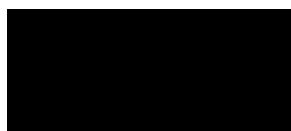


PE18-012

GM

3-27-2019

Q3





Service Request Activities – UCC PAR

Report Date: Wednesday, 12/10/2018

Page 1 of 5

Service Request Detail

SR No.		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 - Operable
City		Zip		State		Sub-Area	Escalated to BRC
Last Name		First Name		Involved Dir	Kutztown Auto Sales	Safety	Loss of Braking
Daytime #		Evening #		Source	Phone	Updated	12/10/2018 19:47:29
Serial/VIN #	3GTU2MEC7GG	Mileage	35000	Priority	Medium	License #	Owner
Model	Sierra 1500	Model Year	2016	Status	Open	Opened	Dec 10, 2018 12:01 AM
Make	GMC	Warranty Start	09/06/2016 00:00:00	Sub Status		Closed	
Cust Concern	PAC- Customer had an accident because of the brake failure						
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

Report Date: Wednesday, December 12, 2018

Page 2 of 5

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

Report Date: Wednesday, December 12, 2018

Page 3 of 5

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
Dec 10, 2018 12:10 AM	H28NCR	ESISBIQU	Escalation	ESIS - CAC Third Party	In Progress		Escalating to ESIS
Last Name	First Name	Account	BAC Code				
Comments							
1. Date of the Incident: August 2018							
2. Was there an accident?: Yes							
3. Accident Location : PA							
4. Please describe the incident and what vehicle part is the alleged concern: Customer had an accident because of the brake failure							
5. Where is the vehicle currently located? : Dealer Kutztown Auto Sales							
6. Was an insurance claim filed?: N							
7. Has the vehicle been repaired?: N							
If yes to 8 or 9 below, send to ESIS:							
8. Did anyone seek professional medical attention? ☐ If Yes: None							
9. Did the part concern/allegation cause damage to anything outside the vehicle? Trailer							
10. Why are you Escalating this to PAC or ESIS? Customer was involved in an accident because of the brake failure and damaged their trailer							
Confidential Comments							



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 4 of 5

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 10, 2018 12:10 AM	HZ8NGR	BZQXQ5	Manager Review	PAC/ESIS	Done	12/10/2018 19:47:23	Review for PAC
Last Name		First Name		Account	BAC Code		
[REDACTED]		[REDACTED]					
Comments							
Approved:							
Eugene/TeamLead/MAN							
Confidential Comments							

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Dec 10, 2018 12:04 AM	HZ8NGR	HZ8NGR	Inbound Call Customer	Complex Request	Done	12/10/2018 12:19:15	PAC - the vehicle was involved in a an accident because the brake failure
Last Name		First Name		Account	BAC Code		
[REDACTED]		[REDACTED]					
Comments							
Customer's reason for calling: [REDACTED] (son-in-law) called because they had an accident because there was no brake, they almost hit people, the customer is requesting for buy back because of that, their trailer got damage and the vehicle with the dealer for a month now, they got it for a month, they had issues with the navigation, radio and electrical because of what happened, it happened back in August 2018 in PA.							
Expectations set for this customer: - CRS advised that we wil forward the case to PAC, they will work with them and they will call within 2 buss days.							
Customer agreed							
Potential safety - Yes (no brakes)							
Jen/CACTier1Redesign/MNL							
Confidential Comments							



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 5 of 5

UCC Information

UCC Code	Description	Symptom
H01	Brakes - General	Inoperative
R58	Electrical Radio - Navigation System	Inoperative
N01	Electrical - General	Inoperative

End of Report



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 1 of 10

Service Request Detail

SR No.		Ref No.		Cost Ast.		BRC Type	N/A
Account	Kutztown Auto Sales	Site/BAC		GW SubType		Business Unit	DBC - Sales
Address	14165 Kutztown			Approval	Not Initiated	Area	Incentive Payment Inquiry
City	Fleetwood	Zip	19522-8658	State	PA	Sub-Area	Request for Credit/Debit
Last Name		First Name		Involved Dlr		Safety	
Daytime #		Evening #		Source	Phone	Updated	09/21/2016 14:44:33
Serial/VIN #	3GTU2MEC7GG	Mileage		Priority	Medium	License #	QZ2F0M
Model	Sierra 1500	Model Year	2016	Status	Closed	Opened	Sep 15, 2016 10:36 AM
Make	GMC	Warranty Start	09/06/2016 00:00:00	Sub Status	Satisfied	Closed	Sep 21, 2016 2:44 PM
Cust Concern	Credit KHQ/16-40ADC/3GTU2MEC7GG						
Customer Description	Vin: 3GTU2MEC7GG Dlr sts/sks: Credit KHQ due to open recall Crs adv.: Ok i will go ahead and send you an email i will need you to reply by EOB on 9/21.Once we receive email we can move forward with the process,I will also need Finance contract the odo and the CIAF. Briana Welch/DBC Pre-Sales/SAG						

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				



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 2 of 10

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	



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 3 of 10

Veh Est Repair Cost		Spec Equip		Prop Damage	
		Installer		Description	
Primary Veh Use		Inspection		Inspected By	Inspection
		Type			Date/Time
Veh Damage Description				Explain Other	

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 21, 2016 2:44 PM	QZ2F0M	QZ2F0M	SR Closed - Satisfied		Done	09/21/2016 14:44:33	Service Request has been Closed Satisfied.
Last Name		First Name		Account		BAC Code	
				Kutztown Auto Sales			
Comments							
Confidential Comments							
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 21, 2016 2:43 PM	QZ2F0M	QZ2F0M	Email - Outbound		Done	09/21/2016 14:44:22	[SR:] KHQ Credit on 3GTU2MEC7G
Last Name		First Name		Account		BAC Code	
				Kutztown Auto Sales			
Comments							
Hi							
We are pleased to inform you that your dealership application for KHQ along with KHR was already processed on VIN 3GTU2MEC7G							



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 4 of 10

Applications are currently on pending status as per processing date of 09/21/2016. The memos will be posted 10/04/2016, followed by payments to your Open Account on 10/13/2016. Please note that all DBC Correspondence approvals are still subject to audit review.

We will no longer perform the credit processing for KHQ.

Please feel free to email us if you have further questions at dbccorr@gm.com or contact us at 1-888-414-6322, prompt 1, and reference your Case Number (SR# [REDACTED]). Our Dealer Business Center representatives are available to assist you Monday through Friday from 8:00 a.m. to 9:00 p.m., (GMT-05:00) Eastern Time (U.S.).

Sincerely,
Jelly Armada
DBC CORR Escalation Team

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 21, 2016 2:42 PM	QZ2F0M	QZ2F0M	DBC CORR Resolution	Credit	Done	09/21/2016 14:43:30	KHQ Credit 3GTU2MEC7GG [REDACTED] 16-40ADC-000

Last Name	First Name	Account	BAC Code
[REDACTED]	[REDACTED]	Kutztown Auto Sales	[REDACTED]

Comments

09/21/2016

As per BARS Screen R028/R058; KHQ , with an amount of \$6,932.00 along with KHR were submitted by the dealer and were processed on 09/21/2016. Memos will show on 10/04/2016 and payments to open account will be posted on 10/13/2016.

-CRS will inform the dealer.

-SR will be closed.

Jelly Armada/DBC CORR Escalation Team/MNL

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 21, 2016 2:42 PM	QZ2F0M	QZ2F0M	Ownership		Done	09/21/2016 14:42:06	Service Request Ownership



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 5 of 10

Last Name		First Name		Changed Account		BAC Code		has changed FROM: GZ9SW2 TO: QZ2F0M
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED]		
Comments								
Confidential Comments								
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description	
Sep 21, 2016 2:37 PM	QZ2F0M	QZ2F0M	DBC CORR Review	Accepted	Done	09/21/2016 14:44:28	KHQ Credit 3GTU2MEC7GG [REDACTED] 16-40ADC-000	
Last Name		First Name		Account		BAC Code		
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED]		
Comments								
09/21/2016								
As per BARS Screen R028/R058; KHQ , with an amount of \$6,932.00 along with KHR were submitted by the dealer and were processed on 09/21/2016. CORR will no longer perform the credit processing.								
Jelly Armada/DBC CORR Escalation Team/MNL								
Confidential Comments								
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description	
Sep 15, 2016 7:35 PM	GZ9SW2	GZ9SW2	Email - Outbound		Done	09/15/2016 19:36:27	DBC CORR - Docs Received Follow Up	
Last Name		First Name		Account		BAC Code		
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED]		
Comments								
Hello Mrs. [REDACTED]								
Thank you for contacting the Dealer Business Center regarding your Corr request.								
We have received documentation for your claim that is currently in line for review. If additional documentation is required, you will be contacted via email by a member of our Corr team.								



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 6 of 10

As a result of a larger than normal case volume, processing time is currently taking between 3-4 weeks. Someone from our team will email you with the updated status of your case.

Thank You,

Dealer Business Center

*****Please do not change anything below this line*****

[SR [REDACTED]]

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 15, 2016 7:35 PM	GZ9SW2	QZ2F0M	DBC CORR Escalation	Credit	Done	09/21/2016 14:42:10	Credit KHQ/16-40ADC/3GTU2MEC7GG [REDACTED]
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED]	

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 15, 2016 7:35 PM	GZ9SW2	GZ9SW2	SR Opened		Done	09/15/2016 19:35:37	SR in Status of Closed has been Re-Opened by GZ9SW2
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED]	

Comments

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
---------	------------	-------------	---------------	----------	--------	-------------------	-------------



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 7 of 10

Sep 15, 2016 1:37 PM	GZ9SW2	Email - Inbound	Email Closed
Last Name	First Name	Account	BAC Code
Comments			
Hopefully this is all you need. Thanks, [REDACTED]			
On Thu, Sep 15, 2016 at 1:30 PM, <dbccorr@gm.com> wrote: Hello [REDACTED],			
Thank you for contacting the Dealer Business Center. In order to process your request, please reply to this email with the following fields completed and with attached copies of the required documentation.			
[SR [REDACTED]] C.S.C. Inc. Dealership BAC or Dealer code: [REDACTED] 1st 3 and last 8 digits of the VIN: 3GTU2MEC7GG [REDACTED] Sale Date from Finance Contract or Bill of Sale:			
Incentive Name or Program Number: Incentive Code: Certificate number/Authorization Code/Approval Code (if applicable):			
Type of Request (credit, debit/chargeback, or recredit): Reason for request:			
Please send documentation to dbccorr@gm.com and a member of our Correspondence team will respond once your request has been processed.			
Sincerely,			
Dealer Business Center			
[SR [REDACTED]]			
-- [REDACTED]			
Kutztown Auto Co.			

[EXTERNAL] Re: [SR [REDACTED]] - Electronic ICR - CORR Request



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 8 of 10

Confidential Comments							Description
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	
Sep 15, 2016 1:29 PM	ZZL4RF	ZZL4RF	Email - Outbound		Done	09/15/2016 13:30:14	
Last Name		First Name	Account		BAC Code		
			Kutztown Auto Sales		■■■■		
Comments							
Hello ■■■■							
Thank you for contacting the Dealer Business Center. In order to process your request, please reply to this email with the following fields completed and with attached copies of the required documentation. [SR ■■■■] C.S.C. Inc. Dealership BAC or Dealer code: ■■■■ 1st 3 and last 8 digits of the VIN: 3GTU2MEC7GG ■■■■ Sale Date from Finance Contract or Bill of Sale: Incentive Name or Program Number: Incentive Code: Certificate number/Authorization Code/Approval Code (if applicable): Type of Request (credit, debit/chargeback, or recredit): Reason for request: Please send documentation to dbccorr@gm.com and a member of our Correspondence team will respond once your request has been processed. Sincerely, Dealer Business Center [SR ■■■■]							
Confidential Comments							
Created	Created By	Assigned To	Activity	Sub-Type	Status	Actual Completion	Description



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 9 of 10

Sep 15, 2016 10:39 AM	GZ9SW2	GZ9SW2	Type SR Closed - Satisfied		Done	09/15/2016 10:39:11	Service Request has been Closed Satisfied.
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED]	
Comments							
Confidential Comments							
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Sep 15, 2016 10:38 AM	GZ9SW2	GZ9SW2	Email - Outbound		Done	09/15/2016 10:38:50	[SR [REDACTED] - Electronic ICR - CORR Request
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED]	
Comments							
Hello [REDACTED]							
Thank you for contacting the Dealer Business Center. In order to process your request, please reply to this email with the following fields completed and with attached copies of the required documentation.							
[SR [REDACTED]] C.S.C. Inc. Dealership BAC or Dealer code: [REDACTED] 1st 3 and last 8 digits of the VIN: 3GTU2MEC7GG [REDACTED] Sale Date from Finance Contract or Bill of Sale:							
Incentive Name or Program Number: Incentive Code: Certificate number/Authorization Code/Approval Code (if applicable):							
Type of Request (credit, debit/chargeback, or recredit): Reason for request:							
Please send documentation to dbccorr@gm.com and a member of our Correspondence team will respond once your request has been processed.							
Sincerely,							
Dealer Business Center							



[SR ██████████]		
Confidential Comments		
UCC Information		
UCC Code	Description	Symptom

End of Report



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 1 of 4

Service Request Detail

SR No.		Ref No.		Cost Ast.		BRC Type	N/A
Account	Kutztown Auto Sales	Site/BAC		GW SubType		Business Unit	TAC US
Address	14165 Kutztown			Approval	Not Initiated	Area	Driveline or Axle
City	Fleetwood	Zip	19522-8658	State	PA	Sub-Area	Transfer case
Last Name		First Name		Involved Dlr		Safety	
Daytime #		Evening #		Source	Phone	Updated	11/25/2018 11:20:50
Serial/VIN #	3GTU2MEC7GG	Mileage		Priority	Consultant	License #	
	98						
Model	Sierra 1500	Model Year	2016	Status	Closed	Opened	Nov 7, 2018 8:31 AM
Make	GMC	Warranty Start	09/06/2016 00:00:00	Sub Status	System Auto Close	Closed	Nov 25, 2018 11:20 AM
Cust Concern	Won't go into 4wd, locked and banged going down highway						
Customer Description	C0397 SYMF4						

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	



Service Request Activities – UCC PAR

Report Date: Wednesday, December 12, 2018

Page 3 of 4

Veh Damage

Description

Explain Other

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Nov 25, 2018 11:20 AM	SADMIN	SYSCLOSE	SR Closed - System Auto Close		Done	11/25/2018 11:20:50	Service Request has been Closed System Auto Close.
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED][REDACTED]	
Comments							
Confidential Comments							
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Nov 7, 2018 8:42 AM	KZZP06	KZZP06	TAC Inbound Call	Informational / S. I.	Done	11/07/2018 08:42:44	.
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		Kutztown Auto Sales		[REDACTED][REDACTED]	
Comments							
Caller's Full Name:[REDACTED] Tech							
Times in _1_ Days down _2_							
y Any aftermarket modifications? Lift kit, wheels/tires							
Y Is the vehicle currently at the Dealer?							
Y Is the vehicle customer owned?							
N Is the concern intermittent?							
Y Have you duplicated the concern?							
y Have any SI documents been utilized prior to calling TAC (Capture Doc IDs)?							
• If Yes – List Doc IDs/PIs/Bulletins: 3287655							
Customer Concern:							



• Won't go into 4wd, locked and banged going down highway

N Has data been captured during concern?

Caller states (Diagnostic Findings, Results of Previous Repair Attempts, Key Points Discussed, DTCs, etc.):

• Duplicated concern, C0397 symF4

• Swapped known good encoder motor, installed most updated tccm calibration with no change

Advised caller (your suggestions, info source, etc.) must populate the two bullet points listed below:

- Repair direction (Capture all recommendations):

• Disassemble and inspect transfercase

• Repair, replace in most cost efficient way

- Source (SI Doc IDs/PI/Bulletin/Live Help):

Confidential Comments

UCC Information		
UCC Code	Description	Symptom

End of Report

Detroit, MI

CARFAX

CARFAX® Vehicle History Report™
An independent company established in 1986

US \$39.99

Vehicle Information:
2016 GMC SIERRA K1500 SLE
VIN: 3GTU2MEC7G
CREW PICKUP
5.3L V8 F OHV 16V
GASOLINE
REAR WHEEL DRIVE W/ 4X4
[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 damage reported to CARFAX

CARFAX 1-Owner vehicle

2 Service history records

Personal vehicle

35,102 Last reported odometer reading

This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 12/12/18 at 8:14:45 AM (CST). 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	
Year purchased	2016
Type of owner	Personal
Estimated length of ownership	2 yrs. 3 mo.
Owned in the following states/provinces	Pennsylvania
Estimated miles driven per year	16,088/yr
Last reported odometer reading	35,102

Title History CARFAX guarantees the information in this section	
Salvage Junk Rebuilt Fire Flood Hail Lemon	Owner 1 Guaranteed No Problem
Not Actual Mileage Exceeds Mechanical Limits	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	

Additional History Not all accidents / issues are reported to CARFAX	
Total Loss No total loss reported to CARFAX.	Owner 1 No Issues Reported
Structural Damage No structural damage reported to CARFAX.	No Issues Reported
Airbag Deployment No airbag deployment reported to CARFAX.	No Issues Reported
Odometer Check No indication of an odometer rollback.	No Issues Indicated
Accident / Damage No accidents or damage reported to CARFAX.	No Issues Reported
Manufacturer Recall	No Recalls

No open recalls reported to CARFAX. Check for open recalls on GM vehicles at recalls.gm.com.
 Reported
Basic Warranty[Original warranty](#) estimated to have 9 months or 898 miles remaining.
 Warranty Active
**Detailed History**[Glossary](#)**Owner 1**

Purchased: 2016
 Type: Personal
 Where: Pennsylvania
 Est. miles/year: 16,088/yr
 Est. length owned: 9/1/16 - present
 (2 yrs, 3 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
04/07/2016		US Customs	Vehicle exported from Mexico and imported to the United States
04/25/2016		Dealer Inventory	Vehicle offered for sale
04/26/2016		Dealer Inventory	Vehicle offered for sale
04/28/2016	7	Inspection Station	Exempt from emissions inspection
09/01/2016	60	Pennsylvania Motor Vehicle Dept.	Vehicle purchase reported Titled or registered as personal vehicle
09/14/2016		Pennsylvania Motor Vehicle Dept. Breinigsville, PA Title [REDACTED] YO	Title issued or updated First owner reported Loan or lien reported
03/31/2017	6,627	AutoNation Buick GMC Laurel Laurel, MD 240-547-0177 autonationbuickgmc Laurel.com	Recommended maintenance performed Maintenance inspection completed Battery/charging system checked Brakes checked Tire condition and pressure checked
04/28/2017	7,653	Inspection Station	Passed emissions inspection
08/30/2017		Pennsylvania Motor Vehicle Dept. Coopersburg, PA Title [REDACTED] YO	Title issued or updated
11/05/2018	35,102	Kutztown Auto Co. Fleetwood, PA 610-683-8900 kutztownauto.com	Transfer case operation checked

Have Questions? Consumers, please visit our Help Center at www.carfax.com. Dealers or Subscribers, please visit our Help Center at www.carfaxonline.com.

**Glossary**[View Full Glossary](#)**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.

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.

Follow Us: [facebook.com/CARFAX](https://www.facebook.com/CARFAX) [@CarfaxReports](https://twitter.com/CarfaxReports) [CARFAX on Google+](#)

CARFAX DEPENDS ON ITS SOURCES FOR THE ACCURACY AND RELIABILITY OF ITS INFORMATION. THEREFORE, NO RESPONSIBILITY IS ASSUMED BY CARFAX OR ITS AGENTS FOR ERRORS OR OMISSIONS IN THIS REPORT. CARFAX FURTHER EXPRESSLY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CARFAX®

12/12/2018

CARFAX Vehicle History Report for this 2016 GMC SIERRA K1500 SLE: 3GTU2MEC7GG [REDACTED]

© 2018 CARFAX, Inc., a unit of IHS Markit. All rights reserved.

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.

12/12/18 8:14:45 AM (CST)

CDR File Information

User Entered VIN	3GTU2MEC7GG[REDACTED]
User	Matthew T. McGuire
Case Number	[REDACTED]
EDR Data Imaging Date	12/20/2018
Crash Date	
Filename	3GTU2MEC7GG[REDACTED].ACM.CDRX
Saved on	Thursday, December 20 2018 at 12:11:36
Imaged with CDR version	Crash Data Retrieval Tool 17.9
Imaged with Software Licensed to (Company Name)	Product Defense Investigative Services
Reported with CDR version	Crash Data Retrieval Tool 17.9
Reported with Software Licensed to (Company Name)	Product Defense Investigative Services
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.

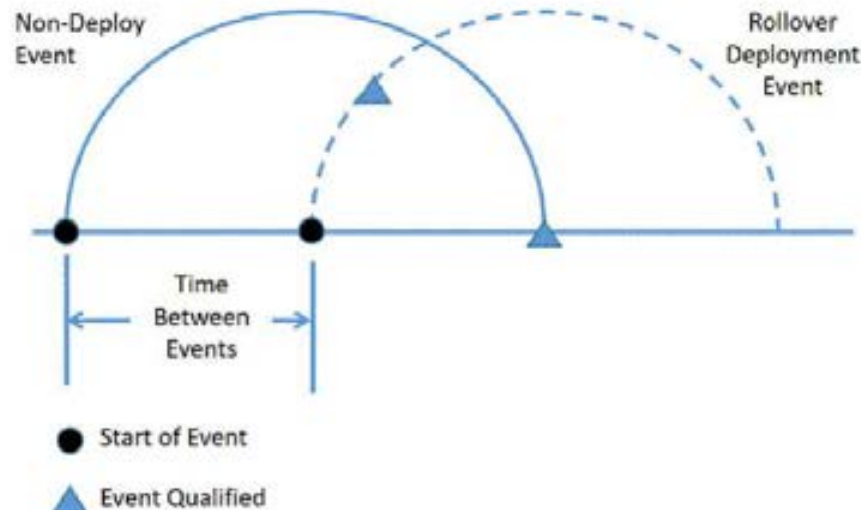
Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events.

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 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. The SDM will only record Maximum SDM Recorded Vehicle Velocity Change for the first 300 milliseconds of the event.
 - If the SDM Recorded Vehicle Velocity Change data exceeds the max output range of -127 km/h then the exceeded values will be displayed with an offset of a +256 km/h. If the SDM Recorded Vehicle Velocity Change data exceeds the max output range of +126 km/h then the exceeded values will be displayed with an offset of a -256 km/h.
 - 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 engine.
 - 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 times for subsequent deployment type events, during the same ignition cycle, will record the deployment times as N/A.
 - In an event where the module is operating on energy reserve, the Dynamic counters may report a value that is less than the actual value. If the stored values in the Dynamic counters are less than the counter values in the event records or if more than one event record has the same counter value as another, the module may have been operating on its energy reserve.
 - A Concurrent Event is when two events are happening nearly simultaneously. The "Concurrent Event Flag Set" parameter will indicate "Yes" if one event begins, but before that event is qualified, another event begins and is qualified.
- A Non-Deployment event typically becomes qualified if that event exceeds the 5 MPH (8 km/h) delta V recording threshold and the event has concluded. A deployment event (FSR or Rollover) becomes qualified when a deployment has been commanded for that event.
- Example of a Concurrent Event:
- A Non-Deployment event begins. Before the Non-Deployment event is qualified, a Rollover Deployment event begins and is qualified. Sometime after the Rollover event is qualified, the Non-Deployment event is qualified. The Rollover event will be recorded in the first open record even though the Non-Deployment event enabled before the Rollover event. The Non-Deployment event will be recorded in the next open record. The "Concurrent Event Flag Set" parameter will indicate "Yes" for the Non-Deployment event. The "Time Between Events" parameter will indicate the time from the start of the Non-Deployment event to the start of the Rollover event.



