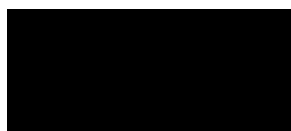


PE18-012

GM

3-27-2019

Q3





Service Request Activities – UCC PAR

Report Date: Friday, October 6, 2017

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Service Request Detail

SR No.	[REDACTED]	Ref No.	[REDACTED]	Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account	[REDACTED]	Site/BAC	[REDACTED]	GW SubType		Business Unit	CCC - CAC Tier 1
Address	[REDACTED]			Approval	Not Initiated	Area	Complaint Vehicle - Veh Down
City	[REDACTED]	Zip	[REDACTED]	UCC	Brakes - General	Sub-Area	Initial Failure/Repair
Last Name	[REDACTED]	First Name	[REDACTED]	Involved Dlr		Safety	Yes
Daytime #	[REDACTED]	Evening #		Source	Phone	Updated	10/05/2017 15:57:32
Serial/VIN #	1GNSKBKC3FR [REDACTED]	Mileage	46230	Priority	Medium	License # CHEVROL ET	Owner D270TP
Model	Tahoe	Model Year	2015	Status	Open	Opened	Oct 5, 2017 10:50 AM
Make	Chevrolet	Warranty Start	10/24/2014 00:00:00	Sub Status	Satisfied	Closed	
Cust Concern	Customer suffered an accident						
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: Friday, October 6, 2017

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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: Friday, October 6, 2017

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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
Oct 5, 2017 3:57 PM	WZ0GQ7	DZ70TP	Notify CRM		Done	10/05/2017 19:30:44	See BRC Workflow Activity
Last Name	First Name	Account	BAC Code				
█	█						
Comments thank you							
Confidential Comments							
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 3:56 PM	WZ0GQ7	WZ0GQ7	BRC PAR	Workflow-Non PAC	Done	10/05/2017 19:30:36	SR was escalated to ESIS due to property damage.
Last Name	First Name	Account	BAC Code				
█	█						
Comments Case was improperly escalated to PAC. Case should have gone to ESIS due to third party damage. Case has been redirected to ESIS. Please review DOC ID: SS2779 for determining a PAC or ESIS case.							
Once the case has been accepted by ESIS and the assigned ESIS Advisor's name and contact info has been documented in the Comments of the Escalation activity, change the SR Sub Area to "Escalated to BRC" and close the SR with the appropriate sub status.							
Kimberly Smartt/PAC/WMI							
Confidential Comments							



Service Request Activities – UCC PAR

Report Date: Friday, October 6, 2017

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Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 11:12 AM	DZ70TP	MZJQBG	Manager Review	Case Review	Done	10/05/2017 15:48:06	Please review to PAC
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]	
Comments							
Case escalation approved							
Courtney/ATX/T1 FS							
Confidential Comments							
Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 11:05 AM	DZ70TP	ESISBIQU	Escalation	ESIS - Property Damage	In Progress		ESIS Escalation
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]	
Comments							
Best time to call customer? Anytime, Central							
Did anyone seek professional medical attention? (If yes, Escalate to ESIS & follow process below): No							
If Yes: Who was hurt? (Provide details such as: Name, seat position, relation to vehicle owner, nature of injury etc.)N/A							
Is the vehicle in the owner's possession and where is it currently located? Yes,							
Rey's Auto and Tire							
45450 Schoenherr Road							
Shelby Township, MI							
Has the vehicle been repaired?:No							
Was insurance claim filed?: Not yet							
Description of damage to property, other than vehicle (i.e: Property can be: mailbox, garage door, etc.> Describe the damage: Customer hit wall, the wall was damaged):Customer says brakes failed, and hit the rear end of another vehicle.							
Description of the situation and the customer's allegation (what happened, vehicle parts or actions involved, customers statement): Customer was driving the vehicle, and went to hit the brakes, but brakes failed, and ended up rear ending the vehicle in front.							
Accident Location (Include: City, State & Street/Intersection): [REDACTED] North of M59							
Utica, MI							
Date of the incident: October 4,2017							
Involved dealer (if applicable):N/A							
Current Mileage:							



Service Request Activities – UCC PAR

Report Date: Friday, October 6, 2017

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46230

Year, Make, Model: 20154 Chevrolet Tahoe

VIN:

1gnskbke3[REDACTED]

Email address (if applicable): [REDACTED]

Phone numbers: [REDACTED]

Mailing address: [REDACTED]

Include the Date the interaction took place: October 4, 2017

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 10:58 AM	DZ70TP	DZ70TP	Inbound Call Customer Account	Complex Request	In Progress		Customer was involved in a wreck
Last Name	First Name				BAC Code		

Comments

Customer was involved in a wreck, hitting the rear end of another vehicle because of a supposed brake failure. No one was injured, however customer heard of a service bulletin involving 2015 Chevrolet Tahoe with the brakes. The other vehicle was rear ended, and there were no injuries to the other driver as well.

I informed the customer I would escalate this case to a senior advisor, however it could take up to three days to hear back from someone. I supplied the Customer with a SR number for the case as well. He provided this number to me as well P 15361 for a service report.

GMA&GWM

whitney/cact1/atx

Confidential Comments

UCC Information

UCC Code	Description	Symptom
H01	Brakes - General	Inoperative



Service Request Activities – UCC PAR

Report Date: Friday, October 6, 2017

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End of Report



Service Request Activities – UCC PAR

Report Date: Wednesday, October 11, 2017

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Service Request Detail							
SR No.	[REDACTED]	Ref No.	[REDACTED]	Cost Ast.	No Goodwill Offered	BRC Type	N/A
Account	[REDACTED]	Site/BAC	[REDACTED]	GW SubType	[REDACTED]	Business Unit	CCC - CAC Tier 1
Address	[REDACTED]			Approval	Not Initiated	Area	Complaint Vehicle - Veh Down
City	[REDACTED]	Zip	[REDACTED]	State	[REDACTED]	Sub-Area	Initial Failure/Repair
Last Name	[REDACTED]	First Name	[REDACTED]	UCC	Brakes - General	Safety	Yes
Daytime #	[REDACTED]	Evening #	[REDACTED]	Involved Dr	[REDACTED]	Updated	10/05/2017 15:57:32
Serial/VIN #	1GNSKBKC3FR [REDACTED]	Mileage	46230	Source	Phone	License #	CHEVROL ET
Model	Tahoe	Model Year	2015	Priority	Medium	Owner	DZ70TP
Make	Chevrolet	Warranty Start	10/24/2014 00:00:00	Status	Open	Opened	Oct 5, 2017 10:50 AM
				Sub Status	Satisfied	Closed	
Cust Concern	Customer suffered an accident						
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, October 11, 2017

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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, October 11, 2017

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Primary Veh Use

Veh Damage Description

Inspection Type

Inspected By

Inspection Date/Time

Explain Other

Activities

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 10, 2017 9:38 AM	MZJQBG	ESISBIQU	Escalation	ESIS - Property Damage	In Progress		ESIS Escalation

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



Comments

Best time to call customer? Anytime, Central

Did anyone seek professional medical attention? (If yes, Escalate to ESIS & follow process below): No

If Yes: Who was hurt? (Provide details such as: Name, seat position, relation to vehicle owner, nature of injury etc.)N/A

Is the vehicle in the owner's possession and where is it currently located? Yes,

Rey's Auto and Tire
45450 Schoenherr Road
Shelby Township, MI

Has the vehicle been repaired?:No

Was insurance claim filed?: Not yet

Description of damage to property, other than vehicle (i.e: Property can be: mailbox, garage door, etc.)> Describe the damage: Customer hit wall, the wall was damaged):Customer says brakes failed, and hit the rear end of another vehicle.

Description of the situation and the customer's allegation (what happened, vehicle parts or actions involved, customers statement): Customer was driving the vehicle, and went to hit the brakes, but brakes failed, and ended up rear ending the vehicle in front.

Accident Location (Include: City, State & Street/Intersection): [REDACTED] North of M59
Utica, MI

Date of the incident: October 4,2017

Involved dealer (if applicable):N/A

Current Mileage: .
46230

Year, Make, Model:20154 Chevrolet Tahoe

CONTACT ESIS FOR ALL UPDATES



Service Request Activities – UCC PAR

Report Date: Wednesday, October 11, 2017

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VIN:

1gnskbkc3fr [REDACTED]

Email address (if applicable) [REDACTED]

Phone numbers [REDACTED]

Mailing address [REDACTED]

Include the Date the interaction took place: October 4, 2017

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 6, 2017 2:47 PM	MZJQBG	ESISBIQU	Escalation	ESIS - Property Damage	Done	10/09/2017 11:48:31	ESIS Escalation
Last Name		First Name		Account		BAC Code	
[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]	
Comments							
<p>Best time to call customer? Anytime, Central</p> <p>Did anyone seek professional medical attention? (If yes, Escalate to ESIS & follow process below): No</p> <p>If Yes: Who was hurt? (Provide details such as: Name, seat position, relation to vehicle owner, nature of injury etc.)N/A</p> <p>Is the vehicle in the owner's possession and where is it currently located? Yes,</p> <p>Roy's Auto and Tire</p> <p>45450 Schoenherr Road</p> <p>Shelby Township, MI</p> <p>Has the vehicle been repaired?:No</p> <p>Was insurance claim filed?: Not yet</p> <p>Description of damage to property, other than vehicle (i.e: Property can be: mailbox, garage door, etc.> Describe the damage: Customer hit wall, the wall was damaged):Customer says brakes failed, and hit the rear end of another vehicle.</p> <p>Description of the situation and the customer's allegation (what happened, vehicle parts or actions involved, customers statement): Customer was driving the vehicle, and went to hit the brakes, but brakes failed, and ended up rear ending the vehicle in front.</p> <p>Accident Location (Include: City, State & Street/Intersection): [REDACTED] North of M59</p> <p>Utica, MI</p> <p>Date of the incident: October 4,2017</p> <p>Involved dealer (if applicable):N/A</p> <p>Current Mileage:</p> <p>46230</p> <p>Year, Make, Model:20154 Chevrolet Tahoe</p> <p>VIN:</p> <p>1gnskbkc3fr [REDACTED]</p> <p>Email address (if applicable): [REDACTED]</p> <p>Phone numbers [REDACTED]</p> <p>Mailing address [REDACTED]</p>							
							CONTACT ESIS FOR ALL UPDATES



Service Request Activities – UCC PAR

Report Date: Wednesday, October 11, 2017

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Macomb, MI [REDACTED]
Include the Date the interaction took place: October 4, 2017

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 3:57 PM	WZ0GQ7	DZ70TP	Notify CRM		Done	10/05/2017 19:30:44	See BRC Workflow Activity
Last Name	First Name	Account	BAC Code				
[REDACTED]	[REDACTED]						

Comments
thank you

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 3:56 PM	WZ0GQ7	WZ0GQ7	BRC PAR	Workflow-Non PAC	Done	10/05/2017 19:30:36	SR was escalated to ESIS due to property damage.
Last Name	First Name	Account	BAC Code				
[REDACTED]	[REDACTED]						

Comments
Case was improperly escalated to PAC. Case should have gone to ESIS due to third party damage. Case has been redirected to ESIS. Please review DOC ID: SS2779 for determining a PAC or ESIS case.

Once the case has been accepted by ESIS and the assigned ESIS Advisor's name and contact info has been documented in the Comments of the Escalation activity, change the SR Sub Area to "Escalated to BRC" and close the SR with the appropriate sub status.

Kimberly Smartt/PAC/WMI

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 11:12 AM	DZ70TP	MZJQBG	Manager Review	Case Review	Done	10/05/2017 15:48:06	Please review to PAC
Last Name	First Name	Account	BAC Code				
[REDACTED]	[REDACTED]						



Service Request Activities – UCC PAR

Report Date: Wednesday, October 11, 2017

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Comments
Case escalation approved

Courtney/ATX/T1 FS

Confidential Comments

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 11:05 AM	DZ70TP	ESISBIQU	Escalation	ESIS - Property Damage	Done	10/06/2017 14:26:29	ESIS Escalation
Last Name	First Name	Account	BAC Code				

Comments

Best time to call customer? Anytime, Central
 Did anyone seek professional medical attention? (If yes, Escalate to ESIS & follow process below): No
 If Yes: Who was hurt? (Provide details such as: Name, seat position, relation to vehicle owner, nature of injury etc.)N/A
 Is the vehicle in the owner's possession and where is it currently located? Yes,
 Roy's Auto and Tire
 45450 Schoenherr Road
 Shelby Township, MI
 Has the vehicle been repaired?:No
 Was insurance claim filed?: Not yet
 Description of damage to property, other than vehicle (i.e: Property can be: mailbox, garage door, etc.> Describe the damage: Customer hit wall, the wall was damaged):Customer says brakes failed, and hit the rear end of another vehicle.
 Description of the situation and the customer's allegation (what happened, vehicle parts or actions involved, customers statement): Customer was driving the vehicle, and went to hit the brakes, but brakes failed, and ended up rear ending the vehicle in front.
 Accident Location (include: City, State & Street/Intersection): North of M59
 Utica, MI
 Date of the incident: October 4,2017
 Involved dealer (if applicable):N/A
 Current Mileage:
 46230
 Year, Make, Model:20154 Chevrolet Tahoe
 VIN:
 1gnskbkc3r
 Email address (if applicable)
 Phone numbers
 Mailing address
 Macomb, MI
 Include the Date the interaction took place: October 4, 2017

CONTACT ESIS FOR ALL UPDATES



Service Request Activities – UCC PAR

Report Date: Wednesday, October 11, 2017

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Confidential Comments:

Created	Created By	Assigned To	Activity Type	Sub-Type	Status	Actual Completion	Description
Oct 5, 2017 10:58 AM	DZ70TP	DZ70TP	Inbound Call Customer	Complex Request	Done	10/06/2017 10:37:39	Customer was involved in a wreck

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

Comments:

Customer was involved in a wreck, hitting the rear end of another vehicle because of a supposed brake failure. No one was injured, however customer heard of a service bulletin involving 2015 Chevrolet Tahoe with the brakes. The other vehicle was rear ended, and there were no injuries to the other driver as well.

