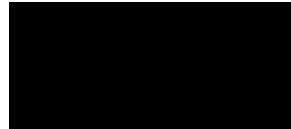


PE18-012

GM

3-27-2019

Q3





Service Request Activities – UCC PAR

Report Date: Wednesday, May 9, 2018

Page 1 of 6

Marlon

Service Request Detail

SR No.	[REDACTED]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	CCC - CAC Tier 1
Address				Approval	Not Initiated	Area	Complaint Vehicle - Operable
City		Zip	State	UCC	Brakes - General	Sub-Area	Initial Failure/Repair
Last Name	[REDACTED]	First Name	[REDACTED]	Involved Dir	Classic Chevrolet, Inc.	Safety	Yes
Daytime #	[REDACTED]	Evening #	[REDACTED]	Source	Phone	Updated	05/08/2018 09:20:57
Serial/VIN #	1GNSKCKC0GR [REDACTED]	Mileage	22309	Priority	Medium License #	Owner	KZ0YMN
Model	Tahoe	Model Year	2016	Status	Open	Opened	May 8, 2018 8:40 AM
Make	Chevrolet	Warranty Start	05/19/2016 00:00:00	Sub Status		Closed	
Cust Concern	Product Allegation						

Customer Description

Product

Insurance	License	Vehicle Type	Signature	# Driver 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, May 9, 2018

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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, May 9, 2018

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vehicle are on stop while her foot is on brakes suddenly the vehicle move and continue to accelerate and next thing they know they hit the vehicle in front of them. They had to take the vehicle to the dealership at Classic Chevrolet but the person they hit need medical attention Halley Marcasol was the driver of the vehicle in front of them stating that she's hurting her neck. Customer main concern was get rid of the vehicle because of safety issue.

5. Where is the vehicle currently located? (Dealer, tow yard, customer home, other):

Classic Chevrolet in Grapevine

6. Was an insurance claim filed?: Yes

7. Has the vehicle been repaired?: No

8. Did anyone seek professional medical attention? Yes

If Yes: Who was hurt?

Name: Halley Marcasol

Seat position: driver

Nature of injury: neck hurting

9. Did the part concern/allegation cause damage to anything outside the vehicle?

If Yes: What was damaged? (Building, house, wall, other) the other vehicle in front of them

10. Why are you Escalating this to PAC or ESIS? Medical attention/ product allegation

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
May 8, 2018 8:42 AM	KZ0YMN	KZ0YMN	Outbound Call	Made Contact	Done	05/08/2018 09:21:22	call the customer

Last Name

█

First Name

█

Account

BAC Code

Comments

Update to Mr. and Mrs. Milt need as per items this is not the only instance that they have issue w/ the vehicle and as per customer they feel that it is unsafe to resume to drive.

Customer said the first instance was her husband will park the vehicle at some place and he press the broke but did not kick in and he almost hit a truck in front of him.

Last week they had incident happen at east bound halt in Johnson corner of south service road in halt Johnson, as per customer both of their vehicle are on stop while her foot is on brakes suddenly the vehicle move and continue to accelerate and next thing they know they hit the vehicle in front of them. They had to take the vehicle to the dealership at Classic Chevrolet but the person they hit need medical attention Halley Marcasol was the driver of the vehicle in front of them stating that she's hurting her neck. Customer main concern was get rid of the vehicle because of safety issue.

Expectation:

Inform customer that base on the situation I will need to get your case endorse to our Central claims.



Service Request Activities – UCC PAR

Report Date: Wednesday, May 9, 2018

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LJ/CAC/T1/Mnl

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
May 8, 2018 8:42 AM	KZ0YMN	KZ0YMN	Inbound Call Customer Account	Complex Request	Done	05/08/2018 09:07:30	Product allegation / Brake failure

Last Name	First Name	BAC Code
█	█	

Comments

Name: Diane Birman (Classic Chevrolet) SM
BNTC: 8174106120

Reason:

SM wants to file a claim for a customer that has product issue.

SM state that the customer has accident and as per customer they press the brakes but the vehicle continue to accelerate reason why they hit another vehicle in front of them.

Expectation:

Apologized, inform customer that I will create SR and will call the customer back to gather more information. Provide the SR number to SM.

LJ/CAC/T1/Mnl

Confidential Comments

UCC Information

UCC Code	Description	Symptom
H01	Brakes - General	Brake Fade

End of Report



Service Request Activities – UCC PAR

Report Date: Wednesday, May 9, 2018

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Service Request Activities – UCC PAR

Report Date: Wednesday, May 9, 2018

Page 1 of 4

Service Request Detail

SR No.	██████████	Ref No.		Cost Ast.		BRC Type	N/A
Account	Classic Chevrolet, Inc.	Site/BAC	112 █████	GW SubType		Business Unit	TAC US
Address	Po Box 1717			Approval	Not Initiated	Area	Brakes
City	Grapevine	Zip	760991717	State	TX	Sub-Area	Hydraulic Brakes
Last Name	Nunez	First Name	Andy	Involved Dir		Safety	
Daytime #		Evening #		Source	Phone	Updated	04/10/2018 03:52:38
Serial/VIN #	1GNSKCKC0GR █████	Mileage	21441	Priority	Consultant	License #	
Model	Tahoe	Model Year	2016	Status	Closed	Opened	Mar 28, 2018 10:27 AM
Make	Chevrolet	Warranty Start	05/19/2016 00:00:00	Sub Status	System Auto Close	Closed	Apr 10, 2018 3:52 AM
Cust Concern	will not stop when reversing loud grinding noise when braking						
Customer Description	NO CODES						

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#
Driver Last Name	Driver First Name	Height	DOB	Disabilities				
Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency					



Service Request Activities – UCC PAR

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

PAR Detail

Collision	Non Collision	Property Damage	Thermal Event	Spec Equip	
Vehicle Speed		Weather Condition		Prop Owner	Property Type
Last Service Date		Loc Last Service		Property Location	Prop Est Repair Cost
Veh Est Repair Cost		Spec Equip Installer		Prop Damage Description	



Service Request Activities – UCC PAR

Report Date: Wednesday, May 9, 2018

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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
Apr 10, 2018 3:52 AM	SADMIN	SYSCLOSE	SR Closed - System Auto Close		Done	04/10/2018 03:52:38	Service Request has been Closed System Auto Close.
Last Name		First Name		Account		BAC Code	
Nunez		Andy		Classic Chevrolet, Inc.		112 [REDACTED]	
Comments							
Confidential Comments							
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Mar 28, 2018 10:40 AM	ZZTBKJ	ZZTBKJ	TAC Inbound Call	Diagnostics	Done	03/28/2018 10:41:00	.
Last Name		First Name		Account		BAC Code	
Nunez		Andy		Classic Chevrolet, Inc.		112 [REDACTED]	
Comments							
Caller's Full Name: Andy Nunez tech							
Customer Concern: will not stop when reversing loud grinding noise when braking							
1 Number of times in for the same concern?							
2 Number of days down?							
n Does the vehicle have any aftermarket modifications?							



Service Request Activities – UCC PAR

y Is the vehicle currently at the Dealer?
 n Is the vehicle a Stock unit?
 n Have any SI document been utilized (Capture Doc ID)?
 y Has the concern been duplicated?

 n Is the concern intermittent (Y/N) (Complete below section if Y) and Provide dealer with Bulletin 01-00-89-010 DOC [REDACTED]
 Has Data been captured during concern?

Caller states (Results of Previous Repair Attempts, SI docs, DTCs, Verified? etc.):
 When the vehicle is hot and he is in reverse, the brake pedal gets hard
 Feels like an abs activation
 No codes
 Calling for help
 When asked, tech applied the brake pedal multiple times and lost assist when parked

Advised caller (your suggestions, info source, etc.):
 Check pit5361 for a concern
 If nothing is found, inspect the O-ring between the master and booster
 If all is ok, replace the vac pump and reevaluate

Confidential Comments

UCC Information

UCC Code	Description	Symptom
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End of Report



Service Request Activities – UCC PAR

Report Date: Wednesday, May 9, 2018

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Service Request Detail

SR No.	[REDACTED]	Ref No.		Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account		Site/BAC		GW SubType		Business Unit	Infotainment Customer Support
Address				Approval	Not Initiated	Area	MyLink
City		Zip	State	UCC	Electrical Radio - Navigation System	Sub-Area	Navigation
Last Name	[REDACTED]	First Name	[REDACTED]	Involved Dir		Safety	
Daytime #	[REDACTED]	Evening #	[REDACTED]	Source	Phone	Updated	04/13/2018 12:32:32
Serial/VIN #	1GNSKCKC0GR [REDACTED]	Mileage		Priority	Medium License #	Owner	KZHNL9
Model	Tahoe	Model Year	2016	Status	Closed	Opened	Apr 13, 2018 12:27 AM
Make	Chevrolet	Warranty Start	05/19/2016 00:00:00	Sub Status	Pend Diag/Cust Act	Closed	Apr 13, 2018 12:32 AM
Cust Concern	IO6 - MyLink /Nav :: Issue :: Navigation :: GPS / Compass :: Unresolved						
Customer Description							

Pre-Par

PAR Notifier	Incident Date/Time	Injuries	# Other Veh	# People in Veh	Road Surface	Road Cond	Fire Report#	Police Report#
Driver Last Name	Driver First Name	Height	DOB	Disabilities				
Insurance Agent Last Name	Insurance Agent First Name	Phone #	Insurance Agency					



Service Request Activities – UCC PAR

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

PAR Detail

Collision	Non Collision	Property Damage	Thermal Event	Spec Equip	
Vehicle Speed		Weather Condition		Prop Owner	Property Type
Last Service Date		Loc Last Service		Property Location	Prop Est Repair Cost
Veh Est Repair Cost		Spec Equip Installer		Prop Damage Description	



Service Request Activities – UCC PAR

Report Date: Wednesday, May 9, 2018

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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
Apr 13, 2018 12:32 AM	KZHNL9	KZHNL9	SR Closed - Pend Diag/Cust Act		Done	04/13/2018 12:32:31	Service Request has been Closed Pend Diag/Cust Act.
Last Name		First Name		Account		BAC Code	
█		█					
Comments							
Confidential Comments							
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Apr 13, 2018 12:31 AM	KZHNL9	KZHNL9	Inbound Call Customer	Complex Request	Done	04/13/2018 12:32:28	Talked to: █ Phone █
Last Name		First Name		Account		BAC Code	
█		█					
Comments							
Inbound Call							
AT-AT tool used:: No ::							
VIN: 1GNSKCKC0GR █							
Talked to: █							
Phone: █							



Service Request Activities – UCC PAR

Address: Not Required to Gather

E-Mail: [Redacted]

Mileage: Not Required to Gather

Inbound call Notes:

Main Concern:

-GPS saying off road

==GPS red line

Interaction Summary:

-Advised a dealer

-denied Assistance

-Cust had no further question

Lauryn.Morrison-ICS-ATX

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Apr 13, 2018 12:29 AM	KZHNL9	KZHNL9	Email - Outbound		Done	04/13/2018 12:29:17	Chevrolet Infotainment Customer Support

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

Comments

Dear Mrs. Hall,

Thank you for contacting the Chevrolet Infotainment Customer Support group. We appreciate you taking time out of your day to reach out to us today.

The information I advised to send you is below

Your Service Request Number: [Redacted]

My Contact Number: 1-866-790-5700 EXT 5923900

You may contact me at any time. If I'm not available, please leave me a voicemail and I will return your call as soon as I can.

If you cannot reach me and wish to speak to an Infotainment Agent immediately, our department is always available to you Monday through Saturday from 8am-10pm EST by dialing 855-478-7767.

Thank you again for contacting us and have a great day.



Service Request Activities – UCC PAR

Infotainment Specialist

Confidential Comments

UCC Information

UCC Code	Description	Symptom
R58	Electrical Radio - Navigation System	No Symptom Indicated

End of Report

Detroit, MI




CARFAX Vehicle History Report™

An independent company established in 1996

US \$39.99

Vehicle Information:
2016 CHEVROLET TAHOE LTZ
 VIN: 1GNSKCKC0GR
 4 DOOR WAGON/SPORT UTILITY
 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 other damage reported to CARFAX
	CARFAX 1-Owner vehicle
	1 Service history record
	Corporate vehicle
	21,441 Last reported odometer reading



This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 5/9/18 at 8:15:45 AM (EDT). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.


CARFAX Ownership History	Owner 1
<i>The number of owners is estimated</i>	
Year purchased	2016
Type of owner	Corporate
Estimated length of ownership	1 yr. 10 mo.
Owned in the following states/provinces	Texas
Estimated miles driven per year	12,247/yr
Last reported odometer reading	21,441

CARFAX Title History	Owner 1
<i>CARFAX guarantees the information in this section</i>	
Salvage Junk Rebuilt Fire Flood Hail Lemon	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	


CARFAX Additional History	Owner 1
<i>Not all accidents / issues are reported to CARFAX</i>	
Total Loss No total loss reported to CARFAX.	 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 Recalls

No open recalls reported to CARFAX. Check for open recalls on GM vehicles at recalls.gm.com.

 No Recalls Reported

CARFAX Detailed History Glossary

Owner 1	Date:	Mileage:	Source:	Comments:
Purchased: 2016 Type: Corporate Where: Texas Est. miles/year: 12,247/yr Est. length owned: 6/25/16 - present (1 yr, 10 mo.)			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
Low mileage! This owner drove less than the industry average of 15,000 miles per year. 	11/30/2015		Classic Chevrolet Grapevine, TX 817-421-1200 classicchevrolet.com	Vehicle offered for sale
	06/25/2016	100	Texas Motor Vehicle Dept. Colleyville, TX Title #22033742536250004	Title issued or updated First owner reported Titled or registered as corporate vehicle Loan or lien reported Vehicle color noted as Silver
	03/26/2018	21,441	Classic Chevrolet Grapevine, TX 817-421-1200 classicchevrolet.com	Vehicle serviced



Avoid financial headaches. Make sure the [loan](#) has been paid off if you're buying from a private seller.

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

CARFAX Glossary View Full Glossary

First Owner

When the first owner(s) obtains a title from a Department of Motor Vehicles as proof of ownership.

Ownership History

CARFAX defines an owner as an individual or business that possesses and uses a vehicle. Not all title transactions represent changes in ownership. To provide estimated number of owners, CARFAX proprietary technology analyzes all the events in a vehicle history. Estimated ownership is available for vehicles manufactured after 1991 and titled solely in the US including Puerto Rico. Dealers sometimes opt to take ownership of a vehicle and are required to in the following states: Maine, Massachusetts, New Jersey, Ohio, Oklahoma, Pennsylvania and South Dakota. Please consider this as you review a vehicle's estimated ownership history.

Title Issued

A state issues a title to provide a vehicle owner with proof of ownership. Each title has a unique number. Each title or registration record on a CARFAX report does not necessarily indicate a change in ownership. In Canada, a registration and bill of sale are used as proof of ownership.

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Covered by United States Patent Nos. 7,113,853; 7,778,841; 7,596,512; 8,600,823; 8,595,079; 8,606,648; 7,505,838.

5/9/18 8:15:45 AM (EDT)

CDR File Information

User Entered VIN	1GNSKCKC0GR [REDACTED]
User	PHILLIP NOTTINGHAM
Case Number	[REDACTED]
EDR Data Imaging Date	06/01/2018
Crash Date	04/26/2018
Filename	1GNSKCKC0GR [REDACTED].ACM.CDRX
Saved on	Friday, June 1 2018 at 13:45:33
Imaged with CDR version	Crash Data Retrieval Tool 17.6.1
Imaged with Software Licensed to (Company Name)	ESIS - General Motors
Reported with CDR version	Crash Data Retrieval Tool 17.6.1
Reported with Software Licensed to (Company Name)	ESIS - General Motors
EDR Device Type	Airbag Control Module
Event(s) recovered	NONE

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

Data Limitations

Recorded Crash Events:

There are two types of recorded crash events for Front, Side, and Rear (FSR) Events. The first is the Non-Deployment Event. A Non-Deployment Event records data but does not deploy the air bag(s). The minimum SDM Recorded Vehicle Velocity Change, that is needed to record a Non-Deployment Event, is five MPH [8 km/h]. A Non-Deployment Event contains Pre-Crash and Crash data. The oldest Non-Deployment event can be overwritten by a Deployment Event, if all three records are full and the Non-Deployment Event is not locked. A Non-Deployment Event can be overwritten by a more recent Non-Deployment Event if all three records are full and the Non-Deployment is older than approximately 250 ignition cycles. Also, a Non-Deployment event can be recorded if one of the following occurs without the Deployment of any of the frontal air bags, side air bags, or roll bars:

- Pretensioner(s) only Deployment
- Head Rest Deployment
- Battery Cut-Off Deployment

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM. Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events. The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment 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.
- Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
- SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
 - Significant changes in the tire's rolling radius
 - Final drive axle ratio changes
 - Wheel lockup and wheel slip
- Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
- Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
- Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
 - The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
- Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
 - No data is received from the module sending the pre-crash data
- For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
- Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
- The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
- Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
- Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
- Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
- For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
- Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop 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.
- 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_r015

Event Data General (part one)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DPID \$32 Bytes 2-3	\$0D90	Ignition Cycle, Download (Ignition Cycles at Investigation)	3472	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	\$5034393135443 13332	ESS # 1 Traceability Data, Traceability Number	P4915D132	
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	\$5034383135373 74330	ESS # 2 Traceability Data, Traceability Number	P481577C0	
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	\$4132324544433 03037	ESS # 3 Traceability Data, Traceability Number	A22EDC007	
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	\$4143423645433 43037	ESS # 4 Traceability Data, Traceability Number	ACB6EC407	
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	\$4131354631423 53037	ESS # 5 Traceability Data, Traceability Number	A15F1B507	
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	\$4130323831453 83037	ESS #6 Traceability Data, Traceability Number	A0281E807	
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	
DID \$0D Bytes 7-15	\$4130303030303 03030	ESS # 7 Traceability Data, Traceability Number	A00000000	
DID \$0F Bytes 0-1	\$0100	ESS # 8 Traceability Data, Component Identifier	??	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$0F Bytes 2-5	\$30303030	ESS # 8 Traceability Data, Part Number/Broadcast Code	0000	
DID \$0F Byte 6	\$44	ESS # 8 Traceability Data, Supplier Code	D	
DID \$0F Bytes 7-15	\$4130303030303 03030	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	\$31	Vehicle Identification Number (VIN) Digit 1	1	
DID \$90 Byte 1	\$47	Vehicle Identification Number (VIN) Digit 2	G	
DID \$90 Byte 2	\$4E	Vehicle Identification Number (VIN) Digit 3	N	
DID \$90 Byte 3	\$53	Vehicle Identification Number (VIN) Digit 4	S	
DID \$90 Byte 4	\$4B	Vehicle Identification Number (VIN) Digit 5	K	
DID \$90 Byte 5	\$43	Vehicle Identification Number (VIN) Digit 6	C	
DID \$90 Byte 6	\$4B	Vehicle Identification Number (VIN) Digit 7	K	
DID \$90 Byte 7	\$43	Vehicle Identification Number (VIN) Digit 8	C	
DID \$90 Byte 8	\$30	Vehicle Identification Number (VIN) Digit 9	0	
DID \$90 Byte 9	\$47	Vehicle Identification Number (VIN) Digit 10	G	
DID \$90 Byte 10	\$52	Vehicle Identification Number (VIN) Digit 11	R	
DID \$90 Byte 11	\$32	Vehicle Identification Number (VIN) Digit 12		
DID \$90 Byte12	\$32	Vehicle Identification Number (VIN) Digit 13		
DID \$90 Byte 13	\$38	Vehicle Identification Number (VIN) Digit 14		
DID \$90 Byte 14	\$37	Vehicle Identification Number (VIN) Digit 15		
DID \$90 Byte 15	\$35	Vehicle Identification Number (VIN) Digit 16		
DID \$90 Byte 16	\$32	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	\$32	Manufacturing Traceability Data, ShiftID	2	
DID \$B4 Bytes 2-3	\$3135	Manufacturing Traceability Data, Year	15	
DID \$B4 Bytes 4-6	\$333231	Manufacturing Traceability Data, DayOfTheYear	321	
DID \$B4 Bytes 7-15	\$3339304C37554 C3030	Manufacturing Traceability Data, Serial/Lot/BatchNumber	390L7UL00	
DID \$C1 Bytes 0-3	\$00CE44D6	Software Module Identifier 1	00CE44D6	
DID \$C2 Bytes 0-3	\$05051749	Software Module Identifier 2	05051749	
DID \$C3 Bytes 0-3	\$01621D42	Software Module Identifier 3	01621D42	
DID \$CB Bytes 0-3	\$00CF6F2D	End Model Part Number	00CF6F2D	

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	1GNSKCKC0GR [REDACTED]
User	PHILLIP NOTTINGHAM
Case Number	[REDACTED]
EDR Data Imaging Date	06/01/2018
Crash Date	04/26/2018
Filename	1GNSKCKC0GR [REDACTED].ACM.CDRX
Saved on	Friday, June 1 2018 at 13:45:33
Imaged with CDR version	Crash Data Retrieval Tool 17.6.1
Imaged with Software Licensed to (Company Name)	ESIS - General Motors
Reported with CDR version	Crash Data Retrieval Tool 17.6.1
Reported with Software Licensed to (Company Name)	ESIS - General Motors
EDR Device Type	Airbag Control Module
Event(s) recovered	NONE

Comments

- DOWNLOADED FROM 2501 William D Tate Ave, Grapevine, TX 76051 (Classic Chevrolet Service near Pre-Owned)
- SIR LAMP: FLASHED ON AND OFF AND REMAINED OFF
- VEHICLE BATTERY STILL POWERING VEHICLE SYSTEMS
- MILEAGE: 22,313
- DLC USED

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.

- Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
- SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
 - Significant changes in the tire's rolling radius
 - Final drive axle ratio changes
 - Wheel lockup and wheel slip
- Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
- Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
- Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
 - The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
- Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
 - No data is received from the module sending the pre-crash data
- For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
- Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
- The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
- Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
- Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
- Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
- For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
- Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop 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.
- 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_r015

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)	1GNSKCKC0GR [REDACTED]
Ignition Cycle, Download (Ignition Cycles at Investigation)	3472
End Model Part Number	00CF6F2D
System Type	N/A
Software Module Identifier 1	00CE44D6
Software Module Identifier 2	05051749
Software Module Identifier 3	01621D42
Manufacturing Traceability Data, LineID	K
Manufacturing Traceability Data, ShiftID	2
Manufacturing Traceability Data, Year	15
Manufacturing Traceability Data, DayOfTheYear	321
Manufacturing Traceability Data, Serial/Lot/BatchNumber	390L7UL00
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	P4915D132
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	P481577C0
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	A22EDC007
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	ACB6EC407
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	A15F1B507
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	A0281E807
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 F2 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
22 27 27 27 27 27 00

DPID \$32
D1 D1 0D 90 00 00 00

DPID \$35
78 00 00 00 00 00 00

DID \$01
41 55 38 36 37 37 44 50 34 39 31 35 44 31 33 32

DID \$03
41 54 38 36 37 37 44 50 34 38 31 35 37 37 43 30

DID \$05
41 48 38 36 37 36 44 41 32 32 45 44 43 30 30 37

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41 4A 38 36 37 36 44 41 43 42 36 45 43 34 30 37

DID \$09
44 41 38 36 37 38 44 41 31 35 46 31 42 35 30 37

DID \$0B
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DID \$0D
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31 47 4E 53 4B 43 4B 43 30 47 52 32 32 38 37 35 32

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DID \$CB
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Global Diagnostic System 2

Read Vehicle Wide DTC and ID Information

Overview

Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Report Creation Date	2018-06-01 13:52:27 CDT

Vehicle Configuration Property

Make	Chevrolet
Model	Tahoe
Model Year	2016
Suspension Control Module Version	Suspension Control Module (Z95)
Chassis Control Module Version	0401
Telematics Communication Interface Control Module Version	10
Seat Memory Control Module Version	051A
HVAC Control Module Type	Auto Control Tri Zone(CJ4)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L83)
Distance Sensing Cruise Control Module	Not Equipped

System Information Property

VCI Serial Number	MDI: [REDACTED]
Vehicle Session Creation Date	2018-06-01 13:51:15
Test Start Time	2018-06-01 13:52:26 CDT

Engine Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
End Model Part Number	12673195
Base Model Part Number	12672527

Software Module 1 Identifier	12672612
Software Module 2 Identifier	12670994
Software Module 3 Identifier	12665611
Software Module 4 Identifier	12666263
Software Module 5 Identifier	12670683
Software Module 6 Identifier	12670661
Software Module 7 Identifier	12653630
Software Module 8 Identifier	12659034

No DTCs Stored

Chassis Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Subscriber ID	PCARSTN#61
Date Programmed	20151129
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

No DTCs Stored

Transmission Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Date Programmed	20151129
Diagnostic Data Identifier	0
End Model Part Number	24270598
Base Model Part Number	24239352
Software Module 1 Identifier	24270599
Software Module 1 Identifier Alpha Code	AA
Software Module 2 Identifier	24274145
Software Module 2 Identifier Alpha Code	AD
Software Module 3 Identifier	24274153
Software Module 3 Identifier Alpha Code	AB

Software Module 4 Identifier	24274155
Software Module 4 Identifier Alpha Code	AB
System Code	0

No DTCs Stored

Transfer Case Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Diagnostic Data Identifier	0306
Software Part Number	84219970
Calibration Part Number	84220009
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)	1GNSKCKC0GR [REDACTED]
Subscriber ID	PCARSTN#61
Date Programmed	Sunday, November 29, 2015
Diagnostic Data Identifier	2B03
XML Configuration Compatibility Identifier	517
XML Data File Part Number	23223281
XML Data File Alpha Code	BA
Previous Subscriber ID	yyyyyyyyyyyy
2nd Previous Subscriber ID	
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	1115312S5FB8005Z
Module Diagnostic Address	28
End Model Part Number	23388972
Base Model Part Number	23388992
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	23389014
Software Module 1 Identifier Alpha Code	DA
Software Module 2 Identifier	23389009
Software Module 2 Identifier Alpha Code	DA
Software Module 3 Identifier	23232482
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
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	PCARSTN#61
Date Programmed	Sunday, November 29, 2015
Diagnostic Data Identifier	901
Manufacturer Enable Counter	0
Module Diagnostic Address	31
Manufacturer's Traceability Number	B315323053101479

Software Module 1 Identifier	23373707
Software Module 2 Identifier	23373737
Software Module 3 Identifier	23341136
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
Boot Software Part Number	23341132

No DTCs Stored

Steering Wheel Angle Sensor Module

Identification Information	Value
Diagnostic Data Identifier	501
Manufacturer's Traceability Number	0115292529200090
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

Suspension Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Subscriber ID	yGNSKCKC0G
Manufacturer Enable Counter	0
Module Diagnostic Address	38
Manufacturer's Traceability Number	F215272000632933
Software Module 1 Identifier	23201895
Software Module 2 Identifier	3416745217
End Model Part Number	2416402945
Base Model Part Number	2416402945
Software Module 1 Identifier Alpha Code	DA
Software Module 2 Identifier Alpha Code	CA
End Model Part Number Alpha Code	00
Base Model Part Number Alpha Code	00

No DTCs Stored**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	84028924
Calibration Part Number 3	23415407
Calibration Part Number 4	23446242
Calibration Part Number 5	23360863
Calibration Part Number 6	23387630
Calibration Part Number 7	23391664
Calibration Part Number 8	84028927
Calibration Part Number 9	23381133
Calibration Part Number 10	23446439
Calibration Part Number 11	84028939
Calibration Part Number 12	23446468
Calibration Part Number 13	23262717
Calibration Part Number 14	23193184
Calibration Part Number 15	23435275
Calibration Part Number 16	13505709
Calibration Part Number 17	13505710
Calibration Part Number 18	13505707
Calibration Part Number 19	13505708
Calibration Part Number 20	84028946
Diagnostic Data Identifier	403
Module Diagnostic Address	40
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Odometer	35911

No DTCs Stored**Inflatable Restraint Sensing and Diagnostic Module**

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
End Model Part Number	13594413
Base Model Part Number	13590221
Manufacturer's Traceability Number	K215321390L7UL00

Inflatable Restraint Sensing and Diagnostic Module Primary Key	9721
Software Part Number	13518038
Calibration Part Number 1	84219721
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

No DTCs Stored

Passenger Presence Module

Identification Information	Value
End Model Part Number	23133680
Base Model Part Number	23133680
Manufacturer's Traceability Number	BR3680S28250LDRT
Software Part Number	23133762
Calibration Part Number 1	23133683

No DTCs Stored

Instrument Cluster

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Odometer	35911
Subscriber ID	PCARSTN#61
Previous Subscriber ID	yyyyyyyyyy
2nd Previous Subscriber ID	
Date Programmed	Sunday, November 29, 2015
Diagnostic Data Identifier	0D84
XML Configuration Compatibility Identifier	16
XML Data File Part Number	84041667
XML Data File Alpha Code	AA
Manufacturer Enable Counter	0
Module Diagnostic Address	60
End Model Part Number	23390928
Base Model Part Number	23390928
Software Module 1 Identifier	23353033
Software Module 2 Identifier	

Software Module 3 Identifier	
Software Module 4 Identifier	
Software Module 5 Identifier	23439116
Software Module 6 Identifier	23439118
Software Module 7 Identifier	23439119
Software Module 8 Identifier	23439123
Software Module 9 Identifier	23439125
Software Module 10 Identifier	23439127
Software Module 12 Identifier	23395439
Software Module 13 Identifier	
Software Module 14 Identifier	
Software Module 15 Identifier	
Software Module 16 Identifier	23395440
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	0D
Calibration Part Number 12	
Manufacturer's Traceability Number	B115321A41277619
Steering Wheel Control Switches Part Number	1156866561
Head-Up Display Part Number	3336135425

No DTCs Stored

Radio Controls

Identification Information	Value
Boot Software Part Number	23118305
Calibration Part Number 1	23118299
Calibration Part Number 2	
Calibration Part Number 3	
End Model Part Number	23251762
Base Model Part Number	23251762

No DTCs Stored

HVAC Controls

Identification Information	Value
Boot Software Part Number	22884787
Calibration Part Number 1	22884785
Calibration Part Number 2	
Calibration Part Number 3	

Diagnostic Data Identifier	FFFF
End Model Part Number	23251607
Base Model Part Number	23251607

No DTCs Stored**Radio**

Identification Information	Value
End Model Part Number	23402903
Boot Software Part Number	287454020
Software Module 1 Identifier	23402911
Software Module 2 Identifier	23406046
Software Module 3 Identifier	23345989
Software Module 4 Identifier	23345993
Software Module 5 Identifier	23177596
Software Module 6 Identifier	23345468
Software Module 7 Identifier	23354449
Software Module 8 Identifier	23177621
Software Module 9 Identifier	23177622
Software Module 10 Identifier	23177634
Software Module 11 Identifier	23177638
Digital Radio Receiver ID	W2VVG3HZ
DVD Region Code	
DVD Region Code Changes Remaining	
Manufacturer Enable Counter	0
VIN Digits 2-17	GNSKCKC0GR [REDACTED]
Diagnostic Data Identifier	B02
Manufacturer's Traceability Number	N215272NM9300880

No DTCs Stored**Amplifier**

Identification Information	Value
Calibration Part Number 1	23461758
Calibration Part Number 10	23461760
End Model Part Number	23364911
Diagnostic Data Identifier	0

No DTCs Stored**Media Disc Player**

Identification Information	Value
Calibration Part Number 1	23395925
Calibration Part Number 2	22982792
End Model Part Number	23395933
Diagnostic Data Identifier	301
System Identification	MELCO0400
Module Diagnostic Address	86

