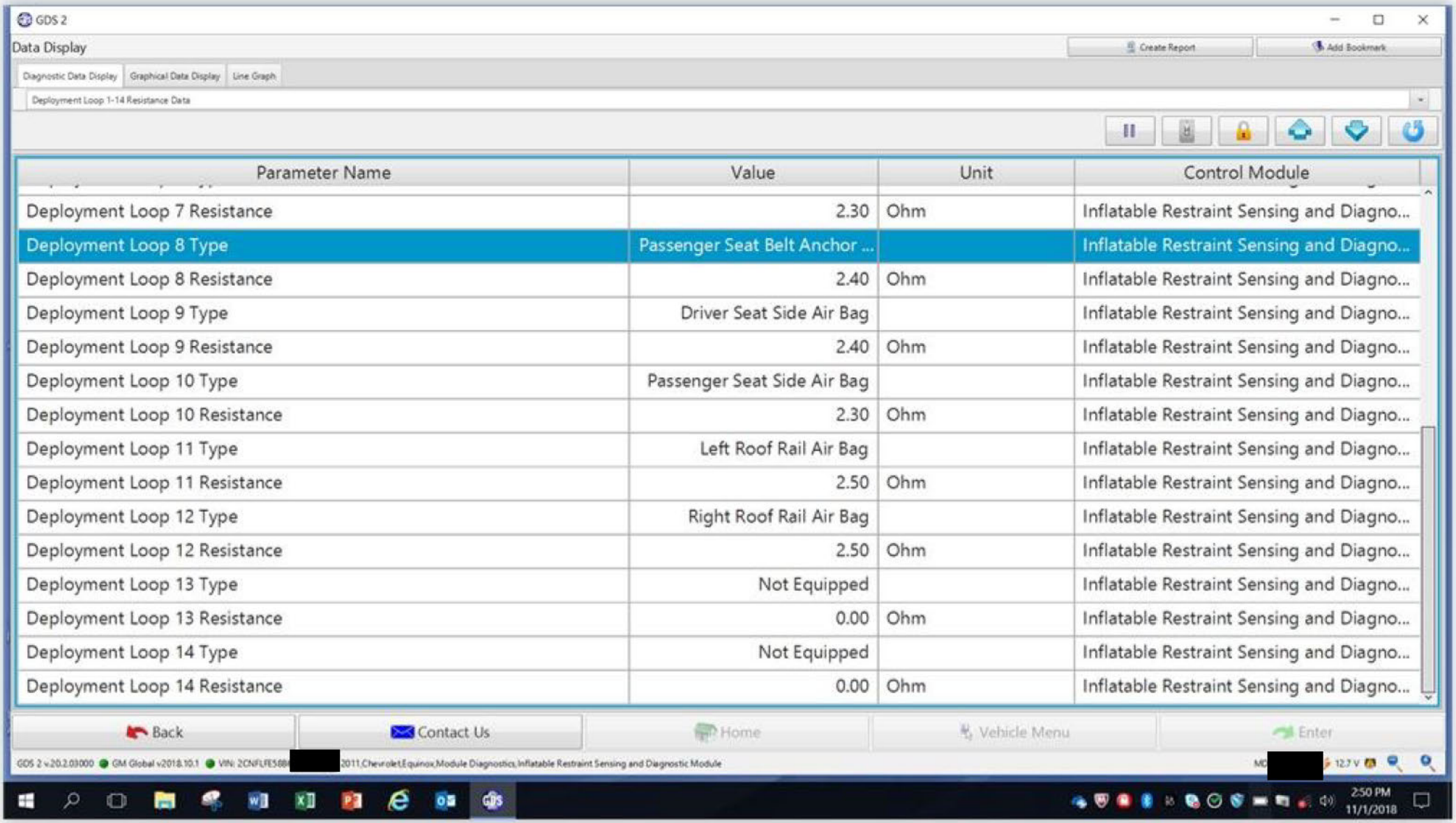
11/1/2018


GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop 1-14 Resistance Data
Parameter Name
Value
Unit
Control Module
Deployment Loop 7 Resistance
2.30
Ohm
Inflatable Restraint Sensing and Diagno...
Deployment Loop 8 Type
Passenger Seat Belt Anchor ...
Inflatable Restraint Sensing and Diagno...
Deployment Loop 8 Resistance
2.40
Ohm
Inflatable Restraint Sensing and Diagno...
Deployment Loop 9 Type
Driver Seat Side Air Bag
Inflatable Restraint Sensing and Diagno...
Deployment Loop 9 Resistance
2.40
Ohm
Inflatable Restraint Sensing and Diagno...
Deployment Loop 10 Type
Passenger Seat Side Air Bag
Inflatable Restraint Sensing and Diagno...
Deployment Loop 10 Resistance
2.30
Ohm
Inflatable Restraint Sensing and Diagno...
Deployment Loop 11 Type
Left Roof Rail Air Bag
Inflatable Restraint Sensing and Diagno...
Deployment Loop 11 Resistance
2.50
Ohm
Inflatable Restraint Sensing and Diagno...
Deployment Loop 12 Type
Right Roof Rail Air Bag
Inflatable Restraint Sensing and Diagno...
Deployment Loop 12 Resistance
2.50
Ohm
Inflatable Restraint Sensing and Diagno...
Deployment Loop 13 Type
Not Equipped
Inflatable Restraint Sensing and Diagno...
Deployment Loop 13 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagno...
Deployment Loop 14 Type
Not Equipped
Inflatable Restraint Sensing and Diagno...
Deployment Loop 14 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagno...
Back
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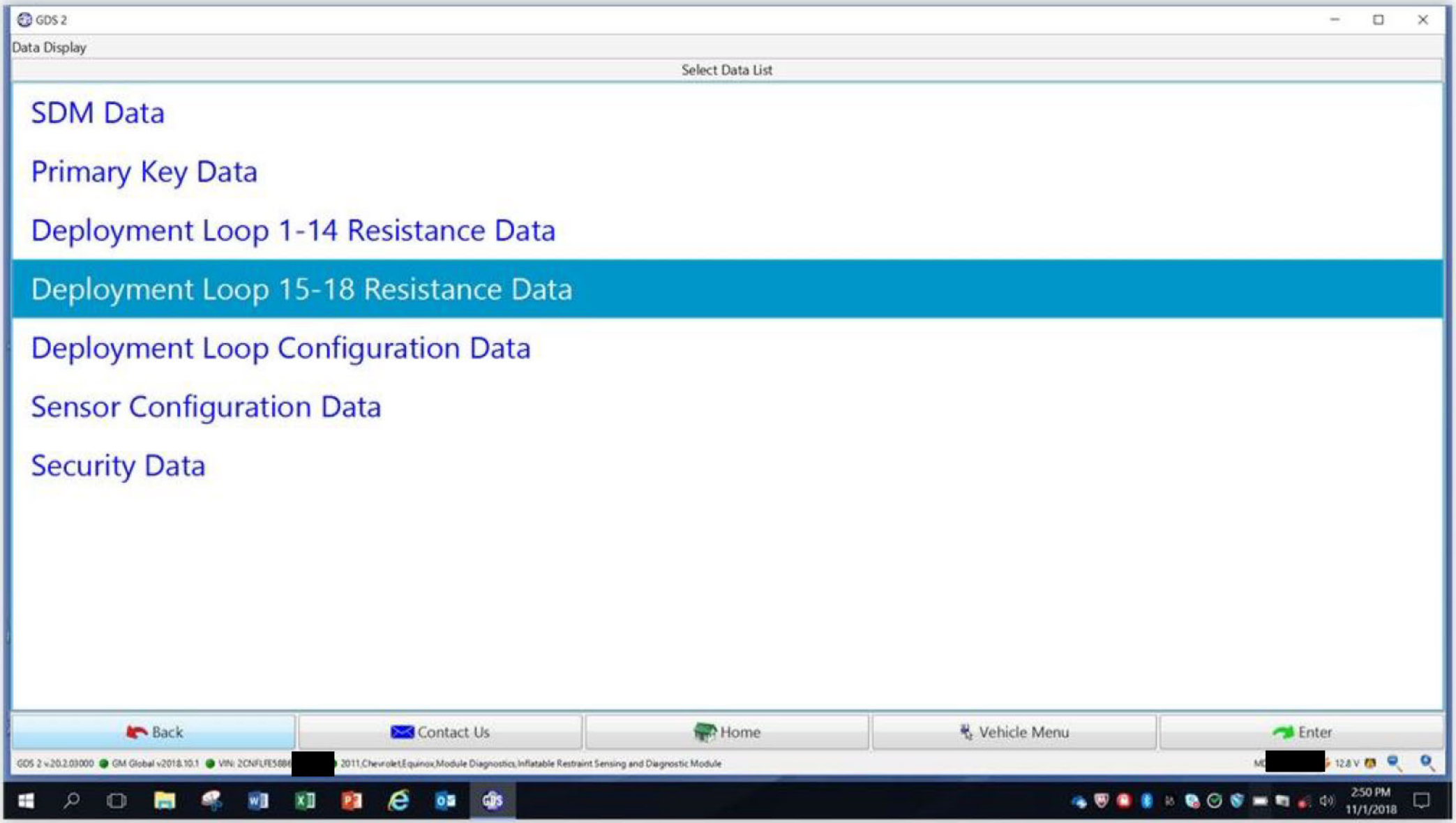
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
2:50 PM
11/1/2018


GDS 2
Data Display
Select Data List
SDM Data
Primary Key Data
Deployment Loop 1-14 Resistance Data
Deployment Loop 15-18 Resistance Data
Deployment Loop Configuration Data
Sensor Configuration Data
Security Data
Back
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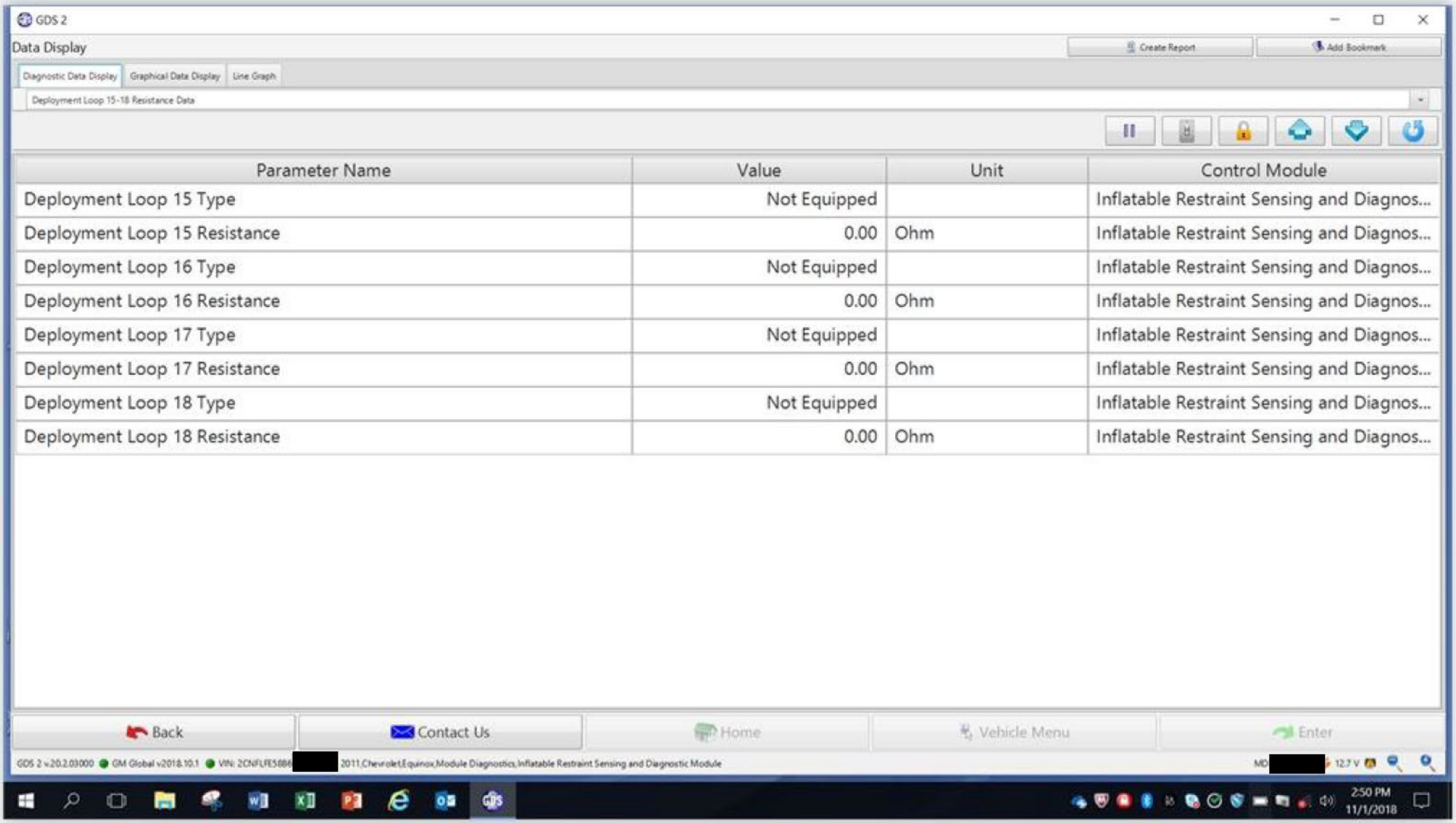
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
2:50 PM
11/1/2018


GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
Deployment Loop 15-18 Resistance Data
Parameter Name
Value
Unit
Control Module
Deployment Loop 15 Type
Not Equipped
Inflatable Restraint Sensing and Diagnos...
Deployment Loop 15 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnos...
Deployment Loop 16 Type
Not Equipped
Inflatable Restraint Sensing and Diagnos...
Deployment Loop 16 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnos...
Deployment Loop 17 Type
Not Equipped
Inflatable Restraint Sensing and Diagnos...
Deployment Loop 17 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnos...
Deployment Loop 18 Type
Not Equipped
Inflatable Restraint Sensing and Diagnos...
Deployment Loop 18 Resistance
0.00
Ohm
Inflatable Restraint Sensing and Diagnos...
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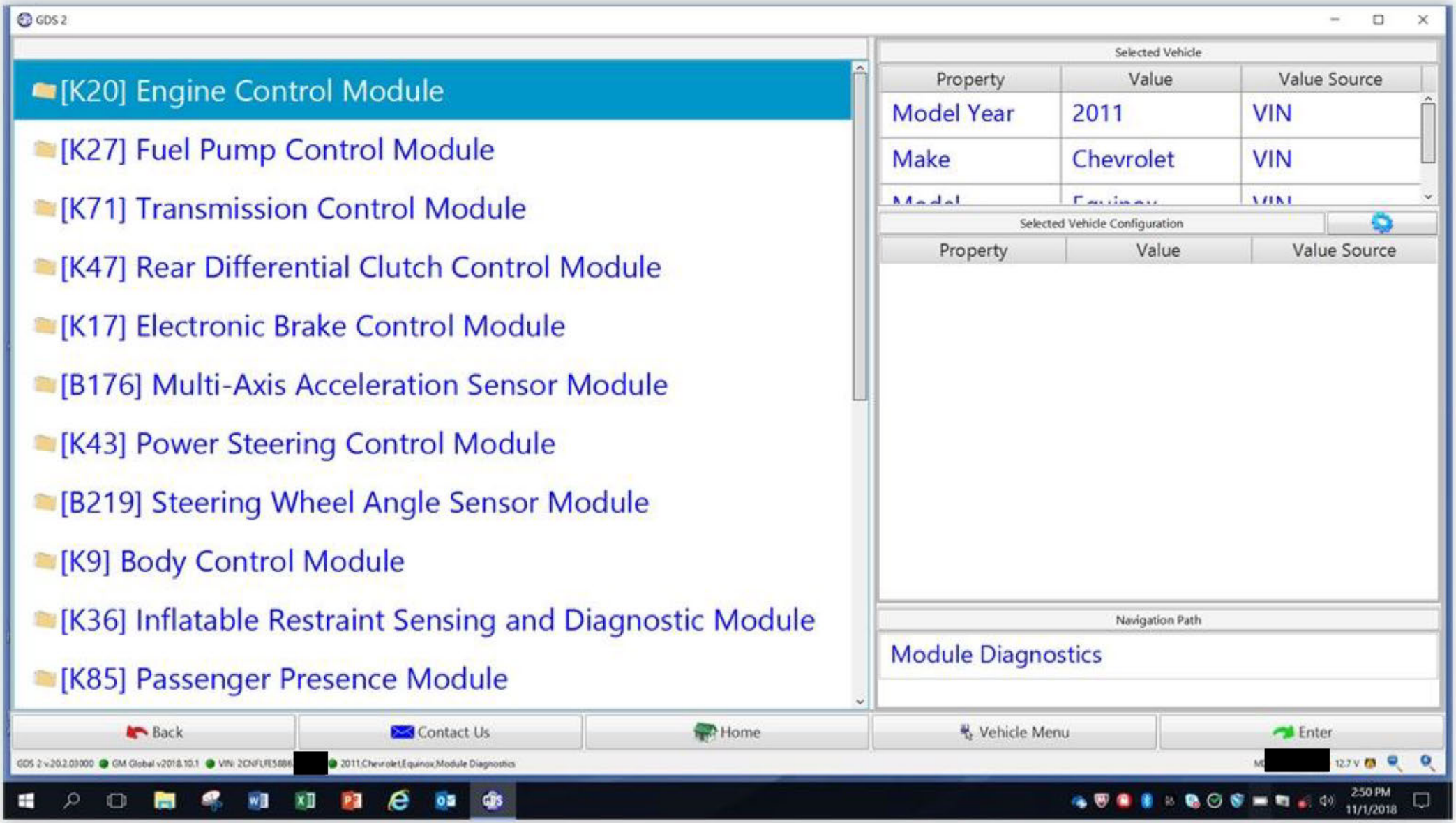
Enter
GDS 2 v.20.2.03000
GM Global v2018.10.1
VIN: 2CNFLFE5BB6 [redacted] 2011,Chevrolet,Equinox,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module
MD [redacted]
12.7 V
2:50 PM
11/1/2018


GDS 2
[K20] Engine Control Module
[K27] Fuel Pump Control Module
[K71] Transmission Control Module
[K47] Rear Differential Clutch Control Module
[K17] Electronic Brake Control Module
[B176] Multi-Axis Acceleration Sensor Module
[K43] Power Steering Control Module
[B219] Steering Wheel Angle Sensor Module
[K9] Body Control Module
[K36] Inflatable Restraint Sensing and Diagnostic Module
[K85] Passenger Presence Module
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
Module Diagnostics
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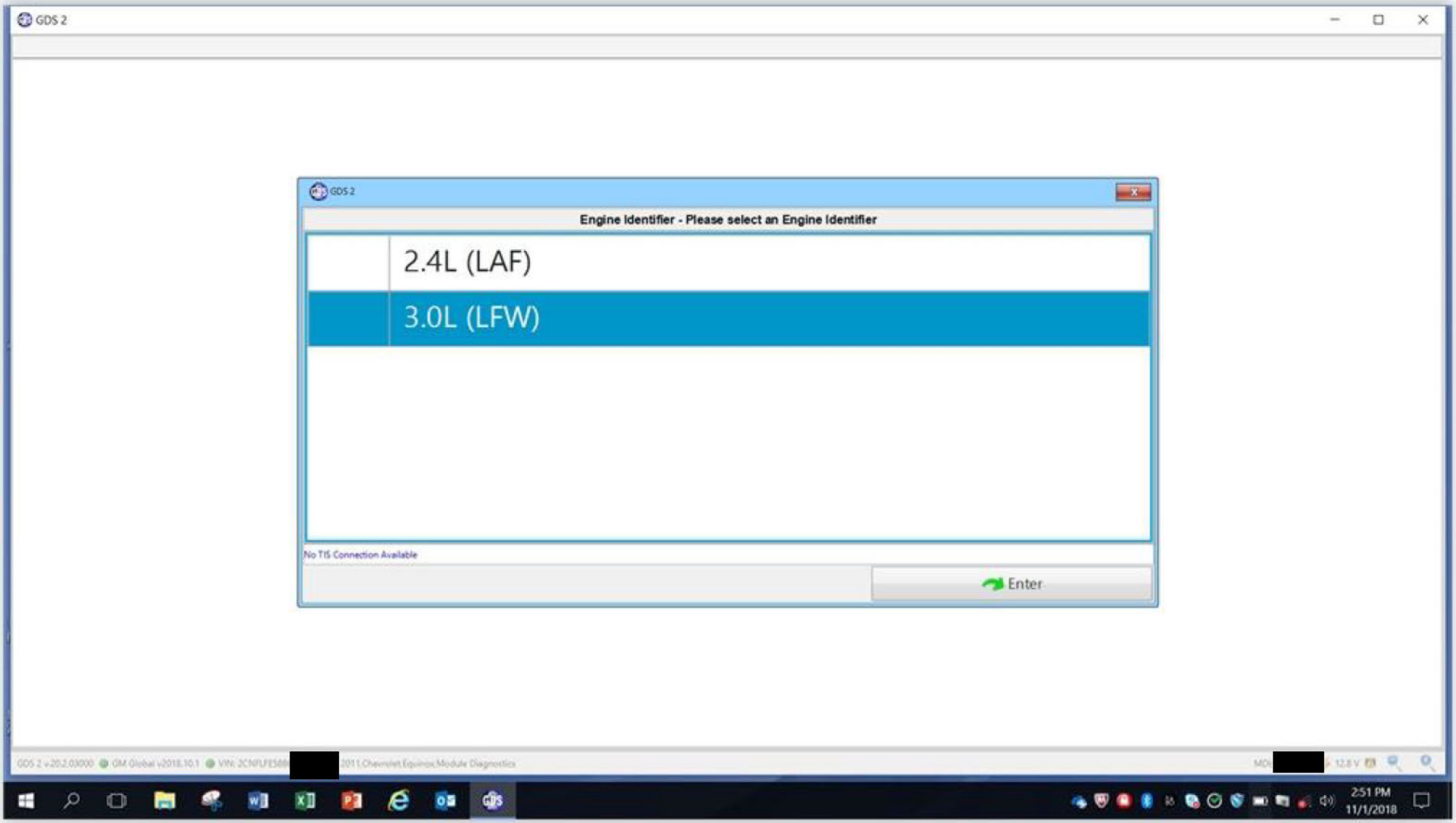
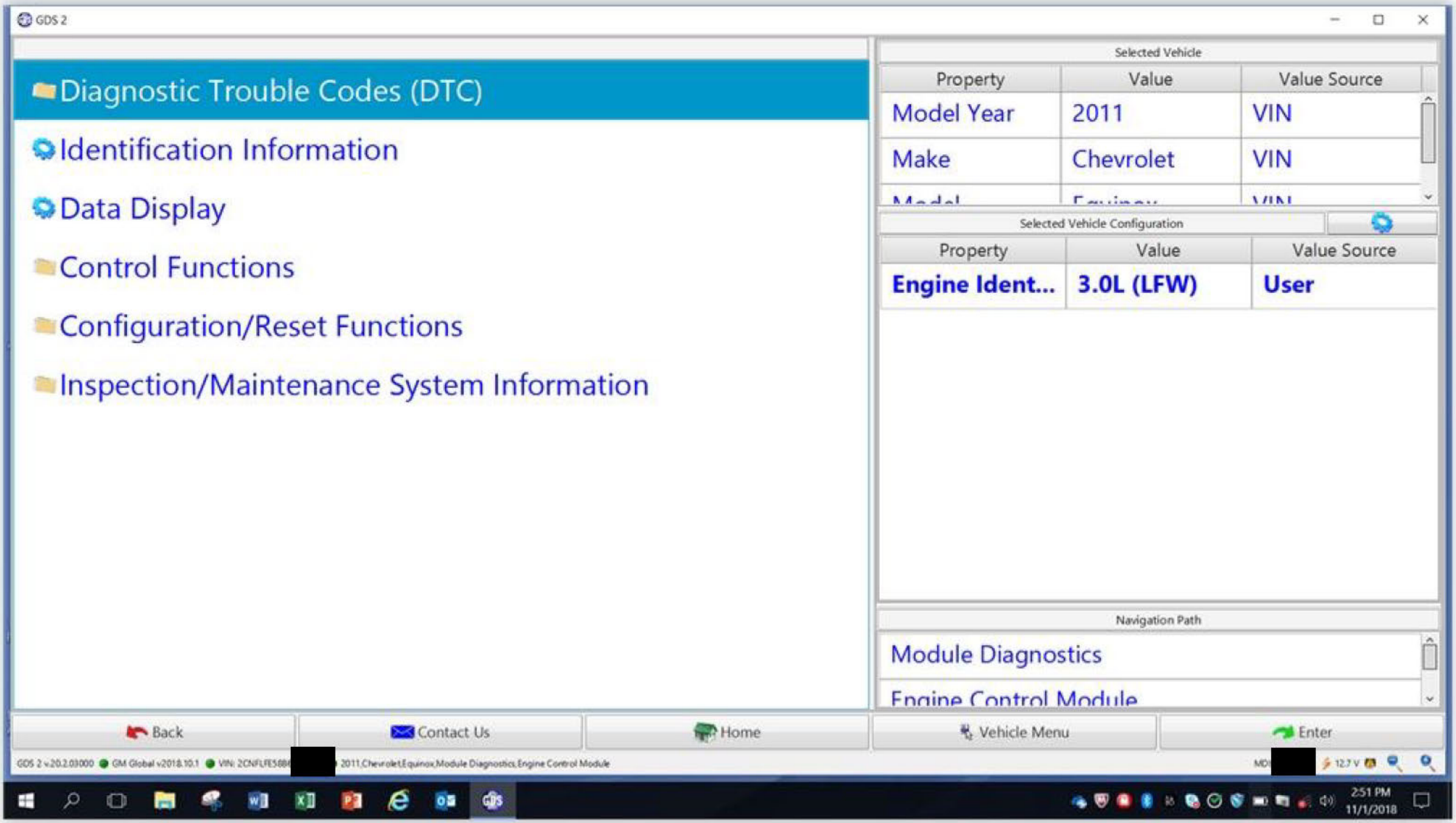
Vehicle Menu
Enter
2:50 PM
11/1/2018


GDS 2
GDS 2
Engine Identifier - Please select an Engine Identifier
2.4L (LAF)
3.0L (LFW)
No TIS Connection Available
Enter
2:51 PM
11/1/2018