I informed the customer I would escalate this case to a senior advisor, however it could take up to three days to hear back from someone. I supplied the Customer with a SR number for the case as well. He provided this number to me as well P 15361 for a service report.

GMA&GWM

whitney/cact1/atx

Confidential Comments:

UCC Information

UCC Code	Description	Symptom
H01	Brakes - General	Inoperative

End of Report



CARFAX Vehicle History Report™

An independent company established in 1986

US \$39.99

Vehicle Information:
2015 CHEVROLET TAHOE LT
 VIN: 1GNSKBKC3FR
 4 DOOR WAGON/SPORT UTILITY
 5.3L V8 DIR OHV 16V
 GASOLINE
 4 WHEEL DRIVE
[Standard Equipment](#) | [Safety Options](#)

CARFAX Report Provided By:
 ESI5 GM
 300 Renaissance Ctr
 Detroit, MI 48243
 586-212-2141

- ✓

No accidents reported to CARFAX
- ✓

No other damage reported to CARFAX
- 👥

2 Previous owners
- 🔧

5 Service history records
- 🏠

Types of owners: Personal lease, Personal
- 🚗

39,774 Last reported odometer reading



This CARFAX Vehicle History Report is based only on information supplied to CARFAX and available as of 10/6/17 at 2:21:23 PM (EDT). Other information about this vehicle, including problems, may not have been reported to CARFAX. Use this report as one important tool, along with a vehicle inspection and test drive, to make a better decision about your next used car.

CARFAX Ownership History	Owner 1	Owner 2
<small>The number of owners is estimated</small>		
Year purchased	2014	2017
Type of owner	Personal lease	Personal
Estimated length of ownership	2 yrs. 6 mo.	3 months
Owned in the following states/provinces	Michigan	Michigan
Estimated miles driven per year	15,440/yr	—
Last reported odometer reading	39,680	39,774

CARFAX Title History	Owner 1	Owner 2
<small>CARFAX guarantees the information in this section</small>		
Salvage Junk Rebuilt Fire Flood Hail Lemon	Guaranteed No Problem	Guaranteed No Problem
Not Actual Mileage Exceeds Mechanical Limits	Guaranteed No Problem	Guaranteed No Problem
 <p>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</p>		

CARFAX Additional History	Owner 1	Owner 2
<small>Not all accidents / issues are reported to CARFAX</small>		
Total Loss No total loss reported to CARFAX.	✓ No Issues Reported	✓ No Issues Reported
Structural Damage No structural damage reported to CARFAX.	✓ No Issues Reported	✓ No Issues Reported
Airbag Deployment No airbag deployment reported to CARFAX.	✓ No Issues Reported	✓ No Issues Reported
Odometer Check No indication of an odometer rollback.	✓ No Issues Indicated	✓ No Issues Indicated
Accident / Damage No accidents or damage reported to CARFAX.	✓ No Issues Reported	✓ 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

No Recalls Reported


CARFAX Detailed History

[Glossary](#)

Owner 1		Date:	Mileage:	Source:	Comments:
Purchased: 2014 Type: Personal lease Where: Michigan Est. miles/year: 15,440/yr Est. length owned: 10/27/14 - 5/22/17 (2 yrs, 6 mo.)		Original Equipment		OnStar	Vehicle equipped with OnStar Get 3 free months of premium OnStar with Automatic Crash Response, Roadside Assistance and Remote Door Unlock by pressing the blue OnStar button Learn more
		09/09/2014		Feldman Hyundai Waterford, MI 248-699-6900 feldmanhyundai.com	Vehicle offered for sale
		09/26/2014	5	Feldman Chevrolet Kia of Novi Novi, MI 248-348-7000 martyfeldmanchevy.com	Pre-delivery inspection completed Wheel locks installed
		10/05/2014		Dealer Inventory	Vehicle offered for sale
		10/24/2014	156	Feldman Chevrolet Kia of Novi Novi, MI 248-348-7000 martyfeldmanchevy.com	Vehicle sold
		10/27/2014		Michigan Motor Vehicle Dept. Farmington, MI Title [REDACTED]	Title or registration issued First owner reported Titled or registered as personal lease vehicle
		12/30/2014		Michigan Motor Vehicle Dept. Farmington, MI	Registration issued or renewed
		03/09/2015	4,630	Feldman Chevrolet Kia of Novi Novi, MI 248-348-7000 martyfeldmanchevy.com	Drivability/performance checked Oil and filter changed Transmission checked
		04/09/2015	6,284	Feldman Chevrolet Kia of Novi Novi, MI 248-348-7000 martyfeldmanchevy.com	Vehicle washed/detailed
		08/07/2015	12,616	Feldman Chevrolet Kia of Novi Novi, MI 248-348-7000 martyfeldmanchevy.com	Maintenance inspection completed Oil and filter changed Vehicle washed/detailed
		12/15/2015		Michigan Motor Vehicle Dept. Farmington, MI	Registration issued or renewed
		01/21/2016	23,051	Feldman Chevrolet Kia of Novi Novi, MI 248-348-7000 martyfeldmanchevy.com	Maintenance inspection completed Oil and filter changed
		01/09/2017		Michigan Motor Vehicle Dept. Farmington, MI	Registration issued or renewed
		05/22/2017	39,680	Dealer Inventory	Vehicle offered for sale
		06/15/2017		Michigan Motor Vehicle Dept. Macomb, MI	Registration issued or renewed
		06/16/2017		Michigan Motor Vehicle Dept. Macomb, MI	Loan or lien reported

Owner 2		Date:	Mileage:	Source:	Comments:
Purchased:	2017	06/16/2017	39,774	Michigan	Title issued or updated
Type:	Personal			Motor Vehicle Dept.	New owner reported
Where:	Michigan			Macomb, MI	
Est. length owned:	6/16/17 - present (3 months)			Title [REDACTED]	

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.

New Owner Reported
When a vehicle is sold to a new owner, the Title must be transferred to the new owner(s) at a Department of Motor Vehicles.

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

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

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Covered by United States Patent Nos. 7,113,853; 7,778,841; 7,596,512, 8,600,823; 8,595,079; 8,606,648; 7,505,838.
10/6/17 2:21:23 PM (EDT)

CDR File Information

User Entered VIN	1GNSKBKC3FR [REDACTED]
User	TDB & Associates/Paul Ferri
Case Number	[REDACTED]
EDR Data Imaging Date	10/25/2017
Crash Date	10/04/2017
Filename	1GNSKBKC3FR [REDACTED].ACM.CDRX
Saved on	Wednesday, October 25 2017 at 11:28:00
Imaged with CDR version	Crash Data Retrieval Tool 17.4.2
Imaged with Software Licensed to (Company Name)	Timothy D Brown & Assoc.
Reported with CDR version	Crash Data Retrieval Tool 17.5
Reported with Software Licensed to (Company Name)	Timothy D Brown & Assoc.
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

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

Data Limitations

Recorded Crash Events:

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

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

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

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment and Non-Deployment Events, the SDM will record up to 300 milliseconds of data after time zero. The SDM will also record up to 300 milliseconds of Vehicle Acceleration data after time zero.

For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.

-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.

-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.

- The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.
- Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been interrupted and not fully written.
- SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
 - Significant changes in the tire's rolling radius
 - Final drive axle ratio changes
 - Wheel lockup and wheel slip
- Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
- Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
- Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
 - The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
- Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
 - No data is received from the module sending the pre-crash data
- For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
- Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
- The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
- Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
- Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
- Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
- For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
- Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop 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 ± 105 g.
- All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:

- All SDM recorded data is measured, calculated, and stored internally, except for the following:
- Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
 - The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:

The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:

Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

Event Data General (part one)

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DPID \$32 Bytes 2-3	\$244F	Ignition Cycle, Download (Ignition Cycles at Investigation)	9295	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	\$5036373134384 13531	ESS # 1 Traceability Data, Traceability Number	P67148A51	
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	\$5036373134393 93531	ESS # 2 Traceability Data, Traceability Number	P67149951	
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	\$4144423332373 33033	ESS # 3 Traceability Data, Traceability Number	ADB327303	
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	\$4131463235373 33033	ESS # 4 Traceability Data, Traceability Number	A1F257303	
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	\$4145383045444 63033	ESS # 5 Traceability Data, Traceability Number	AE80EDF03	
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	\$4143364539413 03033	ESS #6 Traceability Data, Traceability Number	AC6E9A003	
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	\$4130303030303030	ESS # 8 Traceability Data, Traceability Number	A00000000	
DID \$30 Byte 0	\$00	Dynamic Deployment Event Counter	0	counts
DID \$30 Bytes 1-2	\$0001	Multi-Event, Number of Events (Dynamic Event Counter)	1	counts
DID \$30 Byte 3	\$00	Dynamic OnStar Notification Event Counter	0	counts