No DTCs Stored

Human Machine Interface Control Module

Identification Information	Value
End Model Part Number	23415899
Boot Software Part Number	23415881
Calibration Part Number 1	23415881
Calibration Part Number 2	23402917
Calibration Part Number 3	23465925
Calibration Part Number 4	23458626
Calibration Part Number 5	23458589
Calibration Part Number 6	23458627
Calibration Part Number 7	23396338
Calibration Part Number 8	23458606
Calibration Part Number 9	23458601
Calibration Part Number 10	23498347
Calibration Part Number 11	23459929
Calibration Part Number 12	23346621
Calibration Part Number 13	23199293
Calibration Part Number 14	23199237
Calibration Part Number 15	23199236
Calibration Part Number 16	0
Calibration Part Number 17	10000002
Calibration Part Number 18	16007370
Calibration Part Number 19	16007362
Control Module Production Date	05.11.2015
Software Freeze Date	17.06.2015
VIN Digits 2-17	GNSKCKC0GR [REDACTED]
Diagnostic Data Identifier	709
Manufacturer Enable Counter	0
Hardware Version	PP 2.00

No DTCs Stored**Telematics Communication Interface Control Module**

Identification Information	Value
Bluetooth	Disabled
End Model Part Number	23399199
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	111811606
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	8901170227104099210
Utility File Part Number	23406250

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status	
B2462	04	Global Positioning System Signal	Open	Current	
				DTC Current Status	Current
B2462	02	Global Positioning System Signal	Short to Ground	DTC History Status	History
				DTC Current Status	Not Current
				DTC History Status	History

HVAC Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Date Programmed	Sunday, November 29, 2015

Diagnostic Data Identifier	50A
End Model Part Number	13506230
Base Model Part Number	13506230
Software Module 1 Identifier	13506225
Software Module 2 Identifier	23179904
Software Module 3 Identifier	23377537

No DTCs Stored

Liftgate Control Module

Identification Information	Value
Diagnostic Data Identifier	0202
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	1215299K21000372
Module Diagnostic Address	A4
End Model Part Number	23281846
Base Model Part Number	23454531
End Model Part Number Alpha Code	A1
Base Model Part Number Alpha Code	A1
Software Module 1 Identifier	23281848
Software Module 1 Identifier Alpha Code	AE
Software Module 2 Identifier	23281854
Software Module 2 Identifier Alpha Code	AH
Software Module 3 Identifier	23248777
Software Module 3 Identifier Alpha Code	AB
Software Module 4 Identifier	22935192
Software Module 4 Identifier Alpha Code	AD
System Code	02

No DTCs Stored

Seat Memory Control Module - Passenger

No Communication

Seat Memory Control Module - Driver

Identification Information	Value
Diagnostic Data Identifier	051A
Module Diagnostic Address	A8
End Model Part Number	13599321
End Model Part Number Alpha Code	RC

Base Model Part Number	13592435
Base Model Part Number Alpha Code	RB
Software Part Number	13599323
Software Part Number Alpha Code	RE
Software Module 2 Identifier	23393443
Software Module 2 Identifier Alpha Code	AC
Subscriber ID	

No DTCs Stored**Keyless Entry Control Module**

Identification Information	Value
End Model Part Number	13599065
Manufacturer's Traceability Number	2215318002300061
Manufacturer Enable Counter	0
Software Part Number	13599068
Calibration Part Number 1	23244680
Calibration Part Number 2	23244684
Subscriber ID	PCARSTN#61
Date Programmed	20151129
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Diagnostic Data Identifier	0301

No DTCs Stored**Assist Step Control Module****No Communication****Left Side Object Detection Control Module**

Identification Information	Value
Manufacturer's Traceability Number	1315282000006957
Manufacturer Enable Counter	0
Module Diagnostic Address	B9
Software Module 1 Identifier	23455666
Software Module 2 Identifier	23459306
End Model Part Number	23455664
Base Model Part Number	22844404
Software Module 1 Identifier Alpha Code	AB
Software Module 2 Identifier Alpha Code	AE
End Model Part Number Alpha Code	AA

Base Model Part Number Alpha Code	AG
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]

No DTCs Stored**Parking Assist Control Module**

Identification Information	Value
Vehicle Identification Number (VIN)	
Diagnostic Data Identifier	b01
Subscriber ID	PCARSTN#61
Date Programmed	Sunday, November 29, 2015
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	9115322000002562
End Model Part Number	23410251
Base Model Part Number	23181791
Software Module 1 Identifier	23410248
Software Module 2 Identifier	23392569
Software Part Number	23410248
Calibration Part Number 2	23392569
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**Frontview Camera Module**

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Subscriber ID	PCARSTN#61
Diagnostic Data Identifier	301
Module Diagnostic Address	BC

Manufacturer Enable Counter	0
Manufacturer's Traceability Number	2115318HBFBE00DK
Software Module 1 Identifier	84022389
Software Module 2 Identifier	23406051
Software Module 3 Identifier	23201028
End Model Part Number	84022387
Base Model Part Number	23119793
Software Module 1 Identifier Alpha Code	AA
Software Module 2 Identifier Alpha Code	AA
Software Module 3 Identifier Alpha Code	DA
End Model Part Number Alpha Code	AA
Base Model Part Number Alpha Code	AH
GMLAN Identification Data - Bus 2 Type	High Speed CAN Bus
GMLAN Identification Data - Data Dictionary 2 Version	08002E
GMLAN Identification Data - GMLAN Kernel 2 Version	0301

No DTCs Stored

Steering Column Lock Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKCKC0GR [REDACTED]
Subscriber ID	PCARSTN#61
Date Programmed	Sunday, November 29, 2015
Diagnostic Data Identifier	0501
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	AC15317000000088
Module Diagnostic Address	C2
End Model Part Number	23309449
Base Model Part Number	4294967295
End Model Part Number Alpha Code	AA
Base Model Part Number Alpha Code	ÿÿ
Boot Software Part Number	4294967295
Software Part Number Alpha Code	ÿÿ
Software Module 1 Identifier	23309450
Software Module 1 Identifier Alpha Code	AA
Software Module 2 Identifier	23309448
Software Module 2 Identifier Alpha Code	ÿÿ
GMLAN Identification Data - Bus 1 Type	Low Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	0100
GMLAN Identification Data - Data Dictionary 1 Version	050001

System Code	05
-------------	----

No DTCs Stored

Where Am I?

[REDACTED]

Save

Elevation: 536 ft.

Nearest Intersection:

Hall Johnson Rd (W) & William D
Tate Ave (S)

Nearest Address:

[REDACTED]

Grapevine, TX 76051



Hospitals



Police Stations



Fuel



GARMIN





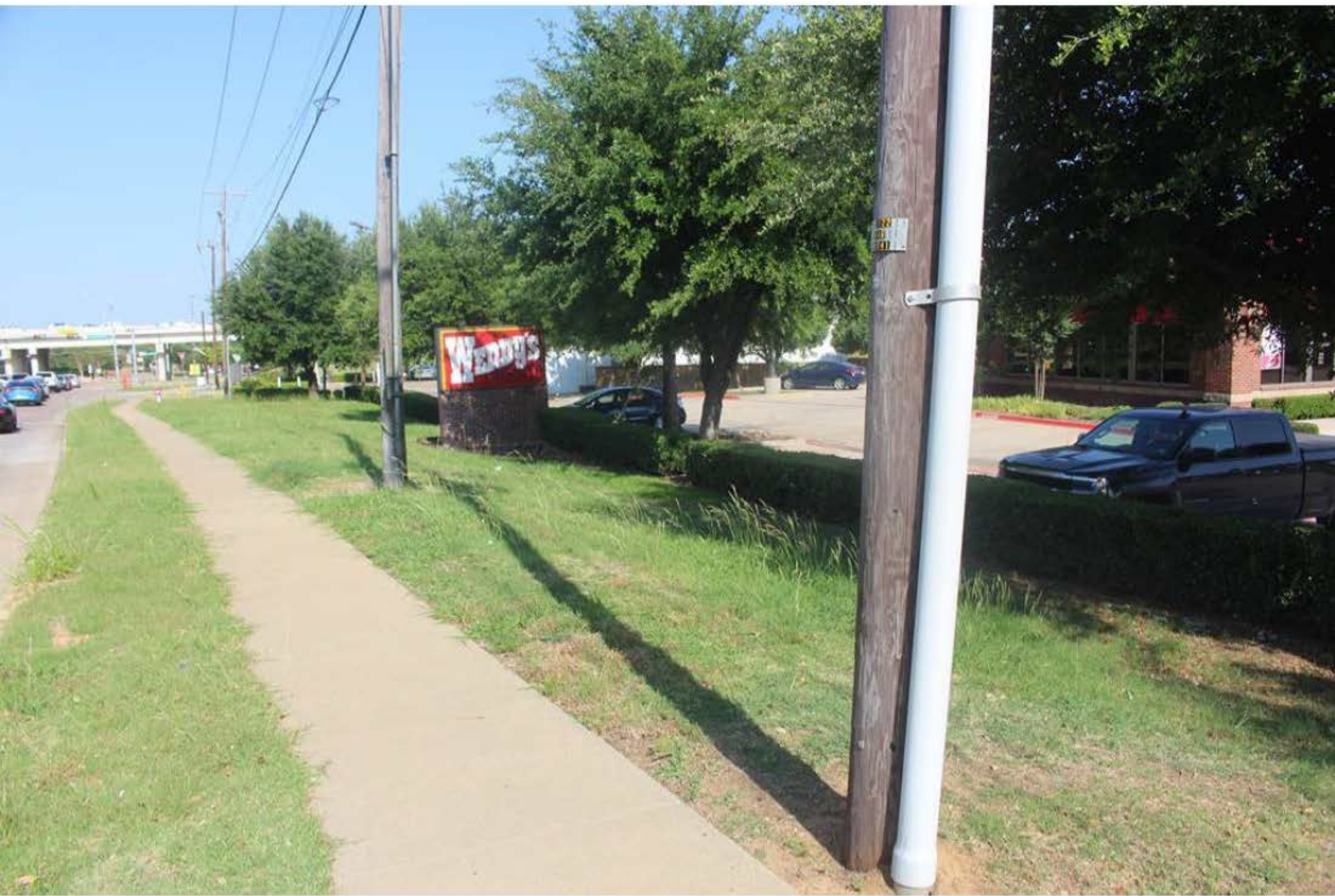
















NO
PARKING
ANY
TIME













































ONLY ONLY



HALL JOHNSON 2100 RD

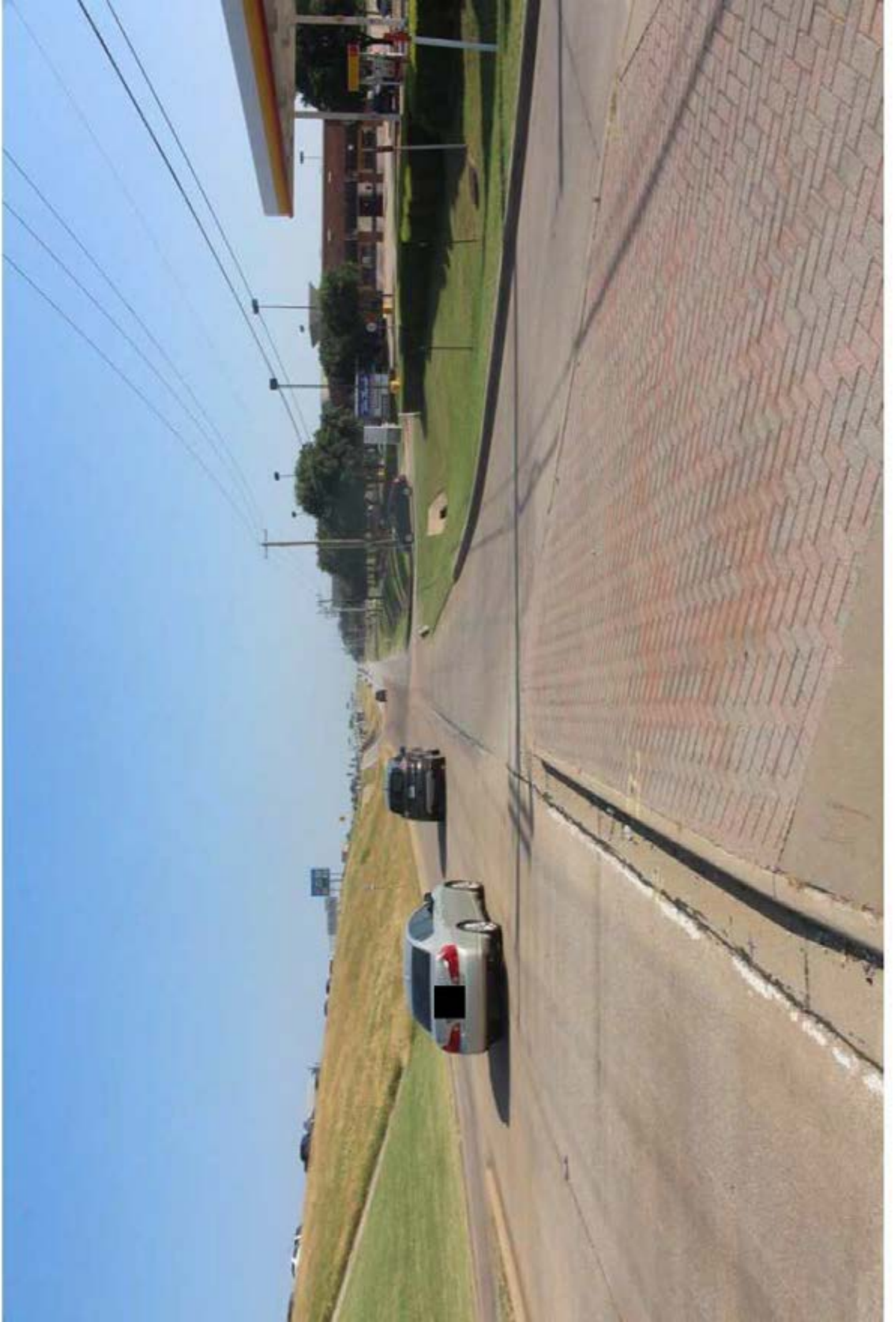
17 FT 2 IN

121 SB / WILLIAM D TATE
AVE 4000







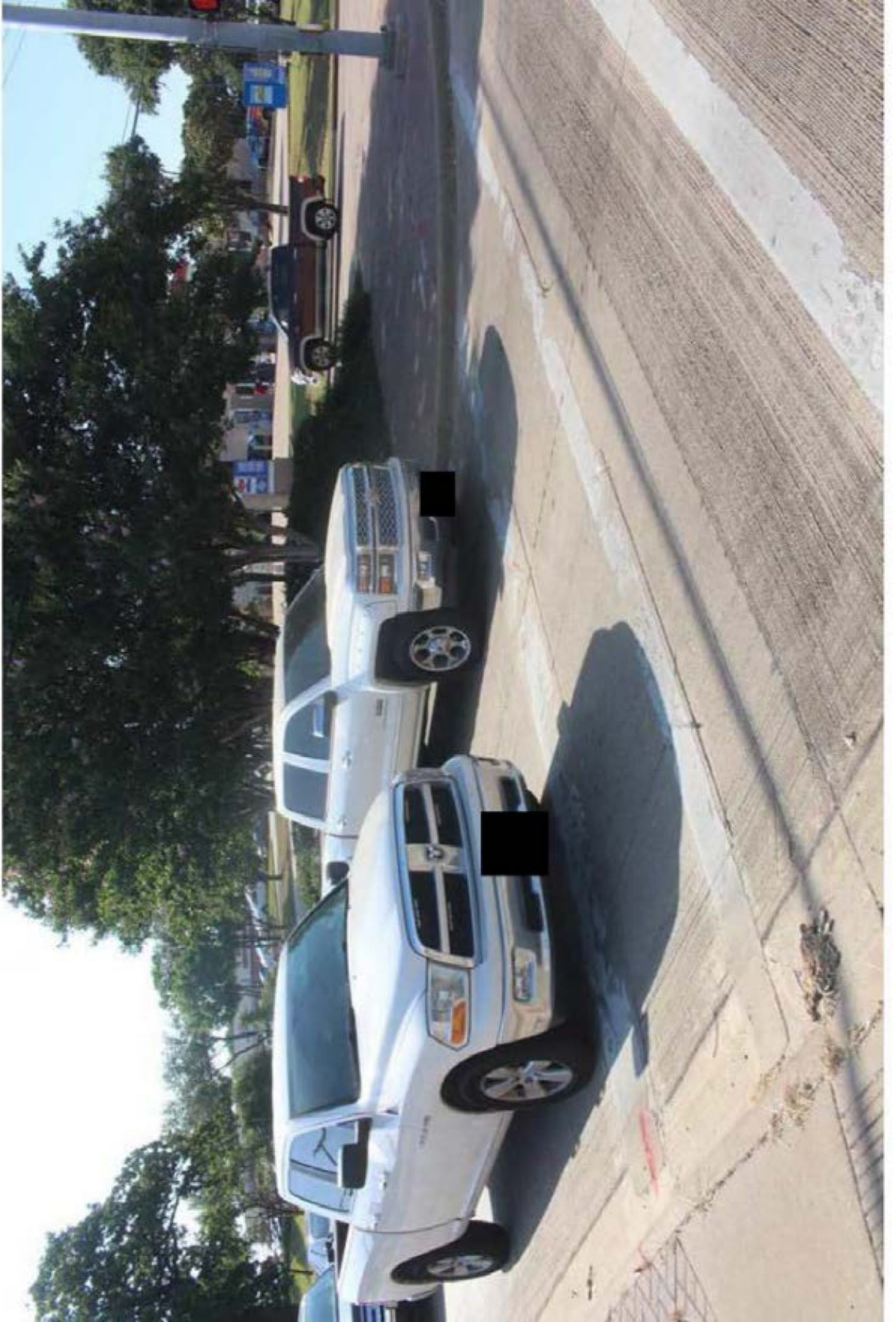


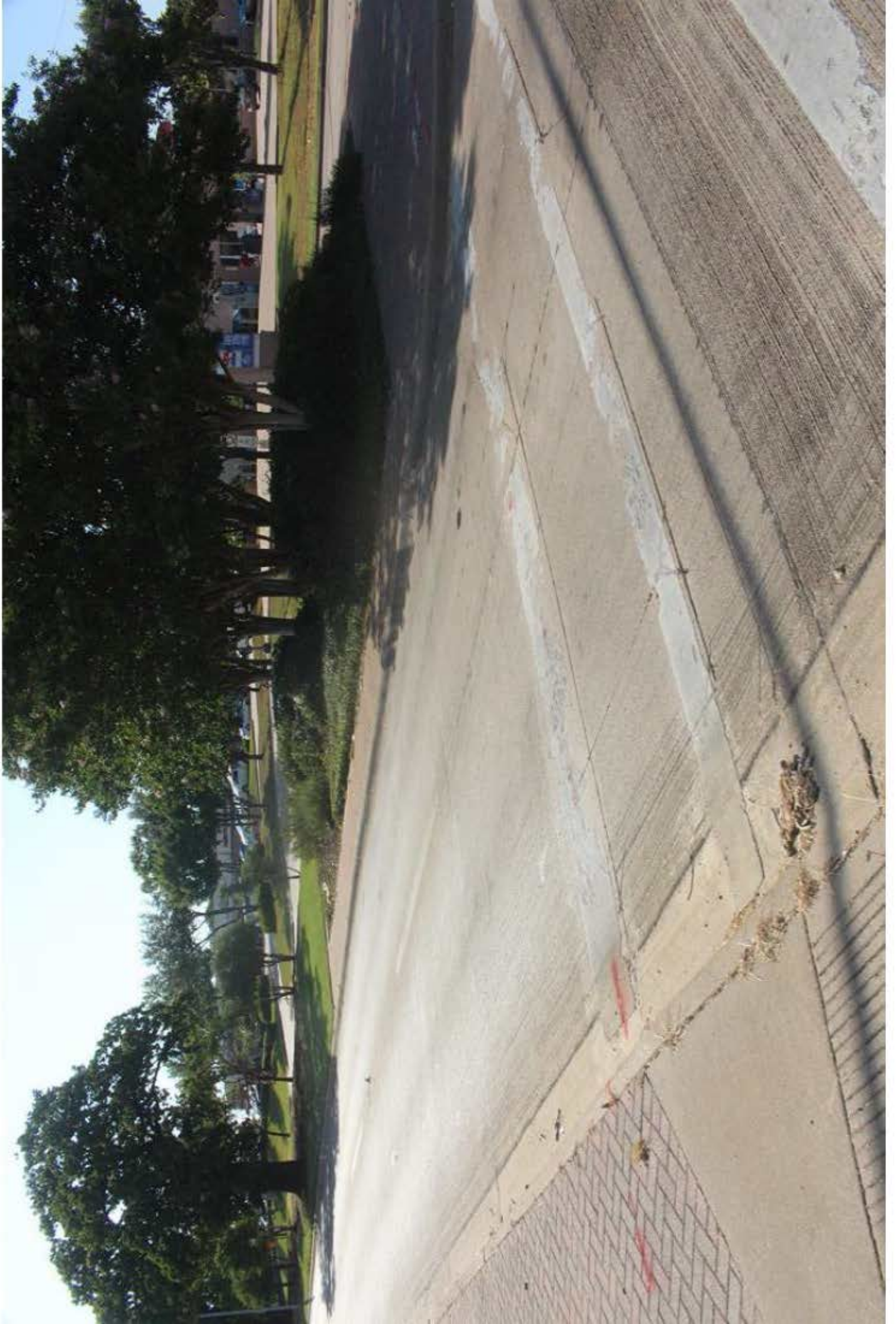
















LOVELY
HAIR SPA

THE MASSAGE SALON

AMBITION DANCE

SPEED
LIMIT
35

ESIS GM PHOTO COVER

DATE: 06 / 01 / 2018

FILE: [REDACTED]

VEHICLE YEAR / MAKE: 2016 Chevrolet Tahoe

VIN: 1GNSKCKC0GR [REDACTED]

LOCATION: 2501 William D Tate Ave, Grapevine, TX 76051

INVESTIGATOR: Phillip Nottingham



1GNSKCKCOGR [REDACTED]



MFD BY GENERAL MOTORS LLC

11/15

GVWR
3311 KG
7300 LB

GAWR FRT
1633 KG
3600 LB

GAWR RR
1905 KG
4200 LB



THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR
VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF
MANUFACTURE SHOWN ABOVE


1GNSKCKC0GR



TYPE: M.P.V.

MODEL: K15706

KKBB	TIRE SIZE	SPEED RTG	RIM	COLD TIRE PRESSURE
FRT	P285/45R22	H	22X9J	240KPA(35PSI)
RR	P285/45R22	H	22X9J	240KPA(35PSI)
SPA	P265/70R17	S	17X7.5J	240KPA(35PSI)

SEE OWNER'S MANUAL  FOR MORE INFORMATION.



TIRE AND LOADING INFORMATION

SEATING CAPACITY | TOTAL 7 | FRONT 2 | REAR 5

The combined weight of occupants and cargo should never exceed 699 kg or 1540 lbs.

TIRE	ORIGINAL SIZE		COLD TIRE PRESSURE
FRONT	P285/45R22	H	240 kPa, 35 PSI
REAR	P285/45R22	H	240 kPa, 35 PSI
SPARE	P265/70R17	S	240 kPa, 35 PSI

SEE OWNER'S
MANUAL FOR
ADDITIONAL
INFORMATION

1GNSKCKCOGR



SERVICE PARTS IDENTIFICATION

DO NOT REMOVE

1GNSKCKCOGR

SZMQGF

CK15706

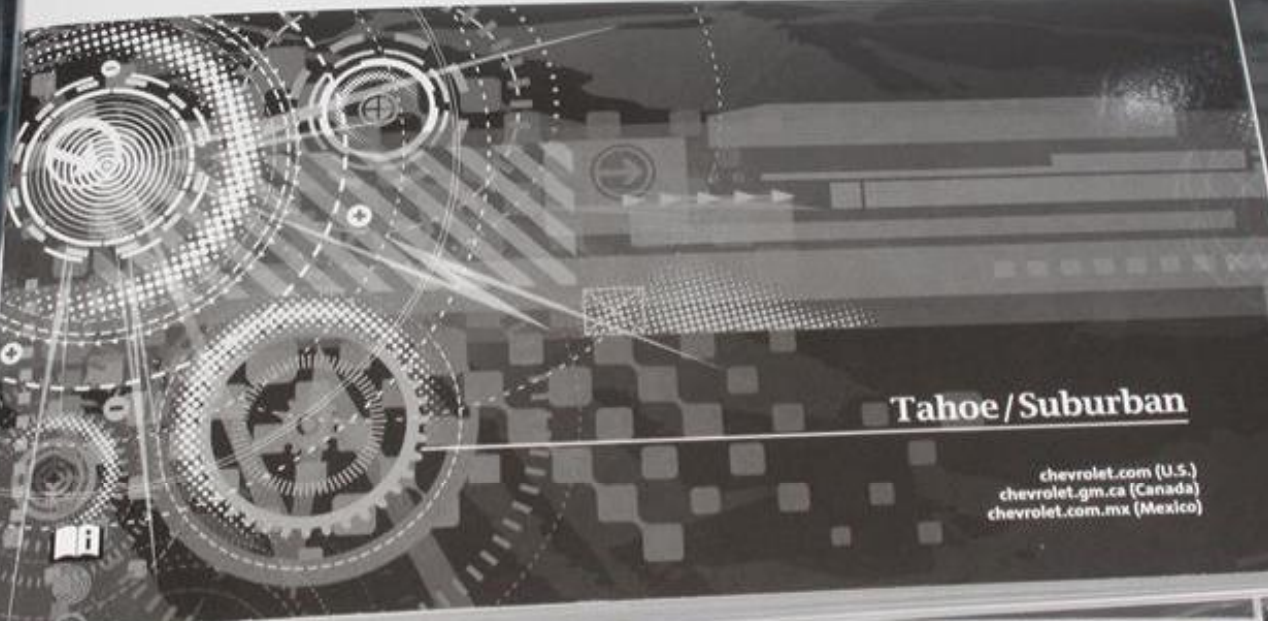
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A31 A45 BTM BTV BVE B30 B50 B86 CE1 CF5 CJ4 C25 C49 C6A DCP
DDB DL3 D07 EF7 FE9 FHO GAN GU5 G00 H2X I06 I16 JD9 JF4 JL1
K06 KB6 KC4 KG4 KIA KNP K34 K4C L03 MAH MYC NHT NP5 NQH NT7
N38 PCJ QST RC4 RUF R6Q R9N SAF SFE SGF SLH TC2 T05 T3U T4F
UD5 UEU UE1 UFG UG1 UHS UHX UJM UKC UK3 UMN UQS UTJ UTR UTT
UTU UTV UVC UVD UV6 U2K U2L U42 U77 VFF VHM VKW VK3 V00 VRK
VT7 VV4 V54 V80 WMG XL7 X88 YMB Y86 Y91 ZY1 Z82 Z95 1LZ !SZ
4AA 62N 72N 8X2 9X2

BC/CC

U 636R

H2X

2016



Tahoe/Suburban

chevrolet.com (U.S.)
chevrolet.gm.ca (Canada)
chevrolet.com.mx (Mexico)











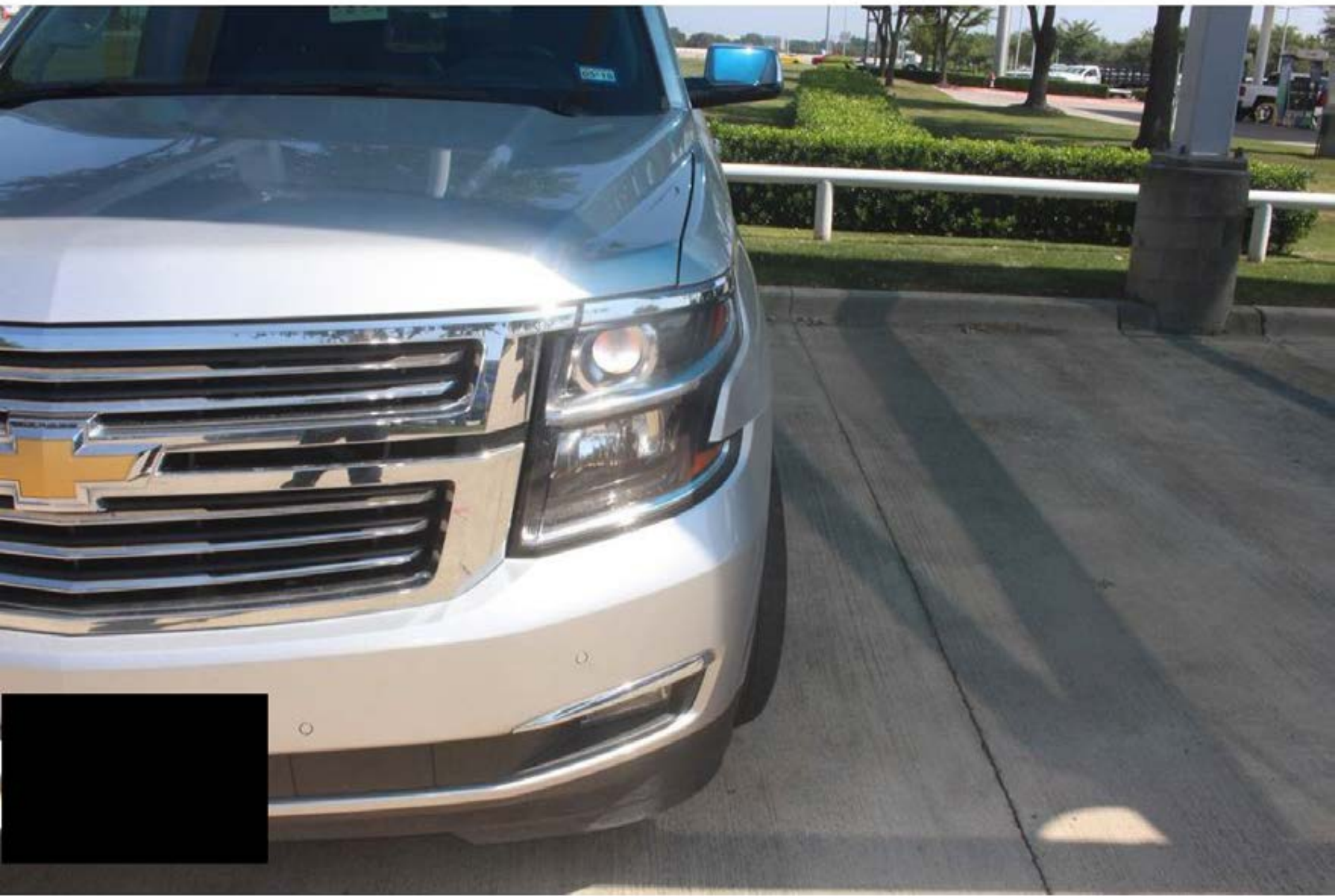




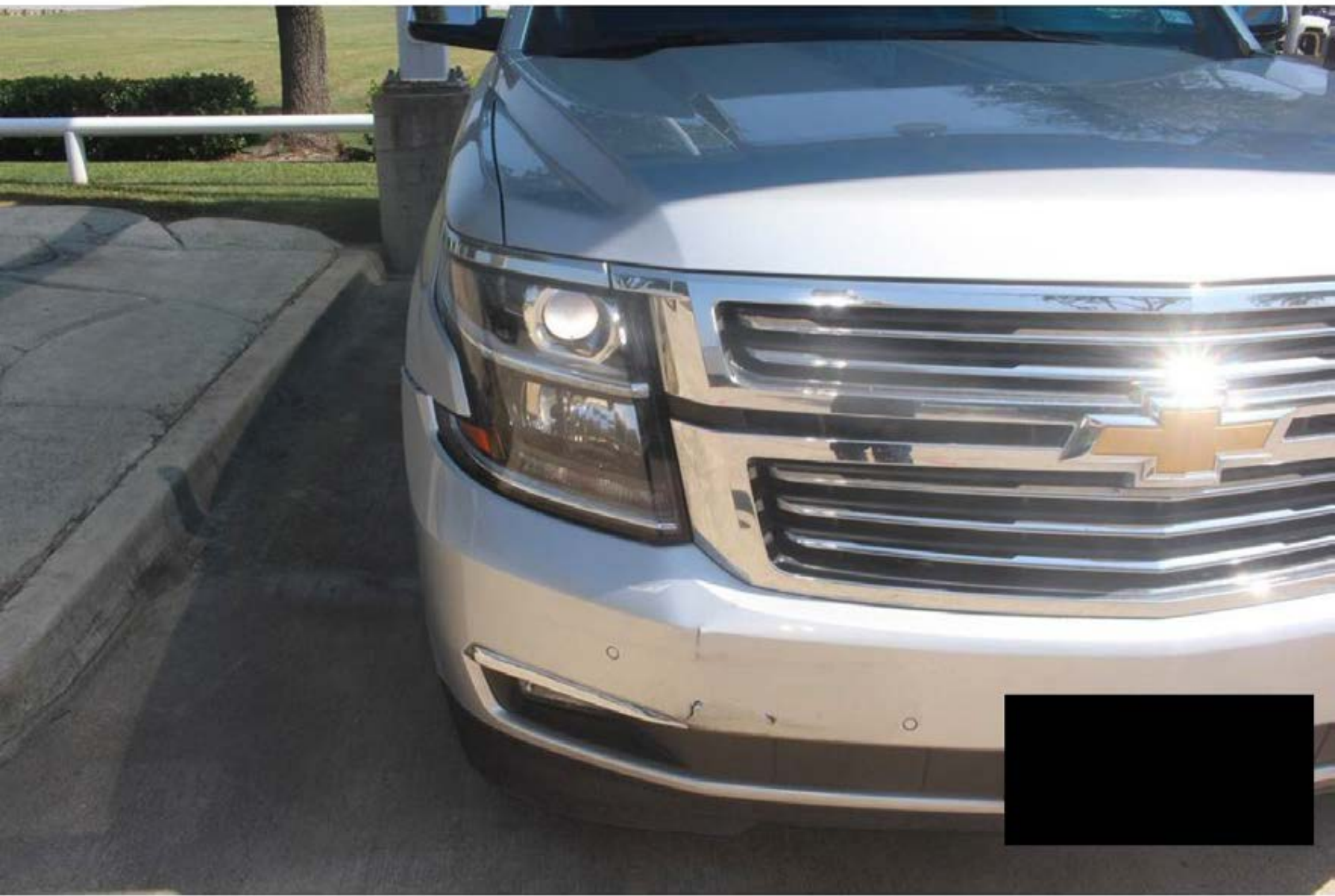




















MICHELIN

30 mm

Power button symbol



 **MICHELIN**

4.1 mm













P ZERO
PIRELLI
P ZERO
DALNEZ
SIN CAMERA TUBELISS RADIAL

DALNEZ

SIN CAMERA
TUBELISS
RADIAL

P235/45R22 110H M+S



TPC SPEC. 1337MS

P285/45R22 HOH M+S

SAFETY WARNING

DANGER TO LIFE AND LIMB FROM LOSS OF TYRE PRESSURE

THE FAILURE OF AN OVERINFLATED TYRE CAN CAUSE LOSS OF CONTROL OF THE VEHICLE AND POSSIBLY RESULT IN DEATH OR SERIOUS INJURY