Event Record #1	Event Record #2
Event record Type = Rollover	Non-deployment
Concurrent Event Flag = No	Concurrent Event Flag = Yes
Time Between Events = N/A	Time Between Events = XX seconds

- 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.
- Due to a CDR Tool data imaging issue, all CDR files imaged from SDM-30 Delphi airbag control modules (ACM) using version 17.6 software are invalid and the ACM must be re-imaged using CDR version 17.6.1 and later software.
- 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.

01050_SDM30-delphi_r018

Event Data General (part one)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DPID \$32 Bytes 2-3	\$10AE	Ignition Cycle, Download (Ignition Cycles at Investigation)	4270	counts
DID \$01 Bytes 0-1	\$4155	ESS # 1 Traceability Data, Component Identifier	AU	
DID \$01 Bytes 2-5	\$38363737	ESS # 1 Traceability Data, Part Number/Broadcast Code	8677	
DID \$01 Byte 6	\$44	ESS # 1 Traceability Data, Supplier Code	D	
DID \$01 Bytes 7-15	\$5036343335394 13330	ESS # 1 Traceability Data, Traceability Number	P64359A30	
DID \$03 Bytes 0-1	\$4154	ESS # 2 Traceability Data, Component Identifier	AT	
DID \$03 Bytes 2-5	\$38363737	ESS # 2 Traceability Data, Part Number/Broadcast Code	8677	
DID \$03 Byte 6	\$44	ESS # 2 Traceability Data, Supplier Code	D	
DID \$03 Bytes 7-15	\$5036343335393 93430	ESS # 2 Traceability Data, Traceability Number	P64359940	
DID \$05 Bytes 0-1	\$4148	ESS # 3 Traceability Data, Component Identifier	AH	
DID \$05 Bytes 2-5	\$38363736	ESS # 3 Traceability Data, Part Number/Broadcast Code	8676	
DID \$05 Byte 6	\$44	ESS # 3 Traceability Data, Supplier Code	D	
DID \$05 Bytes 7-15	\$4142353046413 63039	ESS # 3 Traceability Data, Traceability Number	AB50FA609	
DID \$07 Bytes 0-1	\$414A	ESS # 4 Traceability Data, Component Identifier	AJ	
DID \$07 Bytes 2-5	\$38363736	ESS # 4 Traceability Data, Part Number/Broadcast Code	8676	
DID \$07 Byte 6	\$44	ESS # 4 Traceability Data, Supplier Code	D	
DID \$07 Bytes 7-15	\$4137323330344 43039	ESS # 4 Traceability Data, Traceability Number	A72304D09	
DID \$09 Bytes 0-1	\$4441	ESS # 5 Traceability Data, Component Identifier	DA	
DID \$09 Bytes 2-5	\$38363738	ESS # 5 Traceability Data, Part Number/Broadcast Code	8678	
DID \$09 Byte 6	\$44	ESS # 5 Traceability Data, Supplier Code	D	
DID \$09 Bytes 7-15	\$4135444638334 23039	ESS # 5 Traceability Data, Traceability Number	A5DF83B09	
DID \$0B Bytes 0-1	\$4442	ESS # 6 Traceability Data, Component Identifier	DB	
DID \$0B Bytes 2-5	\$38363738	ESS # 6 Traceability Data, Part Number/Broadcast Code	8678	
DID \$0B Byte 6	\$44	ESS # 6 Traceability Data, Supplier Code	D	
DID \$0B Bytes 7-15	\$4145383043393 53039	ESS #6 Traceability Data, Traceability Number	AE80C9509	
DID \$0D Bytes 0-1	\$0100	ESS # 7 Traceability Data, Component Identifier	??	
DID \$0D Bytes 2-5	\$30303030	ESS # 7 Traceability Data, Part Number/Broadcast Code	0000	
DID \$0D Byte 6	\$44	ESS # 7 Traceability Data, Supplier Code	D	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$0D Bytes 7-15	\$4130303030303030	ESS # 7 Traceability Data, Traceability Number	A00000000	
DID \$0F Bytes 0-1	\$0100	ESS # 8 Traceability Data, Component Identifier	??	
DID \$0F Bytes 2-5	\$30303030	ESS # 8 Traceability Data, Part Number/Broadcast Code	0000	
DID \$0F Byte 6	\$44	ESS # 8 Traceability Data, Supplier Code	D	
DID \$0F Bytes 7-15	\$4130303030303030	ESS # 8 Traceability Data, Traceability Number	A00000000	
DID \$30 Byte 0	\$00	Dynamic Deployment Event Counter	0	counts
DID \$30 Bytes 1-2	\$0000	Multi-Event, Number of Events (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	\$33	Vehicle Identification Number (VIN) Digit 1	3	
DID \$90 Byte 1	\$47	Vehicle Identification Number (VIN) Digit 2	G	
DID \$90 Byte 2	\$54	Vehicle Identification Number (VIN) Digit 3	T	
DID \$90 Byte 3	\$55	Vehicle Identification Number (VIN) Digit 4	U	
DID \$90 Byte 4	\$32	Vehicle Identification Number (VIN) Digit 5	2	
DID \$90 Byte 5	\$4D	Vehicle Identification Number (VIN) Digit 6	M	
DID \$90 Byte 6	\$45	Vehicle Identification Number (VIN) Digit 7	E	
DID \$90 Byte 7	\$43	Vehicle Identification Number (VIN) Digit 8	C	
DID \$90 Byte 8	\$37	Vehicle Identification Number (VIN) Digit 9	7	
DID \$90 Byte 9	\$47	Vehicle Identification Number (VIN) Digit 10	G	
DID \$90 Byte 10	\$47	Vehicle Identification Number (VIN) Digit 11	G	
DID \$90 Byte 11	\$32	Vehicle Identification Number (VIN) Digit 12		
DID \$90 Byte 12	\$34	Vehicle Identification Number (VIN) Digit 13		
DID \$90 Byte 13	\$38	Vehicle Identification Number (VIN) Digit 14		
DID \$90 Byte 14	\$39	Vehicle Identification Number (VIN) Digit 15		
DID \$90 Byte 15	\$39	Vehicle Identification Number (VIN) Digit 16		
DID \$90 Byte 16	\$38	Vehicle Identification Number (VIN) Digit 17		
DID \$9A Bytes 0-1	\$0B11	System Type	N/A	
DID \$B4 Byte 0	\$4B	Manufacturing Traceability Data, LineID	K	
DID \$B4 Byte 1	\$33	Manufacturing Traceability Data, ShiftID	3	
DID \$B4 Bytes 2-3	\$3136	Manufacturing Traceability Data, Year	16	
DID \$B4 Bytes 4-6	\$303436	Manufacturing Traceability Data, DayOfTheYear	046	
DID \$B4 Bytes 7-15	\$334D3234574D453030	Manufacturing Traceability Data, Serial/Lot/BatchNumber	3M24WME00	
DID \$C1 Bytes 0-3	\$00CE44D6	Software Module Identifier 1	00CE44D6	
DID \$C2 Bytes 0-3	\$05051752	Software Module Identifier 2	05051752	
DID \$C3 Bytes 0-3	\$01621D42	Software Module Identifier 3	01621D42	
DID \$CB Bytes 0-3	\$00CF6F22	End Model Part Number	00CF6F22	

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	3GTU2MEC7GC [REDACTED]
User	Matthew T. McGuire
Case Number	[REDACTED]
EDR Data Imaging Date	12/20/2018
Crash Date	
Filename	3GTU2MEC7GC [REDACTED] [REDACTED].ACM.CDRX
Saved on	Thursday, December 20 2018 at 12:11:36
Imaged with CDR version	Crash Data Retrieval Tool 17.9
Imaged with Software Licensed to (Company Name)	Product Defense Investigative Services
Reported with CDR version	Crash Data Retrieval Tool 17.9
Reported with Software Licensed to (Company Name)	Product Defense Investigative Services
EDR Device Type	Airbag Control Module
Event(s) recovered	NONE

Comments

Location- [REDACTED] Coopersburg, PA [REDACTED]
 Mileage- 35,828
 Powered by- vehicle battery
 Download via- DLC/ALDL
 Air bag light- not illuminated
 Alone for download

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. The SDM will only record Maximum SDM Recorded Vehicle Velocity Change for the first 300 milliseconds of the event.

- If the SDM Recorded Vehicle Velocity Change data exceeds the max output range of -127 km/h then the exceeded values will be displayed with an offset of a +256 km/h. If the SDM Recorded Vehicle Velocity Change data exceeds the max output range of +126 km/h then the exceeded values will be displayed with an offset of a -256 km/h.

- 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 engine.

- 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.

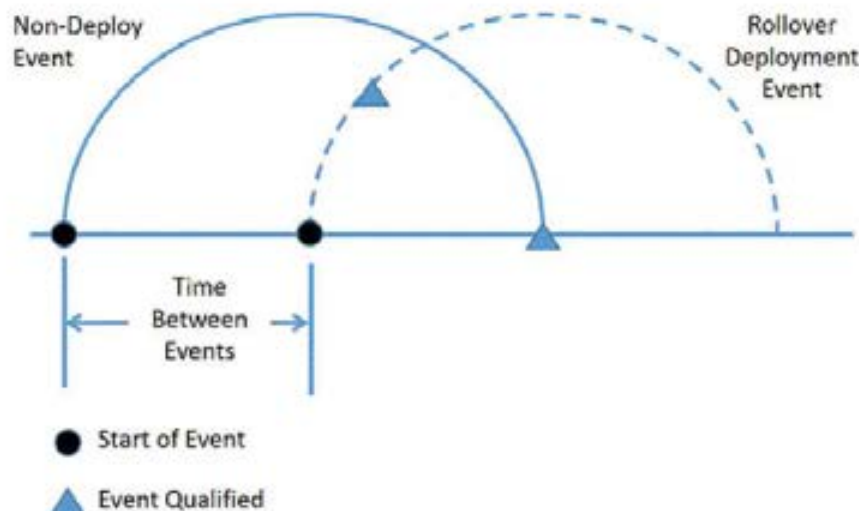
- Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop times for subsequent deployment type events, during the same ignition cycle, will record the deployment times as N/A.

- In an event where the module is operating on energy reserve, the Dynamic counters may report a value that is less than the actual value. If the stored values in the Dynamic counters are less than the counter values in the event records or if more than one event record has the same counter value as another, the module may have been operating on its energy reserve.

- A Concurrent Event is when two events are happening nearly simultaneously. The "Concurrent Event Flag Set" parameter will indicate "Yes" if one event begins, but before that event is qualified, another event begins and is qualified. A Non-Deployment event typically becomes qualified if that event exceeds the 5 MPH (8 km/h) delta V recording threshold and the event has concluded. A deployment event (FSR or Rollover) becomes qualified when a deployment has been commanded for that event.

Example of a Concurrent Event:

A Non-Deployment event begins. Before the Non-Deployment event is qualified, a Rollover Deployment event begins and is qualified. Sometime after the Rollover event is qualified, the Non-Deployment event is qualified. The Rollover event will be recorded in the first open record even though the Non-Deployment event enabled before the Rollover event. The Non-Deployment event will be recorded in the next open record. The "Concurrent Event Flag Set" parameter will indicate "Yes" for the Non-Deployment event. The "Time Between Events" parameter will indicate the time from the start of the Non-Deployment event to the start of the Rollover event.



Event Record #1	Event Record #2
Event record Type = Rollover	Non-deployment
Concurrent Event Flag = No	Concurrent Event Flag = Yes
Time Between Events = N/A	Time Between Events = XX seconds

- 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.
- Due to a CDR Tool data imaging issue, all CDR files imaged from SDM-30 Delphi airbag control modules (ACM) using version 17.6 software are invalid and the ACM must be re-imaged using CDR version 17.6.1 and later software.
- 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.

01050_SDM30-delphi_r018

System Status at Time of Retrieval

Dynamic Deployment Event Counter	0
Multi-Event, Number of Events (Dynamic Event Counter)	0
Dynamic OnStar Notification Event Counter	0
Vehicle Identification Number (VIN)	3GTU2MEC7GC [REDACTED]
Ignition Cycle, Download (Ignition Cycles at Investigation)	4270
End Model Part Number	00CF6F22
System Type	N/A
Software Module Identifier 1	00CF44D6
Software Module Identifier 2	05051752
Software Module Identifier 3	01621D42
Manufacturing Traceability Data, LineID	K
Manufacturing Traceability Data, ShiftID	3
Manufacturing Traceability Data, Year	16
Manufacturing Traceability Data, DayOfTheYear	046
Manufacturing Traceability Data, Serial/Lot/BatchNumber	3M24WME00
ESS # 1 Traceability Data, Component Identifier	AU
ESS # 1 Traceability Data, Part Number/Broadcast Code	8677
ESS # 1 Traceability Data, Supplier Code	D
ESS # 1 Traceability Data, Traceability Number	P64359A30
ESS # 2 Traceability Data, Component Identifier	AT
ESS # 2 Traceability Data, Part Number/Broadcast Code	8677
ESS # 2 Traceability Data, Supplier Code	D
ESS # 2 Traceability Data, Traceability Number	P64359940
ESS # 3 Traceability Data, Component Identifier	AH
ESS # 3 Traceability Data, Part Number/Broadcast Code	8676
ESS # 3 Traceability Data, Supplier Code	D
ESS # 3 Traceability Data, Traceability Number	AB50FA609
ESS # 4 Traceability Data, Component Identifier	AJ
ESS # 4 Traceability Data, Part Number/Broadcast Code	8676
ESS # 4 Traceability Data, Supplier Code	D
ESS # 4 Traceability Data, Traceability Number	A72304D09
ESS # 5 Traceability Data, Component Identifier	DA
ESS # 5 Traceability Data, Part Number/Broadcast Code	8678
ESS # 5 Traceability Data, Supplier Code	D
ESS # 5 Traceability Data, Traceability Number	A5DF83B09
ESS # 6 Traceability Data, Component Identifier	DB
ESS # 6 Traceability Data, Part Number/Broadcast Code	8678
ESS # 6 Traceability Data, Supplier Code	D
ESS # 6 Traceability Data, Traceability Number	AE80C9509
ESS # 7 Traceability Data, Component Identifier	??
ESS # 7 Traceability Data, Part Number/Broadcast Code	0000
ESS # 7 Traceability Data, Supplier Code	D
ESS # 7 Traceability Data, Traceability Number	A00000000
ESS # 8 Traceability Data, Component Identifier	??
ESS # 8 Traceability Data, Part Number/Broadcast Code	0000
ESS # 8 Traceability Data, Supplier Code	D
ESS # 8 Traceability Data, Traceability Number	A00000000

Hexadecimal Data

DPID \$11

FF F0 00 FC C4 7C 04

DPID \$15

01 02 03 04 05 06 07

DPID \$16

08 09 0A 0D 0E 27 27

DPID \$17

27 27 27 27 27 27 00

DPID \$32

91 91 10 AE 00 00 00

DPID \$35

78 00 00 00 00 00 00

DID \$01

41 55 38 36 37 37 44 50 36 34 33 35 39 41 33 30

DID \$03

41 54 38 36 37 37 44 50 36 34 33 35 39 39 34 30

DID \$05

41 48 38 36 37 36 44 41 42 35 30 46 41 36 30 39

DID \$07

41 4A 38 36 37 36 44 41 37 32 33 30 34 44 30 39

DID \$09

44 41 38 36 37 38 44 41 35 44 46 38 33 42 30 39

DID \$0B

44 42 38 36 37 38 44 41 45 38 30 43 39 35 30 39

DID \$0D

01 00 30 30 30 30 44 41 30 30 30 30 30 30 30 30

DID \$0F

01 00 30 30 30 30 44 41 30 30 30 30 30 30 30 30

DID \$30

00 00 00 00

DID \$90

33 47 54 55 32 4D 45 43 37 47 47 32 34 38 39 39 38

DID \$9A

0B 11

DID \$B4

4B 33 31 36 30 34 36 33 4D 32 34 57 4D 45 30 30

DID \$C1

00 CE 44 D6

DID \$C2

05 05 17 52

DID \$C3

01 62 1D 42

DID \$CB

00 CF 6F 22

DID \$31

0000	FF	FF	FF	FF	FF	FF	FF	FF	FF
0010	FF	FF	FF	FF	FF	FF	FF	FF	FF
0020	FF	FF	FF	FF	FF	FF	FF	FF	FF
0030	FF	FF	FF	FF	FF	FF	FF	FF	FF
0040	FF	FF	FF	FF	FF	FF	FF	FF	FF
0050	FF	FF	FF	FF	FF	FF	FF	FF	FF
0060	FF	FF	FF	FF	FF	FF	FF	FF	FF
0070	FF	FF	FF	FF	FF	FF	FF	FF	FF
0080	FF	FF	FF	FF	FF	FF	FF	FF	FF
0090	FF	FF	FF	FF	FF	FF	FF	FF	FF
0100	FF	FF	FF	FF	FF	FF	FF	FF	FF
0110	FF	FF	FF	FF	FF	FF	FF	FF	FF
0120	FF	FF	FF	FF	FF	FF	FF	FF	FF
0130	FF	FF	FF	FF	FF	FF	FF	FF	FF
0140	FF	FF	FF	FF	FF	FF	FF	FF	FF
0150	FF	FF	FF	FF	FF	FF	FF	FF	FF
0160	FF	FF	FF	FF	FF	FF	FF	FF	FF
0170	FF	FF	FF	FF	FF	FF	FF	FF	FF
0180	FF	FF	FF	FF	FF	FF	FF	FF	FF
0190	FF	FF	FF	FF	FF	FF	FF	FF	FF
0200	FF	FF	FF	FF	FF	FF	FF	FF	FF
0210	FF	FF	FF	FF	FF	FF	FF	FF	FF
0220	FF	FF	FF	FF	FF	FF	FF	FF	FF
0230	FF	FF	FF	FF	FF	FF	FF	FF	FF
0240	FF	FF	FF	FF	FF	FF	FF	FF	FF
0250	FF	FF	FF	FF	FF	FF	FF	FF	FF
0260	FF	FF	FF	FF	FF	FF	FF	FF	FF
0270	FF	FF	FF	FF	FF	FF	FF	FF	FF
0280	FF	FF	FF	FF	FF	FF	FF	FF	FF
0290	FF	FF	FF	FF	FF	FF	FF	FF	FF
0300	FF	FF	FF	FF	FF	FF	FF	FF	FF
0310	FF	FF	FF	FF	FF	FF	FF	FF	FF
0320	FF	FF	FF	FF	FF	FF	FF	FF	FF
0330	FF	FF	FF	FF	FF	FF	FF	FF	FF
0340	FF	FF	FF	FF	FF	FF	FF	FF	FF
0350	FF	FF	FF	FF	FF	FF	FF	FF	FF
0360	FF	FF	FF	FF	FF	FF	FF	FF	FF
0370	FF	FF	FF	FF	FF	FF	FF	FF	FF
0380	FF	FF	FF	FF	FF	FF	FF	FF	FF
0390	FF	FF	FF	FF	FF	FF	FF	FF	FF
0400	FF	FF	FF	FF	FF	FF	FF	FF	FF
0410	FF	FF	FF	FF	FF	FF	FF	FF	FF
0420	FF	FF	FF	FF	FF	FF	FF	FF	FF
0430	FF	FF	FF	FF	FF	FF	FF	FF	FF
0440	FF	FF	FF	FF	FF	FF	FF	FF	FF
0450	FF	FF	FF	FF	FF	FF	FF	FF	FF
0460	FF	FF	FF	FF	FF	FF	FF	FF	FF
0470	FF	FF	FF	FF	FF	FF	FF	FF	FF
0480	FF	FF	FF	FF	FF	FF	FF	FF	FF
0490	FF	FF	FF	FF	FF	FF	FF	FF	FF
0500	FF	FF	FF	FF	FF	FF	FF	FF	FF
0510	FF	FF	FF	FF	FF	FF	FF	FF	FF
0520	FF	FF	FF	FF	FF	FF	FF	FF	FF
0530	FF	FF	FF	FF	FF	FF	FF	FF	FF
0540	FF	FF	FF	FF	FF	FF	FF	FF	FF
0550	FF	FF	FF	FF	FF	FF	FF	FF	FF
0560	FF	FF	FF	FF	FF	FF	FF	FF	FF
0570	FF	FF	FF	FF	FF	FF	FF	FF	FF

```
0580  FF FF FF FF FF FF FF FF FF FF
0590  FF FF FF FF FF FF FF FF FF FF
0600  FF FF FF FF FF FF FF FF FF FF
0610  FF FF FF FF FF FF FF FF FF FF
0620  FF FF FF FF FF FF FF FF FF FF
0630  FF FF FF FF FF FF FF FF FF FF
0640  FF FF FF FF FF FF FF FF FF FF
0650  FF FF FF FF FF FF FF FF FF FF
0660  FF FF FF FF FF FF FF FF FF FF
0670  FF FF FF FF FF FF FF FF FF FF
0680  FF FF FF FF FF FF FF FF FF FF
0690  FF FF FF FF FF FF FF FF FF FF
0700  FF FF FF FF FF FF FF FF FF FF
0710  FF FF FF FF FF FF FF FF FF FF
0720  FF FF FF FF FF FF FF FF FF FF
0730  FF FF FF FF FF FF FF FF FF FF
0740  FF FF FF FF FF FF FF FF FF FF
0750  FF FF FF FF FF FF FF FF FF FF
0760  FF FF FF FF FF FF FF FF FF FF
0770  FF FF FF FF FF FF FF FF FF FF
0780  FF FF FF FF FF FF FF FF FF FF
0790  FF FF FF FF FF FF FF FF FF FF
0800  FF FF FF FF FF FF FF FF FF FF
0810  FF FF FF FF FF FF FF FF FF FF
0820  FF FF FF FF FF FF FF FF FF FF
0830  FF FF FF FF FF FF FF FF FF FF
0840  FF FF FF FF FF FF FF FF FF FF
0850  FF FF FF FF FF FF FF FF FF FF
0860  FF FF FF FF FF FF FF FF FF FF
0870  FF FF FF FF FF FF FF FF FF FF
0880  FF FF FF FF FF FF FF FF FF FF
0890  FF FF FF FF FF FF FF FF FF FF
0900  FF FF FF FF FF FF FF FF FF FF
0910  FF FF FF FF FF FF FF FF FF FF
0920  FF FF FF FF FF FF FF FF FF FF
0930  FF FF FF FF FF FF FF FF FF FF
0940  FF FF FF FF FF FF FF FF FF FF
0950  FF FF FF FF FF FF FF FF FF FF
0960  FF FF FF FF FF FF FF FF FF FF
0970  FF FF FF FF FF FF FF FF FF FF
0980  FF FF FF FF FF FF FF FF FF FF
0990  FF FF FF FF FF FF FF FF FF FF
1000  FF FF FF FF FF FF FF FF FF FF
1010  FF FF FF FF FF FF FF FF FF FF
1020  FF FF FF FF FF FF FF FF FF FF
1030  FF FF FF FF FF FF FF FF FF FF
1040  FF FF FF FF FF FF FF FF FF FF
1050  FF FF FF FF FF FF FF FF FF FF
1060  FF FF FF FF FF FF FF FF FF FF
1070  FF FF FF FF FF FF FF FF FF FF
1080  FF FF FF FF FF FF FF FF FF FF
1090  FF FF FF FF FF FF FF FF FF FF
1100  FF FF FF FF FF FF FF FF FF FF
1110  FF FF FF FF FF FF FF FF FF FF
1120  FF FF FF FF FF FF FF FF FF FF
1130  FF FF FF FF FF FF FF FF FF FF
1140  FF FF FF FF FF FF FF FF FF FF
1150  FF FF FF FF FF FF FF FF FF FF
1160  FF FF FF FF FF FF FF FF FF FF
1170  FF FF FF FF FF FF FF FF FF FF
1180  FF FF FF FF FF FF FF FF FF FF
1190  FF FF FF FF FF FF FF FF FF FF
1200  FF
```