Event Record #1 Data

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 0	\$A5	Complete File Recorded (Event Recording Complete)	Yes	
DID \$31 Byte 1, bit 7	\$00	Event Record Type	Non-Deployment	
DID \$31 Byte 1, bit 6	\$00	Crash Record Locked	No	
DID \$31 Byte 1, bit 5	\$00	OnStar Deployment Status Data Sent	No	
DID \$31 Byte 1, bit 4	\$00	OnStar SDM Recorded Vehicle Velocity Change Data Sent	No	
DID \$31 Byte 1, bit 3	\$00	High Voltage Disable Notification Sent	No	
DID \$31 Byte 1, bit 2	\$00	Deployment Commanded in Energy Reserve Mode	No	
DID \$31 Byte 2	\$00	Deployment Event Counter	0	counts
DID \$31 Bytes 3-4	\$0001	Multi-Event, Number of Events (Event Counter)	1	counts
DID \$31 Byte 5	\$00	OnStar Notification Event Counter	0	counts
DID \$31 Byte 6, bit 3	\$09	Algorithm Active: Rear	Yes	
DID \$31 Byte 6, bit 2	\$09	Algorithm Active: Rollover	No	
DID \$31 Byte 6, bit 1	\$09	Algorithm Active: Side	No	
DID \$31 Byte 6, bit 0	\$09	Algorithm Active: Frontal	Yes	
DID \$31 Bytes 7-8	\$23D2	Ignition Cycle, Crash (Ignition Cycles at Event)	9170	counts
DID \$31 Bytes 9-10	\$FFFF	Time From Event 1 to 2 (Time Between Events)	Data Not Available	seconds
DID \$31 Byte 11 bit 0	\$00	Concurrent Event Flag Set	No	
DID \$31 Byte 14, bit 7	\$00	Event Severity Status: Rollover	No	
DID \$31 Byte 14, bit 6	\$00	Event Severity Status: Rear	No	
DID \$31 Byte 14, bit 5	\$00	Event Severity Status: Right Side	No	
DID \$31 Byte 14, bit 4	\$00	Event Severity Status: Left Side	No	
DID \$31 Byte 14, bit 3	\$00	Event Severity Status: Frontal Stage 2	No	
DID \$31 Byte 14, bit 2	\$00	Event Severity Status: Frontal Stage 1	No	
DID \$31 Byte 14, bit 1	\$00	Event Severity Status: Frontal Pretensioner	No	
DID \$31 Byte 15 bit 7	\$00	Driver 1st Stage Deployment Loop Commanded	No	
DID \$31 Byte 15 bit 6	\$00	Passenger 1st Stage Deployment Loop Commanded	No	
DID \$31 Byte 15 bit 5	\$00	Driver 2nd Stage Deployment Loop Commanded	No	
DID \$31 Byte 15 bit 3	\$00	Passenger 2nd Stage Deployment Loop Commanded	No	
DID \$31 Byte 15 bit 1	\$00	Driver Pretensioner Deployment Loop #1 Commanded	No	
DID \$31 Byte 15 bit 0	\$00	Passenger Pretensioner Deployment Loop #1 Commanded	No	
DID \$31 Byte 16 bit 7	\$00	Driver Pretensioner Deployment Loop #2 Commanded (If Equipped)	No	
DID \$31 Byte 16 bit 6	\$00	Passenger Pretensioner Deployment Loop #2 Commanded (If Equipped)	No	
DID \$31 Byte 16 bit 5	\$00	Driver Thorax Loop Commanded (If Equipped)	No	
DID \$31 Byte 16 bit 4	\$00	Passenger Thorax Loop Commanded (If Equipped)	No	
DID \$31 Byte 16 bit 3	\$00	Left Row 2 Thorax Loop Commanded (If Equipped)	No	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 16 bit 2	\$00	Right Row 2 Thorax Loop Commanded (If Equipped)	No	
DID \$31 Byte 16 bit 1	\$00	Left Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID \$31 Byte 16 bit 0	\$00	Right Row 1 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID \$31 Byte 17 bit 7	\$00	Left Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID \$31 Byte 17 bit 6	\$00	Right Row 2 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID \$31 Byte 17 bit 5	\$00	Left Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID \$31 Byte 17 bit 4	\$00	Right Row 3 Roof Rail/Head Curtain Loop Commanded (If Equipped)	No	
DID \$31 Byte 17 bit 3	\$00	Driver Knee Deployment Loop Commanded (If Equipped)	No	
DID \$31 Byte 17 bit 2	\$00	Passenger Knee Deployment Loop Commanded (If Equipped)	No	
DID \$31 Byte 17 bit 1	\$00	Left Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID \$31 Byte 17 bit 0	\$00	Right Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID \$31 Byte 18 bit 7	\$00	Center Row 2 Pretensioner Deployment Loop Commanded (If Equipped)	No	
DID \$31 Byte 18 bit 6	\$00	Battery Cutoff Loop Commanded (If Equipped)	No	
DID \$31 Byte 18 bit 5	\$00	Driver Roll Bar Loop Commanded (If Equipped)	No	
DID \$31 Byte 18 bit 4	\$00	Passenger Roll Bar Loop Commanded (If Equipped)	No	
DID \$31 Byte 18 bit 3	\$00	Steering Column Energy Absorbing Loop Commanded (If Equipped)	No	
DID \$31 Byte 18 bit 2	\$00	Driver Head Rest Loop Commanded (If Equipped)	No	
DID \$31 Byte 18 bit 1	\$00	Passenger Head Rest Loop Commanded (If Equipped)	No	
DID \$31 Byte 18 bit 0	\$00	Left Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID \$31 Byte 19 bit 7	\$00	Right Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID \$31 Byte 19 bit 6	\$00	Center Row 2 Head Rest Loop Commanded (If Equipped)	No	
DID \$31 Byte 19 bit 5	\$00	High Voltage Battery Cutoff Commanded (If Equipped)	No	
DID \$31 Byte 19 bit 4	\$00	Driver Center Inboard Loop Commanded (If Equipped)	No	
DID \$31 Byte 19 bit 3	\$00	Driver Seatbelt Load Limiter Loop Commanded (If Equipped)	No	
DID \$31 Byte 19 bit 2	\$00	Passenger Seatbelt Load Limiter Loop Commanded (If Equipped)	No	
DID \$31 Byte 19 bit 1	\$00	Driver Active Vent Loop Commanded (If Equipped)	No	
DID \$31 Byte 19 bit 0	\$00	Passenger Active Vent Loop Commanded (If Equipped)	No	
DID \$31 Byte 20 bits 7-6	\$4C	Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled	
DID \$31 Byte 20 bits 5-4	\$4C	Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Not Buckled	
DID \$31 Byte 20 bits 3-2	\$4C	Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID \$31 Byte 21 bits 7-6	\$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID \$31 Byte 21 bits 5-4	\$FC	Center Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 21 bits 3-2	\$FC	Left Row 2 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID \$31 Byte 22 bits 7-6	\$FC	Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID \$31 Byte 22 bits 5-4	\$FC	Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID \$31 Byte 22 bits 3-2	\$FC	Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available	
DID \$31 Byte 23 bits 7-6	\$00	Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status) (If Equipped)	No (Rearward)	
DID \$31 Byte 23 bits 5-4	\$00	Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status) (If Equipped)	No (Rearward)	
DID \$31 Byte 24 bits 7-5	\$00	Passenger Seat Occupancy Status	Empty	
DID \$31 Byte 25 bits 7-4	\$00	Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Not Applicable)	
DID \$31 Byte 26 bits 7-6	\$FC	Frontal air bag suppression switch status (Passenger SIR Suppression Switch Circuit Status)	Data Not Available	
DID \$31 Byte 26 bits 5-4	\$FC	Rollover Disable Switch Status (If Equipped)	Data Not Available	
DID \$31 Byte 26 bits 3-2	\$FC	Rollover Disable Indication Status (If Equipped)	Data Not Available	
DID \$31 Byte 27 bits 7-6	\$10	Passenger Air Bag ON Indicator Status	Off	
DID \$31 Byte 27 bits 5-4	\$10	Passenger Air Bag OFF Indicator Status	On	
DID \$31 Byte 28	\$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-0.5 sec)	0	%
DID \$31 Byte 29	\$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.0 sec)	0	%
DID \$31 Byte 30	\$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-1.5 sec)	0	%
DID \$31 Byte 31	\$19	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.0 sec)	25	%
DID \$31 Byte 32	\$13	Accelerator Pedal, % Full (Accelerator Pedal Position) (-2.5 sec)	19	%
DID \$31 Byte 33	\$0C	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.0 sec)	12	%
DID \$31 Byte 34	\$0B	Accelerator Pedal, % Full (Accelerator Pedal Position) (-3.5 sec)	11	%
DID \$31 Byte 35	\$03	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.0 sec)	3	%
DID \$31 Byte 36	\$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-4.5 sec)	0	%
DID \$31 Byte 37	\$00	Accelerator Pedal, % Full (Accelerator Pedal Position) (-5.0 sec)	0	%
DID \$31 Byte 38 bits 7-6	\$50	Service Brake (Brake Switch Circuit State) (-0.5 sec)	On	
DID \$31 Byte 38 bits 5-4	\$50	Service Brake (Brake Switch Circuit State) (-1.0 sec)	On	
DID \$31 Byte 38 bits 3-2	\$50	Service Brake (Brake Switch Circuit State) (-1.5 sec)	Off	
DID \$31 Byte 38 bits 1-0	\$50	Service Brake (Brake Switch Circuit State) (-2.0 sec)	Off	
DID \$31 Byte 39 bits 7-6	\$00	Service Brake (Brake Switch Circuit State) (-2.5 sec)	Off	
DID \$31 Byte 39 bits 5-4	\$00	Service Brake (Brake Switch Circuit State) (-3.0 sec)	Off	
DID \$31 Byte 39 bits 3-2	\$00	Service Brake (Brake Switch Circuit State) (-3.5 sec)	Off	

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 39 bits 1-0	\$00	Service Brake (Brake Switch Circuit State) (-4.0 sec)	Off	
DID \$31 Byte 40 bits 7-6	\$10	Service Brake (Brake Switch Circuit State) (-4.5 sec)	Off	
DID \$31 Byte 40 bits 5-4	\$10	Service Brake (Brake Switch Circuit State) (-5.0 sec)	On	
DID \$31 Byte 41 bits 7-6	\$00	Cruise Control Resume Switch Active (-0.5 sec)	No	
DID \$31 Byte 41 bits 5-4	\$00	Cruise Control Resume Switch Active (-1.0 sec)	No	
DID \$31 Byte 41 bits 3-2	\$00	Cruise Control Resume Switch Active (-1.5 sec)	No	
DID \$31 Byte 41 bits 1-0	\$00	Cruise Control Resume Switch Active (-2.0 sec)	No	
DID \$31 Byte 42 bits 7-6	\$00	Cruise Control Active (-0.5 sec)	No	
DID \$31 Byte 42 bits 5-4	\$00	Cruise Control Active (-1.0 sec)	No	
DID \$31 Byte 42 bits 3-2	\$00	Cruise Control Active (-1.5 sec)	No	
DID \$31 Byte 42 bits 1-0	\$00	Cruise Control Active (-2.0 sec)	No	
DID \$31 Byte 43 bits 7-6	\$00	Cruise Control Set Switch Active (-0.5 sec)	No	
DID \$31 Byte 43 bits 5-4	\$00	Cruise Control Set Switch Active (-1.0 sec)	No	
DID \$31 Byte 43 bits 3-2	\$00	Cruise Control Set Switch Active (-1.5 sec)	No	
DID \$31 Byte 43 bits 1-0	\$00	Cruise Control Set Switch Active (-2.0 sec)	No	
DID \$31 Byte 44 bits 7-6	\$00	Reduced Engine Power Mode indicator (-0.5 sec)	Off	
DID \$31 Byte 44 bits 5-4	\$00	Reduced Engine Power Mode indicator (-1.0 sec)	Off	
DID \$31 Byte 44 bits 3-2	\$00	Reduced Engine Power Mode indicator (-1.5 sec)	Off	
DID \$31 Byte 44 bits 1-0	\$00	Reduced Engine Power Mode indicator (-2.0 sec)	Off	
DID \$31 Byte 45	\$16	Engine RPM (Engine Speed) (-0.5 sec)	1408	RPM
DID \$31 Byte 46	\$19	Engine RPM (Engine Speed) (-1.0 sec)	1600	RPM
DID \$31 Byte 47	\$20	Engine RPM (Engine Speed) (-1.5 sec)	2048	RPM
DID \$31 Byte 48	\$1C	Engine RPM (Engine Speed)(-2.0 sec)	1792	RPM
DID \$31 Byte 49	\$19	Engine RPM (Engine Speed) (-2.5 sec)	1600	RPM
DID \$31 Byte 50	\$16	Engine RPM (Engine Speed) (-3.0 sec)	1408	RPM
DID \$31 Byte 51	\$11	Engine RPM (Engine Speed) (-3.5 sec)	1088	RPM
DID \$31 Byte 52	\$0B	Engine RPM (Engine Speed) (-4.0 sec)	704	RPM
DID \$31 Byte 53	\$0A	Engine RPM (Engine Speed)(-4.5 sec)	640	RPM
DID \$31 Byte 54	\$0C	Engine RPM (Engine Speed) (-5.0 sec)	768	RPM
DID \$31 Bytes 55,56 (12 bits)	\$06D7	Engine Torque (-0.5 sec)	20 [28]	Foot-pounds [Newton meters]
DID \$31 Bytes 57,58 (12 bits)	\$080E	Engine Torque (-1.0 sec)	135 [183]	Foot-pounds [Newton meters]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Bytes 59,60 (12 bits)	\$07EE	Engine Torque (-1.5 sec)	123 [167]	Foot-pounds [Newton meters]
DID \$31 Bytes 61,62 (12 bits)	\$077B	Engine Torque (-2.0 sec)	81 [110]	Foot-pounds [Newton meters]
DID \$31 Byte 63	\$0B	Engine Throttle, % Full (Throttle Position) (-0.5 sec)	11	% full throttle
DID \$31 Byte 64	\$0B	Engine Throttle, % Full (Throttle Position) (-1.0 sec)	11	% full throttle
DID \$31 Byte 65	\$22	Engine Throttle, % Full (Throttle Position) (-1.5 sec)	34	% full throttle
DID \$31 Byte 66	\$1E	Engine Throttle, % Full (Throttle Position) (-2.0 sec)	30	% full throttle
DID \$31 Byte 67	\$19	Engine Throttle, % Full (Throttle Position)(-2.5 sec)	25	% full throttle
DID \$31 Byte 68	\$15	Engine Throttle, % Full (Throttle Position) (-3.0 sec)	21	% full throttle
DID \$31 Byte 69	\$13	Engine Throttle, % Full (Throttle Position) (-3.5 sec)	19	% full throttle
DID \$31 Byte 70	\$05	Engine Throttle, % Full (Throttle Position) (-4.0 sec)	5	% full throttle
DID \$31 Byte 71	\$05	Engine Throttle, % Full (Throttle Position) (-4.5 sec)	5	% full throttle
DID \$31 Byte 72	\$04	Engine Throttle, % Full (Throttle Position)(-5.0 sec)	4	% full throttle
DID \$31 Byte 73	\$0F	Speed, Vehicle Indicated (Vehicle Speed) (-0.5 sec)	9 [15]	MPH [km/h]
DID \$31 Byte 74	\$11	Speed, Vehicle Indicated (Vehicle Speed) (-1.0 sec)	11 [17]	MPH [km/h]
DID \$31 Byte 75	\$14	Speed, Vehicle Indicated (Vehicle Speed) (-1.5 sec)	12 [20]	MPH [km/h]
DID \$31 Byte 76	\$12	Speed, Vehicle Indicated (Vehicle Speed) (-2.0 sec)	11 [18]	MPH [km/h]
DID \$31 Byte 77	\$10	Speed, Vehicle Indicated (Vehicle Speed)(-2.5 sec)	10 [16]	MPH [km/h]
DID \$31 Byte 78	\$0E	Speed, Vehicle Indicated (Vehicle Speed) (-3.0 sec)	9 [14]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 79	\$0D	Speed, Vehicle Indicated (Vehicle Speed) (-3.5 sec)	8 [13]	MPH [km/h]
DID \$31 Byte 80	\$0D	Speed, Vehicle Indicated (Vehicle Speed) (-4.0 sec)	8 [13]	MPH [km/h]
DID \$31 Byte 81	\$0D	Speed, Vehicle Indicated (Vehicle Speed) (-4.5 sec)	8 [13]	MPH [km/h]
DID \$31 Byte 82	\$0E	Speed, Vehicle Indicated (Vehicle Speed)(-5.0 sec)	9 [14]	MPH [km/h]
DID \$31 Byte 83 bits 7-6	\$00	Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	Off	
DID \$31 Byte 83 bits 5-4	\$00	Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off	
DID \$31 Bytes 84-85	\$FFFF	SIR Warning Lamp ON/OFF Time Continuously	655330	seconds
DID \$31 Bytes 86-87	\$02B4	Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	692	
DID \$31 Byte 88	\$FD	Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253	
DID \$31 Bytes 89-90	\$FFFF	DTC number	N/A	
DID \$31 Byte 91	\$FF	DTC fault type	N/A	
DID \$31 Bytes 92-93	\$FFFF	DTC number	N/A	
DID \$31 Byte 94	\$FF	DTC fault type	N/A	
DID \$31 Bytes 95-96	\$FFFF	DTC number	N/A	
DID \$31 Byte 97	\$FF	DTC fault type	N/A	
DID \$31 Bytes 98-99	\$FFFF	DTC number	N/A	
DID \$31 Byte 100	\$FF	DTC fault type	N/A	
DID \$31 Bytes 101-102	\$FFFF	DTC number	N/A	
DID \$31 Byte 103	\$FF	DTC fault type	N/A	
DID \$31 Bytes 104-105	\$FFFF	DTC number	N/A	
DID \$31 Byte 106	\$FF	DTC fault type	N/A	
DID \$31 Bytes 107-108	\$FFFF	DTC number	N/A	
DID \$31 Byte 109	\$FF	DTC fault type	N/A	
DID \$31 Bytes 110-111	\$FFFF	DTC number	N/A	
DID \$31 Byte 112	\$FF	DTC fault type	N/A	
DID \$31 Bytes 113-114	\$FFFF	DTC number	N/A	
DID \$31 Byte 115	\$FF	DTC fault type	N/A	
DID \$31 Byte 116	\$76	Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event)	-6 [-9]	MPH [km/h]
DID \$31 Byte 117	\$51	Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)	162	msec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 118	\$7F	Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event)	0 [0]	MPH [km/h]
DID \$31 Byte 119	\$51	Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)	162	msec
DID \$31 Byte 120	\$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID \$31 Byte 121	\$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID \$31 Byte 122	\$FF	Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID \$31 Byte 123	\$FF	Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID \$31 Byte 124	\$FF	Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID \$31 Byte 125	\$FF	Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met)	Data Not Available	msec
DID \$31 Byte 126	\$FF	Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	Data Not Available	msec
DID \$31 Byte 127	\$FF	Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met)	Data Not Available	msec
DID \$31 Byte 128	\$7E	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	-0.6 [-1]	MPH [km/h]
DID \$31 Byte 129	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (10 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 130	\$7D	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	-1.2 [-2]	MPH [km/h]
DID \$31 Byte 131	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (20 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 132	\$7C	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	-1.9 [-3]	MPH [km/h]
DID \$31 Byte 133	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (30 ms)	0 [0]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 134	\$7B	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	-2.5 [-4]	MPH [km/h]
DID \$31 Byte 135	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (40 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 136	\$79	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	-3.7 [-6]	MPH [km/h]
DID \$31 Byte 137	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (50 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 138	\$78	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	-4.3 [-7]	MPH [km/h]
DID \$31 Byte 139	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (60 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 140	\$77	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	-5 [-8]	MPH [km/h]
DID \$31 Byte 141	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (70 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 142	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 143	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (80 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 144	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 145	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (90 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 146	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 147	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (100 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 148	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 149	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (110 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 150	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 151	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (120 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 152	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 153	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (130 ms)	0 [0]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 154	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 155	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (140 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 156	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 157	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (150 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 158	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 159	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (160 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 160	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 161	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (170 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 162	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 163	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (180 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 164	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 165	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (190 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 166	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 167	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (200 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 168	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 169	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (210 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 170	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 171	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (220 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 172	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 173	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (230 ms)	0 [0]	MPH [km/h]