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Inspection/Maintenance System Information
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
Module Diagnostics
Engine Control Module
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Vehicle Menu
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
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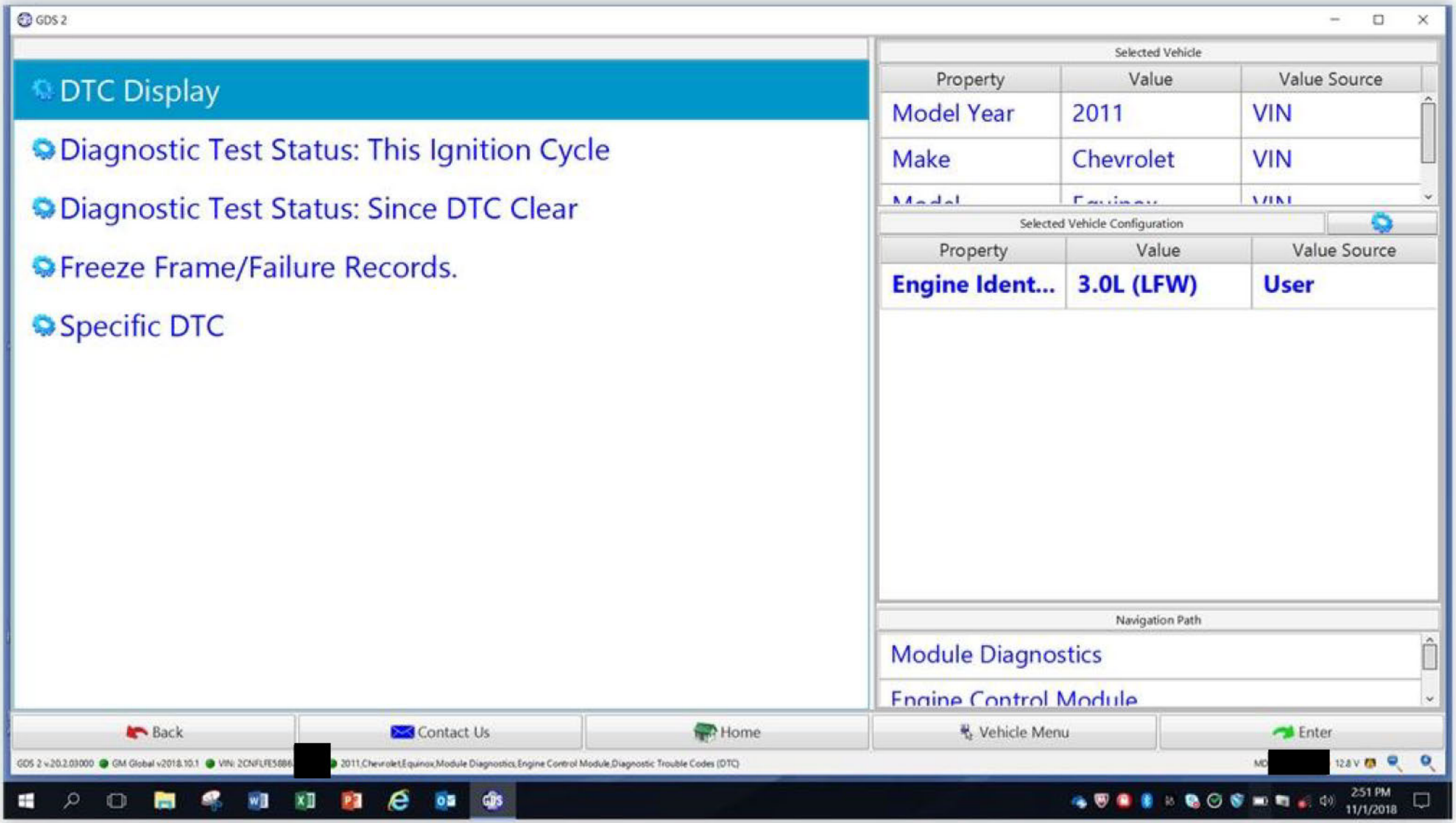
GDS 2
DTC Display
Diagnostic Test Status: This Ignition Cycle
Diagnostic Test Status: Since DTC Clear
Freeze Frame/Failure Records.
Specific DTC
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
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Engine Control Module
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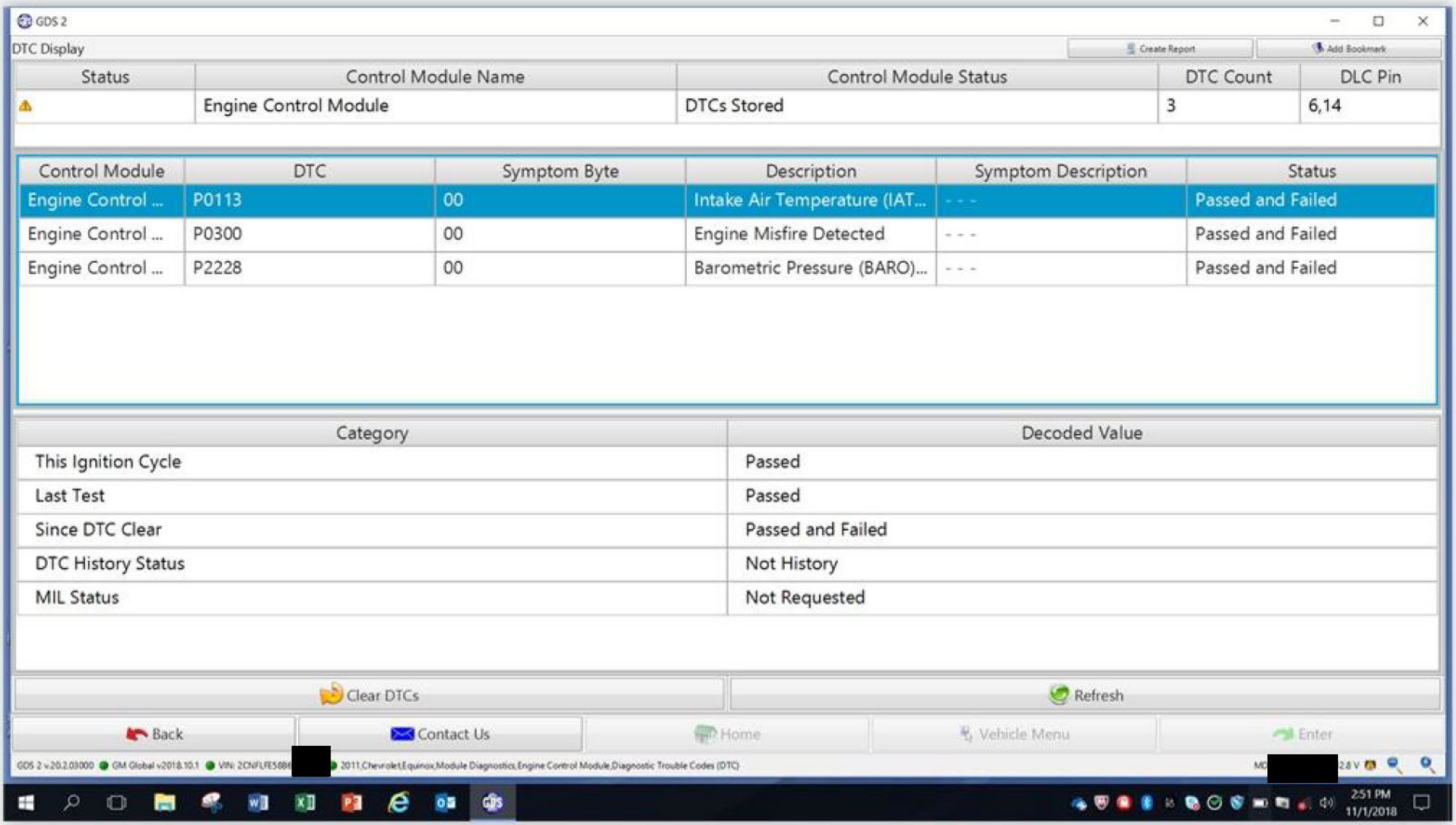
Vehicle Menu
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module,Diagnostic Trouble Codes (DTC)
2:51 PM
11/1/2018


GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Engine Control Module
DTCs Stored
3
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Engine Control ...
P0113
00
Intake Air Temperature (IAT...
- - -
Passed and Failed
Engine Control ...
P0300
00
Engine Misfire Detected
- - -
Passed and Failed
Engine Control ...
P2228
00
Barometric Pressure (BARO)...
- - -
Passed and Failed
Category
Decoded Value
This Ignition Cycle
Passed
Last Test
Passed
Since DTC Clear
Passed and Failed
DTC History Status
Not History
MIL Status
Not Requested
Clear DTCs
Refresh
Back
Contact Us
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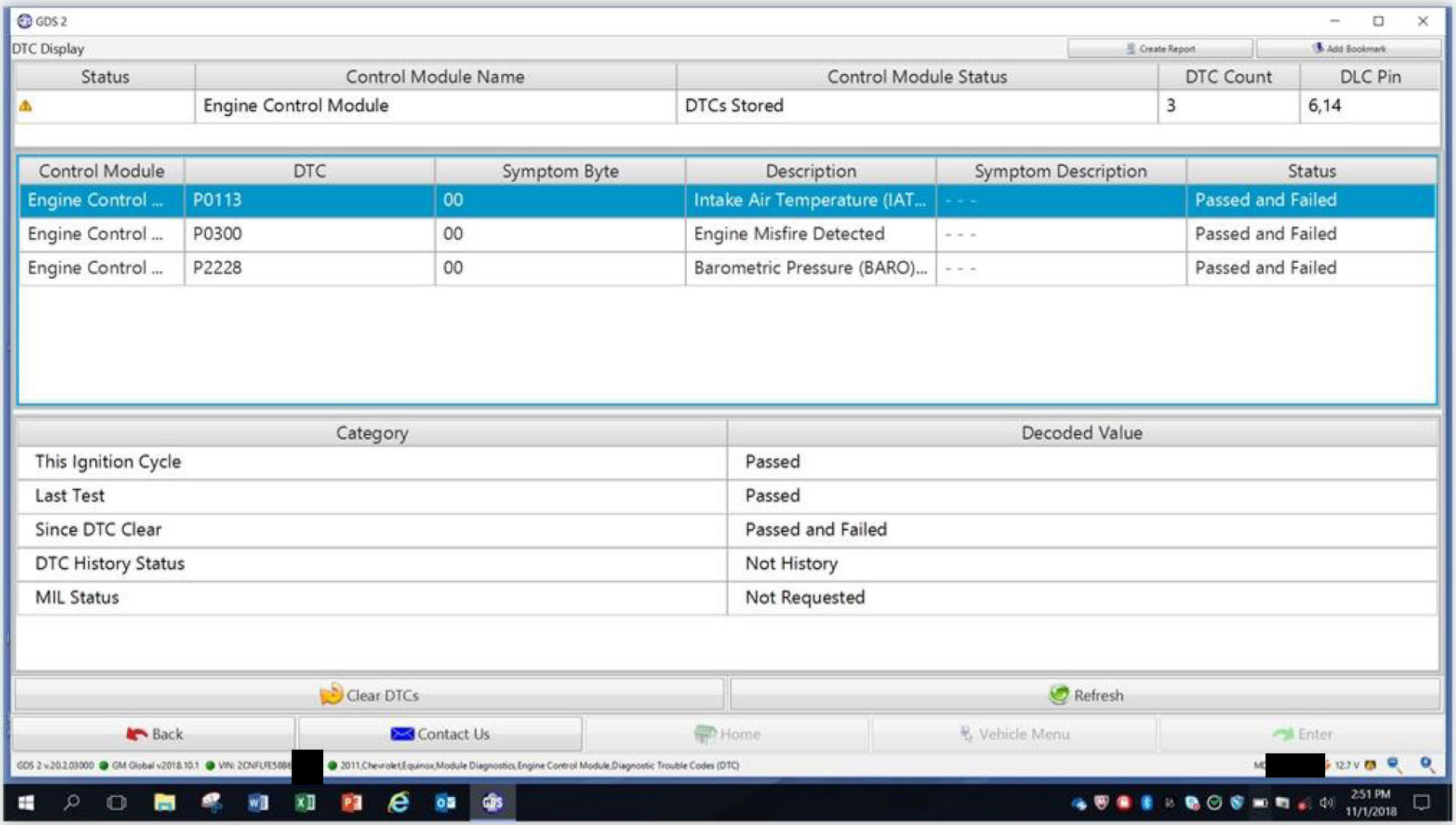
Vehicle Menu
Enter
2:51 PM
11/1/2018


GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Engine Control Module
DTCs Stored
3
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Engine Control ...
P0113
00
Intake Air Temperature (IAT...
- - -
Passed and Failed
Engine Control ...
P0300
00
Engine Misfire Detected
- - -
Passed and Failed
Engine Control ...
P2228
00
Barometric Pressure (BARO)...
- - -
Passed and Failed
Category
Decoded Value
This Ignition Cycle
Passed
Last Test
Passed
Since DTC Clear
Passed and Failed
DTC History Status
Not History
MIL Status
Not Requested
Clear DTCs
Refresh
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2:51 PM
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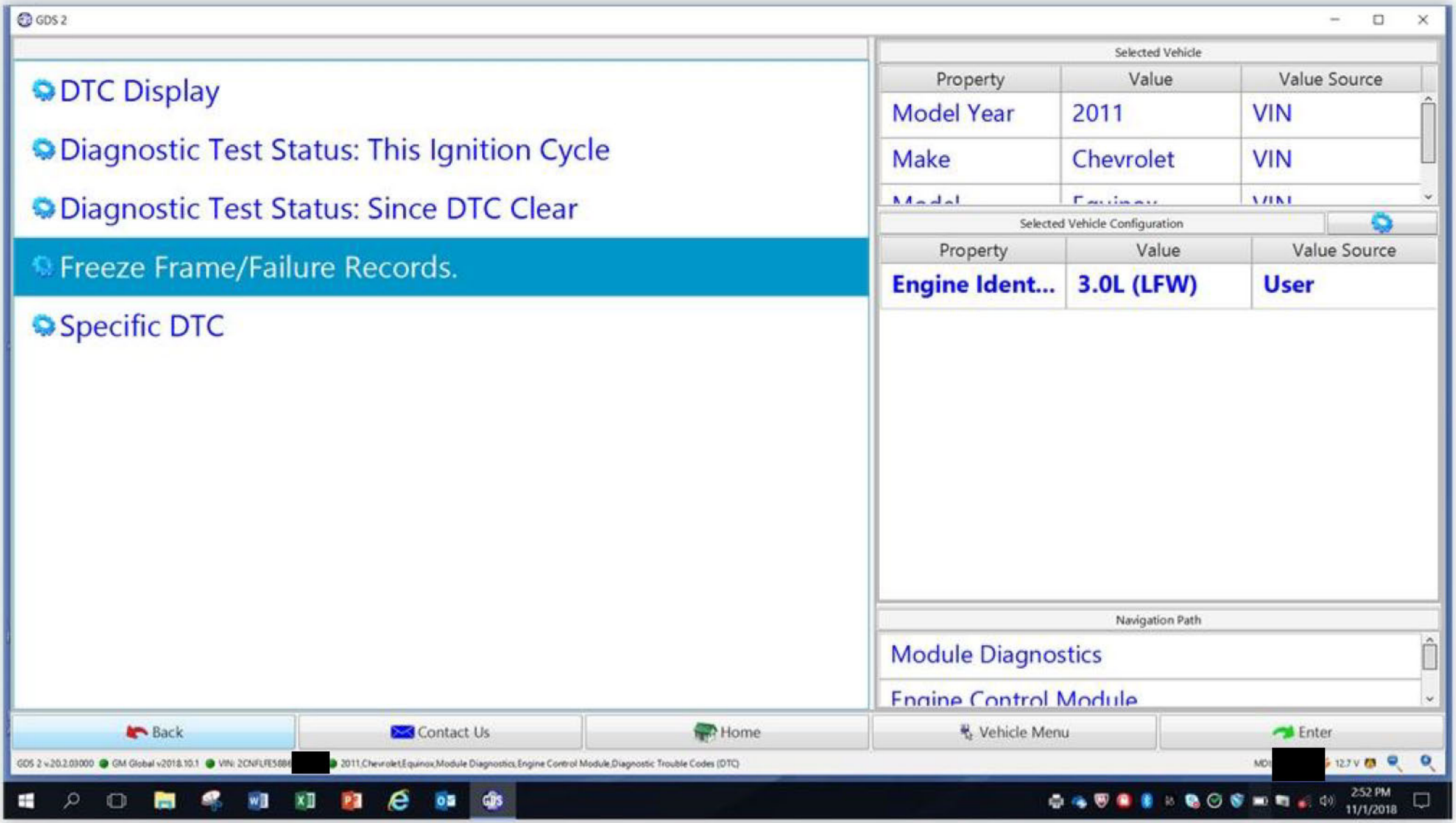
GDS 2
DTC Display
Diagnostic Test Status: This Ignition Cycle
Diagnostic Test Status: Since DTC Clear
Freeze Frame/Failure Records.
Specific DTC
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
Module Diagnostics
Engine Control Module
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Contact Us
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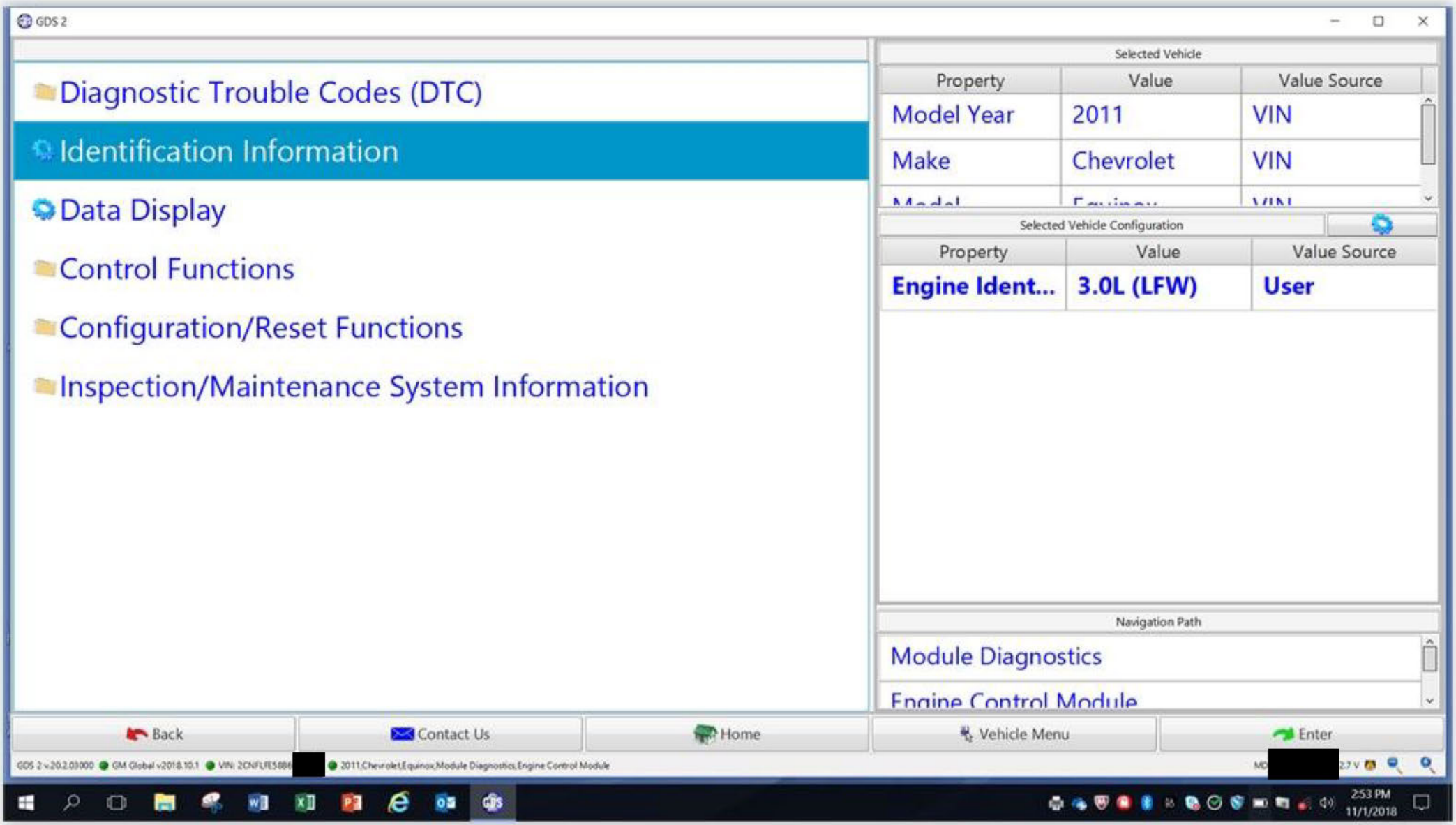
Vehicle Menu
Enter
2:52 PM
11/1/2018


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Inspection/Maintenance System Information
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
Module Diagnostics
Engine Control Module
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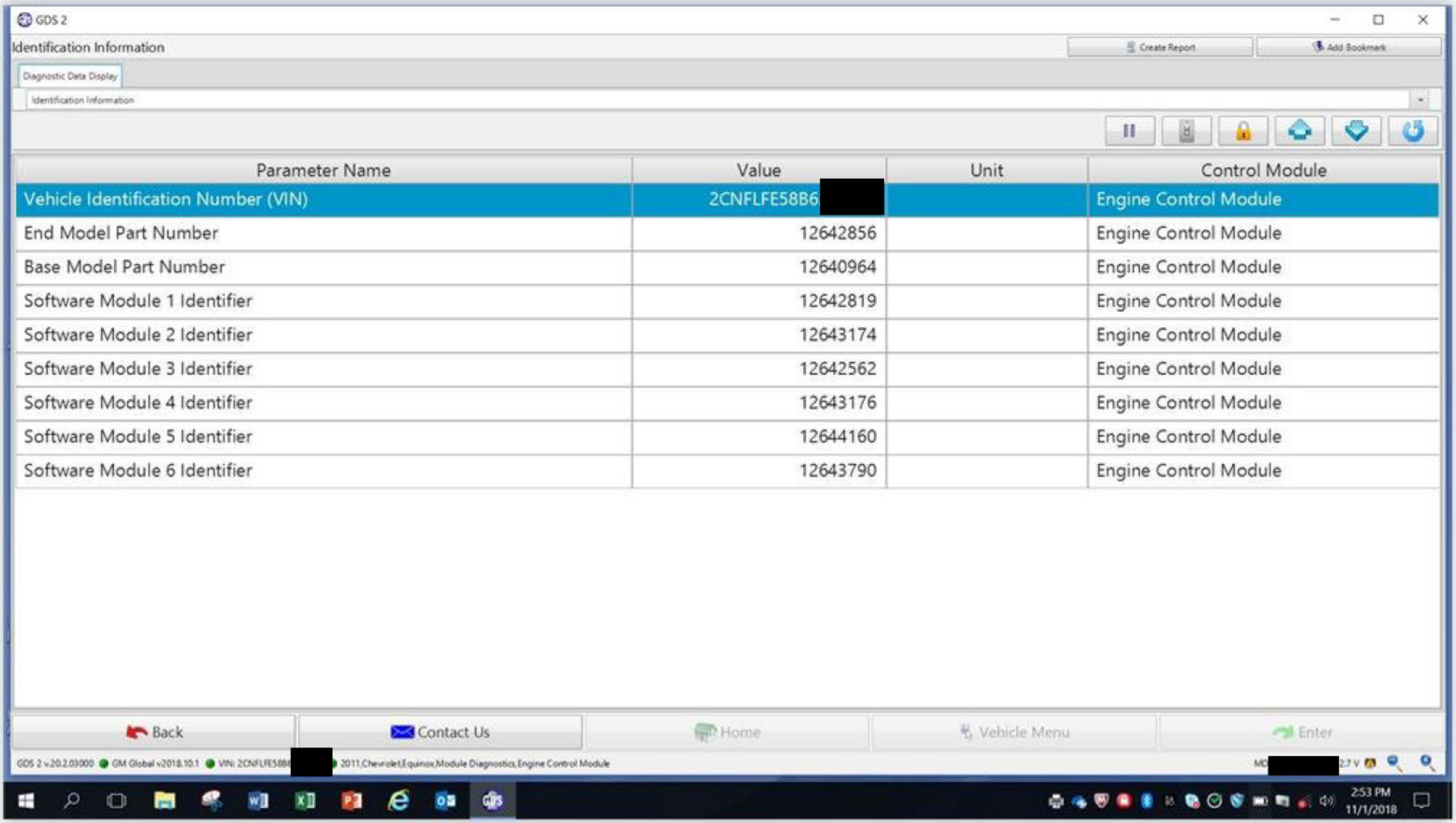
Vehicle Menu
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
2:53 PM
11/1/2018


GDS 2
Identification Information
Create Report
Add Bookmark
Diagnostic Data Display
Identification Information
Parameter Name
Value
Unit
Control Module
Vehicle Identification Number (VIN)
2CNFLFE58B6
Engine Control Module
End Model Part Number
12642856
Engine Control Module
Base Model Part Number
12640964
Engine Control Module
Software Module 1 Identifier
12642819
Engine Control Module
Software Module 2 Identifier
12643174
Engine Control Module
Software Module 3 Identifier
12642562
Engine Control Module
Software Module 4 Identifier
12643176
Engine Control Module
Software Module 5 Identifier
12644160
Engine Control Module
Software Module 6 Identifier
12643790
Engine Control Module
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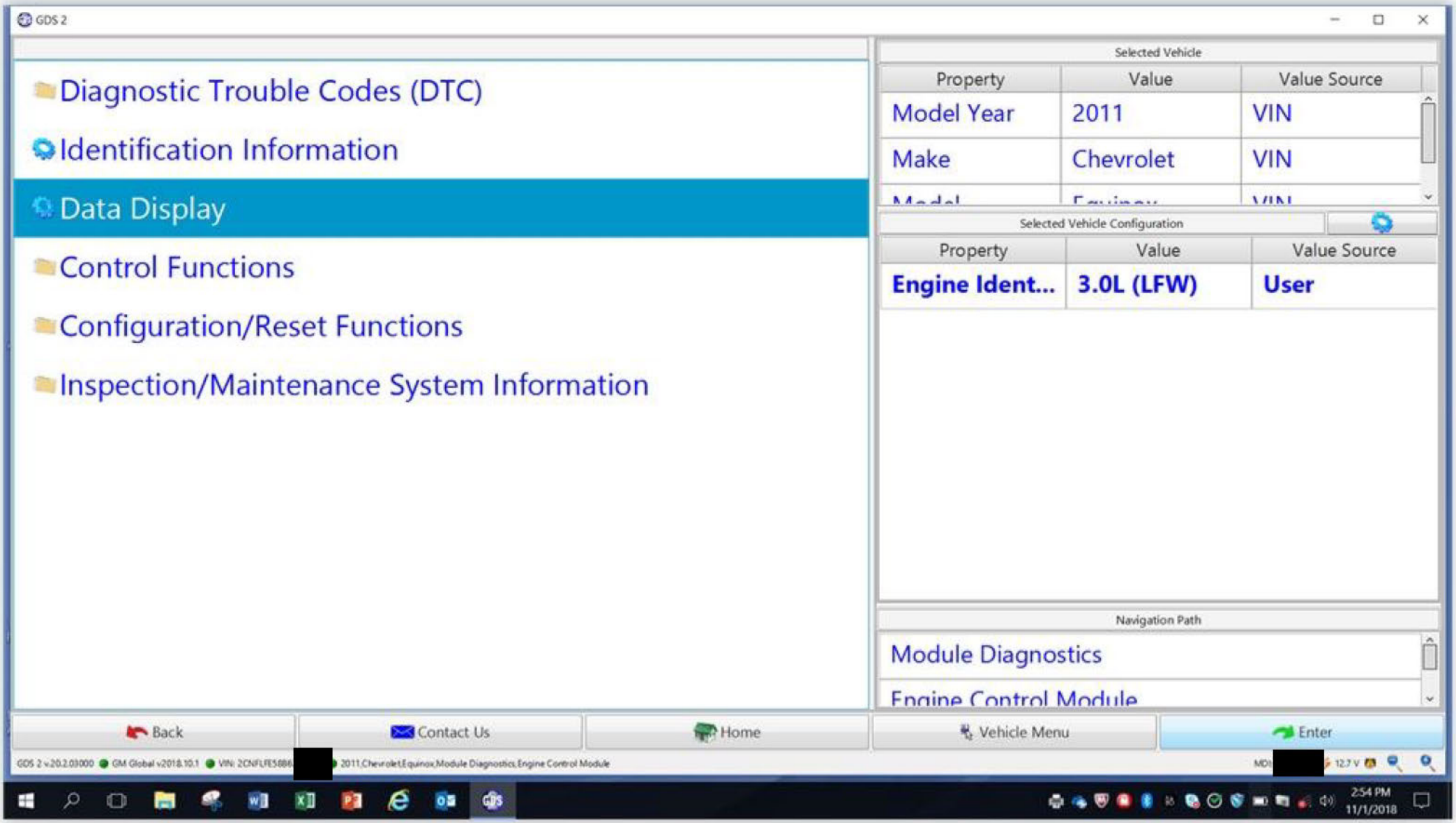
Enter
GDS 2 v.20.2.03000
GM Global v2018.10.1
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
2:53 PM
11/1/2018