DID \$32

```
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
0500 FF FF FF FF FF FF FF FF FF FF
0510 FF FF FF FF FF FF FF FF FF FF
0520 FF FF FF FF FF FF FF FF FF FF
0530 FF FF FF FF FF FF FF FF FF FF
0540 FF FF FF FF FF FF FF FF FF FF
0550 FF FF FF FF FF FF FF FF FF FF
0560 FF FF FF FF FF FF FF FF FF FF
0570 FF FF FF FF FF FF FF FF FF FF
0580 FF FF FF FF FF FF FF FF FF FF
0590 FF FF FF FF FF FF FF FF FF FF
0600 FF FF FF FF FF FF FF FF FF FF
0610 FF FF FF FF FF FF FF FF FF FF
0620 FF FF FF FF FF FF FF FF FF FF
0630 FF FF FF FF FF FF FF FF FF FF
```

0640 FF FF FF FF FF FF FF FF FF FF
0650 FF FF FF FF FF FF FF FF FF FF
0660 FF FF FF FF FF FF FF FF FF FF
0670 FF FF FF FF FF FF FF FF FF FF
0680 FF FF FF FF FF FF FF FF FF FF
0690 FF FF FF FF FF FF FF FF FF FF
0700 FF FF FF FF FF FF FF FF FF FF
0710 FF FF FF FF FF FF FF FF FF FF
0720 FF FF FF FF FF FF FF FF FF FF
0730 FF FF FF FF FF FF FF FF FF FF
0740 FF FF FF FF FF FF FF FF FF FF
0750 FF FF FF FF FF FF FF FF FF FF
0760 FF FF FF FF FF FF FF FF FF FF
0770 FF FF FF FF FF FF FF FF FF FF
0780 FF FF FF FF FF FF FF FF FF FF
0790 FF FF FF FF FF FF FF FF FF FF
0800 FF FF FF FF FF FF FF FF FF FF
0810 FF FF FF FF FF FF FF FF FF FF
0820 FF FF FF FF FF FF FF FF FF FF
0830 FF FF FF FF FF FF FF FF FF FF
0840 FF FF FF FF FF FF FF FF FF FF
0850 FF FF FF FF FF FF FF FF FF FF
0860 FF FF FF FF FF FF FF FF FF FF
0870 FF FF FF FF FF FF FF FF FF FF
0880 FF FF FF FF FF FF FF FF FF FF
0890 FF FF FF FF FF FF FF FF FF FF
0900 FF FF FF FF FF FF FF FF FF FF
0910 FF FF FF FF FF FF FF FF FF FF
0920 FF FF FF FF FF FF FF FF FF FF
0930 FF FF FF FF FF FF FF FF FF FF
0940 FF FF FF FF FF FF FF FF FF FF
0950 FF FF FF FF FF FF FF FF FF FF
0960 FF FF FF FF FF FF FF FF FF FF
0970 FF FF FF FF FF FF FF FF FF FF
0980 FF FF FF FF FF FF FF FF FF FF
0990 FF FF FF FF FF FF FF FF FF FF
1000 FF FF FF FF FF FF FF FF FF FF
1010 FF FF FF FF FF FF FF FF FF FF
1020 FF FF FF FF FF FF FF FF FF FF
1030 FF FF FF FF FF FF FF FF FF FF
1040 FF FF FF FF FF FF FF FF FF FF
1050 FF FF FF FF FF FF FF FF FF FF
1060 FF FF FF FF FF FF FF FF FF FF
1070 FF FF FF FF FF FF FF FF FF FF
1080 FF FF FF FF FF FF FF FF FF FF
1090 FF FF FF FF FF FF FF FF FF FF
1100 FF FF FF FF FF FF FF FF FF FF
1110 FF FF FF FF FF FF FF FF FF FF
1120 FF FF FF FF FF FF FF FF FF FF
1130 FF FF FF FF FF FF FF FF FF FF
1140 FF FF FF FF FF FF FF FF FF FF
1150 FF FF FF FF FF FF FF FF FF FF
1160 FF FF FF FF FF FF FF FF FF FF
1170 FF FF FF FF FF FF FF FF FF FF
1180 FF FF FF FF FF FF FF FF FF FF
1190 FF FF FF FF FF FF FF FF FF FF
1200 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
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
0500  FF FF FF FF FF FF FF FF FF FF
0510  FF FF FF FF FF FF FF FF FF FF
0520  FF FF FF FF FF FF FF FF FF FF
0530  FF FF FF FF FF FF FF FF FF FF
0540  FF FF FF FF FF FF FF FF FF FF
0550  FF FF FF FF FF FF FF FF FF FF
0560  FF FF FF FF FF FF FF FF FF FF
0570  FF FF FF FF FF FF FF FF FF FF
0580  FF FF FF FF FF FF FF FF FF FF
0590  FF FF FF FF FF FF FF FF FF FF
0600  FF FF FF FF FF FF FF FF FF FF
0610  FF FF FF FF FF FF FF FF FF FF
0620  FF FF FF FF FF FF FF FF FF FF
0630  FF FF FF FF FF FF FF FF FF FF
0640  FF FF FF FF FF FF FF FF FF FF
0650  FF FF FF FF FF FF FF FF FF FF
0660  FF FF FF FF FF FF FF FF FF FF
0670  FF FF FF FF FF FF FF FF FF FF
0680  FF FF FF FF FF FF FF FF FF FF
0690  FF FF FF FF FF FF FF FF FF FF
```

```
0700  FF FF FF FF FF FF FF FF FF FF
0710  FF FF FF FF FF FF FF FF FF FF
0720  FF FF FF FF FF FF FF FF FF FF
0730  FF FF FF FF FF FF FF FF FF FF
0740  FF FF FF FF FF FF FF FF FF FF
0750  FF FF FF FF FF FF FF FF FF FF
0760  FF FF FF FF FF FF FF FF FF FF
0770  FF FF FF FF FF FF FF FF FF FF
0780  FF FF FF FF FF FF FF FF FF FF
0790  FF FF FF FF FF FF FF FF FF FF
0800  FF FF FF FF FF FF FF FF FF FF
0810  FF FF FF FF FF FF FF FF FF FF
0820  FF FF FF FF FF FF FF FF FF FF
0830  FF FF FF FF FF FF FF FF FF FF
0840  FF FF FF FF FF FF FF FF FF FF
0850  FF FF FF FF FF FF FF FF FF FF
0860  FF FF FF FF FF FF FF FF FF FF
0870  FF FF FF FF FF FF FF FF FF FF
0880  FF FF FF FF FF FF FF FF FF FF
0890  FF FF FF FF FF FF FF FF FF FF
0900  FF FF FF FF FF FF FF FF FF FF
0910  FF FF FF FF FF FF FF FF FF FF
0920  FF FF FF FF FF FF FF FF FF FF
0930  FF FF FF FF FF FF FF FF FF FF
0940  FF FF FF FF FF FF FF FF FF FF
0950  FF FF FF FF FF FF FF FF FF FF
0960  FF FF FF FF FF FF FF FF FF FF
0970  FF FF FF FF FF FF FF FF FF FF
0980  FF FF FF FF FF FF FF FF FF FF
0990  FF FF FF FF FF FF FF FF FF FF
1000  FF FF FF FF FF FF FF FF FF FF
1010  FF FF FF FF FF FF FF FF FF FF
1020  FF FF FF FF FF FF FF FF FF FF
1030  FF FF FF FF FF FF FF FF FF FF
1040  FF FF FF FF FF FF FF FF FF FF
1050  FF FF FF FF FF FF FF FF FF FF
1060  FF FF FF FF FF FF FF FF FF FF
1070  FF FF FF FF FF FF FF FF FF FF
1080  FF FF FF FF FF FF FF FF FF FF
1090  FF FF FF FF FF FF FF FF FF FF
1100  FF FF FF FF FF FF FF FF FF FF
1110  FF FF FF FF FF FF FF FF FF FF
1120  FF FF FF FF FF FF FF FF FF FF
1130  FF FF FF FF FF FF FF FF FF FF
1140  FF FF FF FF FF FF FF FF FF FF
1150  FF FF FF FF FF FF FF FF FF FF
1160  FF FF FF FF FF FF FF FF FF FF
1170  FF FF FF FF FF FF FF FF FF FF
1180  FF FF FF FF FF FF FF FF FF FF
1190  FF FF FF FF FF FF FF FF FF FF
1200  FF
```

DID \$7B

```
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
0500  FF FF FF FF FF FF FF FF FF FF
0510  FF FF FF FF FF FF FF FF FF FF
0520  FF FF FF FF FF FF FF FF FF FF
0530  FF FF FF FF FF FF FF FF FF FF
0540  FF FF FF FF FF FF FF FF FF FF
0550  FF FF FF FF FF FF FF FF FF FF
0560  FF FF FF FF FF FF FF FF FF FF
0570  FF FF FF FF FF FF FF FF FF FF
0580  FF FF FF FF FF FF FF FF FF FF
0590  FF FF FF FF FF FF FF FF FF FF
0600  FF FF FF FF FF FF FF FF FF FF
0610  FF FF FF FF FF FF FF FF FF FF
0620  FF FF FF FF FF FF FF FF FF FF
0630  FF FF FF FF FF FF FF FF FF FF
0640  FF FF FF FF FF FF FF FF FF FF
0650  FF FF FF FF FF FF FF FF FF FF
0660  FF FF FF FF FF FF FF FF FF FF
0670  FF FF FF FF FF FF FF FF FF FF
0680  FF FF FF FF FF FF FF FF FF FF
0690  FF FF FF FF FF FF FF FF FF FF
0700  FF FF FF FF FF FF FF FF FF FF
0710  FF FF FF FF FF FF FF FF FF FF
0720  FF FF FF FF FF FF FF FF FF FF
0730  FF FF FF FF FF FF FF FF FF FF
0740  FF FF FF FF FF FF FF FF FF FF
0750  FF FF FF FF FF FF FF FF FF FF
```

```
0760  FF FF FF FF FF FF FF FF FF FF
0770  FF FF FF FF FF FF FF FF FF FF
0780  FF FF FF FF FF FF FF FF FF FF
0790  FF FF FF FF FF FF FF FF FF FF
0800  FF FF FF FF FF FF FF FF FF FF
0810  FF FF FF FF FF FF FF FF FF FF
0820  FF FF FF FF FF FF FF FF FF FF
0830  FF FF FF FF FF FF FF FF FF FF
0840  FF FF FF FF FF FF FF FF FF FF
0850  FF FF FF FF FF FF FF FF FF FF
0860  FF FF FF FF FF FF FF FF FF FF
0870  FF FF FF FF FF FF FF FF FF FF
0880  FF FF FF FF FF FF FF FF FF FF
0890  FF FF FF FF FF FF FF FF FF FF
0900  FF FF FF FF FF FF FF FF FF FF
0910  FF FF FF FF FF FF FF FF FF FF
0920  FF FF FF FF FF FF FF FF FF FF
0930  FF FF FF FF FF FF FF FF FF FF
0940  FF FF FF FF FF FF FF FF FF FF
0950  FF FF FF FF FF FF FF FF FF FF
0960  FF FF FF FF FF FF FF FF FF FF
0970  FF FF FF FF FF FF FF FF FF FF
0980  FF FF FF FF FF FF FF FF FF FF
0990  FF FF FF FF FF FF FF FF FF FF
1000  FF FF FF FF FF FF FF FF FF FF
1010  FF FF FF FF FF FF FF FF FF FF
1020  FF FF FF FF FF FF FF FF FF FF
1030  FF FF FF FF FF FF FF FF FF FF
1040  FF FF FF FF FF FF FF FF FF FF
1050  FF FF FF FF FF FF FF FF FF FF
1060  FF FF FF FF FF FF FF FF FF FF
1070  FF FF FF FF FF FF FF FF FF FF
1080  FF FF FF FF FF FF FF FF FF FF
1090  FF FF FF FF FF FF FF FF FF FF
1100  FF FF FF FF FF FF FF FF FF FF
1110  FF FF FF FF FF FF FF FF FF FF
1120  FF FF FF FF FF FF FF FF FF FF
1130  FF FF FF FF FF FF FF FF FF FF
1140  FF FF FF FF FF FF FF FF FF FF
1150  FF FF FF FF FF FF FF FF FF FF
1160  FF FF FF FF FF FF FF FF FF FF
1170  FF FF FF FF FF FF FF FF FF FF
1180  FF FF FF FF FF FF FF FF FF FF
1190  FF FF FF FF FF FF FF FF FF FF
1200  FF FF FF FF FF FF FF FF FF FF
1210  FF FF FF FF FF FF FF FF FF FF
1220  FF FF FF FF FF FF FF FF FF FF
1230  FF FF FF FF FF FF FF FF FF FF
1240  FF FF FF FF FF FF FF FF FF FF
1250  FF FF FF FF FF FF FF FF FF FF
1260  FF FF FF FF FF FF FF FF FF FF
1270  FF FF FF FF FF FF FF FF FF FF
1280  FF FF FF FF FF FF FF FF FF FF
1290  FF FF
```

DID \$7C

```
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
0500  FF FF FF FF FF FF FF FF FF FF
0510  FF FF FF FF FF FF FF FF FF FF
0520  FF FF FF FF FF FF FF FF FF FF
0530  FF FF FF FF FF FF FF FF FF FF
0540  FF FF FF FF FF FF FF FF FF FF
0550  FF FF FF FF FF FF FF FF FF FF
0560  FF FF FF FF FF FF FF FF FF FF
0570  FF FF FF FF FF FF FF FF FF FF
0580  FF FF FF FF FF FF FF FF FF FF
0590  FF FF FF FF FF FF FF FF FF FF
0600  FF FF FF FF FF FF FF FF FF FF
0610  FF FF FF FF FF FF FF FF FF FF
0620  FF FF FF FF FF FF FF FF FF FF
0630  FF FF FF FF FF FF FF FF FF FF
0640  FF FF FF FF FF FF FF FF FF FF
0650  FF FF FF FF FF FF FF FF FF FF
0660  FF FF FF FF FF FF FF FF FF FF
0670  FF FF FF FF FF FF FF FF FF FF
0680  FF FF FF FF FF FF FF FF FF FF
0690  FF FF FF FF FF FF FF FF FF FF
0700  FF FF FF FF FF FF FF FF FF FF
0710  FF FF FF FF FF FF FF FF FF FF
0720  FF FF FF FF FF FF FF FF FF FF
```

0730 FF FF FF FF FF FF FF FF FF FF
0740 FF FF FF FF FF FF FF FF FF FF
0750 FF FF FF FF FF FF FF FF FF FF
0760 FF FF FF FF FF FF FF FF FF FF
0770 FF FF FF FF FF FF FF FF FF FF
0780 FF FF FF FF FF FF FF FF FF FF
0790 FF FF FF FF FF FF FF FF FF FF
0800 FF FF FF FF FF FF FF FF FF FF
0810 FF FF FF FF FF FF FF FF FF FF
0820 FF FF FF FF FF FF FF FF FF FF
0830 FF FF FF FF FF FF FF FF FF FF
0840 FF FF FF FF FF FF FF FF FF FF
0850 FF FF FF FF FF FF FF FF FF FF
0860 FF FF FF FF FF FF FF FF FF FF
0870 FF FF FF FF FF FF FF FF FF FF
0880 FF FF FF FF FF FF FF FF FF FF
0890 FF FF FF FF FF FF FF FF FF FF
0900 FF FF FF FF FF FF FF FF FF FF
0910 FF FF FF FF FF FF FF FF FF FF
0920 FF FF FF FF FF FF FF FF FF FF
0930 FF FF FF FF FF FF FF FF FF FF
0940 FF FF FF FF FF FF FF FF FF FF
0950 FF FF FF FF FF FF FF FF FF FF
0960 FF FF FF FF FF FF FF FF FF FF
0970 FF FF FF FF FF FF FF FF FF FF
0980 FF FF FF FF FF FF FF FF FF FF
0990 FF FF FF FF FF FF FF FF FF FF
1000 FF FF FF FF FF FF FF FF FF FF
1010 FF FF FF FF FF FF FF FF FF FF
1020 FF FF FF FF FF FF FF FF FF FF
1030 FF FF FF FF FF FF FF FF FF FF
1040 FF FF FF FF FF FF FF FF FF FF
1050 FF FF FF FF FF FF FF FF FF FF
1060 FF FF FF FF FF FF FF FF FF FF
1070 FF FF FF FF FF FF FF FF FF FF
1080 FF FF FF FF FF FF FF FF FF FF
1090 FF FF FF FF FF FF FF FF FF FF
1100 FF FF FF FF FF FF FF FF FF FF
1110 FF FF FF FF FF FF FF FF FF FF
1120 FF FF FF FF FF FF FF FF FF FF
1130 FF FF FF FF FF FF FF FF FF FF
1140 FF FF FF FF FF FF FF FF FF FF
1150 FF FF FF FF FF FF FF FF FF FF
1160 FF FF FF FF FF FF FF FF FF FF
1170 FF FF FF FF FF FF FF FF FF FF
1180 FF FF FF FF FF FF FF FF FF FF
1190 FF FF FF FF FF FF FF FF FF FF
1200 FF FF FF FF FF FF FF FF FF FF
1210 FF FF FF FF FF FF FF FF FF FF
1220 FF FF FF FF FF FF FF FF FF FF
1230 FF FF FF FF FF FF FF FF FF FF
1240 FF FF FF FF FF FF FF FF FF FF
1250 FF FF FF FF FF FF FF FF FF FF
1260 FF FF FF FF FF FF FF FF FF FF
1270 FF FF FF FF FF FF FF FF FF FF
1280 FF FF FF FF FF FF FF FF FF FF
1290 FF FF

DID \$7D

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
0500  FF FF FF FF FF FF FF FF FF FF
0510  FF FF FF FF FF FF FF FF FF FF
0520  FF FF FF FF FF FF FF FF FF FF
0530  FF FF FF FF FF FF FF FF FF FF
0540  FF FF FF FF FF FF FF FF FF FF
0550  FF FF FF FF FF FF FF FF FF FF
0560  FF FF FF FF FF FF FF FF FF FF
0570  FF FF FF FF FF FF FF FF FF FF
0580  FF FF FF FF FF FF FF FF FF FF
0590  FF FF FF FF FF FF FF FF FF FF
0600  FF FF FF FF FF FF FF FF FF FF
0610  FF FF FF FF FF FF FF FF FF FF
0620  FF FF FF FF FF FF FF FF FF FF
0630  FF FF FF FF FF FF FF FF FF FF
0640  FF FF FF FF FF FF FF FF FF FF
0650  FF FF FF FF FF FF FF FF FF FF
0660  FF FF FF FF FF FF FF FF FF FF
0670  FF FF FF FF FF FF FF FF FF FF
0680  FF FF FF FF FF FF FF FF FF FF
0690  FF FF FF FF FF FF FF FF FF FF
```

```
0700  FF FF FF FF FF FF FF FF FF FF
0710  FF FF FF FF FF FF FF FF FF FF
0720  FF FF FF FF FF FF FF FF FF FF
0730  FF FF FF FF FF FF FF FF FF FF
0740  FF FF FF FF FF FF FF FF FF FF
0750  FF FF FF FF FF FF FF FF FF FF
0760  FF FF FF FF FF FF FF FF FF FF
0770  FF FF FF FF FF FF FF FF FF FF
0780  FF FF FF FF FF FF FF FF FF FF
0790  FF FF FF FF FF FF FF FF FF FF
0800  FF FF FF FF FF FF FF FF FF FF
0810  FF FF FF FF FF FF FF FF FF FF
0820  FF FF FF FF FF FF FF FF FF FF
0830  FF FF FF FF FF FF FF FF FF FF
0840  FF FF FF FF FF FF FF FF FF FF
0850  FF FF FF FF FF FF FF FF FF FF
0860  FF FF FF FF FF FF FF FF FF FF
0870  FF FF FF FF FF FF FF FF FF FF
0880  FF FF FF FF FF FF FF FF FF FF
0890  FF FF FF FF FF FF FF FF FF FF
0900  FF FF FF FF FF FF FF FF FF FF
0910  FF FF FF FF FF FF FF FF FF FF
0920  FF FF FF FF FF FF FF FF FF FF
0930  FF FF FF FF FF FF FF FF FF FF
0940  FF FF FF FF FF FF FF FF FF FF
0950  FF FF FF FF FF FF FF FF FF FF
0960  FF FF FF FF FF FF FF FF FF FF
0970  FF FF FF FF FF FF FF FF FF FF
0980  FF FF FF FF FF FF FF FF FF FF
0990  FF FF FF FF FF FF FF FF FF FF
1000  FF FF FF FF FF FF FF FF FF FF
1010  FF FF FF FF FF FF FF FF FF FF
1020  FF FF FF FF FF FF FF FF FF FF
1030  FF FF FF FF FF FF FF FF FF FF
1040  FF FF FF FF FF FF FF FF FF FF
1050  FF FF FF FF FF FF FF FF FF FF
1060  FF FF FF FF FF FF FF FF FF FF
1070  FF FF FF FF FF FF FF FF FF FF
1080  FF FF FF FF FF FF FF FF FF FF
1090  FF FF FF FF FF FF FF FF FF FF
1100  FF FF FF FF FF FF FF FF FF FF
1110  FF FF FF FF FF FF FF FF FF FF
1120  FF FF FF FF FF FF FF FF FF FF
1130  FF FF FF FF FF FF FF FF FF FF
1140  FF FF FF FF FF FF FF FF FF FF
1150  FF FF FF FF FF FF FF FF FF FF
1160  FF FF FF FF FF FF FF FF FF FF
1170  FF FF FF FF FF FF FF FF FF FF
1180  FF FF FF FF FF FF FF FF FF FF
1190  FF FF FF FF FF FF FF FF FF FF
1200  FF FF FF FF FF FF FF FF FF FF
1210  FF FF FF FF FF FF FF FF FF FF
1220  FF FF FF FF FF FF FF FF FF FF
1230  FF FF FF FF FF FF FF FF FF FF
1240  FF FF FF FF FF FF FF FF FF FF
1250  FF FF FF FF FF FF FF FF FF FF
1260  FF FF FF FF FF FF FF FF FF FF
1270  FF FF FF FF FF FF FF FF FF FF
1280  FF FF FF FF FF FF FF FF FF FF
1290  FF FF
```

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

Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 13:01:54 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 13:01:36 EST