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 174	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 175	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (240 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 176	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 177	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (250 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 178	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 179	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (260 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 180	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 181	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (270 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 182	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 183	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (280 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 184	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 185	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (290 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 186	\$76	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	-5.6 [-9]	MPH [km/h]
DID \$31 Byte 187	\$7F	Delta-V, Lateral (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (300 ms)	0 [0]	MPH [km/h]
DID \$31 Byte 188	\$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (2 ms)	-1.0	G
DID \$31 Byte 189	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (2 ms)	-0.2	G
DID \$31 Byte 190	\$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (4 ms)	-1.4	G
DID \$31 Byte 191	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (4 ms)	-0.2	G
DID \$31 Byte 192	\$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (6 ms)	-1.4	G
DID \$31 Byte 193	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (6 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 194	\$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (8 ms)	-1.0	G
DID \$31 Byte 195	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (8 ms)	-0.2	G
DID \$31 Byte 196	\$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (10 ms)	-2.6	G
DID \$31 Byte 197	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (10 ms)	-0.2	G
DID \$31 Byte 198	\$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (12 ms)	-2.2	G
DID \$31 Byte 199	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (12 ms)	-0.2	G
DID \$31 Byte 200	\$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (14 ms)	-1.8	G
DID \$31 Byte 201	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (14 ms)	-0.2	G
DID \$31 Byte 202	\$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (16 ms)	-3.0	G
DID \$31 Byte 203	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (16 ms)	-0.2	G
DID \$31 Byte 204	\$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (18 ms)	-3.4	G
DID \$31 Byte 205	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (18 ms)	-0.2	G
DID \$31 Byte 206	\$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (20 ms)	-3.8	G
DID \$31 Byte 207	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (20 ms)	-0.2	G
DID \$31 Byte 208	\$75	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (22 ms)	-4.2	G
DID \$31 Byte 209	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (22 ms)	-0.2	G
DID \$31 Byte 210	\$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (24 ms)	-4.6	G
DID \$31 Byte 211	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (24 ms)	-0.2	G
DID \$31 Byte 212	\$75	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (26 ms)	-4.2	G
DID \$31 Byte 213	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (26 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 214	\$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (28 ms)	-3.8	G
DID \$31 Byte 215	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (28 ms)	-0.2	G
DID \$31 Byte 216	\$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (30 ms)	-3.8	G
DID \$31 Byte 217	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (30 ms)	-0.2	G
DID \$31 Byte 218	\$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (32 ms)	-3.8	G
DID \$31 Byte 219	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (32 ms)	-0.2	G
DID \$31 Byte 220	\$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (34 ms)	-3.8	G
DID \$31 Byte 221	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (34 ms)	-0.2	G
DID \$31 Byte 222	\$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (36 ms)	-3.8	G
DID \$31 Byte 223	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (36 ms)	-0.2	G
DID \$31 Byte 224	\$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (38 ms)	-4.6	G
DID \$31 Byte 225	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (38 ms)	0.2	G
DID \$31 Byte 226	\$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (40 ms)	-4.6	G
DID \$31 Byte 227	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (40 ms)	-0.2	G
DID \$31 Byte 228	\$73	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (42 ms)	-5.0	G
DID \$31 Byte 229	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (42 ms)	-0.2	G
DID \$31 Byte 230	\$73	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (44 ms)	-5.0	G
DID \$31 Byte 231	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (44 ms)	-0.2	G
DID \$31 Byte 232	\$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (46 ms)	-4.6	G
DID \$31 Byte 233	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (46 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 234	\$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (48 ms)	-4.6	G
DID \$31 Byte 235	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (48 ms)	-0.2	G
DID \$31 Byte 236	\$74	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (50 ms)	-4.6	G
DID \$31 Byte 237	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (50 ms)	-0.2	G
DID \$31 Byte 238	\$73	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (52 ms)	-5.0	G
DID \$31 Byte 239	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (52 ms)	0.2	G
DID \$31 Byte 240	\$75	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (54 ms)	-4.2	G
DID \$31 Byte 241	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (54 ms)	-0.2	G
DID \$31 Byte 242	\$76	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (56 ms)	-3.8	G
DID \$31 Byte 243	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (56 ms)	-0.2	G
DID \$31 Byte 244	\$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (58 ms)	-3.4	G
DID \$31 Byte 245	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (58 ms)	0.2	G
DID \$31 Byte 246	\$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (60 ms)	-3.4	G
DID \$31 Byte 247	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (60 ms)	-0.2	G
DID \$31 Byte 248	\$77	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (62 ms)	-3.4	G
DID \$31 Byte 249	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (62 ms)	-0.2	G
DID \$31 Byte 250	\$78	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (64 ms)	-3.0	G
DID \$31 Byte 251	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (64 ms)	-0.2	G
DID \$31 Byte 252	\$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (66 ms)	-2.6	G
DID \$31 Byte 253	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (66 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 254	\$79	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (68 ms)	-2.6	G
DID \$31 Byte 255	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (68 ms)	-0.2	G
DID \$31 Byte 256	\$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (70 ms)	-2.2	G
DID \$31 Byte 257	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (70 ms)	-0.2	G
DID \$31 Byte 258	\$7A	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (72 ms)	-2.2	G
DID \$31 Byte 259	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (72 ms)	-0.2	G
DID \$31 Byte 260	\$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (74 ms)	-1.8	G
DID \$31 Byte 261	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (74 ms)	-0.2	G
DID \$31 Byte 262	\$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (76 ms)	-1.8	G
DID \$31 Byte 263	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (76 ms)	-0.2	G
DID \$31 Byte 264	\$7B	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (78 ms)	-1.8	G
DID \$31 Byte 265	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (78 ms)	-0.2	G
DID \$31 Byte 266	\$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (80 ms)	-1.4	G
DID \$31 Byte 267	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (80 ms)	-0.2	G
DID \$31 Byte 268	\$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (82 ms)	-1.4	G
DID \$31 Byte 269	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (82 ms)	-0.2	G
DID \$31 Byte 270	\$7C	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (84 ms)	-1.4	G
DID \$31 Byte 271	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (84 ms)	-0.2	G
DID \$31 Byte 272	\$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (86 ms)	-1.0	G
DID \$31 Byte 273	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (86 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 274	\$7D	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (88 ms)	-1.0	G
DID \$31 Byte 275	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (88 ms)	-0.2	G
DID \$31 Byte 276	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (90 ms)	-0.6	G
DID \$31 Byte 277	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (90 ms)	-0.2	G
DID \$31 Byte 278	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (92 ms)	-0.6	G
DID \$31 Byte 279	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (92 ms)	-0.2	G
DID \$31 Byte 280	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (94 ms)	-0.6	G
DID \$31 Byte 281	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (94 ms)	-0.2	G
DID \$31 Byte 282	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (96 ms)	-0.6	G
DID \$31 Byte 283	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (96 ms)	0.2	G
DID \$31 Byte 284	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (98 ms)	-0.6	G
DID \$31 Byte 285	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (98 ms)	-0.2	G
DID \$31 Byte 286	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (100 ms)	-0.2	G
DID \$31 Byte 287	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (100 ms)	-0.2	G
DID \$31 Byte 288	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (102 ms)	-0.2	G
DID \$31 Byte 289	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (102 ms)	0.2	G
DID \$31 Byte 290	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (104 ms)	-0.2	G
DID \$31 Byte 291	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (104 ms)	-0.2	G
DID \$31 Byte 292	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (106 ms)	-0.2	G
DID \$31 Byte 293	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (106 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 294	\$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (108 ms)	0.2	G
DID \$31 Byte 295	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (108 ms)	-0.2	G
DID \$31 Byte 296	\$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (110 ms)	0.2	G
DID \$31 Byte 297	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (110 ms)	-0.2	G
DID \$31 Byte 298	\$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (112 ms)	0.2	G
DID \$31 Byte 299	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (112 ms)	-0.2	G
DID \$31 Byte 300	\$80	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (114 ms)	0.2	G
DID \$31 Byte 301	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (114 ms)	-0.2	G
DID \$31 Byte 302	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (116 ms)	-0.2	G
DID \$31 Byte 303	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (116 ms)	-0.2	G
DID \$31 Byte 304	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (118 ms)	-0.2	G
DID \$31 Byte 305	\$7E	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (118 ms)	-0.6	G
DID \$31 Byte 306	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (120 ms)	-0.2	G
DID \$31 Byte 307	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (120 ms)	-0.2	G
DID \$31 Byte 308	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (122 ms)	-0.2	G
DID \$31 Byte 309	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (122 ms)	-0.2	G
DID \$31 Byte 310	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (124 ms)	-0.2	G
DID \$31 Byte 311	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (124 ms)	-0.2	G
DID \$31 Byte 312	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (126 ms)	-0.2	G
DID \$31 Byte 313	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (126 ms)	-0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 314	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (128 ms)	-0.2	G
DID \$31 Byte 315	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (128 ms)	-0.2	G
DID \$31 Byte 316	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (130 ms)	-0.2	G
DID \$31 Byte 317	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (130 ms)	-0.2	G
DID \$31 Byte 318	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (132 ms)	-0.2	G
DID \$31 Byte 319	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (132 ms)	-0.2	G
DID \$31 Byte 320	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (134 ms)	-0.2	G
DID \$31 Byte 321	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (134 ms)	0.2	G
DID \$31 Byte 322	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (136 ms)	-0.2	G
DID \$31 Byte 323	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (136 ms)	-0.2	G
DID \$31 Byte 324	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (138 ms)	-0.2	G
DID \$31 Byte 325	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (138 ms)	-0.2	G
DID \$31 Byte 326	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (140 ms)	-0.2	G
DID \$31 Byte 327	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (140 ms)	-0.2	G
DID \$31 Byte 328	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (142 ms)	-0.6	G
DID \$31 Byte 329	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (142 ms)	-0.2	G
DID \$31 Byte 330	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (144 ms)	-0.6	G
DID \$31 Byte 331	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (144 ms)	-0.2	G
DID \$31 Byte 332	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (146 ms)	-0.6	G
DID \$31 Byte 333	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (146 ms)	0.2	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 334	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (148 ms)	-0.6	G
DID \$31 Byte 335	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (148 ms)	0.2	G
DID \$31 Byte 336	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (150 ms)	-0.6	G
DID \$31 Byte 337	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (150 ms)	-0.2	G
DID \$31 Byte 338	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (152 ms)	-0.6	G
DID \$31 Byte 339	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (152 ms)	0.2	G
DID \$31 Byte 340	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (154 ms)	-0.6	G
DID \$31 Byte 341	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (154 ms)	-0.2	G
DID \$31 Byte 342	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (156 ms)	-0.6	G
DID \$31 Byte 343	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (156 ms)	-0.2	G
DID \$31 Byte 344	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (158 ms)	-0.6	G
DID \$31 Byte 345	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (158 ms)	-0.2	G
DID \$31 Byte 346	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (160 ms)	-0.6	G
DID \$31 Byte 347	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (160 ms)	-0.2	G
DID \$31 Byte 348	\$7E	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (162 ms)	-0.6	G
DID \$31 Byte 349	\$7F	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (162 ms)	-0.2	G
DID \$31 Byte 350	\$7F	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (164 ms)	-0.2	G
DID \$31 Byte 351	\$80	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (164 ms)	0.2	G
DID \$31 Byte 352	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (166 ms)	Data Not Available	G
DID \$31 Byte 353	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (166 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 354	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (168 ms)	Data Not Available	G
DID \$31 Byte 355	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (168 ms)	Data Not Available	G
DID \$31 Byte 356	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (170 ms)	Data Not Available	G
DID \$31 Byte 357	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (170 ms)	Data Not Available	G
DID \$31 Byte 358	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (172 ms)	Data Not Available	G
DID \$31 Byte 359	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (172 ms)	Data Not Available	G
DID \$31 Byte 360	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (174 ms)	Data Not Available	G
DID \$31 Byte 361	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (174 ms)	Data Not Available	G
DID \$31 Byte 362	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (176 ms)	Data Not Available	G
DID \$31 Byte 363	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (176 ms)	Data Not Available	G
DID \$31 Byte 364	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (178 ms)	Data Not Available	G
DID \$31 Byte 365	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (178 ms)	Data Not Available	G
DID \$31 Byte 366	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (180 ms)	Data Not Available	G
DID \$31 Byte 367	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (180 ms)	Data Not Available	G
DID \$31 Byte 368	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (182 ms)	Data Not Available	G
DID \$31 Byte 369	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (182 ms)	Data Not Available	G
DID \$31 Byte 370	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (184 ms)	Data Not Available	G
DID \$31 Byte 371	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (184 ms)	Data Not Available	G
DID \$31 Byte 372	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (186 ms)	Data Not Available	G
DID \$31 Byte 373	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (186 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 374	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (188 ms)	Data Not Available	G
DID \$31 Byte 375	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (188 ms)	Data Not Available	G
DID \$31 Byte 376	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (190 ms)	Data Not Available	G
DID \$31 Byte 377	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (190 ms)	Data Not Available	G
DID \$31 Byte 378	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (192 ms)	Data Not Available	G
DID \$31 Byte 379	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (192 ms)	Data Not Available	G
DID \$31 Byte 380	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (194 ms)	Data Not Available	G
DID \$31 Byte 381	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (194 ms)	Data Not Available	G
DID \$31 Byte 382	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (196 ms)	Data Not Available	G
DID \$31 Byte 383	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (196 ms)	Data Not Available	G
DID \$31 Byte 384	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (198 ms)	Data Not Available	G
DID \$31 Byte 385	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (198 ms)	Data Not Available	G
DID \$31 Byte 386	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (200 ms)	Data Not Available	G
DID \$31 Byte 387	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (200 ms)	Data Not Available	G
DID \$31 Byte 388	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (202 ms)	Data Not Available	G
DID \$31 Byte 389	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (202 ms)	Data Not Available	G
DID \$31 Byte 390	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (204 ms)	Data Not Available	G
DID \$31 Byte 391	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (204 ms)	Data Not Available	G
DID \$31 Byte 392	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (206 ms)	Data Not Available	G
DID \$31 Byte 393	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (206 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 394	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (208 ms)	Data Not Available	G
DID \$31 Byte 395	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (208 ms)	Data Not Available	G
DID \$31 Byte 396	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (210 ms)	Data Not Available	G
DID \$31 Byte 397	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (210 ms)	Data Not Available	G
DID \$31 Byte 398	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (212 ms)	Data Not Available	G
DID \$31 Byte 399	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (212 ms)	Data Not Available	G
DID \$31 Byte 400	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (214 ms)	Data Not Available	G
DID \$31 Byte 401	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (214 ms)	Data Not Available	G
DID \$31 Byte 402	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (216 ms)	Data Not Available	G
DID \$31 Byte 403	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (216 ms)	Data Not Available	G
DID \$31 Byte 404	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (218 ms)	Data Not Available	G
DID \$31 Byte 405	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (218 ms)	Data Not Available	G
DID \$31 Byte 406	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (220 ms)	Data Not Available	G
DID \$31 Byte 407	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (220 ms)	Data Not Available	G
DID \$31 Byte 408	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (222 ms)	Data Not Available	G
DID \$31 Byte 409	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (222 ms)	Data Not Available	G
DID \$31 Byte 410	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (224 ms)	Data Not Available	G
DID \$31 Byte 411	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (224 ms)	Data Not Available	G
DID \$31 Byte 412	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (226 ms)	Data Not Available	G
DID \$31 Byte 413	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (226 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 414	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (228 ms)	Data Not Available	G
DID \$31 Byte 415	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (228 ms)	Data Not Available	G
DID \$31 Byte 416	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (230 ms)	Data Not Available	G
DID \$31 Byte 417	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (230 ms)	Data Not Available	G
DID \$31 Byte 418	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (232 ms)	Data Not Available	G
DID \$31 Byte 419	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (232 ms)	Data Not Available	G
DID \$31 Byte 420	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (234 ms)	Data Not Available	G
DID \$31 Byte 421	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (234 ms)	Data Not Available	G
DID \$31 Byte 422	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (236 ms)	Data Not Available	G
DID \$31 Byte 423	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (236 ms)	Data Not Available	G
DID \$31 Byte 424	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (238 ms)	Data Not Available	G
DID \$31 Byte 425	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (238 ms)	Data Not Available	G
DID \$31 Byte 426	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (240 ms)	Data Not Available	G
DID \$31 Byte 427	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (240 ms)	Data Not Available	G
DID \$31 Byte 428	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (242 ms)	Data Not Available	G
DID \$31 Byte 429	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (242 ms)	Data Not Available	G
DID \$31 Byte 430	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (244 ms)	Data Not Available	G
DID \$31 Byte 431	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (244 ms)	Data Not Available	G
DID \$31 Byte 432	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (246 ms)	Data Not Available	G
DID \$31 Byte 433	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (246 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 434	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (248 ms)	Data Not Available	G
DID \$31 Byte 435	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (248 ms)	Data Not Available	G
DID \$31 Byte 436	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (250 ms)	Data Not Available	G
DID \$31 Byte 437	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (250 ms)	Data Not Available	G
DID \$31 Byte 438	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (252 ms)	Data Not Available	G
DID \$31 Byte 439	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (252 ms)	Data Not Available	G
DID \$31 Byte 440	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (254 ms)	Data Not Available	G
DID \$31 Byte 441	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (254 ms)	Data Not Available	G
DID \$31 Byte 442	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (256 ms)	Data Not Available	G
DID \$31 Byte 443	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (256 ms)	Data Not Available	G
DID \$31 Byte 444	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (258 ms)	Data Not Available	G
DID \$31 Byte 445	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (258 ms)	Data Not Available	G
DID \$31 Byte 446	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (260 ms)	Data Not Available	G
DID \$31 Byte 447	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (260 ms)	Data Not Available	G
DID \$31 Byte 448	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (262 ms)	Data Not Available	G
DID \$31 Byte 449	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (262 ms)	Data Not Available	G
DID \$31 Byte 450	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (264 ms)	Data Not Available	G
DID \$31 Byte 451	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (264ms)	Data Not Available	G
DID \$31 Byte 452	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (266 ms)	Data Not Available	G
DID \$31 Byte 453	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (266 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 454	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (268 ms)	Data Not Available	G
DID \$31 Byte 455	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (268 ms)	Data Not Available	G
DID \$31 Byte 456	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (270 ms)	Data Not Available	G
DID \$31 Byte 457	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (270 ms)	Data Not Available	G