RADIAL

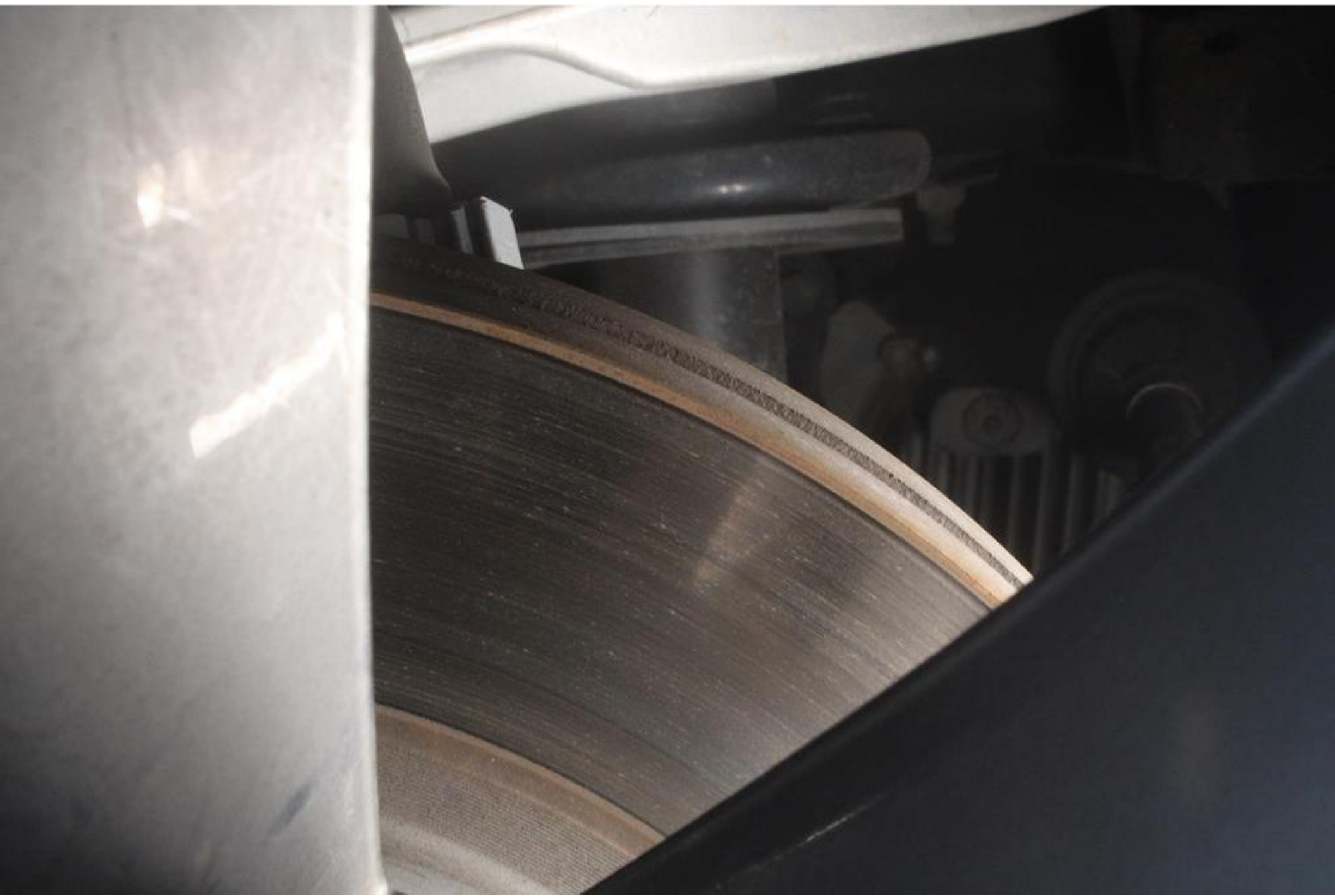


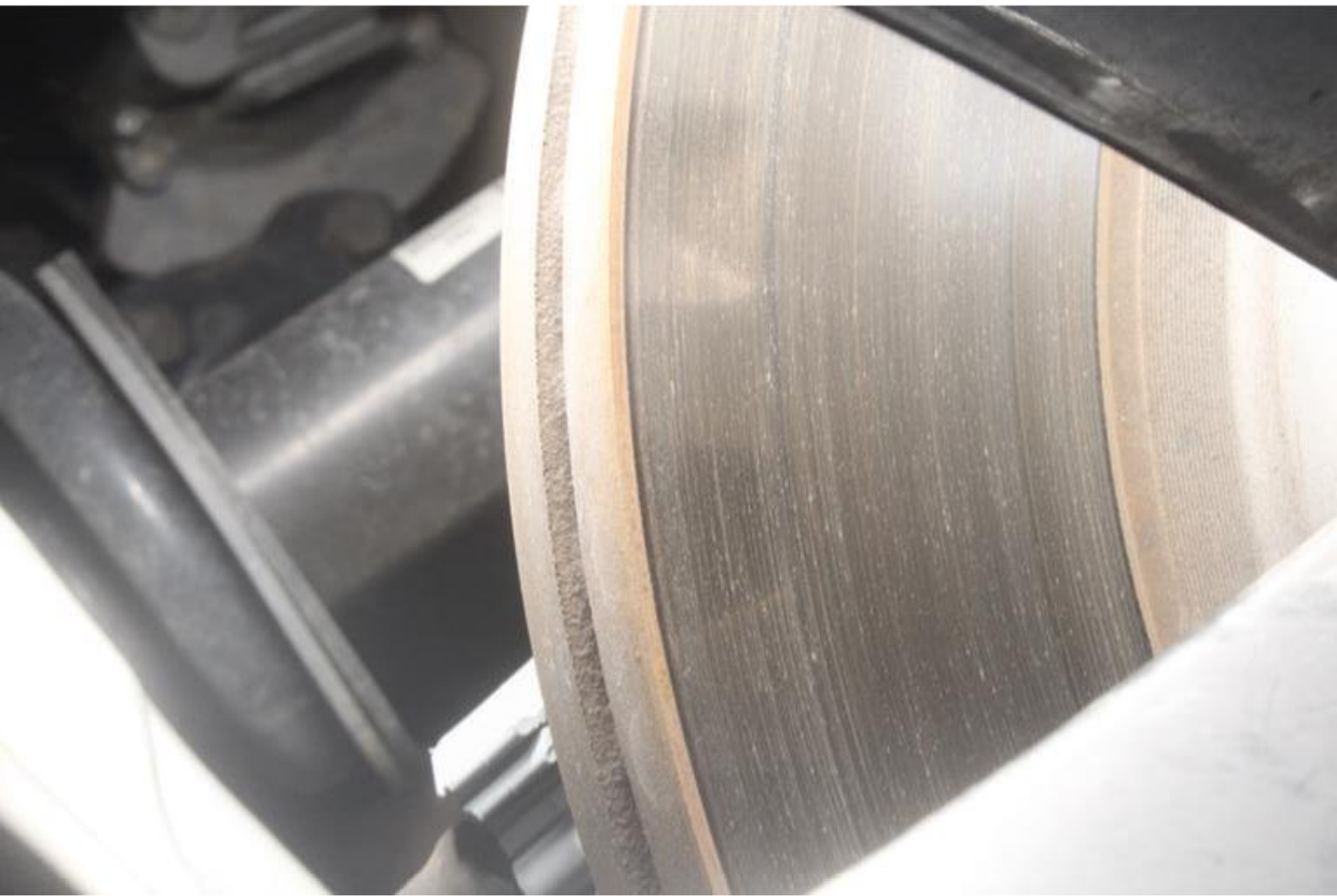
P285/45R22 110H M+S

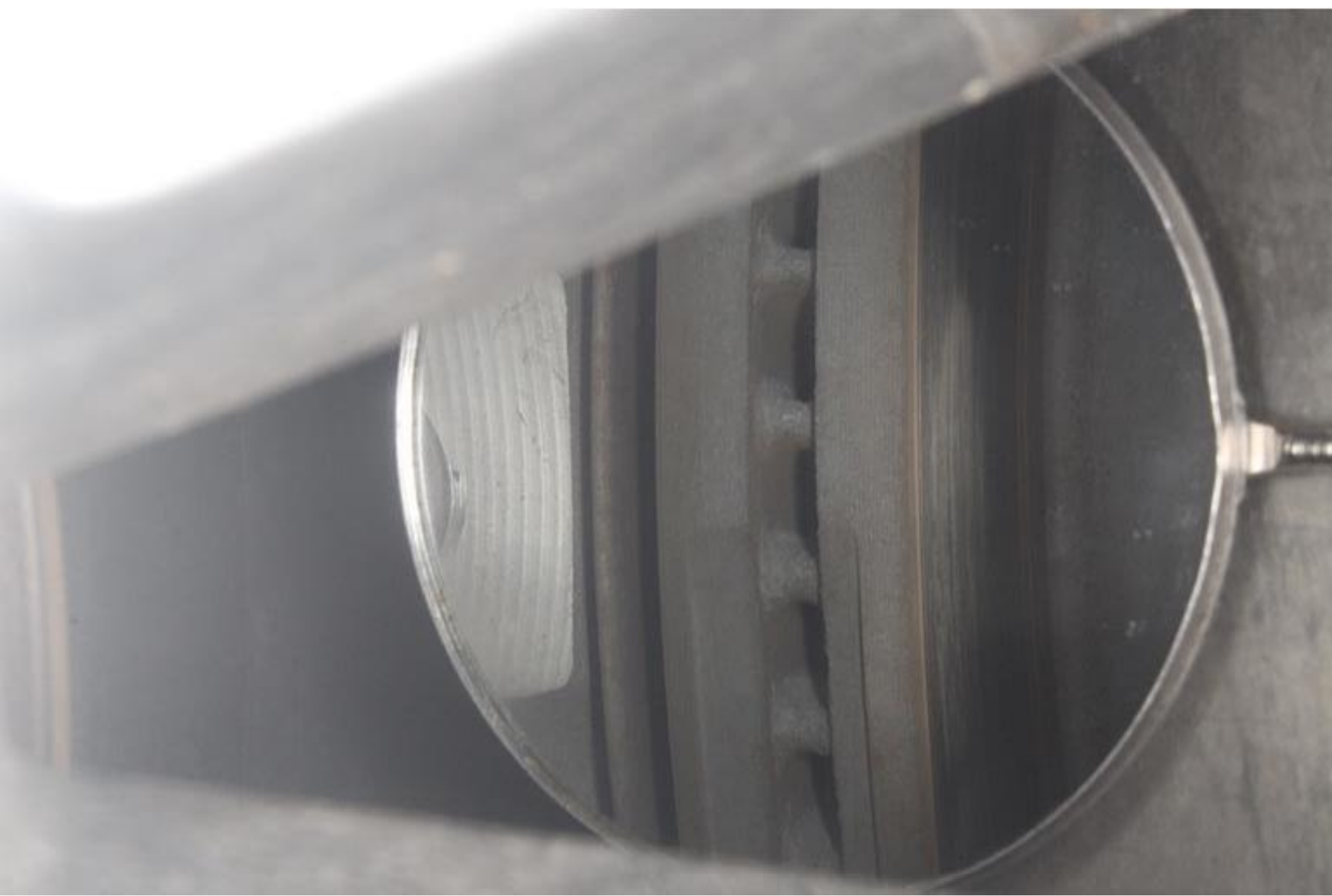










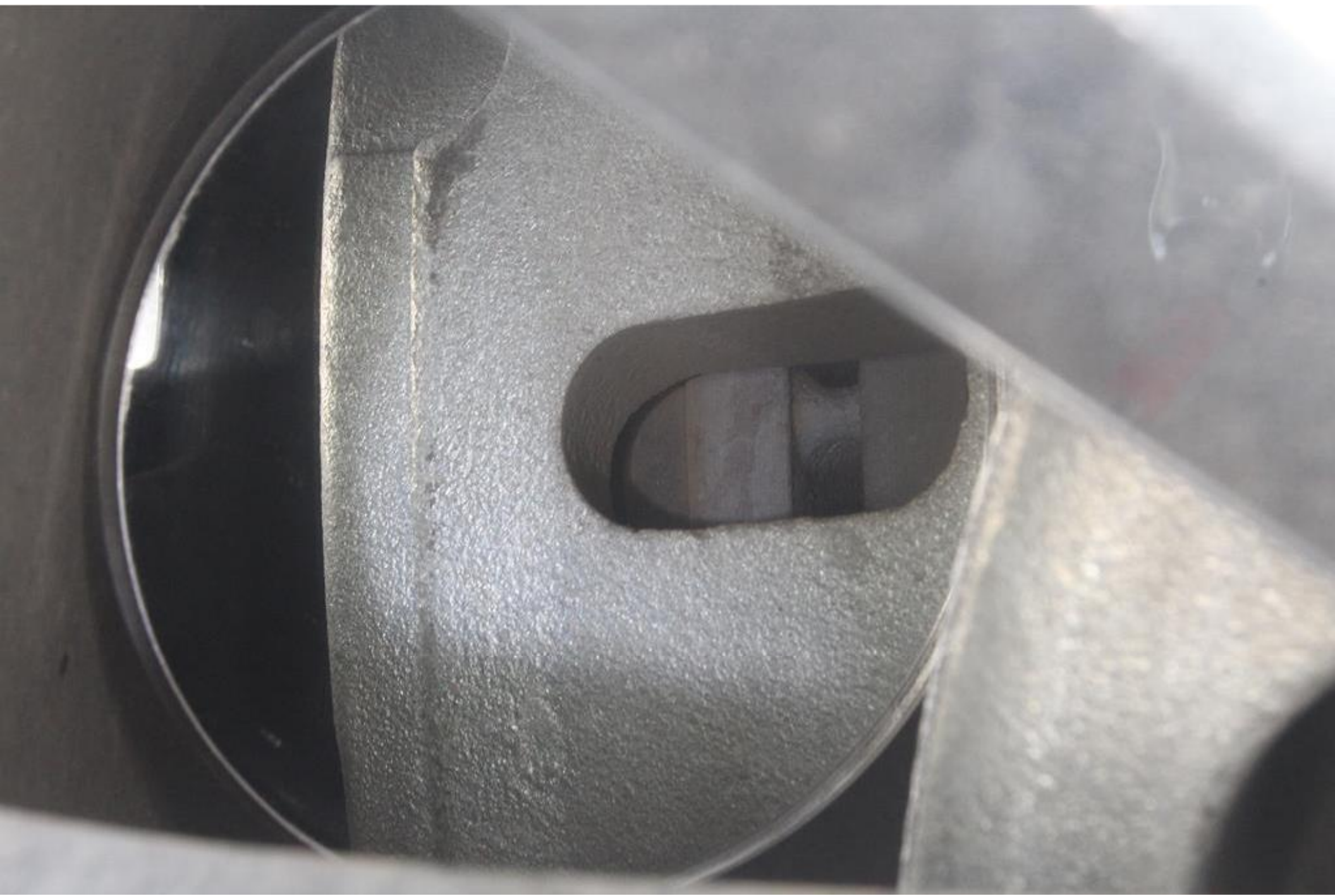






















 **MICHELIN**

1.5 bar





MICHELIN

1.1

Power button symbol









4275

DH4

OBOR

DOT

ZC1790



P285/45R22 110H M+S

RR







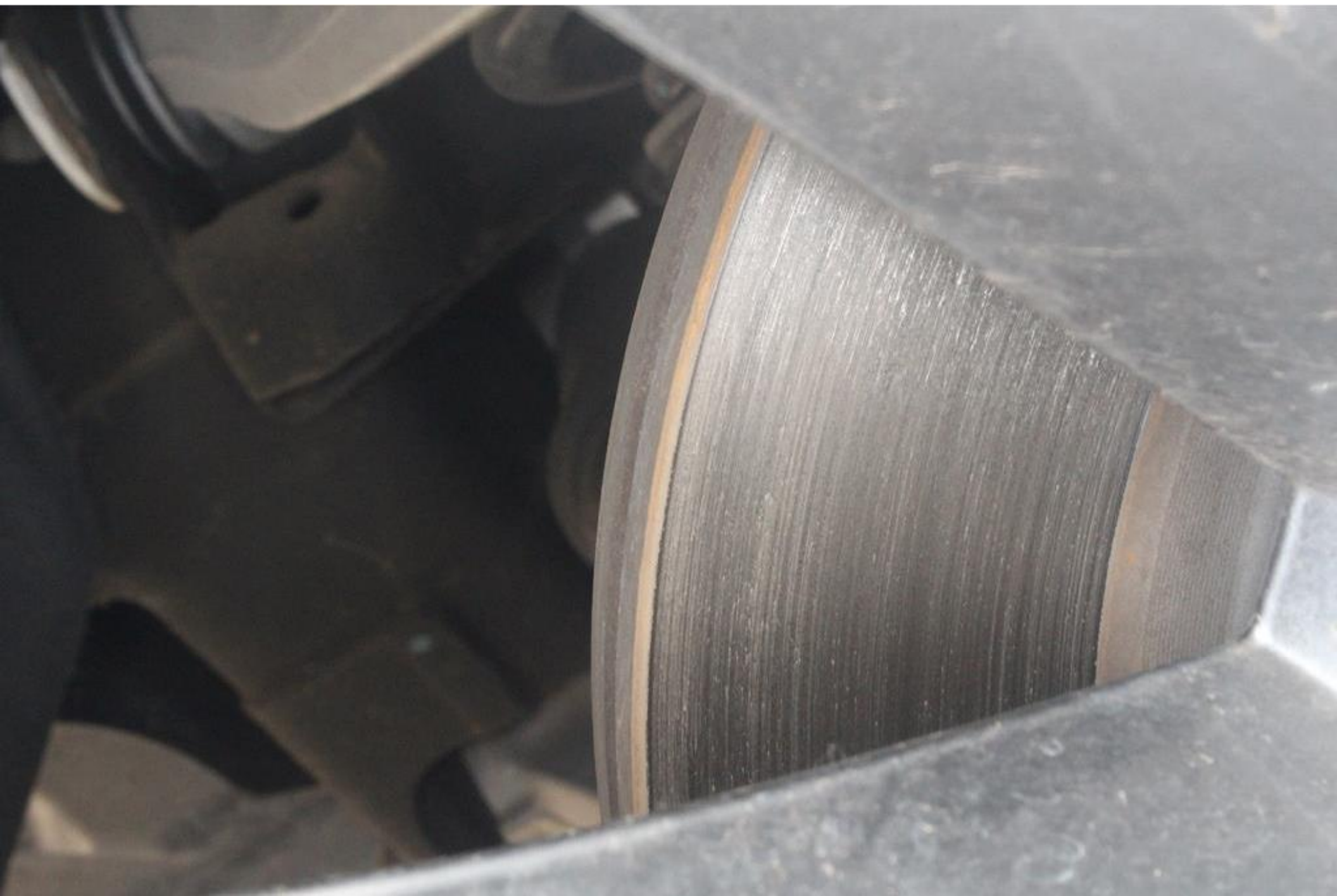
SAFETY WARNING: THIS TIRE CAN BE USED ONLY ON PASSENGER VEHICLES. FAILURE TO USE THIS TIRE ON PASSENGER VEHICLES MAY CAUSE LOSS OF CONTROL AND INCREASE THE RISK OF ACCIDENTS. ALWAYS USE THIS TIRE AS INTENDED. SEE OWNER'S MANUAL FOR MORE INFORMATION.