Antilock Braking Data

Control Module	Parameter Name	Value	Unit
Electronic Brake Control Module	System Voltage	12.27	V
Electronic Brake Control Module	ABS Pump Motor Voltage	0.00	V
Electronic Brake Control Module	Brake Pressure Sensor	2314	kPa
Electronic Brake Control Module	Brake Pressure Sensor	0.51	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	0	m/s ²
Electronic Brake Control Module	Yaw Rate Signal	0	°/s
Electronic Brake Control Module	Steering Wheel Angle	-9.8	°
Electronic Brake Control Module	Requested Torque	27	%
Electronic Brake Control Module	Delivered Torque	38	%
Electronic Brake Control Module	Brake Pedal Position Sensor	Inactive	
Electronic Brake Control Module	Traction Control System Status	Inactive	
Electronic Brake Control Module	Vehicle Stability System Status	Inactive	
Electronic Brake Control Module	Brake Fluid Level Sensor	OK	
Electronic Brake Control Module	Antilock Braking System	OK	
Electronic Brake Control Module	Traction Control System	OK	
Electronic Brake Control Module	Vehicle Stability System	OK	
Electronic Brake Control Module	Panic Brake Assist Status	OK	
Electronic Brake Control Module	Dynamic Rear Proportioning Status	OK	
Electronic Brake Control Module	Brake Booster Vacuum Sensor Supply	4.96	V
Electronic Brake Control Module	Brake Booster Vacuum Sensor	-1	kPa



Global Diagnostic System 2

Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 13:03:58 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 13:03:47 EST

Adaptive Pressure Control Data

Control Module	Parameter Name	Value	Unit
Electronic Brake Control Module	Successful Adaptive Pressure Control Learn Counter	7	
Electronic Brake Control Module	Ignition Cycles Until Next Adaptive Pressure Control Maintenance Mode	51	
Electronic Brake Control Module	Inhibited Adaptive Pressure Control Maintenance Mode Activation Attempts	0	
Electronic Brake Control Module	Primary Isolation Solenoid Valve Learn Status	Learned	
Electronic Brake Control Module	Secondary Isolation Solenoid Valve Learn Status	Learned	
Electronic Brake Control Module	ABS Left Front Inlet Solenoid Valve Learn Status	Learned	
Electronic Brake Control Module	ABS Right Front Inlet Solenoid Valve Learn Status	Learned	
Electronic Brake Control Module	ABS Left Rear Inlet Solenoid Valve Learn Status	Learned	
Electronic Brake Control Module	ABS Right Rear Inlet Solenoid Valve Learn Status	Learned	
Electronic Brake Control Module	Adaptive Pressure Control Performance Value 1	6EF0500	
Electronic Brake Control Module	Adaptive Pressure Control Performance Value 2	7FFF5FFF	
Electronic Brake Control Module	Primary Isolation Solenoid Valve Learned Value	1	
Electronic Brake Control Module	Secondary Isolation Solenoid Valve Learned Value	2	
Electronic Brake Control Module	ABS Left Front Inlet Solenoid Valve Learned Value	1	
Electronic Brake Control Module	ABS Right Front Inlet Solenoid Valve Learned Value	1	
Electronic Brake Control Module	ABS Left Rear Inlet Solenoid Valve Learned Value	2	
Electronic Brake Control Module	ABS Right Rear Inlet Solenoid Valve Learned Value	0	



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 13:11:55 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 13:11:44 EST

Control Module Name	Control Module Status	DTC Count	DLC Pin
---------------------	-----------------------	-----------	---------

Body Control Module	DTCs Stored	1	6,14
---------------------	-------------	---	------

Control Module	DTC Display	Symptom Byte	DTC Description	Symptom Description	Status
					Passed and Failed
					This Ignition Cycle
					Not Run
					Last Test
					Not Run
Body Control Module	U0159	00	Lost Communication with Parking Assist Control Module	- - -	Since DTC Clear
					Passed and Failed
					DTC History Status
					History
					MIL Status
					Not Requested



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)

3GTU2MEC7GG [REDACTED]

Report Creation Date

2018-12-20 12:54:44 EST

Vehicle Configuration Property

Make

GMC

Model

Sierra

Model Year

2016

Headlamp Type

Light Emitting Diode (T4L)

Chassis Control Module Version

0401

Passenger Presence System Version

Passenger Presence System (AL0)

Radio Type

Uplevel (IO4 IO5 IO6)

Telematics Communication Interface Control Module Version

10

Transmission Type

Automatic Transmission 6 Speed (MYC)

Seat Memory Control Module Version

Not Equipped

HVAC Control Module Type

Auto Control Dual Zone (CJ2)

Transfer Case Control Module Version

Transfer Case, Two Speed, Switch Activated (NQH)

Engine Identifier

5.3L (L8B)

System Information Property

VCI Serial Number

MDI: [REDACTED]

Vehicle Session Creation Date

2018-12-20 12:27:56

Test Start Time

2018-12-20 12:54:37 EST

Control Module Name

Control Module Status

DTC Count

DLC Pin

Chassis Control Module

No DTCs Stored

0

6,14

No DTCs Stored



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:59:30 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:59:22 EST

Control Module Name	Control Module Status	DTC Count	DLC Pin
Electronic Brake Control Module	No DTCs Stored	0	6,14

No DTCs Stored



Global Diagnostic System 2

Freeze Frame/Failure Records

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 13:00:26 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 13:00:12 EST

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
------------------------------	-------------	--------------	-----------------	---------------------

Freeze Frame	P0000	00	Unknown DTC - - -		
Parameter Name	Control Module		Value	Unit	
Ignition Cycles Since Last DTC	Electronic Brake Control Module		0	Counts	
Number of Times DTC has Occurred Since DTCs Cleared	Electronic Brake Control Module		255	Counts	
Secondary Code of DTC	Electronic Brake Control Module		0		
Antilock Braking System Status	Electronic Brake Control Module		Inactive		
Traction Control System Status	Electronic Brake Control Module		Inactive		
Vehicle Stability System	Electronic Brake Control Module		Inactive		
Dynamic Rear Proportioning Status	Electronic Brake Control Module		Inactive		
Left Front Wheel Speed Sensor	Electronic Brake Control Module		0	km/h	
Right Front Wheel Speed Sensor	Electronic Brake Control Module		0	km/h	
Left Rear Wheel Speed Sensor	Electronic Brake Control Module		0	km/h	
Right Rear Wheel Speed Sensor	Electronic Brake Control Module		0	km/h	
Steering Wheel Angle	Electronic Brake Control Module		11	°	
Brake Pressure Sensor	Electronic Brake Control Module		0	kPa	
Brake Pedal Position Sensor	Electronic Brake Control Module		Inactive		
Lateral Acceleration	Electronic Brake Control Module		0	g	
Longitudinal Acceleration	Electronic Brake Control Module		-0	g	
Yaw Rate	Electronic Brake Control Module		0	°/s	



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)

3GTU2MEC7GG [REDACTED]

Report Creation Date

2018-12-20 12:40:48 EST

Vehicle Configuration Property

Make

GMC

Model

Sierra

Model Year

2016

Headlamp Type

Light Emitting Diode (T4L)

Chassis Control Module Version

0401

Passenger Presence System Version

Passenger Presence System (AL0)

Radio Type

Uplevel (IO4 IO5 IO6)

Telematics Communication Interface Control Module Version

10

Transmission Type

Automatic Transmission 6 Speed (MYC)

Seat Memory Control Module Version

Not Equipped

HVAC Control Module Type

Auto Control Dual Zone (CJ2)

Transfer Case Control Module Version

Transfer Case, Two Speed, Switch Activated (NQH)

Engine Identifier

5.3L (L8B)

System Information Property

VCI Serial Number

MDI: [REDACTED]

Vehicle Session Creation Date

2018-12-20 12:27:56

Test Start Time

2018-12-20 12:40:41 EST

Control Module Name

Control Module Status

DTC Count

DLC Pin

Engine Control Module

No DTCs Stored

0

6,14

No DTCs Stored



Global Diagnostic System 2

Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:51:07 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:50:13 EST

Engine Data

Control Module	Parameter Name	Value	Unit
Engine Control Module	Engine Speed	0	RPM
Engine Control Module	Desired Idle Speed	1200	RPM
Engine Control Module	ECT Sensor	18	°C
Engine Control Module	IAT Sensor 1	28	°C
Engine Control Module	IAT Sensor 2	30	°C
Engine Control Module	Ambient Air Temperature	6	°C
Engine Control Module	Cold Start-Up	Yes	
Engine Control Module	MAF Sensor	0.00	g/s
Engine Control Module	Engine Load	0.0	%
Engine Control Module	Accelerator Pedal Position	0	%
Engine Control Module	Throttle Position	30	%
Engine Control Module	MAP Sensor	100.0	kPa
Engine Control Module	MAP Sensor	3.90	V
Engine Control Module	BARO	99.0	kPa
Engine Control Module	BARO Sensor	3.88	V
Engine Control Module	Calculated BARO	100	kPa
Engine Control Module	Air/Fuel Equivalence Ratio Command	0.26	
Engine Control Module	Fuel Control Loop Status	Open	
Engine Control Module	Injector Duty Cycle Bank 1	0.00	ms
Engine Control Module	Injector Duty Cycle Bank 2	0.00	ms
Engine Control Module	HO2S Bank 1 Sensor 1	1.90	V
Engine Control Module	HO2S Bank 1 Sensor 2	1.90	V

Engine Control Module	HO2S Bank 2 Sensor 1	1.89	V
Engine Control Module	HO2S Bank 2 Sensor 2	1.90	V
Engine Control Module	Short Term Fuel Trim Bank 1	0	%
Engine Control Module	Short Term Fuel Trim Bank 2	0	%
Engine Control Module	Long Term Fuel Trim Bank 1	5	%
Engine Control Module	Long Term Fuel Trim Bank 2	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	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	0.01	in. H2O
Engine Control Module	Remaining Fuel in Tank	10.2	%
Engine Control Module	Ignition Timing	0.0	°
Engine Control Module	Power Mode	Run	
Engine Control Module	Ignition 1 Signal	12.10	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	12.1	V
Engine Control Module	Reduced Engine Power History	None	
Engine Control Module	MIL Command	On	
Engine Control	MIL Requested by DTC	No	

Module			
Engine Control Module	MIL Control Circuit Low Voltage Test Status	Not Run	
Engine Control Module	MIL Control Circuit Open Test Status	Not Run	
Engine Control Module	MIL Control Circuit High Voltage Test Status	OK	
Engine Control Module	Cruise Control	Disabled	
Engine Control Module	Fuel Pressure Sensor	441	kPa
Engine Control Module	Fuel Alcohol Content	11	%
Engine Control Module	Fuel Pressure Regulator High Control Circuit Command	0	%
Engine Control Module	Fuel Pump Enable Command	Off	
Engine Control Module	Park/Neutral Position Switch	Park/Neutral	
Engine Control Module	Brake Pedal Position Sensor Signal	Released	
Engine Control Module	A/C Compressor Clutch Relay Command	Off	
Engine Control Module	Engine Oil Pressure	0.00	kPa
Engine Control Module	Engine Oil Level Switch	OK	
Engine Control Module	Engine Oil Pressure Switch	OK	
Engine Control Module	Engine Oil Absolute Pressure Sensor	96	kPa
Engine Control Module	Engine Oil Pressure Control Solenoid Valve Command	Off	
Engine Control Module	Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	OK	
Engine Control Module	Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	OK	
Engine Control Module	Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	Not Run	
Engine Control Module	Engine Oil Pressure Control Test Counter	0	Counts
Engine Control Module	Vehicle Speed Sensor	0	km/h
Engine Control Module	Warm-Ups Since DTC Cleared	113	Counts

Engine Control Module	Warm-Ups without Emission Malfunctions	113	Counts
Engine Control Module	Warm-Ups without Non-Emission Malfunctions	113	Counts
Engine Control Module	Distance Since DTC Cleared	6630	km
Engine Control Module	Engine Run Time	00:00:00	

Control Module Name	Control Module Status	DTC Count	DLC Pin
Engine Control Module	No DTCs Stored	0	6,14

No DTCs Stored



Global Diagnostic System 2

Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 13:06:57 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 13:06:45 EST

Park Brake Control Module Data

Control Module	Parameter Name	Value	Unit
Parking Brake Control Module	Battery Voltage		V
Parking Brake Control Module	Park Brake Calibration Status		
Parking Brake Control Module	Park Brake Switch		
Parking Brake Control Module	Park Brake Status		
Parking Brake Control Module	Park Brake Motor Command		
Parking Brake Control Module	Park Brake Motor Duty Cycle Command		%
Parking Brake Control Module	Park Brake Cable Position		Counts
Parking Brake Control Module	Park Brake Release Reason		
Parking Brake Control Module	Park Brake Cycle Counter		Cycles
Parking Brake Control Module	Calculated System Temperature		°C
Parking Brake Control Module	Engine Control Module - Accelerator Pedal Position Signal		
Parking Brake Control Module	Engine Control Module - Clutch Pedal Position Signal		
Parking Brake Control Module	Engine Control Module - Engine Running Signal		
Parking Brake Control Module	Transmission Control Module - Transmission Gear Signal		
Parking Brake Control Module	Electronic Brake Control Module - Vehicle Speed Signal		
Parking Brake Control Module	Electronic Brake Control Module - Longitudinal Acceleration Sensor Signal		
Parking Brake Control Module	Electronic Brake Control Module - Emergency Park Brake Enable Signal		
Parking Brake Control Module	Body Control Module - Brake Pedal Signal		
Parking Brake Control Module	Body Control Module - Driver Seat Belt Signal		



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)
Report Creation Date

3GTU2MEC7GG [REDACTED]
2018-12-20 13:05:08 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 13:05:01 EST

Control Module Name	Control Module Status	DTC Count	DLC Pin
Parking Brake Control Module	No Communication	0	6,14

No DTCs Stored



Diagnostics

 Manage Diagnostic Packages

 Review Stored Data

 Preferences

 Release Notes

 Language

Days Remaining Until Lease Expires

20

 Close Application

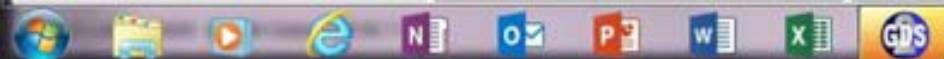
 Back

 Contact Us

 Home

 Vehicle Menu

 Enter



GDS 2

Vehicle Selection

Device:

MDI: [REDACTED]

Select Device

Disconnect

☐ Navigate Without Device

Press Enter To Continue.

Make

GMC

Model

Sierra

Model Year

2016

VIN:

3GTU2ME07G0 [REDACTED]

Read VIN

Clear Vehicle Selection

Copy VIN

VIN	Year	Make	Model	Timestamp
2G1FF1E36P [REDACTED]	2016	Chevrolet	Camaro	Dec 14, 2018 3:37:26 PM
2GNAXUEV9K0 [REDACTED]	2019	Chevrolet	Equinox	Dec 13, 2018 2:09:02 PM
1G1JD55G2J4 [REDACTED]	2018	Chevrolet	Sonic	Oct 31, 2018 4:37:44 PM
W04WT3N54D0 [REDACTED]	2016	Buick	Cascade	Oct 30, 2018 3:11:55 PM
1G1Z85ST6H [REDACTED]	2017	Chevrolet	Malibu	Oct 29, 2018 12:46:46 PM
1GNEVFKW5J [REDACTED]	2016	Chevrolet	Traverse	Oct 26, 2018 3:02:25 PM
1GY54JK15H [REDACTED]	2017	Cadillac	Escalade ESV	Oct 24, 2018 3:45:22 PM
1G1Z85ST5H [REDACTED]	2017	Chevrolet	Malibu	Oct 23, 2018 3:12:44 PM
1GCPTDE11G [REDACTED]	2016	Chevrolet	Colorado	Oct 4, 2018 3:31:29 PM
3GYFNAE32C5 [REDACTED]	2012	Cadillac	SRX	Oct 3, 2018 2:38:10 PM

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300 GM Global v2018.11.0

MDI: [REDACTED] 12.2 V

GDS 2

Module Diagnostics

Vehicle Diagnostics

System Diagnostics

Session Manager

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
----------	-------	--------------

Navigation Path

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra

MDI:

t2.2 V

Vehicle Diagnostics

 Session Manager

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source

--	--

 Vehicle Menu

GDS 2

Vehicle DTC Information

Read Vehicle Wide DTC and ID Information

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property

Value

Value Source

Navigation Path

Vehicle Diagnostics

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

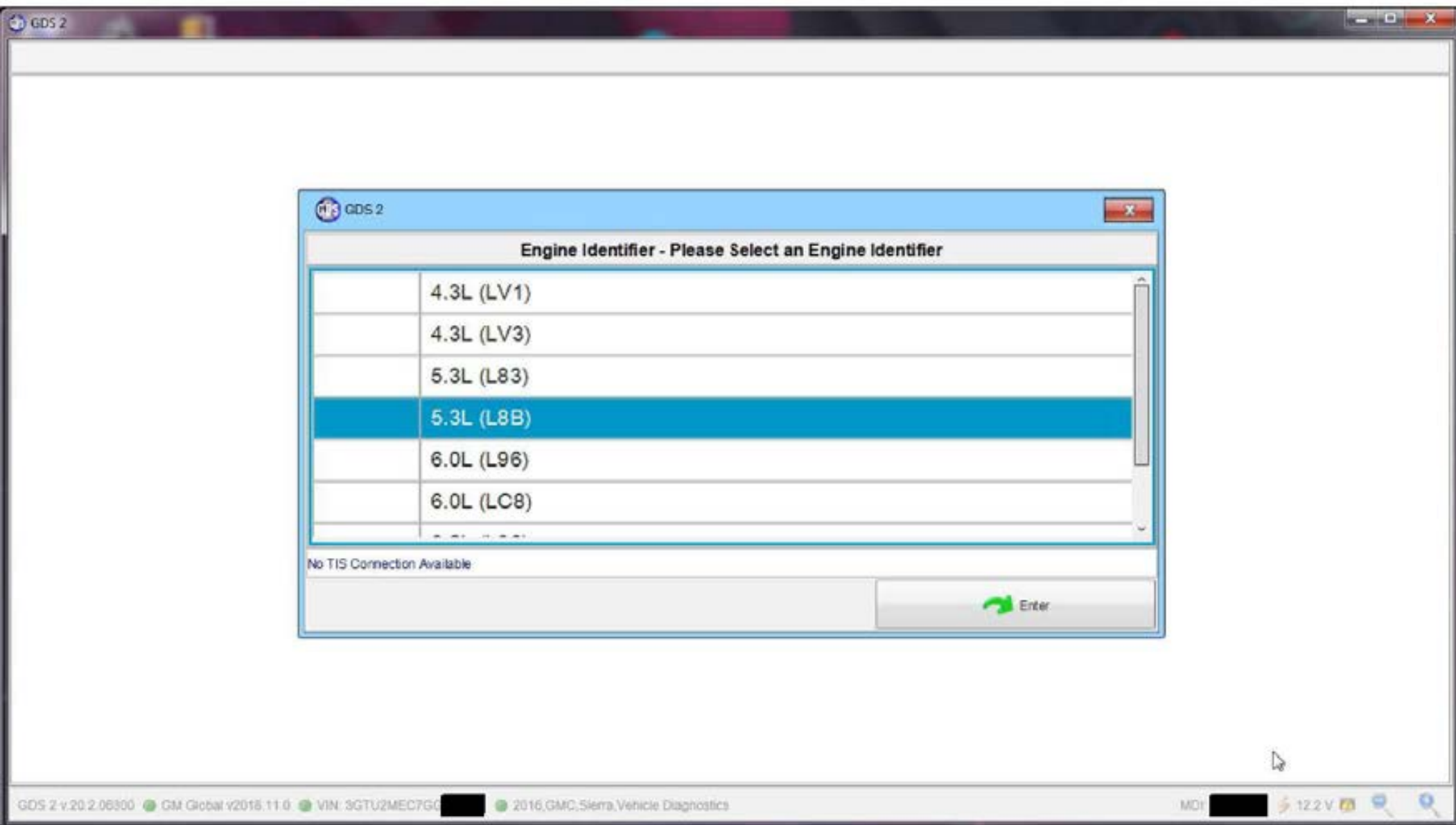
GM Global v2018.11.0

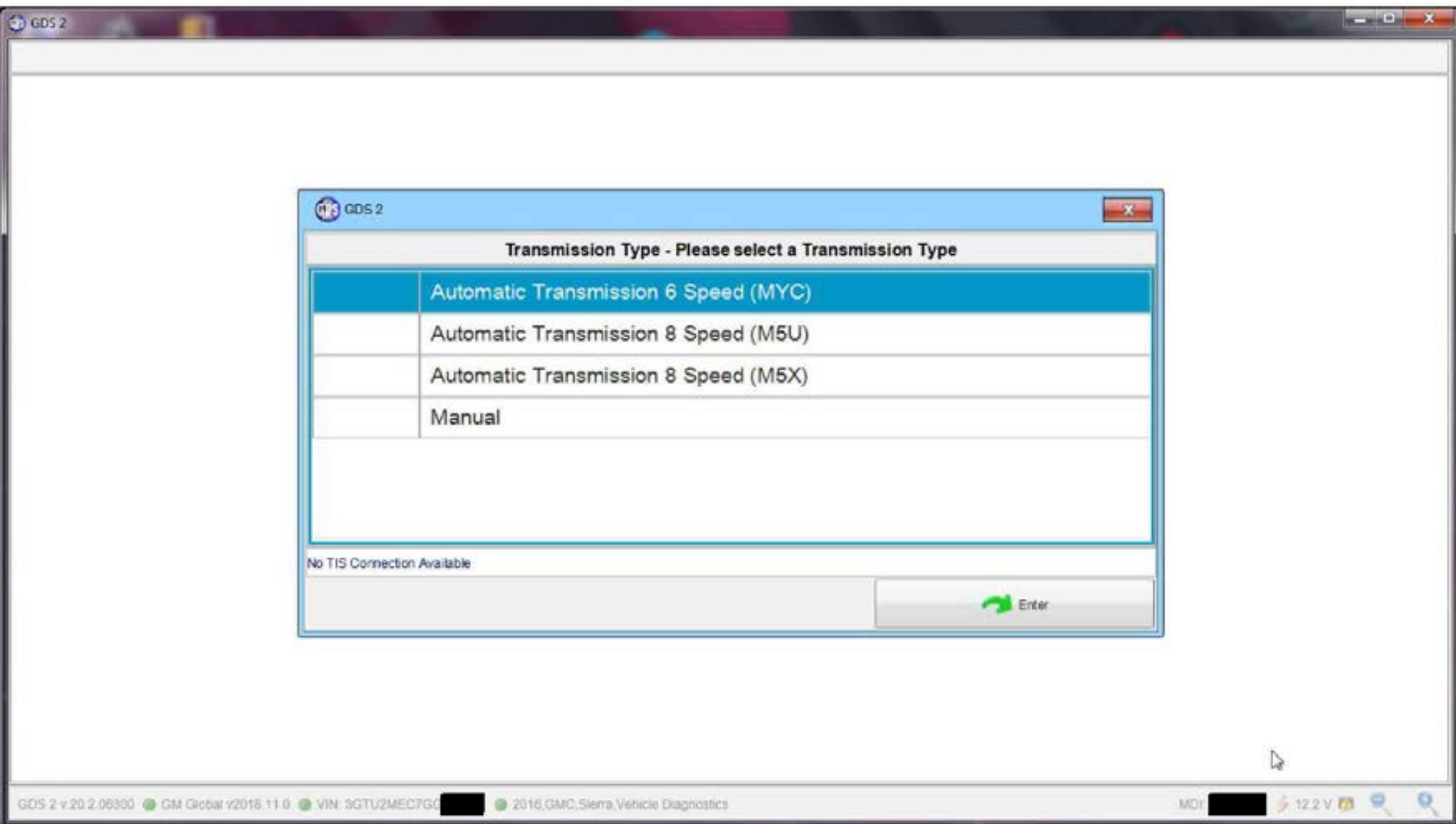
VIN: 3GTU2MEC7G

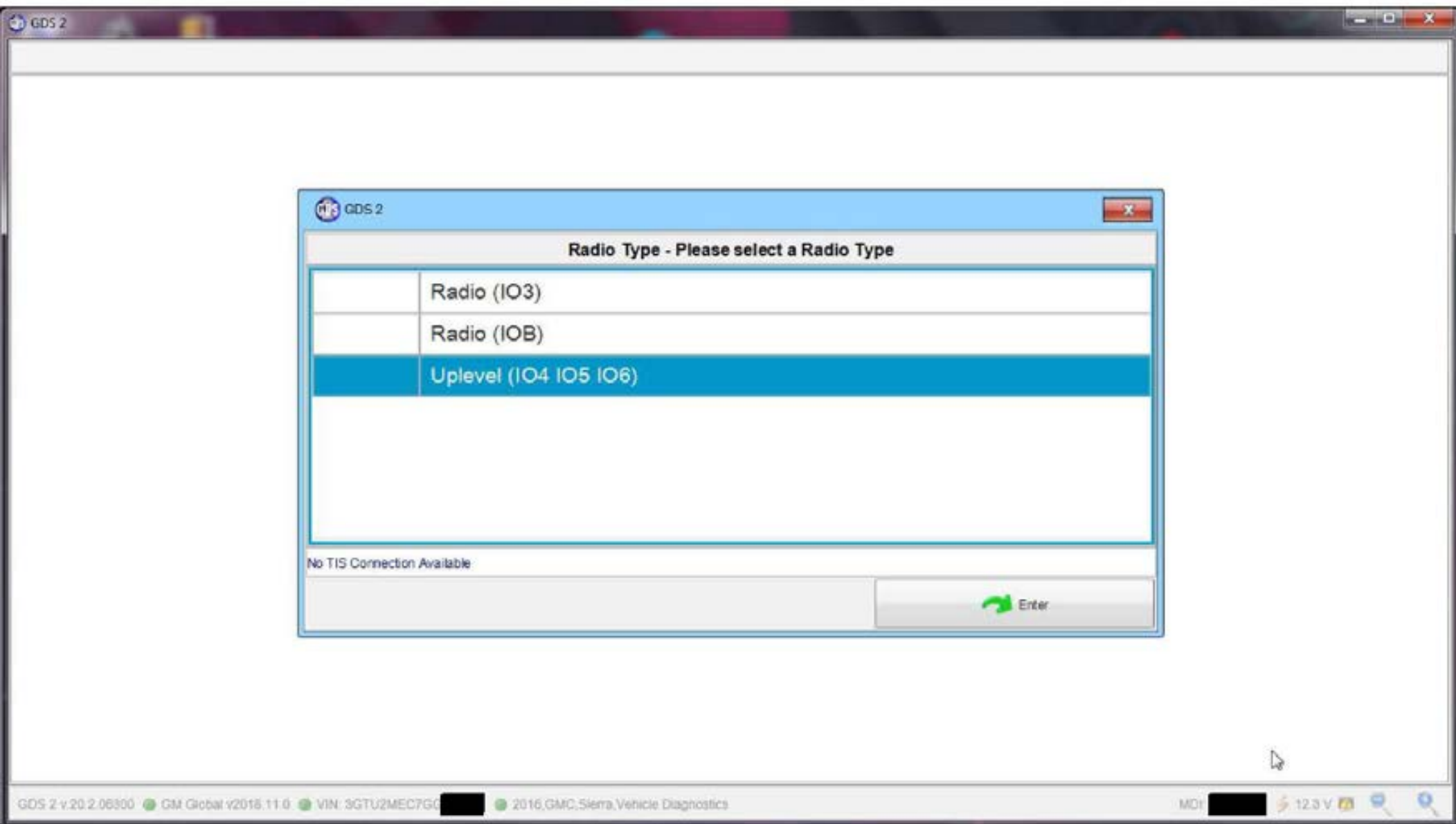
2016,GMC,Sierra,Vehicle Diagnostics

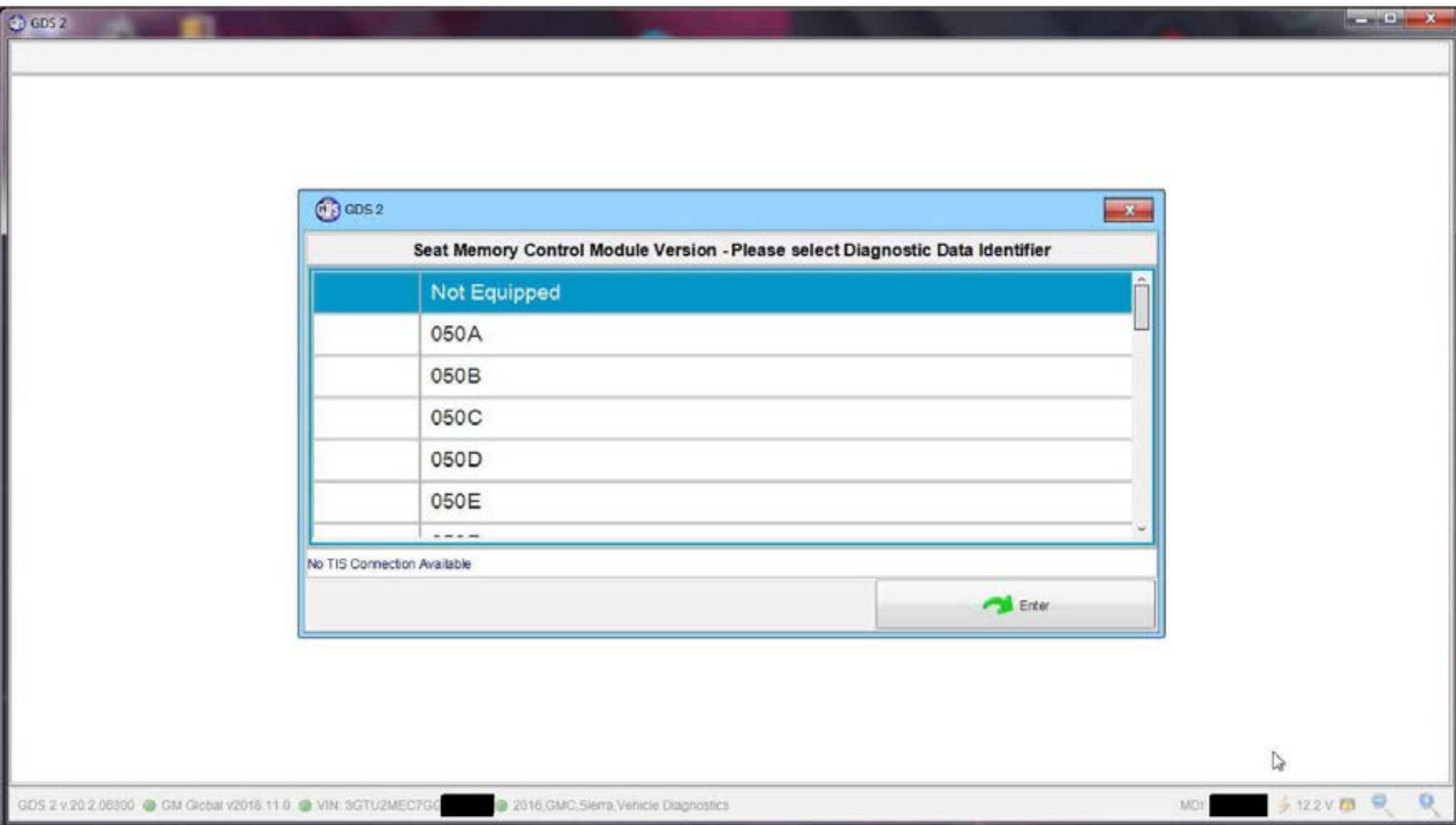
MDI:

t2.2 V









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
✓	Chassis Control Module	No DTCs Stored	0	6,14
✗	Hybrid Powertrain Control Module	No Communication		6,14
✗	Hybrid Powertrain Control Module 2	No Communication		6,14
✓	Transfer Case Control Module	No DTCs Stored	0	6,14
✗	Distance Sensing Cruise Control Module	No Communication		6,14
✓	Electronic Brake Control Module	No DTCs Stored	0	6,14
✗	Parking Brake Control Module	No Communication		6,14
✓	Power Steering Control Module	No DTCs Stored	0	6,14
✓	Steering Wheel Angle Sensor Module	No DTCs Stored	0	12,13
✗	Suspension Control Module	No Communication		6,14
⚠	Body Control Module	DTCs Stored	1	6,14
✓	Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1
✓	Passenger Presence Module	No DTCs Stored	0	1
⚠	Instrument Cluster	DTCs Stored	1	1
✓	Radio Controls	No DTCs Stored	0	1
✓	HVAC Controls	No DTCs Stored	0	1
✓	Radio	No DTCs Stored	0	1
✗	Amplifier	No Communication		1
✗	Media Disc Player	No Communication		1
⚠	Human Machine Interface Control Module	DTCs Stored	1	6,14

Clear DTCs

Refresh

Details

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Vehicle Diagnostics

MDI:

12.2 V

GDS 2

Vehicle DTC Information

Create Report

Add Bookmark

DTC Summary

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
	Distance Sensing Cruise Control Module	No Communication		6,14
	Electronic Brake Control Module	No DTCs Stored	0	6,14
	Parking Brake Control Module	No Communication		6,14
	Power Steering Control Module	No DTCs Stored	0	6,14
	Steering Wheel Angle Sensor Module	No DTCs Stored	0	12,13
	Suspension Control Module	No Communication		6,14
	Body Control Module	DTCs Stored	1	6,14
	Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1
	Passenger Presence Module	No DTCs Stored	0	1
	Instrument Cluster	DTCs Stored	1	1
	Radio Controls	No DTCs Stored	0	1
	HVAC Controls	No DTCs Stored	0	1
	Radio	No DTCs Stored	0	1
	Amplifier	No Communication		1
	Media Disc Player	No Communication		1
	Human Machine Interface Control Module	DTCs Stored	1	6,14
	Telematics Communication Interface Control Module	No DTCs Stored	0	6,14
	HVAC Control Module	No DTCs Stored	0	1
	Seat Memory Control Module - Driver	No Communication		1
	Assist Step Control Module	No Communication		1
	Parking Assist Control Module	No DTCs Stored	0	1

Clear DTCs

Refresh

Details

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300 GM Global v2018.11.0 VIN: 3GTU2MEC7G0 2016,GMC,Sierra,Vehicle DiagnosticsMDI: 12.2 V



Global Diagnostic System 2

Vehicle DTC Information

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:28:34 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:25:55
Test Start Time	2018-12-20 12:27:56 EST

- Add to favorites... Ctrl-D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...

Control Module Name	Control Module Status	DTC Count	DLC Pin
Engine Control Module	No DTCs Stored	0	6,14
Chassis Control Module	No DTCs Stored	0	6,14
Hybrid Powertrain Control Module	No Communication	0	6,14
Hybrid Powertrain Control Module 2	No Communication	0	6,14
Transfer Case Control Module	No DTCs Stored	0	6,14
Distance Sensing Cruise Control Module	No Communication	0	6,14
Electronic Brake Control Module	No DTCs Stored	0	6,14
Parking Brake Control Module	No Communication	0	6,14
Power Steering Control Module	No DTCs Stored	0	6,14
Steering Wheel Angle Sensor Module	No DTCs Stored	0	12,13
Suspension Control Module	No Communication	0	6,14
Body Control Module	DTCs Stored	1	6,14
Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1
Passenger Presence Module	No DTCs Stored	0	1
Instrument Cluster	DTCs Stored	1	1
Radio Controls	No DTCs Stored	0	1
HVAC Controls	No DTCs Stored	0	1
Radio	No DTCs Stored	0	1
Amplifier	No Communication	0	1
Media Disc Player	No Communication	0	1
Human Machine Interface Control Module	DTCs Stored	1	6,14
Telematics Communication Interface Control Module	No DTCs Stored	0	6,14

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 - C				Vehicle DTC Information		
File	Edit	View	Favorites	Tools	Help	
Human Machine Interface Control Module				No Communication	0	
Human Machine Interface Control Module				DTCs Stored	1	
Telematics Communication Interface Control Module				No DTCs Stored	0	
HVAC Control Module				No DTCs Stored	0	
Seat Memory Control Module - Driver				No Communication	0	
Assist Step Control Module				No Communication	0	1
Parking Assist Control Module				No DTCs Stored	0	1

Add to favorites...	Ctrl+D
Add to Favorites bar	
Add current tabs to favorites...	
Import and export...	
Organize favorites...	

Control Module	DTC Display	Symptom Byte	DTC Description	Symptom Description	Status
Human Machine Interface Control Module	B127E	00	Front Video Display Output Signal	---	History
					DTC Current Status Not Current
					DTC History Status History
Instrument Cluster	U0159	00	Lost Communication with Parking Assist Control Module	---	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	U0159	00	Lost Communication with Parking Assist Control Module	---	Passed and Failed
					This Ignition Cycle Not Run
					Last Test Not Run
					Since DTC Clear Passed and Failed
					DTC History Status History
					MIL Status Not Requested

GDS 2

 Vehicle DTC Information

 Read Vehicle Wide DTC and ID Information

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User

Navigation Path

Vehicle Diagnostics

 Back

 Contact Us

 Home

 Vehicle Menu

 Enter

GDS 2 v.20.2.06300

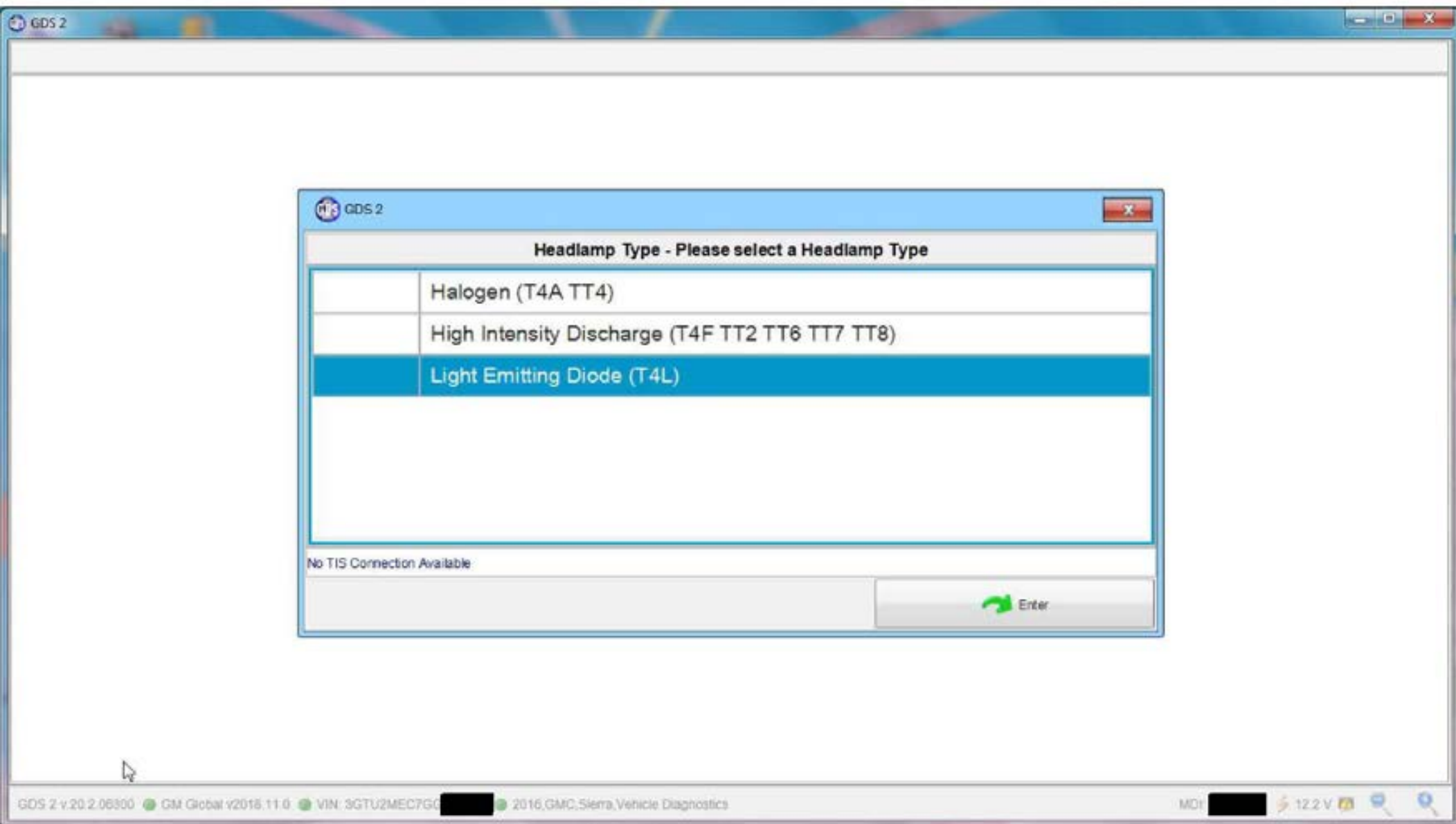
GM Global v2018.11.0

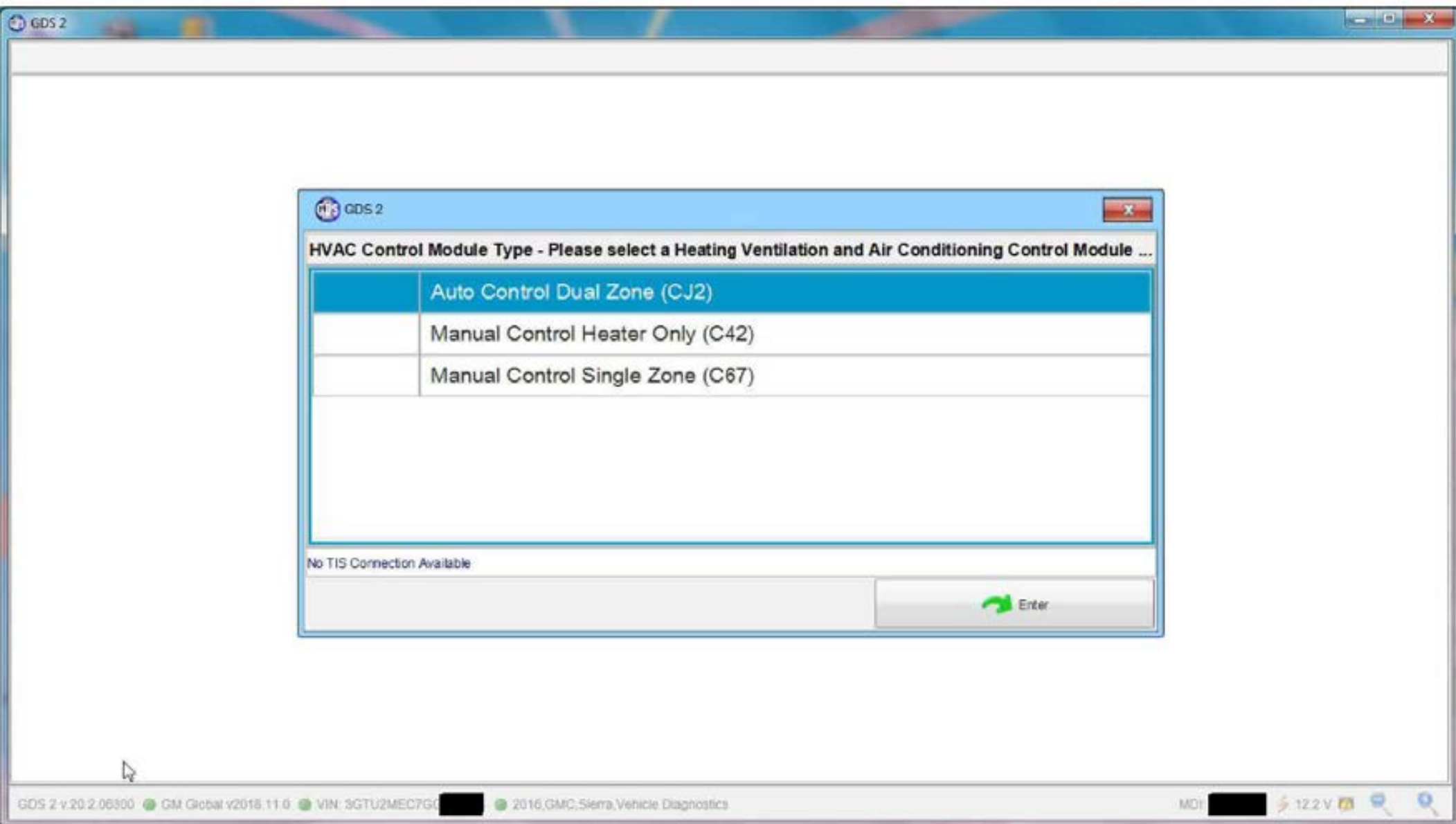
VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Vehicle Diagnostics

MDI:

t2.2 V





GDS 2

Read Vehicle Wide DTC and ID Information

DTC Summary

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
✓	Engine Control Module	No DTCs Stored	0	6,14
✓	Chassis Control Module	No DTCs Stored	0	6,14
✗	Hybrid Powertrain Control Module	No Communication		6,14
✗	Hybrid Powertrain Control Module 2	No Communication		6,14
✓	Transfer Case Control Module	No DTCs Stored	0	6,14
✗	Distance Sensing Cruise Control Module	No Communication		6,14
✓	Electronic Brake Control Module	No DTCs Stored	0	6,14
✗	Parking Brake Control Module	No Communication		6,14
✓	Power Steering Control Module	No DTCs Stored	0	6,14
✓	Steering Wheel Angle Sensor Module	No DTCs Stored	0	12,13
✗	Suspension Control Module	No Communication		6,14
⚠	Body Control Module	DTCs Stored	1	6,14
✓	Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1
✓	Passenger Presence Module	No DTCs Stored	0	1
⚠	Instrument Cluster	DTCs Stored	1	1
✓	Radio Controls	No DTCs Stored	0	1
✓	HVAC Controls	No DTCs Stored	0	1
✓	Radio	No DTCs Stored	0	1
✗	Amplifier	No Communication		1
✗	Media Disc Player	No Communication		1
⚠	Human Machine Interface Control Module	DTCs Stored	1	6,14
✓	Telematics Communication Interface Control Module	No DTCs Stored	0	6,14
✓	HVAC Control Module	No DTCs Stored	0	1

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v 20.2.06300
GM Global v2018.11.0
VIN: 3GTU2MEC7G0
2016,GMC,Sierra,Vehicle Diagnostics
MDI
12.2 V

Read Vehicle Wide DTC and ID Information

DTC Summary

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
	Hybrid Powertrain Control Module 2	No Communication		9,14
	Transfer Case Control Module	No DTCs Stored	0	6,14
	Distance Sensing Cruise Control Module	No Communication		6,14
	Electronic Brake Control Module	No DTCs Stored	0	6,14
	Parking Brake Control Module	No Communication		6,14
	Power Steering Control Module	No DTCs Stored	0	6,14
	Steering Wheel Angle Sensor Module	No DTCs Stored	0	12,13
	Suspension Control Module	No Communication		6,14
	Body Control Module	DTCs Stored	1	6,14
	Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1
	Passenger Presence Module	No DTCs Stored	0	1
	Instrument Cluster	DTCs Stored	1	1
	Radio Controls	No DTCs Stored	0	1
	HVAC Controls	No DTCs Stored	0	1
	Radio	No DTCs Stored	0	1
	Amplifier	No Communication		1
	Media Disc Player	No Communication		1
	Human Machine Interface Control Module	DTCs Stored	1	6,14
	Telematics Communication Interface Control Module	No DTCs Stored	0	6,14
	HVAC Control Module	No DTCs Stored	0	1
	Seat Memory Control Module - Driver	No Communication		1
	Assist Step Control Module	No Communication		1
	Parking Assist Control Module	Requesting DTCs		1



Back



Contact Us



Home



Vehicle Menu



Enter



Global Diagnostic System 2

Read Vehicle Wide DTC and ID Information

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:31:18 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:29:53 EST

File Edit View Favorites Tools Help

Add to favorites... Ctrl+D
Add to Favorites bar
Add current tabs to favorites...
Import and export...
Organize favorites...