DID \$31 Byte 458	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (272 ms)	Data Not Available	G
DID \$31 Byte 459	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (272 ms)	Data Not Available	G
DID \$31 Byte 460	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (274 ms)	Data Not Available	G
DID \$31 Byte 461	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (274 ms)	Data Not Available	G
DID \$31 Byte 462	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (276 ms)	Data Not Available	G
DID \$31 Byte 463	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (276 ms)	Data Not Available	G
DID \$31 Byte 464	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (278 ms)	Data Not Available	G
DID \$31 Byte 465	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (278 ms)	Data Not Available	G
DID \$31 Byte 466	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (280 ms)	Data Not Available	G
DID \$31 Byte 467	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (280 ms)	Data Not Available	G
DID \$31 Byte 468	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (282 ms)	Data Not Available	G
DID \$31 Byte 469	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (282 ms)	Data Not Available	G
DID \$31 Byte 470	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (284 ms)	Data Not Available	G
DID \$31 Byte 471	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (284 ms)	Data Not Available	G
DID \$31 Byte 472	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (286 ms)	Data Not Available	G
DID \$31 Byte 473	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (286 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 474	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (288 ms)	Data Not Available	G
DID \$31 Byte 475	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (288 ms)	Data Not Available	G
DID \$31 Byte 476	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (290 ms)	Data Not Available	G
DID \$31 Byte 477	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (290ms)	Data Not Available	G
DID \$31 Byte 478	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (292 ms)	Data Not Available	G
DID \$31 Byte 479	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (292 ms)	Data Not Available	G
DID \$31 Byte 480	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (294 ms)	Data Not Available	G
DID \$31 Byte 481	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (294 ms)	Data Not Available	G
DID \$31 Byte 482	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (296 ms)	Data Not Available	G
DID \$31 Byte 483	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (296 ms)	Data Not Available	G
DID \$31 Byte 484	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (298 ms)	Data Not Available	G
DID \$31 Byte 485	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (298 ms)	Data Not Available	G
DID \$31 Byte 486	\$FF	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (300 ms)	Data Not Available	G
DID \$31 Byte 487	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (300 ms)	Data Not Available	G
DID \$31 Byte 488	\$FF	SDM Recorded Vehicle Roll Rate (-700 ms)	Data Not Available	deg/sec
DID \$31 Byte 489	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID \$31 Byte 490	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-700 ms)	Data Not Available	G
DID \$31 Byte 491	\$FF	SDM Recorded Vehicle Roll Rate (-690 ms)	Data Not Available	deg/sec
DID \$31 Byte 492	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-690 ms)	Data Not Available	G
DID \$31 Byte 493	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-690 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 494	\$FF	SDM Recorded Vehicle Roll Rate (-680 ms)	Data Not Available	deg/sec
DID \$31 Byte 495	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID \$31 Byte 496	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-680 ms)	Data Not Available	G
DID \$31 Byte 497	\$FF	SDM Recorded Vehicle Roll Rate (-670 ms)	Data Not Available	deg/sec
DID \$31 Byte 498	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID \$31 Byte 499	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-670 ms)	Data Not Available	G
DID \$31 Byte 500	\$FF	SDM Recorded Vehicle Roll Rate (-660 ms)	Data Not Available	deg/sec
DID \$31 Byte 501	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID \$31 Byte 502	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-660 ms)	Data Not Available	G
DID \$31 Byte 503	\$FF	SDM Recorded Vehicle Roll Rate (-650 ms)	Data Not Available	deg/sec
DID \$31 Byte 504	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID \$31 Byte 505	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-650 ms)	Data Not Available	G
DID \$31 Byte 506	\$FF	SDM Recorded Vehicle Roll Rate (-640 ms)	Data Not Available	deg/sec
DID \$31 Byte 507	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID \$31 Byte 508	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-640 ms)	Data Not Available	G
DID \$31 Byte 509	\$FF	SDM Recorded Vehicle Roll Rate (-630 ms)	Data Not Available	deg/sec
DID \$31 Byte 510	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID \$31 Byte 511	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-630 ms)	Data Not Available	G
DID \$31 Byte 512	\$FF	SDM Recorded Vehicle Roll Rate (-620 ms)	Data Not Available	deg/sec
DID \$31 Byte 513	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-620 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 514	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-620 ms)	Data Not Available	G
DID \$31 Byte 515	\$FF	SDM Recorded Vehicle Roll Rate (-610 ms)	Data Not Available	deg/sec
DID \$31 Byte 516	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID \$31 Byte 517	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-610 ms)	Data Not Available	G
DID \$31 Byte 518	\$FF	SDM Recorded Vehicle Roll Rate (-600 ms)	Data Not Available	deg/sec
DID \$31 Byte 519	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID \$31 Byte 520	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-600 ms)	Data Not Available	G
DID \$31 Byte 521	\$FF	SDM Recorded Vehicle Roll Rate (-590 ms)	Data Not Available	deg/sec
DID \$31 Byte 522	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID \$31 Byte 523	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-590 ms)	Data Not Available	G
DID \$31 Byte 524	\$FF	SDM Recorded Vehicle Roll Rate (-580 ms)	Data Not Available	deg/sec
DID \$31 Byte 525	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID \$31 Byte 526	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-580 ms)	Data Not Available	G
DID \$31 Byte 527	\$FF	SDM Recorded Vehicle Roll Rate (-570 ms)	Data Not Available	deg/sec
DID \$31 Byte 528	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID \$31 Byte 529	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-570 ms)	Data Not Available	G
DID \$31 Byte 530	\$FF	SDM Recorded Vehicle Roll Rate (-560 ms)	Data Not Available	deg/sec
DID \$31 Byte 531	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID \$31 Byte 532	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-560 ms)	Data Not Available	G
DID \$31 Byte 533	\$FF	SDM Recorded Vehicle Roll Rate (-550 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 534	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID \$31 Byte 535	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-550 ms)	Data Not Available	G
DID \$31 Byte 536	\$FF	SDM Recorded Vehicle Roll Rate (-540 ms)	Data Not Available	deg/sec
DID \$31 Byte 537	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID \$31 Byte 538	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-540 ms)	Data Not Available	G
DID \$31 Byte 539	\$FF	SDM Recorded Vehicle Roll Rate (-530 ms)	Data Not Available	deg/sec
DID \$31 Byte 540	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID \$31 Byte 541	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-530 ms)	Data Not Available	G
DID \$31 Byte 542	\$FF	SDM Recorded Vehicle Roll Rate (-520 ms)	Data Not Available	deg/sec
DID \$31 Byte 543	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID \$31 Byte 544	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-520 ms)	Data Not Available	G
DID \$31 Byte 545	\$FF	SDM Recorded Vehicle Roll Rate (-510 ms)	Data Not Available	deg/sec
DID \$31 Byte 546	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID \$31 Byte 547	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-510 ms)	Data Not Available	G
DID \$31 Byte 548	\$FF	SDM Recorded Vehicle Roll Rate (-500 ms)	Data Not Available	deg/sec
DID \$31 Byte 549	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID \$31 Byte 550	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-500 ms)	Data Not Available	G
DID \$31 Byte 551	\$FF	SDM Recorded Vehicle Roll Rate (-490 ms)	Data Not Available	deg/sec
DID \$31 Byte 552	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-490 ms)	Data Not Available	G
DID \$31 Byte 553	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-490 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 554	\$FF	SDM Recorded Vehicle Roll Rate (-480 ms)	Data Not Available	deg/sec
DID \$31 Byte 555	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID \$31 Byte 556	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-480 ms)	Data Not Available	G
DID \$31 Byte 557	\$FF	SDM Recorded Vehicle Roll Rate (-470 ms)	Data Not Available	deg/sec
DID \$31 Byte 558	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID \$31 Byte 559	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-470 ms)	Data Not Available	G
DID \$31 Byte 560	\$FF	SDM Recorded Vehicle Roll Rate (-460 ms)	Data Not Available	deg/sec
DID \$31 Byte 561	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID \$31 Byte 562	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-460 ms)	Data Not Available	G
DID \$31 Byte 563	\$FF	SDM Recorded Vehicle Roll Rate (-450 ms)	Data Not Available	deg/sec
DID \$31 Byte 564	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID \$31 Byte 565	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-450 ms)	Data Not Available	G
DID \$31 Byte 566	\$FF	SDM Recorded Vehicle Roll Rate (-440 ms)	Data Not Available	deg/sec
DID \$31 Byte 567	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID \$31 Byte 568	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-440 ms)	Data Not Available	G
DID \$31 Byte 569	\$FF	SDM Recorded Vehicle Roll Rate (-430 ms)	Data Not Available	deg/sec
DID \$31 Byte 570	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID \$31 Byte 571	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-430 ms)	Data Not Available	G
DID \$31 Byte 572	\$FF	SDM Recorded Vehicle Roll Rate (-420 ms)	Data Not Available	deg/sec
DID \$31 Byte 573	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-420 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 574	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-420 ms)	Data Not Available	G
DID \$31 Byte 575	\$FF	SDM Recorded Vehicle Roll Rate (-410 ms)	Data Not Available	deg/sec
DID \$31 Byte 576	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID \$31 Byte 577	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-410 ms)	Data Not Available	G
DID \$31 Byte 578	\$FF	SDM Recorded Vehicle Roll Rate (-400 ms)	Data Not Available	deg/sec
DID \$31 Byte 579	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID \$31 Byte 580	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-400 ms)	Data Not Available	G
DID \$31 Byte 581	\$FF	SDM Recorded Vehicle Roll Rate (-390 ms)	Data Not Available	deg/sec
DID \$31 Byte 582	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID \$31 Byte 583	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-390 ms)	Data Not Available	G
DID \$31 Byte 584	\$FF	SDM Recorded Vehicle Roll Rate (-380 ms)	Data Not Available	deg/sec
DID \$31 Byte 585	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID \$31 Byte 586	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-380 ms)	Data Not Available	G
DID \$31 Byte 587	\$FF	SDM Recorded Vehicle Roll Rate (-370 ms)	Data Not Available	deg/sec
DID \$31 Byte 588	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID \$31 Byte 589	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-370 ms)	Data Not Available	G
DID \$31 Byte 590	\$FF	SDM Recorded Vehicle Roll Rate (-360 ms)	Data Not Available	deg/sec
DID \$31 Byte 591	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID \$31 Byte 592	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-360 ms)	Data Not Available	G
DID \$31 Byte 593	\$FF	SDM Recorded Vehicle Roll Rate (-350 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 594	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID \$31 Byte 595	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-350 ms)	Data Not Available	G
DID \$31 Byte 596	\$FF	SDM Recorded Vehicle Roll Rate (-340 ms)	Data Not Available	deg/sec
DID \$31 Byte 597	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID \$31 Byte 598	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-340 ms)	Data Not Available	G
DID \$31 Byte 599	\$FF	SDM Recorded Vehicle Roll Rate (-330 ms)	Data Not Available	deg/sec
DID \$31 Byte 600	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID \$31 Byte 601	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-330 ms)	Data Not Available	G
DID \$31 Byte 602	\$FF	SDM Recorded Vehicle Roll Rate (-320 ms)	Data Not Available	deg/sec
DID \$31 Byte 603	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID \$31 Byte 604	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-320 ms)	Data Not Available	G
DID \$31 Byte 605	\$FF	SDM Recorded Vehicle Roll Rate (-310 ms)	Data Not Available	deg/sec
DID \$31 Byte 606	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID \$31 Byte 607	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-310 ms)	Data Not Available	G
DID \$31 Byte 608	\$FF	SDM Recorded Vehicle Roll Rate (-300 ms)	Data Not Available	deg/sec
DID \$31 Byte 609	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID \$31 Byte 610	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-300 ms)	Data Not Available	G
DID \$31 Byte 611	\$FF	SDM Recorded Vehicle Roll Rate (-290 ms)	Data Not Available	deg/sec
DID \$31 Byte 612	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-290 ms)	Data Not Available	G
DID \$31 Byte 613	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-290 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 614	\$FF	SDM Recorded Vehicle Roll Rate (-280 ms)	Data Not Available	deg/sec
DID \$31 Byte 615	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID \$31 Byte 616	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-280 ms)	Data Not Available	G
DID \$31 Byte 617	\$FF	SDM Recorded Vehicle Roll Rate (-270 ms)	Data Not Available	deg/sec
DID \$31 Byte 618	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID \$31 Byte 619	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-270 ms)	Data Not Available	G
DID \$31 Byte 620	\$FF	SDM Recorded Vehicle Roll Rate (-260 ms)	Data Not Available	deg/sec
DID \$31 Byte 621	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID \$31 Byte 622	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-260 ms)	Data Not Available	G
DID \$31 Byte 623	\$FF	SDM Recorded Vehicle Roll Rate (-250 ms)	Data Not Available	deg/sec
DID \$31 Byte 624	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID \$31 Byte 625	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-250 ms)	Data Not Available	G
DID \$31 Byte 626	\$FF	SDM Recorded Vehicle Roll Rate (-240 ms)	Data Not Available	deg/sec
DID \$31 Byte 627	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID \$31 Byte 628	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-240 ms)	Data Not Available	G
DID \$31 Byte 629	\$FF	SDM Recorded Vehicle Roll Rate (-230 ms)	Data Not Available	deg/sec
DID \$31 Byte 630	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID \$31 Byte 631	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-230 ms)	Data Not Available	G
DID \$31 Byte 632	\$FF	SDM Recorded Vehicle Roll Rate (-220 ms)	Data Not Available	deg/sec
DID \$31 Byte 633	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-220 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 634	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-220 ms)	Data Not Available	G
DID \$31 Byte 635	\$FF	SDM Recorded Vehicle Roll Rate (-210 ms)	Data Not Available	deg/sec
DID \$31 Byte 636	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID \$31 Byte 637	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-210 ms)	Data Not Available	G
DID \$31 Byte 638	\$FF	SDM Recorded Vehicle Roll Rate (-200 ms)	Data Not Available	deg/sec
DID \$31 Byte 639	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID \$31 Byte 640	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-200 ms)	Data Not Available	G
DID \$31 Byte 641	\$FF	SDM Recorded Vehicle Roll Rate (-190 ms)	Data Not Available	deg/sec
DID \$31 Byte 642	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID \$31 Byte 643	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-190 ms)	Data Not Available	G
DID \$31 Byte 644	\$FF	SDM Recorded Vehicle Roll Rate (-180 ms)	Data Not Available	deg/sec
DID \$31 Byte 645	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID \$31 Byte 646	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-180 ms)	Data Not Available	G
DID \$31 Byte 647	\$FF	SDM Recorded Vehicle Roll Rate (-170 ms)	Data Not Available	deg/sec
DID \$31 Byte 648	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID \$31 Byte 649	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-170 ms)	Data Not Available	G
DID \$31 Byte 650	\$FF	SDM Recorded Vehicle Roll Rate (-160 ms)	Data Not Available	deg/sec
DID \$31 Byte 651	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID \$31 Byte 652	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-160 ms)	Data Not Available	G
DID \$31 Byte 653	\$FF	SDM Recorded Vehicle Roll Rate (-150 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 654	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID \$31 Byte 655	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-150 ms)	Data Not Available	G
DID \$31 Byte 656	\$FF	SDM Recorded Vehicle Roll Rate (-140 ms)	Data Not Available	deg/sec
DID \$31 Byte 657	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID \$31 Byte 658	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-140 ms)	Data Not Available	G
DID \$31 Byte 659	\$FF	SDM Recorded Vehicle Roll Rate (-130 ms)	Data Not Available	deg/sec
DID \$31 Byte 660	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID \$31 Byte 661	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-130 ms)	Data Not Available	G
DID \$31 Byte 662	\$FF	SDM Recorded Vehicle Roll Rate (-120 ms)	Data Not Available	deg/sec
DID \$31 Byte 663	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID \$31 Byte 664	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-120 ms)	Data Not Available	G
DID \$31 Byte 665	\$FF	SDM Recorded Vehicle Roll Rate (-110 ms)	Data Not Available	deg/sec
DID \$31 Byte 666	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID \$31 Byte 667	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-110 ms)	Data Not Available	G
DID \$31 Byte 668	\$FF	SDM Recorded Vehicle Roll Rate (-100 ms)	Data Not Available	deg/sec
DID \$31 Byte 669	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID \$31 Byte 670	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-100 ms)	Data Not Available	G
DID \$31 Byte 671	\$FF	SDM Recorded Vehicle Roll Rate (-90 ms)	Data Not Available	deg/sec
DID \$31 Byte 672	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-90 ms)	Data Not Available	G
DID \$31 Byte 673	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-90 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 674	\$FF	SDM Recorded Vehicle Roll Rate (-80 ms)	Data Not Available	deg/sec
DID \$31 Byte 675	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID \$31 Byte 676	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-80 ms)	Data Not Available	G
DID \$31 Byte 677	\$FF	SDM Recorded Vehicle Roll Rate (-70 ms)	Data Not Available	deg/sec
DID \$31 Byte 678	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID \$31 Byte 679	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-70 ms)	Data Not Available	G
DID \$31 Byte 680	\$FF	SDM Recorded Vehicle Roll Rate (-60 ms)	Data Not Available	deg/sec
DID \$31 Byte 681	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID \$31 Byte 682	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-60 ms)	Data Not Available	G
DID \$31 Byte 683	\$FF	SDM Recorded Vehicle Roll Rate (-50 ms)	Data Not Available	deg/sec
DID \$31 Byte 684	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID \$31 Byte 685	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-50 ms)	Data Not Available	G
DID \$31 Byte 686	\$FF	SDM Recorded Vehicle Roll Rate (-40 ms)	Data Not Available	deg/sec
DID \$31 Byte 687	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID \$31 Byte 688	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-40 ms)	Data Not Available	G
DID \$31 Byte 689	\$FF	SDM Recorded Vehicle Roll Rate (-30 ms)	Data Not Available	deg/sec
DID \$31 Byte 690	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID \$31 Byte 691	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-30 ms)	Data Not Available	G
DID \$31 Byte 692	\$FF	SDM Recorded Vehicle Roll Rate (-20 ms)	Data Not Available	deg/sec
DID \$31 Byte 693	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (-20 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 694	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (-20 ms)	Data Not Available	G
DID \$31 Byte 695	\$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID \$31 Byte 696	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID \$31 Byte 697	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID \$31 Byte 698	\$FF	SDM Recorded Vehicle Roll Rate (0 ms)	Data Not Available	deg/sec
DID \$31 Byte 699	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID \$31 Byte 700	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (0 ms)	Data Not Available	G
DID \$31 Byte 701	\$FF	SDM Recorded Vehicle Roll Rate (10 ms)	Data Not Available	deg/sec
DID \$31 Byte 702	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID \$31 Byte 703	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (10 ms)	Data Not Available	G
DID \$31 Byte 704	\$FF	SDM Recorded Vehicle Roll Rate (20 ms)	Data Not Available	deg/sec
DID \$31 Byte 705	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID \$31 Byte 706	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (20 ms)	Data Not Available	G
DID \$31 Byte 707	\$FF	SDM Recorded Vehicle Roll Rate (30 ms)	Data Not Available	deg/sec
DID \$31 Byte 708	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID \$31 Byte 709	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (30 ms)	Data Not Available	G
DID \$31 Byte 710	\$FF	SDM Recorded Vehicle Roll Rate (40 ms)	Data Not Available	deg/sec
DID \$31 Byte 711	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID \$31 Byte 712	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (40 ms)	Data Not Available	G
DID \$31 Byte 713	\$FF	SDM Recorded Vehicle Roll Rate (50 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 714	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID \$31 Byte 715	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (50 ms)	Data Not Available	G
DID \$31 Byte 716	\$FF	SDM Recorded Vehicle Roll Rate (60 ms)	Data Not Available	deg/sec
DID \$31 Byte 717	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID \$31 Byte 718	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (60 ms)	Data Not Available	G
DID \$31 Byte 719	\$FF	SDM Recorded Vehicle Roll Rate (70 ms)	Data Not Available	deg/sec
DID \$31 Byte 720	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID \$31 Byte 721	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (70 ms)	Data Not Available	G
DID \$31 Byte 722	\$FF	SDM Recorded Vehicle Roll Rate (80 ms)	Data Not Available	deg/sec
DID \$31 Byte 723	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID \$31 Byte 724	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (80 ms)	Data Not Available	G
DID \$31 Byte 725	\$FF	SDM Recorded Vehicle Roll Rate (90 ms)	Data Not Available	deg/sec
DID \$31 Byte 726	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID \$31 Byte 727	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (90 ms)	Data Not Available	G
DID \$31 Byte 728	\$FF	SDM Recorded Vehicle Roll Rate (100 ms)	Data Not Available	deg/sec
DID \$31 Byte 729	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID \$31 Byte 730	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (100 ms)	Data Not Available	G
DID \$31 Byte 731	\$FF	SDM Recorded Vehicle Roll Rate (110 ms)	Data Not Available	deg/sec
DID \$31 Byte 732	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (110 ms)	Data Not Available	G
DID \$31 Byte 733	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (110 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 734	\$FF	SDM Recorded Vehicle Roll Rate (120 ms)	Data Not Available	deg/sec
DID \$31 Byte 735	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID \$31 Byte 736	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (120 ms)	Data Not Available	G
DID \$31 Byte 737	\$FF	SDM Recorded Vehicle Roll Rate (130 ms)	Data Not Available	deg/sec
DID \$31 Byte 738	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID \$31 Byte 739	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (130 ms)	Data Not Available	G
DID \$31 Byte 740	\$FF	SDM Recorded Vehicle Roll Rate (140 ms)	Data Not Available	deg/sec
DID \$31 Byte 741	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID \$31 Byte 742	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (140 ms)	Data Not Available	G
DID \$31 Byte 743	\$FF	SDM Recorded Vehicle Roll Rate (150 ms)	Data Not Available	deg/sec
DID \$31 Byte 744	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID \$31 Byte 745	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (150 ms)	Data Not Available	G
DID \$31 Byte 746	\$FF	SDM Recorded Vehicle Roll Rate (160 ms)	Data Not Available	deg/sec
DID \$31 Byte 747	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID \$31 Byte 748	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (160 ms)	Data Not Available	G
DID \$31 Byte 749	\$FF	SDM Recorded Vehicle Roll Rate (170 ms)	Data Not Available	deg/sec
DID \$31 Byte 750	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID \$31 Byte 751	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (170 ms)	Data Not Available	G
DID \$31 Byte 752	\$FF	SDM Recorded Vehicle Roll Rate (180 ms)	Data Not Available	deg/sec
DID \$31 Byte 753	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (180 ms)	Data Not Available	G