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Inspection/Maintenance System Information
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
Module Diagnostics
Engine Control Module
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Enter
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
2:54 PM
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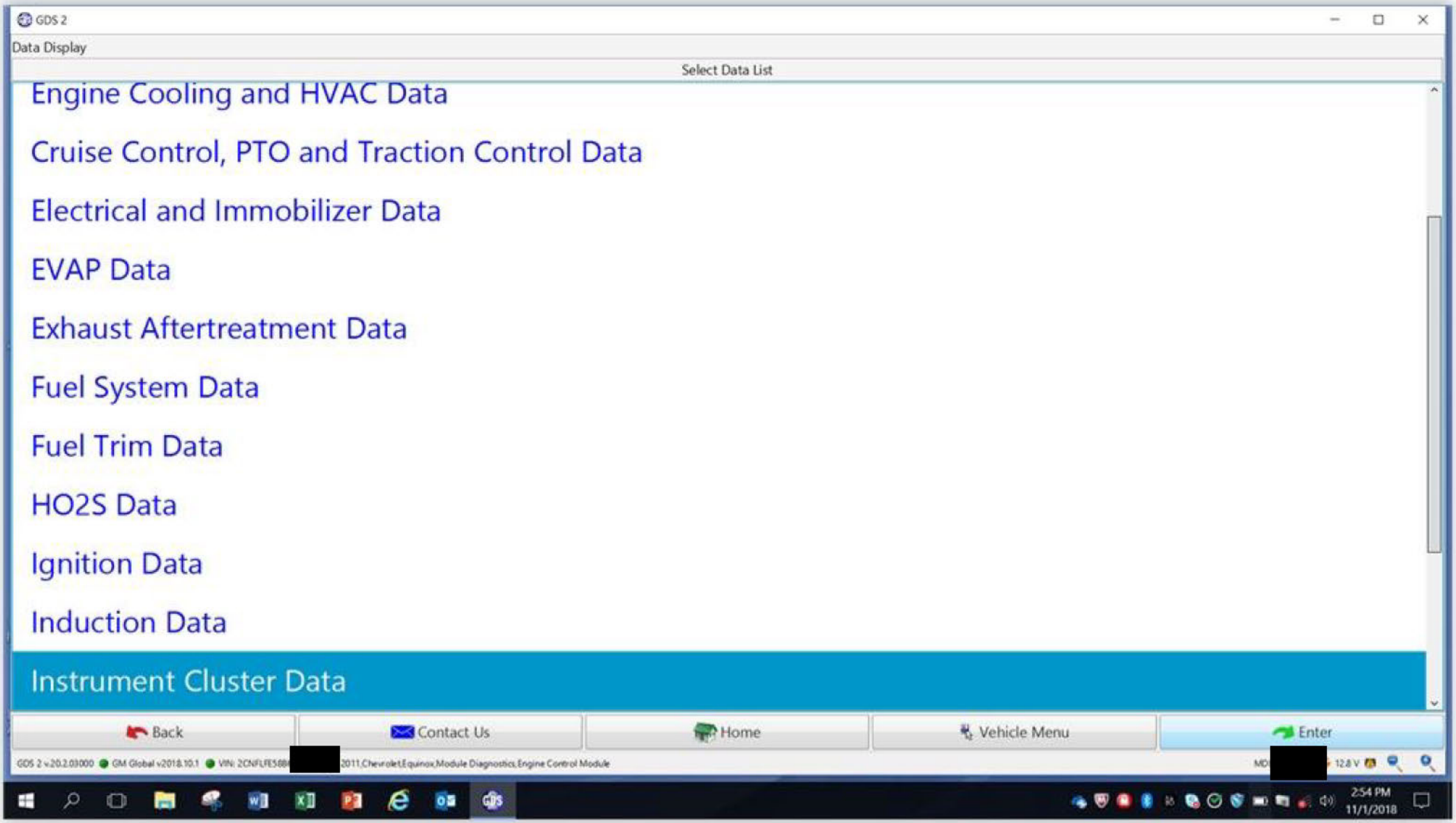
GDS 2
Data Display
Select Data List
Engine Cooling and HVAC Data
Cruise Control, PTO and Traction Control Data
Electrical and Immobilizer Data
EVAP Data
Exhaust Aftertreatment Data
Fuel System Data
Fuel Trim Data
HO2S Data
Ignition Data
Induction Data
Instrument Cluster Data
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Enter
2:54 PM
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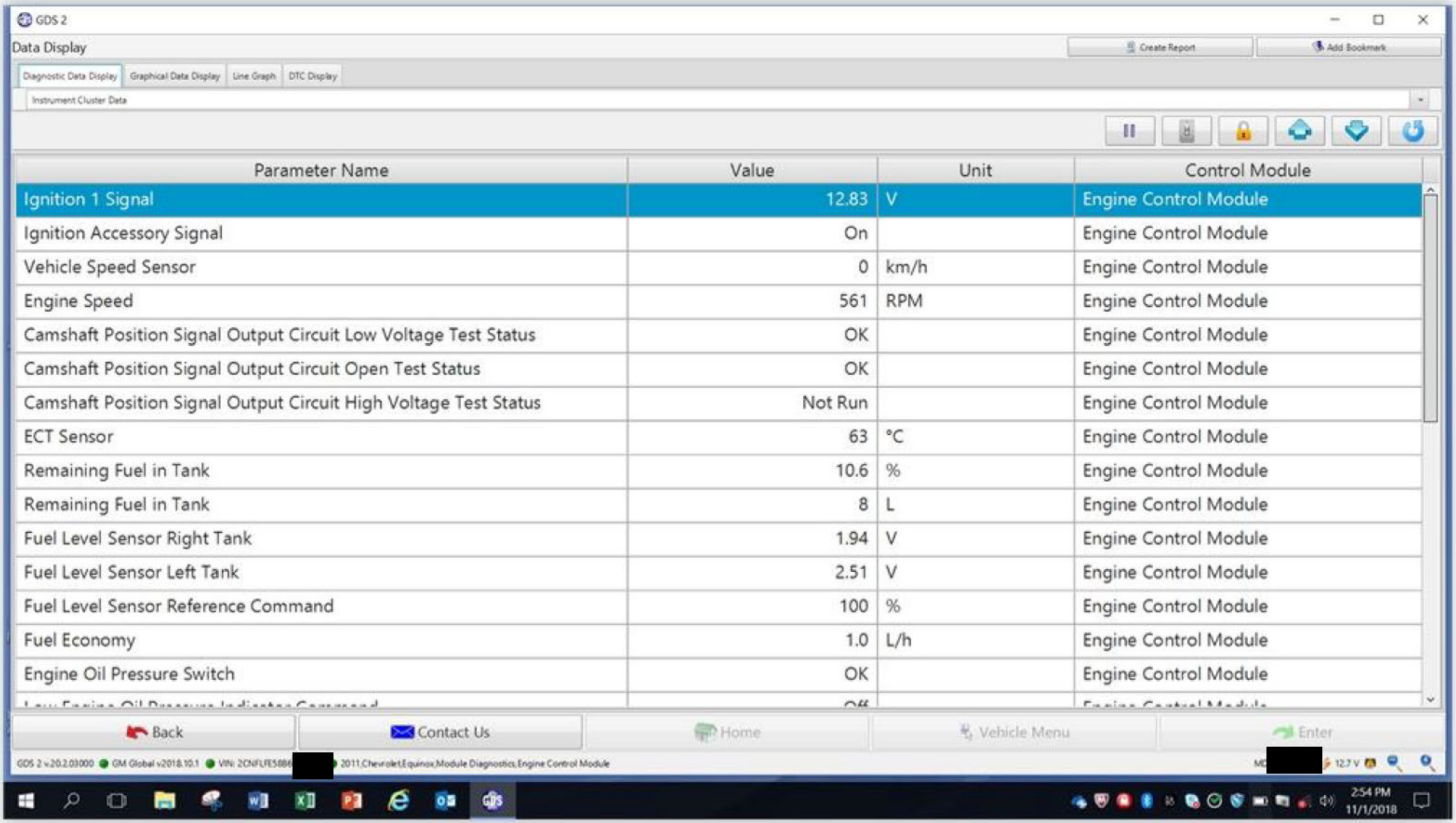
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
Instrument Cluster Data
Parameter Name
Value
Unit
Control Module
Ignition 1 Signal
12.83
V
Engine Control Module
Ignition Accessory Signal
On
Engine Control Module
Vehicle Speed Sensor
0
km/h
Engine Control Module
Engine Speed
561
RPM
Engine Control Module
Camshaft Position Signal Output Circuit Low Voltage Test Status
OK
Engine Control Module
Camshaft Position Signal Output Circuit Open Test Status
OK
Engine Control Module
Camshaft Position Signal Output Circuit High Voltage Test Status
Not Run
Engine Control Module
ECT Sensor
63
°C
Engine Control Module
Remaining Fuel in Tank
10.6
%
Engine Control Module
Remaining Fuel in Tank
8
L
Engine Control Module
Fuel Level Sensor Right Tank
1.94
V
Engine Control Module
Fuel Level Sensor Left Tank
2.51
V
Engine Control Module
Fuel Level Sensor Reference Command
100
%
Engine Control Module
Fuel Economy
1.0
L/h
Engine Control Module
Engine Oil Pressure Switch
OK
Engine Control Module
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GDS 2 v.20.2.03000
GM Global v2018.10.1
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
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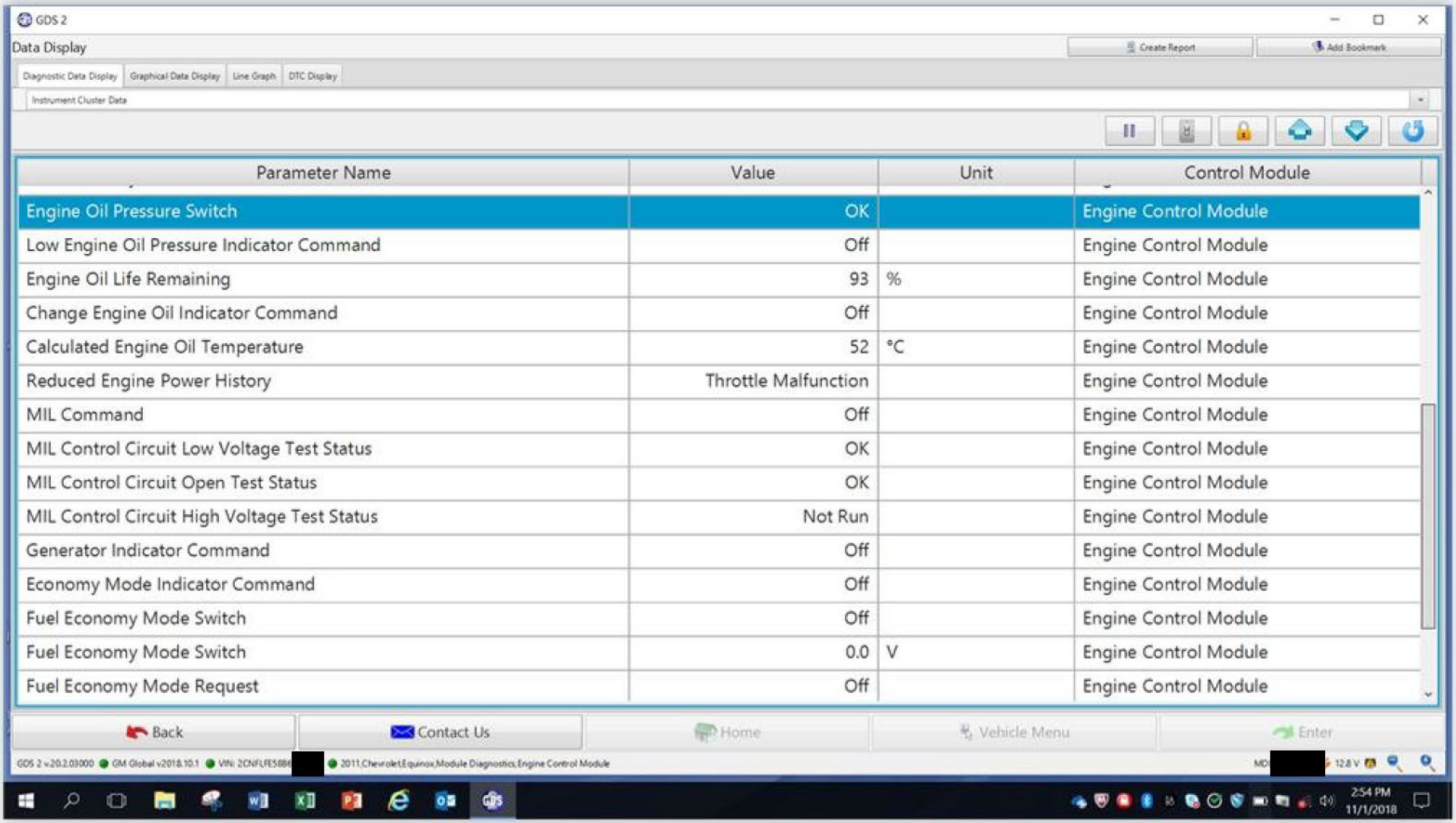
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
Instrument Cluster Data
Parameter Name
Value
Unit
Control Module
Engine Oil Pressure Switch
OK
Engine Control Module
Low Engine Oil Pressure Indicator Command
Off
Engine Control Module
Engine Oil Life Remaining
93
%
Engine Control Module
Change Engine Oil Indicator Command
Off
Engine Control Module
Calculated Engine Oil Temperature
52
°C
Engine Control Module
Reduced Engine Power History
Throttle Malfunction
Engine Control Module
MIL Command
Off
Engine Control Module
MIL Control Circuit Low Voltage Test Status
OK
Engine Control Module
MIL Control Circuit Open Test Status
OK
Engine Control Module
MIL Control Circuit High Voltage Test Status
Not Run
Engine Control Module
Generator Indicator Command
Off
Engine Control Module
Economy Mode Indicator Command
Off
Engine Control Module
Fuel Economy Mode Switch
Off
Engine Control Module
Fuel Economy Mode Switch
0.0
V
Engine Control Module
Fuel Economy Mode Request
Off
Engine Control Module
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Enter
2:54 PM
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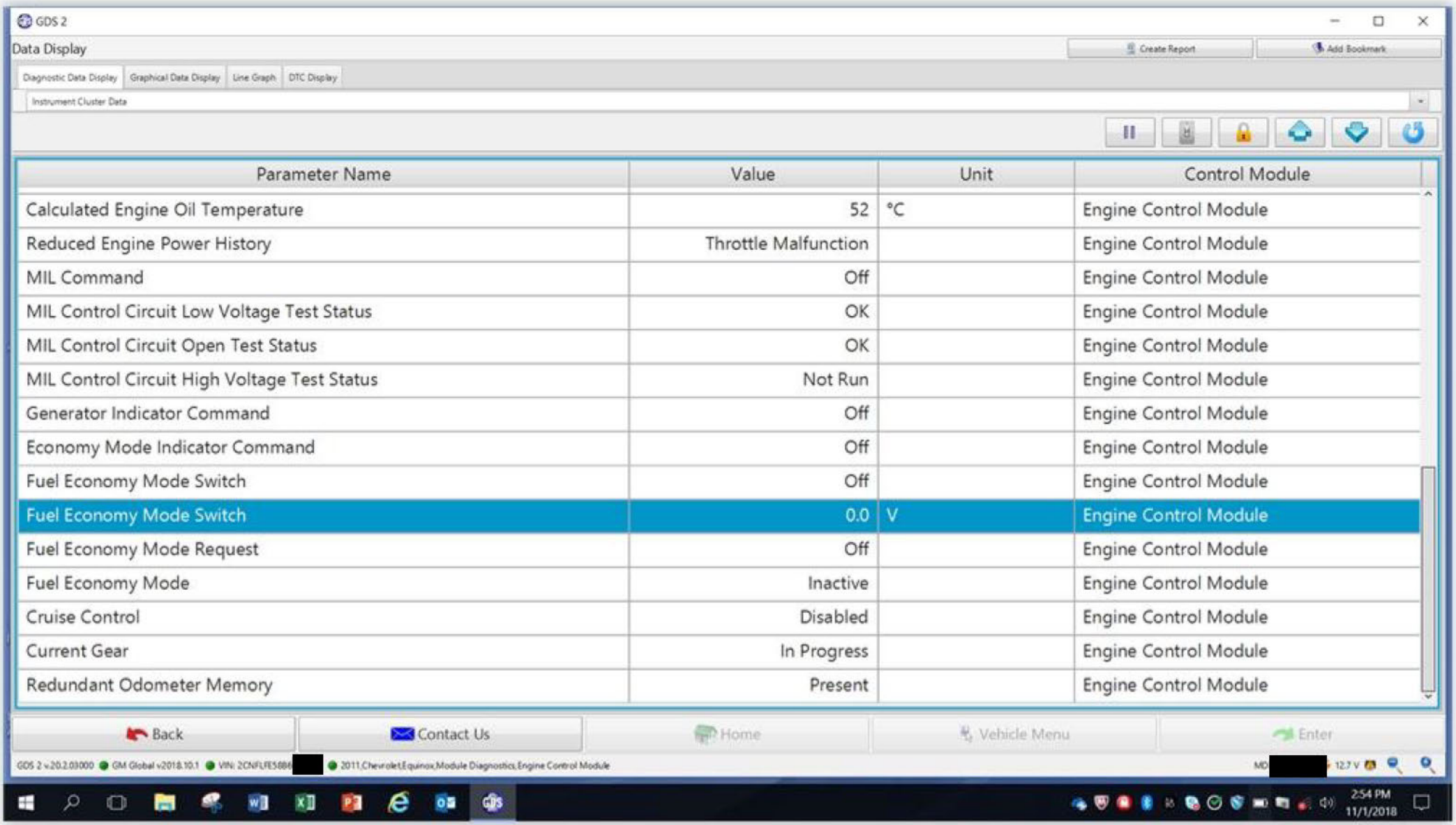
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
Instrument Cluster Data
Parameter Name
Value
Unit
Control Module
Calculated Engine Oil Temperature
52
°C
Engine Control Module
Reduced Engine Power History
Throttle Malfunction
Engine Control Module
MIL Command
Off
Engine Control Module
MIL Control Circuit Low Voltage Test Status
OK
Engine Control Module
MIL Control Circuit Open Test Status
OK
Engine Control Module
MIL Control Circuit High Voltage Test Status
Not Run
Engine Control Module
Generator Indicator Command
Off
Engine Control Module
Economy Mode Indicator Command
Off
Engine Control Module
Fuel Economy Mode Switch
Off
Engine Control Module
Fuel Economy Mode Switch
0.0
V
Engine Control Module
Fuel Economy Mode Request
Off
Engine Control Module
Fuel Economy Mode
Inactive
Engine Control Module
Cruise Control
Disabled
Engine Control Module
Current Gear
In Progress
Engine Control Module
Redundant Odometer Memory
Present
Engine Control Module
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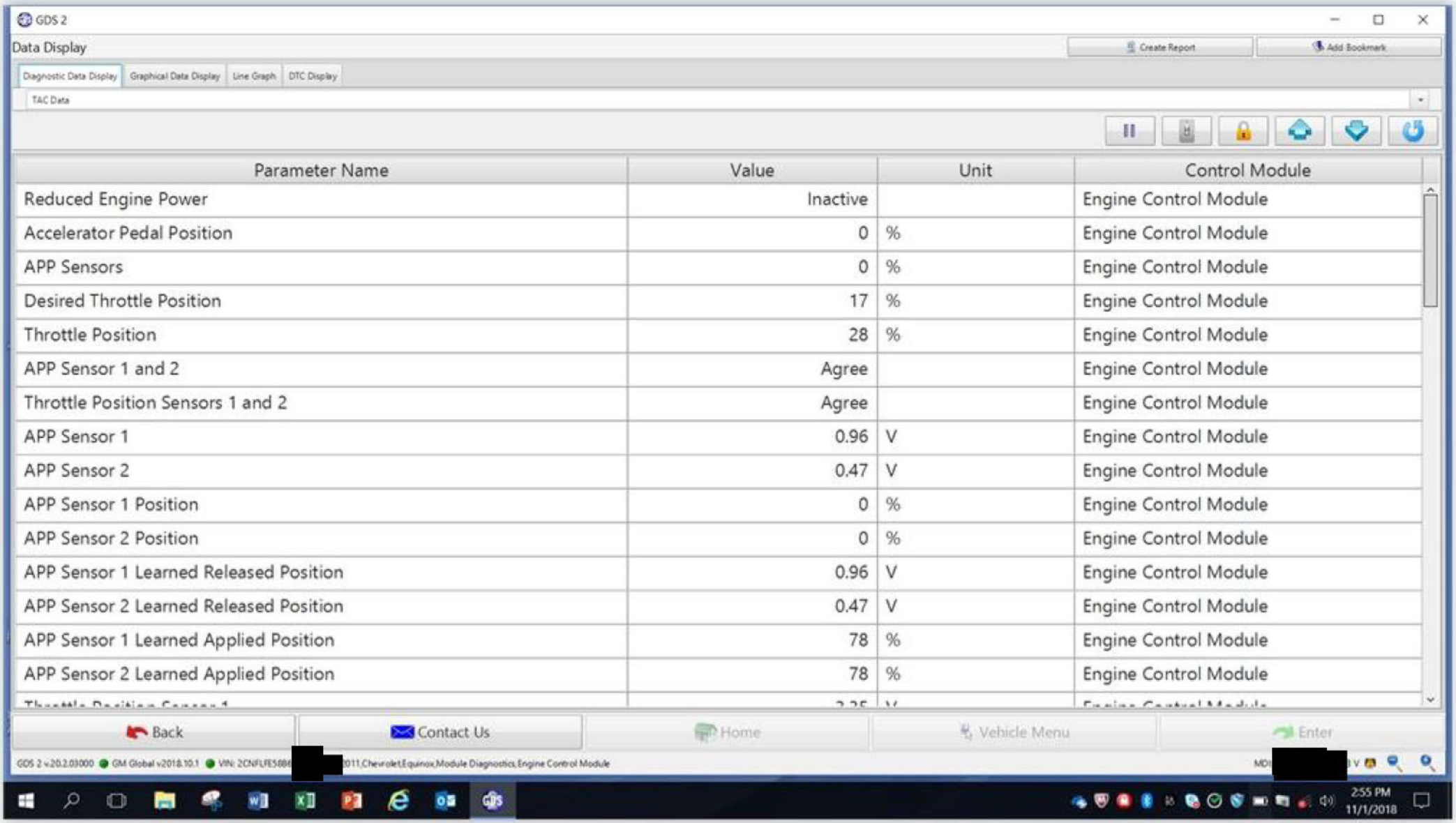
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
0
%
Engine Control Module
APP Sensors
0
%
Engine Control Module
Desired Throttle Position
17
%
Engine Control Module
Throttle Position
28
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
0.96
V
Engine Control Module
APP Sensor 2
0.47
V
Engine Control Module
APP Sensor 1 Position
0
%
Engine Control Module
APP Sensor 2 Position
0
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
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Enter
2:55 PM
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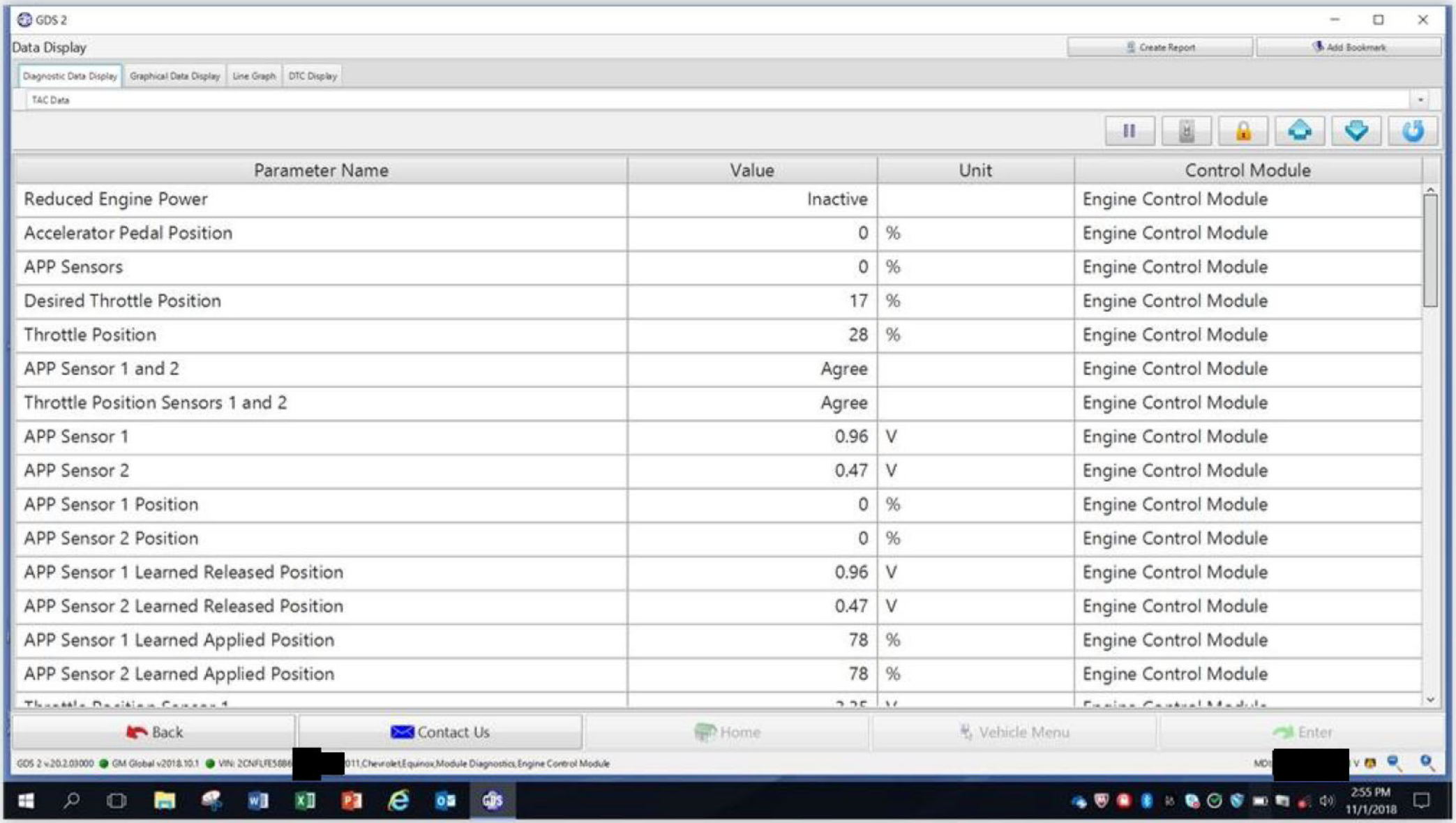
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
0
%
Engine Control Module
APP Sensors
0
%
Engine Control Module
Desired Throttle Position
17
%
Engine Control Module
Throttle Position
28
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
0.96
V
Engine Control Module
APP Sensor 2
0.47
V
Engine Control Module
APP Sensor 1 Position
0
%
Engine Control Module
APP Sensor 2 Position
0
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
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2:55 PM
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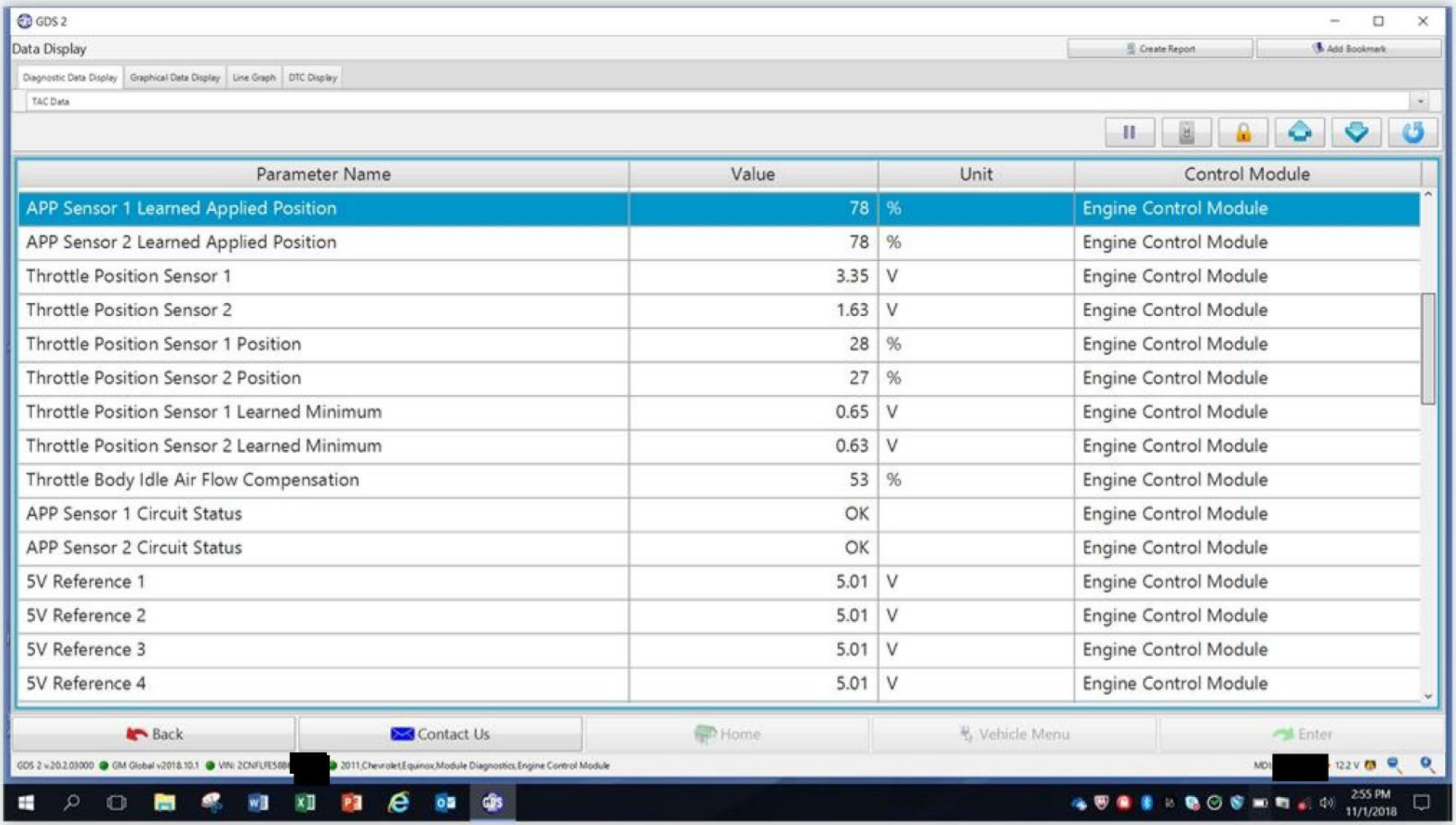
GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
Throttle Position Sensor 1
3.35
V
Engine Control Module
Throttle Position Sensor 2
1.63
V
Engine Control Module
Throttle Position Sensor 1 Position
28
%
Engine Control Module
Throttle Position Sensor 2 Position
27
%
Engine Control Module
Throttle Position Sensor 1 Learned Minimum
0.65
V
Engine Control Module
Throttle Position Sensor 2 Learned Minimum
0.63
V
Engine Control Module
Throttle Body Idle Air Flow Compensation
53
%
Engine Control Module
APP Sensor 1 Circuit Status
OK
Engine Control Module
APP Sensor 2 Circuit Status
OK
Engine Control Module
5V Reference 1
5.01
V
Engine Control Module
5V Reference 2
5.01
V
Engine Control Module
5V Reference 3
5.01
V
Engine Control Module
5V Reference 4
5.01
V
Engine Control Module
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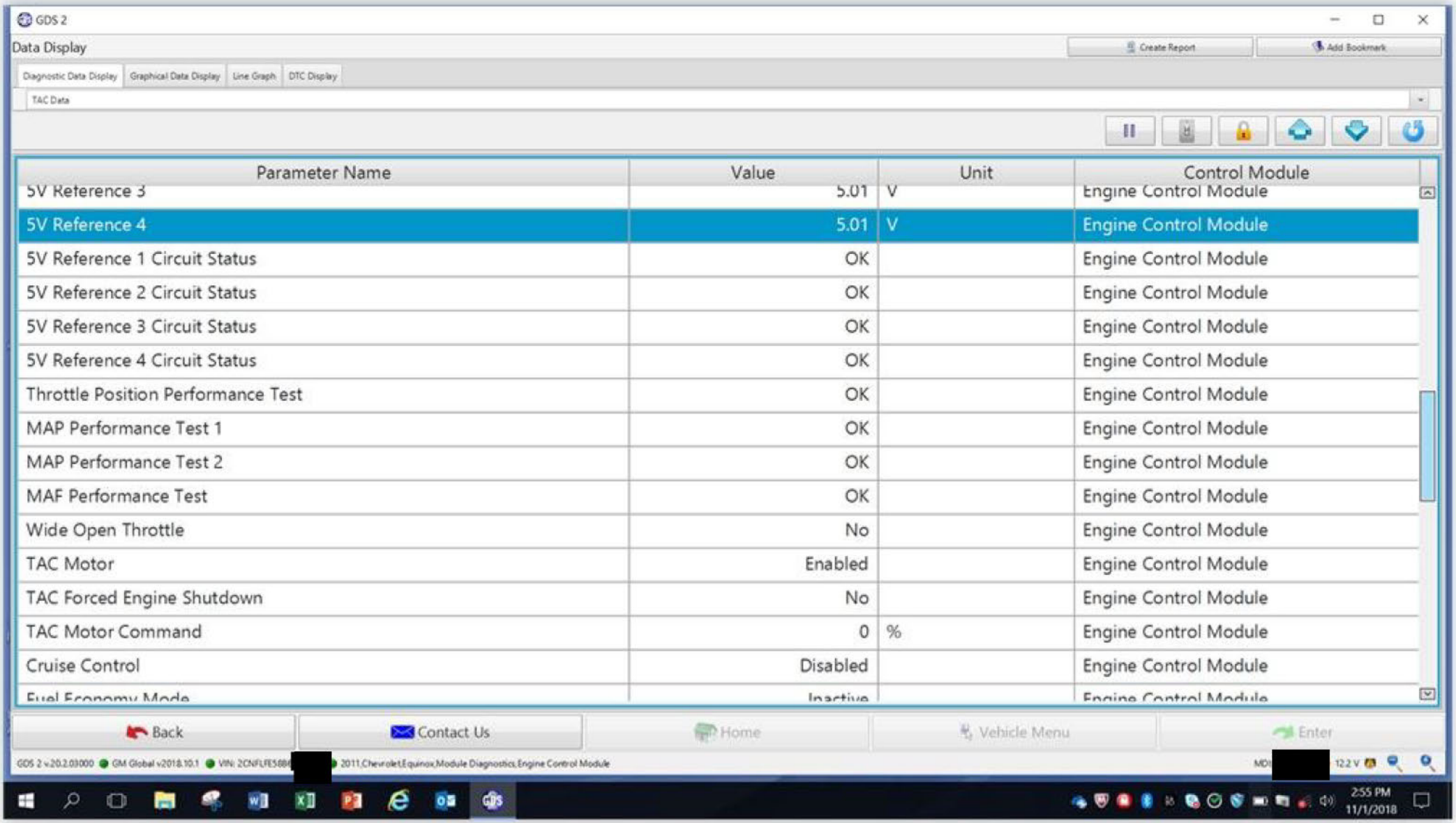
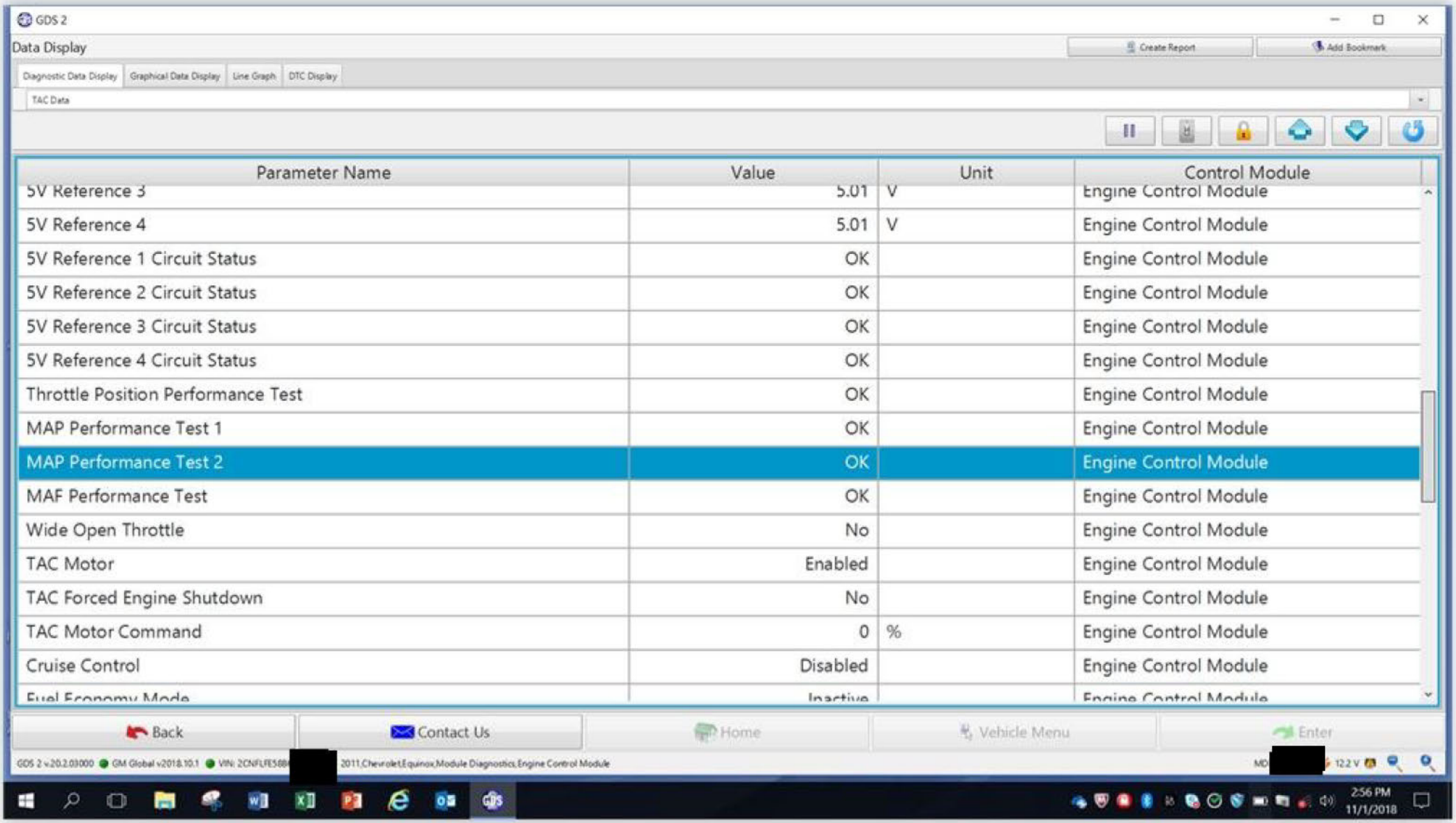
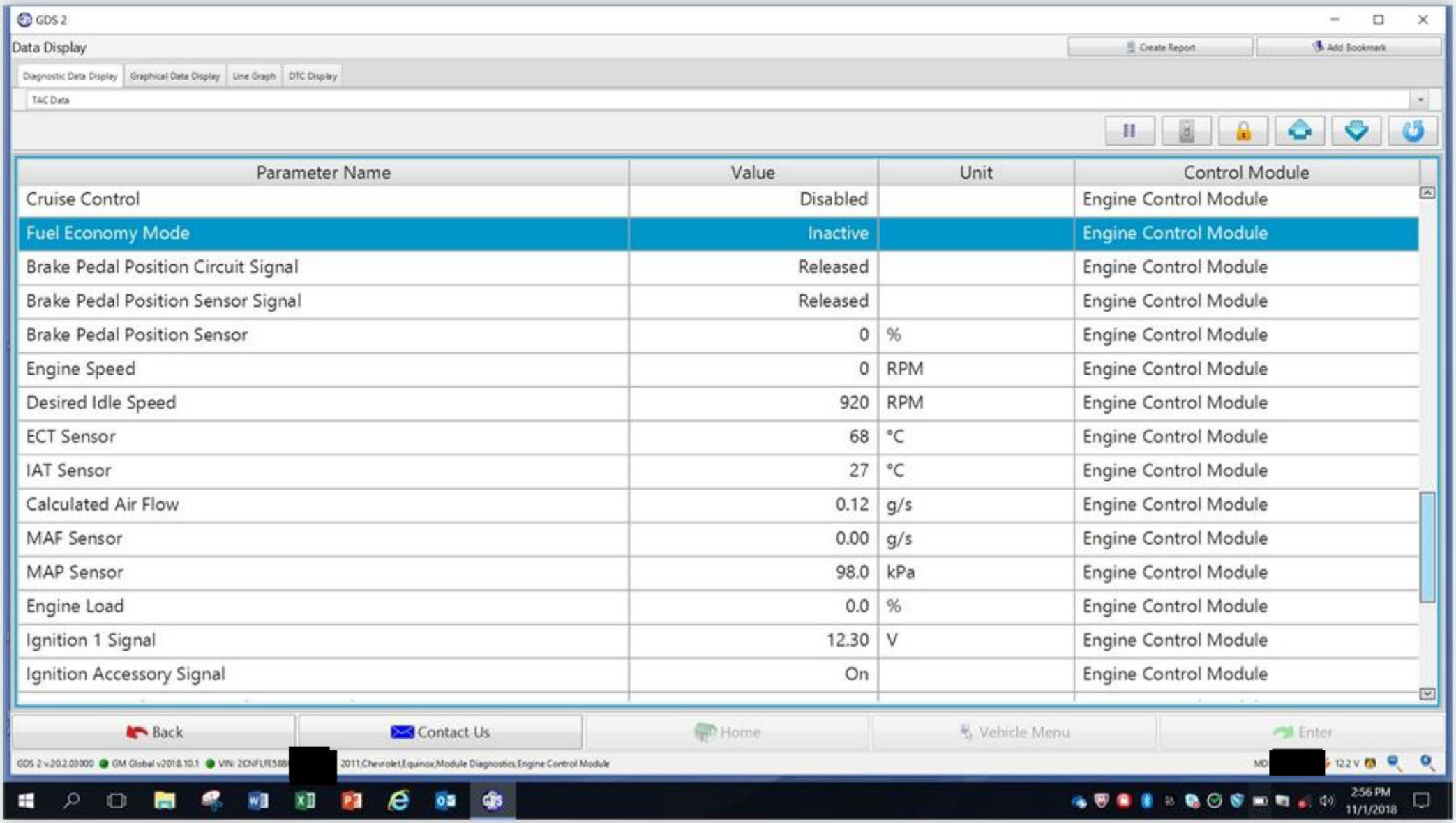
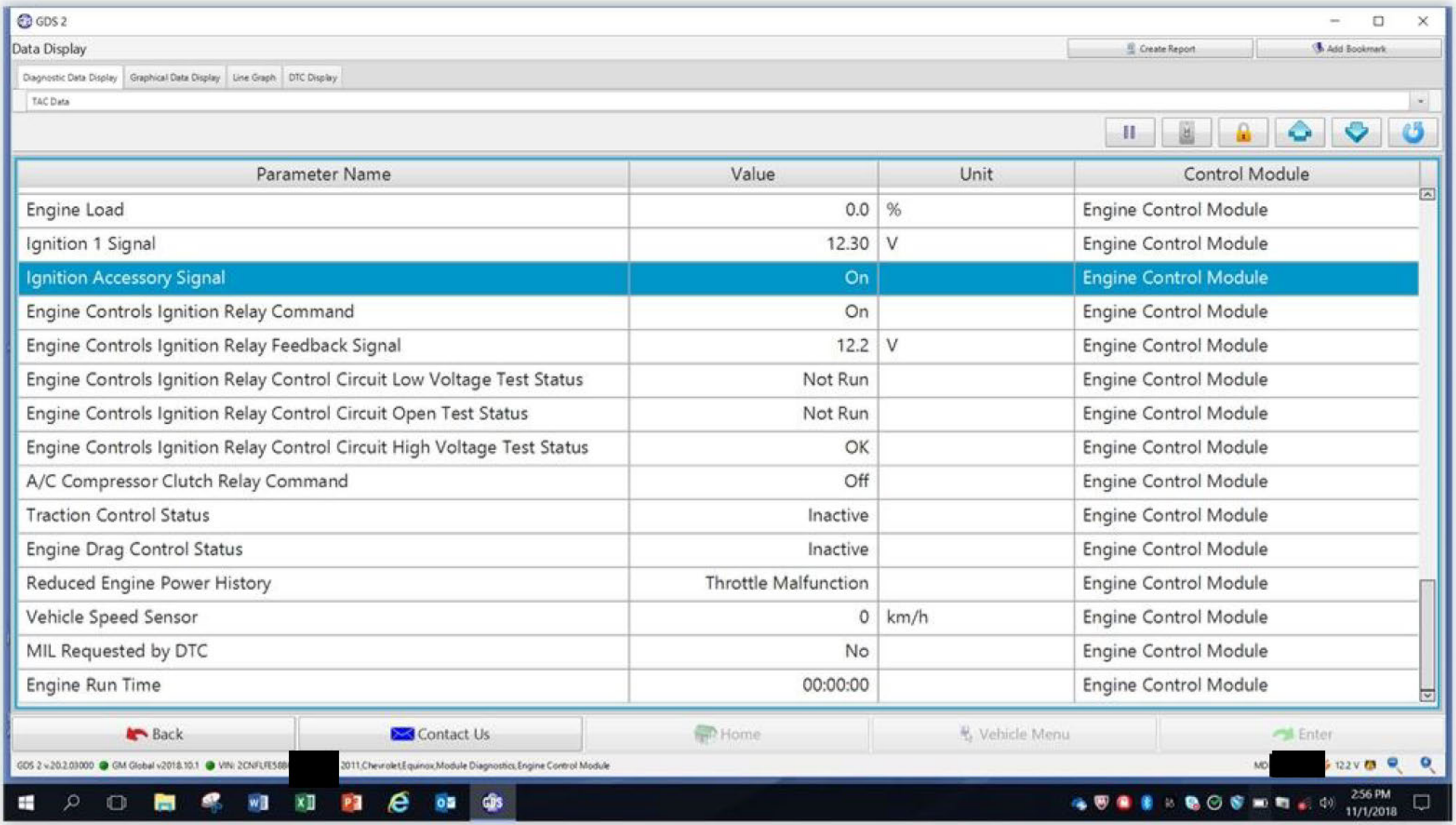
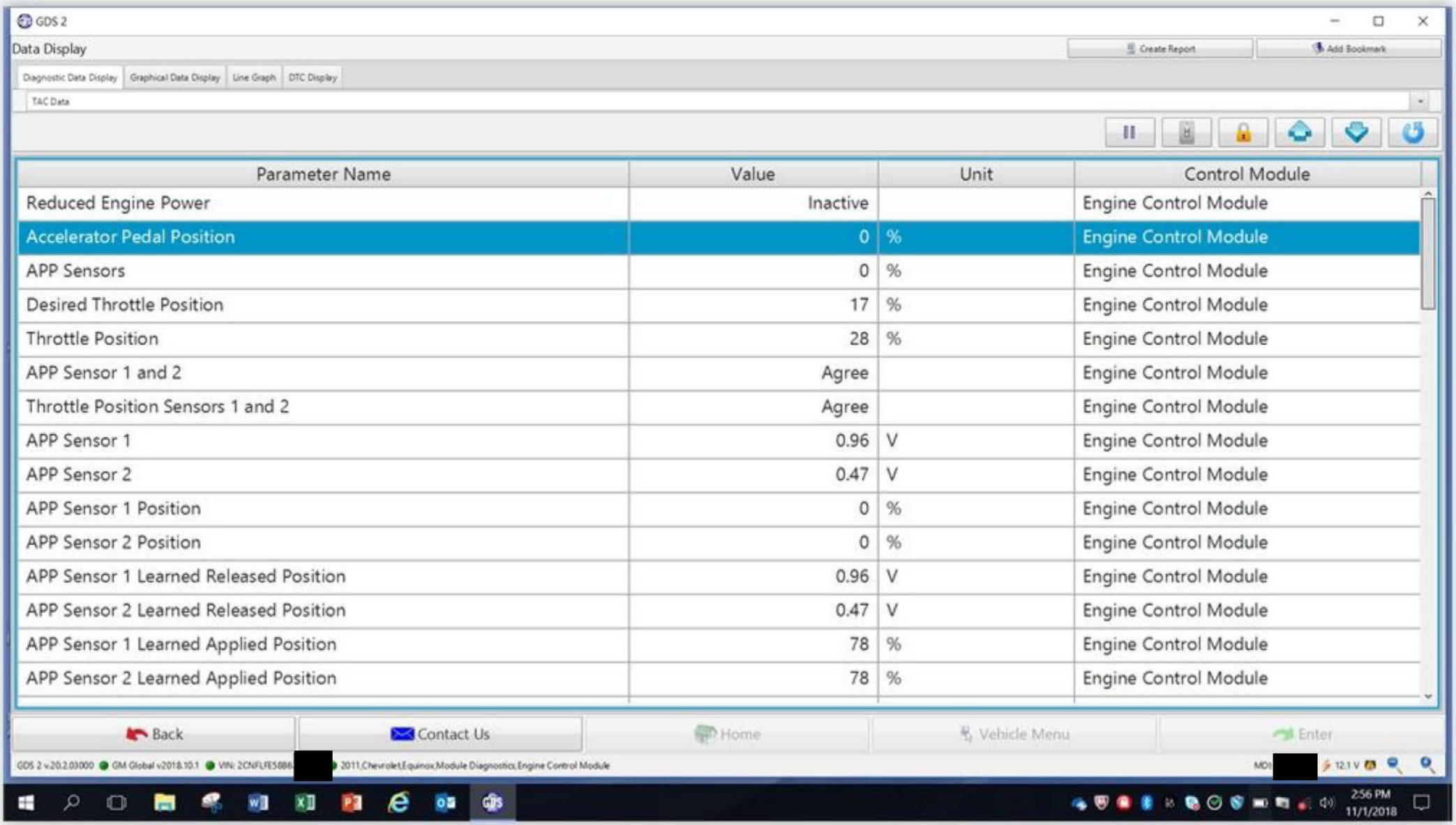
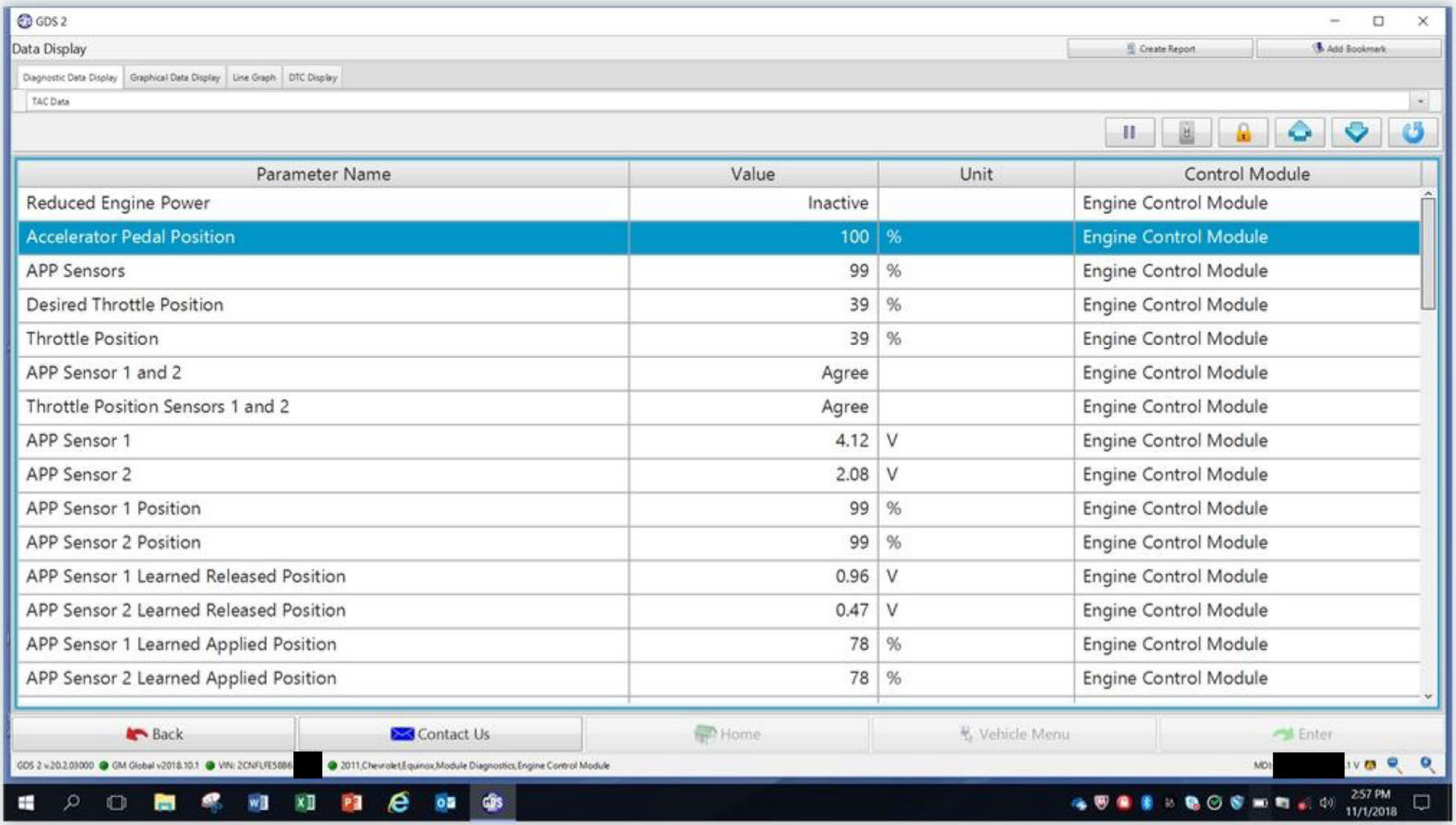

GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
5V Reference 3
5.01
V
Engine Control Module
5V Reference 4
5.01
V
Engine Control Module
5V Reference 1 Circuit Status
OK
Engine Control Module
5V Reference 2 Circuit Status
OK
Engine Control Module
5V Reference 3 Circuit Status
OK
Engine Control Module
5V Reference 4 Circuit Status
OK
Engine Control Module
Throttle Position Performance Test
OK
Engine Control Module
MAP Performance Test 1
OK
Engine Control Module
MAP Performance Test 2
OK
Engine Control Module
MAF Performance Test
OK
Engine Control Module
Wide Open Throttle
No
Engine Control Module
TAC Motor
Enabled
Engine Control Module
TAC Forced Engine Shutdown
No
Engine Control Module
TAC Motor Command
0
%
Engine Control Module
Cruise Control
Disabled
Engine Control Module
Fuel Economy Mode
Inactive
Engine Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v20.2.03000
GM Global v2018.10.1
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
12.2 V
2:55 PM
11/1/2018

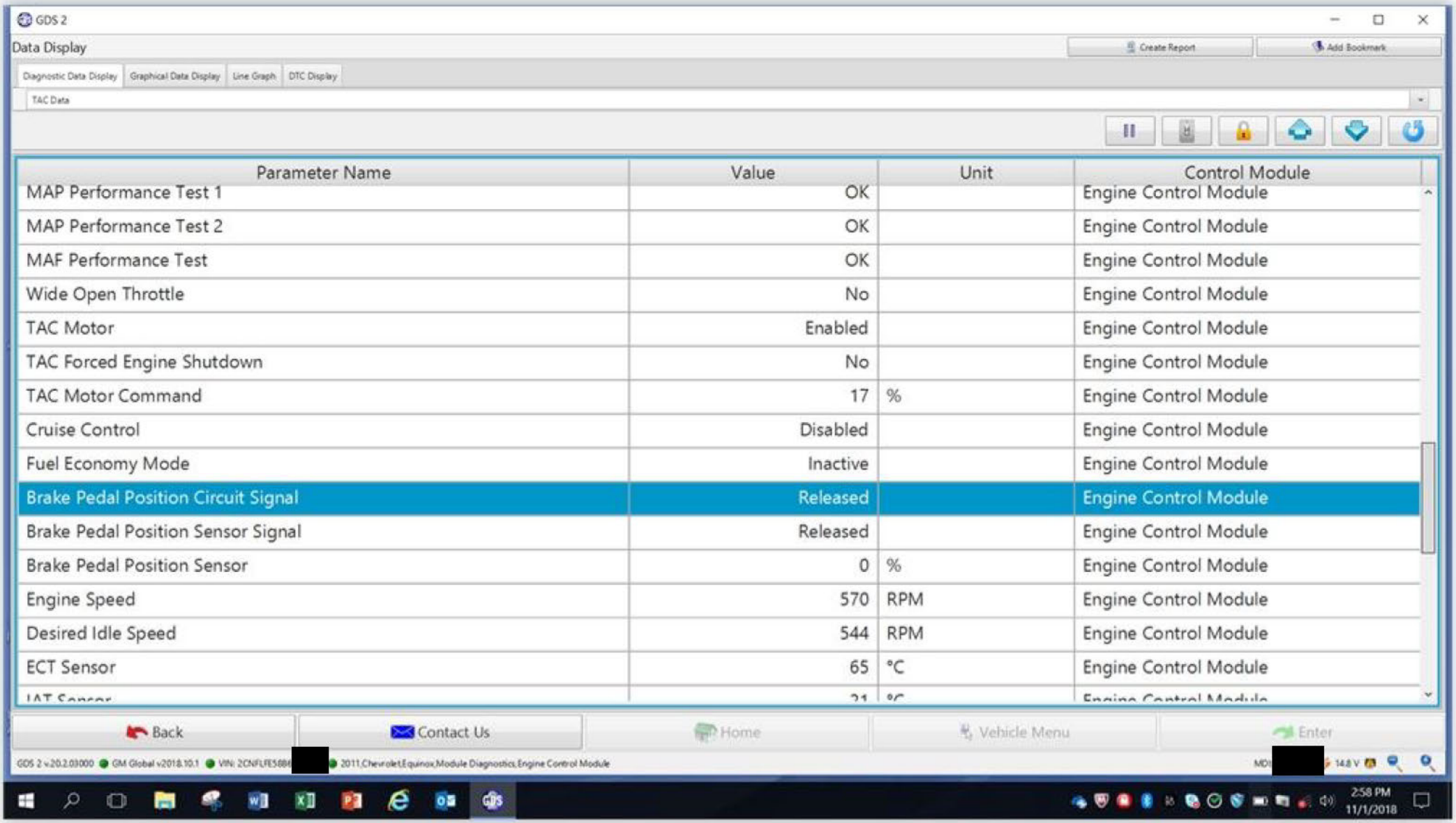

GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
5V Reference 3
5.01
V
Engine Control Module
5V Reference 4
5.01
V
Engine Control Module
5V Reference 1 Circuit Status
OK
Engine Control Module
5V Reference 2 Circuit Status
OK
Engine Control Module
5V Reference 3 Circuit Status
OK
Engine Control Module
5V Reference 4 Circuit Status
OK
Engine Control Module
Throttle Position Performance Test
OK
Engine Control Module
MAP Performance Test 1
OK
Engine Control Module
MAP Performance Test 2
OK
Engine Control Module
MAF Performance Test
OK
Engine Control Module
Wide Open Throttle
No
Engine Control Module
TAC Motor
Enabled
Engine Control Module
TAC Forced Engine Shutdown
No
Engine Control Module
TAC Motor Command
0
%
Engine Control Module
Cruise Control
Disabled
Engine Control Module
Fuel Economy Mode
Inactive
Engine Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v20.2.03000
GM Global v2018.10.1
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
12.2 V
2:56 PM
11/1/2018