Engine Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
End Model Part Number	12673195
Base Model Part Number	12672527
Software Module 1 Identifier	12672612
Software Module 2 Identifier	12666199
Software Module 3 Identifier	12665605
Software Module 4 Identifier	12666252
Software Module 5 Identifier	12670672
Software Module 6 Identifier	12670660
Software Module 7 Identifier	12653630
Software Module 8 Identifier	12659034

No DTCs Stored

Chassis Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Subscriber ID	PCSISTN#25
Date Programmed	20160301
Diagnostic Data Identifier	0401
Base Model Part Number	84012573

Chassis Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG
Subscriber ID	PCSISTN#25
Date Programmed	20160301
Diagnostic Data Identifier	0401
Base Model Part Number	84012573
End Model Part Number	84012572
Software Module 1 Identifier	23197444
Software Module 2 Identifier	23438991
Software Module 3 Identifier	23438994
Software Module 4 Identifier	23439008
Software Module 5 Identifier	23439011
System Code	04

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...

No DTCs Stored

Hybrid Powertrain Control Module

No Communication

Hybrid Powertrain Control Module 2

No Communication

Transfer Case Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG
Diagnostic Data Identifier	0306
Software Part Number	84219970



File Edit View Favorites Tools Help

Transfer Case Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Diagnostic Data Identifier	0306
Software Part Number	84219970
Calibration Part Number	84220001
End Model Part Number	23285501
Base Model Part Number	23287057
Hardware Version	A1yyy

No DTCs Stored

Distance Sensing Cruise Control Module

No Communication

Electronic Brake Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Subscriber ID	PCSISTN#25
Date Programmed	Tuesday, March 1, 2016
Diagnostic Data Identifier	2B03
XML Configuration Compatibility Identifier	261
XML Data File Part Number	23223279
XML Data File Alpha Code	DA
Previous Subscriber ID	yyyyyyyyyy
2nd Previous Subscriber ID	
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	1116036S4G25017H

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2		Read Vehicle Wide DTC and...
File Edit View Favorites Tools Help		
Manufacturer's Traceability Number	1116036S4G25017H	
Module Diagnostic Address	28	
End Model Part Number	23388971	
Base Model Part Number	23388991	
End Model Part Number Alpha Code	DA	
Base Model Part Number Alpha Code	DA	
Boot Software Part Number	23115283	
Software Part Number Alpha Code	CA	
Software Module 1 Identifier	23389011	
Software Module 1 Identifier Alpha Code	DA	
Software Module 2 Identifier	23389007	
Software Module 2 Identifier Alpha Code	DA	
Software Module 3 Identifier	23232445	
Software Module 3 Identifier Alpha Code	CA	
Software Module 4 Identifier		
Software Module 4 Identifier Alpha Code		
Software Module 5 Identifier		
Software Module 5 Identifier Alpha Code		
Software Module 6 Identifier		
Software Module 6 Identifier Alpha Code		
Software Module 7 Identifier		
Software Module 7 Identifier Alpha Code		
Software Module 8 Identifier		
Software Module 8 Identifier Alpha Code		
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	80000	
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	80000	

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 - > Read Vehicle Wide DTC and... x	
File Edit View Favorites Tools Help	
GMLAN Identification Data - Data Dictionary 1 Version	00000
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	80000
System Code	2B

No DTCs Stored

Parking Brake Control Module

No Communication

Power Steering Control Module

Identification Information	Value
System Identification	NEXTR0300
System Name or Engine Type	RACK-EPS
Subscriber ID	PCSISTN#25
Date Programmed	Tuesday, March 1, 2016
Diagnostic Data Identifier	901
Manufacturer Enable Counter	0
Module Diagnostic Address	31
Manufacturer's Traceability Number	A216049060298932
Software Module 1 Identifier	23373707
Software Module 2 Identifier	23373715
Software Module 3 Identifier	23341135
End Model Part Number	23373708
Base Model Part Number	23335625
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

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 - C Read Vehicle Wide DTC and...

File	Edit	View	Favorites	Tools	Help
Software Module 2 Identifier Alpha Code					AA
End Model Part Number Alpha Code					AA
Base Model Part Number Alpha Code					AA
Boot Software Part Number					23341132

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current jobs to favorites...
- Import and export...
- Organize favorites...

No DTCs Stored

Suspension Control Module

No Communication

Body Control Module

Identification Information	Value
End Model Part Number	13510531
Boot Software Part Number	13586286
Manufacturer Enable Counter	0
Calibration Part Number 1	13510534
Calibration Part Number 2	84029835
Calibration Part Number 3	84047907
Calibration Part Number 4	23295288
Calibration Part Number 5	84061280
Calibration Part Number 6	23342211
Calibration Part Number 7	23268749
Calibration Part Number 8	84029842
Calibration Part Number 9	23224160
Calibration Part Number 10	23224029
Calibration Part Number 11	84074330
Calibration Part Number 12	23268668
Calibration Part Number 13	13338869
Calibration Part Number 14	23193183
Calibration Part Number 15	13505711

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2

Read Vehicle Wide DTC and...

FileEditViewFavoritesToolsHelp

Add to favorites...Ctrl+D

Add to Favorites bar

Add current tabs to favorites...

Import and export...

Organize favorites...

Calibration Part Number 13	13338869
Calibration Part Number 14	23193183
Calibration Part Number 15	13505711
Calibration Part Number 16	13505709
Calibration Part Number 17	13505710
Calibration Part Number 18	13505707
Calibration Part Number 19	13505708
Calibration Part Number 20	84029864
Diagnostic Data Identifier	403
Module Diagnostic Address	40
Vehicle Identification Number (VIN)	3GTU2MEC7GG
Odometer	57660

Add to favorites...	Ctrl-D
Add to Favorites bar	
Add current tabs to favorites...	
Import and export...	
Organize favorites...	

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
U0159	00	Lost Communication with Parking Assist Control Module	- - -	Passed and Failed	
				This Ignition Cycle	Not Run
				Last Test	Not Run
				Since DTC Clear	Passed and Failed
				DTC History Status	History
				MIL Status	Not Requested

Human Machine Interface Control Module

Identification Information	Value
WLAN Link Quality	
App 1 Identifier	
App 1 Version	
App 2 Identifier	
App 2 Version	
App 3 Identifier	
App 3 Version	

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 - > Read Vehicle Wide DTC and... x

File Edit View Favorites Tools Help

Human Machine Interface Control Module

Identification Information	
WLAN Link Quality	
App 1 Identifier	
App 1 Version	
App 2 Identifier	
App 2 Version	
App 3 Identifier	
App 3 Version	
App 4 Identifier	
App 4 Version	
App 5 Identifier	
App 5 Version	
App 6 Identifier	
App 6 Version	
App 7 Identifier	
App 7 Version	
App 8 Identifier	
App 8 Version	

Add to favorites... Ctrl+D

Add to Favorites bar

Add current tabs to favorites...

Import and export...

Organize favorites...

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B127E	00	Front Video Display Output Signal	---	History	
				DTC Current Status	Not Current
				DTC History Status	History

Telematics Communication Interface Control Module

Identification Information	Value
Bluetooth	Disabled



File Edit View Favorites Tools Help

Telematics Communication Interface Control Module

Identification Information	Value
Bluetooth	Disabled
End Model Part Number	84023338
Firmware Over-the-Air Version	7868
GSM Network Code	28672
Manufacturer	LG
Manufacturer's Traceability Number	
Mobile Directory Number	
Mobile Identification Number	
Mobile Equipment Identifier	
Module Generation Identifier	10
Off-Board Navigation	Enabled
OnStar Customer Identifier	112607347
Option Configuration	On
Preferred Roaming List Version Number	90F5A0D6
Remote Vehicle Speed Limiting	Active
Software Module 1 Identifier	354235
Software Module 1 Identifier Alpha Code	5B5
Integrated Circuit Card Identifier	8901170227105151350
Utility File Part Number	23406250

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...

No DTCs Stored

Steering Wheel Angle Sensor Module

Identification Information	Value
Diagnostic Data Identifier	501
Manufacturer's Traceability Number	5316034603400480
Module Diagnostic Address	34



Steering Wheel Angle Sensor Module

Identification Information	Value
Diagnostic Data Identifier	501
Manufacturer's Traceability Number	5316034603400480
Module Diagnostic Address	34
End Model Part Number	13590209
End Model Part Number Alpha Code	CD
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	50202

No DTCs Stored

Inflatable Restraint Sensing and Diagnostic Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
End Model Part Number	13594402
Base Model Part Number	13590210
Manufacturer's Traceability Number	K3160463M24WME00
Inflatable Restraint Sensing and Diagnostic Module Primary Key	9730
Software Part Number	13518038
Calibration Part Number 1	84219730
Calibration Part Number 2	23207234
Diagnostic Data Identifier	0B11
Software Module 1 Identifier	0
Software Module 2 Identifier	0
High Voltage Disable Requested - Crash Event Detected	No
Transmitting Acceleration Sensor Reading on Bus	Enabled

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 Read Vehicle Wide DTC and...

File Edit View Favorites Tools Help

Transmitting Acceleration Sensor Reading on Bus Enabled

No DTCs Stored

Passenger Presence Module

Add to favorites... Ctrl+D
 Add to Favorites bar
 Add current tabs to favorites...
 Import and export...
 Organize favorites...

Identification Information	Value
End Model Part Number	23133681
Base Model Part Number	23133681
Manufacturer's Traceability Number	BR3681S04360XT7A
Software Part Number	23133762
Calibration Part Number 1	23133682

No DTCs Stored

Instrument Cluster

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Odometer	57660
Subscriber ID	PCSISTN#25
Previous Subscriber ID	YYYYYYYYYY
2nd Previous Subscriber ID	
Date Programmed	Tuesday, March 1, 2016
Diagnostic Data Identifier	1084
XML Configuration Compatibility Identifier	16
XML Data File Part Number	84022193
XML Data File Alpha Code	EZ
Manufacturer Enable Counter	0
Module Diagnostic Address	60
End Model Part Number	84026904
Base Model Part Number	22754825

Instrument Cluster

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG
Odometer	57660
Subscriber ID	PCSISTN#25
Previous Subscriber ID	yyyyyyyyyy
2nd Previous Subscriber ID	
Date Programmed	Tuesday, March 1, 2016
Diagnostic Data Identifier	1084
XML Configuration Compatibility Identifier	16
XML Data File Part Number	84022193
XML Data File Alpha Code	EZ
Manufacturer Enable Counter	0
Module Diagnostic Address	60
End Model Part Number	84026904
Base Model Part Number	22754625
Software Module 1 Identifier	84026891
Software Module 2 Identifier	
Software Module 3 Identifier	
Software Module 4 Identifier	
Software Module 5 Identifier	84022189
Software Module 6 Identifier	23429803
Software Module 7 Identifier	23429807
Software Module 8 Identifier	23429811
Software Module 9 Identifier	23429815
Software Module 10 Identifier	23429819
Software Module 12 Identifier	84026889
Software Module 13 Identifier	23429823

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2

Read Vehicle Wide DTC and...

File

Edit

View

Favorites

Tools

Help

Software Module 13 Identifier	23429823
Software Module 14 Identifier	23429824
Software Module 15 Identifier	23349023
Software Module 16 Identifier	0
GMLAN Identification Data - Bus 1 Type	Low Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	301
GMLAN Identification Data - Data Dictionary 1 Version	80407
System Code	10
Calibration Part Number 12	
Manufacturer's Traceability Number	4116054AJUL0JLT0
Steering Wheel Control Switches Part Number	23262277
Head-Up Display Part Number	

Add to favorites...

Ctrl+D

Add to Favorites bar

Add current tabs to favorites...

Import and export...

Organize favorites...

Add to favorites...	Ctrl+D
Add to Favorites bar	
Add current tabs to favorites...	
Import and export...	
Organize favorites...	

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status
U0159	00	Lost Communication with Parking Assist Control Module	---	Passed and Failed
				This Ignition Cycle Passed
				Since DTC Clear Passed and Failed
				DTC Current Status Not Current
				DTC History Status History

Radio Controls

Identification Information	Value
Boot Software Part Number	23118301
Calibration Part Number 1	23118295
Calibration Part Number 2	
Calibration Part Number 3	
End Model Part Number	23383730
Base Model Part Number	23383730

No DTCs Stored



Radio Controls

Identification Information	Value
Boot Software Part Number	23118301
Calibration Part Number 1	23118295
Calibration Part Number 2	
Calibration Part Number 3	
End Model Part Number	23383730
Base Model Part Number	23383730

No DTCs Stored

HVAC Controls

Identification Information	Value
Boot Software Part Number	22884779
Calibration Part Number 1	22884774
Calibration Part Number 2	
Calibration Part Number 3	
Diagnostic Data Identifier	FFFF
End Model Part Number	23486616
Base Model Part Number	23486616
Date Programmed	0
Subscriber ID	0000000000
Previous Subscriber ID	0000000000
Module Diagnostic Address	68
Data Universal Numbering System Number	383135333732393832
Manufacturer's Traceability Number	2116054000000395

No DTCs Stored



Radio

Add to favorites... Ctrl-D
 Add to Favorites **bar**
 Add current tabs to favorites...
 Import and export...
 Organize favorites...

Amplifier

Amplifier

No Communication

Media Disc Player

No Communication

HVAC Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG
Date Programmed	Tuesday, March 1, 2016
Diagnostic Data Identifier	50A
End Model Part Number	13506229
Base Model Part Number	13506229
Software Module 1 Identifier	13506225
Software Module 2 Identifier	23179902
Software Module 3 Identifier	23179889

No DTCs Stored

Seat Memory Control Module - Driver

No Communication

Assist Step Control Module

No Communication

Parking Assist Control Module

Identification Information	Value
----------------------------	-------

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 Read Vehicle Wide DTC and...

File Edit View Favorites Tools Help

Parking Assist Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	3GTU2MEC7GG
Diagnostic Data Identifier	b01
Subscriber ID	PCSISTN#25
Date Programmed	Tuesday, March 1, 2016
XML Configuration Compatibility Identifier	7
XML Data File Part Number	23491493
XML Data File Alpha Code	AA
Module Diagnostic Address	BB
Manufacturer's Traceability Number	8316056000000370
End Model Part Number	23410250
Base Model Part Number	23181790
Software Module 1 Identifier	23410248
Software Module 2 Identifier	23506300
Software Part Number	23410248
Calibration Part Number 2	23506300
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 - Data Dictionary 1 Version	080302
GMLAN Identification Data - GMLAN Kernel 1 Version	911
GMLAN Identification Data - Bus 2 Type	
GMLAN Identification Data - GMLAN Kernel 2 Version	
GMLAN Identification Data - Data Dictionary 2 Version	

No DTCs Stored

Add to favorites... Ctrl+D
 Add to Favorites bar
 Add current tabs to favorites...
 Import and export...
 Organize favorites...

GDS 2

Module Diagnostics

Vehicle Diagnostics

System Diagnostics

Session Manager

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra

MDI:

12.2 V

GDS 2

[K20] Engine Control Module

[K103] Fuel Injector Control Module

[K38] Chassis Control Module

[K34] Glow Plug Control Module

Hybrid Powertrain Control Module

Hybrid Powertrain Control Module 2

[K71] Transmission Control Module

[K44] Power Take-Off Control Module

[K69] Transfer Case Control Module

[K14] Distance Sensing Cruise Control Module

[K17] Electronic Brake Control Module

[K83] Parking Brake Control Module

[K43] Power Steering Control Module

[B219] Steering Wheel Angle Sensor Module

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G

2016,GMC,Sierra,Module Diagnostics

MD

12.2 V

GDS 2

[B219] Steering Wheel Angle Sensor Module

[K19] Suspension Control Module

[K9] Body Control Module

[K36] Inflatable Restraint Sensing and Diagnostic Module

[K85] Passenger Presence Module

[P16] Instrument Cluster

[A22] Radio Controls

[A26] HVAC Controls

[A11] Radio

[T3] Amplifier

[A33] Media Disc Player

[K74] Human Machine Interface Control Module

[K73] Telematics Communication Interface Control Module

[K33] HVAC Control Module

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics

MDI:

12.2 V

GDS 2

[K50] Inhabitable Restraint Sensing and Diagnostic Module

[K85] Passenger Presence Module

[P16] Instrument Cluster

[A22] Radio Controls

[A26] HVAC Controls

[A11] Radio

[T3] Amplifier

[A33] Media Disc Player

[K74] Human Machine Interface Control Module

[K73] Telematics Communication Interface Control Module

[K33] HVAC Control Module

[K40D] Seat Memory Control Module - Driver

[K4] Assist Step Control Module

[K182] Parking Assist Control Module

[K109] Frontview Camera Module

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics

MDI:

12.2 V

GDS 2

[K69] Transfer Case Control Module

[K14] Distance Sensing Cruise Control Module

[K17] Electronic Brake Control Module

[K83] Parking Brake Control Module

[K43] Power Steering Control Module

[B219] Steering Wheel Angle Sensor Module

[K19] Suspension Control Module

[K9] Body Control Module

[K36] Inflatable Restraint Sensing and Diagnostic Module

[K85] Passenger Presence Module

[P16] Instrument Cluster

[A22] Radio Controls

[A26] HVAC Controls

[A11] Radio

[T3] Amplifier

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics

MDI:

12.2 V

GDS 2

Diagnostic Trouble Codes (DTC)

Identification Information

Data Display

Control Functions

Configuration/Reset Functions

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Inflatable Restraint Sensing and Diagnostic Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300 GM Global v2018.11.0 VIN: 3GTU2MEC7G02016, GMC, Sierra, Module Diagnostics/Inflatable Restraint Sensing and Diagnostic Module MDI: 12.2 V

GDS 2

 DTC Display

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration



Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Inflatable Restraint Sensing and Diagnostic Module

D... (DTCs)

 Back

 Contact Us

 Home

 Vehicle Menu

 Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics/Inflatable Restraint Sensing and Diagnostic Module,Diagnost...

MDI:

12.2 V







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

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v 20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Inflatable Restraint Sensing and Diagnostic Module,Diagnost...

12.2 V



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:36:01 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG
Report Creation Date	2018-12-20 12:36:01 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:35:47 EST

Control Module Name	Control Module Status	DTC Count	DLC Pin
Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1

No DTCs Stored

GDS 2

Diagnostic Trouble Codes (DTC)

Identification Information

Data Display

Control Functions

Configuration/Reset Functions

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Inflatable Restraint Sensing and Diagnostic Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

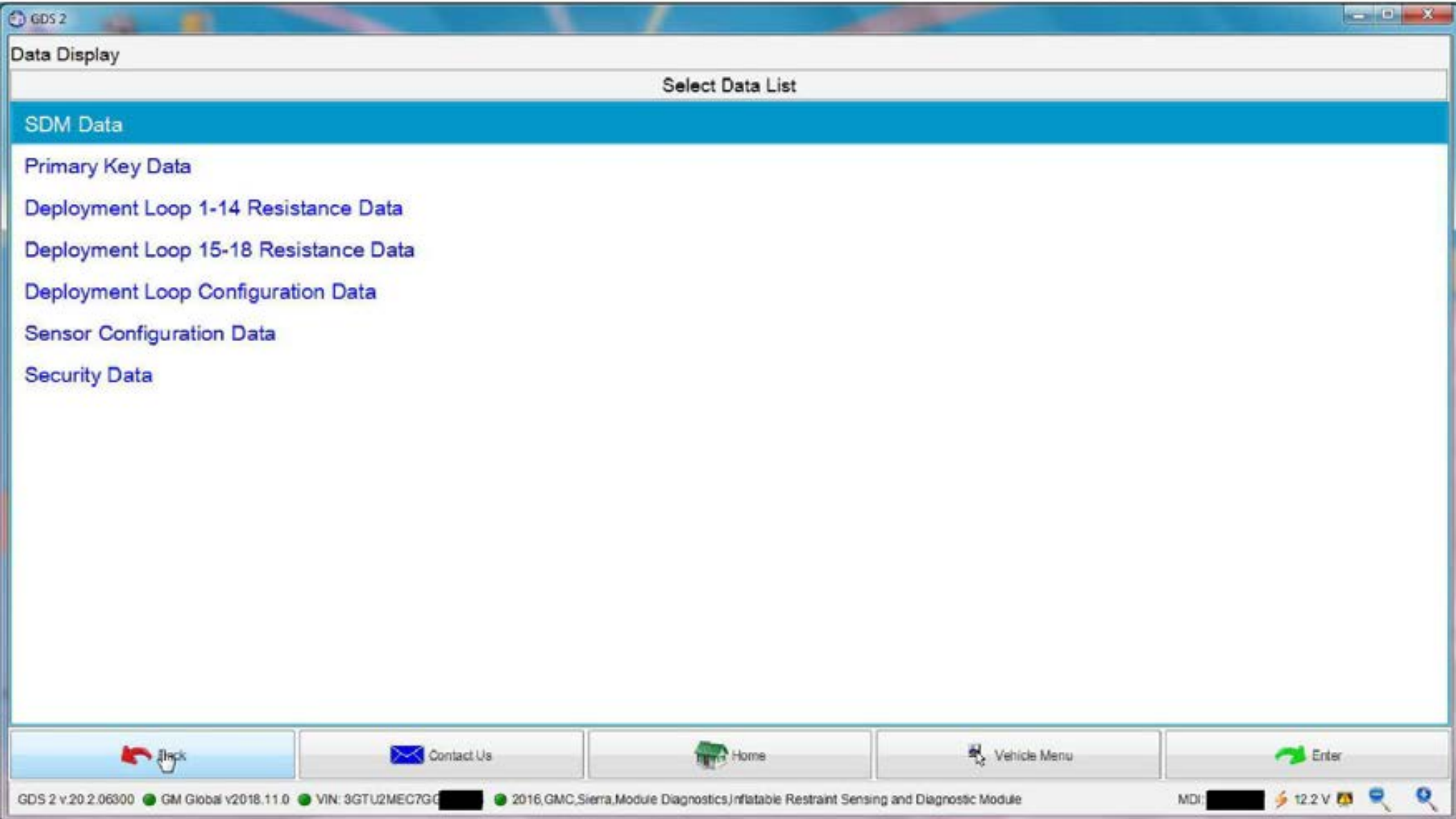
GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics/Inflatable Restraint Sensing and Diagnostic Module

MDI:

12.2 V



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 Multifunction Indicator	Off		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	Enabled		Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor	Rearward		Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status	Unbuckled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator	On		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	Enabled		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	On		Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator	Off		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status	Enabled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status	Occupied		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status	Disabled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status	Occupied		Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification	Occupant Type 6		Inflatable Restraint Sensing and Diagnostic Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics/Inflatable Restraint Sensing and Diagnostic Module

MDI:

12.2 V

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 Belt Status	Unbuckled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator	On		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	Enabled		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	On		Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator	Off		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status	Enabled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status	Occupied		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status	Disabled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status	Occupied		Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification	Occupant Type 6		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
Rollover Protection Disable Switch	801	Ohm	Inflatable Restraint Sensing and Diagnostic Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics/Inflatable Restraint Sensing and Diagnostic Module

MDI:

12.2 V



Global Diagnostic System 2

Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:37:23 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 Data Display

File Edit View Favorites Tools Help

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:37:05 EST

Add to favorites... Ctrl+D
 Add to Favorites bar
 Add current tabs to favorites...
 Import and export...
 Organize favorites...