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 754	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (180 ms)	Data Not Available	G
DID \$31 Byte 755	\$FF	SDM Recorded Vehicle Roll Rate (190 ms)	Data Not Available	deg/sec
DID \$31 Byte 756	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID \$31 Byte 757	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (190 ms)	Data Not Available	G
DID \$31 Byte 758	\$FF	SDM Recorded Vehicle Roll Rate (200 ms)	Data Not Available	deg/sec
DID \$31 Byte 759	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID \$31 Byte 760	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (200 ms)	Data Not Available	G
DID \$31 Byte 761	\$FF	SDM Recorded Vehicle Roll Rate (210 ms)	Data Not Available	deg/sec
DID \$31 Byte 762	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID \$31 Byte 763	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (210 ms)	Data Not Available	G
DID \$31 Byte 764	\$FF	SDM Recorded Vehicle Roll Rate (220 ms)	Data Not Available	deg/sec
DID \$31 Byte 765	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID \$31 Byte 766	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (220 ms)	Data Not Available	G
DID \$31 Byte 767	\$FF	SDM Recorded Vehicle Roll Rate (230 ms)	Data Not Available	77
DID \$31 Byte 768	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID \$31 Byte 769	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (230 ms)	Data Not Available	G
DID \$31 Byte 770	\$FF	SDM Recorded Vehicle Roll Rate (240 ms)	Data Not Available	deg/sec
DID \$31 Byte 771	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID \$31 Byte 772	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (240 ms)	Data Not Available	G
DID \$31 Byte 773	\$FF	SDM Recorded Vehicle Roll Rate (250 ms)	Data Not Available	deg/sec