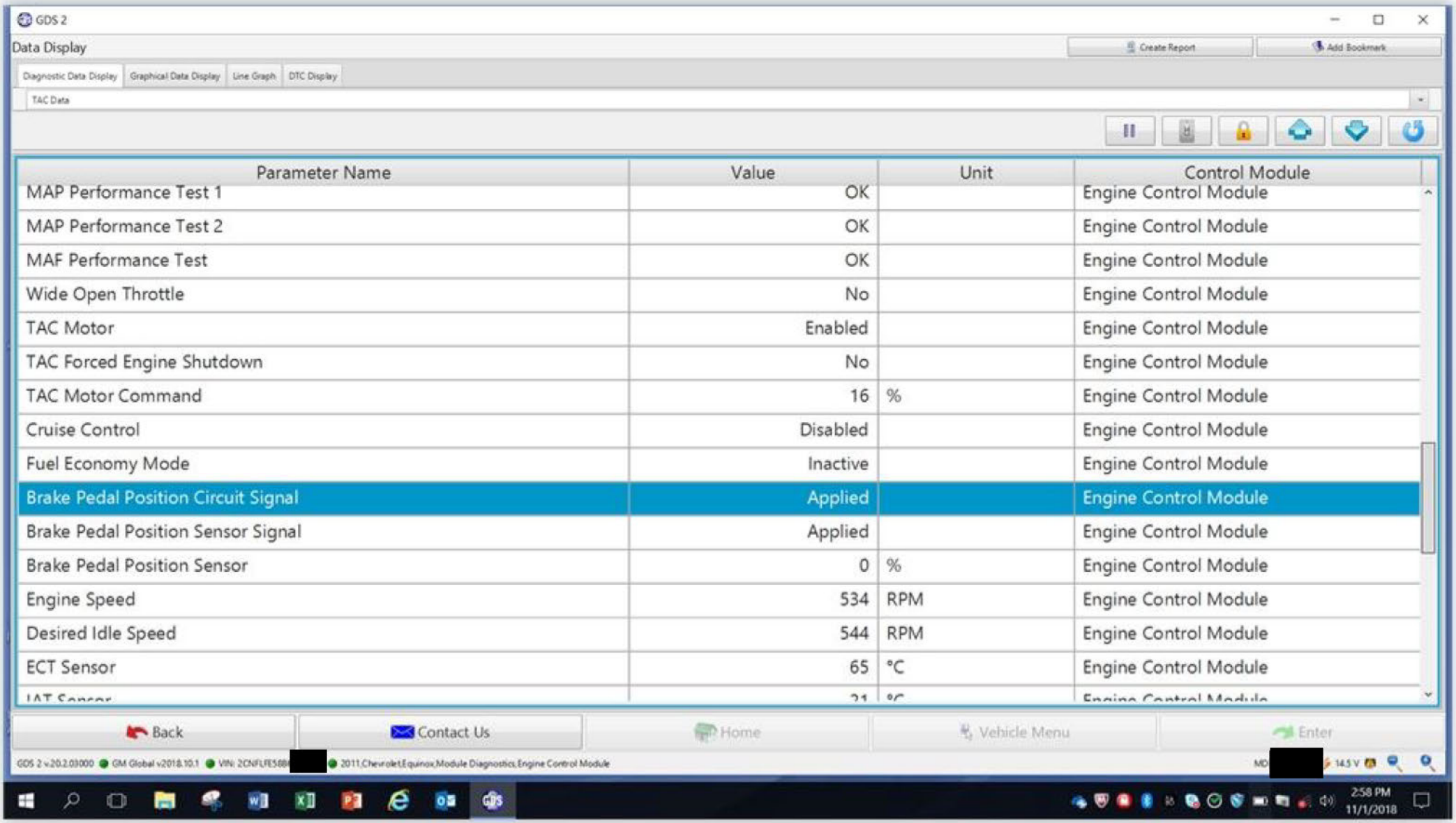

GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Cruise Control
Disabled
Engine Control Module
Fuel Economy Mode
Inactive
Engine Control Module
Brake Pedal Position Circuit Signal
Released
Engine Control Module
Brake Pedal Position Sensor Signal
Released
Engine Control Module
Brake Pedal Position Sensor
0
%
Engine Control Module
Engine Speed
0
RPM
Engine Control Module
Desired Idle Speed
920
RPM
Engine Control Module
ECT Sensor
68
°C
Engine Control Module
IAT Sensor
27
°C
Engine Control Module
Calculated Air Flow
0.12
g/s
Engine Control Module
MAF Sensor
0.00
g/s
Engine Control Module
MAP Sensor
98.0
kPa
Engine Control Module
Engine Load
0.0
%
Engine Control Module
Ignition 1 Signal
12.30
V
Engine Control Module
Ignition Accessory Signal
On
Engine Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
2:56 PM
11/1/2018

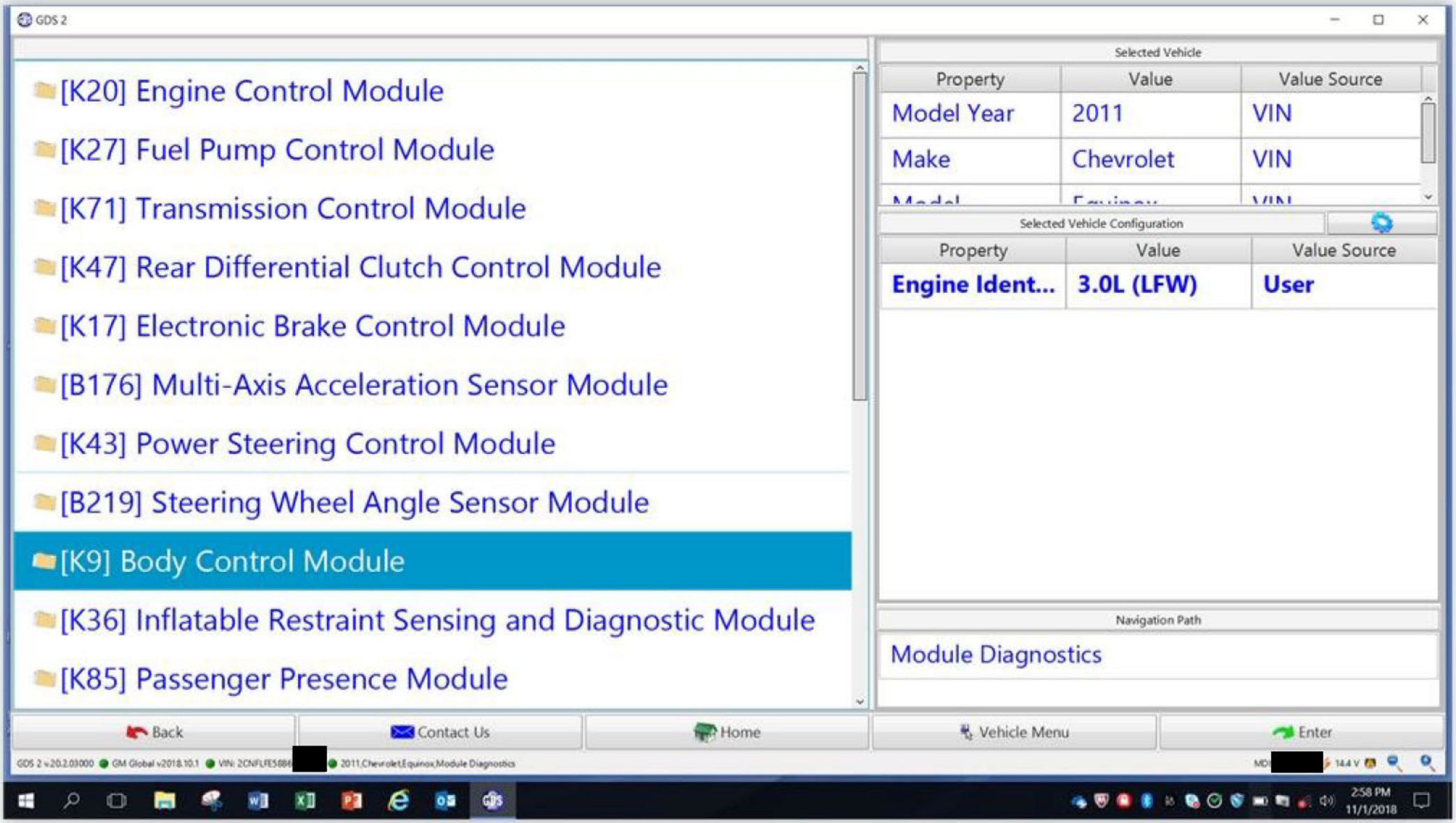

GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Engine Load
0.0
%
Engine Control Module
Ignition 1 Signal
12.30
V
Engine Control Module
Ignition Accessory Signal
On
Engine Control Module
Engine Controls Ignition Relay Command
On
Engine Control Module
Engine Controls Ignition Relay Feedback Signal
12.2
V
Engine Control Module
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status
Not Run
Engine Control Module
Engine Controls Ignition Relay Control Circuit Open Test Status
Not Run
Engine Control Module
Engine Controls Ignition Relay Control Circuit High Voltage Test Status
OK
Engine Control Module
A/C Compressor Clutch Relay Command
Off
Engine Control Module
Traction Control Status
Inactive
Engine Control Module
Engine Drag Control Status
Inactive
Engine Control Module
Reduced Engine Power History
Throttle Malfunction
Engine Control Module
Vehicle Speed Sensor
0
km/h
Engine Control Module
MIL Requested by DTC
No
Engine Control Module
Engine Run Time
00:00:00
Engine Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v20.2.03000
GM Global v2018.10.1
VIN: 2CNFLFE58
2011,Chevrolet,Equinox,Module Diagnostics,Engine Control Module
MD
12.2 V
2:56 PM
11/1/2018

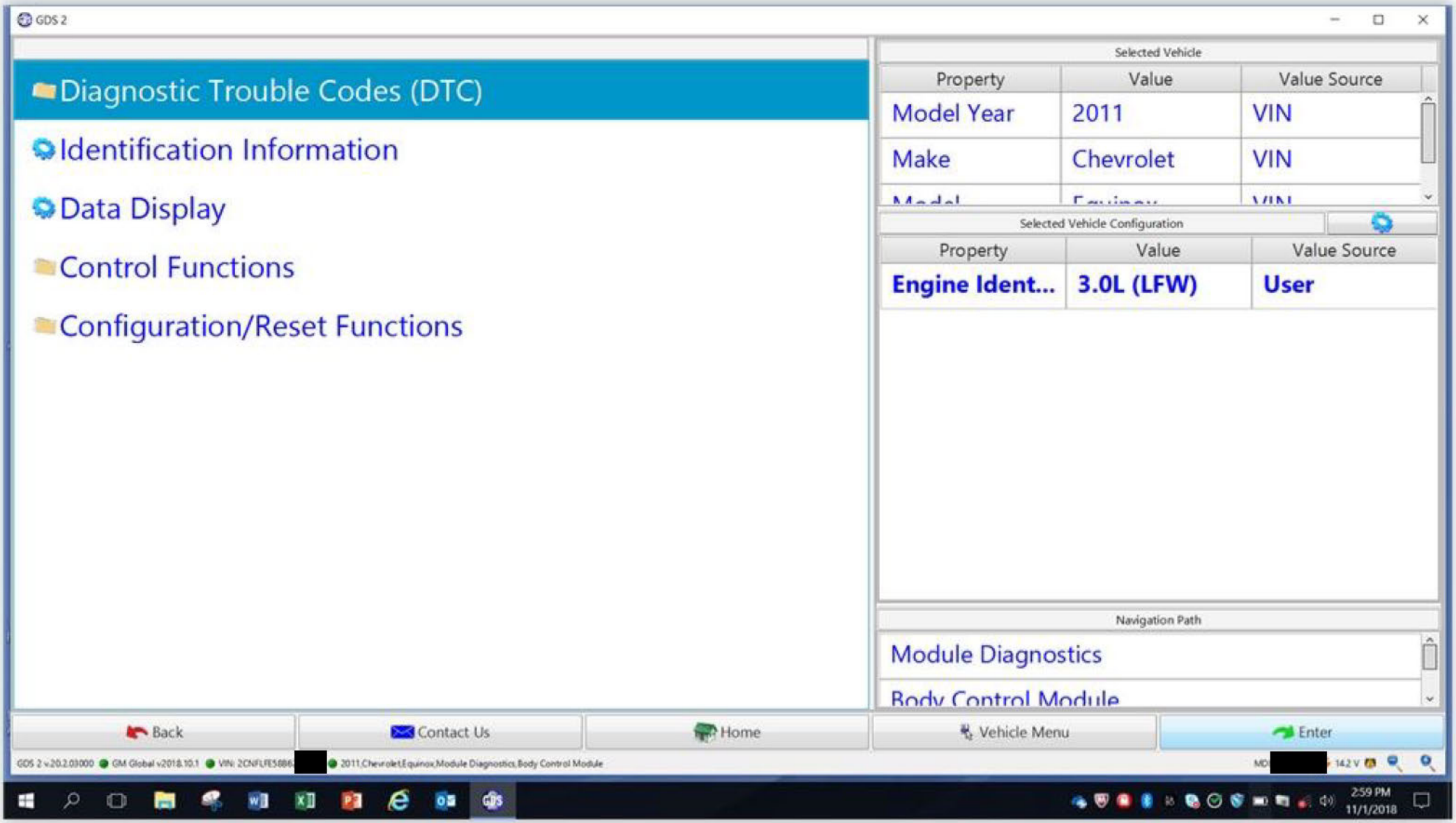

GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
0
%
Engine Control Module
APP Sensors
0
%
Engine Control Module
Desired Throttle Position
17
%
Engine Control Module
Throttle Position
28
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
0.96
V
Engine Control Module
APP Sensor 2
0.47
V
Engine Control Module
APP Sensor 1 Position
0
%
Engine Control Module
APP Sensor 2 Position
0
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
2:56 PM
11/1/2018

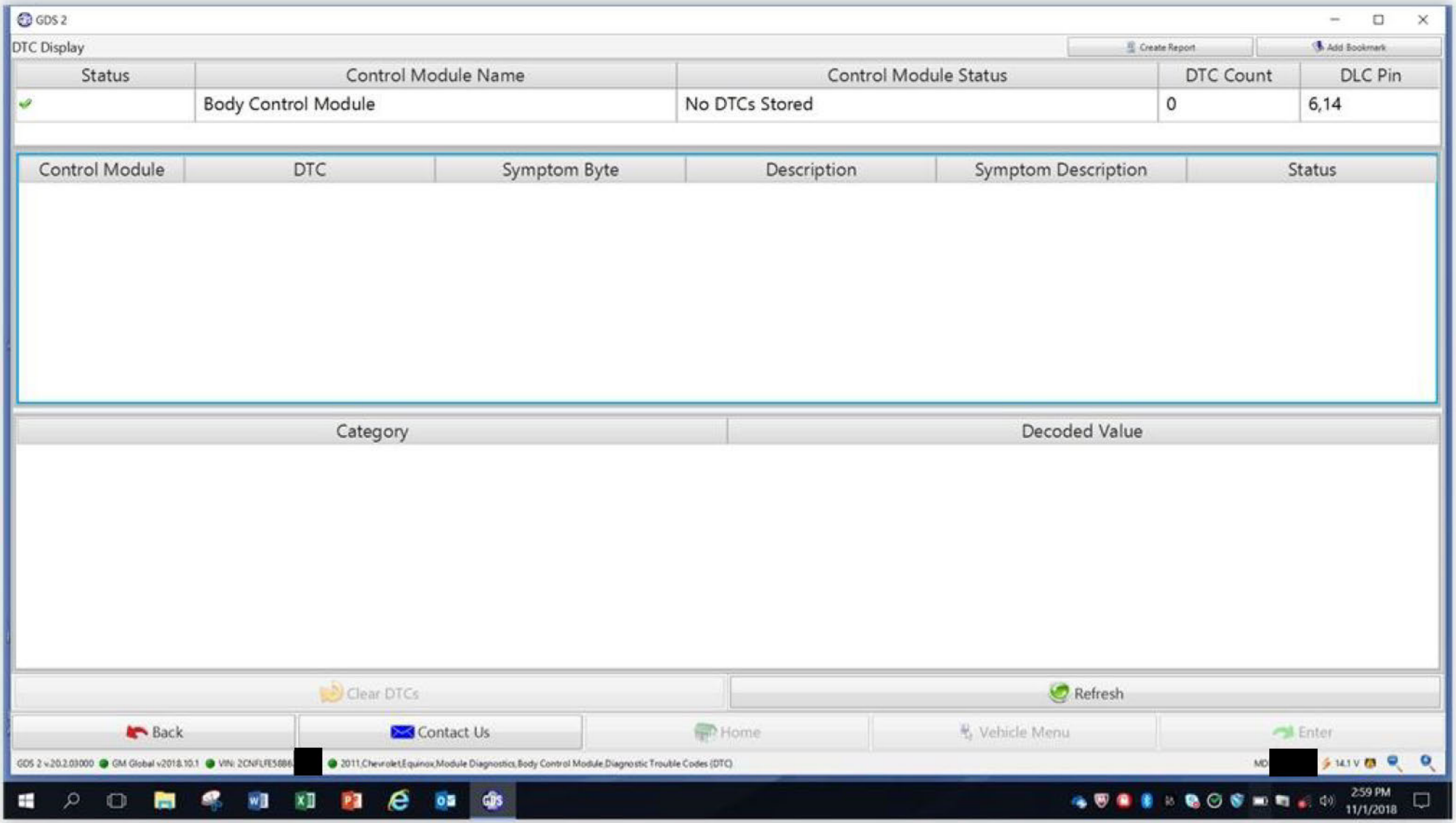

GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
Reduced Engine Power
Inactive
Engine Control Module
Accelerator Pedal Position
100
%
Engine Control Module
APP Sensors
99
%
Engine Control Module
Desired Throttle Position
39
%
Engine Control Module
Throttle Position
39
%
Engine Control Module
APP Sensor 1 and 2
Agree
Engine Control Module
Throttle Position Sensors 1 and 2
Agree
Engine Control Module
APP Sensor 1
4.12
V
Engine Control Module
APP Sensor 2
2.08
V
Engine Control Module
APP Sensor 1 Position
99
%
Engine Control Module
APP Sensor 2 Position
99
%
Engine Control Module
APP Sensor 1 Learned Released Position
0.96
V
Engine Control Module
APP Sensor 2 Learned Released Position
0.47
V
Engine Control Module
APP Sensor 1 Learned Applied Position
78
%
Engine Control Module
APP Sensor 2 Learned Applied Position
78
%
Engine Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
2:57 PM
11/1/2018

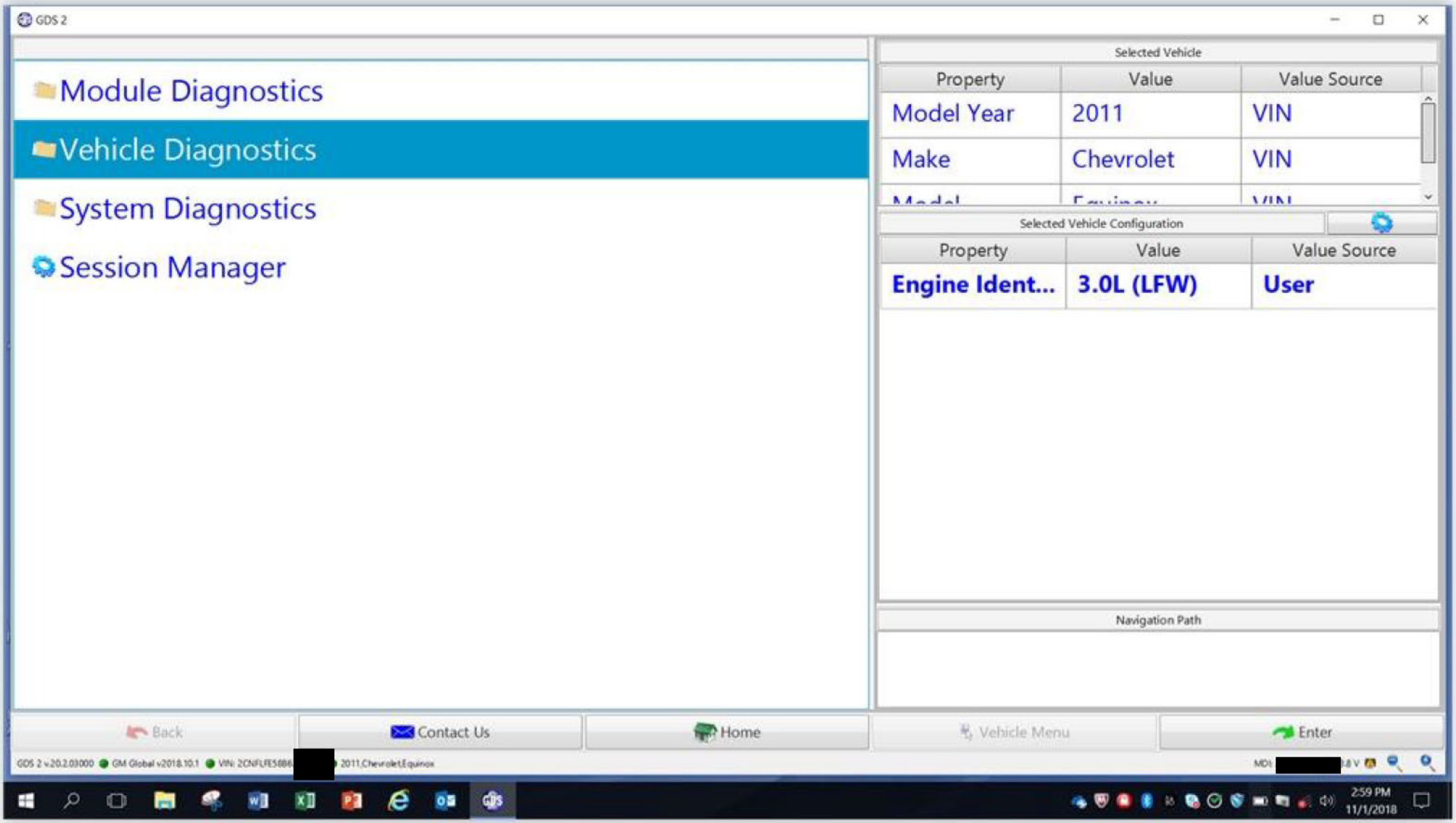

GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
MAP Performance Test 1 OK Engine Control Module
MAP Performance Test 2 OK Engine Control Module
MAF Performance Test OK Engine Control Module
Wide Open Throttle No Engine Control Module
TAC Motor Enabled Engine Control Module
TAC Forced Engine Shutdown No Engine Control Module
TAC Motor Command 17 % Engine Control Module
Cruise Control Disabled Engine Control Module
Fuel Economy Mode Inactive Engine Control Module
Brake Pedal Position Circuit Signal Released Engine Control Module
Brake Pedal Position Sensor Signal Released Engine Control Module
Brake Pedal Position Sensor 0 % Engine Control Module
Engine Speed 570 RPM Engine Control Module
Desired Idle Speed 544 RPM Engine Control Module
ECT Sensor 65 °C Engine Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
2:58 PM
11/1/2018

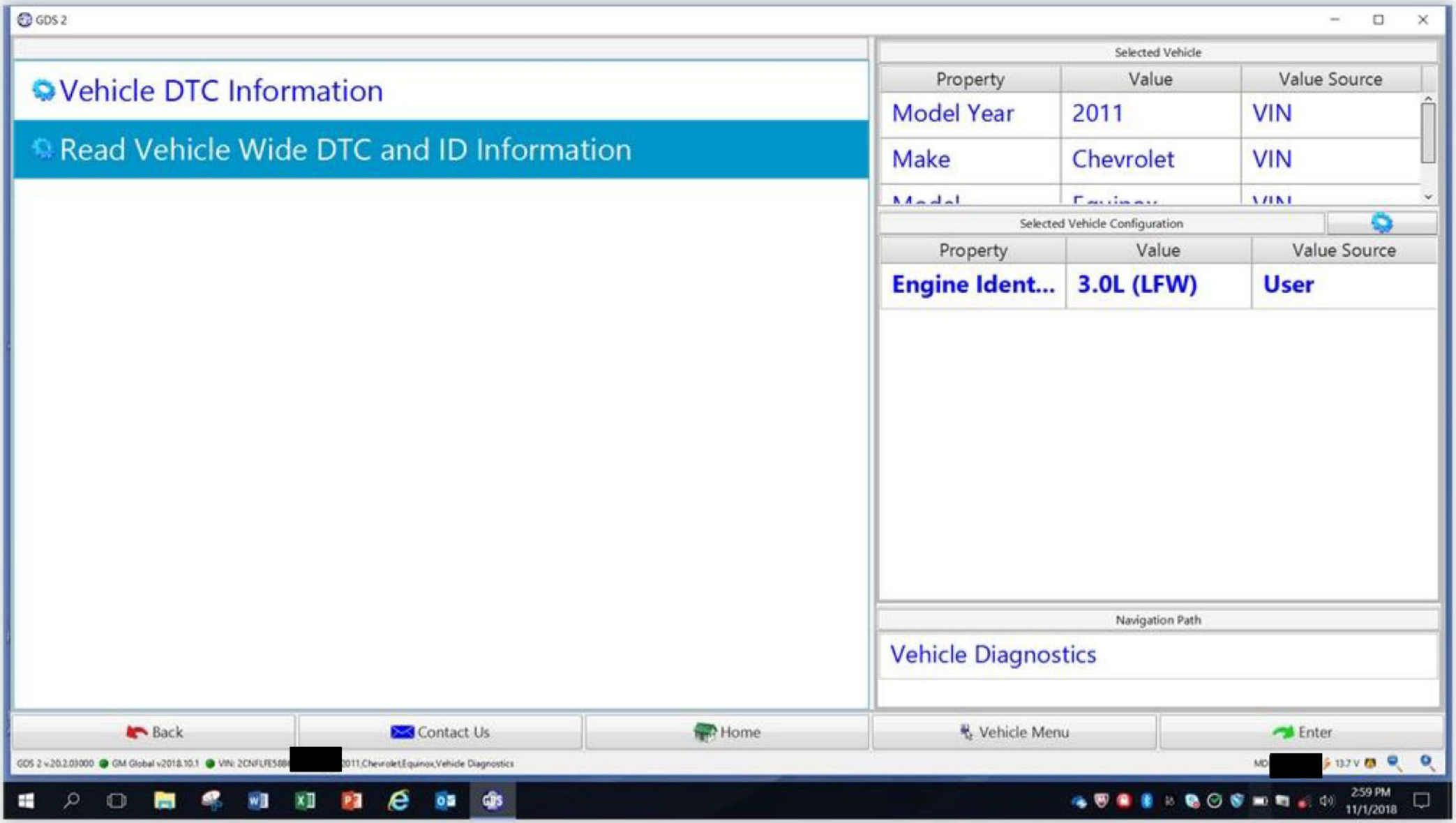

GDS 2
Data Display
Create Report
Add Bookmark
Diagnostic Data Display
Graphical Data Display
Line Graph
DTC Display
TAC Data
Parameter Name
Value
Unit
Control Module
MAP Performance Test 1 OK Engine Control Module
MAP Performance Test 2 OK Engine Control Module
MAF Performance Test OK Engine Control Module
Wide Open Throttle No Engine Control Module
TAC Motor Enabled Engine Control Module
TAC Forced Engine Shutdown No Engine Control Module
TAC Motor Command 16 % Engine Control Module
Cruise Control Disabled Engine Control Module
Fuel Economy Mode Inactive Engine Control Module
Brake Pedal Position Circuit Signal Applied Engine Control Module
Brake Pedal Position Sensor Signal Applied Engine Control Module
Brake Pedal Position Sensor 0 % Engine Control Module
Engine Speed 534 RPM Engine Control Module
Desired Idle Speed 544 RPM Engine Control Module
ECT Sensor 65 °C Engine Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
2:58 PM
11/1/2018

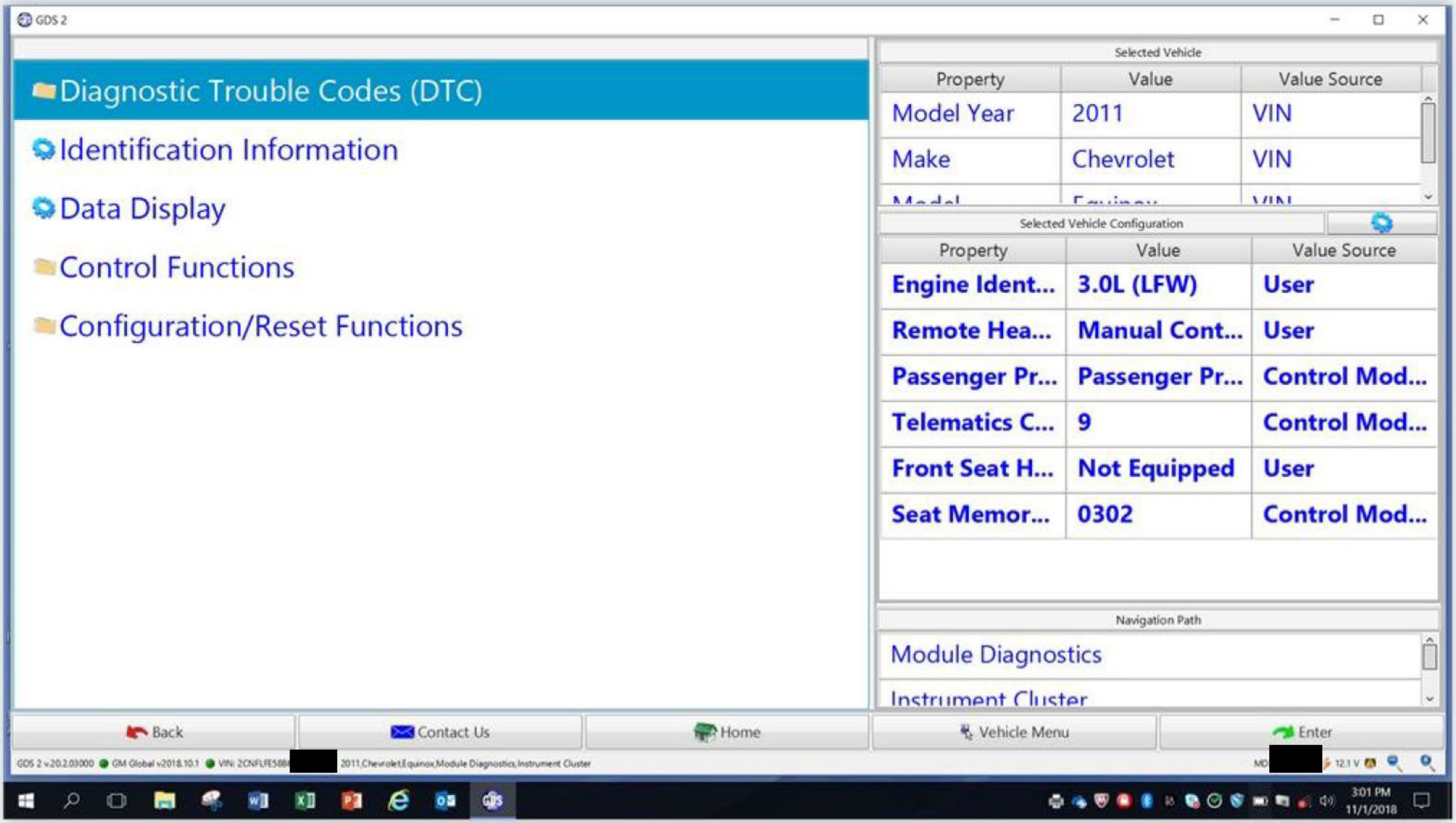

GDS 2
[K20] Engine Control Module
[K27] Fuel Pump Control Module
[K71] Transmission Control Module
[K47] Rear Differential Clutch Control Module
[K17] Electronic Brake Control Module
[B176] Multi-Axis Acceleration Sensor Module
[K43] Power Steering Control Module
[B219] Steering Wheel Angle Sensor Module
[K9] Body Control Module
[K36] Inflatable Restraint Sensing and Diagnostic Module
[K85] Passenger Presence Module
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
Module Diagnostics
Back
Contact Us
Home
Vehicle Menu
Enter
2:58 PM
11/1/2018