SDM Data

Control Module	Parameter Name	Value	Unit
Inflatable Restraint Sensing and Diagnostic Module	Air Bag Malfunction Indicator	Off	
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	Enabled	
Inflatable Restraint Sensing and Diagnostic Module	Driver Seat Position Sensor	Rearward	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Seat Belt Status	Unbuckled	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Seat Belt Reminder Indicator	On	
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	Enabled	
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	On	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Air Bag Off Indicator	Off	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Presence System Enable Status	Enabled	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Presence Module Seat Occupancy Status	Occupied	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Presence Sensor Enable Status	Disabled	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Presence Sensor Seat Occupancy Status	Occupied	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Classification	Occupant Type 6	
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	

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2		Data Display
File Edit View Favorites Tools Help		
Vehicle Session Creation Date	2018-12-20 12:27:30	
Test Start Time	2018-12-20 12:37:05 EST	

SDM Data

Control Module	Parameter Name	Value	Unit
Inflatable Restraint Sensing and Diagnostic Module	Air Bag Malfunction Indicator	Off	
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	Enabled	
Inflatable Restraint Sensing and Diagnostic Module	Driver Seat Position Sensor	Rearward	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Seat Belt Status	Unbuckled	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Seat Belt Reminder Indicator	On	
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	Enabled	
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	On	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Air Bag Off Indicator	Off	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Presence System Enable Status	Enabled	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Presence Module Seat Occupancy Status	Occupied	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Presence Sensor Enable Status	Disabled	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Presence Sensor Seat Occupancy Status	Occupied	
Inflatable Restraint Sensing and Diagnostic Module	Passenger Classification	Occupant Type 6	
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	Rollover Protection Disable Switch	801	Ohm

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 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	Enabled		Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor	Rearward		Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status	Unbuckled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator	On		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	Enabled		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	On		Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator	Off		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status	Enabled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status	Occupied		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status	Disabled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status	Occupied		Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification	Occupant Type 6		Inflatable Restraint Sensing and Diagnostic Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics/Inflatable Restraint Sensing and Diagnostic Module

MDI

12.2 V

 Add Bookmark

SOM Data



Parameter Name	Value	Unit	Control Module
Air Bag Malfunction Indicator	Off		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	Enabled		Inflatable Restraint Sensing and Diagnostic Module
Driver Seat Position Sensor	Rearward		Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Status	Unbuckled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Seat Belt Reminder Indicator	On		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	Enabled		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	On		Inflatable Restraint Sensing and Diagnostic Module
Passenger Air Bag Off Indicator	Off		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence System Enable Status	Enabled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Module Seat Occupancy Status	Occupied		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Enable Status	Disabled		Inflatable Restraint Sensing and Diagnostic Module
Passenger Presence Sensor Seat Occupancy Status	Occupied		Inflatable Restraint Sensing and Diagnostic Module
Passenger Classification	Occupant Type 6		Inflatable Restraint Sensing and Diagnostic Module

GDS 2

[K20] Engine Control Module

[K103] Fuel Injector Control Module

[K38] Chassis Control Module

[K34] Glow Plug Control Module

Hybrid Powertrain Control Module

Hybrid Powertrain Control Module 2

[K71] Transmission Control Module

[K44] Power Take-Off Control Module

[K69] Transfer Case Control Module

[K14] Distance Sensing Cruise Control Module

[K17] Electronic Brake Control Module

[K83] Parking Brake Control Module

[K43] Power Steering Control Module

[B219] Steering Wheel Angle Sensor Module

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics

MDI:

12.2 V

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	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Engine Control Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

GDS 2

DTC Display

Specific DTC

Diagnostic Test Status: This Ignition Cycle

Diagnostic Test Status: Since DTC Clear

Freeze Frame/Failure Records

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property

Value

Value Source

Engine Identifier

5.3L (L8B)

User

Telematics Commu...

10

Control Module

Transmission Type

Automatic Transmi...

User

Passenger Presen...

Passenger Presen...

Control Module

Transfer Case Con...

Transfer Case, Tw...

Control Module

HVAC Control Mod...

Auto Control Dual ...

User

Chassis Control M...

0401

Control Module

Radio Type

Uplevel (IO4 IO5 IO6)

User

Seat Memory Contr...

Not Equipped

User

Headlamp Type

Light Emitting Dio...

User

Navigation Path

Module Diagnostics

Engine Control Module

D... .. (DTC)

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module,Diagnostic Trouble Codes (DTC)

MDI:

12.2 V

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 20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7GC

2016,GMC,Sierra,Module Diagnostics.Engine Control Module,Diagnostic Trouble Codes (DTC)

MDI:

12.2 V



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:40:48 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG
Report Creation Date	2018-12-20 12:40:48 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI:
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:40:41 EST

Control Module Name	Control Module Status	DTC Count	DLC Pin
Engine Control Module	No DTCs Stored	0	6,14

No DTCs Stored

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...

GDS 2

 DTC Display

 Specific DTC

 Diagnostic Test Status: This Ignition Cycle

 Diagnostic Test Status: Since DTC Clear

 Freeze Frame/Failure Records

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration



Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Engine Control Module

D... (DTC)

 Back

 Contact Us

 Home

 Vehicle Menu

 Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module,Diagnostic Trouble Codes (DTC)

MDI:

12.2 V

No Freeze Frame/Failure Records



Back



Contact Us



Home



Vehicle Menu



Enter

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	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presen...	Passenger Presen...	Control Module
Transfer Case Con...	Transfer Case, Tw...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Dio...	User

Navigation Path

Module Diagnostics

Engine Control Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

GDS 2

Data Display

Select Data List

Engine Data

Automatic Transmission Data

CMP Actuator Data

Engine Cooling and HVAC Data

Combustion Control System Data

Cruise Control, PTO and Traction Control Data

Cylinder Deactivation Data

Electrical and Immobilizer Data

Engine Mechanical Data

Engine Position Data

Engine Speed Control Data

EVAP Data

Exhaust Aftertreatment Data

Fuel Injector Data

Fuel System Data

 Back

 Contact Us

 Home

 Vehicle Menu

 Enter

GDS 2 v.20.2.06300

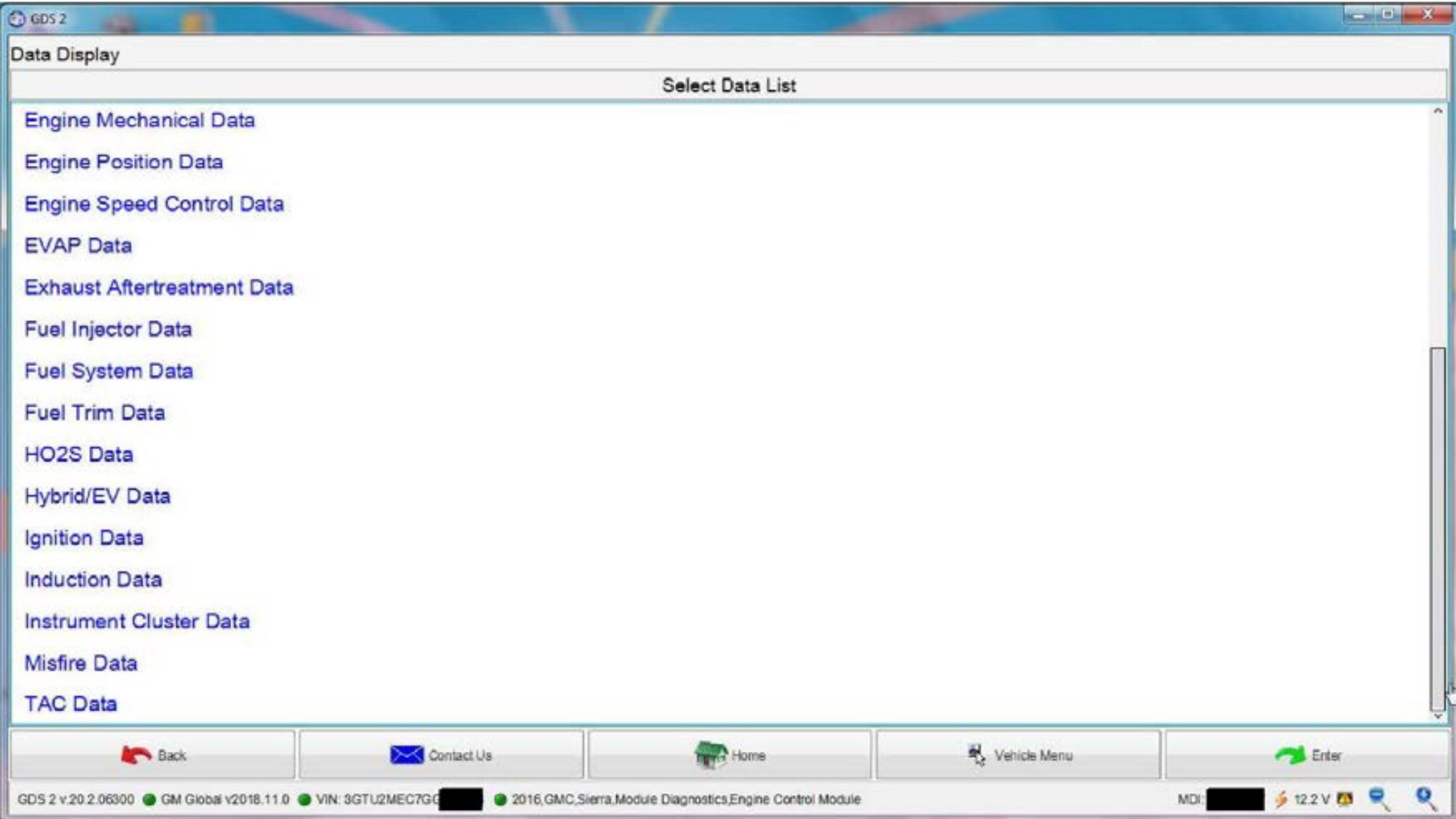
GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V



GDS 2

Data Display

Select Data List

Engine Mechanical Data

Engine Position Data

Engine Speed Control Data

EVAP Data

Exhaust Aftertreatment Data

Fuel Injector Data

Fuel System Data

Fuel Trim Data

HO2S Data

Hybrid/EV Data

Ignition Data

Induction Data

Instrument Cluster Data

Misfire Data

TAC Data

 Back

 Contact Us

 Home

 Vehicle Menu

 Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

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	32	%	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	1.00	V	Engine Control Module
APP Sensor 2	0.49	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	1.00	V	Engine Control Module
APP Sensor 2 Learned Released Position	0.49	V	Engine 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	3.39	V	Engine Control Module
Throttle Position Sensor 2	1.61	V	Engine Control Module
Throttle Position Sensor 1 Position	29	%	Engine Control Module
Throttle Position Sensor 2 Position	29	%	Engine Control Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

TAC Data



Parameter Name	Value	Unit	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	0.49	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
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
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



Back



Contact Us



Home



Vehicle Menu



Enter

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
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
Brake Pedal Position Circuit Signal	Released		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Engine Speed	0	RPM	Engine Control Module
Desired Idle Speed	1200	RPM	Engine Control Module
ECT Sensor	19	°C	Engine Control Module
IAT Sensor 1	27	°C	Engine Control Module
Calculated Air Flow	0.00	g/s	Engine Control Module
MAF Sensor	0.00	g/s	Engine Control Module
MAP Sensor	100.0	kPa	Engine Control Module
Engine Load	0.0	%	Engine Control Module
Ignition 1 Signal	12.10	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

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
Calculated Air Flow	0.00	g/s	Engine Control Module
MAF Sensor	0.00	g/s	Engine Control Module
MAP Sensor	100.0	kPa	Engine Control Module
Engine Load	0.0	%	Engine Control Module
Ignition 1 Signal	12.13	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 Operation	Not Allowed		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	None		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 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V



Global Diagnostic System 2

Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:42:42 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2
Data Display

File Edit View Favorites Tools Help

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:41:56 EST

Add to favorites... Ctrl+D
Add to Favorites bar
Add current tabs to favorites...
Import and export...
Organize favorites...

TAC Data

Control Module	Parameter Name	Value	Unit
Engine 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	32	%
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	1.00	V
Engine Control Module	APP Sensor 2	0.49	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	1.00	V
Engine Control Module	APP Sensor 2 Learned Released Position	0.49	V
Engine 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	3.39	V
Engine Control Module	Throttle Position Sensor 2	1.61	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	0.49	V
Engine Control Module	Throttle Position Sensor 2 Learned Minimum	0.49	V

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2

Data Display

FileEditViewFavoritesToolsHelp

Engine Control Module	Throttle Position Sensor 1		
Engine Control Module	Throttle Position Sensor 2		
Engine Control Module	Throttle Position Sensor 1 Position		
Engine Control Module	Throttle Position Sensor 2 Position		
Engine Control Module	Throttle Position Sensor 1 Learned Minimum		
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	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	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	Brake Pedal Position Circuit Signal	Released	
Engine Control Module	Brake Pedal Position Sensor Signal	Released	
Engine Control Module	Engine Speed	0	RPM

Add to favorites...Ctrl+D

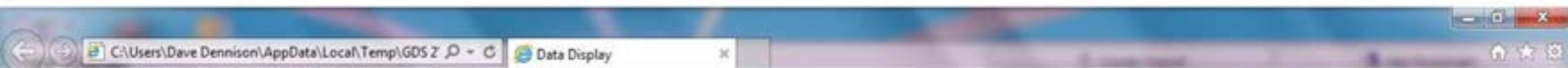
Add to Favorites bar

Add current tabs to favorites...

Import and export...

Organize favorites...

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...



File	Edit	View	Favorites	Tools	Help
Engine Control Module	Brake Pedal Position Circuit Signal	Released			
Engine Control Module	Brake Pedal Position Sensor Signal	Released			
Engine Control Module	Engine Speed	0	RPM		
Engine Control Module	Desired Idle Speed	1200	RPM		
Engine Control Module	ECT Sensor	19	°C		
Engine Control Module	IAT Sensor 1	27	°C		
Engine Control Module	Calculated Air Flow	0.00	g/s		
Engine Control Module	MAF Sensor	0.00	g/s		
Engine Control Module	MAP Sensor	100.0	kPa		
Engine Control Module	Engine Load	0.0	%		
Engine Control Module	Ignition 1 Signal	12.13	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 Operation	Not Allowed			
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	None			
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			

Control Module Name	Control Module Status	DTC Count	DLC Pin
Engine Control Module	No DTCs Stored	0	6,14

No DTCs Stored

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	32	%	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	1.00	V	Engine Control Module
APP Sensor 2	0.49	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	1.00	V	Engine Control Module
APP Sensor 2 Learned Released Position	0.49	V	Engine 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	3.38	V	Engine Control Module
Throttle Position Sensor 2	1.81	V	Engine Control Module
Throttle Position Sensor 1 Position	29	%	Engine Control Module
Throttle Position Sensor 2 Position	29	%	Engine Control Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

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	50	%	Engine Control Module
APP Sensors	51	%	Engine Control Module
Desired Throttle Position	32	%	Engine Control Module
Throttle Position	32	%	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	2.49	V	Engine Control Module
APP Sensor 2	1.23	V	Engine Control Module
APP Sensor 1 Position	51	%	Engine Control Module
APP Sensor 2 Position	51	%	Engine Control Module
APP Sensor 1 Learned Released Position	1.00	V	Engine Control Module
APP Sensor 2 Learned Released Position	0.49	V	Engine 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	3.31	V	Engine Control Module
Throttle Position Sensor 2	1.89	V	Engine Control Module
Throttle Position Sensor 1 Position	32	%	Engine Control Module
Throttle Position Sensor 2 Position	32	%	Engine Control Module

Back

Contact Us

Homes

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

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	32	%	Engine Control Module
Throttle Position	32	%	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	4.25	V	Engine Control Module
APP Sensor 2	2.12	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	1.00	V	Engine Control Module
APP Sensor 2 Learned Released Position	0.49	V	Engine 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	3.31	V	Engine Control Module
Throttle Position Sensor 2	1.89	V	Engine Control Module
Throttle Position Sensor 1 Position	32	%	Engine Control Module
Throttle Position Sensor 2 Position	32	%	Engine Control Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

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 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
Brake Pedal Position Circuit Signal	Released		Engine Control Module
Brake Pedal Position Sensor Signal	Released	Released	Engine Control Module
Engine Speed	0	RPM	Engine Control Module
Desired Idle Speed	1200	RPM	Engine Control Module
ECT Sensor	19	°C	Engine Control Module
IAT Sensor 1	28	°C	Engine Control Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

GDS 2

Data Display

Create ReportAdd Bookmark

Diagnostic Data DisplayGraphical Data DisplayLine GraphDTC Display

TAC Data

Parameter Name	Value	Unit	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
Brake Pedal Position Circuit Signal	Applied		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Engine Speed	0	RPM	Engine Control Module
Desired Idle Speed	1200	RPM	Engine Control Module
ECT Sensor	19	°C	Engine Control Module
IAT Sensor 1	28	°C	Engine Control Module

Back

Contact Us

Home

Vehicle Menu

Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

GDS 2

Data Display

Select Data List

Engine Data

Automatic Transmission Data

CMP Actuator Data

Engine Cooling and HVAC Data

Combustion Control System Data

Cruise Control, PTO and Traction Control Data

Cylinder Deactivation Data

Electrical and Immobilizer Data

Engine Mechanical Data

Engine Position Data

Engine Speed Control Data

EVAP Data

Exhaust Aftertreatment Data

Fuel Injector Data

Fuel System Data

 Back

 Contact Us

 Home

 Vehicle Menu

 Enter

GDS 2 v.20.2.06300

GM Global v2018.11.0

VIN: 3GTU2MEC7G0

2016,GMC,Sierra,Module Diagnostics,Engine Control Module

MDI:

12.2 V

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	0	RPM	Engine Control Module
Desired Idle Speed	1200	RPM	Engine Control Module
ECT Sensor	19	°C	Engine Control Module
IAT Sensor 1	28	°C	Engine Control Module
IAT Sensor 2	30	°C	Engine Control Module
Ambient Air Temperature	6	°C	Engine Control Module
Cold Start-Up	Yes		Engine Control Module
MAF Sensor	0.00	g/s	Engine Control Module
Engine Load	0.0	%	Engine Control Module
Accelerator Pedal Position	0	%	Engine Control Module
Throttle Position	30	%	Engine Control Module
MAP Sensor	100.0	kPa	Engine Control Module
MAP Sensor	3.90	V	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.88	V	Engine Control Module
Calculated BARO	100	kPa	Engine Control Module
Air/Fuel Equivalence Ratio Command	0.26		Engine Control Module
Fuel Control Loop Status	Open		Engine Control Module
Injector Duty Cycle Bank 1	0.00	ms	Engine Control Module
Injector Duty Cycle Bank 2	0.00	ms	Engine Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
HO2S Bank 1 Sensor 1	1.90	V	Engine Control Module
HO2S Bank 1 Sensor 2	1.90	V	Engine Control Module
HO2S Bank 2 Sensor 1	1.89	V	Engine Control Module
HO2S Bank 2 Sensor 2	1.90	V	Engine Control Module
Short Term Fuel Trim Bank 1	0	%	Engine Control Module
Short Term Fuel Trim Bank 2	0	%	Engine Control Module
Long Term Fuel Trim Bank 1	5	%	Engine Control Module
Long Term Fuel Trim Bank 2	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	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	0.01	in. H2O	Engine Control Module
Remaining Fuel in Tank	10.2	%	Engine Control Module
Ignition Timing	0.0	°	Engine Control Module
Power Mode	Run		Engine Control Module
Ignition 1 Signal	12.08	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

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 Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	12.1	V	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
MIL Command	On		Engine Control Module
MIL Requested by DTC	No		Engine Control Module
MIL Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
MIL Control Circuit Open Test Status	Not Run		Engine Control Module
MIL Control Circuit High Voltage Test Status	OK		Engine Control Module
Cruise Control	Disabled		Engine Control Module
Fuel Pressure Sensor	44.1	kPa	Engine Control Module
Fuel Alcohol Content	11	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	0	%	Engine Control Module
Fuel Pump Enable Command	Off		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
A/C Compressor Clutch Relay Command	Off		Engine Control Module
Engine Oil Pressure	0.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	96	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Motor Command	On		Engine Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Regulator High Control Circuit Command	0	%	Engine Control Module
Fuel Pump Enable Command	Off		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
A/C Compressor Clutch Relay Command	Off		Engine Control Module
Engine Oil Pressure	0.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	96	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	Off		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	OK		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module
Warm-Ups Since DTC Cleared	113	Counts	Engine Control Module
Warm-Ups without Emission Malfunctions	113	Counts	Engine Control Module
Warm-Ups without Non-Emission Malfunctions	113	Counts	Engine Control Module
Distance Since DTC Cleared	6630	km	Engine Control Module
Engine Run Time	00:00:00		Engine Control Module



Back



Contact Us



Home



Vehicle Menu



Enter



Global Diagnostic System 2

Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:51:07 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 Data Display

File Edit View Favorites Tools Help

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:50:13 EST

Add to favorites... Ctrl+D
 Add to Favorites bar
 Add current tabs to favorites...
 Import and export...
 Organize favorites...

Engine Data

Control Module	Parameter Name	Value	Unit
Engine Control Module	Engine Speed	0	RPM
Engine Control Module	Desired Idle Speed	1200	RPM
Engine Control Module	ECT Sensor	18	°C
Engine Control Module	IAT Sensor 1	28	°C
Engine Control Module	IAT Sensor 2	30	°C
Engine Control Module	Ambient Air Temperature	6	°C
Engine Control Module	Cold Start-Up	Yes	
Engine Control Module	MAF Sensor	0.00	g/s
Engine Control Module	Engine Load	0.0	%
Engine Control Module	Accelerator Pedal Position	0	%
Engine Control Module	Throttle Position	30	%
Engine Control Module	MAP Sensor	100.0	kPa
Engine Control Module	MAP Sensor	3.90	V
Engine Control Module	BARO	99.0	kPa
Engine Control Module	BARO Sensor	3.88	V
Engine Control Module	Calculated BARO	100	kPa
Engine Control Module	Air/Fuel Equivalence Ratio Command	0.26	
Engine Control Module	Fuel Control Loop Status	Open	
Engine Control Module	Injector Duty Cycle Bank 1	0.00	ms
Engine Control Module	Injector Duty Cycle Bank 2	0.00	ms
Engine Control Module	HO2S Bank 1 Sensor 1	1.00	V

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 -

Data Display

File

Edit

View

Favorites

Tools

Help

Engine Control Module	HO2S Bank 1 Sensor 1		
Engine Control Module	HO2S Bank 1 Sensor 2		
Engine Control Module	HO2S Bank 2 Sensor 1		
Engine Control Module	HO2S Bank 2 Sensor 2		
Engine Control Module	Short Term Fuel Trim Bank 1		
Engine Control Module	Short Term Fuel Trim Bank 2	0	%
Engine Control Module	Long Term Fuel Trim Bank 1	5	%
Engine Control Module	Long Term Fuel Trim Bank 2	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	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	0.01	in. H2O
Engine Control Module	Remaining Fuel in Tank	10.2	%
Engine Control Module	Ignition Timing	0.0	°
Engine Control Module	Power Mode	Run	
Engine Control Module	Ignition 1 Signal	12.10	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	12.1	V
Engine Control Module	Reduced Engine Power History	None	
Engine Control Module	MIL Command	On	
Engine Control Module	MIL Requested by DTC	No	
Engine Control Module	MIL Control Circuit Low Voltage Test Status	Not Run	
Engine Control Module	MIL Control Circuit Open Test Status	Not Run	
Engine Control Module	MIL Control Circuit High Voltage Test Status	OK	
Engine Control Module	Cruise Control	Disabled	

Add to favorites...