Data Location	Data Value (Hex)	Parameter Descriptor	Translated Value	Units
DID \$31 Byte 774	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID \$31 Byte 775	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (250 ms)	Data Not Available	G
DID \$31 Byte 776	\$FF	SDM Recorded Vehicle Roll Rate (260 ms)	Data Not Available	deg/sec
DID \$31 Byte 777	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID \$31 Byte 778	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (260 ms)	Data Not Available	G
DID \$31 Byte 779	\$FF	SDM Recorded Vehicle Roll Rate (270 ms)	Data Not Available	deg/sec
DID \$31 Byte 780	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID \$31 Byte 781	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (270 ms)	Data Not Available	G
DID \$31 Byte 782	\$FF	SDM Recorded Vehicle Roll Rate (280 ms)	Data Not Available	deg/sec
DID \$31 Byte 783	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID \$31 Byte 784	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (280 ms)	Data Not Available	G
DID \$31 Byte 785	\$FF	SDM Recorded Vehicle Roll Rate (290 ms)	Data Not Available	deg/sec
DID \$31 Byte 786	\$FF	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover Event) (290 ms)	Data Not Available	G
DID \$31 Byte 787	\$FF	Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover Event) (290 ms)	Data Not Available	G

Event 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	\$42	Vehicle Identification Number (VIN) Digit 6	B	
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	\$33	Vehicle Identification Number (VIN) Digit 9	3	
DID \$90 Byte 9	\$46	Vehicle Identification Number (VIN) Digit 10	F	
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 Byte 12	\$38	Vehicle Identification Number (VIN) Digit 13		
DID \$90 Byte 13	\$35	Vehicle Identification Number (VIN) Digit 14		
DID \$90 Byte 14	\$30	Vehicle Identification Number (VIN) Digit 15		
DID \$90 Byte 15	\$32	Vehicle Identification Number (VIN) Digit 16		
DID \$90 Byte 16	\$31	Vehicle Identification Number (VIN) Digit 17		
DID \$9A Bytes 0-1	\$0B11	System Type	N/A	
DID \$B4 Bytes 0-1	\$4B33	Manufacturing Traceability Data, Component Identifier	K3	
DID \$B4 Bytes 2-5	\$31343234	Manufacturing Traceability Data, Part Number/Broadcast Code	1424	
DID \$B4 Byte 6	\$30	Manufacturing Traceability Data, Supplier Code	0	
DID \$B4 Bytes 7-15	\$3339303951553 53030	Manufacturing Traceability Data, Traceability Number	3909QU500	
DID \$C1 Bytes 0-3	\$00CE44D6	Software Module Identifier 1	00CE44D6	
DID \$C2 Bytes 0-3	\$016576DF	Software Module Identifier 2	016576DF	
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	1GNSKBKC3FR [REDACTED]
User	TDB & Associates/Paul Ferri
Case Number	[REDACTED]
EDR Data Imaging Date	10/25/2017
Crash Date	10/04/2017
Filename	1GNSKBKC3FR [REDACTED].ACM.CDRX
Saved on	Wednesday, October 25 2017 at 11:28:00
Imaged with CDR version	Crash Data Retrieval Tool 17.4.2
Imaged with Software Licensed to (Company Name)	Timothy D Brown & Assoc.
Reported with CDR version	Crash Data Retrieval Tool 17.5
Reported with Software Licensed to (Company Name)	Timothy D Brown & Assoc.
EDR Device Type	Airbag Control Module
Event(s) recovered	Non-Deployment

Comments

Downloaded at: [REDACTED], Macomb, MI [REDACTED]
 DLC Used
 Self Powered
 Mileage: 47,033
 SIR Warning Lamp: Lit at key-on then went out

Data Limitations

Recorded Crash Events:

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

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

The second type of SDM recorded crash event for FSR Events is the Deployment Event. It also contains Pre-Crash and Crash data. Deployment Events cannot be overwritten or cleared by the SDM.

Rollover Events contains Pre-Crash and Crash data. Rollover event follow the same rules as FSR Deployment events. The SDM can store up to three Events.

Data:

For FSR Events, SDM Recorded Vehicle Velocity Change reflects the change in velocity that the sensing system experienced during the recorded portion of the event. SDM Recorded Vehicle Velocity Change is the change in velocity during the recording time and is not the speed the vehicle was traveling before the event, and is also not the Barrier Equivalent Velocity. For Deployment and Non-Deployment Events, the SDM will record up to 300 milliseconds of data after time zero. The SDM will also record up to 300 milliseconds of Vehicle Acceleration data after time zero.

For Rollover Events, the SDM may record Lateral Acceleration, Vertical Acceleration, and Roll Rate data, if the SDM is rollover capable. This data reflects what the sensing system experienced during the recorded portion of the event. For Rollover Deployment Events, the SDM will record up to 700 milliseconds of data before the Deployment criteria is met and 290 milliseconds after the Deployment criteria is met.

-Deployment loops may be displayed as being deployed in a Non-Deployment event record, if a Deployment event is qualified during the Non-Deployment event. That is, if two or more events are occurring at the same time and one is a Non-Deployment event and one of the others is a Deployment event, and the Deployment event is qualified while the Non-Deployment is still active, the deployed loops may be recorded in the Non-Deployment event record.

-Time between events is recorded in 10 msec intervals and is displayed in seconds for a maximum time of 655.33 seconds. The counter measures the time from the start of one event to the start of the next event if both events occur within the same ignition cycle.

-The Maximum SDM Recorded Vehicle Velocity Change may occur between the recorded 10 millisecond sample points of the SDM Recorded Vehicle Velocity Change.