P225/45R17
NON-MX



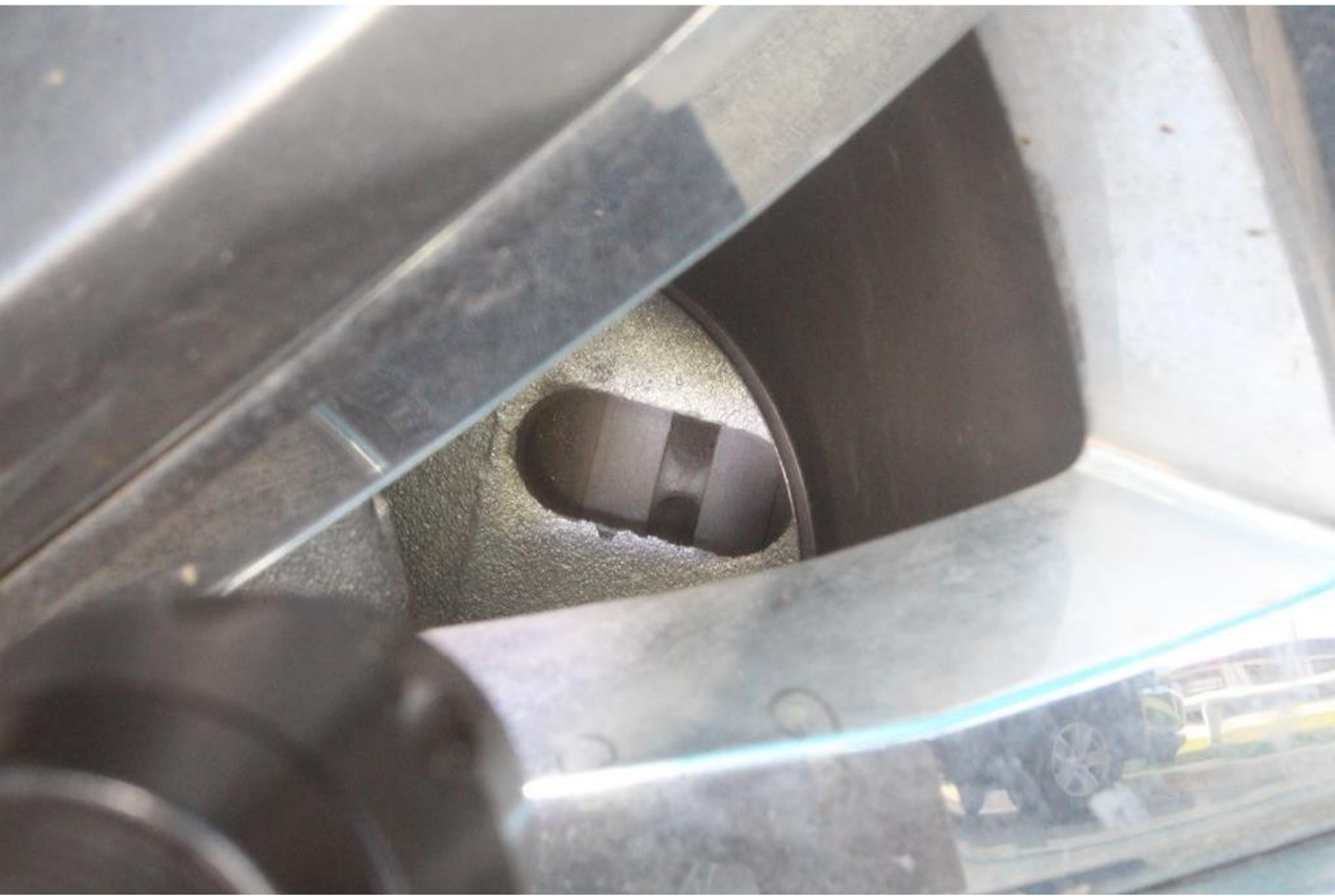


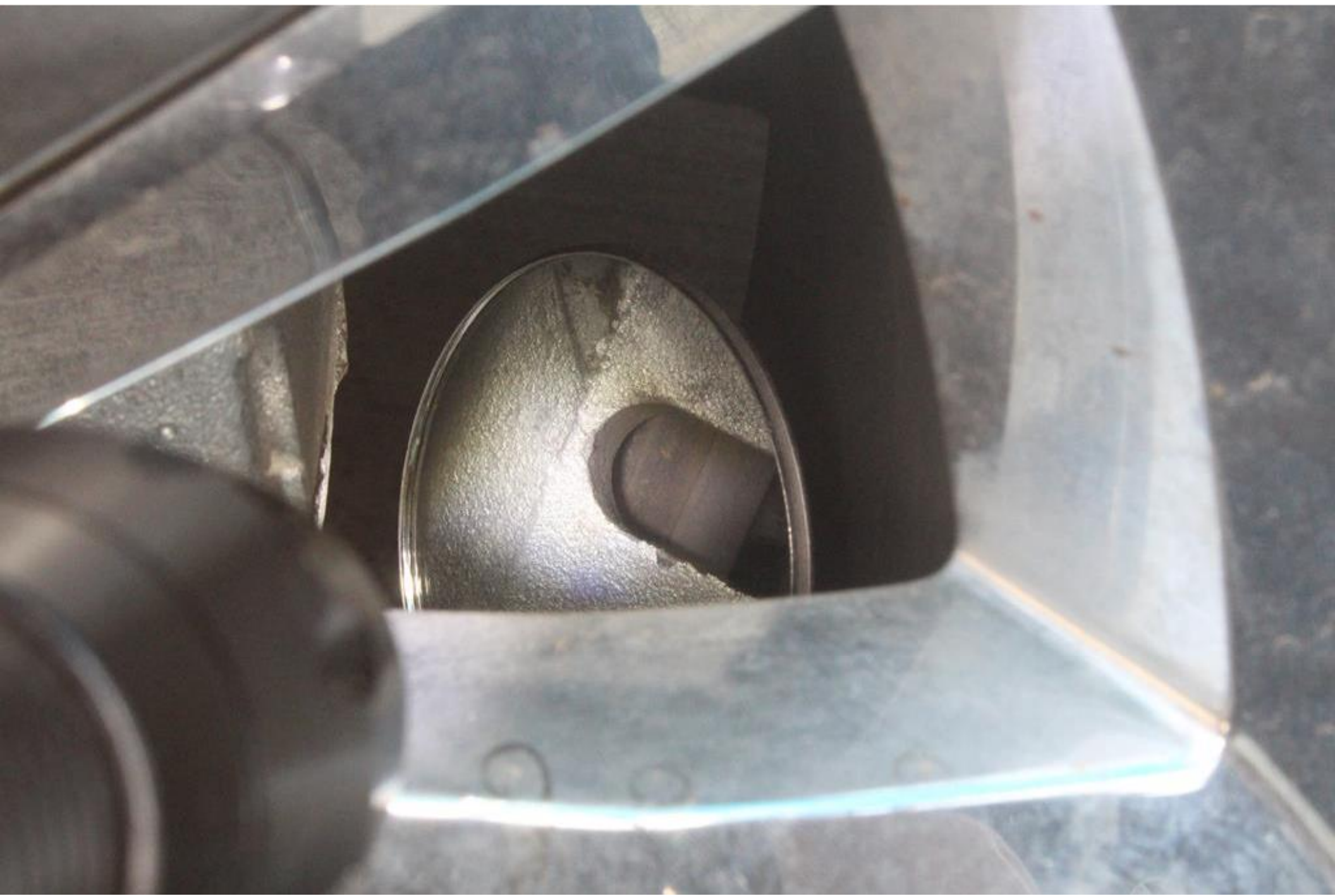


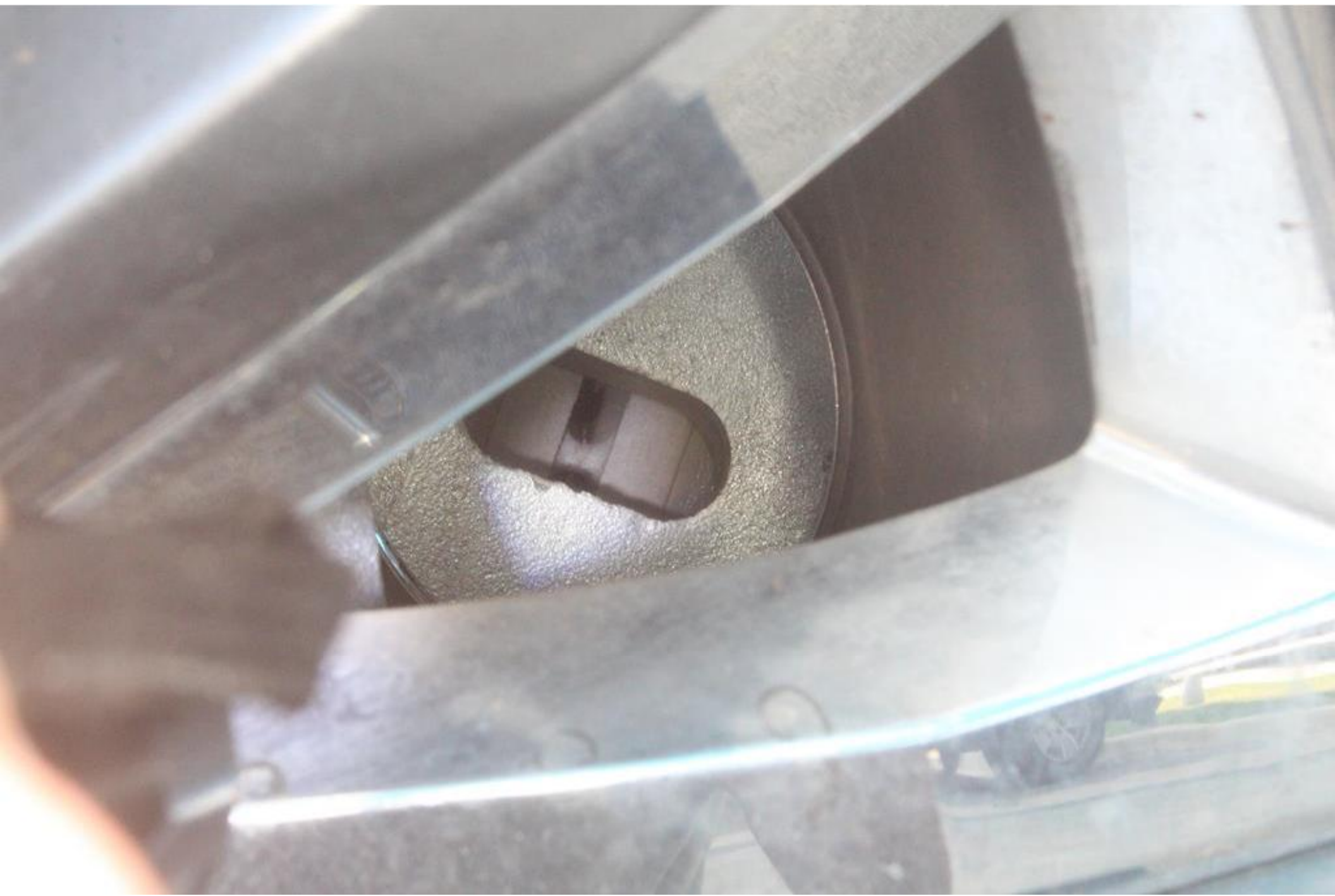


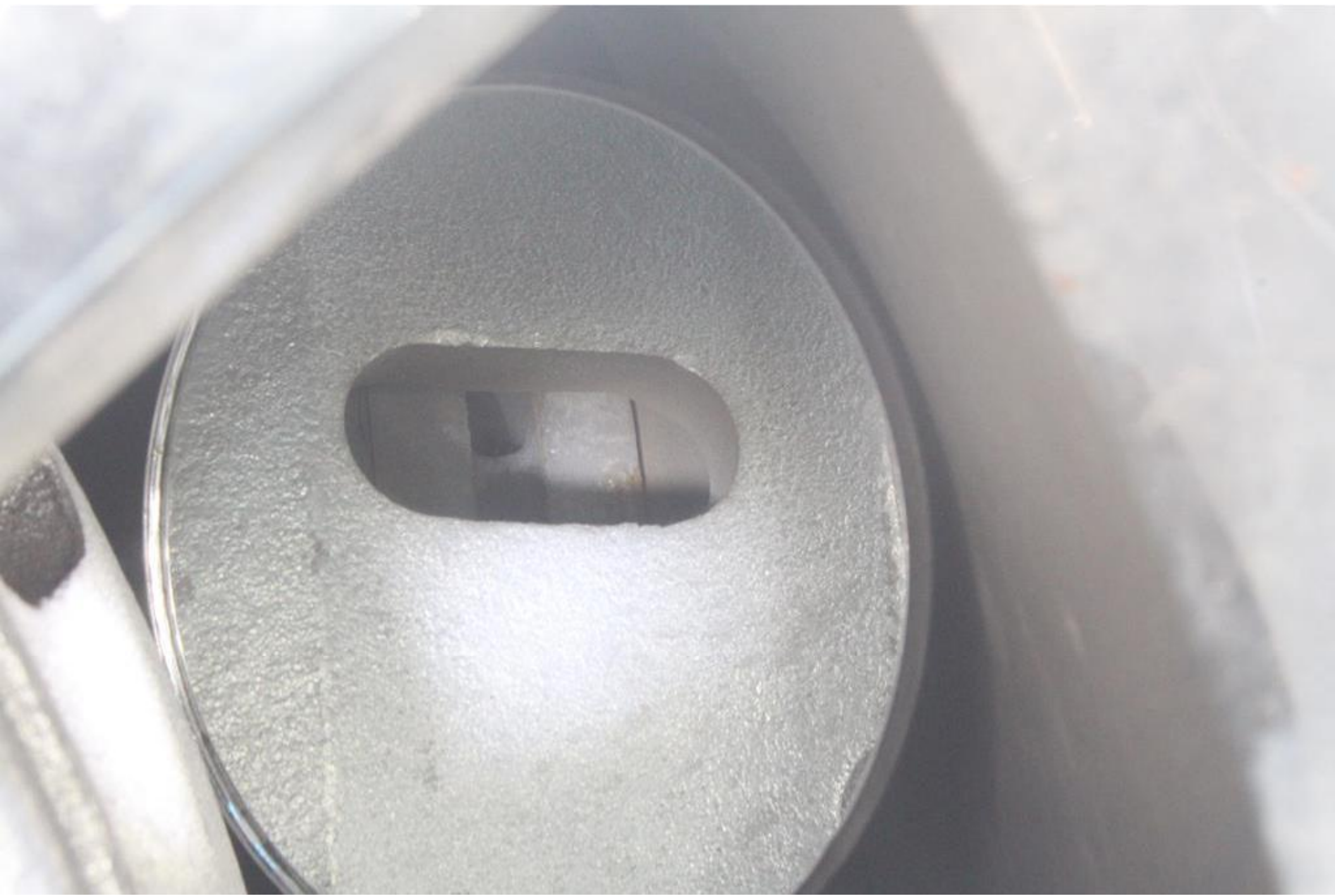


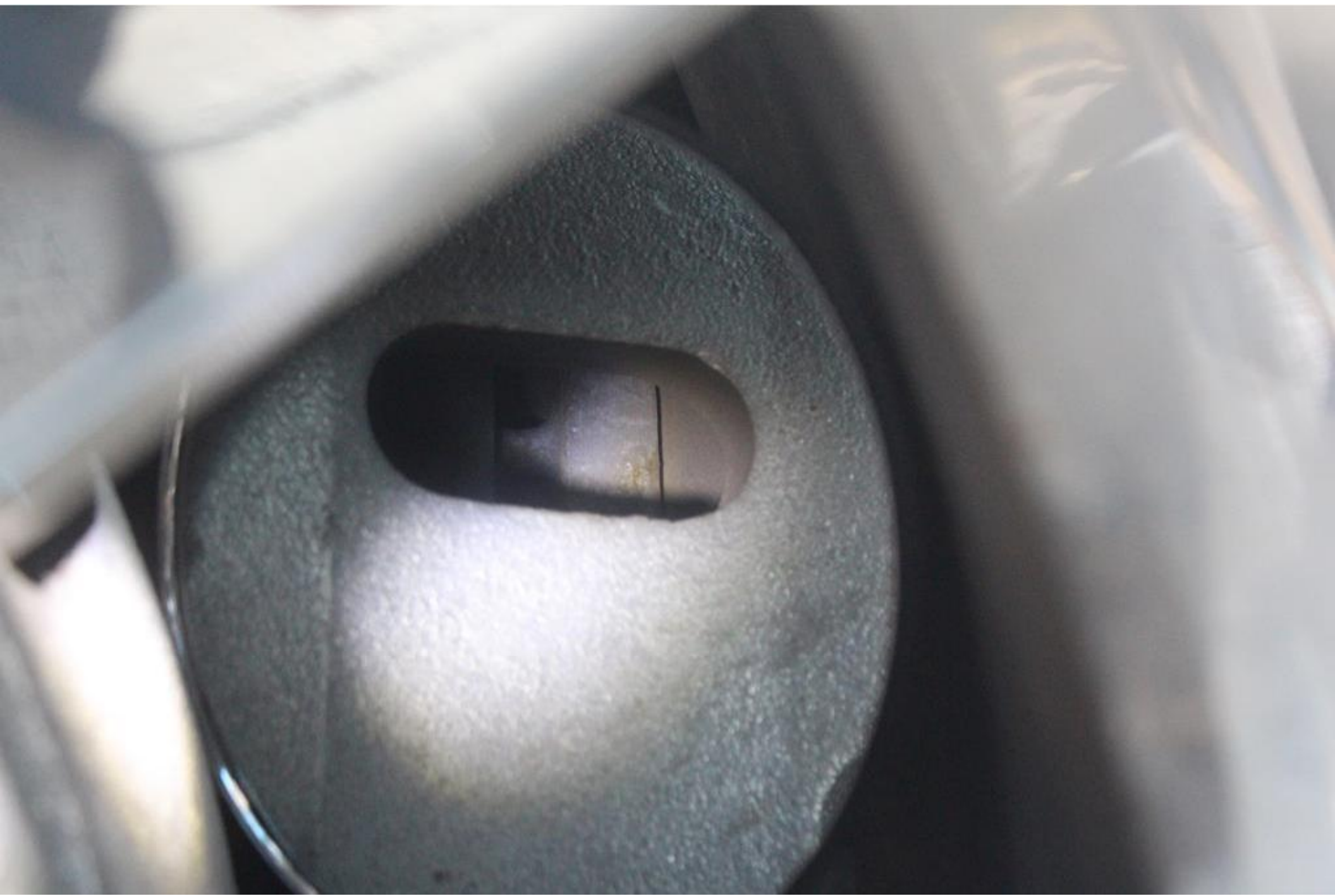


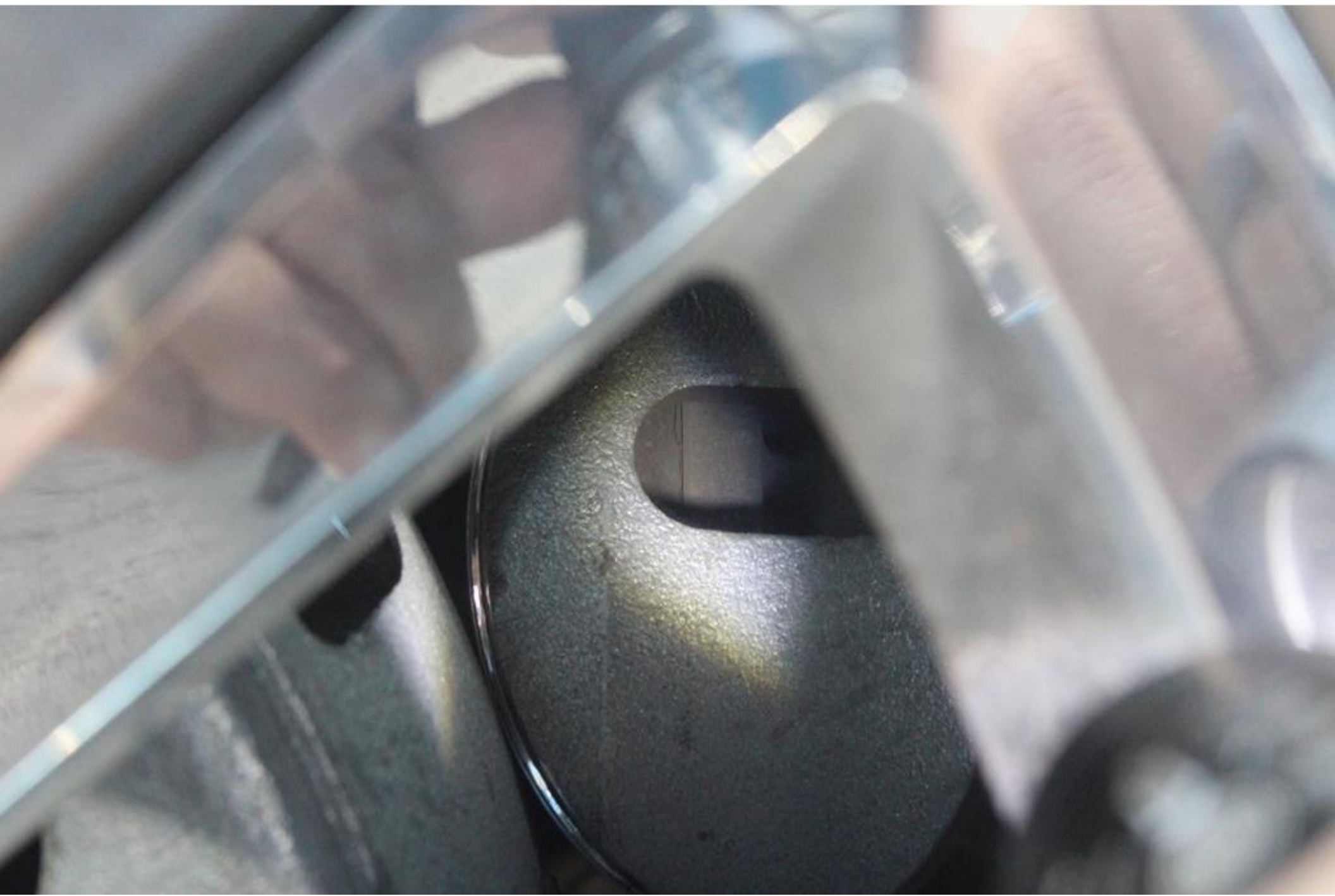










































11 246 115 12.5mm O

02 5 921 F A **AADL**
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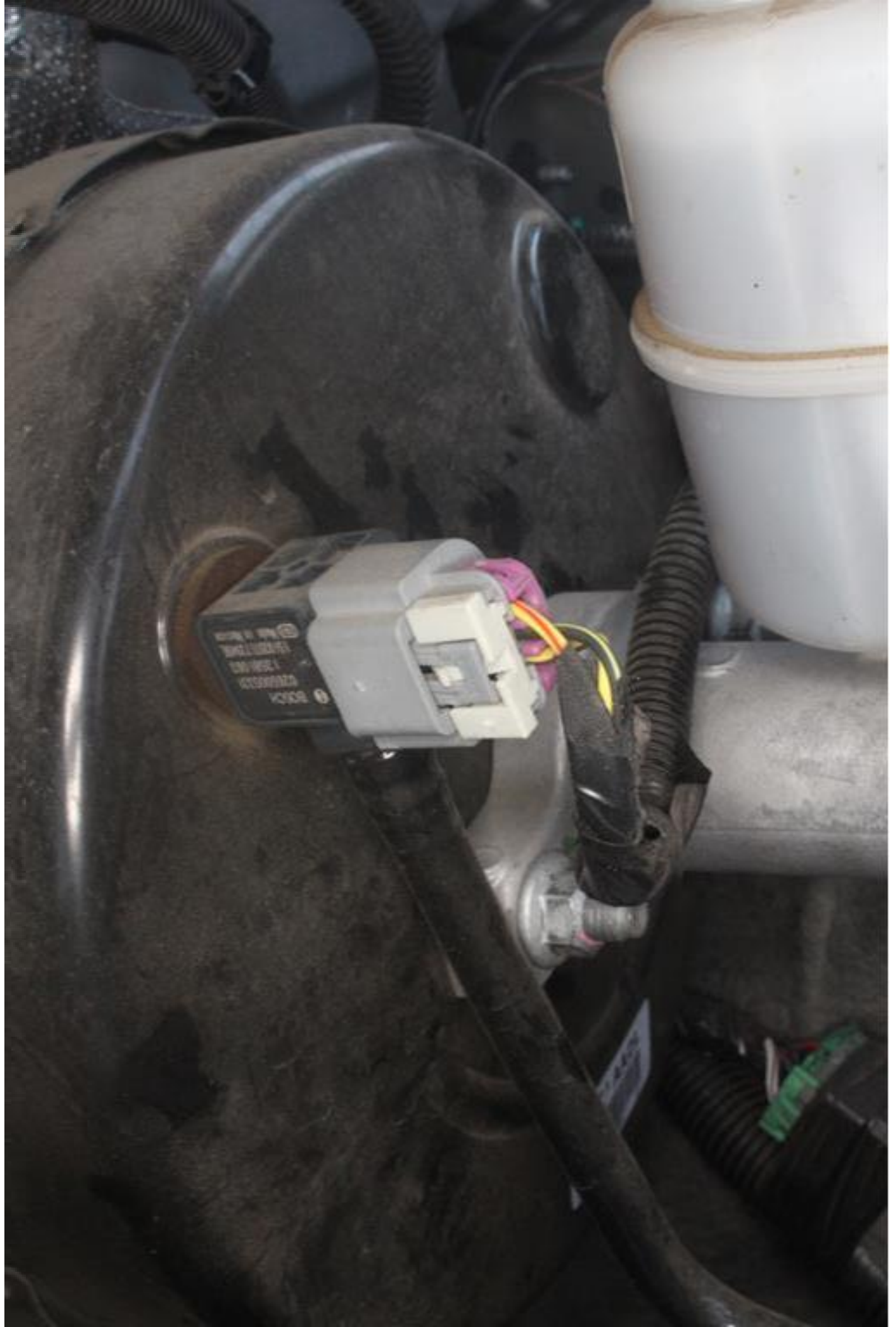




BOSCH
0265005331
1 3581 083
151 02811 73949E
GND Made in Mexico







DOT 3





BOSCH
0265005331
1 3581 083
151 02811 73949E
Made in Mexico

900 Made in Mexico

1510281173949E

1 3581 083

0265005331

BOSCH











® BOSCH
0265005331
1 3581 083
151 028T1 73949E
904 Made in Mexico



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1 3521 081
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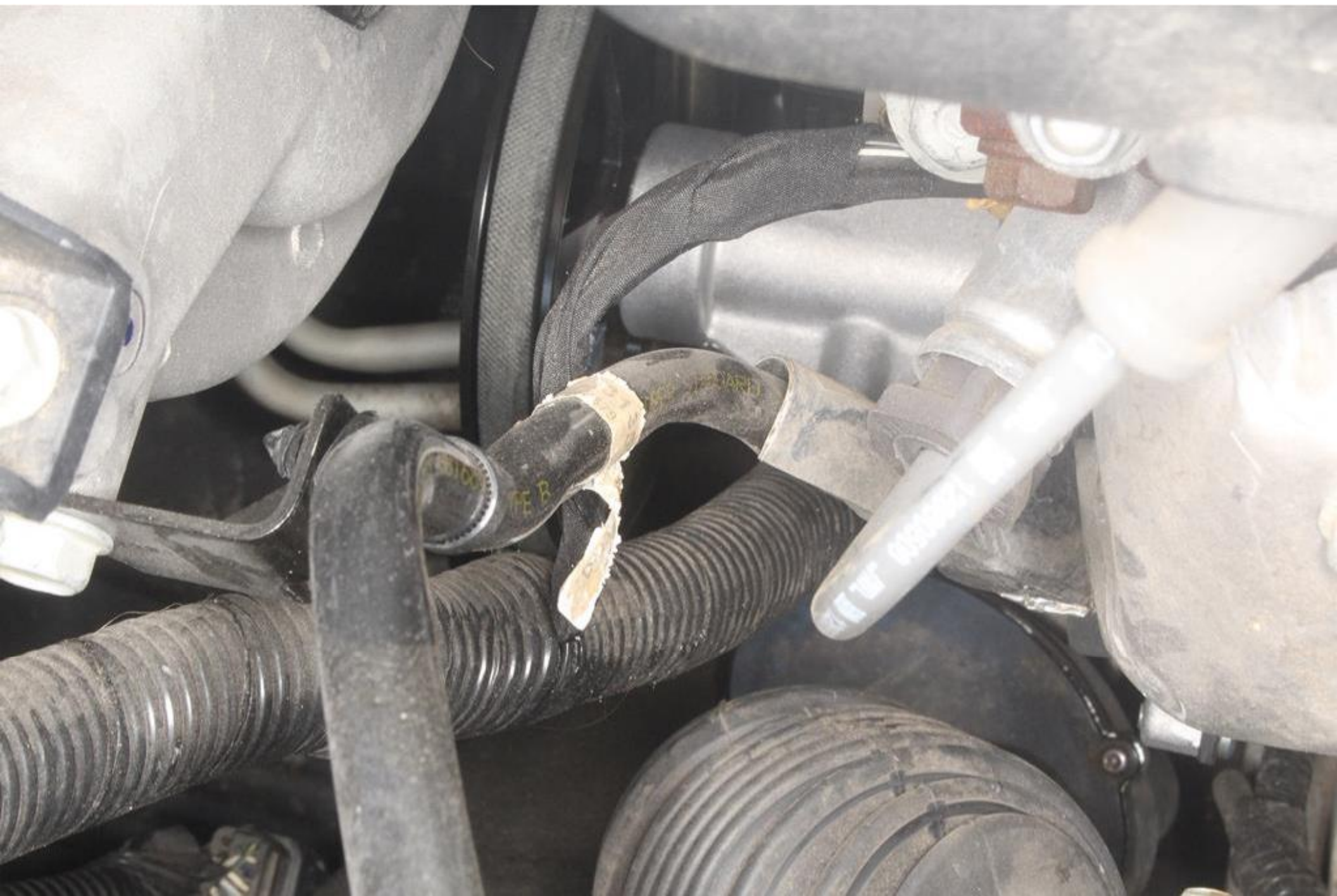
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FRONT LOWER CONTROL ARM

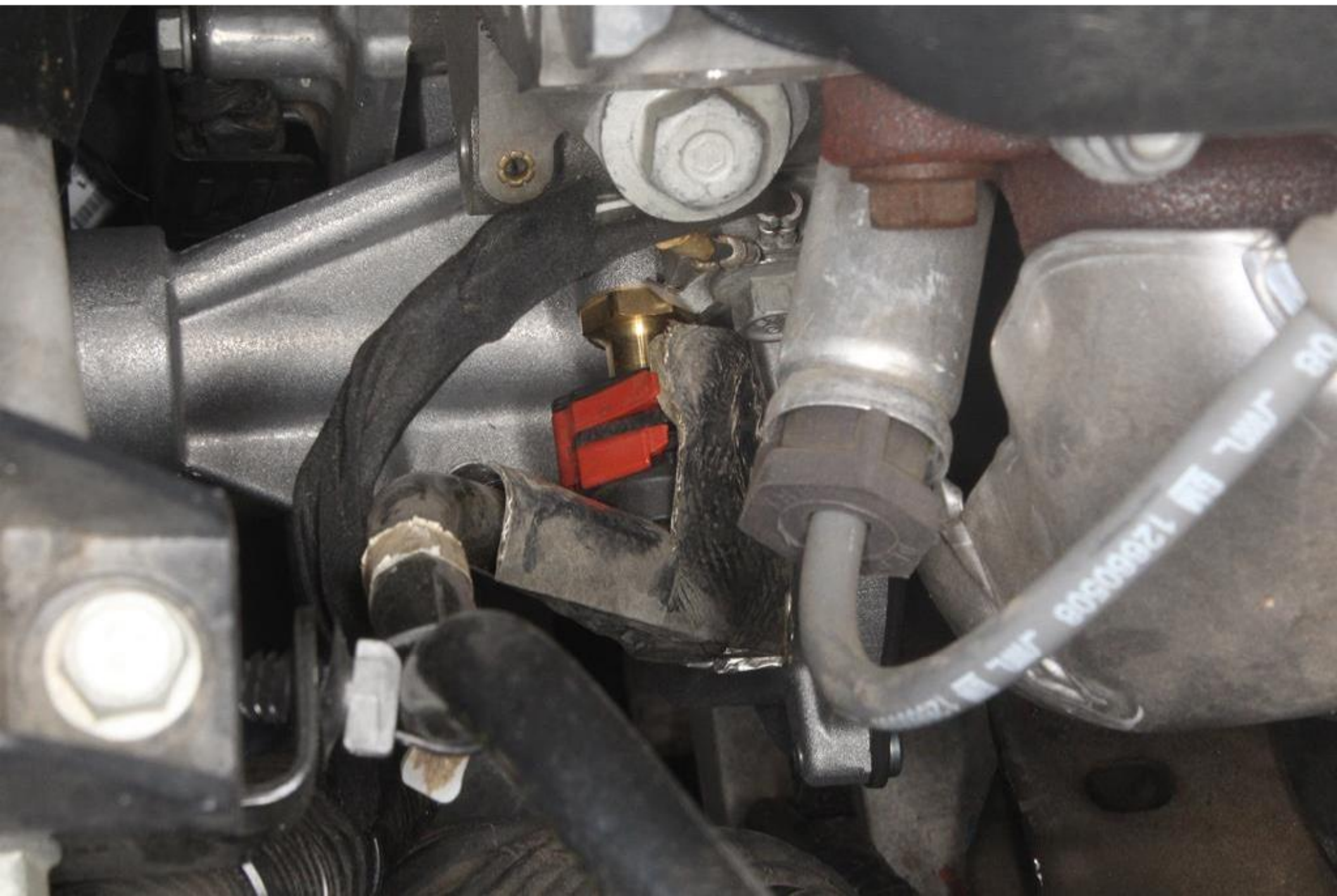
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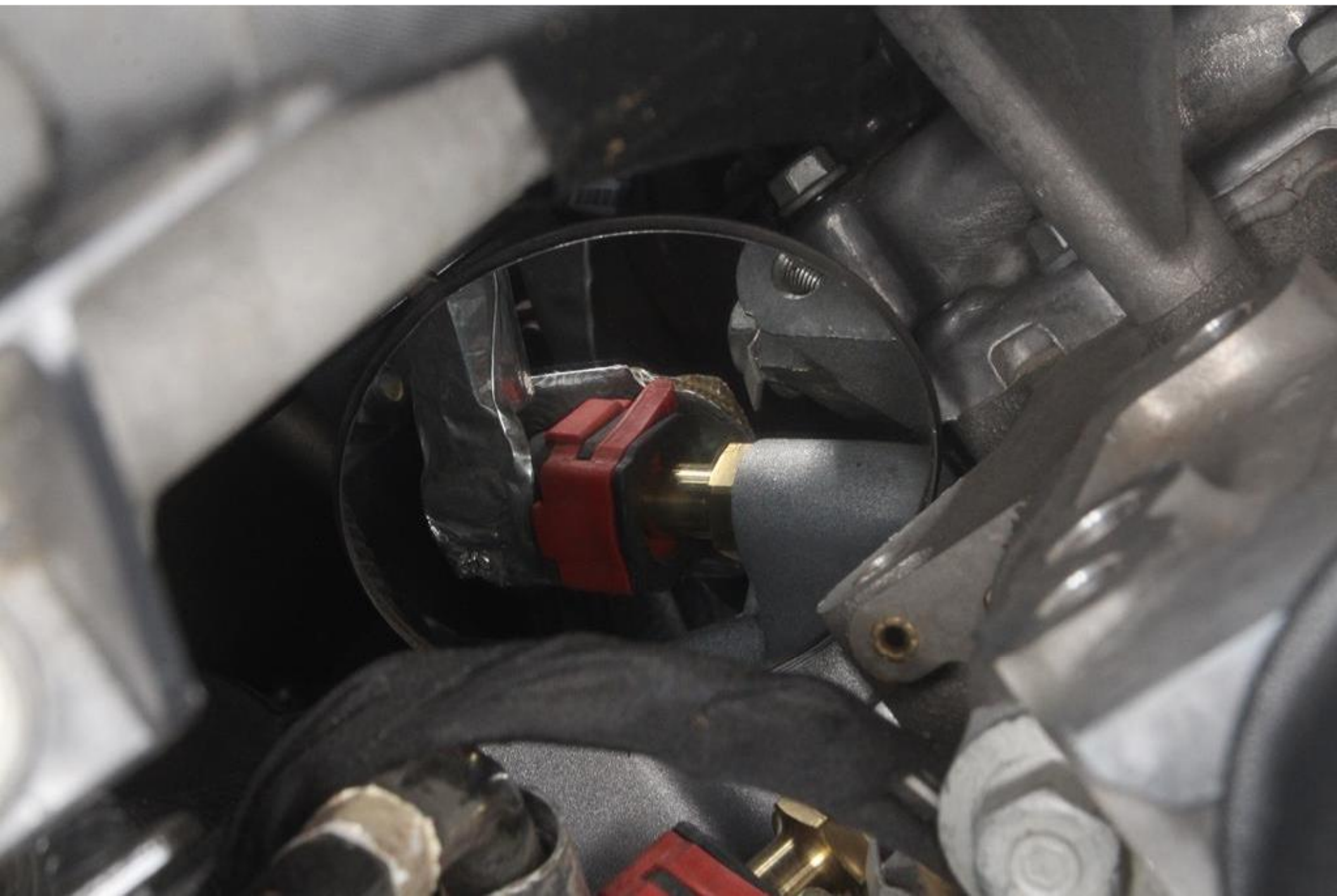