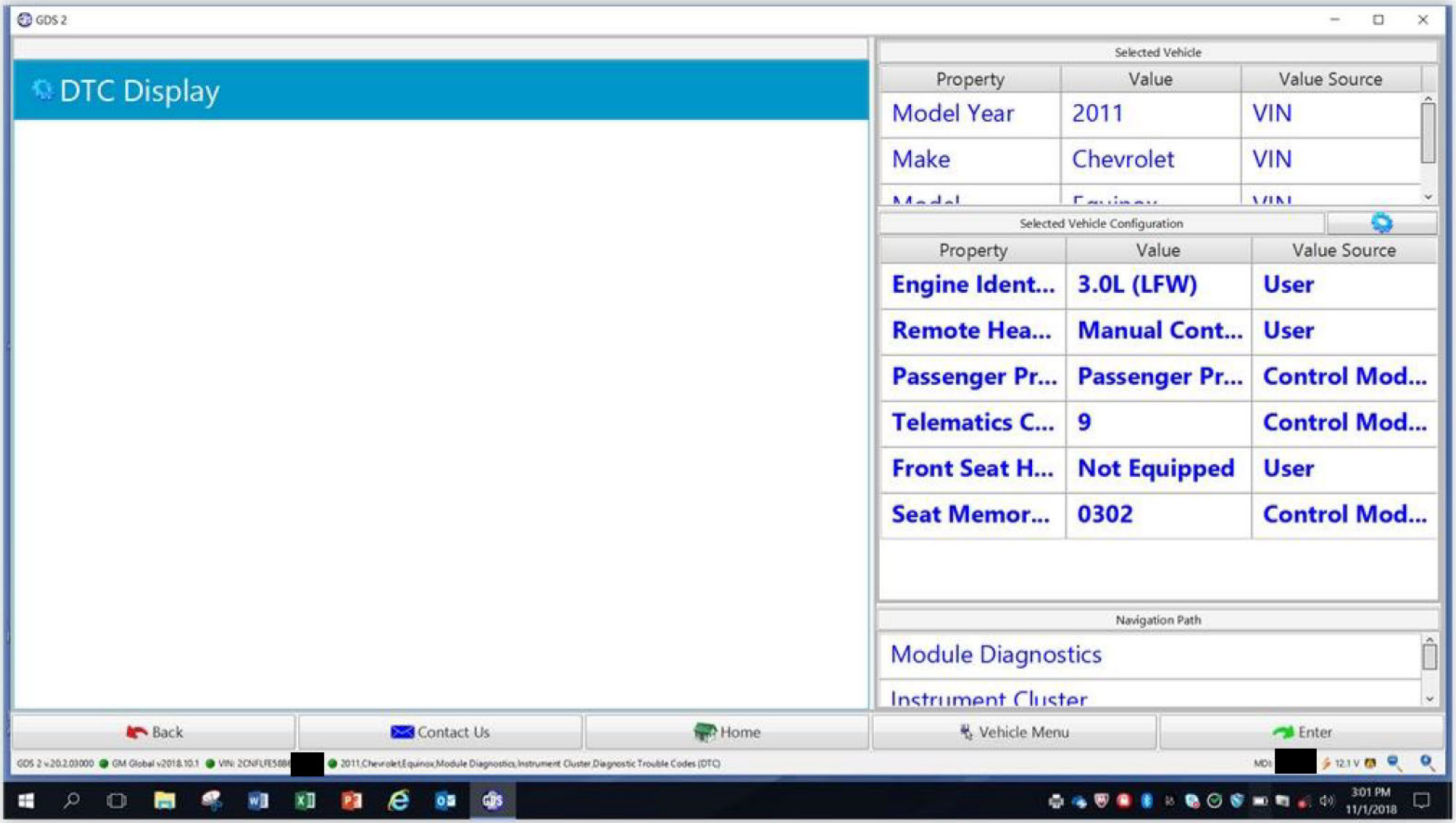

GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
Module Diagnostics
Body Control Module
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.20.2.03000
GM Global v2018.10.1
2011,Chevrolet,Equinox,Module Diagnostics,Body Control Module
14.2 V
2:59 PM
11/1/2018

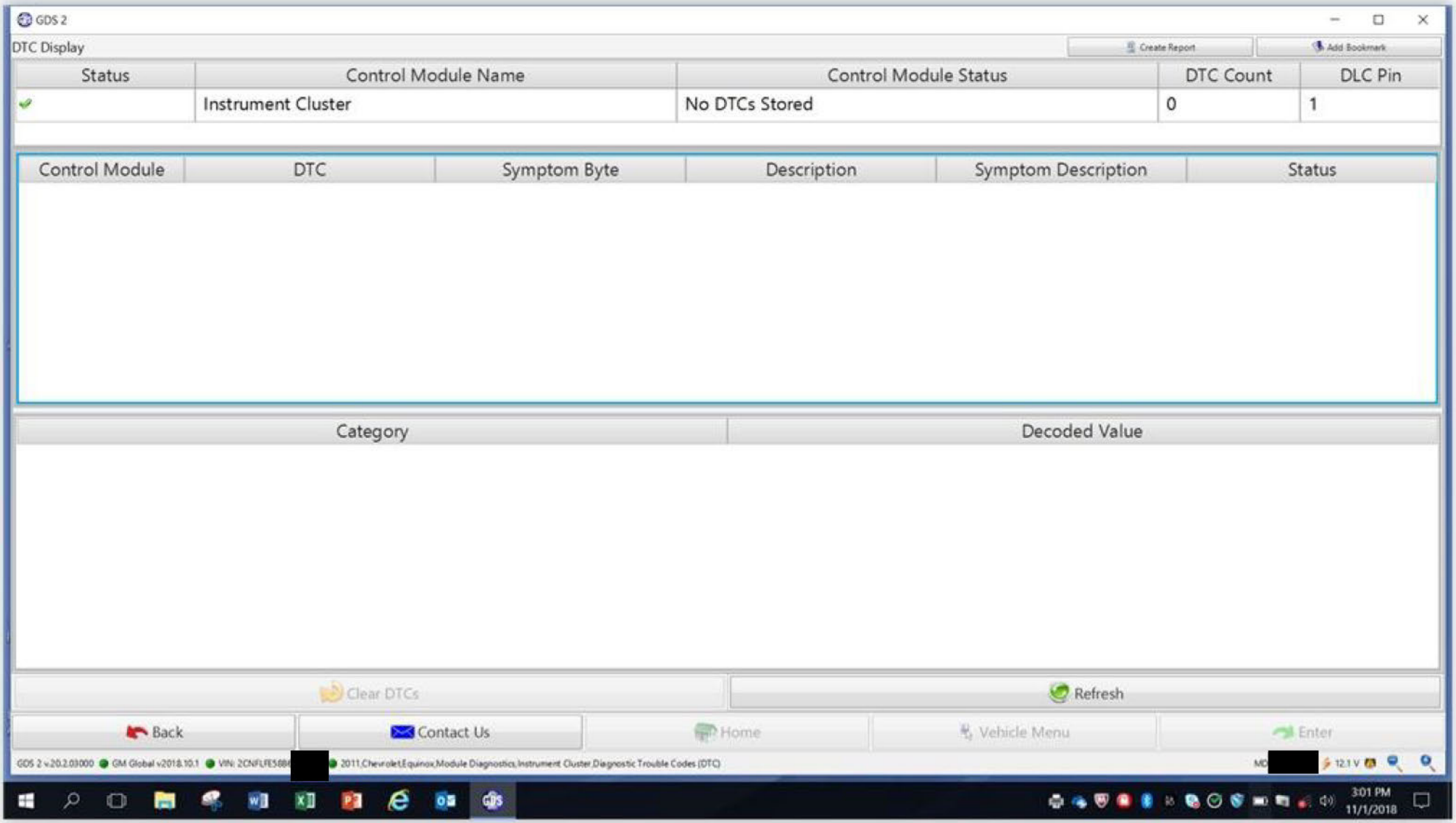

GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Body Control Module
No DTCs Stored
0
6,14
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.20.2.03000
GM Global v2018.10.1
VIN: 2CNFLFE56B6
2011,Chevrolet,Equinox,Module Diagnostics,Body Control Module,Diagnostic Trouble Codes (DTC)
MD
14.1 V
2:59 PM
11/1/2018

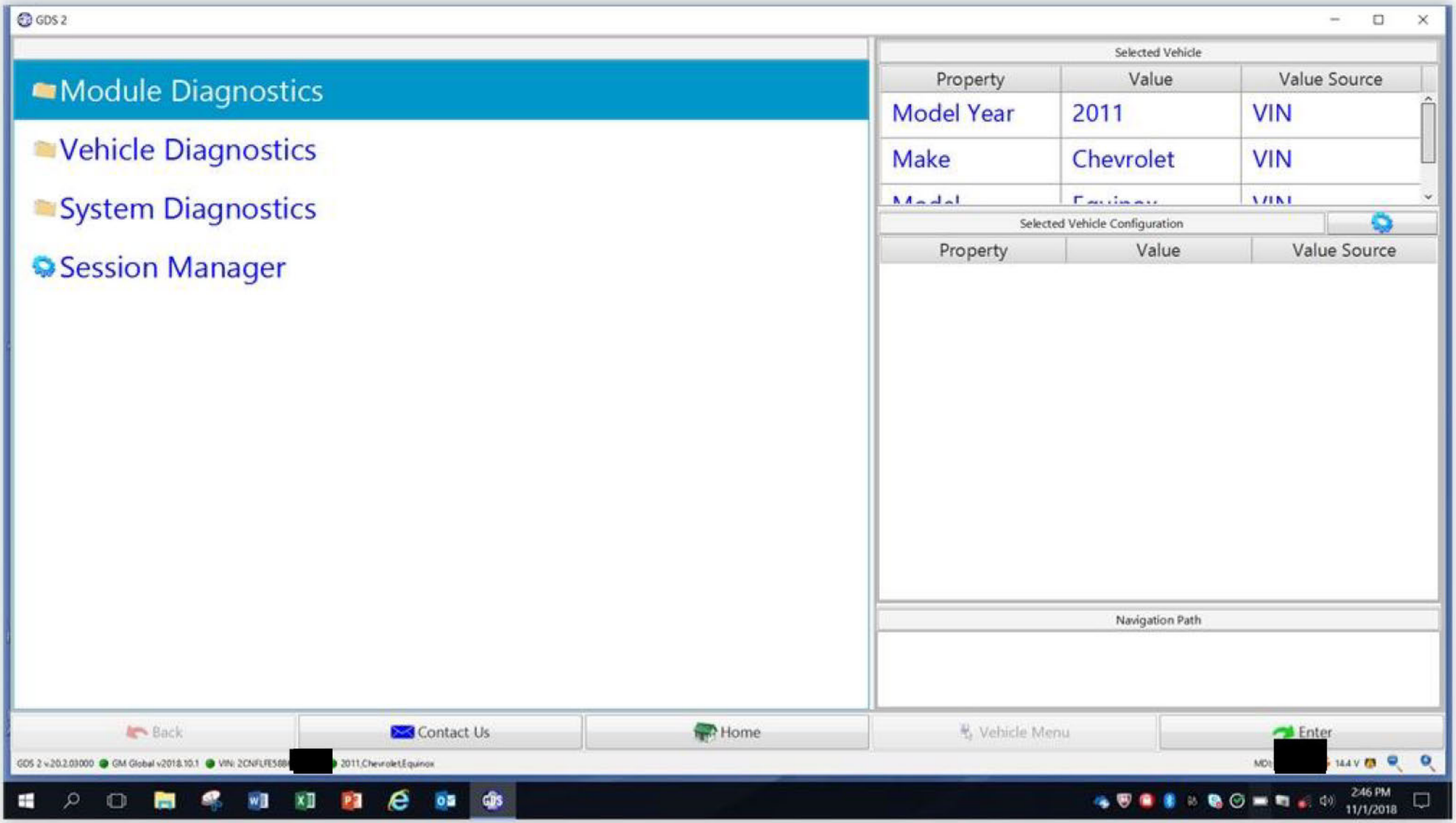

GDS 2
Module Diagnostics
Vehicle Diagnostics
System Diagnostics
Session Manager
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
Back
Contact Us
Home
Vehicle Menu
Enter
2:59 PM
11/1/2018


GDS 2
Vehicle DTC Information
Read Vehicle Wide DTC and ID Information
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Navigation Path
Vehicle Diagnostics
Back
Contact Us
Home
Vehicle Menu
Enter
2:59 PM
11/1/2018


GDS 2
Diagnostic Trouble Codes (DTC)
Identification Information
Data Display
Control Functions
Configuration/Reset Functions
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Remote Hea...
Manual Cont...
User
Passenger Pr...
Passenger Pr...
Control Mod...
Telematics C...
9
Control Mod...
Front Seat H...
Not Equipped
User
Seat Memor...
0302
Control Mod...
Navigation Path
Module Diagnostics
Instrument Cluster
Back
Contact Us
Home
Vehicle Menu
Enter
2011,Chevrolet,Equinox,Module Diagnostics,Instrument Cluster
3:01 PM
11/1/2018


GDS 2
DTC Display
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Engine Ident...
3.0L (LFW)
User
Remote Hea...
Manual Cont...
User
Passenger Pr...
Passenger Pr...
Control Mod...
Telematics C...
9
Control Mod...
Front Seat H...
Not Equipped
User
Seat Memor...
0302
Control Mod...
Navigation Path
Module Diagnostics
Instrument Cluster
Back
Contact Us
Home
Vehicle Menu
Enter
3:01 PM
11/1/2018


GDS 2
DTC Display
Create Report
Add Bookmark
Status
Control Module Name
Control Module Status
DTC Count
DLC Pin
Instrument Cluster
No DTCs Stored
0
1
Control Module
DTC
Symptom Byte
Description
Symptom Description
Status
Category
Decoded Value
Clear DTCs
Refresh
Back
Contact Us
Home
Vehicle Menu
Enter
GDS 2 v.20.2.03000
GM Global v2018.10.1
2011,Chevrolet,Equinox,Module Diagnostics,Instrument Cluster,Diagnostic Trouble Codes (DTC)
12.1 V
3:01 PM
11/1/2018


GDS 2
Module Diagnostics
Vehicle Diagnostics
System Diagnostics
Session Manager
Selected Vehicle
Property
Value
Value Source
Model Year
2011
VIN
Make
Chevrolet
VIN
Selected Vehicle Configuration
Property
Value
Value Source
Navigation Path
Back
Contact Us
Home
Vehicle Menu
Enter
2011,Chevrolet,Equinox
2:46 PM
11/1/2018

Session Inactivity

GlobalWarranty

October 23, 2018

Logout

Global Warranty Management: Main > Interface With Customer > View Vehicle Summary

INTERFACE WITH CUSTOMER

→ Investigate Vehicle History

→ Investigate Vehicle History

View Vehicle Summary

This screen allows IVH users to view the Summary of Vehicle Information, Field Actions, Service Information, Applicable Warranties, Transaction History, Service Contract(s) if applicable, Warranty Block, Branded Title information and OnStar and XM Radio information (if applicable).

For this vehicle:
- → View Vehicle Summary
  - → Service Contract
  - → Branded Title
  - → Warranty Block
- → View Vehicle Build
- → View Vehicle Component Summary
- → View Vehicle Transaction History Detail
- → View Vehicle Delivery Information

Vehicle Information

VIN: 2CNFLFE58B[redacted] Model: 1LJ26-2011 EQUINOX LTZ FWD

Service Contract: Yes Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 60 - RETAIL - SOLD

Field Actions: 0 Open

Required Field Actions

Open Field Action Details are highlighted

Type	Number	Original Nbr	Description	Release Date	Status
Customer Satisfaction Program	[redacted]	[redacted]	NAVIGATION RADIO LOSS OF CUSTOMER SETTINGS	12/19/2014	Closed
Product Safety Recall	[redacted]	[redacted]	POWER HEIGHT ADJUSTABLE DRIVER AND PASSENGER FRONT SEATS	12/15/2014	Closed
Product Safety Recall	[redacted]	[redacted]	SAFETY BELT BUCKLE ANCHOR FRACTURE	12/17/2010	Closed

Branded Title

*The VIN information contained herein and information derived therefrom is the proprietary property of The Po k Company and is to be used only for the purpose of warranty verification and shall not be used for any other purpose whatsoever.

Vehicle has no current record of branded titles.

Warranty Block

Vehicle has no current record of warranty block.

Service Information

Vehicle has no current record of outstanding service information.

OnStar and XM Satellite Radio Information

Refer to Help page for details. For OnStar contact 888.ON.STAR1 (888.667.8271) and for XM Radio contact 877.GET.XMST (877.438.9677 Canada) and in the USA:800-556-3600.

OnStar Equipped: **Y**
OnStar Status: **Inactive**
XM Equipped: **Y**
XM Radio ID: **MYTG4243**
XM Status: **Active**
OnStar Vehicle Diagnostics: **N**
DMN Enabled: **N**

Applicable Warranties

Valid warranties are highlighted

Valid	Description	Warranty Add Date	Start Date	Effective Odometer	End Date	End Odometer
	Powertrain Limited Warranty	05/02/2017	10/13/2010	426 MI	10/13/2015	100,426 MI
	Standard CBG CPO Maintenance Plan	05/02/2017	04/19/2014	30,644 MI	04/19/2016	54,644 MI
	CBG Certified Pre-Owned Limited Warranty	05/02/2017	04/19/2014	30,644 MI	04/19/2015	42,644 MI
	Corrosion Limited Warranty	05/02/2017	10/13/2010	426 MI	10/13/2016	100,426 MI
	Bumper to Bumper Limited Warranty	05/02/2017	10/13/2010	426 MI	10/13/2013	36,426 MI
	Special Coverage 14710	05/02/2017	10/13/2010	426 MI	10/13/2020	120,426 MI
	Special Coverage 17097	05/02/2017	10/13/2010	426 MI	10/13/2020	150,426 MI
	Emission Select Component Ltd Wty	05/02/2017	10/13/2010	426 MI	10/13/2018	80,426 MI

Service Contract

Policy Number [redacted]
Owner [redacted]

Description: **GM Certified Major Guard**
Deductible Amount: **0.00**
Effective Date: **04/19/2014**
Expiration Date: **04/19/2017**
Effective Odometer: **30644 MI**
Expiration Odometer: **84644 MI**
Daily Rental Limit: **35.00**

Transaction History

View Details

Job Card Date	Job Card Number	Transaction Type	Transaction Adjustment	Labour Operation	Odometer Reading
05/16/2015	[redacted]	ZREG----Regular Vehicle Transaction		0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI	54,607 MI
02/28/2015	[redacted]	ZREG----Regular Vehicle Transaction		0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI	50,030 MI
01/10/2015	[redacted]	ZFAT----Field Action Recall		9101098 - N130322 -Radio USB Programming for Navigation Software-Setup Temp.Not Displayed	47,835 MI
01/10/2015	[redacted]	ZFAT----Field Action Recall		9100787 - N140271 - Driver Seat Height Adjuster Bolt Replacement	47,835 MI
01/10/2015	[redacted]	ZSCT----Service Contracts		8460670 - Transmission Control Replacement	47,835 MI
01/10/2015	[redacted]	ZSCT----Service Contracts		2025310 - Front Side Door Window Regulator Motor Replacement	47,835 MI

11/15/2014	[redacted]	ZREG----Regular Vehicle Transaction	0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI	45,116 MI
09/11/2014	[redacted]	ZREG----Regular Vehicle Transaction	0600032 - ROADSIDE SERVICE (LOCKOUT)	41,000 MI
09/06/2014	[redacted]	ZREG----Regular Vehicle Transaction	0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI	40,355 MI
06/28/2014	[redacted]	ZREG----Regular Vehicle Transaction	0600213 - C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI	35,453 MI
04/11/2013	[redacted]	ZREG----Regular Vehicle Transaction	R0766 - Radio with integrated receiver - return to ESC	29,135 MI
04/11/2013	[redacted]	ZREG----Regular Vehicle Transaction	R0760 - Radio Replacement	29,135 MI
06/22/2012	[redacted]	ZSSP----Special Sales Programs	Z2283 - Dexos Promotion	20,159 MI
03/31/2011	[redacted]	ZSSP----Special Sales Programs	Z2283 - Dexos Promotion	5,075 MI
03/31/2011	[redacted]	ZFAT----Field Action Recall	V2364 - 10370 - Rework Passenger Seat Belt Buckle Assembly	5,075 MI
10/13/2010	[redacted]	ZPDI----Pre-Delivery Inspection	Z6999 - PDI Related Fluid Adds	5 MI
10/06/2010	[redacted]	ZPDI----Pre-Delivery Inspection	Z7000 - Pre-Delivery Inspection - Base Time	1 MI

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Session Inactivity

→ Investigate Vehicle History

View Vehicle Build

This screen allows IVH users to view the initial build information on the selected VIN including option codes with descriptions (where available).

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail

Vehicle Information

VIN: 2CNFLFE58B6[redacted] Model: 1LJ26-2011 EQUINOX LTZ FWD

Service Contract: Yes Branded Title: No Warranty Block: No PDI Status: Yes

Order Type: 60 - RETAIL - SOLD

Field Actions: 0 Open

Vehicle Build

Model: 1LJ26-2011 EQUINOX LTZ FWD
Gross Vehicle Weight: 2,362

Order Number: [redacted]
Build Date: 10/01/2010
Build Plant: 6

→ View Vehicle Delivery Information

Option Codes

*IVH is not the definitive source of GM Vehicle RPO information and is intended for service reference only. Should there be any questions about the vehicle's original build or RPO information please refer to the original vehicle invoice or window sticker.

01C - SEAT TRIM LT TITANIUM
1AD - DR PANEL TRIM LT TITANIUM
1LZ - FWD LTZ
1SZ - OPTION PACKAGE DISCOUNT
4AP - INTERIOR TRIM JET BLACK/ BROWNSTONE
AE8 - DRIVER SEAT, 8-WAY POWER WITH POWER LUMBAR ADJUSTMENT
AFM - JET BLACK/LIGHT TITANIUM
AJ1 - DEEP TINTED GLASS
AL0 - SENSOR INF RESTR, CHILD DETECT
AP9 - CARGO NET
AR9 - FRONT BUCKET SEATS, DELUXE
AT8 - RR CHILD SEAT RESTRAINT
ATG - REMOTE KEYLESS ENTRY
AXP - MPV VIN IDENT POSITION
AY0 - AIR BAG, DUAL-STAGE, FRONTAL, DRIVER AND RIGHT FRONT PASSENGER WITH PASSENGER SENSING SYSTEM, THORAX SIDE- IMPACT, SEAT MOUNTED, DRIVER AND RIGHT FRONT PASSENGER, HEAD CURTAIN, SIDE FRONT AND RR OUTBOARD SEATING POSITIONS
B1A - PLANT CODE INGERSOL, ONT CANADA
B37 - FLOOR MATS
BTV - REMOTE VEHICLE STARTER SYSTEM
C68 - AIR CONDITIONING AUTOMATIC CLIMATE CONTROL
D42 - CARGO COVER
D70 - 2.77 REAR AXLE RATIO
DCP - 6 MTHS ONSTAR DIRECTIONS & CONNECTIONS W/ AUTOMATIC CRASH RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)
DD8 - MIRROR, INSIDE REARVIEW SELF- DIMMING, REARVIEW CAMERA SYSTEM
DL9 - MIRRORS, OUTSIDE HEATED POWER-ADJUSTABLE, CHROME, MANUAL
E2C - ORDER TO DELIVERY - EXPEDITE
EAL - LEATHER APPOINTED SEATS HEATED FRONT BUCKET SEATS
EF7 - COUNTRY UNITED STATES OF AMERICA (USA)
FBZ - TRIM DOOR VINYL, DARWIN
FE1 - SMOOTH SUSPENSION TUNING
FE9 - 50-STATE EMISSIONS
FHS - VEHICLE FUEL GASOLINE E85
GEG - 5,202 LBS GVWR
GIS - CARDINAL RED METALLIC
JL9 - ANTI-LOCK BRAKE SYSTEM, 4 WHEEL DISC
K34 - CRUISE CONTROL
KA1 - DRIVER & FRONT PASSENGER HEATED SEATS
KG4 - 150 AMP GENERATOR
LFW - ENGINE, 3.0L DOHC, V6 SIDI FLEX FUEL CAPABLE
MH2 - 6 SPD AUTO TRANS, FWD HMD
MX0 - TRANSMISSION, 6 SPD AUTOMATIC
N10 - DUAL EXHAUST SYSTEM
N37 - STEERING COLUMN, TILT AND TELESCOPIC
NP5 - LEATHER WRAP STEERING WHEEL
NT7 - FEDERAL EMISSION SYSTEM TIER 2
PCJ - AUDIO SYSTEM WITH NAVIGATION/ INFOTAINMENT INCL: *AM/FM/XM STEREO, CD PLAYER *RADIO DATA SYSTEM *AUX JACK *7-INCH TOUCH SCREEN *NAVIGATION & VOICE RECOGNITION *40 GB HARD DRIVE
PDM - CARGO MANAGEMENT PACKAGE INCL: *REAR CARGO SECURITY COVER *CARGO CONVENIENCE NET *ROOF RACK CROSSBARS
Q6D - WHEELS 18" MACHINED ALUMINUM
QNT - TIRES, P235/55R 18 ALL SEASON
R13 - CHROME APPEARANCE PACKAGE INCL: *CHROME DOOR HANDLES AND BRIGHT FASCIA LOWERS *POWER OUTSIDE MIRRORS, CHROME, HEATED *LUGGAGE RACK SIDE RAILS WITH CHROME INSERTS *ULTRASONIC REAR PARKING ASSIST
R9N - PROCESSING CODE - SEAT
ROO - TRACKING CODE
SLL - SOLD ORDERS
T96 - FOG LAMPS
TB5 - LIFTGATE-POWER PROGRAMMABLE

U2K - XM SATELLITE RADIO - SERVICE SUBSCRIPTION SOLD SEPARATELY BY SIRIUS/XM AFTER 3 MOTHS

U80 - DISPLAY COMPASS

UD7 - REAR PARKING ASSIST

UE1 - 6 MTHS ONSTAR DIRECTIONS AND CONNECTIONS WITH AUTOMATIC DEPLOYMENT RESPONSE AND TURN-BY-TURN NAVIGATION (ASK DEALER ABOUT GEOGRAPHIC COVERAGE)

UJM - TIRE PRESSURE MONITOR SYSTEM

UK3 - STEERING WHEEL RADIO CONTROLS

UPF - BLUETOOTH FOR PHONE

UVC - REARVIEW CAMERA SYSTEM INCLUDES SELF-DIMMING ISRVM

UYS - IDENTIFIER FOR EARLY BUILDS - UYS WAS REPLACED WITH PCJ - UNABLE TO GET LABEL IN CPLM WITHOUT DELETING ALL UNITS WITH UYS - SET UP AS A 900 VARIATION INSTEAD.

UZ8 - PIONEER PREMIUM 8 SPEAKER SYS WITH AMPLIFIER & EQUALIZATION

V1K - ROOF RACK CROSS BARS

V59 - ROOF RACK SIDE RAILS, CHARCOAL

V8D - VEHICLE STATEMENT US

VFF - VIDEO FORMAT REGION 1, NTSC

VQG - PROTECTION PACKAGE: ALL WEATHER FLOOR MATS MOLDED SPLASH GUARDS (DEALER INSTALLED)

VT7 - OWNERS MANUAL, ENGLISH

YB6 - AXLE

YD5 - SPRING FRONT BASE EQUIPMENT

YD6 - SPRING REAR BASE EQUIPMENT

YM8 - LPO PROCESSING CODE

Added Option Codes

~EN -

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Session Inactivity

→ Investigate Vehicle History

View Vehicle Component Summary

This screen allows IVH users to view the information on various major components added to the VIN selected during vehicle build.

For this vehicle:

→ View Vehicle Summary

→ Service Contract

→ Branded Title

→ Warranty Block

→ View Vehicle Build

→ View Vehicle Component Summary

→ View Vehicle Transaction History Detail

→ View Vehicle Delivery Information

Vehicle Information

VIN: 2CNFLFE58B[redacted]

Model: 1LJ26-2011 EQUINOX LTZ FWD

Service Contract: Yes

Branded Title: No

Warranty Block: No

PDI Status: Yes

Order Type: 60 - RETAIL - SOLD

Field Actions: 0 Open

Vehicle Component

Vehicle has no current record of vehicle component.

Service Agent Installed Component

Vehicle has no current record of vehicle component.