Ctrl+D

Add to Favorites bar

Add current tabs to favorites...

Import and export...

Organize favorites...

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2
Data Display

File Edit View Favorites Tools Help

Engine Control Module	MIL Control Circuit Open Test Status		
Engine Control Module	MIL Control Circuit High Voltage Test Status		
Engine Control Module	Cruise Control		
Engine Control Module	Fuel Pressure Sensor		
Engine Control Module	Fuel Alcohol Content		
Engine Control Module	Fuel Pressure Regulator High Control Circuit Command	0	%
Engine Control Module	Fuel Pump Enable Command	Off	
Engine Control Module	Park/Neutral Position Switch	Park/Neutral	
Engine Control Module	Brake Pedal Position Sensor Signal	Released	
Engine Control Module	A/C Compressor Clutch Relay Command	Off	
Engine Control Module	Engine Oil Pressure	0.00	kPa
Engine Control Module	Engine Oil Level Switch	OK	
Engine Control Module	Engine Oil Pressure Switch	OK	
Engine Control Module	Engine Oil Absolute Pressure Sensor	96	kPa
Engine Control Module	Engine Oil Pressure Control Solenoid Valve Command	Off	
Engine Control Module	Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	OK	
Engine Control Module	Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	OK	
Engine Control Module	Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	Not Run	
Engine Control Module	Engine Oil Pressure Control Test Counter	0	Counts
Engine Control Module	Vehicle Speed Sensor	0	km/h
Engine Control Module	Warm-Ups Since DTC Cleared	113	Counts
Engine Control Module	Warm-Ups without Emission Malfunctions	113	Counts
Engine Control Module	Warm-Ups without Non-Emission Malfunctions	113	Counts
Engine Control Module	Distance Since DTC Cleared	6630	km
Engine Control Module	Engine Run Time	00:00:00	

Add to favorites... Ctrl+D
Add to Favorites bar
Add current tabs to favorites...
Import and export...
Organize favorites...

Control Module Name	Control Module Status	DTC Count	DLC Pin
Engine Control Module	No DTCs Stored	0	6,14

No DTCs Stored

Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
HO2S Bank 2 Sensor 2	1.90	V	Engine Control Module
Short Term Fuel Trim Bank 1	0	%	Engine Control Module
Short Term Fuel Trim Bank 2	0	%	Engine Control Module
Long Term Fuel Trim Bank 1	5	%	Engine Control Module
Long Term Fuel Trim Bank 2	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	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	0.01	in. H2O	Engine Control Module
Remaining Fuel in Tank	10.2	%	Engine Control Module
Ignition Timing	0.0	°	Engine Control Module
Power Mode	Run		Engine Control Module
Ignition 1 Signal	12.10	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	12.1	V	Engine Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
HO2S Bank 2 Sensor 2	1.90	V	Engine Control Module
Short Term Fuel Trim Bank 1	0	%	Engine Control Module
Short Term Fuel Trim Bank 2	0	%	Engine Control Module
Long Term Fuel Trim Bank 1	5	%	Engine Control Module
Long Term Fuel Trim Bank 2	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	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	0.01	in. H2O	Engine Control Module
Remaining Fuel in Tank	10.2	%	Engine Control Module
Ignition Timing	0.0	°	Engine Control Module
Power Mode	Accessory		Engine Control Module
Ignition 1 Signal	0.00	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	Off		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	0.3	V	Engine Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
HO2S Bank 2 Sensor 2	1.90	V	Engine Control Module
Short Term Fuel Trim Bank 1	0	%	Engine Control Module
Short Term Fuel Trim Bank 2	0	%	Engine Control Module
Long Term Fuel Trim Bank 1	5	%	Engine Control Module
Long Term Fuel Trim Bank 2	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	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	10.2	%	Engine Control Module
Ignition Timing	0.0	°	Engine Control Module
Power Mode	Off		Engine Control Module
Ignition 1 Signal	0.00	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	Off		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	0.3	V	Engine Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

- [Basket](#)
[Contact Us](#)
[Home](#)

Selected Vehicle Configuration

Navigation Path

Vehicle Menu Enter

- Identification Information
- Data Display
- Control Functions
- Configuration/Reset Functions

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Module Diagnostics
Chassis Control Module

Enter

- 

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Navigation Path

Module Diagnostics

Chassis Control Module

Diagnostic Trouble Codes (DTC)

 [Contact Us](#) Vehicle Menu Enter

DTC Display

Create Report

Add Bookmark

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
	Chassis 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



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:54:44 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG
Report Creation Date	2018-12-20 12:54:44 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:54:37 EST

Control Module Name	Control Module Status	DTC Count	DLC Pin
Chassis Control Module	No DTCs Stored	0	6,14

No DTCs Stored

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...

- Freeze Frame/Failure Records

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Module Diagnostics
Chassis Control Module
Diagnostic Trouble Codes (DTC)



Enter

No Freeze Frame/Failure Records



Back



Contact Us



Home



Vehicle Menu



Enter

 Identification Information

Control Functions

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Navigation Path
Module Diagnostics
Chassis Control Module

Module Diagnostics

Chassis Control Module



Enter

Select Data List

Active Grille Air Shutter Data

Automatic Level Control Data

Exhaust Flow Control Valve Data

Engine Mount Data

Fuel System Data

Trailer Brake Control Data

Transmission Cooling Fan Data

Rear Axle Disable Data

Differential Lock Data



Back



Contact Us



Home



Vehicle Menu



Enter

Select Data List

Active Grille Air Shutter Data
Automatic Level Control Data
Exhaust Flow Control Valve Data
Engine Mount Data
Fuel System Data
Trailer Brake Control Data
Transmission Cooling Fan Data
Rear Axle Disable Data
Differential Lock Data



Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Vehicle Speed	0	km/h	Chassis Control Module
Trailer Brake Sensitivity Switch	89	%	Chassis Control Module
Manual Trailer Brake Apply Request Signal 1	12	%	Chassis Control Module
Manual Trailer Brake Apply Request Signal 2	89	%	Chassis Control Module
Deviation Between Manual Trailer Brake Apply Request Signal 1 and 2	1	%	Chassis Control Module
Trailer Brake Sensitivity	100	%	Chassis Control Module
ABS Active Signal	OK		Chassis Control Module
Wheel Speed Signal	OK		Chassis Control Module
Brake Request from EBCM	OK		Chassis Control Module
Brake Pressure Signal	OK		Chassis Control Module
Automatic Braking Active Signal	OK		Chassis Control Module
Automatic Braking Torque Signal	OK		Chassis Control Module
Vehicle Stability Enhancement System Signal	OK		Chassis Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	Okay		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	12.2	V	Chassis Control Module
Trailer Brake Control Output Circuit	9.0	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

 Add Bookmark

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Automatic Braking Active Signal	OK		Chassis Control Module
Automatic Braking Torque Signal	OK		Chassis Control Module
Vehicle Stability Enhancement System Signal	OK		Chassis Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	Okay		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	12.2	V	Chassis Control Module
Trailer Brake Control Output Circuit	9.0	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module
Trailer Brake Automatic Control State	Normal		Chassis Control Module
Automatic Brake Request from EBCM	No		Chassis Control Module
Automatic Brake Control Gain Request from EBCM	0	%	Chassis Control Module
Antilock Braking System	Inactive		Chassis Control Module
Driver Initiated Brake Event	Not Detected		Chassis Control Module
Stop Lamp Signal	Not Requested		Chassis Control Module
Automatic Braking Event	Not Detected		Chassis Control Module
Trailer Brake Power Control Module	Energized		Chassis Control Module
Automatic Braking Torque	0	N·m	Chassis Control Module
Brake Master Cylinder Pressure Sensor	0	kPa	Chassis Control Module





Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:56:23 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)



System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:55:46 EST

Trailer Brake Control Data

Control Module	Parameter Name	Value	Unit
Chassis Control Module	Vehicle Speed	0	km/h
Chassis Control Module	Trailer Brake Sensitivity Switch	89	%
Chassis Control Module	Manual Trailer Brake Apply Request Signal 1	12	%
Chassis Control Module	Manual Trailer Brake Apply Request Signal 2	89	%
Chassis Control Module	Deviation Between Manual Trailer Brake Apply Request Signal 1 and 2	1	%
Chassis Control Module	Trailer Brake Sensitivity	100	%
Chassis Control Module	ABS Active Signal	OK	
Chassis Control Module	Wheel Speed Signal	OK	
Chassis Control Module	Brake Request from EBCM	OK	
Chassis Control Module	Brake Pressure Signal	OK	
Chassis Control Module	Automatic Braking Active Signal	OK	
Chassis Control Module	Automatic Braking Torque Signal	OK	
Chassis Control Module	Vehicle Stability Enhancement System Signal	OK	
Chassis Control Module	Trailer Brake Type	Undefined	
Chassis Control Module	Induced Voltage by Trailer Brake Coil	0.0	V
Chassis Control Module	Trailer Brake Control Output Circuit	Okay	
Chassis Control Module	Trailer Brake Control Duty Cycle	0	%
Chassis Control Module	Trailer Brake Power Control Module Battery Voltage	12.2	V
Chassis Control Module	Trailer Brake Control Output Circuit	9.0	V
Chassis Control Module	Desired Trailer Brake Control Duty Cycle	7	%
Chassis Control Module	Trailer Brake Automatic Control State	Normal	

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2 - Data Display			
File	Edit	View	Favorites Tools Help
Chassis Control Module	Trailer Brake Sensitivity		
Chassis Control Module	ABS Active Signal		
Chassis Control Module	Wheel Speed Signal		
Chassis Control Module	Brake Request from EBCM		
Chassis Control Module	Brake Pressure Signal		
Chassis Control Module	Automatic Braking Active Signal	OK	
Chassis Control Module	Automatic Braking Torque Signal	OK	
Chassis Control Module	Vehicle Stability Enhancement System Signal	OK	
Chassis Control Module	Trailer Brake Type	Undefined	
Chassis Control Module	Induced Voltage by Trailer Brake Coil	0.0	V
Chassis Control Module	Trailer Brake Control Output Circuit	Okay	
Chassis Control Module	Trailer Brake Control Duty Cycle	0	%
Chassis Control Module	Trailer Brake Power Control Module Battery Voltage	12.2	V
Chassis Control Module	Trailer Brake Control Output Circuit	9.0	V
Chassis Control Module	Desired Trailer Brake Control Duty Cycle	7	%
Chassis Control Module	Trailer Brake Automatic Control State	Normal	
Chassis Control Module	Automatic Brake Request from EBCM	No	
Chassis Control Module	Automatic Brake Control Gain Request from EBCM	0	%
Chassis Control Module	Antilock Braking System	Inactive	
Chassis Control Module	Driver Initiated Brake Event	Not Detected	
Chassis Control Module	Stop Lamp Signal	Not Requested	
Chassis Control Module	Automatic Braking Event	Not Detected	
Chassis Control Module	Trailer Brake Power Control Module	Energized	
Chassis Control Module	Automatic Braking Torque	0	N·m
Chassis Control Module	Brake Master Cylinder Pressure Sensor	0	kPa
Control Module Name		Control Module Status	DTC Count
Chassis Control Module		No DTCs Stored	0
			DLC Pin
			6,14
No DTCs Stored			

- [K20] Engine Control Module
- [K103] Fuel Injector Control Module
- [K38] Chassis Control Module
- [K34] Glow Plug Control Module
- Hybrid Powertrain Control Module**
- Hybrid Powertrain Control Module 2
- [K71] Transmission Control Module
- [K44] Power Take-Off Control Module
- [K69] Transfer Case Control Module
- [K14] Distance Sensing Cruise Control Module
- [K17] Electronic Brake Control Module
- [K83] Parking Brake Control Module
- [K43] Power Steering Control Module
- [B219] Steering Wheel Angle Sensor Module
- [K19] Suspension Control Module

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration



Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Navigation Path

Module Diagnostics



Back



Contact Us



Home



Vehicle Menu



Enter

Inspection/Maintenance System Information

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Module Diagnostics



 Freeze Frame/Failure Records.

MDI [REDACTED] 12.2 V [REDACTED] [REDACTED] [REDACTED]

DTC Display

Create Report

Add Bookmark

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
	Hybrid Powertrain Control Module	No Communication		6,14

Control Module	DTC	Symptom Byte	Description	Symptom Description	Status

Category	Decoded Value

Clear DTCs

Refresh

Back

Contact Us

Home

Vehicle Menu

Enter



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:57:40 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED] 8
Report Creation Date	2018-12-20 12:57:40 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:57:31 EST

Control Module Name	Control Module Status	DTC Count	DLC Pin
Hybrid Powertrain Control Module	No Communication	0	6,14

No DTCs Stored

- The image shows a completely blank white rectangular area. This central area is enclosed within a thin black border. Surrounding the entire composition is a wide, solid blue border. There are no markings, text, or illustrations on the white surface.

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Module Diagnostics
Hybrid Powertrain Control Module
Diagnostic Trouble Codes (DTC)

Enter

No Communication With Vehicle

Hybrid Powertrain Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

- 
- Data Display

Selected Vehicle Configuration 

Navigation Path
Module Diagnostics
Hybrid Powertrain Control Module

Select Data List

14V Power Module

[Automatic Transmission Data](#)[Autostart/Autostop](#)[Brake Pedal Position Data](#)[Drive Motor Control Module Data](#)[Engine Data](#)[Hybrid/EV Data](#)

Back



Contact Us



Home



Vehicle Menu



Enter

Select Data List

[14V Power Module](#)[Automatic Transmission Data](#)[Autostart/Autostop](#)[Brake Pedal Position Data](#)[Drive Motor Control Module Data](#)[Engine Data](#)[Hybrid/EV Data](#)[Contact Us](#)[Home](#)[Vehicle Menu](#)[Enter](#)

No Communication With Vehicle

Hybrid Powertrain Control Module



Back



Contact Us



Home



Vehicle Menu



Enter

- [K20] Engine Control Module
- [K103] Fuel Injector Control Module
- [K38] Chassis Control Module
- [K34] Glow Plug Control Module
- Hybrid Powertrain Control Module
- Hybrid Powertrain Control Module 2
- [K71] Transmission Control Module
- [K44] Power Take-Off Control Module
- [K69] Transfer Case Control Module
- [K14] Distance Sensing Cruise Control Module
- [K17] Electronic Brake Control Module**
- [K83] Parking Brake Control Module
- [K43] Power Steering Control Module
- [B219] Steering Wheel Angle Sensor Module
- [K19] Suspension Control Module

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration



Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Navigation Path

Module Diagnostics



Back



Contact Us



Home



Vehicle Menu



Enter

- Identification Information
- Data Display
- Control Functions
- Configuration/Reset Functions

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Module Diagnostics

Electronic Brake Control Module

Enter

 Freeze Frame/Failure Records

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Module Diagnostics
Electronic Brake Control Module
Diagnostic Trouble Codes (DTC)

Enter

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

Back

Contact Us

Home

Vehicle Menu

Enter



Global Diagnostic System 2

DTC Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 12:59:30 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG
Report Creation Date	2018-12-20 12:59:30 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 12:59:22 EST

Control Module Name	Control Module Status	DTC Count	DLC Pin
Electronic Brake Control Module	No DTCs Stored	0	6,14

No DTCs Stored

- Add to favorites... Ctrl+D
- Add to Favorites bar
- Add current tabs to favorites...
- Import and export...
- Organize favorites...

 Freeze Frame/Failure Records

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Module Diagnostics
Electronic Brake Control Module
Diagnostic Trouble Codes (DTC)

Enter

Freeze Frame/Failure Records

Create Report

Add Bookmark

Freeze Frame Failure Records

Freeze Frame/Failure Records	DTC	Symptom Byte	Description	Symptom Description
Freeze Frame	P0000	00	Unknown DTC	---

Parameter Name	Value	Unit	Control Module
Ignition Cycles Since Last DTC	0	Counts	Electronic Brake Control Module
Number of Times DTC has Occurred Since DTCs Cleared	255	Counts	Electronic Brake Control Module
Secondary Code of DTC	0		Electronic Brake Control Module
Antilock Braking System Status	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System	Inactive		Electronic Brake Control Module
Dynamic Rear Proportioning Status	Inactive		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

 Refresh Back Contact Us Home Vehicle Menu Enter



Global Diagnostic System 2

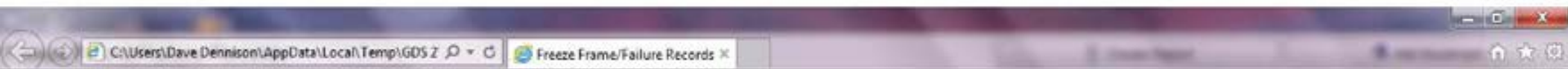
Freeze Frame/Failure Records

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG
Report Creation Date	2018-12-20 13:00:26 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)



HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

System Information Property

VCI Serial Number	MDI. [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 13:00:12 EST

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
Freeze Frame	P0000	00	Unknown DTC	- - -
Parameter Name	Control Module	Value	Unit	
Ignition Cycles Since Last DTC	Electronic Brake Control Module	0	Counts	
Number of Times DTC has Occurred Since DTCs Cleared	Electronic Brake Control Module	255	Counts	
Secondary Code of DTC	Electronic Brake Control Module	0		
Antilock Braking System Status	Electronic Brake Control Module	Inactive		
Traction Control System Status	Electronic Brake Control Module	Inactive		
Vehicle Stability System	Electronic Brake Control Module	Inactive		
Dynamic Rear Proportioning Status	Electronic Brake Control Module	Inactive		
Left Front Wheel Speed Sensor	Electronic Brake Control Module	0	km/h	
Right Front Wheel Speed Sensor	Electronic Brake Control Module	0	km/h	
Left Rear Wheel Speed Sensor	Electronic Brake Control Module	0	km/h	
Right Rear Wheel Speed Sensor	Electronic Brake Control Module	0	km/h	
Steering Wheel Angle	Electronic Brake Control Module	11	°	
Brake Pressure Sensor	Electronic Brake Control Module	0	kPa	
Brake Pedal Position Sensor	Electronic Brake Control Module	Inactive		
Lateral Acceleration	Electronic Brake Control Module	0	g	
Longitudinal Acceleration	Electronic Brake Control Module	-0	g	
Yaw Rate	Electronic Brake Control Module	0	°/s	

 Identification Information

Control Functions

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Property	Value	Value Source
Engine Identifier	5.3L (L8B)	User
Telematics Commu...	10	Control Module
Transmission Type	Automatic Transmi...	User
Passenger Presenc...	Passenger Presenc...	Control Module
Transfer Case Cont...	Transfer Case, Two...	Control Module
HVAC Control Mod...	Auto Control Dual ...	User
Chassis Control M...	0401	Control Module
Radio Type	Uplevel (IO4 IO5 IO6)	User
Seat Memory Contr...	Not Equipped	User
Headlamp Type	Light Emitting Diod...	User

Module Diagnostics
Electronic Brake Control Module

 [Contact Us](#) Home Vehicle Menu

Enter

Select Data List

[Antilock Braking Data](#)[Solenoid Valve Data](#)[Adaptive Pressure Control Data](#)

Back



Contact Us



Home



Vehicle Menu



Enter

Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph

Antilock Braking Data



Parameter Name	Value	Unit	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	0	m/s²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	-9.8	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	38	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module
Traction Control System	OK		Electronic Brake Control Module
Vehicle Stability System	OK		Electronic Brake Control Module
Panic Brake Assist Status	OK		Electronic Brake Control Module
Dynamic Rear Proportioning Status	OK		Electronic Brake Control Module
Brake Booster Vacuum Sensor Supply	4.96	V	Electronic Brake Control Module
Brake Booster Vacuum Sensor	-1	kPa	Electronic Brake Control Module



Back



Contact Us



Home



Vehicle Menu



Enter



Global Diagnostic System 2

Data Display

Overview

Vehicle Identification Number (VIN)	3GTU2MEC7GG [REDACTED]
Report Creation Date	2018-12-20 13:01:54 EST

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2016
Headlamp Type	Light Emitting Diode (T4L)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L8B)

C:\Users\Dave Dennison\AppData\Local\Temp\GDS Z Data Display

File Edit View Favorites Tools Help

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-12-20 12:27:56
Test Start Time	2018-12-20 13:01:36 EST

Add to favorites... Ctrl+D
 Add to Favorites bar
 Add current tabs to favorites...
 Import and export...
 Organize favorites...

Antilock Braking Data

Control Module	Parameter Name	Value	Unit
Electronic Brake Control Module	System Voltage	12.27	V
Electronic Brake Control Module	ABS Pump Motor Voltage	0.00	V
Electronic Brake Control Module	Brake Pressure Sensor	2314	kPa
Electronic Brake Control Module	Brake Pressure Sensor	0.51	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	0	m/s ²
Electronic Brake Control Module	Yaw Rate Signal	0	°/s
Electronic Brake Control Module	Steering Wheel Angle	-9.8	°
Electronic Brake Control Module	Requested Torque	27	%
Electronic Brake Control Module	Delivered Torque	38	%
Electronic Brake Control Module	Brake Pedal Position Sensor	Inactive	
Electronic Brake Control Module	Traction Control System Status	Inactive	
Electronic Brake Control Module	Vehicle Stability System Status	Inactive	
Electronic Brake Control Module	Brake Fluid Level Sensor	OK	
Electronic Brake Control Module	Antilock Braking System	OK	
Electronic Brake Control Module	Traction Control System	OK	
Electronic Brake Control Module	Vehicle Stability System	OK	
Electronic Brake Control Module	Panic Brake Assist Status	OK	

C:\Users\Dave Dennison\AppData\Local\Temp\GDS 2		Data Display
File Edit View Favorites Tools Help		
Vehicle Session Creation Date	2018-12-20 12:27:50	
Test Start Time	2018-12-20 13:01:36 EST	

Antilock Braking Data

Control Module	Parameter Name	Value	Unit
Electronic Brake Control Module	System Voltage	12.27	V
Electronic Brake Control Module	ABS Pump Motor Voltage	0.00	V
Electronic Brake Control Module	Brake Pressure Sensor	2314	kPa
Electronic Brake Control Module	Brake Pressure Sensor	0.51	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	0	m/s ²
Electronic Brake Control Module	Yaw Rate Signal	0	°/s
Electronic Brake Control Module	Steering Wheel Angle	-9.8	°
Electronic Brake Control Module	Requested Torque	27	%
Electronic Brake Control Module	Delivered Torque	38	%
Electronic Brake Control Module	Brake Pedal Position Sensor	Inactive	
Electronic Brake Control Module	Traction Control System Status	Inactive	
Electronic Brake Control Module	Vehicle Stability System Status	Inactive	
Electronic Brake Control Module	Brake Fluid Level Sensor	OK	
Electronic Brake Control Module	Antilock Braking System	OK	
Electronic Brake Control Module	Traction Control System	OK	
Electronic Brake Control Module	Vehicle Stability System	OK	
Electronic Brake Control Module	Panic Brake Assist Status	OK	
Electronic Brake Control Module	Dynamic Rear Proportioning Status	OK	
Electronic Brake Control Module	Brake Booster Vacuum Sensor Supply	4.96	V
Electronic Brake Control Module	Brake Booster Vacuum Sensor	-1	kPa