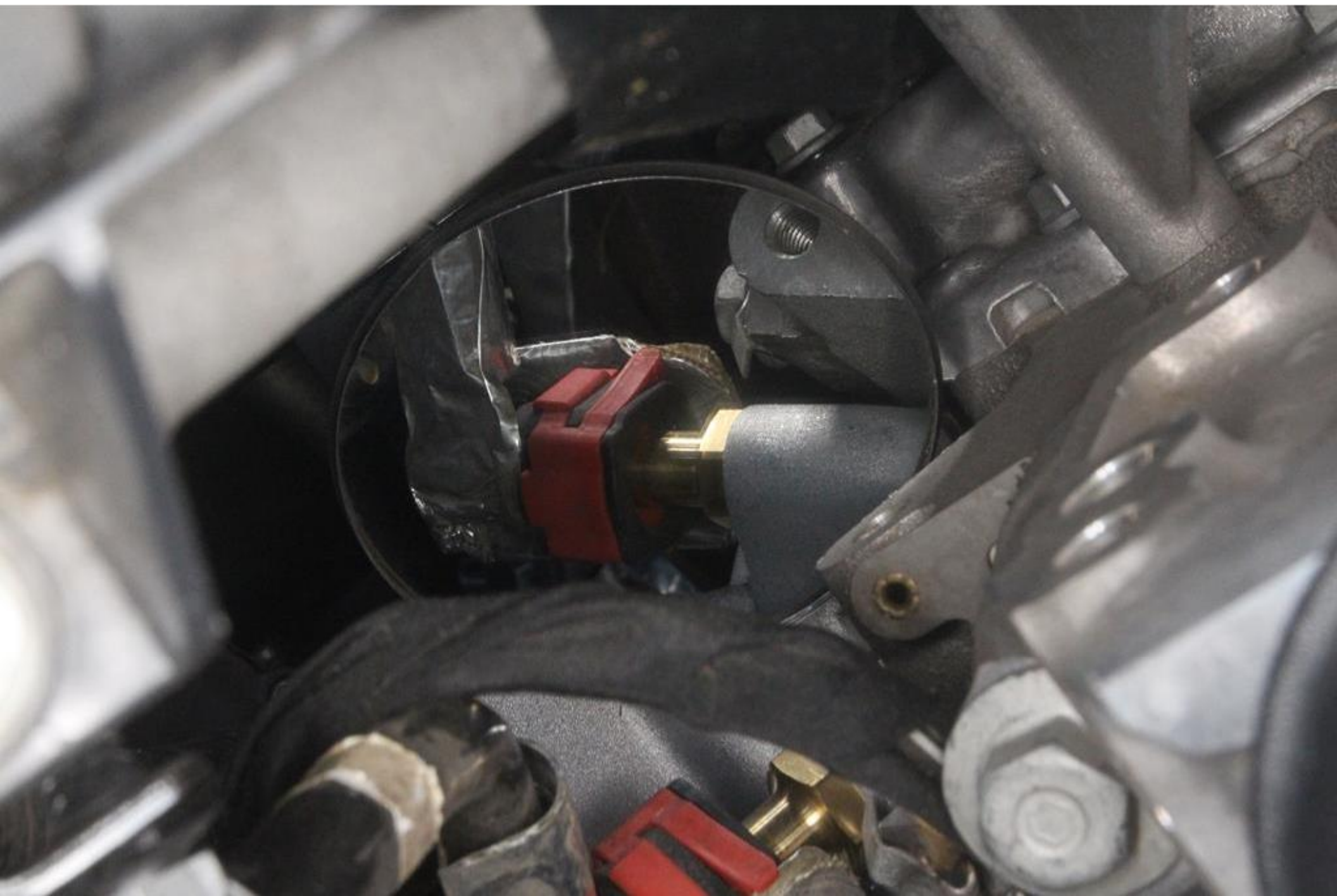
















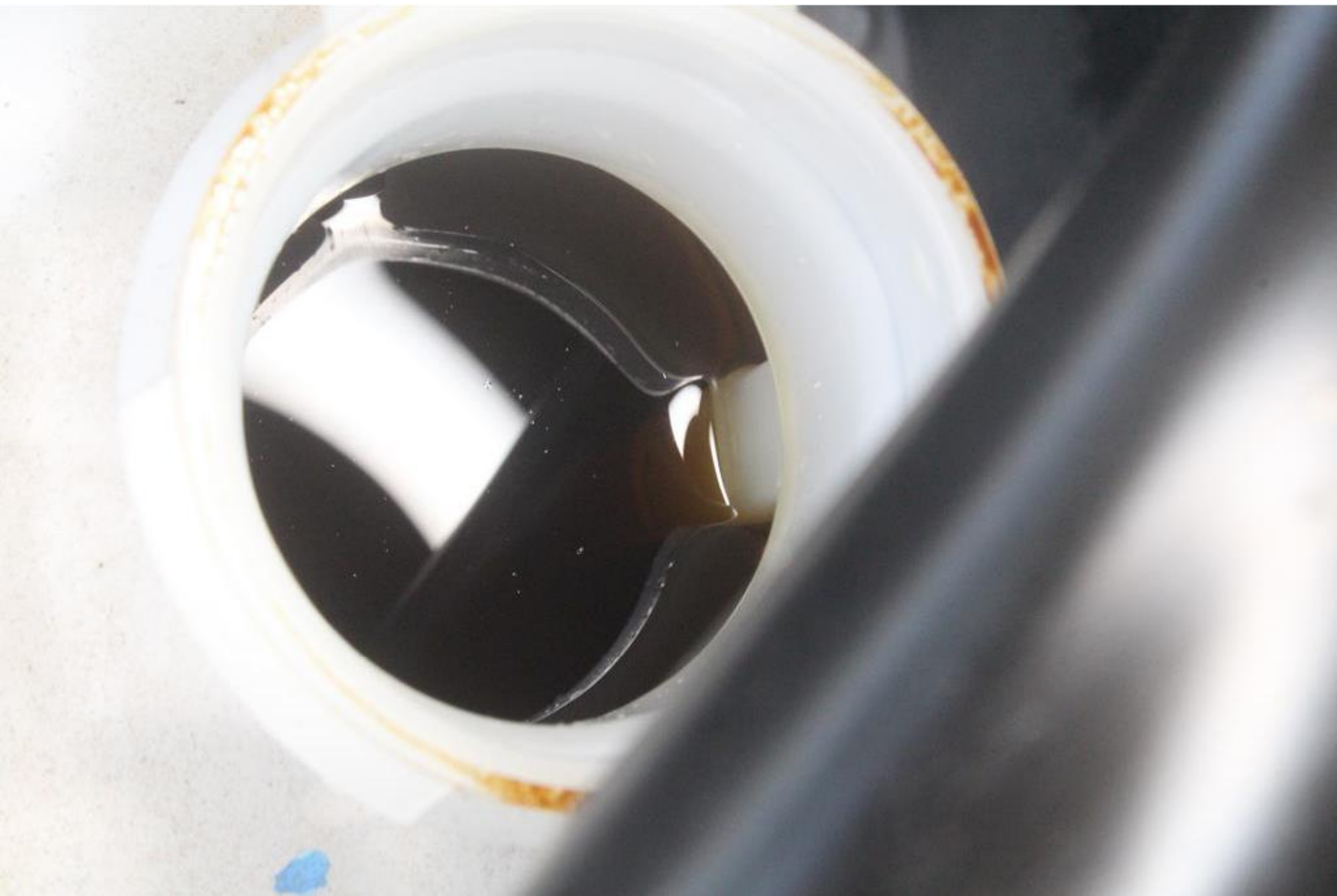




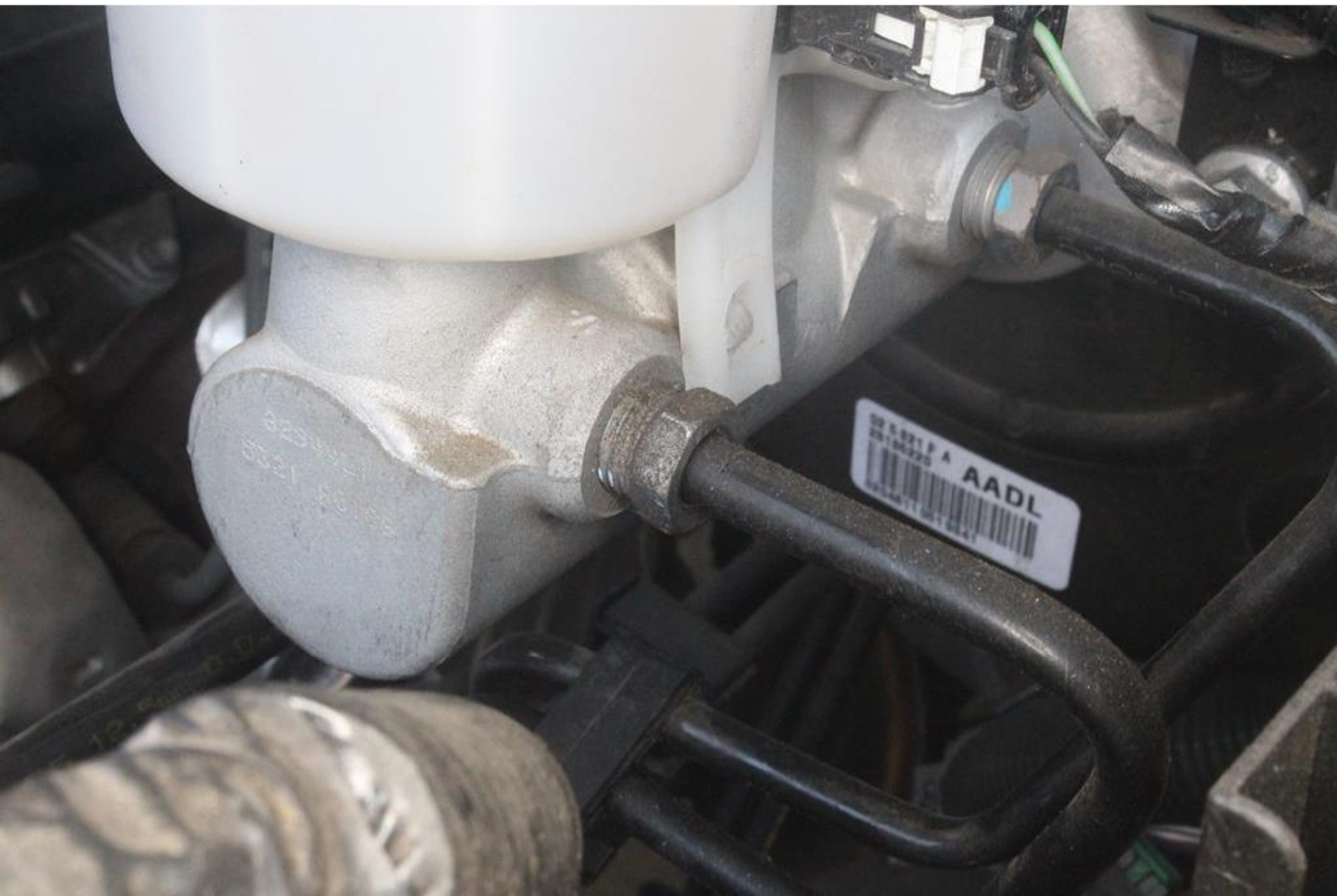


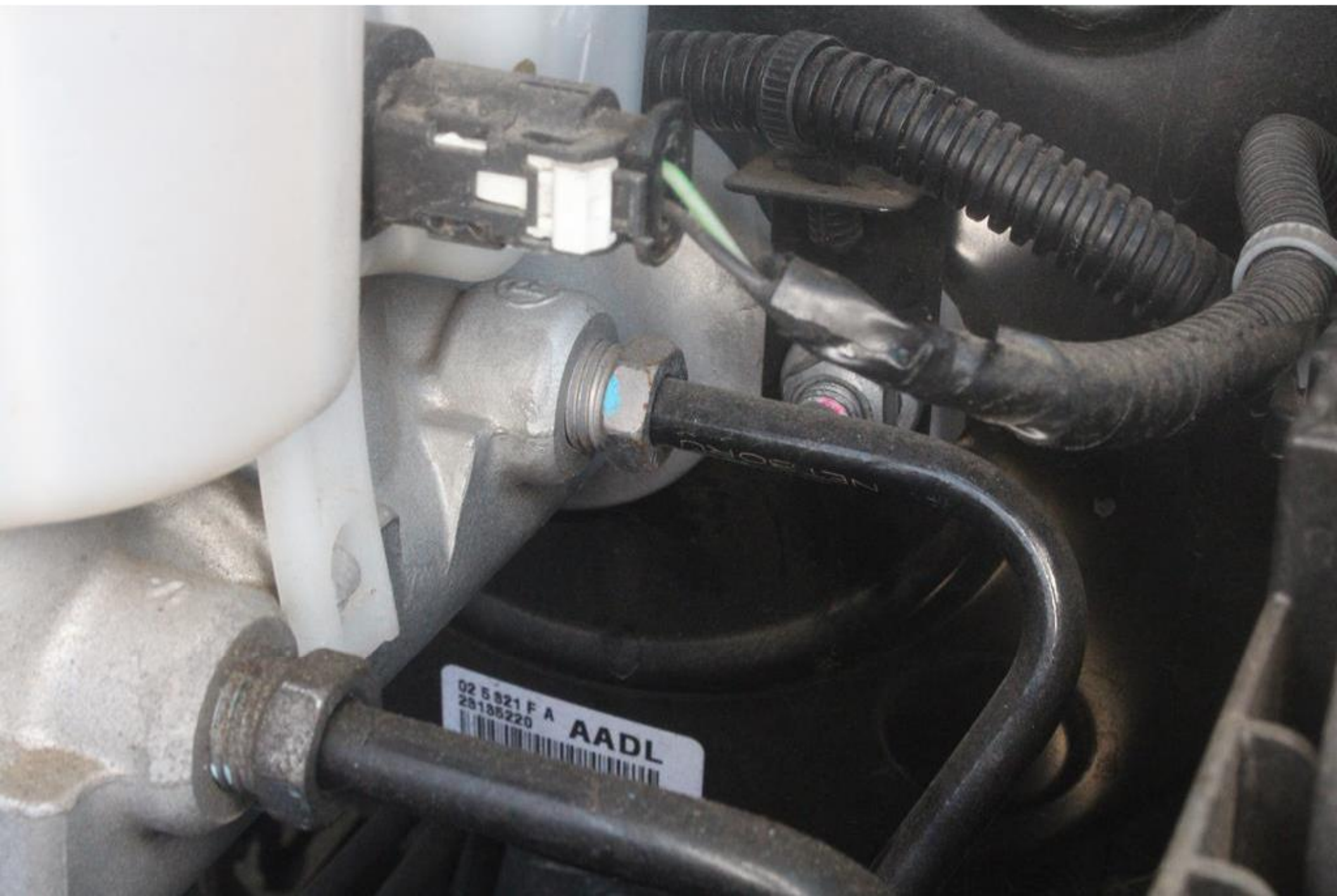






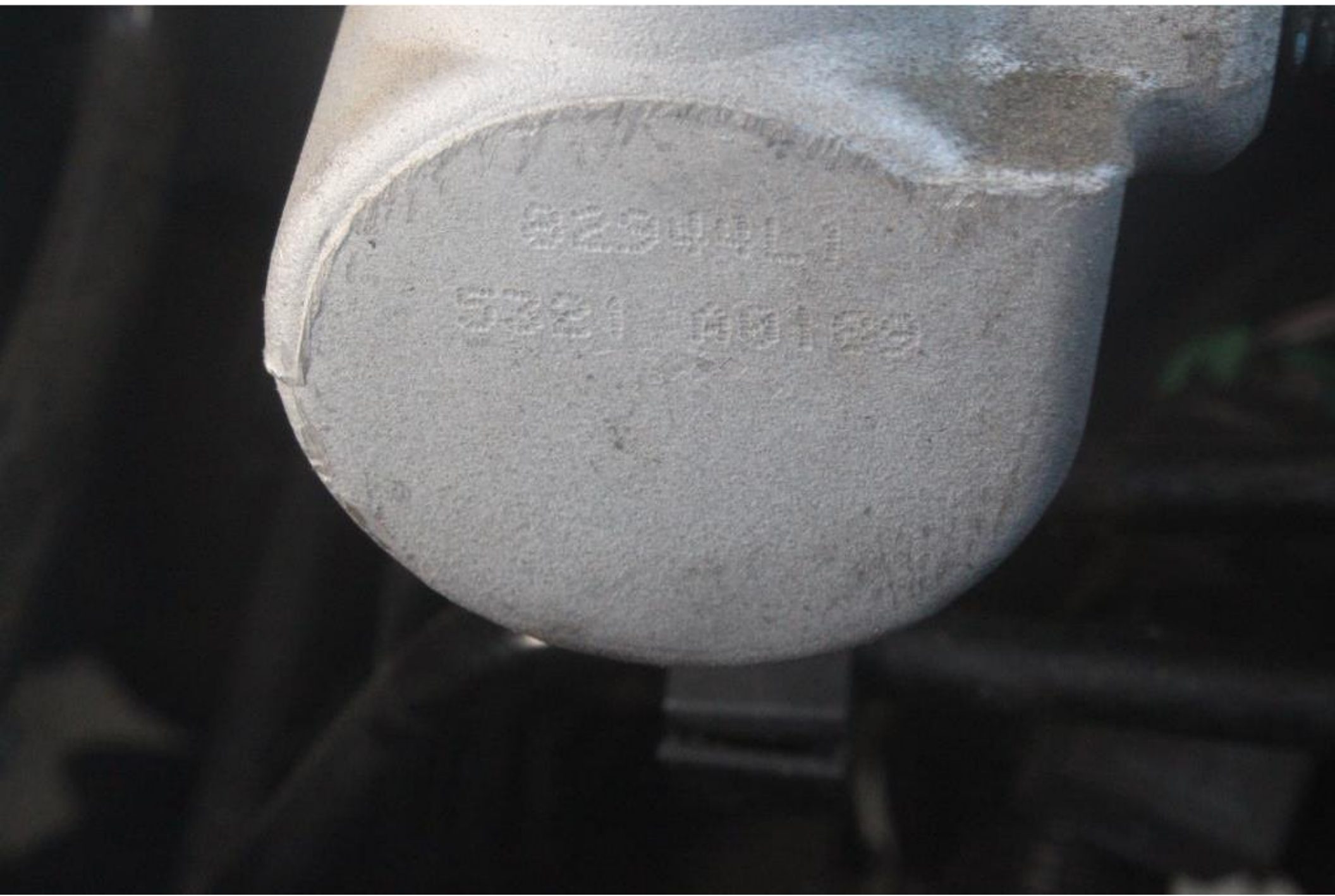






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28185220
AADL







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00 000000
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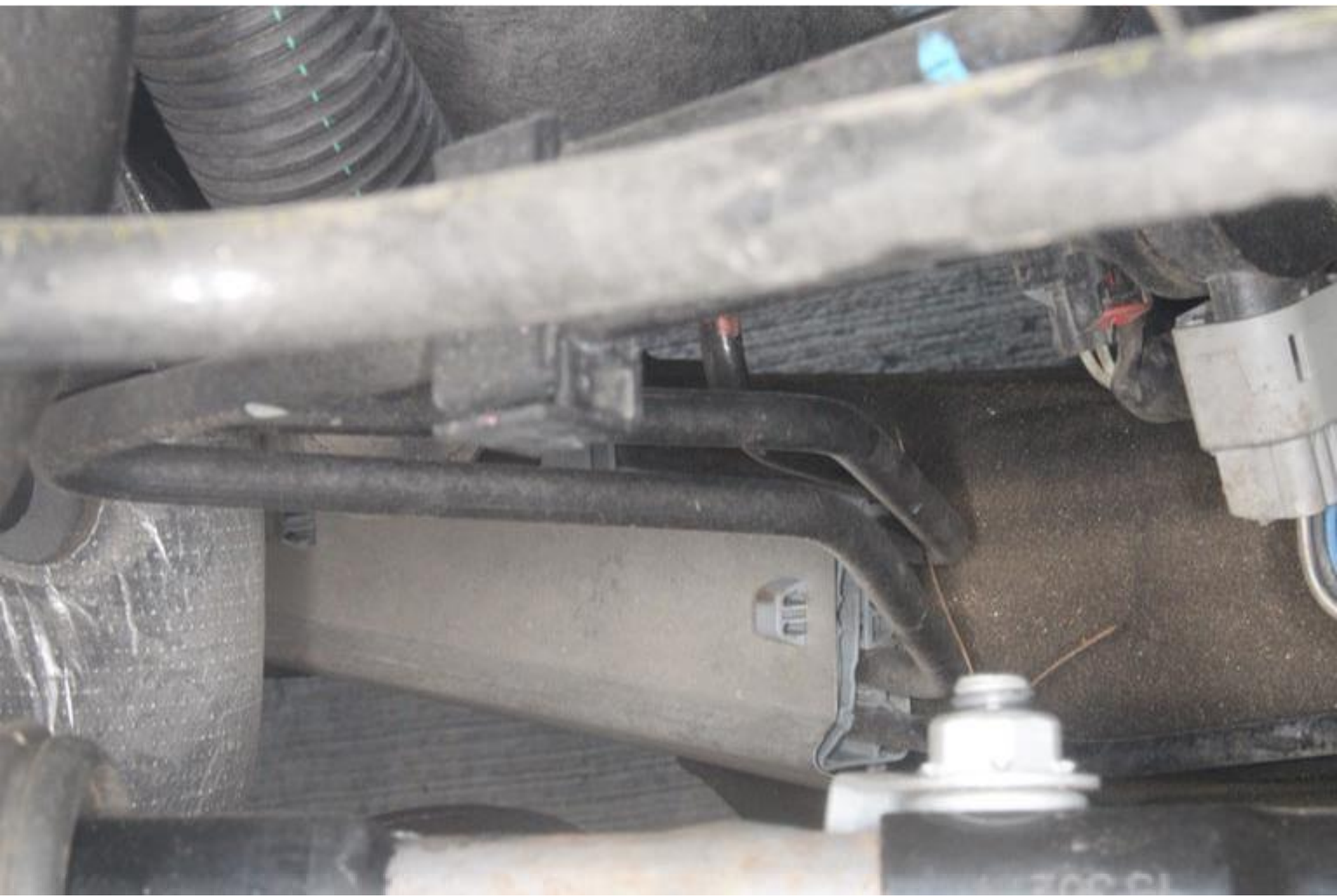
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VTEC
16 VALVE
ELECTRONIC
CONTROL
THROTTLE
BODY
INJECTION
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CONTROL
THROTTLE
BODY
INJECTION
SYSTEM



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14 110
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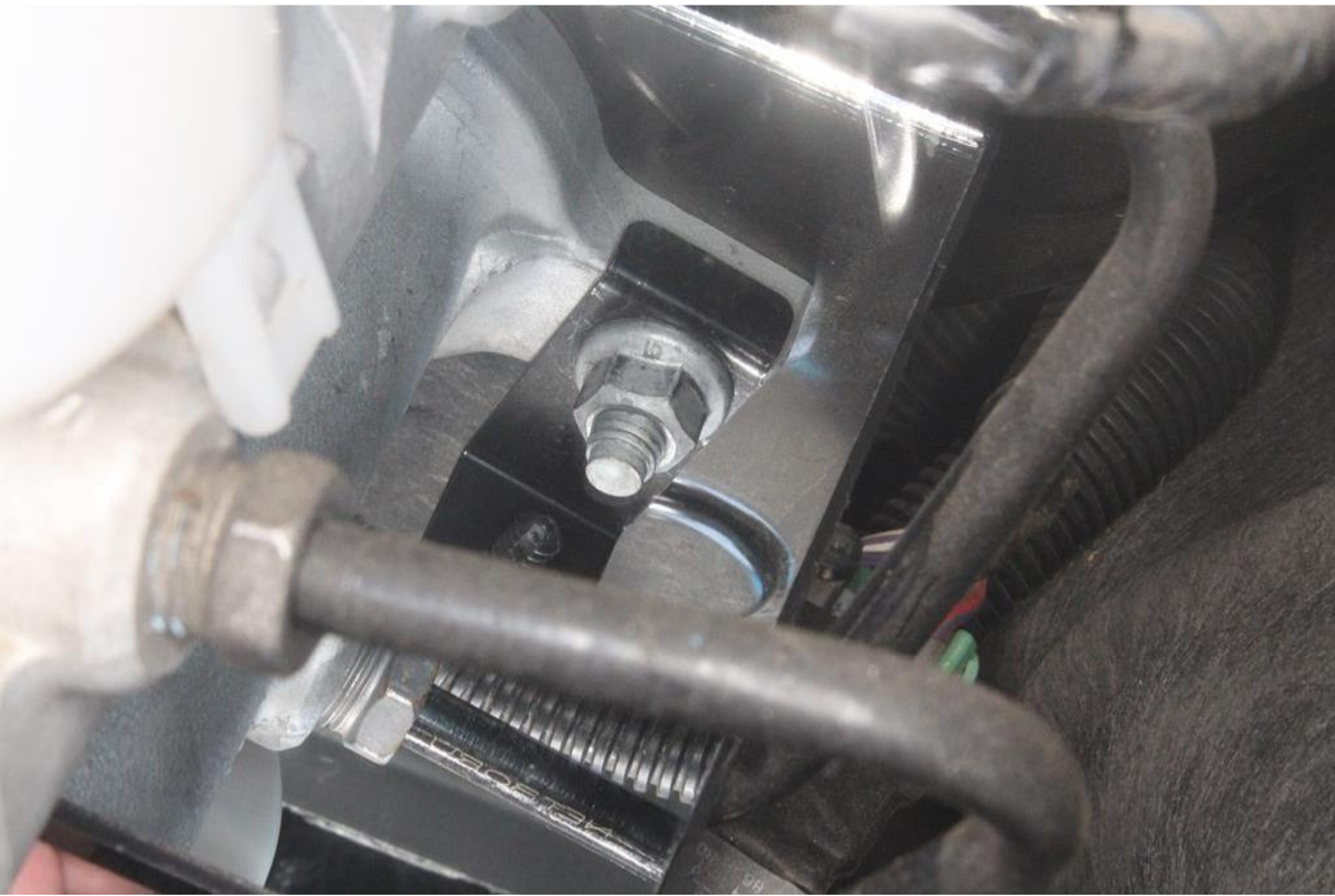
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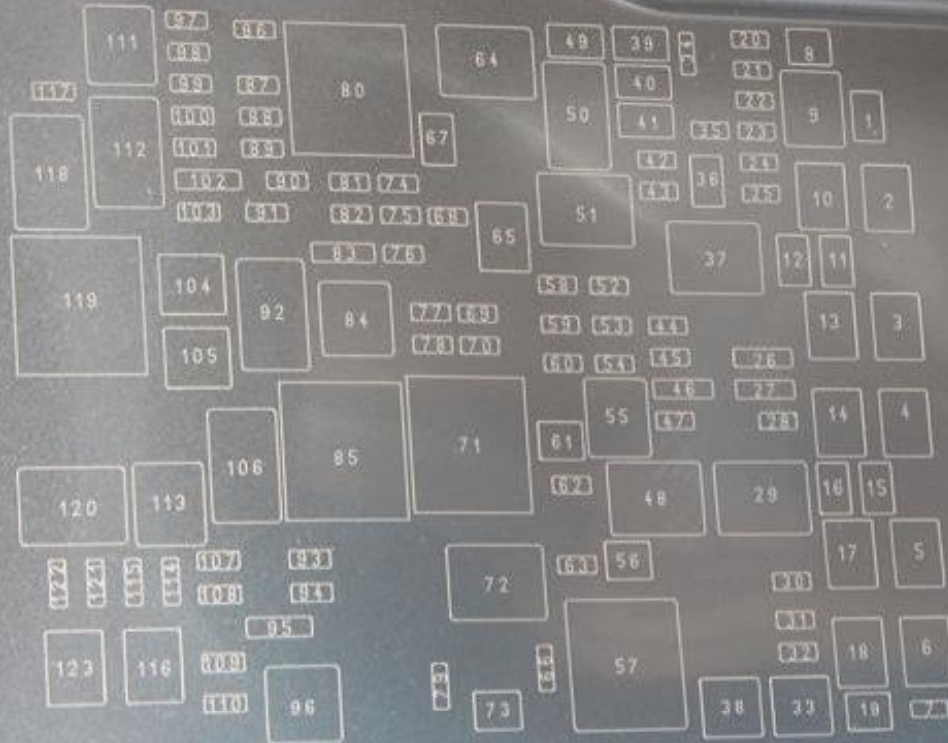






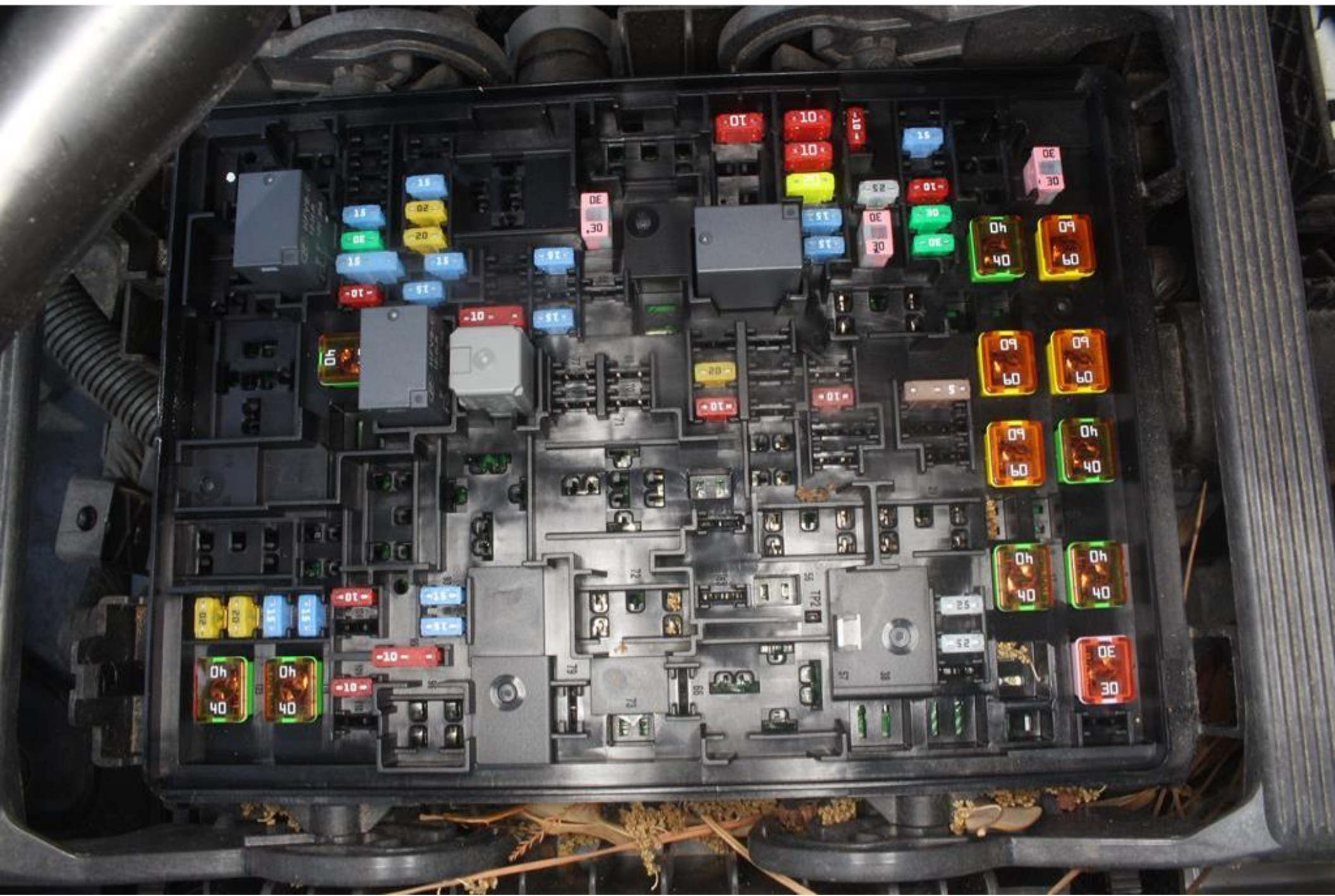
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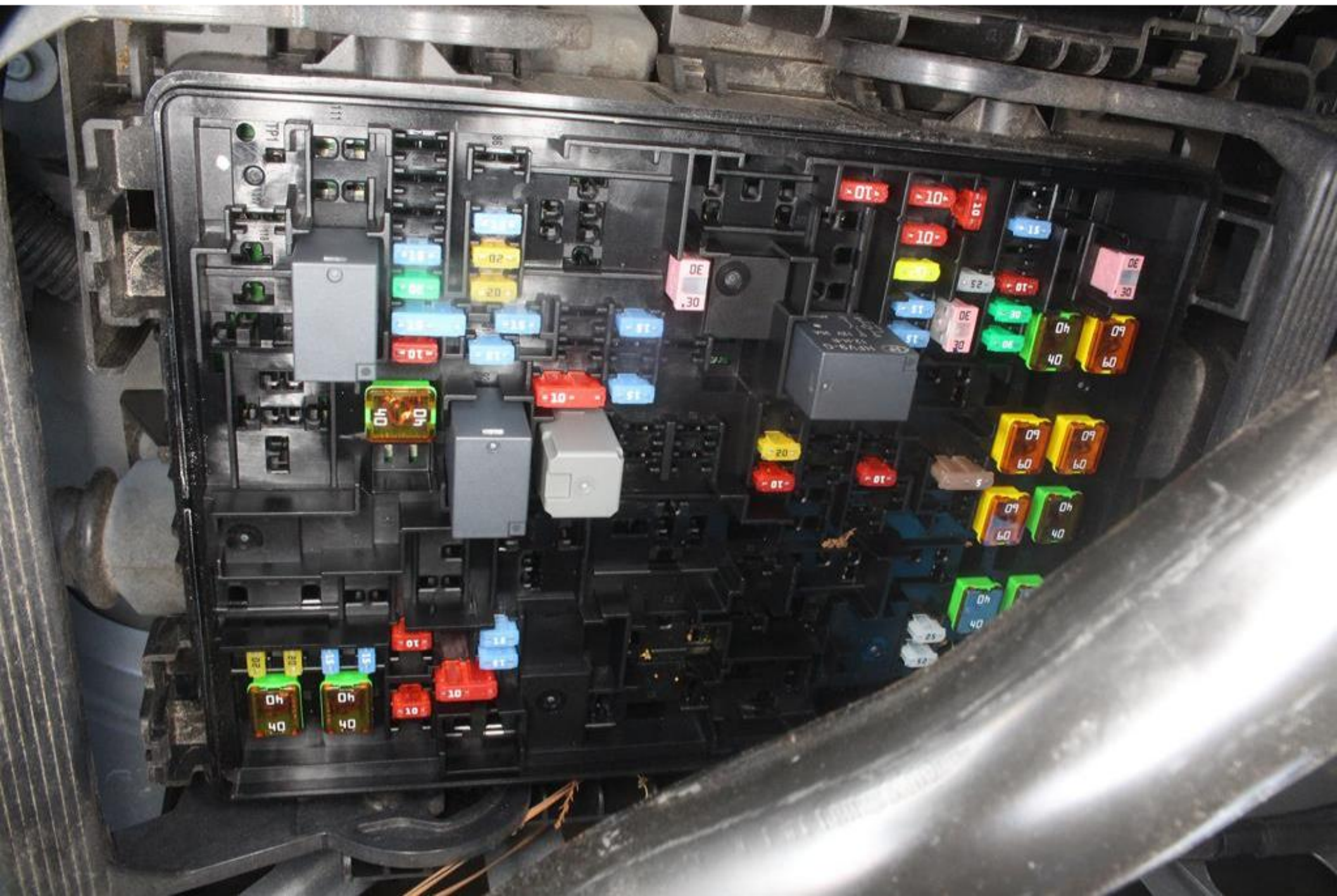
GM #23227061