Global Warranty Management: Site Map
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Session Inactivity

→ Investigate Vehicle History

View Vehicle Transaction History Detail

This screen allows IVH users to view the available information on individual transaction for the VIN selected.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2CNFLFE58B6[redacted] Model: 1LJ26-2011 EQUINOX LTZ FWD
Service Contract: Yes Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 60 - RETAIL - SOLD
Field Actions: 0 Open

Job Card Date: 05/16/2015 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 54,607 MI
BERGER CHEVROLET, INC. Authorization Code:
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Process Date:
05/20/2015
Transaction Type:
ZREG----Regular Vehicle Transaction
Transaction Expense Category:
Warranty
Customer Complaint Code:
0021-No Customer Complaint - Maintenance
Job Card Line #: 1 Transaction Adjustment: Cause Code: 9098-Other - Maintenance
Labour Op 0600213-C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI
Causal Part Number
→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability
Net Item Code			Description	
Z_NIM				

Job Card Date: 02/28/2015 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 50,030 MI
BERGER CHEVROLET, INC. Authorization Code:
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Process Date:
03/20/2015
Transaction Type:
ZREG----Regular Vehicle Transaction
Transaction Expense Category:
Warranty
Customer Complaint Code:
0021-No Customer Complaint - Maintenance
Job Card Line #: 1 Transaction Adjustment: Cause Code: 9098-Other - Maintenance
Labour Op 0600213-C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI
Causal Part Number
→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability
Net Item Code			Description	
Z_NIM				

Job Card Date: 01/10/2015 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 47,835 MI
BERGER CHEVROLET, INC. Authorization Code:
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Process Date:
01/20/2015
Transaction Type:
ZFAT----Field Action Recall
Transaction Expense Category:
Field Action Recall
Customer Complaint Code:
-
Job Card Line #: 6 Transaction Adjustment: Cause Code: -
Labour Op 9101098-N130322 -Radio USB Programming for Navigation Software-Setup Temp.Not Displayed
Causal Part Number

Job Card Date: 01/10/2015 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 47,835 MI
BERGER CHEVROLET, INC. Authorization Code:
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Process Date:
01/20/2015

Transaction Type:
ZFAT----Field Action Recall

Transaction Expense Category:
Field Action Recall

Customer Complaint Code:
-

Job Card Line #: 5 Transaction Adjustment: Cause Code: -

Labour Op 9100787-N140271 - Driver Seat Height Adjuster Bolt Replacement

Causal Part Number

Job Card Date: 01/10/2015 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 47,835 MI

BERGER CHEVROLET, INC. Authorization Code:
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Process Date:
01/20/2015

Transaction Type:
ZSCT----Service Contracts

Transaction Expense Category:
Service Contract

Customer Complaint Code:
0342-Transmission - Transmission Shifting

Job Card Line #: 3 Transaction Adjustment: Cause Code: 6581-Module/Component - Registers Incorrectly

Labour Op 8460670-Transmission Control Replacement

Causal Part Number 000000000023460275-CONTROL ASM-A/TRNS

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability
1	000000000023460275	CONTROL ASM-A/TRNS	No	

Net Item Code	Description

Job Card Date: 01/10/2015 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 47,835 MI

BERGER CHEVROLET, INC. Authorization Code:
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Process Date:
01/20/2015

Transaction Type:
ZSCT----Service Contracts

Transaction Expense Category:
Service Contract

Customer Complaint Code:
0590-Features/Controls/Displays - Other issues

Job Card Line #: 1 | Transaction Adjustment: | Cause Code: 6581-Module/Component - Registers Incorrectly

Labour Op 2025310-Front Side Door Window Regulator Motor Replacement

Causal Part Number 000000000022803199-REGULATOR ASM-FRT S/D WDO

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability
1	000000000022803199	REGULATOR ASM-FRT S/D WDO	No	

Net Item Code	Description

Job Card Date: 11/15/2014 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted]

BERGER CHEVROLET, INC.
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Odometer Reading: 45,116 MI
Authorization Code:

Process Date:
11/17/2014

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0021-No Customer Complaint - Maintenance

Job Card Line #: 1 | Transaction Adjustment: | Cause Code: 9094-Other - Follow operation

Labour Op 0600213-C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI

Causal Part Number

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability

Net Item Code	Description
Z_NIM	

Job Card Date: 09/11/2014 **Job Card Number:** [redacted]

Repair Service Agent: 257[redacted]

ALLSTATE - SIGNATURE MOTOR CLUB, IN
200 N MARTINGALE RD
SCHAUMBURG IL 60173-2033

Odometer Reading: 41,000 MI
Authorization Code: A

Process Date:
09/13/2014

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0090-No Customer Complaint - Other issues

Job Card Line #: 1 | Transaction Adjustment: | Cause Code: 9094-Other - Follow operation

Labour Op 0600032-ROADSIDE SERVICE (LOCKOUT)

Causal Part Number

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability

Net Item Code Description

Z_NIM

Job Card Date: 09/06/2014 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted]
BERGER CHEVROLET, INC.
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Odometer Reading: 40,355 MI
Authorization Code:

Process Date:
09/08/2014

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0021-No Customer Complaint - Maintenance

Job Card Line #: 1

Transaction Adjustment:

Cause Code: 9094-Other - Follow operation

Labour Op 0600213-C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI

Causal Part Number

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability

Net Item Code Description

Z_NIM

Job Card Date: 06/28/2014 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted]
BERGER CHEVROLET, INC.
2525 28TH ST SE
GRAND RAPIDS MI 49512-1613
6169495200

Odometer Reading: 35,453 MI
Authorization Code:

Process Date:
07/01/2014

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0021-No Customer Complaint - Maintenance

Job Card Line #: 1

Transaction Adjustment:

Cause Code: 9094-Other - Follow operation

Labour Op 0600213-C/B/G Certified Pre-Owned dexos1™ LOF/Tire Rotation/MPVI

Causal Part Number 000000000019293002-OIL,ENG ACDELCO DEXOS1 5W30, BULK (GALLO

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability

6	000000000019293002	OIL,ENG ACDELCO DEXOS1 5W30, BULK (GALLO		No
1	000000000019254710	FILTER,OIL		No

Net Item Code | Description

Z_NIM

Job Card Date: 04/11/2013 **Job Card Number:** [redacted]

Repair Service Agent: 192[redacted]
SPECMO ENTERPRISES
1200 E. AVIS
MADISON HEIGHTS MI 48071-1507

Odometer Reading: 29,135 MI
Authorization Code:

Process Date:
04/18/2013

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0290-Audio/Entertainment/Navigation - Other issues

Job Card Line #: 1

Transaction Adjustment:

Cause Code: 6017-Module/Component - Broken

Labour Op R0766-Radio with integrated receiver - return to ESC

Causal Part Number 000000000019118753-RADIO ASM,AM/FM ST & VID DISC PLYR & NAV

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability
1	000000000019118753	RADIO ASM,AM/FM ST & VID DISC PLYR & NAV	No	

Net Item Code | Description

Z_NIF

Z_NIM

Job Card Date: 04/11/2013 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted]
BURT WATSON CHEVROLET, INC.
7468 MIDLAND RD
FREELAND MI 48623-8940
9896955366

Odometer Reading: 29,135 MI
Authorization Code:

Process Date:
04/12/2013

Transaction Type:
ZREG----Regular Vehicle Transaction

Transaction Expense Category:
Warranty

Customer Complaint Code:
0221-Audio/Entertainment/Navigation - Audio

Job Card Line #: 2

Transaction Adjustment:

Cause Code: 6573-Module/Component - No/Incorrect Communication

Labour Op R0760-Radio Replacement

Causal Part Number

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability

Net Item Code Description

Z_NIM

Job Card Date: 06/22/2012 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 20,159 MI

BURT WATSON CHEVROLET, INC. Authorization Code:
7468 MIDLAND RD
FREELAND MI 48623-8940
9896955366

Process Date:
06/22/2012

Transaction Type:
ZSSP----Special Sales Programs

Transaction Expense Category:
Special Sales Program

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op Z2283-Dexos Promotion

Causal Part Number

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability

Net Item Code Description

Z_NIM

Job Card Date: 03/31/2011 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 5,075 MI

BURT WATSON CHEVROLET, INC. Authorization Code:
7468 MIDLAND RD
FREELAND MI 48623-8940
9896955366

Process Date:
04/01/2011

Transaction Type:
ZSSP----Special Sales Programs

Transaction Expense Category:
Special Sales Program

Customer Complaint Code:
-

Job Card Line #: 1 Transaction Adjustment: Cause Code: -

Labour Op Z2283-Dexos Promotion

Causal Part Number

→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability

Net Item Code Description

Z_NIM

Job Card Date: 03/31/2011 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 5,075 MI
BURT WATSON CHEVROLET, INC. Authorization Code:
7468 MIDLAND RD
FREELAND MI 48623-8940
9896955366

Process Date:
04/01/2011
Transaction Type:
ZFAT----Field Action Recall
Transaction Expense Category:
Field Action Recall
Customer Complaint Code:
-
Job Card Line #: 2 Transaction Adjustment: Cause Code: -
Labour Op V2364-10370 - Rework Passenger Seat Belt Buckle Assembly
Causal Part Number

Job Card Date: 10/13/2010 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 5 MI
BURT WATSON CHEVROLET, INC. Authorization Code:
7468 MIDLAND RD
FREELAND MI 48623-8940
9896955366

Process Date:
10/14/2010
Transaction Type:
ZPDI----Pre-Delivery Inspection
Transaction Expense Category:
Pre-Delivery Inspection
Customer Complaint Code:
-
Job Card Line #: 1 Transaction Adjustment: Cause Code: -
Labour Op Z6999-PDI Related Fluid Adds
Causal Part Number
→See other Parts and/or Net Items

Qty	Part Number	Description	Major Assembly	Traceability
Net Item Code			Description	
Z_NIM				

Job Card Date: 10/06/2010 **Job Card Number:** [redacted]

Repair Service Agent: 115[redacted] Odometer Reading: 1 MI
BURT WATSON CHEVROLET, INC. Authorization Code:
7468 MIDLAND RD
FREELAND MI 48623-8940
9896955366

Process Date:
10/06/2010

Transaction Type:
ZPDI----Pre-Delivery Inspection
Transaction Expense Category:
Pre-Delivery Inspection
Customer Complaint Code:
-
Job Card Line #: 1 Transaction Adjustment: Cause Code: -
Labour Op Z7000-Pre-Delivery Inspection - Base Time
Causal Part Number

Global Warranty Management: Site Map
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Session Inactivity

→ Investigate Vehicle History

View Vehicle Delivery Information

This screen allows IVH users to view the available information for the selected VIN delivered to the Service Agent and the ultimate customer. Not all sections will be populated for all VINs.

For this vehicle:
→ View Vehicle Summary
→ Service Contract
→ Branded Title
→ Warranty Block
→ View Vehicle Build
→ View Vehicle Component Summary
→ View Vehicle Transaction History Detail
→ View Vehicle Delivery Information

Vehicle Information

VIN: 2CNFLFE58B6[redacted] Model: 1LJ26-2011 EQUINOX LTZ FWD
Service Contract: Yes Branded Title: No Warranty Block: No PDI Status: Yes
Order Type: 60 - RETAIL - SOLD
Field Actions: 0 Open

Invoice Information
Invoicing Service Agent: 115[redacted] Invoice Date: 10/04/2010
BURT WATSON CHEVROLET, INC.
7468 MIDLAND RD
FREELAND MI 48623-8940 9896955366

Ship to Information
Ship to Service Agent: 115[redacted] Ship to Date: N/A
BURT WATSON CHEVROLET, INC.
7468 MIDLAND RD
FREELAND MI 48623-8940 9896955366

Delivery Information
Delivery Service Agent: 115[redacted] Delivery Date: 10/13/2010
BURT WATSON CHEVROLET, INC. Delivery Type: 021---GM EMPLOYEE STOCK (GMS)
7468 MIDLAND RD Delivery Odometer: 426
FREELAND MI 48623-8940 9896955366

In Service Information

Invoicing Service Agent:

In Service Date: N/A
In Service Type: 0000
In Service Odometer: 0

Registration Information

Registration Service Agent: N/A

Registration Date: N/A
Registration Number: N/A
Registration Odometer: 0

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This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)

PRTS Dynamics - Complete Report

Issue Number: [redacted]	**Issue Age:**	**Issue Type:** (Aftersales) Field Performance Report	**Issue Status:** Closed		
		Current Step: Field Performance Report	**Current Step Status:** Complete	**Current Step Target:**	

Project: US-United States
Program: Equinox / GMNA Passenger Car
Subject: Equinox - Windshield Wiper Motor - Front - Inoperative
Product Line:
Project Number:

Associated Issues: 1 **Tasks:** **Attachments:** **Memos:**

REPORT

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
12-JAN-2010				

Step Actions

Action	Date	Name	Department	Phone	Comment

Issue Definition

Vehicle Line/Engineering Source: Equinox / GMNA Passenger Car
Product Line:
Project Number:
Country: US-United States

Issue Title

Part Name: Windshield Wiper Motor
Part Location: Front
Complaint: Inoperative

Affected Vehicles

Model Year(s):	2010	Axles:	
Make:	Chevro et	Transmission(s):	
Vehicle Line:	Equinox-Chevro et Crossover	Transfer Case:	
Engine(s):		Hardware Stage:	

Origination Point

Origination Point: Dealer
Dealer Number:
Field Rep Number:

VIN Information

Cases

PRTS Dynamics - Complete Report

No of Cases	Recorded by/Originator	Recorded Date
1	Char es Rou eau	

VIN Information

Primary (VIN)	VIN	Bui d Date	Engine No	Odometer Reading	Odometer Units	Transmission No
Y	2CNALPEW7A6[redacted]	26-OCT-2009		1,554	Mi es	
N	2CTFLGEY0A6[redacted]					

Problem Description

Symptoms/Complaints:

FRONT WINDSHIELD WIPERS ARE INOPERATIVE

Probable Cause:

Migrated from Troub e fie d:Not Assignab e (Add new Code) , Migrated from Troub e Category fie d:Z - Not assignab e

Corrective Action:

N3520 - Windshie d Wiper Motor Rep acement

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior
2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Parts

Part Name	Part Number

Suspect Parts Available? No

Location of Parts:

PRTS Dynamics - Complete Report

Issue Number: [redacted]	**Issue Age:** 53	**Issue Type:** (Aftersales) Product Report	**Issue Status:** Closed		
		Current Step: Solution Feedback	**Current Step Status:** Complete	**Current Step Target:** 06-MAR-2010	

Project: US-United States
Program: Equinox / GMNA Passenger Car
Subject: Windshield Wiper Motor,Front - 24hr Inoperative - C
Product Line: 7L-Global Theta Crossover Vehicles
Project Number: Equinox/Terrain

Associated Issues: 2 **Tasks:** **Attachments:** 1 **Memos:** 1

REPORT

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Originator	12-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
12-JAN-2010		12-JAN-2010		12-JAN-2010

Step Actions

Action	Date	Name	Department	Phone	Comment
Originated	12-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564	
Approved	12-JAN-2010	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236	

Issue Definition

Vehicle Line/Engineering Source: Equinox / GMNA Passenger Car
Product Line: 7L-Global Theta Crossover Vehicles
Project Number: Equinox/Terrain
Country: US-United States

Issue Title

Part Name: Windshield Wiper Motor
Part Location: Front
Complaint: 24hr Inoperative - C
Severity: 4-Annoyance / Continuous improvement.
Restricted Issue: No

PRTS Dynamics - Complete Report

Affected Vehicles

Model Year(s): 2010
Other Potentially Affected Vehicle Lines:
Steering Type:
Engine(s):
Body Style(s):
Transmission(s):
Axles:
Transfer Case:
Relavent Options:
Local Component PR: No

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date
1	Char es Rou eau	12-JAN-2010

VIN Information

Primary (VIN)	VIN	Bui d Date	Engine No	Odometer Reading	Odometer Units	Transmission No
Y	2CNALPEW7A6[redacted]	26-OCT-2009		1,554	Mi es	
N	2CTFLGEY0A6[redacted]	28-SEP-2009		1,735	Mi es	

Problem Description

Symptoms/Complaints:

FRONT WINDSHIELD WIPERS ARE INOPERATIVE

Probable Cause:

Corrective Action:

N3520 - Windshie d Wiper Motor Rep acement

Driving Conditions:
Environmental Condtions:
Road Surface:
Action Requested: Fie d Remedy
Success of Corrective Action:
Trouble Codes Affected:

Remarks:

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior
2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Parts

Primary Part	Part Name	Part Number	Supp ier Name	Part Year	DUNS Code	Cata og Number	Deck Code	Seria /Casting Number

Suspect Parts Available? No

Shipping Details:

Location of Parts:

Remarks:

PRTS Dynamics - Complete Report

Labor Information

Labor Codes Information

Primary	Labor Code
Y	N3520

Dealer and Field Contact Information

Dealer

Dealer Number:
Dealer Name:
Dealer Phone:
Dealer Contact:
Dealer Email Address:

Field Representative

Field Rep Contact Name:
Field Rep Number:
Field Rep Phone:
Field Rep Email Address:

Impact Info -> Impacted Product Lines

Impacted Product Lines

Product Line	Project Number	Bypass Prioritization	Prioritization Ranking By	Priority Va ue
7L	Equinox/Terrain	N	FPR	0.001

External Systems

System References

Externa System Name	Externa System Issue ID
FPRD	56087

Issue Status

Issue Status

Next Step

Next Step Role Assignments

Ro e Name	Assignment Date	Name	Department	Phone
Champion	12-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Next Step Target Dates

Next Step Target Submit Date: 17-JAN-2010 Next Step Target Approve/Close Date: 12-JAN-2010

PRTS Dynamics - Complete Report

SENT

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	12-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
12-JAN-2010	17-JAN-2010	12-JAN-2010	12-JAN-2010	12-JAN-2010

Step Actions

Action	Date	Name	Department	Phone	Comment
Approved	12-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564	

Supporting Processes

Trigger Question:
Step when issue is flagged:
Flagged by:
Trigger Answer:
Date when issue was flagged:

Issue Status

Issue Status:

Next Step

Next Step Role Assignments

Ro e Name	Assignment Date	Name	Department	Phone
Champion	12-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Next Step Target Dates

Next Step Target Submit Date: 26-JAN-2010
Next Step Target Approve/Close Date: 13-JAN-2010

ADD. INFO NEEDED

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	12-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
12-JAN-2010	26-JAN-2010	13-JAN-2010	13-JAN-2010	13-JAN-2010

Step Actions

Action	Date	Name	Department	Phone	Comment
Approved	13-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564	

24 Hour Information

24 Hour: Yes
Source of Information: WPC

24 Hour CDP Group Information

Natural owner of problem: SQ-SQ
Name of Natural owner of problem: Ingersoll - Ron Paterson

Affected Vehicles

Model Year(s): 2010
Steering Type:
Body Style(s):
Axles:
Relavent Options:
Other Potentially Affected Vehicle Lines:
Engine(s):
Transmission(s):
Transfer Case:
Local Component PR: No

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date
1	Char es Rou eau	12-JAN-2010

VIN Information

Primary (VIN)	VIN	Bui d Date	Odometer Reading	Odometer Units	Transmission No	Engine No
Y	2CNALPEW7A6[redacted]	26-OCT-2009	1,554	Mi es		
N	2CTFLGEY0A6[redacted]	28-SEP-2009	1,735	Mi es		

Problem Description

Symptoms/Complaints:

FRONT WINDSHIELD WIPERS ARE INOPERATIVE

Probable Cause:

Corrective Action:

N3520 - Windshie d Wiper Motor Rep acement

Driving Conditions:
Road Surface:
Success of Corrective Action:
Trouble Codes Affected:

Environmental Conditions:
Action Requested: Fie d Remedy

Remarks:

Develop Solution

Last Break Point

Date	VIN/Part Number	Comment

General Answer/Comment:

Choke coil not soldered. Visual inspection added and new work instructions.
BP 1/18

Short Description:

Field Service Information

PI Number:
Bulletin Number:
GM Messenger Date:

Field Remedy:

Production Remedy:

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior
2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Part

Primary Part	Part Number	Part Name	Supp ier Name	Part Year	DUNS Code	Cata og Number	Deck Code	Seria Casting Number

Suspect Parts Available? No

Shipping Details:

Location of Parts:

Remarks:

Labor Information

Labor Codes Information

Primary	Labor Code
Y	N3520

Dealer and Field Contact Information

Dealer

Dealer Number:
Dealer Name:
Dealer Phone:
Dealer Contact:
Dealer Email Address:

Field Representative

Field Rep Contact Name:
Field Rep Number:
Field Rep Phone:
Field Rep Email Address:

Supporting Processes

Trigger Question:
Trigger Answer:
Step when issue is flagged:
Date when issue was flagged:
Flagged by:

Impact Info -> Impacted Product Lines

Impacted Product Lines

Product Line	Project Number	Bypass Prioritization	Prioritization Ranking By	Priority Va ue
7L	Equinox/Terrain	N	FPR	0.001

Impact Info -> Aftersales

Aftersales Comments:

Aftersales Impact Metrics Information

Metric	Number of Cases
FPR	1

Customer Satisfaction

Customer Satisfaction Question

Product Line	Project Number	Avai ab e Data
7L	Equinox/Terrain	No

Customer Survey Information

Product Line	Project Number	Impact Category	Survey	Survey Category	Wave	Tota PPH	Option PPH	Reference PPH	Satisfaction	Satisfaction Reference	PPH	Mode Year

Report Date:

Customer Survey Comments

Warranty

Warranty Question

Product Line	Project Number	Avai ab e Data
7L	Equinox/Terrain	No

Labor Codes Information

PRTS Dynamics - Complete Report

Primary	Labor Code
Y	N3520

Warranty Measure Information

Product Line	Project Number	Impact Category	Warranty Measure	Sa es Region	0 MIS	2 MIS	6MIS	12 MIS	24 MIS	36 MIS	Mode Year	Ca endar Year	Currency Type	Report Date

Solution Effectiveness (%) Information

Product Line	Project Number	So ution Effectiveness (%)

Report Date:

Warranty Comment

Issue Status

Issue Status

Next Step

Next Step Role Assignments

Ro e Name	Assignment Date	Name	Department	Phone
Champion	13-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Next Step Target Dates

Next Step Target Submit Date: 03-APR-2010 Next Step Target Approve/Close Date: 07-FEB-2010

PRTS Dynamics - Complete Report

OPEN

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	13-JAN-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
13-JAN-2010	03-APR-2010	02-FEB-2010	07-FEB-2010	04-FEB-2010

Step Actions

Action	Date	Name	Department	Phone	Comment
Approved	04-FEB-2010	[redacted]	UNKNOWN ORG	+1 586 947 3475 No V	
Submitted	02-FEB-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564	

24 Hour Information

24 Hour: Yes
Source of Information: WPC

24 Hour CDP Group Information

Natural owner of problem: SQ-SQ
Name of Natural owner of problem: Ingersoll - Ron Paterson

Affected Vehicles

Model Year(s): 2010
Steering Type:
Body Style(s):
Axles:
Relavent Options:
Other Potentially Affected Vehicle Lines:
Engine(s):
Transmission(s):
Transfer Case:
Local Component PR: No

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date
1	Char es Rou eau	12-JAN-2010

VIN Information

Primary (VIN)	VIN	Bui d Date	Engine No	Odometer Reading	Odometer Units	Transmission No
Y	2CNALPEW7A6[redacted]	26-OCT-2009		1,554	Mi es	
N	2CTFLGEY0A6[redacted]	28-SEP-2009		1,735	Mi es	

Problem Description

Symptoms/Complaints:

FRONT WINDSHIELD WIPERS ARE INOPERATIVE

Probable Cause:

Corrective Action:

N3520 - Windshie d Wiper Motor Rep acement

Driving Conditions:
Road Surface:
Success of Corrective Action:
Trouble Codes Affected:

Environmental Condtions:
Action Requested: Fie d Remedy

Remarks:

Develop Solution

Last Break Point

Date	VIN/Part Number	Comment

General Answer/Comment:

Choke coil not soldered. Visual inspection added and new work instructions.
BP 1/18

Short Description:

Field Service Information

PI Number:
Bulletin Number:
GM Messenger Date:

Field Remedy:

Production Remedy:

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior
2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Part

Primary Part	Part Number	Part Name	Supp ier Name	Part Year	DUNS Code	Cata og Number	Deck Code	Seria Casting Number

Suspect Parts Available? No

Shipping Details:

Location of Parts:

Remarks:

Labor Information

Labor Codes Information

Primary	Labor Code
Y	N3520

Dealer and Field Contact Information

Dealer

Dealer Number:
Dealer Name:
Dealer Phone:
Dealer Contact:
Dealer Email Address:

Field Representative

Field Rep Contact Name:
Field Rep Number:
Field Rep Phone:
Field Rep Email Address:

Supporting Process

Trigger Question:
Trigger Answer:
Step when issue is flagged:
Date when issue was flagged:
Flagged by:

Impact Info -> Impacted Product Lines

Impacted Product Lines

Product Line	Project Number	Bypass Prioritization	Prioritization Ranking By	Priority Va ue
7L	Equinox/Terrain	N	FPR	0.001

Impact Info -> Aftersales

Aftersales Comments:

Aftersales Impact Metrics Information

Metric	Number of Cases
FPR	1

Customer Satisfaction

Customer Satisfaction Question

Product Line	Project Number	Avai ab e Data
7L	Equinox/Terrain	No

Customer Survey Information

Product Line	Project Number	Impact Category	Survey	Survey Category	Wave	Tota PPH	Option PPH	Reference PPH	Satisfaction	Satisfaction Reference	PPH	Mode Year

Report Date:

Customer Survey Comments

Warranty

Warranty Question

Product Line	Project Number	Avai ab e Data
7L	Equinox/Terrain	No

Labor Codes Information

Primary	Labor Code
Y	N3520

Warranty Measure Information

Product Line	Project Number	Impact Category	Warranty Measure	Sa es Region	0 MIS	2 MIS	6MIS	12 MIS	24 MIS	36 MIS	Mode Year	Ca endar Year	Currency Type	Report Date

Solution Effectiveness (%) Information

Product Line	Project Number	So ution Effectiveness (%)

Report Date:

Warranty Comment

Issue Status

Issue Status

Next Step

Next Step Role Assignments

Ro e Name	Assignment Date	Name	Department	Phone
Champion	04-FEB-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Next Step Target Dates

Next Step Target Submit Date: 06-MAR-2010 Next Step Target Approve/Close Date:

SOLUTION FEEDBACK

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	04-FEB-2010	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
04-FEB-2010	06-MAR-2010			06-MAR-2010

Step Actions

Action	Date	Name	Department	Phone	Comment
C osed	06-MAR-2010	Batch			

Solution Analysis

Last Break Point

Date	VIN/Part Number	Comment

Develop Solution

General Answer/Comment:

Choke coil not soldered. Visual inspection added and new work instructions.
BP 1/18

Short Description:

Field Service Information

PI Number:
Bulletin Number:
GM Messenger Date:

Field Remedy:

Production Remedy:

Solution Result:

Summary

Summary

Supporting Process

Trigger Question:
Step when issue is flagged:
Flagged by:
Trigger Answer:
Date when issue was flagged:

Issue Status

Issue Status

24hr CDP Hand-Off
Cover Letter

Included in this FIND21 case is information regarding an emerging issue that has been identified by the 24hr CDP team. You have been identified as the Natural Owner to root cause and resolve this concern. The 24hr CDP Tracking Sheet is updated daily and posted to the website by approximately 3:00 p.m. The website address is: [redacted]

The following items must be provided for closure:

1. **You are required to update the 24hr CDP Team at your scheduled call-in time. The teleconference phone number is** [redacted] **or International** [redacted], **access code** [redacted]

2. **On the conference call you are required to report the root cause, containment / resolution plan, and the assembly plant containment / resolution breakpoint date. The 17 digit VIN is optional.**

3. **Information regarding the containment / resolution plan must be included in the PRTS+ case. 24hr CDP information is updated in the Root Cause Tab in the Root Cause Analysis area. A description of the 24hr CDP containment / resolution plan is to be documented in this area by placing root cause information, containment plans and assembly plant containment date. (If case is SQ responsible, document SPO stock purged along with Asm. Plant pipeline.)**

4. **It is also your responsibility to move the PRTS+ case to the Feedback status.**

5. **The cut-off time for the current hand-off (identification) date is 2:00 pm. Any cases received after the 2:00 pm cut-off time will be considered handed-off the next business day.**

Case Originator: **Chuck Rouleau**
Phone No: **586-947-3477**
Fax No: **586-947-9503**

Champion Completing Root Cause Phase in PRTS+ for 24hr CDP Case

[redacted]

NOTE: In PRTS+ all fields/areas with a red asterisk are required fields by PRTS+ to be completed

- Go to the Root Cause Tab in the PRTS+ case.
  To make entries in each section, click the edit button and a white box will appear.

- In the Root Cause Analysis section:

  - **Required by Champion**: Enter Root Cause, Containment plans and assembly plant containment date in this section. If case is Supplier Quality responsible, document if SPO stock has been purged. Attachments are to be placed in the designated Attachment area of PRTS+.

- In the Custom Fields section:
  There are two fields, Meeting Date and Containment Implementation Forecast

  - **Required by Champion:** Enter the Containment Date into the field titled Containment Implementation Forecast (Use date format dd-mmm-yyyy. ex.: 31-Dec-1900. Month in English)

  - **Not Required by Champion:** The field titled Meeting Date is used by the 24hr CDP Data Experts to record the initial report out date

- In the Summary section:
  The 24hr CDP Data Expert records the conference call comments. There is no need for the Champion to add additional comments in this area.

- **Required by Champion:** The Champion is to move the case into Feedback and assign Kathy Macko (Data Expert) as Feedback Champion.

[redacted]

PRTS Dynamics

16 NOV 2018

Issue Number: [redacted] Issue Age: 53 days Issue Type: (Aftersales) Product Report Issue Status: Closed Actions: Available Issue Actions

Issue Events: 06-Mar-2010 - Closed [Solution Feedback] ... Current Step: Solution Feedback Current Step Status: Complete Current Step Target:

Project: US-United States Program: Equinox / GMNA Passenger Car

Subject: Windshield Wiper Motor,Front - 24hr Inoperative - C

Product Line: 7L-Global Theta Crossover Vehicles Project Number: Equinox/Terrain

Severity: 4-Annoyance / Continuous improvement. [!]

Associated Issues: 2 Tasks: 0 Attachments: 1 Memos: 1

Issue Memos -> View User Memo

Close

From : Charles Rouleau

Sent To:

To [redacted], angelo.d.girolamo@gm.com, yvonne.cummings@gm.com, tim.ludwig@gm.com, Chuck.Rouleau@gm.com
cc ... keith.borowy@gm.com, david.macgillis@gm.com, kelly.lynch@gm.com , leslie.tuckey@gm.com, ray.romeo@gm.com, len.tillard@gm.com, melissa.clifford@gm.com, ronald.e.turner@gm.com, mohammad.wazir@gm.com, ste

Memo:

Subject : PRTS+ 1116285: 2010-US - United States, Windshield Wiper Motor, Front - 24hr Inoperative - Equinox

Text:

24 Hr Case [redacted]
Scheduled Report Out Is At 7:10AM, Friday, January 15, 2010
Vic Demko (Champion Designee)

Attachment(s):

Action	View/Download Attachment	Attachment Title	File Size(MB)	Associated Step	Attach Date	Attached By
There are no items to display.						

Last Updated By: Charles Rouleau Last Updated Date: 13-Jan-2010

Close

* indicates required field for this screen

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PRTS Dynamics - Complete Report

Issue Number: [redacted]	**Issue Age:** 5	**Issue Type:** (Aftersales) Field Performance Report		**Issue Status:** Closed	
		Current Step: Field Performance Report		**Current Step Status:** Complete	**Current Step Target:**

Project: US-United States
Program: Terrain / GMNA Passenger Car
Subject: Wiper Motor Assembly , Windshield - Wipers Stopped Working
Product Line: 7L-Global Theta Crossover Vehicles
Project Number: Equinox/Terrain

Associated Issues: 1 **Tasks:** **Attachments:** **Memos:**

REPORT

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Issue Approver	13-APR-2017	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564
Originator	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
13-APR-2017		13-APR-2017		18-APR-2017

Step Actions

Action	Date	Name	Department	Phone	Comment
Submitted	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236	
Originated	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236	
C osed	18-APR-2017	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564	

Issue Definition

Vehicle Line/Engineering Source: Terrain / GMNA Passenger Car
Product Line: 7L-Global Theta Crossover Vehicles

PRTS Dynamics - Complete Report

Project Number: Equinox/Terrain
Country: US-United States

Issue Title

Part Name: Wiper Motor Assembly
Part Location: Windshield
Complaint: Wipers Stopped Working

Affected Vehicles

Model Year(s): 2011
Make: GMC
Vehicle Line: Terrain-GMC Crossover
Engine(s):
Axles:
Transmission(s):
Transfer Case:
Hardware Stage:

Origination Point

Origination Point: Dealer
Dealer Number: [redacted]
Field Rep Number:

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date
1	Originator	

VIN Information

Primary (VIN)	VIN	Bui d Date	Engine No	Odometer Reading	Odometer Units	Transmission No
Y	2CTALMEC3B6[redacted]	21-FEB-2011		119,939	Mi es	

Problem Description

Symptoms/Complaints:

Customer states that the wipers suddenly stopped working.

Faulty wiper transmission, snapped where it's mated to arm. Recall not applicable to this vin

Rep aced wiper transmissi assemb y and rechecked. Bu etin 25300-03 is re ated, a though customer ives outside of area specified.

Probable Cause:

Corrective Action:

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior
2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Parts

Part Name	Part Number

Suspect Parts Available?

Location of Parts:

RO [redacted]

PRTS Dynamics - Complete Report

Issue Number: [redacted]	**Issue Age:** 124	**Issue Type:** (Aftersales) Product Report		**Issue Status:** Closed			
		Current Step: Solution Feedback		**Current Step Status:** Complete		**Current Step Target:** 14-SEP-2017	

Project: US-United States
Program: Terrain / GMNA Passenger Car
Subject: Wiper Motor Assembly , Windshield - Wipers Stopped Working
Product Line: 7L-Global Theta Crossover Vehicles
Project Number: Equinox/Terrain

Associated Issues: 2	**Tasks:**	**Attachments:**	**Memos:**

REPORT

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Issue Approver	13-APR-2017	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564
Originator	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
13-APR-2017		13-APR-2017		18-APR-2017

Step Actions

Action	Date	Name	Department	Phone	Comment
Submitted	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236	
Approved	18-APR-2017	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564	
Originated	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236	

Issue Definition

Vehicle Line/Engineering Source: Terrain / GMNA Passenger Car
Product Line: 7L-Global Theta Crossover Vehicles

PRTS Dynamics - Complete Report

Project Number: Equinox/Terrain
Country: US-United States

Issue Title

Part Name: Wiper Motor Assembly
Part Location: Windshield
Complaint: Wipers Stopped Working
Severity: *S-Potential Safety, Safety Compliance and/or Safety Regulatory Criteria
Restricted Issue:

Affected Vehicles

Model Year(s):		Other Potentially Affected Vehicle Lines:	
Steering Type:		Engine(s):	
Body Style(s):		Transmission(s):	
Axles:		Transfer Case:	
Relavent Options:		Local Component PR:	

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date

VIN Information

Primary (VIN)	VIN	Bui d Date	Engine No	Odometer Reading	Odometer Units	Transmission No
	2CTALMEC3B6[redacted]					

Problem Description

Symptoms/Complaints:

Customer states that the wipers suddenly stopped working.

Faulty wiper transmission, snapped where it's mated to arm. Recall not applicable to this vin

Replaced wiper transmission assembly and rechecked. Bulletin 25300-03 is related, although customer lives outside of area specified.

GM Vehicle Level Hazards
Loss or degradation of driver ability to see vehicle surroundings (LDV)

Probable Cause:

Corrective Action:

Driving Conditions:		Environmental Condtions:	
Road Surface:		Action Requested:	
Success of Corrective Action:			
Trouble Codes Affected:			

Remarks:

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior

2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Parts

Primary Part	Part Name	Part Number	Supp ier Name	Part Year	DUNS Code	Cata og Number	Deck Code	Seria /Casting Number

Suspect Parts Available?

Shipping Details:

Location of Parts:

RO [redacted]

Remarks:

Labor Information

Labor Codes Information

Primary	Labor Code

Dealer and Field Contact Information

Dealer

Dealer Number: [redacted]
Dealer Name:
Dealer Phone:
Dealer Contact:
Dealer Email Address:

Field Representative

Field Rep Contact Name:
Field Rep Number:
Field Rep Phone:
Field Rep Email Address:

Impact Info -> Impacted Product Lines

Impacted Product Lines

Product Line	Project Number	Bypass Prioritization	Prioritization Ranking By	Priority Va ue
7L	Equinox/Terrain	N		

External Systems

System References

Externa System Name	Externa System Issue ID

Issue Status

Issue Status

SUFS042417TZT6MH0 submitted

PRTS Dynamics - Complete Report

Issue Number: [redacted]	**Issue Age:** 124	**Issue Type:** (Aftersales) Product Report		**Issue Status:** Closed			
		Current Step: Solution Feedback		**Current Step Status:** Complete		**Current Step Target:** 14-SEP-2017	

Project: US-United States
Program: Terrain / GMNA Passenger Car
Subject: Wiper Motor Assembly , Windshield - Wipers Stopped Working
Product Line: 7L-Global Theta Crossover Vehicles
Project Number: Equinox/Terrain

Associated Issues: 2	**Tasks:**	**Attachments:**	**Memos:**

REPORT

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Issue Approver	13-APR-2017	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564
Originator	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
13-APR-2017		13-APR-2017		18-APR-2017

Step Actions

Action	Date	Name	Department	Phone	Comment
Submitted	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236	
Approved	18-APR-2017	Char es Rou eau	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center	+1 586-510-9564	
Originated	13-APR-2017	Wendy O ivier	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity *** Service Learning Center *** Fie d Product Reporting Support	+1 586-947-7236	

Issue Definition

Vehicle Line/Engineering Source: Terrain / GMNA Passenger Car
Product Line: 7L-Global Theta Crossover Vehicles

PRTS Dynamics - Complete Report

Project Number: Equinox/Terrain
Country: US-United States

Issue Title

Part Name: Wiper Motor Assembly
Part Location: Windshield
Complaint: Wipers Stopped Working
Severity: *S-Potential Safety, Safety Compliance and/or Safety Regulatory Criteria
Restricted Issue:

Affected Vehicles

Model Year(s):		Other Potentially Affected Vehicle Lines:	
Steering Type:		Engine(s):	
Body Style(s):		Transmission(s):	
Axles:		Transfer Case:	
Relavent Options:		Local Component PR:	

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date

VIN Information

Primary (VIN)	VIN	Bui d Date	Engine No	Odometer Reading	Odometer Units	Transmission No
	2CTALMEC3B6[redacted]					

Problem Description

Symptoms/Complaints:

Customer states that the wipers suddenly stopped working.

Faulty wiper transmission, snapped where it's mated to arm. Recall not applicable to this vin

Replaced wiper transmission assembly and rechecked. Bulletin 25300-03 is related, although customer lives outside of area specified.

GM Vehicle Level Hazards
Loss or degradation of driver ability to see vehicle surroundings (LDV)

Probable Cause:

Corrective Action:

Driving Conditions:		Environmental Condtions:	
Road Surface:		Action Requested:	
Success of Corrective Action:			
Trouble Codes Affected:			

Remarks:

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior

2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Parts

Primary Part	Part Name	Part Number	Supp ier Name	Part Year	DUNS Code	Cata og Number	Deck Code	Seria /Casting Number

Suspect Parts Available?

Shipping Details:

Location of Parts:

RO[redacted]

Remarks:

Labor Information

Labor Codes Information

Primary	Labor Code

Dealer and Field Contact Information

Dealer

Dealer Number: [redacted]
Dealer Name:
Dealer Phone:
Dealer Contact:
Dealer Email Address:

Field Representative

Field Rep Contact Name:
Field Rep Number:
Field Rep Phone:
Field Rep Email Address:

Impact Info -> Impacted Product Lines

Impacted Product Lines

Product Line	Project Number	Bypass Prioritization	Prioritization Ranking By	Priority Va ue
7L	Equinox/Terrain	N		

External Systems

System References

Externa System Name	Externa System Issue ID

Issue Status

Issue Status

Parts reviewed and photos provided to DRE Mario Ocasio and Safety Forensic Engineer Wendy Kwiecinski. This condition has been observed previous y and continued investigation is ongoing. This case has been associated with PRTS with the same failure condition. Vehicle had 119,939 miles when wiper linkage failure occurred, well out of vehicle warranty coverage. To c ose with no further action.
Reviewed with Ty er. Continuing and on-going investigation for this issue with the Safety Team. C ose this issue to the SUFS submitted. Gary McAdam - Group Manager Crossovers.
EWO 2415612 drove change to new design re eased summer 2016

Next Step

Next Step Role Assignments

Ro e Name	Assignment Date	Name	Department	Phone
Champion	18-APR-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Next Step Target Dates

Next Step Target Submit Date: 23-APR-2017 Next Step Target Approve/Close Date:

SENT

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	18-APR-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
18-APR-2017	23-APR-2017	21-APR-2017		21-APR-2017

Step Actions

Action	Date	Name	Department	Phone	Comment
Approved	21-APR-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048	

Supporting Processes

Trigger Question:
Step when issue is flagged:
Flagged by:
Trigger Answer:
Date when issue was flagged:

Issue Status

Issue Status:

SUFS042417TZT6MH0 submitted

Parts reviewed and photos provided to DRE Mario Ocasio and Safety Forensic Engineer Wendy Kwiecinski.

This condition has been observed previous y and continued investigation is ongoing. This case has been associated with PRTS with the same failure condition.

Vehicle had 119,939 miles when wiper linkage failure occurred, well out of vehicle warranty coverage.

To c ose with no further action.

Reviewed with Ty er. Continuing and on-going investigation for this issue with the Safety Team. C ose this issue to the SUFS submitted. Gary McAdam - Group Manager Crossovers.

EWO 2415612 drove change to new design re eased summer 2016

Next Step

Next Step Role Assignments

Ro e Name	Assignment Date	Name	Department	Phone
Champion	21-APR-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Next Step Target Dates

Next Step Target Submit Date: 05-MAY-2017
Next Step Target Approve/Close Date:

ADD. INFO NEEDED

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	21-APR-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
21-APR-2017	05-MAY-2017	15-MAY-2017		15-MAY-2017

Step Actions

Action	Date	Name	Department	Phone	Comment
Approved	15-MAY-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048	

24 Hour Information

24 Hour:
Source of Information:

24 Hour CDP Group Information

Natural owner of problem:
Name of Natural owner of problem:

Affected Vehicles

Model Year(s):
Other Potentially Affected Vehicle Lines:
Steering Type:
Engine(s):
Body Style(s):
Transmission(s):
Axles:
Transfer Case:
Relavent Options:
Local Component PR:

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date

VIN Information

Primary (VIN)	VIN	Bui d Date	Odometer Reading	Odometer Units	Transmission No	Engine No
	2CTALMEC3B6[redacted]					

Problem Description

Symptoms/Complaints:

Customer states that the wipers suddenly stopped working.

Faulty wiper transmission, snapped where it's mated to arm. Recall not applicable to this vin

Replaced wiper transmission assembly and rechecked. Bulletin 25300-03 is related, although customer lives outside of area specified.

GM Vehicle Level Hazards
Loss or degradation of driver ability to see
vehicle surroundings (LDV)

Probable Cause:

Corrective Action:

Driving Conditions:	Environmental Conditions:
Road Surface:	Action Requested:
Success of Corrective Action:	
Trouble Codes Affected:	

Remarks:

Develop Solution

Last Break Point

Date	VIN/Part Number	Comment

General Answer/Comment:

Parts reviewed and photos provided to DRE Mario Ocasio and Safety Forensic Engineer Wendy Kwiecinski.

This condition has been observed previous y and continued investigation is ongoing. This case has been associated with PRTS with the same failure condition.

Vehicle had 119,939 miles when wiper linkage failure occurred, well out of vehicle warranty coverage.

To close with no further action.

SUFS042417TZT6MH0

EWO 2415612 imp emented change of wiper design to a new wiper motor and transmission assemb y which prevents grease washout condition at the ball socket joints. New design applied to production and service parts to replace old design.

Service Information provides correct direction for dealers to follow when diagnosing wiper concerns.

Fie d Action 25302 addresses high fai ure rate spike observed on y on 2013 Mode Years in USA. Dea ers rep ace origina design wiper system with the new one piece assembly from EWO 2415612 . Part number 84241847

CAMI breakpoint 2GNALCEK9H6[redacted]08-06-2016

Oshawa Breakpoint 2GNALBEK5H1[redacted] 08-10-2017

Short Description:

Field Service Information

PI Number:	
Bulletin Number:	
GM Messenger Date:	

Field Remedy:

Production Remedy:

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior
2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Part

Primary Part	Part Number	Part Name	Supp ier Name	Part Year	DUNS Code	Cata og Number	Deck Code	Seria Casting Number

Suspect Parts Available?

Shipping Details:

Location of Parts:

RO 609636

Remarks:

Labor Information

Labor Codes Information

Primary	Labor Code

Dealer and Field Contact Information

Dealer

Dealer Number: [redacted]
Dealer Name:
Dealer Phone:
Dealer Contact:
Dealer Email Address:

Field Representative

Field Rep Contact Name:
Field Rep Number:
Field Rep Phone:
Field Rep Email Address:

Supporting Processes

Trigger Question:
Step when issue is flagged:
Flagged by:
Trigger Answer:
Date when issue was flagged:

Impact Info -> Impacted Product Lines

Impacted Product Lines

Product Line	Project Number	Bypass Prioritization	Prioritization Ranking By	Priority Va ue
7L	Equinox/Terrain	N		

Impact Info -> Aftersales

Aftersales Comments:

Aftersales Impact Metrics Information

Metric	Number of Cases

Customer Satisfaction

Customer Satisfaction Question

Product Line	Project Number	Avai ab e Data
7L	Equinox/Terrain	

Customer Survey Information

Product Line	Project Number	Impact Category	Survey	Survey Category	Wave	Tota PPH	Option PPH	Reference PPH	Satisfaction	Satisfaction Reference	PPH	Mode Year

Report Date:

Customer Survey Comments

Warranty

Warranty Question

Product Line	Project Number	Avai ab e Data
7L	Equinox/Terrain	

Labor Codes Information

Primary	Labor Code

Warranty Measure Information

Product Line	Project Number	Impact Category	Warranty Measure	Sa es Region	0 MIS	2 MIS	6MIS	12 MIS	24 MIS	36 MIS	Mode Year	Ca endar Year	Currency Type	Report Date

Solution Effectiveness (%) Information

Product Line	Project Number	So ution Effectiveness (%)

Report Date:

Warranty Comment

Issue Status

Issue Status

SUFS042417TZT6MH0 submitted

Parts reviewed and photos provided to DRE Mario Ocasio and Safety Forensic Engineer Wendy Kwiecinski.

This condition has been observed previous y and continued investigation is ongoing. This case has been associated with PRTS with the same failure condition.

Vehicle had 119,939 miles when wiper linkage failure occurred, well out of vehicle warranty coverage.

To c ose with no further action.

Reviewed with Ty er. Continuing and on-going investigation for this issue with the Safety Team. C ose this issue to the SUFS submitted. Gary McAdam - Group Manager Crossovers.

EWO 2415612 drove change to new design re eased summer 2016

Next Step

Next Step Role Assignments

PRTS Dynamics - Complete Report

Ro e Name	Assignment Date	Name	Department	Phone
Champion	15-MAY-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Next Step Target Dates

Next Step Target Submit Date: 03-AUG-2017 Next Step Target Approve/Close Date: 20-AUG-2017

PRTS Dynamics - Complete Report

OPEN

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	15-MAY-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
15-MAY-2017	03-AUG-2017	15-AUG-2017	20-AUG-2017	15-AUG-2017

Step Actions

Action	Date	Name	Department	Phone	Comment
Returned	25-JUN-2017	Eddie Simcox	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** G oba Dea er Service & Warranty Operations *** Data Ana ytics & Warranty Reduction	+1 586-492-3186	this issue is associated to a engr ite. that is not a action PRTS. Associate the issue to a action PRTS then resubmit.
Submitted	25-MAY-2017	[redacted]	UNKNOWN ORG	[redacted]	
Returned	04-JUN-2017	Eddie Simcox	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** G oba Dea er Service & Warranty Operations *** Data Ana ytics & Warranty Reduction	+1 586-492-3186	to c ose a *S PRTS you must associate it to an action PRTS. An engr ite is not a action PRTS.
Submitted	09-JUN-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048	
Approved	15-AUG-2017	Steven Bruder	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity	+1 810-730-9963	
Submitted	15-AUG-2017	Steven Bruder	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity	+1 810-730-9963	

24 Hour Information

24 Hour:
Source of Information:

24 Hour CDP Group Information

Natural owner of problem:
Name of Natural owner of problem:

Affected Vehicles

Model Year(s):
Steering Type:
Body Style(s):
Axles:
Other Potentially Affected Vehicle Lines:
Engine(s):
Transmission(s):
Transfer Case:

Relavent Options: Local Component PR:

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date

VIN Information

Primary (VIN)	VIN	Bui d Date	Engine No	Odometer Reading	Odometer Units	Transmission No
	2CTALMEC3B6[redacted]					

Problem Description

Symptoms/Complaints:

Customer states that the wipers suddenly stopped working.

Faulty wiper transmission, snapped where it's mated to arm. Recall not applicable to this vin

Replaced wiper transmission assembly and rechecked. Bulletin 25300-03 is related, although customer lives outside of area specified.

GM Vehicle Level Hazards
Loss or degradation of driver ability to see
vehicle surroundings (LDV)

Probable Cause:

Corrective Action:

Driving Conditions: Environmental Condtions:
Road Surface: Action Requested:
Success of Corrective Action:
Trouble Codes Affected:

Remarks:

Develop Solution

Last Break Point

Date	VIN/Part Number	Comment

General Answer/Comment:

Parts reviewed and photos provided to DRE Mario Ocasio and Safety Forensic Engineer Wendy Kwiecinski.

This condition has been observed previous y and continued investigation is ongoing. This case has been associated with PRTS with the same failure condition.

Vehicle had 119,939 miles when wiper linkage failure occurred, well out of vehicle warranty coverage.

To close with no further action.

SUFS042417TZT6MH0

OPEN

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	15-MAY-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
15-MAY-2017	03-AUG-2017	15-AUG-2017	20-AUG-2017	15-AUG-2017

Step Actions

Action	Date	Name	Department	Phone	Comment
Returned	25-JUN-2017	Eddie Simcox	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** G oba Dea er Service & Warranty Operations *** Data Ana ytics & Warranty Reduction	+1 586-492-3186	this issue is associated to a engr ite. that is not a action PRTS. Associate the issue to a action PRTS then resubmit.
Submitted	25-MAY-2017	[redacted]	UNKNOWN ORG	[redacted]	
Returned	04-JUN-2017	Eddie Simcox	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** G oba Dea er Service & Warranty Operations *** Data Ana ytics & Warranty Reduction	+1 586-492-3186	to c ose a *S PRTS you must associate it to an action PRTS. An engr ite is not a action PRTS.
Submitted	09-JUN-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048	
Approved	15-AUG-2017	Steven Bruder	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity	+1 810-730-9963	
Submitted	15-AUG-2017	Steven Bruder	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity	+1 810-730-9963	

24 Hour Information

24 Hour:
Source of Information:

24 Hour CDP Group Information

Natural owner of problem:
Name of Natural owner of problem:

Affected Vehicles

Model Year(s):
Steering Type:
Body Style(s):
Axles:
Other Potentially Affected Vehicle Lines:
Engine(s):
Transmission(s):
Transfer Case:

Relavent Options: Local Component PR:

VIN Information

Cases

No of Cases	Recorded by/Originator	Recorded Date

VIN Information

Primary (VIN)	VIN	Bui d Date	Engine No	Odometer Reading	Odometer Units	Transmission No
	2CTALMEC3B6[redacted]					

Problem Description

Symptoms/Complaints:

Customer states that the wipers suddenly stopped working.

Faulty wiper transmission, snapped where it's mated to arm. Recall not applicable to this vin

Replaced wiper transmission assembly and rechecked. Bulletin 25300-03 is related, although customer lives outside of area specified.

GM Vehicle Level Hazards
Loss or degradation of driver ability to see
vehicle surroundings (LDV)

Probable Cause:

Corrective Action:

Driving Conditions: Environmental Condtions:
Road Surface: Action Requested:
Success of Corrective Action:
Trouble Codes Affected:

Remarks:

Develop Solution

Last Break Point

Date	VIN/Part Number	Comment

General Answer/Comment:

EWO 2415612 imp emented change of wiper design to a new wiper motor and transmission assemb y which prevents grease washout condition at the ball socket joints. New design applied to production and service parts to replace old design.

Service Information provides correct direction for dealers to follow when diagnosing wiper concerns.

Fie d Action 25302 addresses high fai ure rate spike observed on y on 2013 Mode Years in USA. Dea ers rep ace origina design wiper system with the new one piece assembly from EWO 2415612 . Part number 84241847

CAMI breakpoint 2GNALCEK9H6[redacted] 08-06-2016

Oshawa Breakpoint 2GNALBEK5H1[redacted] 08-10-2017

Short Description:

Field Service Information

PI Number:

Bulletin Number:
GM Messenger Date:

Field Remedy:

Production Remedy:

Affected Parts

VPPS

1st Level (VPPS): 60-Exterior
2nd Level (VPPS): 60.08-Wiper & Washer
3rd Level (VPPS): 60.08.01-Front Wiper Assembly
4th Level (VPPS):

Part

Primary Part	Part Number	Part Name	Supp ier Name	Part Year	DUNS Code	Cata og Number	Deck Code	Seria Casting Number

Suspect Parts Available?

Shipping Details:

Location of Parts:

RO [redacted]

Remarks:

Labor Information

Labor Codes Information

Primary	Labor Code

Dealer and Field Contact Information

Dealer

Dealer Number: [redacted]
Dealer Name:
Dealer Phone:
Dealer Contact:
Dealer Email Address:

Field Representative

Field Rep Contact Name:
Field Rep Number:
Field Rep Phone:
Field Rep Email Address:

Supporting Process

Trigger Question:
Step when issue is flagged:
Flagged by:
Trigger Answer:
Date when issue was flagged:

Impact Info -> Impacted Product Lines

Impacted Product Lines

PRTS Dynamics - Complete Report

Product Line	Project Number	Bypass Prioritization	Prioritization Ranking By	Priority Va ue
7L	Equinox/Terrain	N		

Impact Info -> Aftersales

Aftersales Comments:

Aftersales Impact Metrics Information

Metric	Number of Cases

Customer Satisfaction

Customer Satisfaction Question

Product Line	Project Number	Avai ab e Data
7L	Equinox/Terrain	

Customer Survey Information

Product Line	Project Number	Impact Category	Survey	Survey Category	Wave	Tota PPH	Option PPH	Reference PPH	Satisfaction	Satisfaction Reference	PPH	Mode Year

Report Date:

Customer Survey Comments

Warranty

Warranty Question

Product Line	Project Number	Avai ab e Data
7L	Equinox/Terrain	

Labor Codes Information

Primary	Labor Code

Warranty Measure Information

Product Line	Project Number	Impact Category	Warranty Measure	Sa es Region	0 MIS	2 MIS	6MIS	12 MIS	24 MIS	36 MIS	Mode Year	Ca endar Year	Currency Type	Report Date

Solution Effectiveness (%) Information

Product Line	Project Number	So ution Effectiveness (%)

Report Date:

Warranty Comment

Issue Status

Issue Status

SUFS042417TZT6MH0 submitted

Parts reviewed and photos provided to DRE Mario Ocasio and Safety Forensic Engineer Wendy Kwiecinski.

This condition has been observed previous y and continued investigation is ongoing. This case has been associated with PRTS with the same failure condition.

Vehicle had 119,939 miles when wiper linkage failure occurred, well out of vehicle warranty coverage.

To c ose with no further action.

Reviewed with Ty er. Continuing and on-going investigation for this issue with the Safety Team. C ose this issue to the SUFS submitted. Gary McAdam - Group Manager Crossovers.

EWO 2415612 drove change to new design re eased summer 2016

Next Step

Next Step Role Assignments

Ro e Name	Assignment Date	Name	Department	Phone
Champion	15-AUG-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Next Step Target Dates

Next Step Target Submit Date: 25-AUG-2017 Next Step Target Approve/Close Date: 14-SEP-2017

SOLUTION FEEDBACK

Main

User Role Assignments

Role	Assignment Date	Name	Department	Phone
Champion	15-AUG-2017	Ty er Greenhi	Genera Motors *** Genera Motors Finance *** G oba Business So utions *** GBS Transportation Services *** GMNA Company Vehic e Operations *** GMNA Captured Test F eet	+1 586-359-9048

Step Dates

Step Start Date	Target Submit Date	Actual Submit Date	Target Close Date	Actual Close Date
15-AUG-2017	25-AUG-2017	15-AUG-2017	14-SEP-2017	15-AUG-2017

Step Actions

Action	Date	Name	Department	Phone	Comment
C osed	15-AUG-2017	Steven Bruder	Genera Motors *** Genera Motors *** GM North America *** Customer Care and Aftersa es *** G oba Aftersa es Engineering and Service Operations *** Brand Qua ity	+1 810-730-9963	

Solution Analysis

Last Break Point

Date	VIN/Part Number	Comment

Develop Solution

General Answer/Comment:

Parts reviewed and photos provided to DRE Mario Ocasio and Safety Forensic Engineer Wendy Kwiecinski.

This condition has been observed previous y and continued investigation is ongoing. This case has been associated with PRTS with the same failure condition.

Vehicle had 119,939 miles when wiper linkage failure occurred, well out of vehicle warranty coverage.

To close with no further action.

SUFS042417TZT6MH0

EWO 2415612 imp emented change of wiper design to a new wiper motor and transmission assemb y which prevents grease washout condition at the ball socket joints. New design applied to production and service parts to replace old design.

Service Information provides correct direction for dealers to follow when diagnosing wiper concerns.

Fie d Action 25302 addresses high fai ure rate spike observed on y on 2013 Mode Years in USA. Dea ers rep ace origina design wiper system with the new one piece assembly from EWO 2415612 . Part number 84241847

CAMI breakpoint 2GNALCEK9H6[redacted]08-06-2016

Oshawa Breakpoint 2GNALBEK5H1[redacted]08-10-2017

Short Description:

Field Service Information

PI Number:
Bulletin Number:
GM Messenger Date:

Field Remedy:

Production Remedy:

Solution Result:

Summary

Summary

Supporting Process

Trigger Question:	Trigger Answer:
Step when issue is flagged:	Date when issue was flagged:
Flagged by:	

Issue Status

Issue Status

SUFS042417TZT6MH0 submitted

Parts reviewed and photos provided to DRE Mario Ocasio and Safety Forensic Engineer Wendy Kwiecinski.

This condition has been observed previous y and continued investigation is ongoing. This case has been associated with PRTS with the same failure condition.

Vehicle had 119,939 miles when wiper linkage failure occurred, well out of vehicle warranty coverage.

To c ose with no further action.

Reviewed with Ty er. Continuing and on-going investigation for this issue with the Safety Team. C ose this issue to the SUFS submitted. Gary McAdam - Group Manager Crossovers.

EWO 2415612 drove change to new design re eased summer 2016