- | | | |
|----------------------------|-------------------------|-----------------------|
| 1 30A ELEC RNG BOS | 42 15A PRK LP RT | 91 15A THROT CONT |
| 2 60A ABS PUMP | 43 15A PRK LP LT | 92 ECM RLY |
| 3 60A INT BEC LT1 | 44 30A UPF IT 3 | 93 15A HORN |
| 4 40A MSB PASS | 45 10A ALC RUN/CRANK | 94 15A FOG LP |
| 5 40A SUSP LEVELING CMPRSR | 47 30A UPF IT 4 | 95 10A LT/RT HI BEAM |
| 6 30A 4WD TRC | 48 UPF IT 4 RLY | 100 15A O2 A SNER |
| 10 40A ELEC PRK BRK | 49 10A REV LP | 101 30A ECM |
| 13 60A INT BEC LT2 | 51 PRK LP RLY | 102 15A ECM/TCM |
| 14 60A REAR BEC1 | 58 20A EURO TRLR | 103 10A INT HTR ALK |
| 17 40A MSB DRVR | 60 10A A/C CONTRL | 104 40A STRIP |
| 21 15A ALC EXH SOL | 63 30A UPF IT 1 | 107 10A AERO SHUTTER |
| 23 10A ICCM | 67 30A TRLR BATT | 109 10A POLICE UPF IT |
| 24 30A RTD | 69 5A RC UPF IT 3 & 4 | 112 STRTR RLY |
| 25 30A FPPM | 70 5A VBAT UPF IT 3 & 4 | 114 15A FRT WSH |
| 26 5A BATT RVC | 72 UPF IT 1 RLY | 115 15A PR WSH |
| 28 30A UPF IT 2 | 74 15A ECM IGN | 118 40A COOL FAN LT |
| 29 UPF IT 2 RLY | 75 10A MISC IGN SPARE | 121 20A RT HID |
| 30 25A WPR | 76 15A TRANS IGN | 122 20A LT HID |
| 31 25A TIM | 77 5A RC UPF IT 1 & 2 | 123 40A COOL FAN RT |
| 34 10A BCK UP LP | 78 5A VBAT UPF IT 1 & 2 | |
| 35 25A ABS VLV | 83 10A EURO TRLR RC | |
| 36 30A TRLR DFK | 84 RUN/CRNK RLY | |
| 37 UPF IT 3 RLY | 87 15A ENG | |
| 38 10A TRLR STOP TRN RT | 88 20A INJ A OOD | |
| 40 10A TRLR STOP TRN LT | 89 20A INJ B EVEN | |
| 41 20A PRK LP TRLR | 90 15A O2 B SNER | |











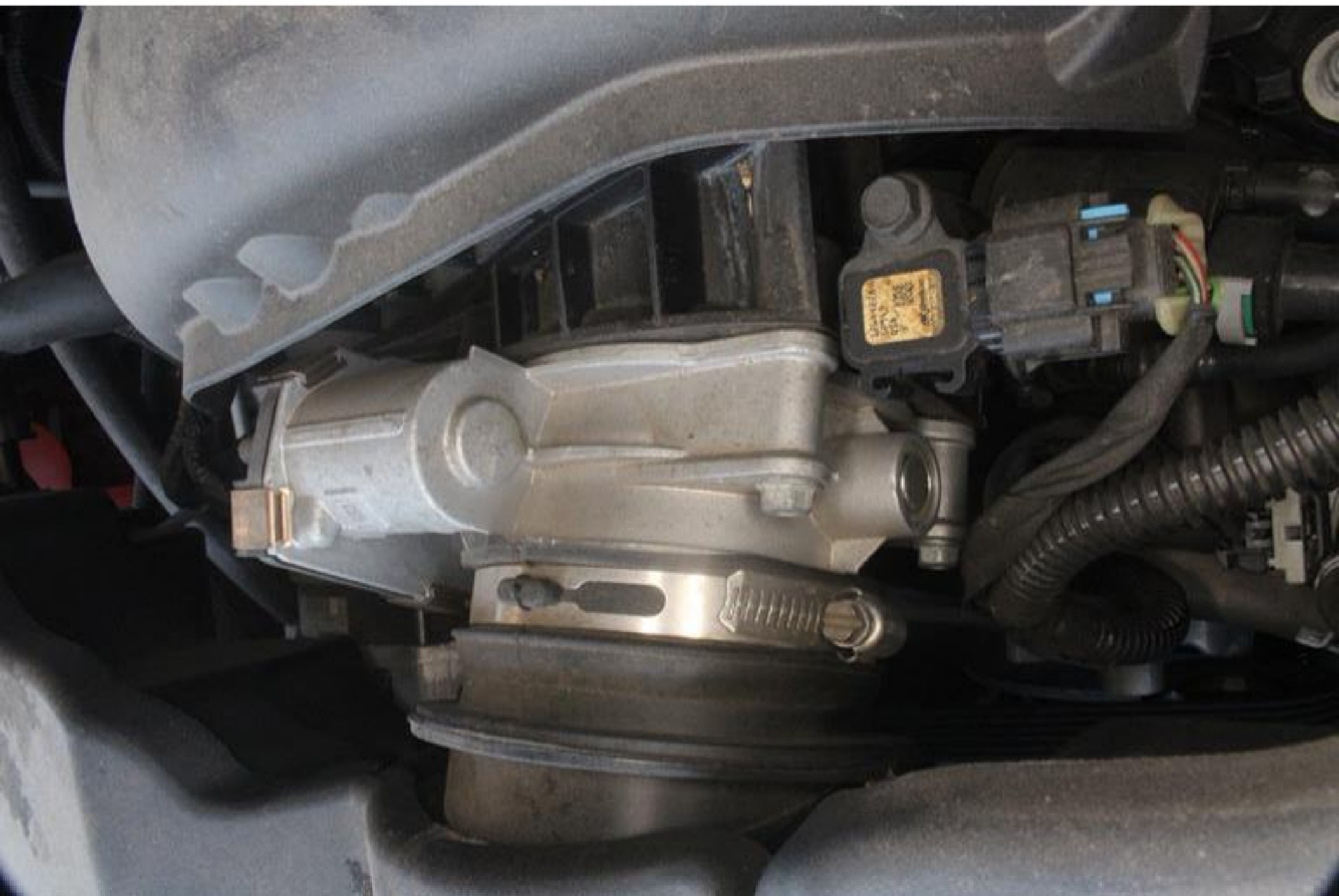






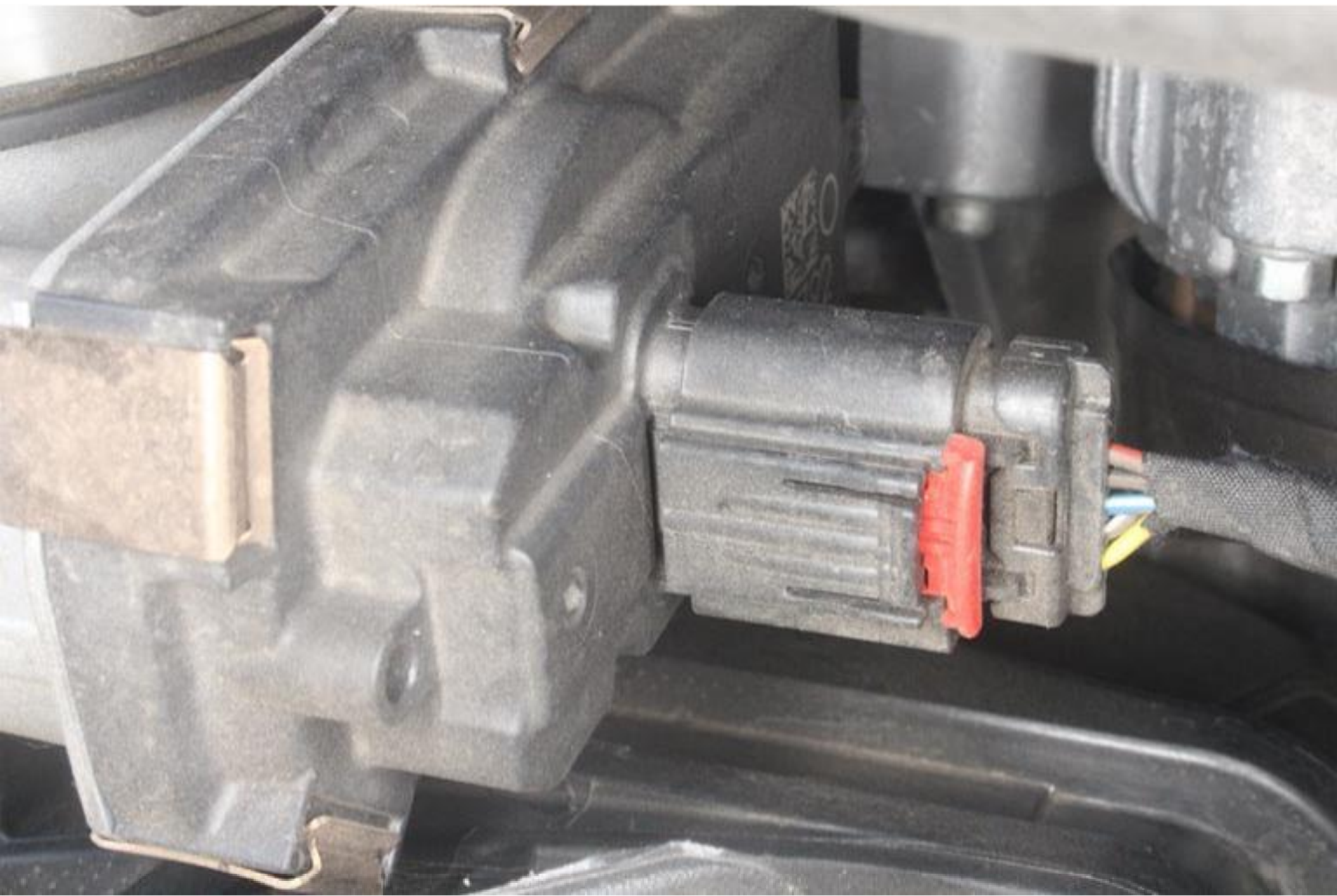








Delco
USA
2644228
52945



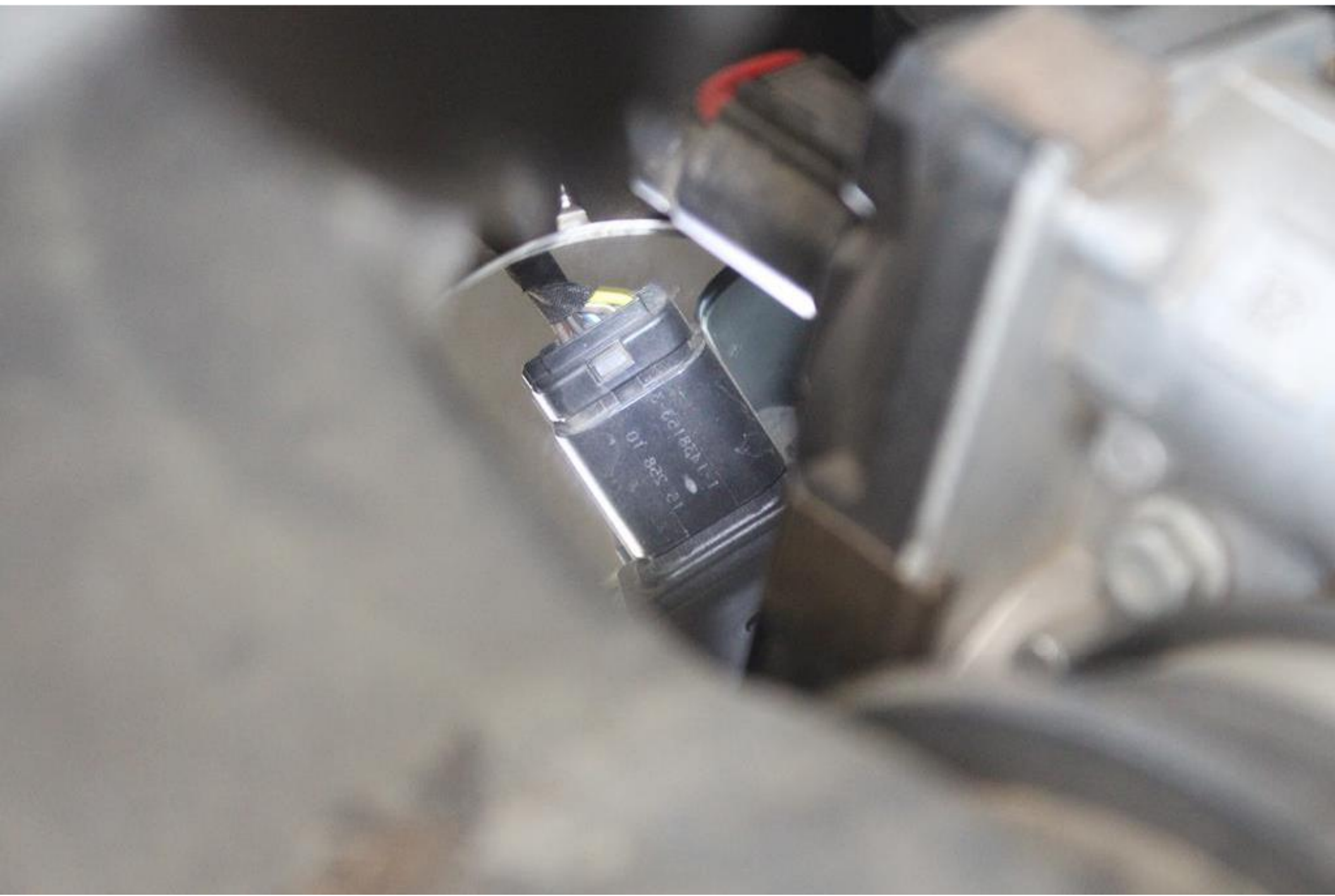


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15/11/25
1795

0789230901002100

1591 1165















VEHICLE EMISSION CONTROL INFORMATION

California Air Resources Board: 2018
U.S. EPA Model: 2018 / 2018
California Model: 2018 / 2018
VIN: 1G1YB1H1511411946
EPA: 18-11-01-001-000000000000 / 31-30 and 30K: 60MKN023540
GENERAL MOTORS, G.M. MODEL 11

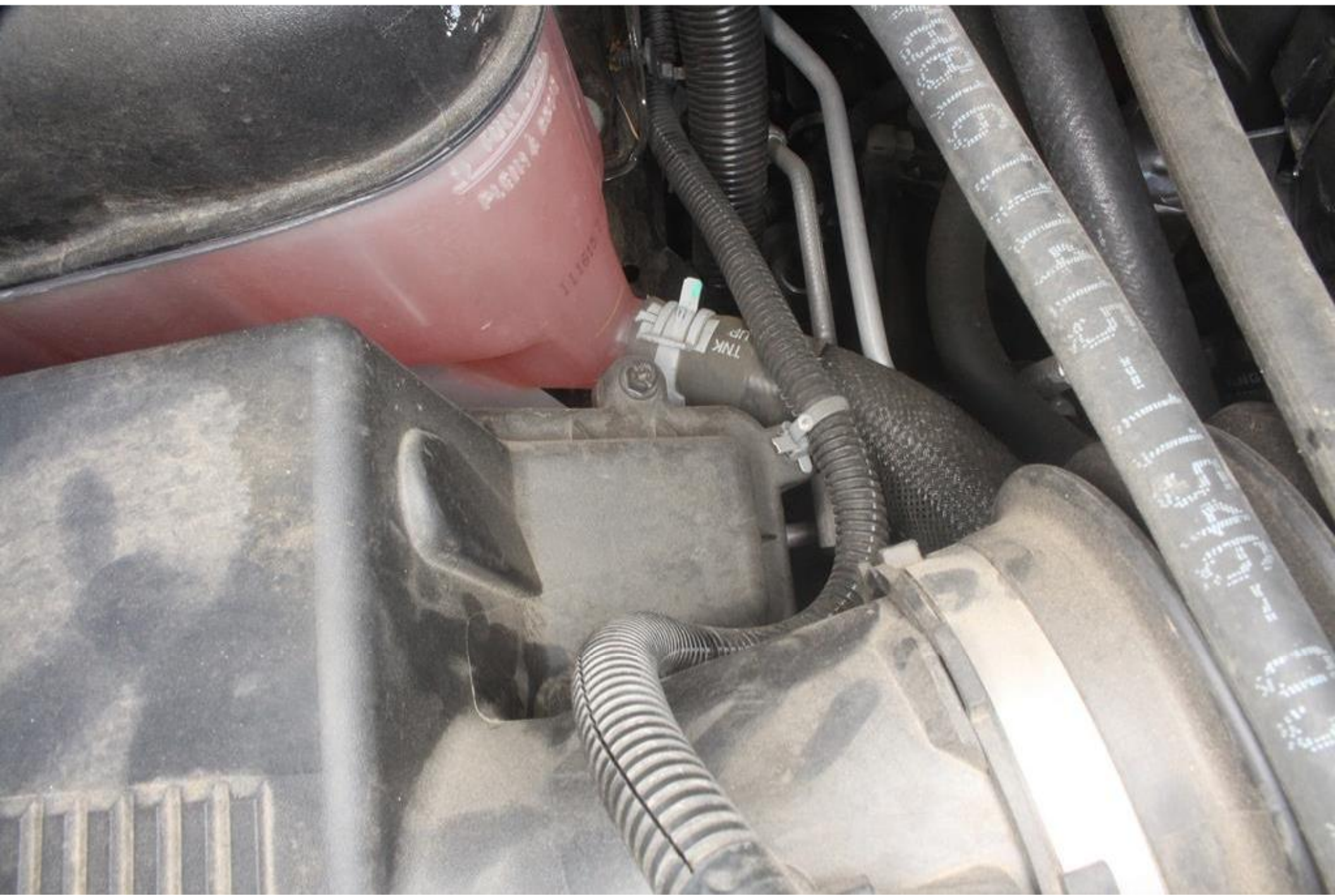
GM GENERAL MOTORS

32072

LS9799

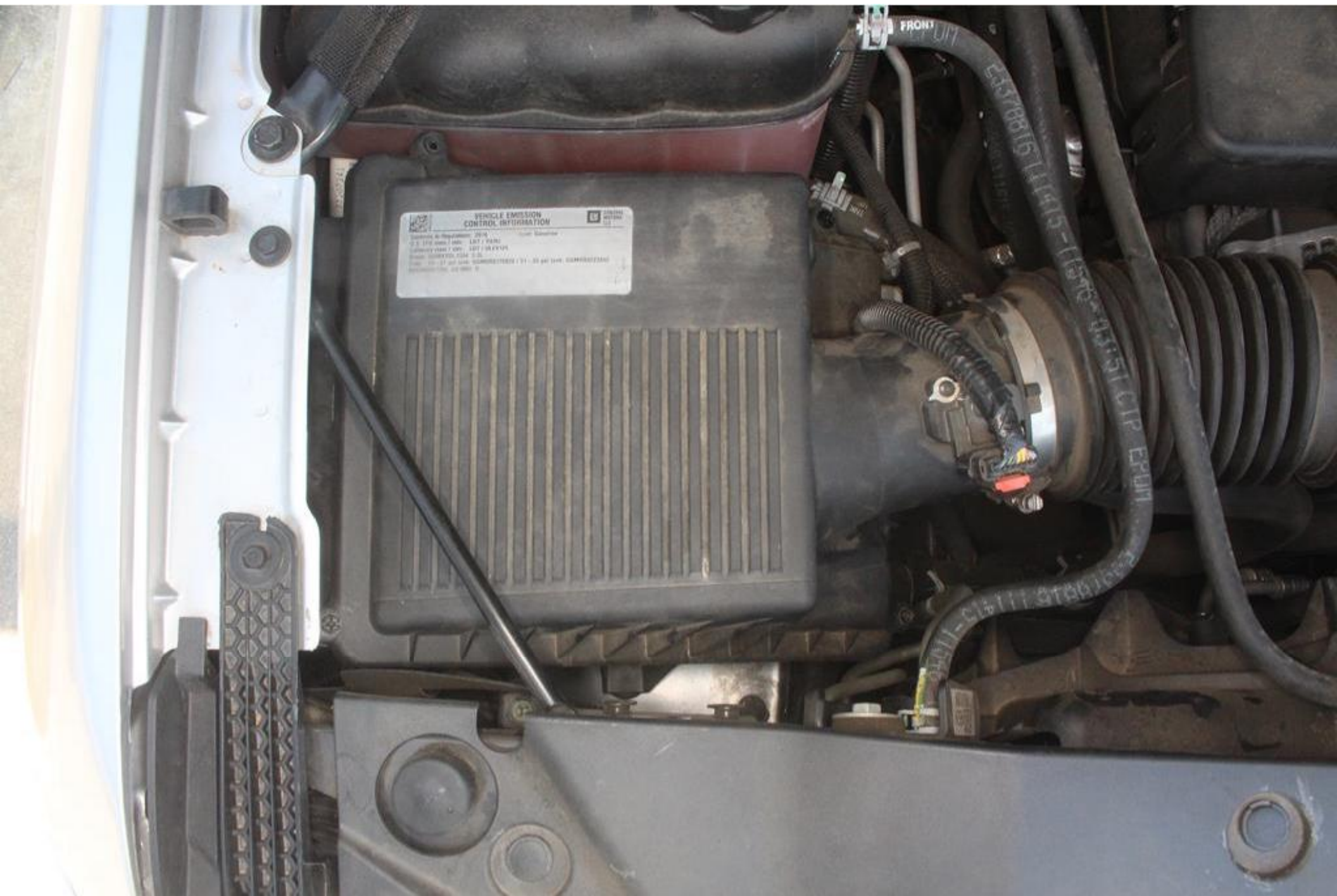
 **VEHICLE EMISSION CONTROL INFORMATION**  **GENERAL MOTORS LLC**

Conforms to Regulations: 2016
U.S. EPA class / stds: LDT / TIER2 Fuel: Gasoline
California class / stds: LDT / ULEV125
Group: GGMXT05.3384 5.3L
Evap: 26-27 gal tank: GGMXR0176820 / 31-35 gal tank: GGMXR0176820
DGI/H02S/TWC, CA OBD: II



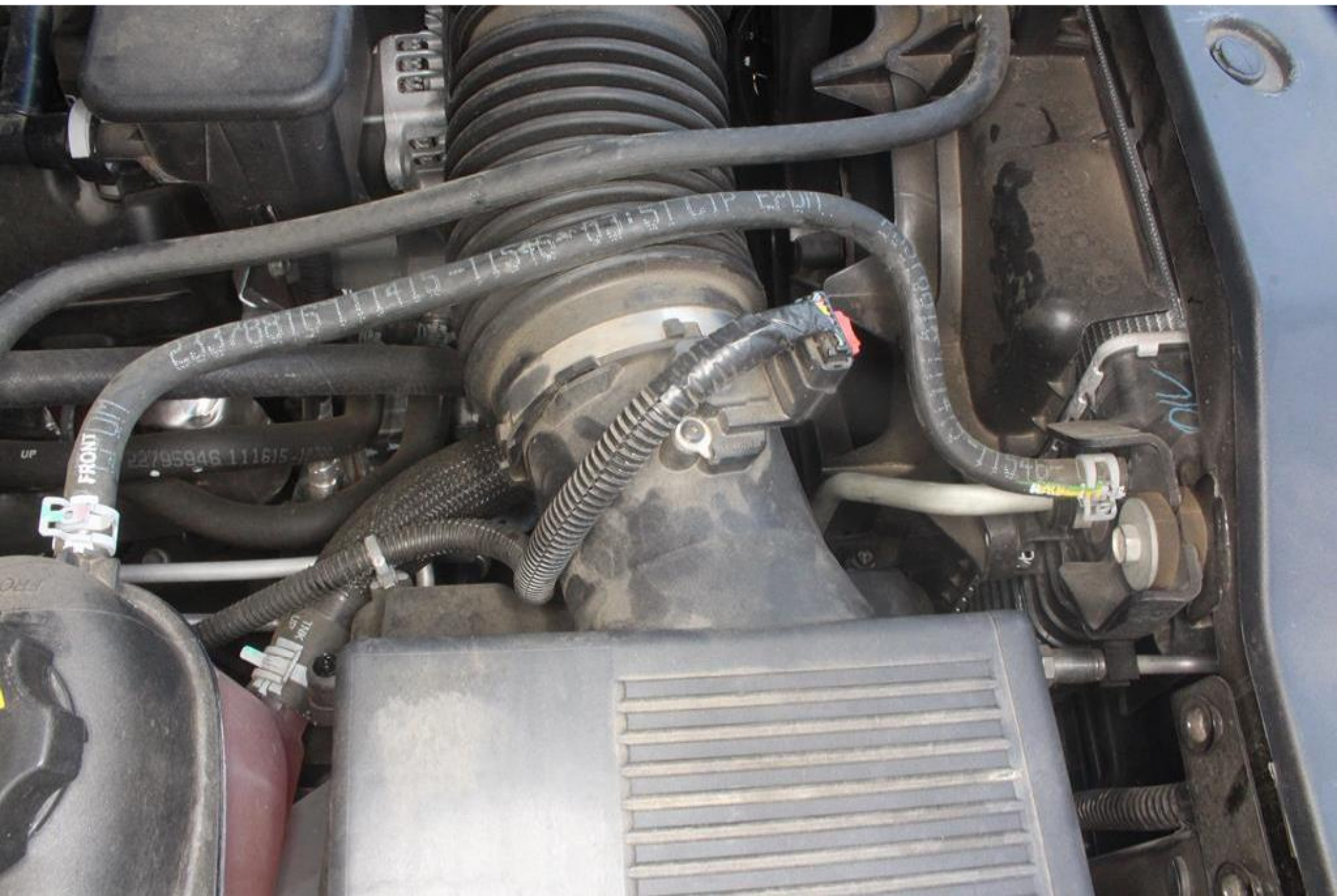






VEHICLE EMISSION CONTROL INFORMATION

Model: 2014
EPA Fuel Economy: 24 city / 34 hwy / 28 combined mpg
EPA Emissions: 187 tailpipe CO₂ (g/mi), 147 tailpipe NO_x (ppm), 0.015 tailpipe PM₁₀ (g/mi)
EPA Emissions: 187 tailpipe CO₂ (g/mi), 147 tailpipe NO_x (ppm), 0.015 tailpipe PM₁₀ (g/mi)
EPA Emissions: 187 tailpipe CO₂ (g/mi), 147 tailpipe NO_x (ppm), 0.015 tailpipe PM₁₀ (g/mi)
EPA Emissions: 187 tailpipe CO₂ (g/mi), 147 tailpipe NO_x (ppm), 0.015 tailpipe PM₁₀ (g/mi)



332072
56156

 **VEHICLE EMISSIONS CONTROL INFORMATION**  GENERAL MOTORS

Conforms to Regulations: 2016 Fuel: Gasoline
U.S. EPA class / stds: LD1 / TIER2
California class / stds: LD1 / ULEV125
Group: GGMXT05.3384 5.3L
Evap: 25-27 gal tank: GGMXR0176820 / 31-39 gal tank: GGMXR0223840
DGI/HO2S/TWC, CA OBD: II





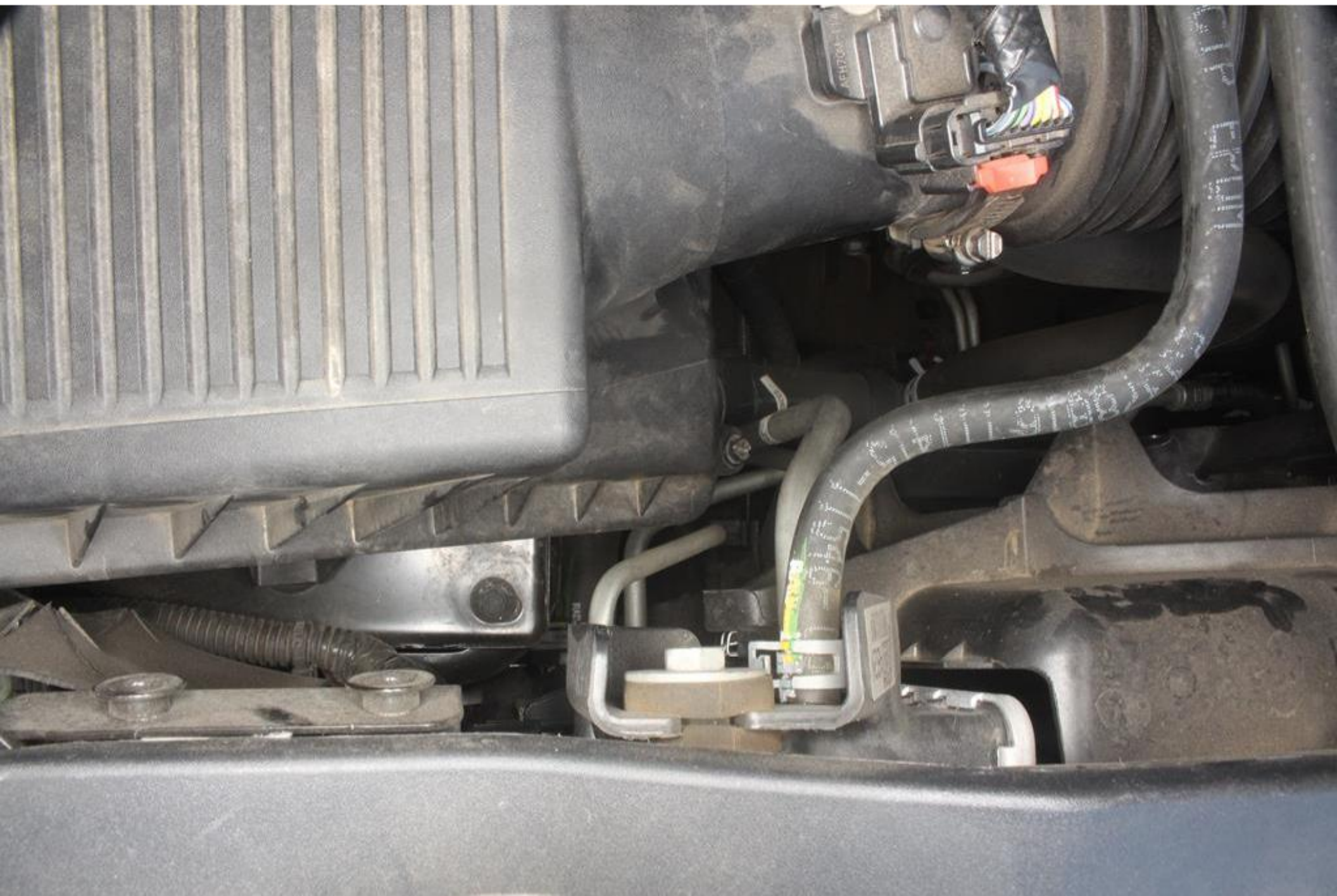
**VEHICLE EMISSION
CONTROL INFORMATION**



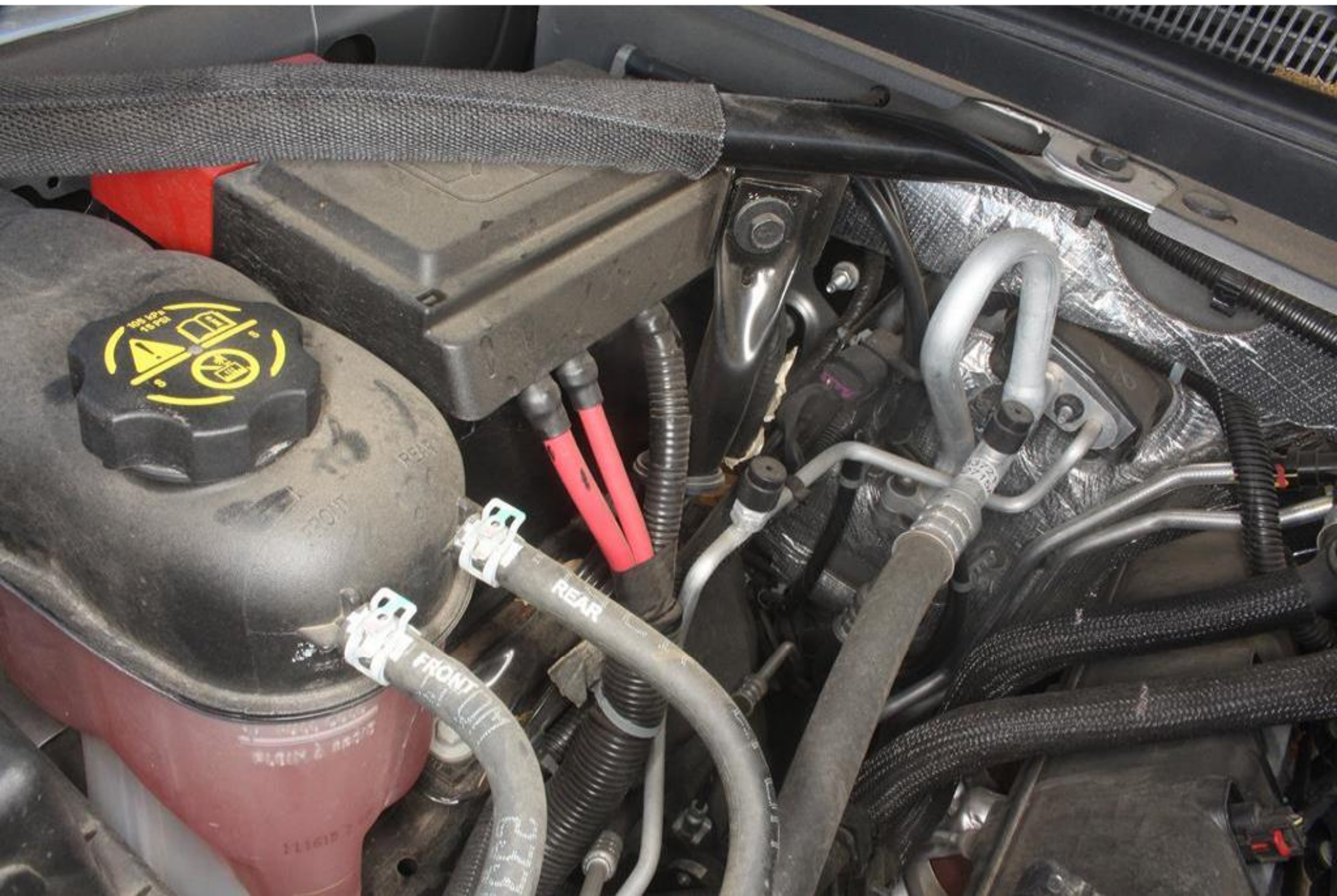
GENERAL
MOTORS
LLC

Conforms to Regulations: 2016 Fuel: Gasoline
U.S. EPA class / stds: LDT / TIER2
California class / stds: LDT / ULEV125
Group: GGMXT05.3384 5.3L
Evap: 25-27 gal tank: GGMXR0176820 / 31-35 gal tank: GGMXR0223840
DGI/HO2S/TWC, CA OBD: II



























MICHELIN

4.3 mm





66137

DOT 080R - DH4 (4215)

102

MAX LOAD 1000
AT 300 KPa (4.35)

ZC779Q

DOT OBOR

DH4

4215

BRIDGESTONE



SAFETY WARNING:

- THE FLOOR MAT IS NOT TO BE USED AS A CHILD SEAT OR CHILD SAFETY SEAT.
- EXPLOSION OF CERTAIN AIRBAGS CAN BE HAZARDOUS TO LIFE.
- ONLY SEATING MANUFACTURERS SHOULD REMOVE THIS MAT.

TPC 6256, 1427MS
P286/45R22 110H M/S







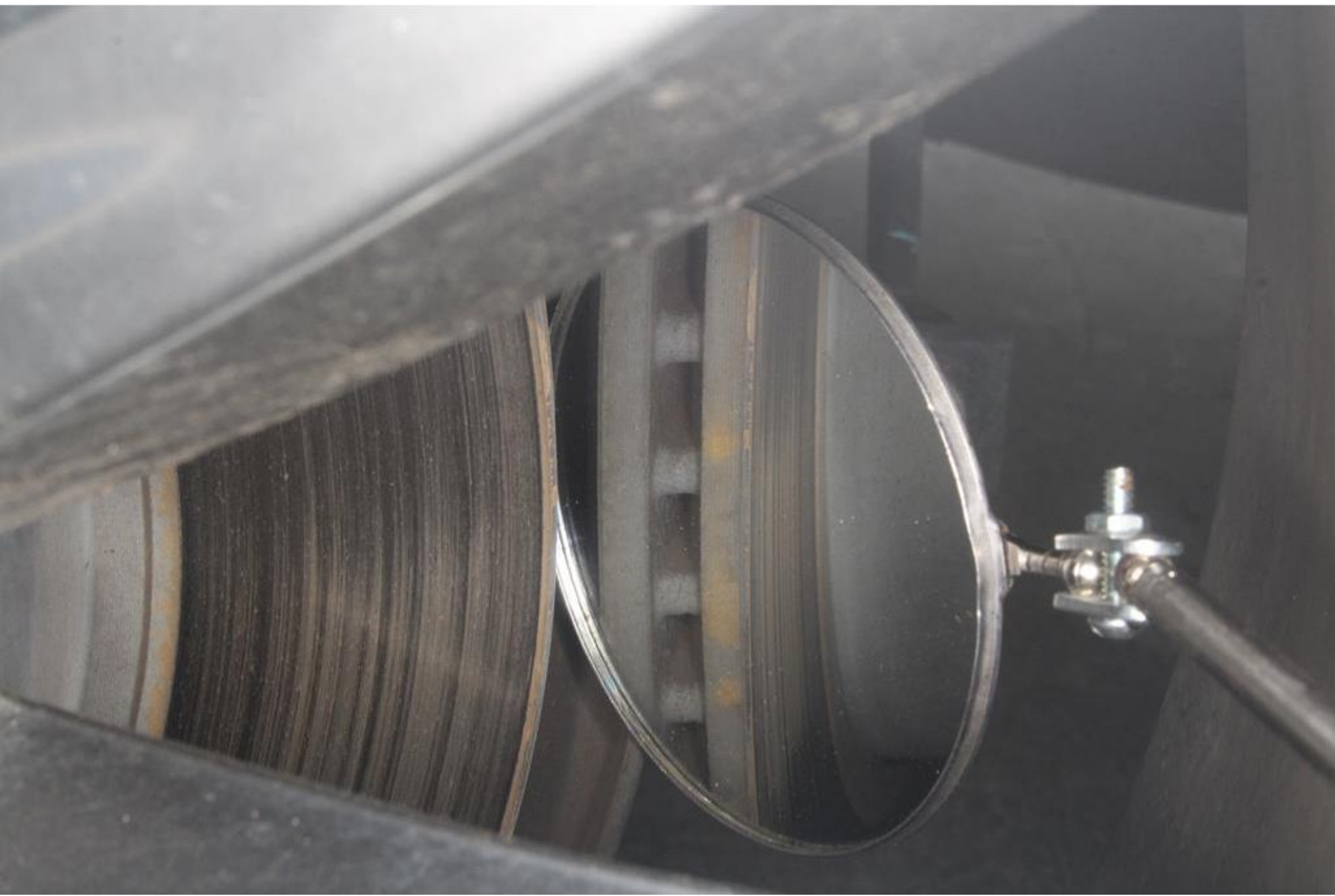


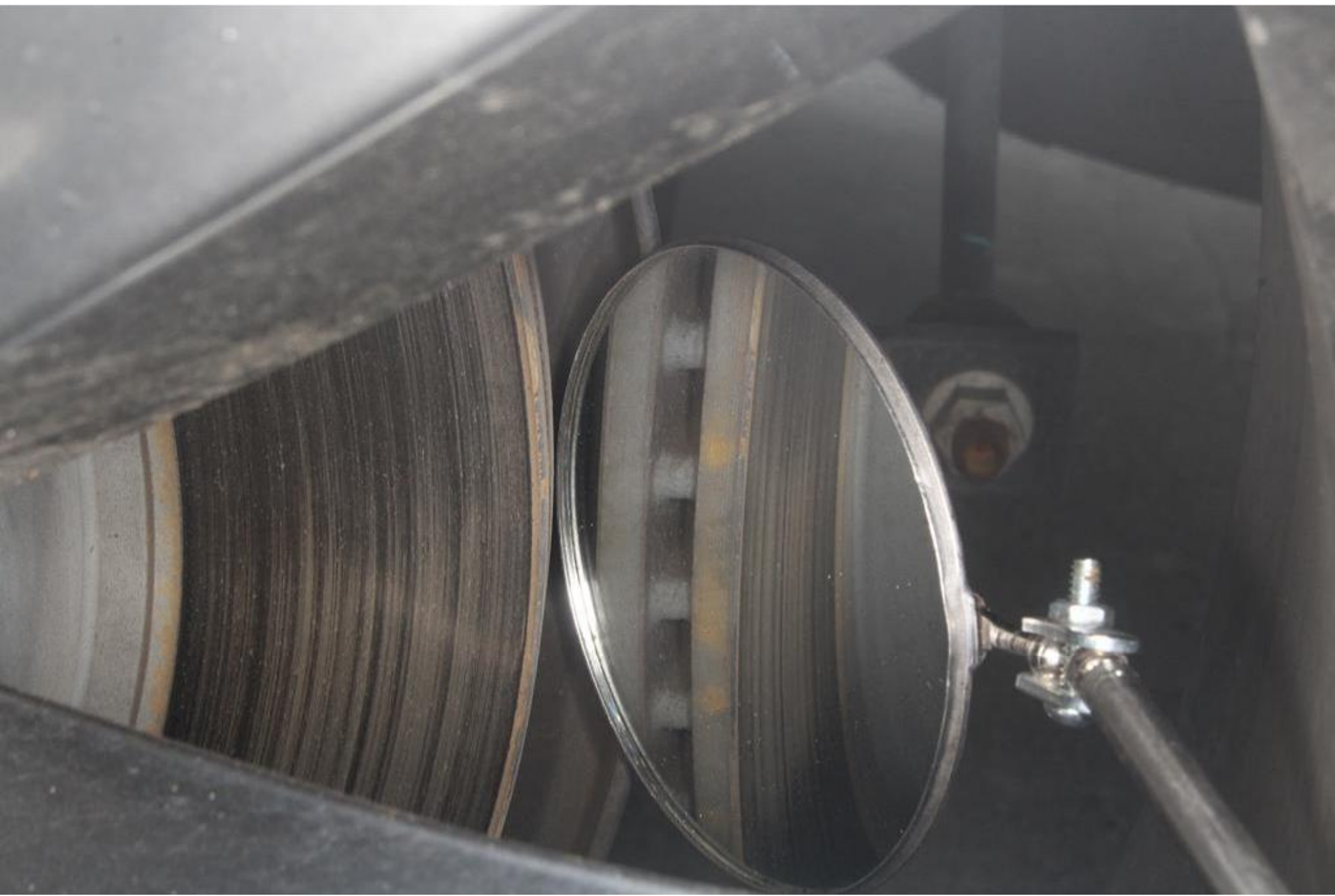
N2

P285/45R22 MOH M+S

HMM























DUNLOP

SIN CÁMARA

TUBELESS





MICHELIN

3.1 mm











HIL

DA LN HZ

110H-M+S-

SIN CAMARA

TUBELESS

ROAD



DALNHZ

SIN CÁMARA

TUBELESS

RADIAL

PIRELLI ALENZA

FEAR

FEAR

P285/45R22 110H



TPC SPEC. 1427MS

P285/45R22 110H M+S

SAFETY WARNING:
SERIOUS INJURY MAY RESULT FROM

- FIRE FAILURE DUE TO UNDERINFLATION/OVERLOADING OF TIRE
 - EXPLOSION OF TIRE/BI ASSEMBLY DUE TO IMPROPER MOUNTING
- ONLY SPECIALLY TRAINED PERSONS SHOULD MOUNT TIRES

RADIAL



96157

DOT

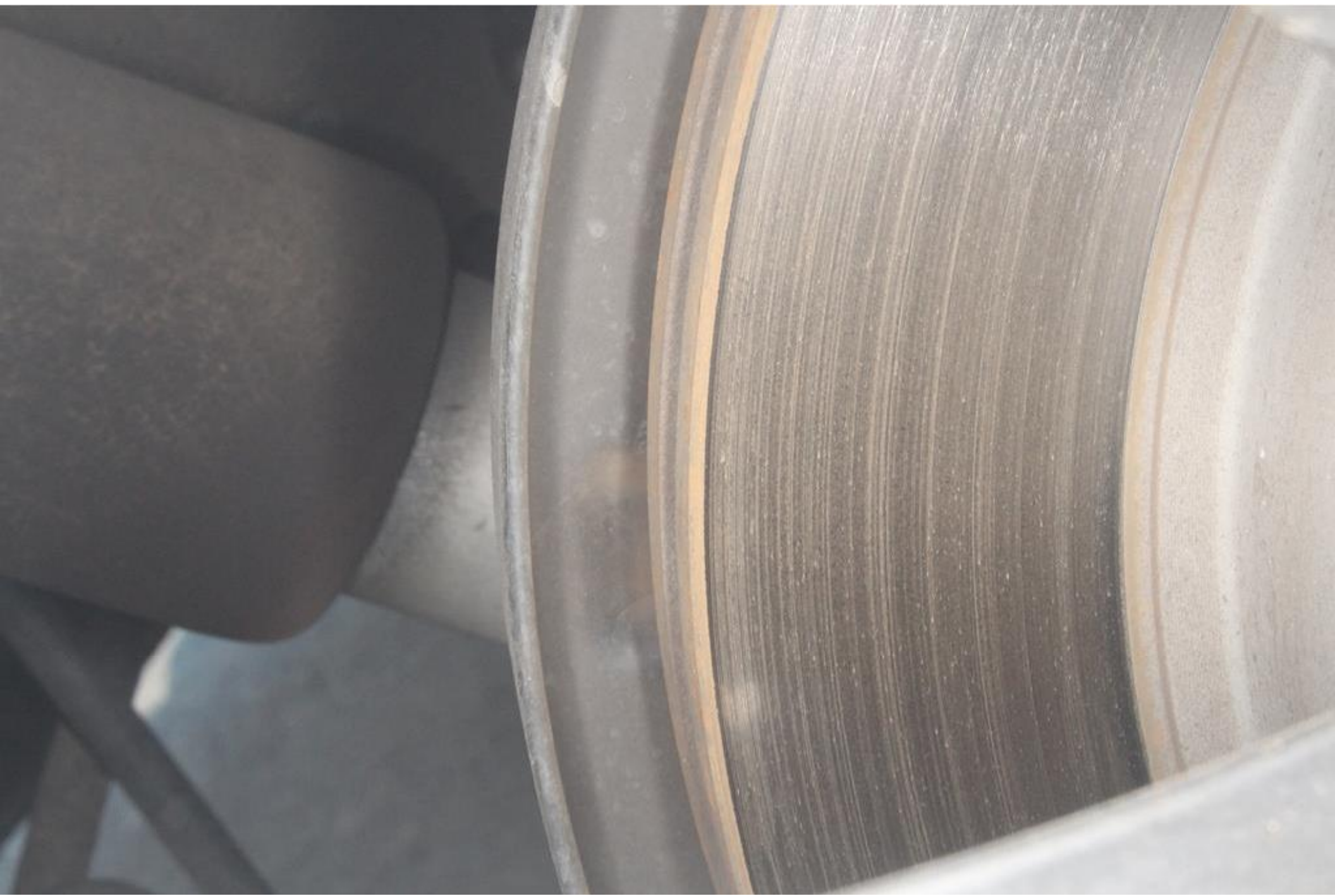
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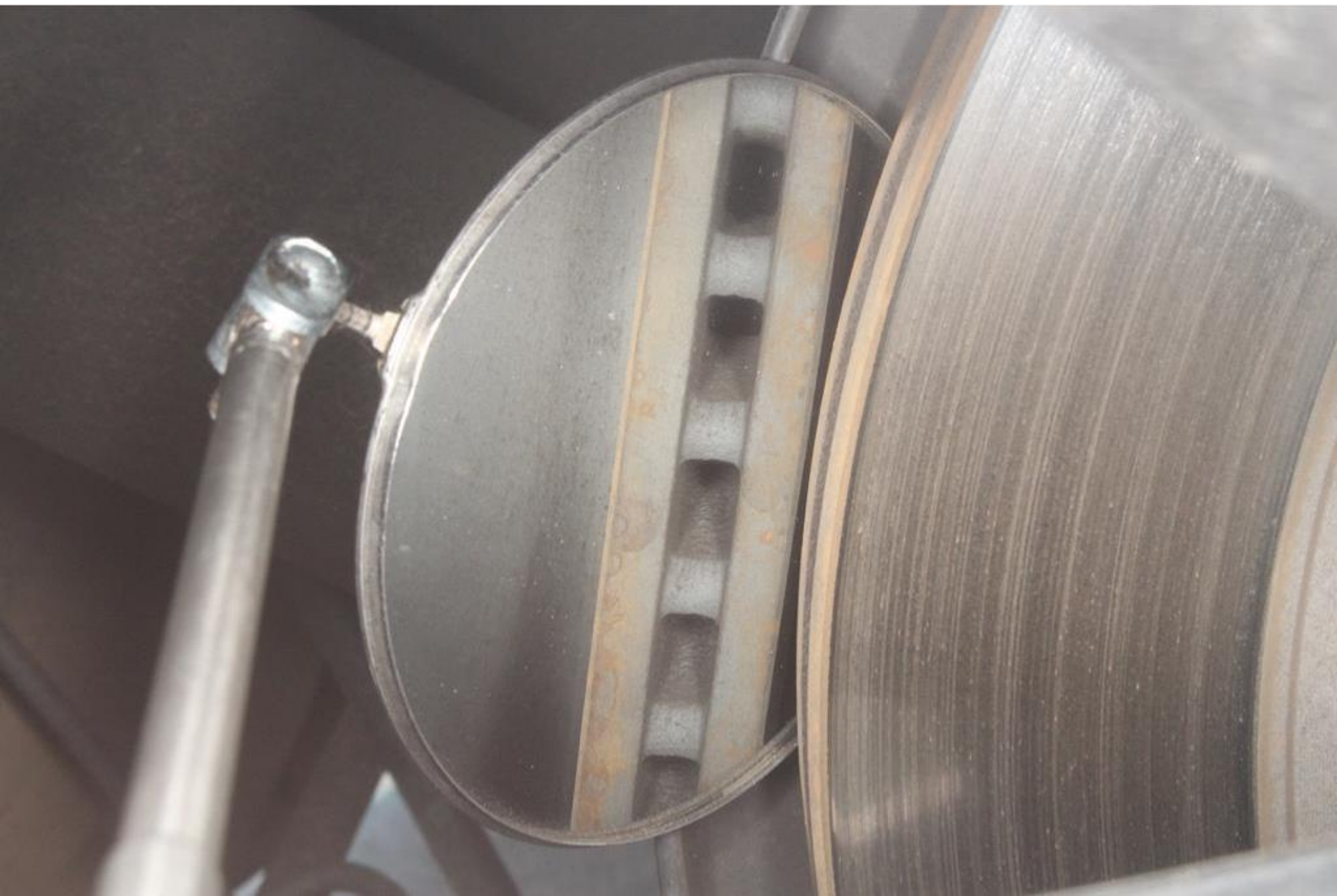
DHA

4215

BRIDGESTONE

















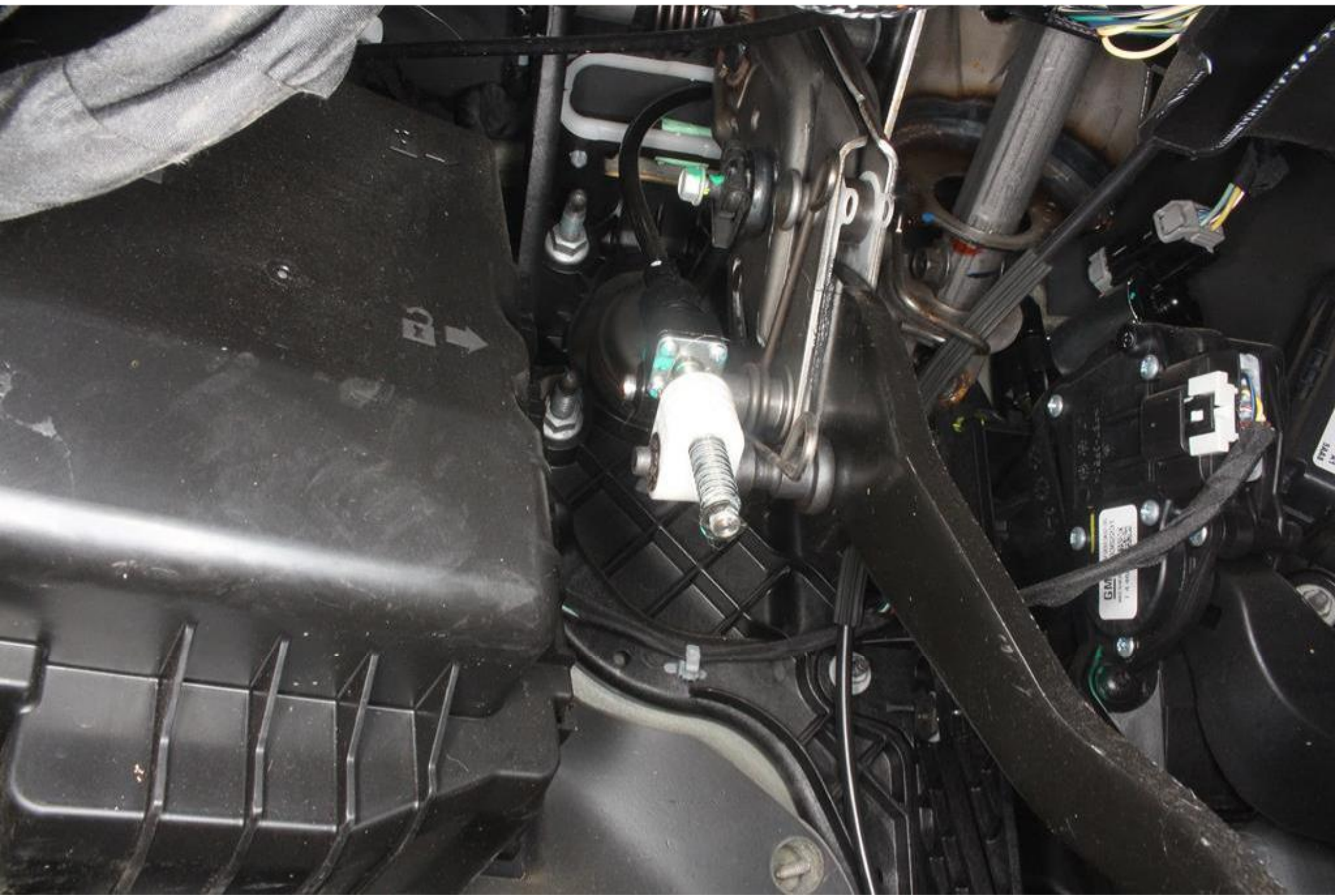


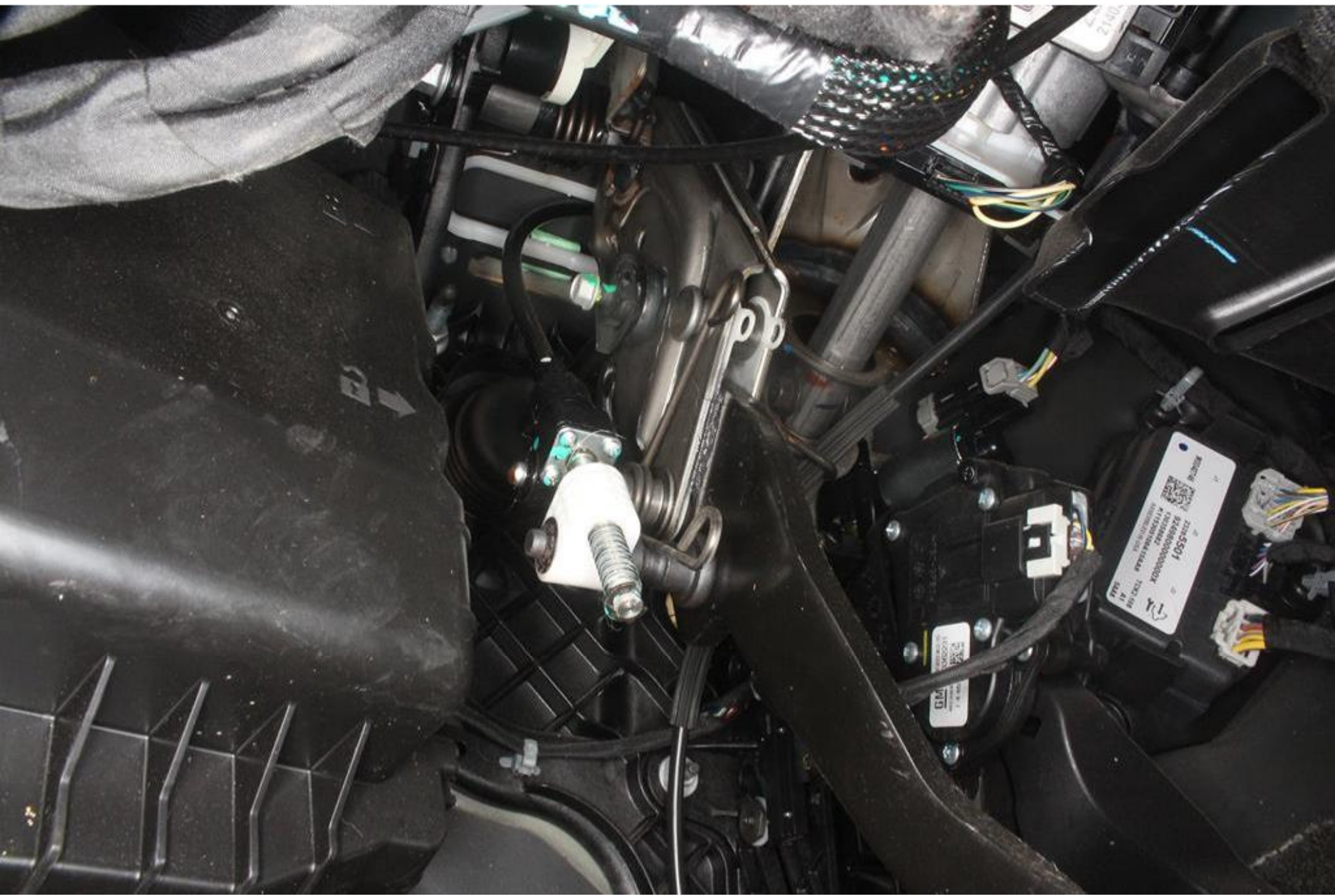


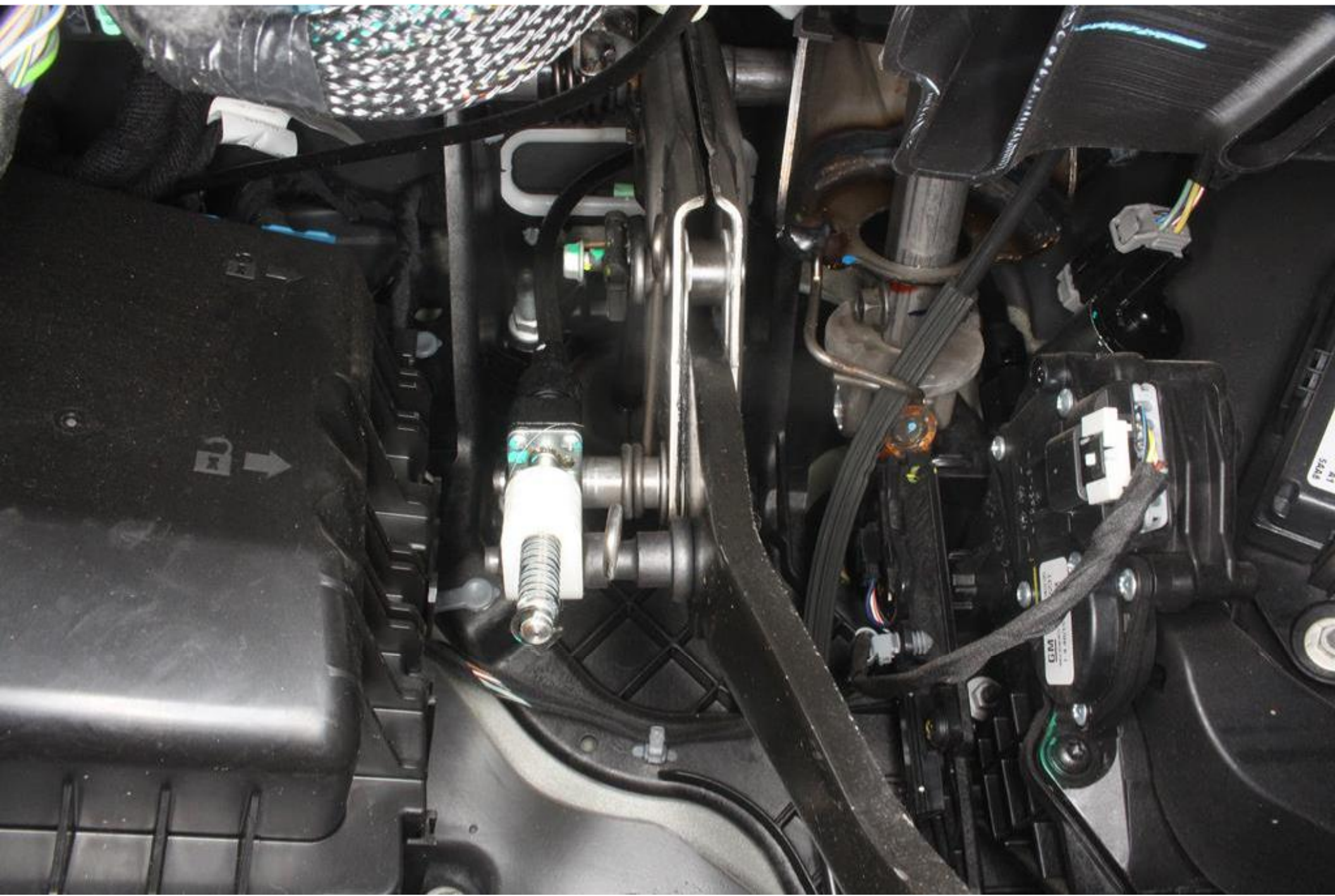


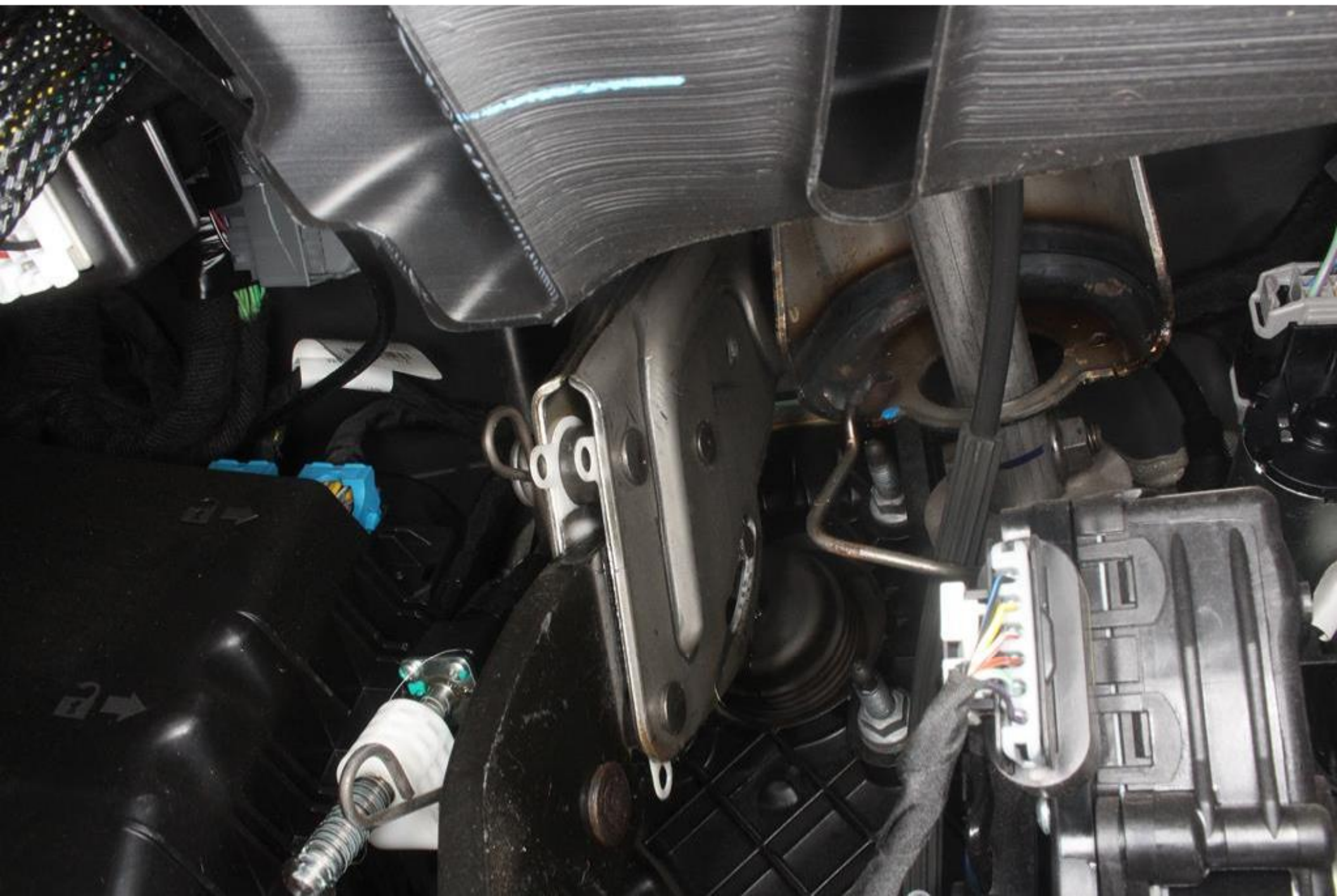


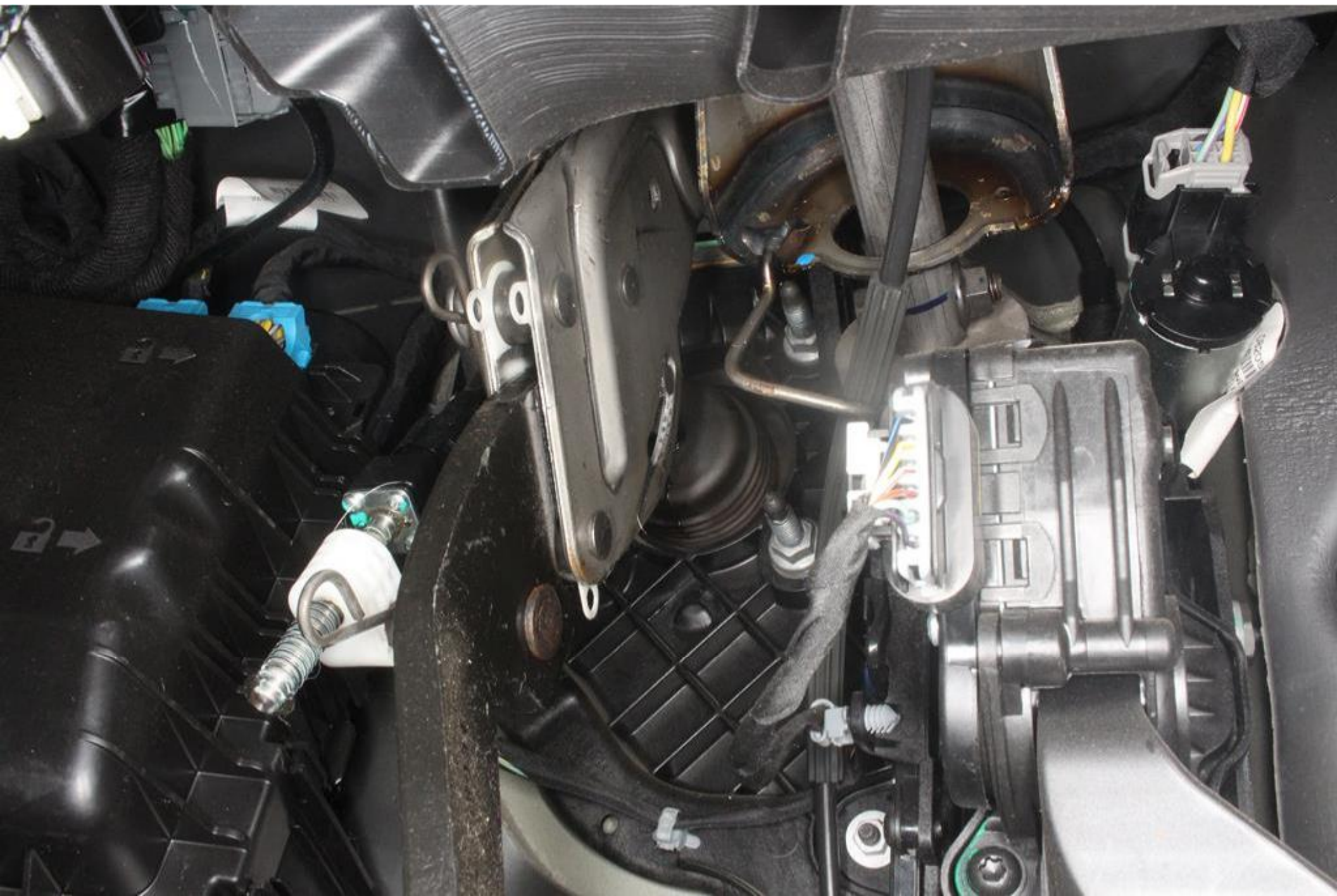


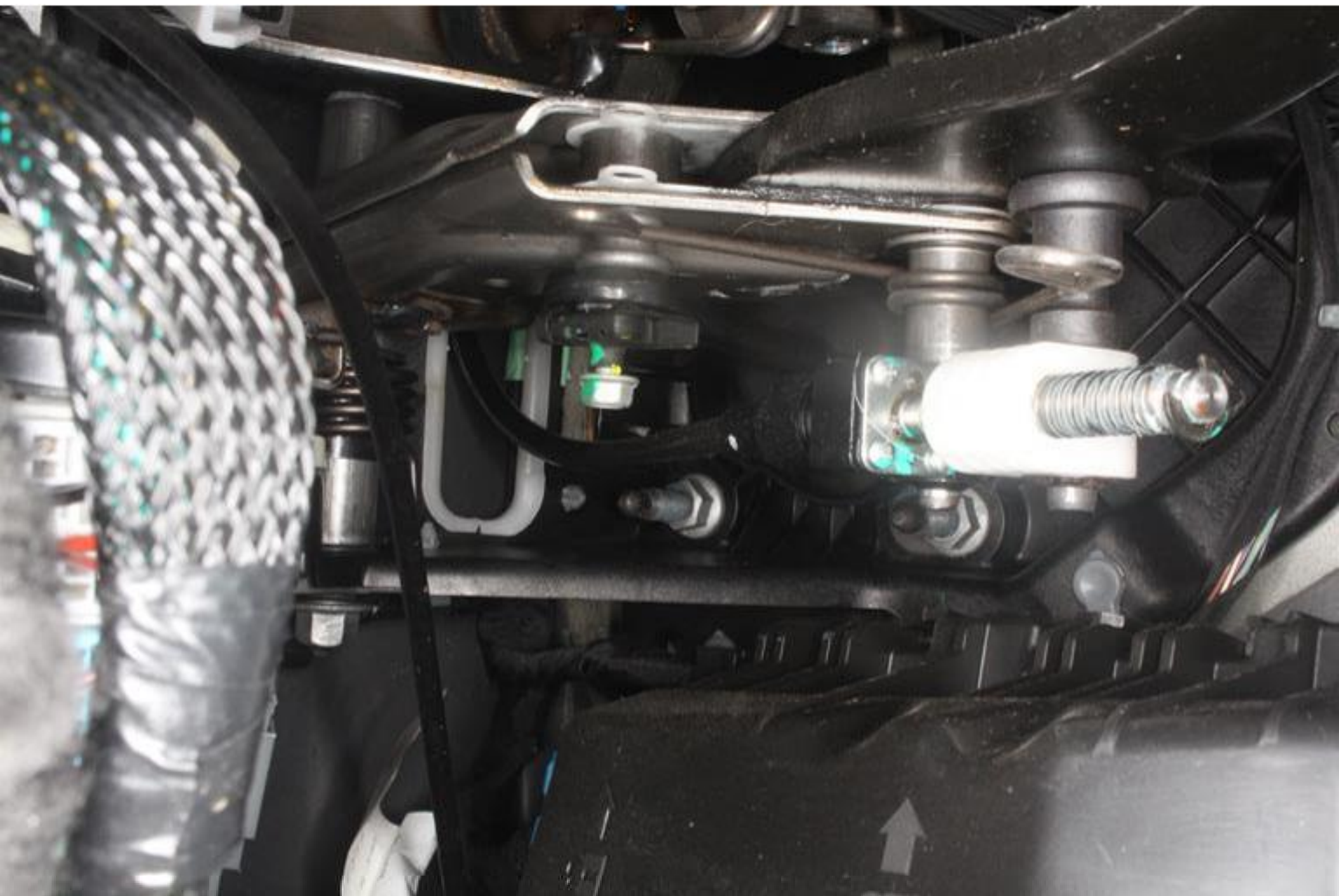


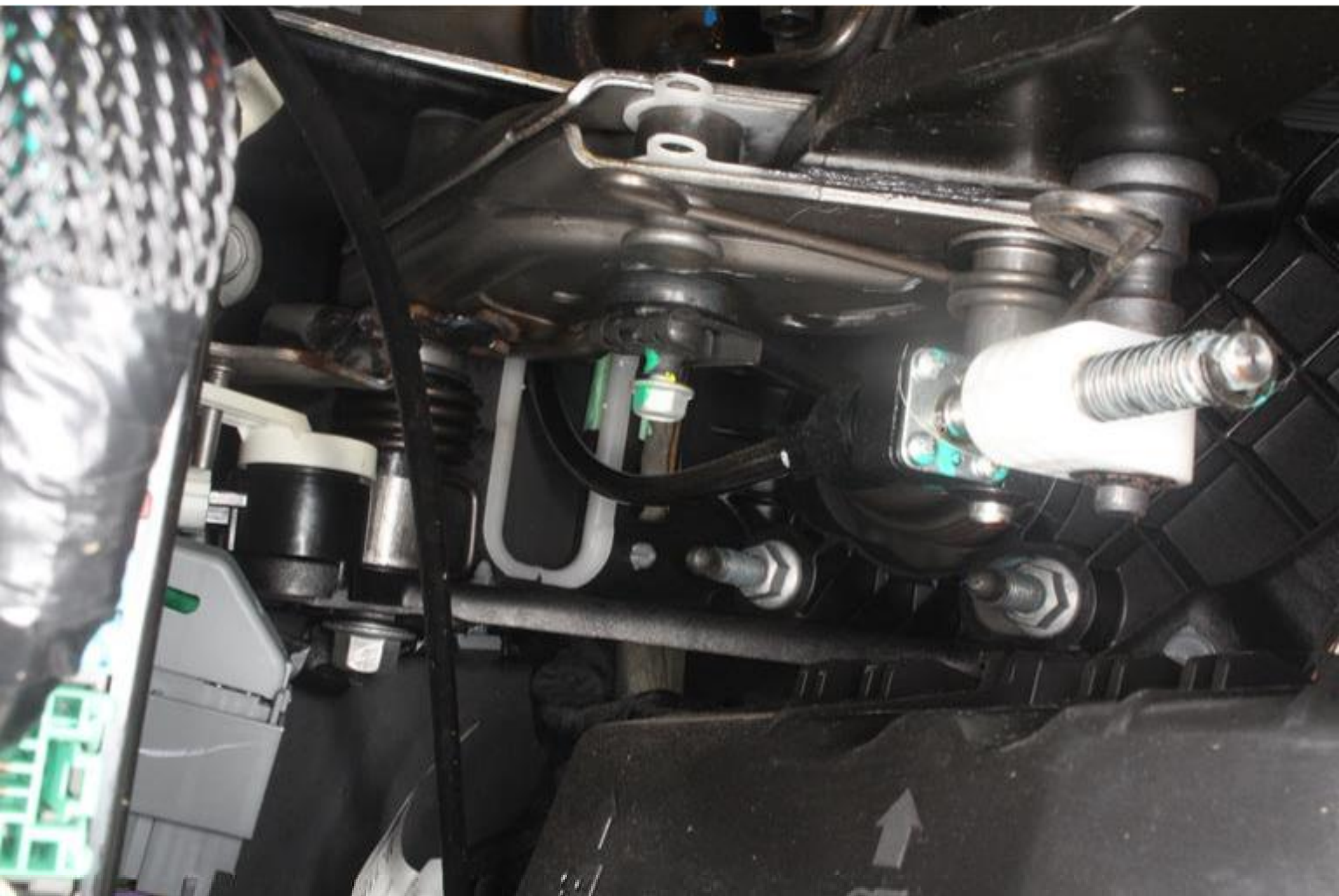






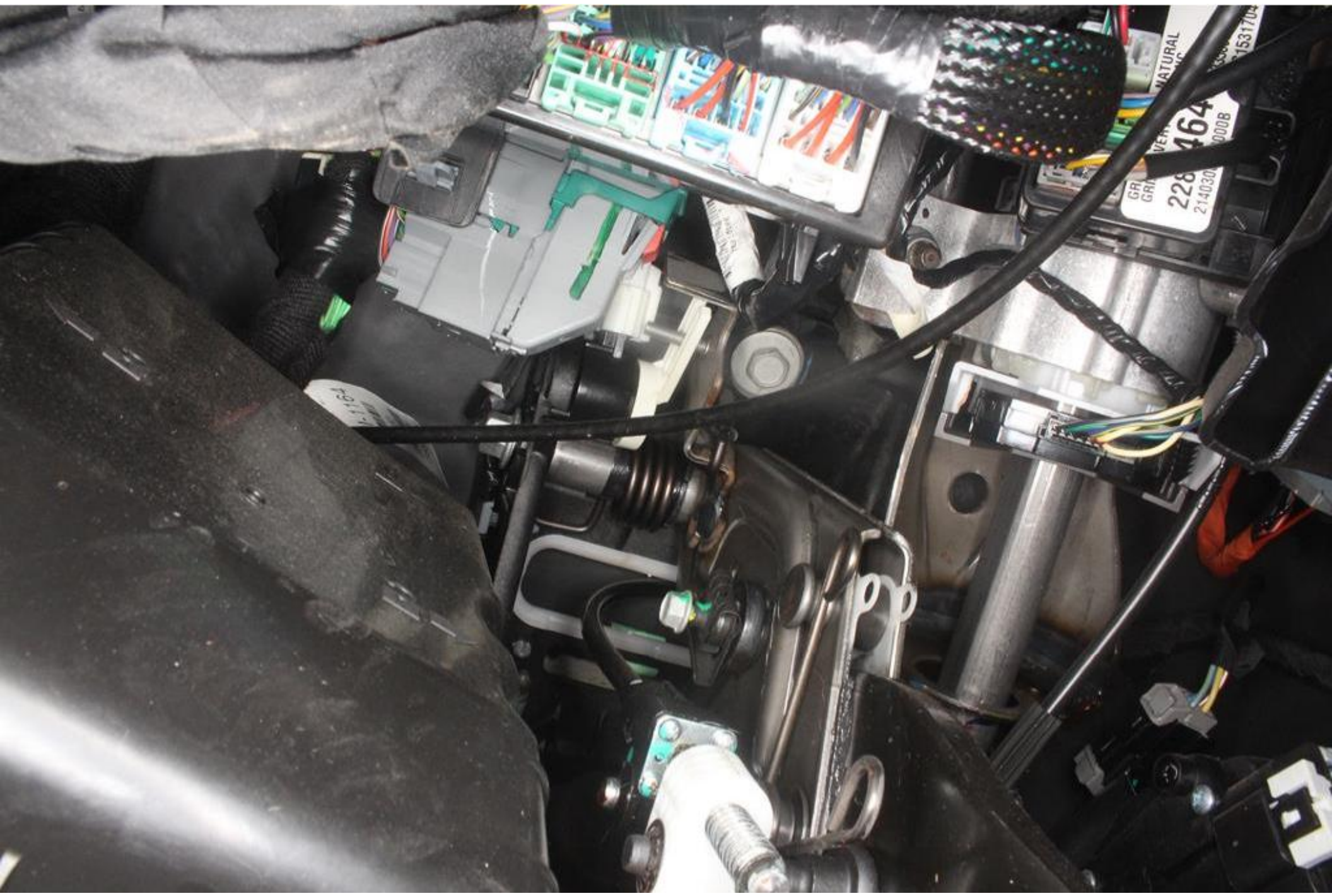


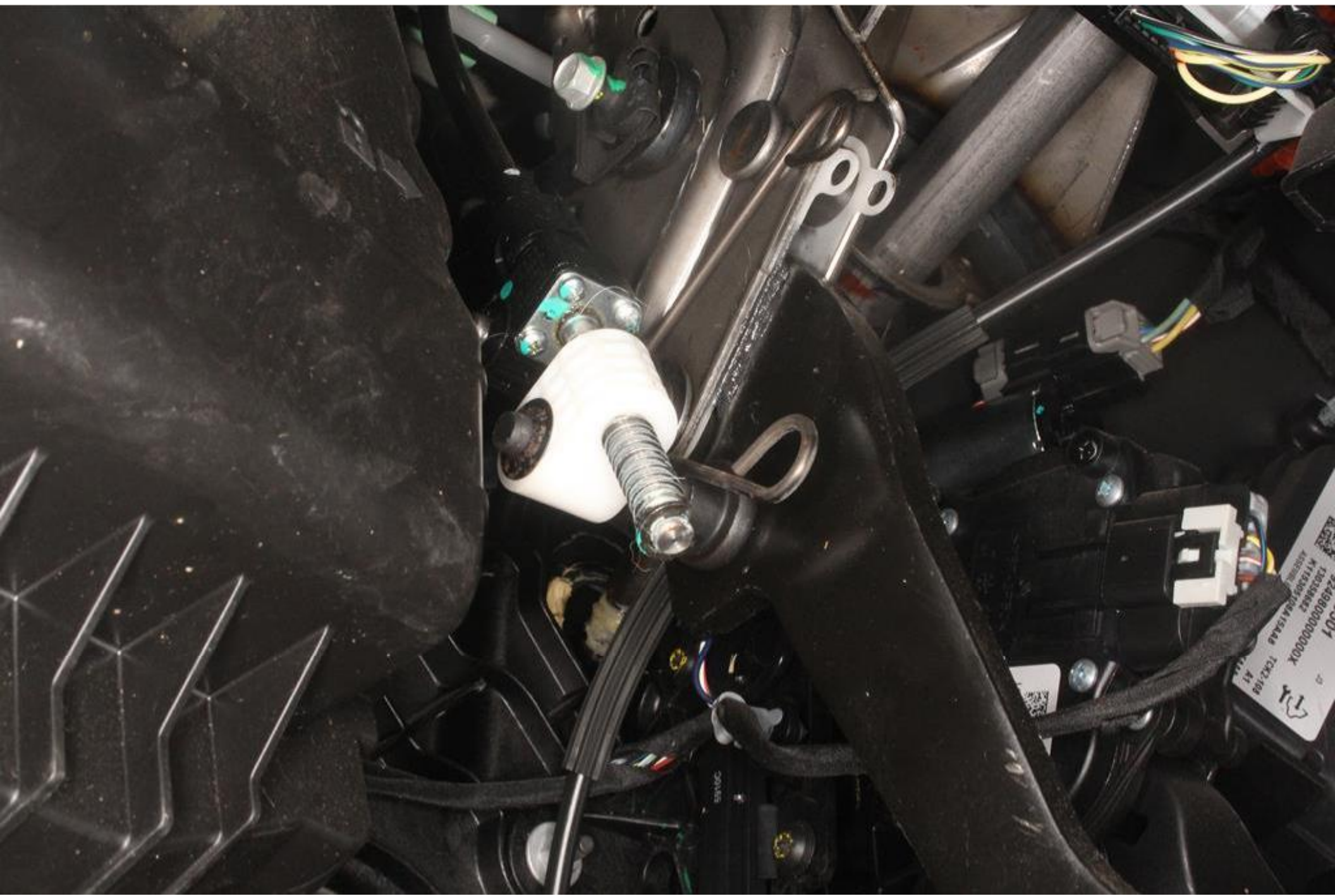














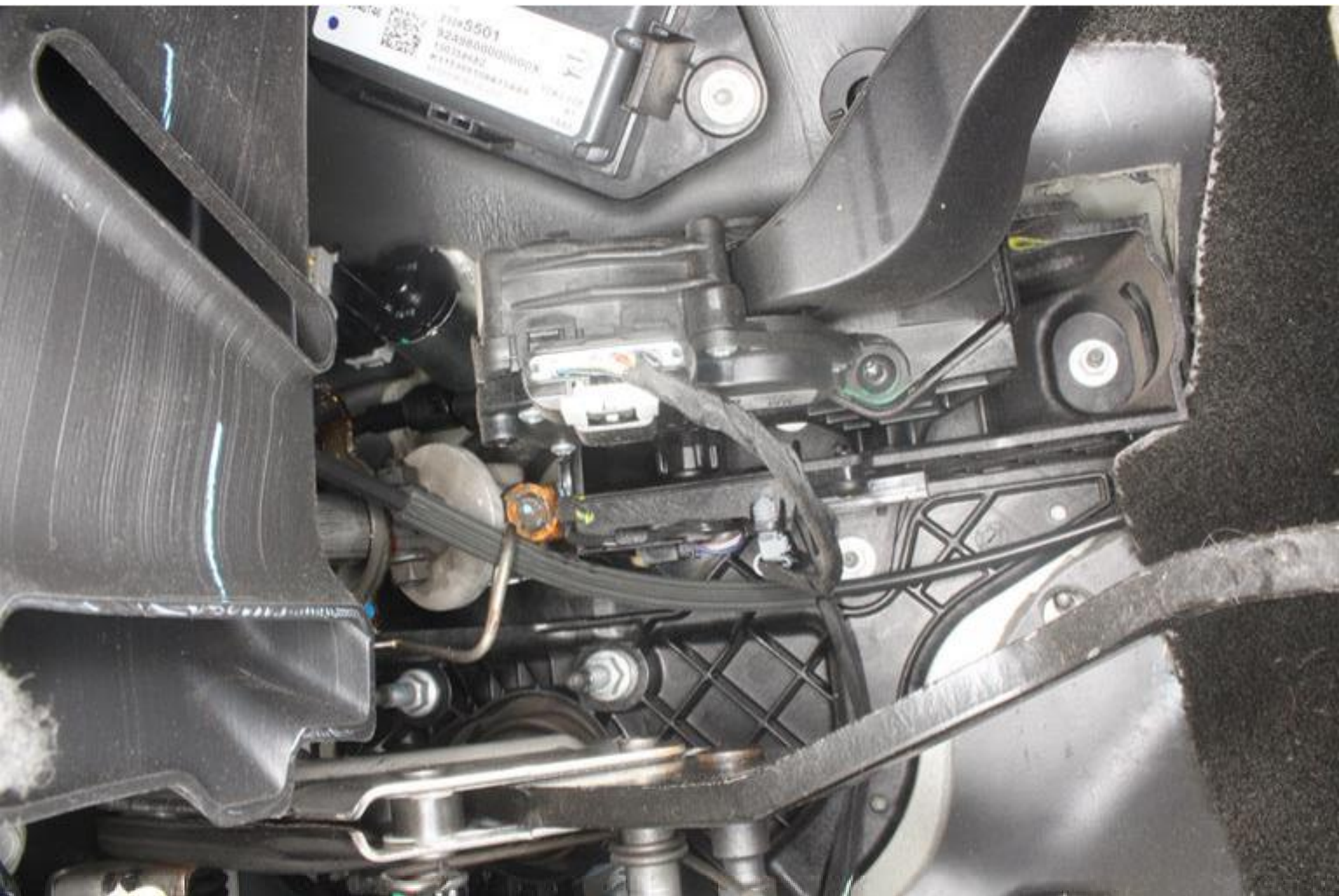


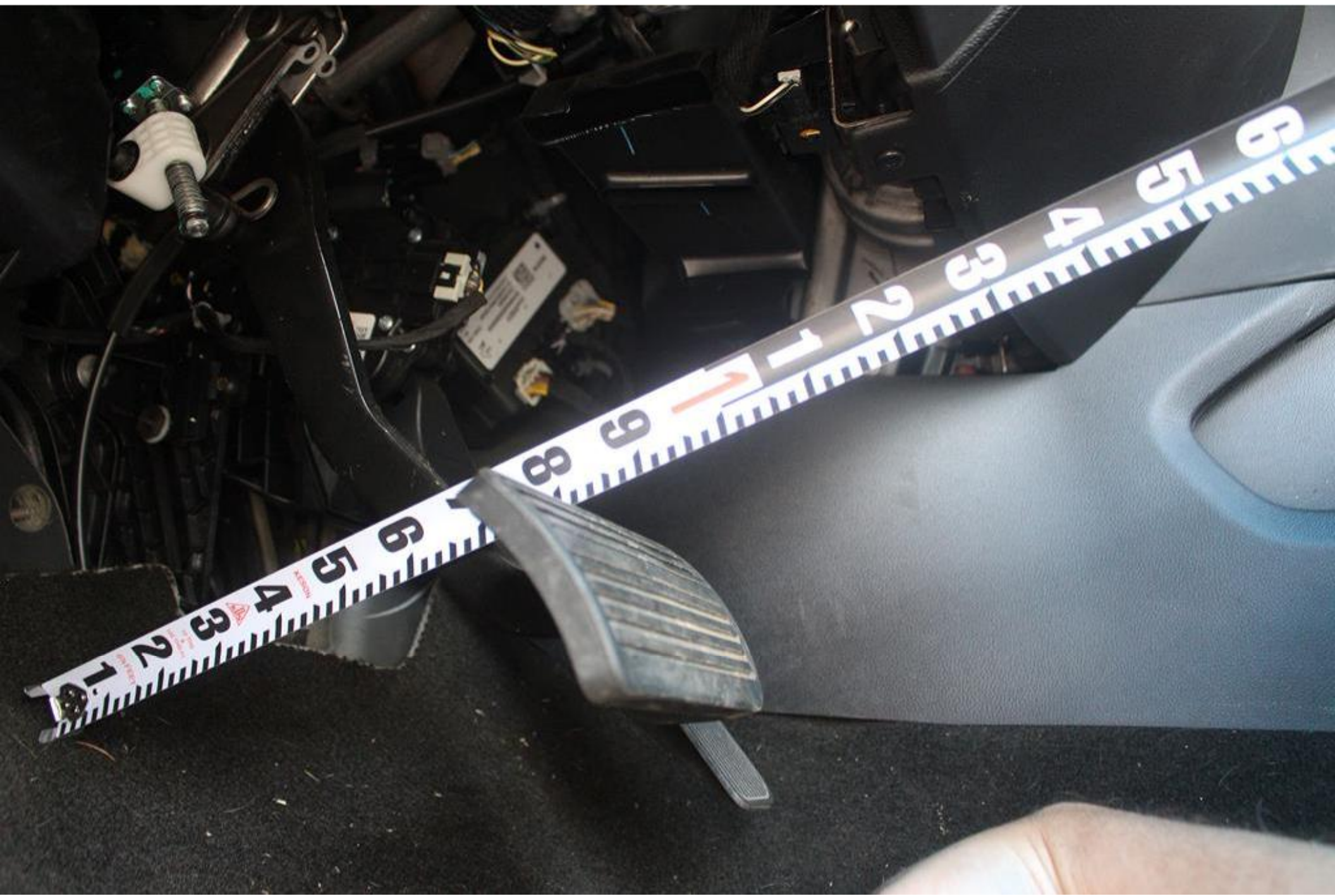




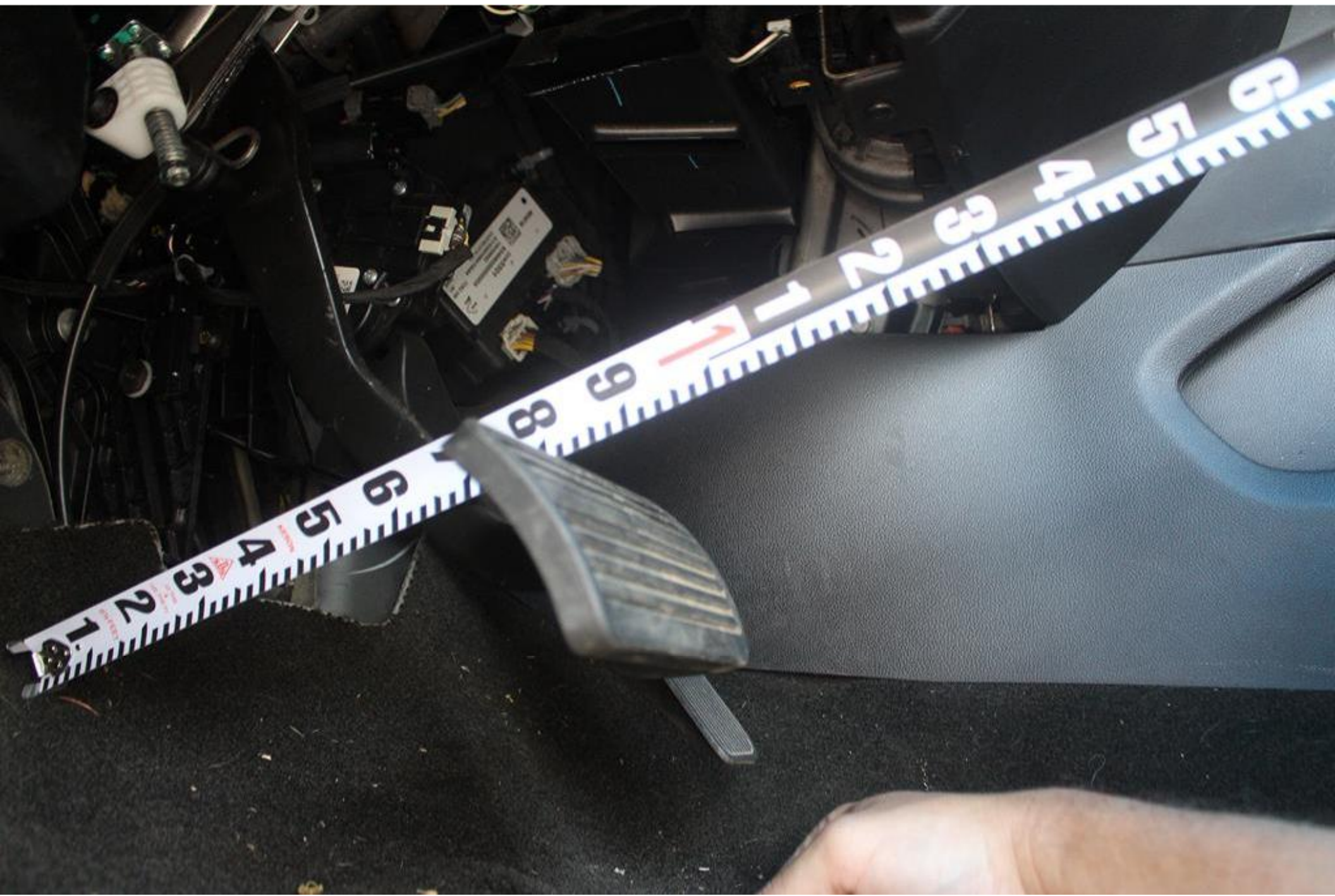












































CHEVROLET



