-Event Recording Complete will indicate if data from the recorded event has been fully written to the SDM memory or if it has been

interrupted and not fully written.

- SDM Recorded Vehicle Speed accuracy can be affected by various factors, including but not limited to the following:
 - Significant changes in the tire's rolling radius
 - Final drive axle ratio changes
 - Wheel lockup and wheel slip
- Brake Switch Circuit Status indicates the open/closed state of the brake switch circuit.
- Pre-Crash data is recorded asynchronously. The 0.5 second Pre-crash data value (most recent recorded data point) is the data point last sampled before Time Zero. That is to say, the last data point may have been captured just before Time Zero but no more than 0.5 second before Time Zero. All subsequent Pre-crash data values are referenced from this data point.
- Pre-Crash Electronic Data Validity Check Status indicates "Data Invalid" if:
 - The SDM receives a message with an "invalid" flag from the module sending the pre-crash data
- Pre-Crash Electronic Data Validity Check Status indicates "Data Not Available" if:
 - No data is received from the module sending the pre-crash data
- For diesel powered vehicles, the data displayed as Throttle Position (%) is actually the data for the Air Inlet Flap Position. This is not the same as the throttle position for a gasoline powered engines.
- Belt Switch Circuit Status indicates the status of the seat belt switch circuit.
- The ignition cycle counter will increment when the power mode cycles from OFF/Accessory to RUN. Applying and removing of battery power to the module will not increment the ignition cycle counter.
- Ignition Cycles Since DTCs Were Last Cleared can record a maximum value of 253 cycles and can only be reset by a scan tool.
- Dynamic Deployment Event Counter tracks the number of Deployment events that have occurred during the SDM's lifetime.
- Dynamic Event Counter tracks the number of qualified events (either Deployments, Non-deploy, or Rollover events) that have occurred during the SDM's lifetime.
- For Deployment Events, DTC B0052 (Deployment commanded) shall be recorded with the remainder of the data for this event even though it occurred after Event Enable.
- Once a firing loop has been commanded to be deployed, it will not be commanded to be deployed again during the same ignition cycle. Firing loop 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 ± 105 g.
- All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:

- All SDM recorded data is measured, calculated, and stored internally, except for the following:
- Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
 - The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:

The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:

Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01050_SDM30-delphi_r012

System Status at Time of Retrieval

Dynamic Deployment Event Counter	0
Multi-Event, Number of Events (Dynamic Event Counter)	1
Dynamic OnStar Notification Event Counter	0
Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Ignition Cycle, Download (Ignition Cycles at Investigation)	9295
End Model Part Number	00CF6F2D
System Type	N/A
Software Module Identifier 1	00CE44D6
Software Module Identifier 2	016576DF
Software Module Identifier 3	01621D42
Manufacturing Traceability Data, Component Identifier	K3
Manufacturing Traceability Data, Part Number/Broadcast Code	1424
Manufacturing Traceability Data, Supplier Code	0
Manufacturing Traceability Data, Traceability Number	3909QU500
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	P67148A51
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	P67149951
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	ADB327303
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	A1F257303
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	AE80EDF03
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	AC6E9A003
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

System Status at Event (Event Record 1)

Event Record Type	Non-Deployment
OnStar Deployment Status Data Sent	No
Complete file recorded (Event Recording Complete)	Yes
Crash Record Locked	No
OnStar SDM Recorded Vehicle Velocity Change Data Sent	No
Deployment Event Counter	0
Multi-Event, Number of Events (Event Counter)	1
OnStar Notification Event Counter	0
Time From Event 1 to 2 (Time Between Events) (seconds)	Data Not Available
Ignition Cycle, Crash (Ignition Cycles at Event)	9170
Algorithm Active: Frontal	Yes
Algorithm Active: Side	No
Algorithm Active: Rollover	No
Algorithm Active: Rear	Yes
Concurrent Event Flag Set	No
Event Severity Status: Frontal Pretensioner	No
Event Severity Status: Frontal Stage 1	No
Event Severity Status: Frontal Stage 2	No
Event Severity Status: Left Side	No
Event Severity Status: Right Side	No
Event Severity Status: Rear	No
Event Severity Status: Rollover	No
Safety Belt Status, Driver (Driver Belt Switch Circuit Status)	Buckled
Safety Belt Status, Right Front Passenger (Passenger Belt Switch Circuit Status)	Not Buckled
Center Front Row Belt Switch Circuit Status (If Equipped)	Data Not Available
Left Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Center Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Right Row 3 Belt Switch Circuit Status (If Equipped)	Data Not Available
Seat Track Position Switch, Foremost, Status, Driver (Driver Seat Position Status)	No (Rearward)
Seat Track Position Switch, Foremost, Status, Right Front Passenger (Passenger Seat Position Status)	No (Rearward)
Passenger Seat Occupancy Status	Empty
Occupant Size Right Front Passenger Child (Passenger Classification Status)	No (Not Applicable)
Passenger Air Bag ON Indicator Status	Off
Passenger Air Bag OFF Indicator Status	On
Low Tire Pressure Warning Lamp Status 0.5 Seconds Prior to Time Zero	Off
Frontal Air Bag Warning Lamp (SIR Warning Lamp Status 0.5 Seconds Prior to Time Zero)	Off
SIR Warning Lamp ON/OFF Time Continuously (seconds)	655330
Number of Ignition Cycles SIR Warning Lamp was ON/OFF Continuously	692
Ignition Cycles Since DTCs Were Last Cleared 0.5 Seconds Prior to Time Zero	253
Maximum Delta-V, Longitudinal (Maximum Longitudinal SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	-6 [-9]
Time, Maximum Delta-V (Time From FSR Time Zero to Maximum Longitudinal SDM Recorded Vehicle Velocity Change)(msec)	162
Maximum Delta-V, Lateral (Maximum Lateral SDM Recorded Vehicle Velocity Change for FSR Event) MPH [km/h]	0 [0]
Time Maximum Delta-V, Lateral (Time From FSR Time Zero to Maximum Lateral SDM Recorded Vehicle Velocity Change)(msec)	162
High Voltage Disable Notification Sent	No
Deployment Commanded in Energy Reserve Mode	No

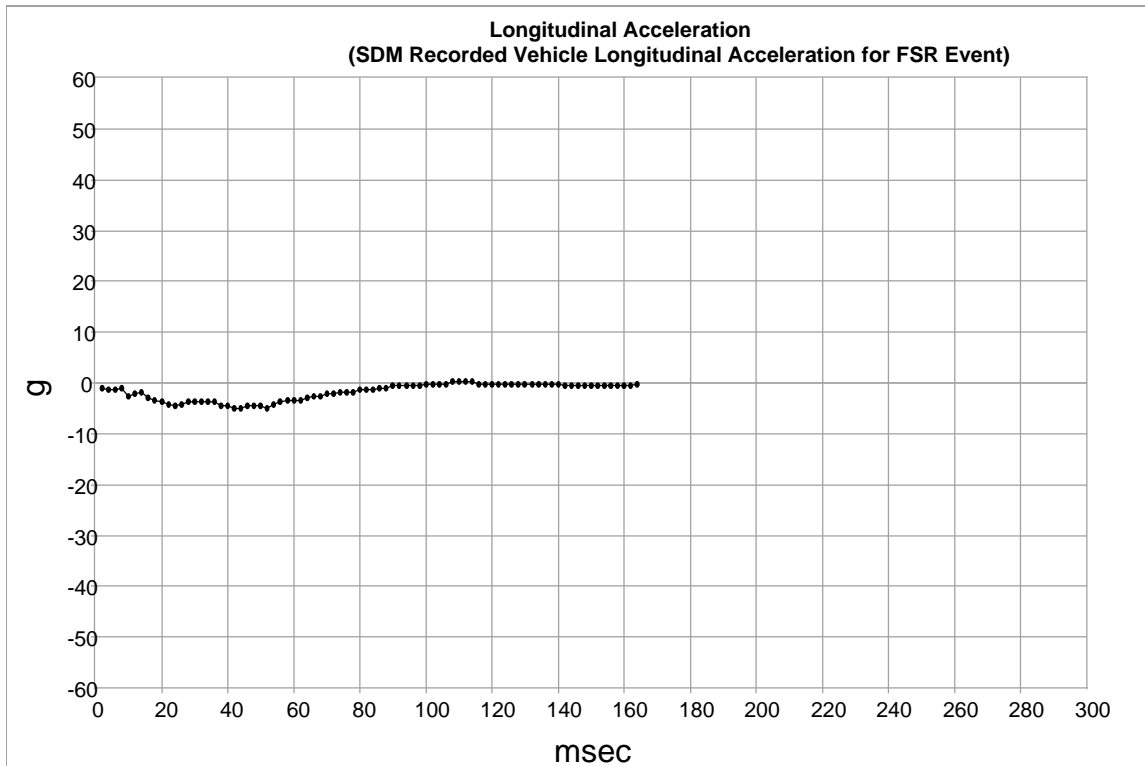
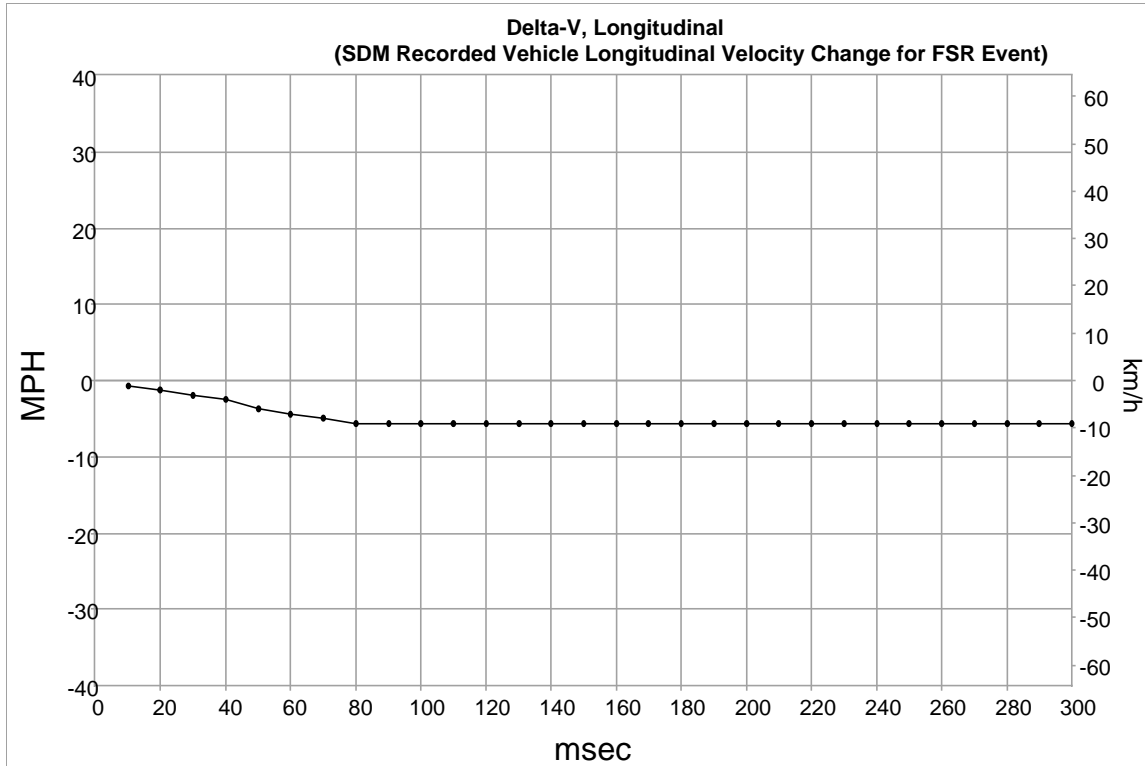
DTCs Present at Time of Event (Event Record 1)

No Diagnostic Trouble Codes

Event Data (Event Record 1)

Driver 1st Stage Deployment Loop Commanded	No
Passenger 1st Stage Deployment Loop Commanded	No
Driver 2nd Stage Deployment Loop Commanded	No
Passenger 2nd Stage Deployment Loop Commanded	No
Driver Pretensioner Deployment Loop #1 Commanded	No
Passenger Pretensioner Deployment Loop #1 Commanded	No
Driver Pretensioner Deployment Loop #2 Commanded	No
Passenger Pretensioner Deployment Loop #2 Commanded	No
Driver Thorax Loop Commanded	No
Passenger Thorax Loop Commanded	No
Left Row 1 Roof Rail/Head Curtain Loop Commanded	No
Right Row 1 Roof Rail/Head Curtain Loop Commanded	No
Driver Center Inboard Loop Commanded	No
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Driver (Driver 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (Driver 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 1st Stage Deployment, Right Front Passenger (Passenger 1st Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (Passenger 2nd Stage Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, driver (Driver Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Side air bag deployment, time to deploy, right front passenger (Passenger Thorax/Curtain Time From Time Zero to Deployment Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Driver (Driver Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	Data Not Available
Pretensioner Deployment, Time to Fire, Right Front Passenger (Passenger Pretensioner Time From Time Zero to Deployment Loop #1 or Loop #2 Command Criteria Met) (msec)	Data Not Available

Longitudinal Crash Pulse (Event Record 1)



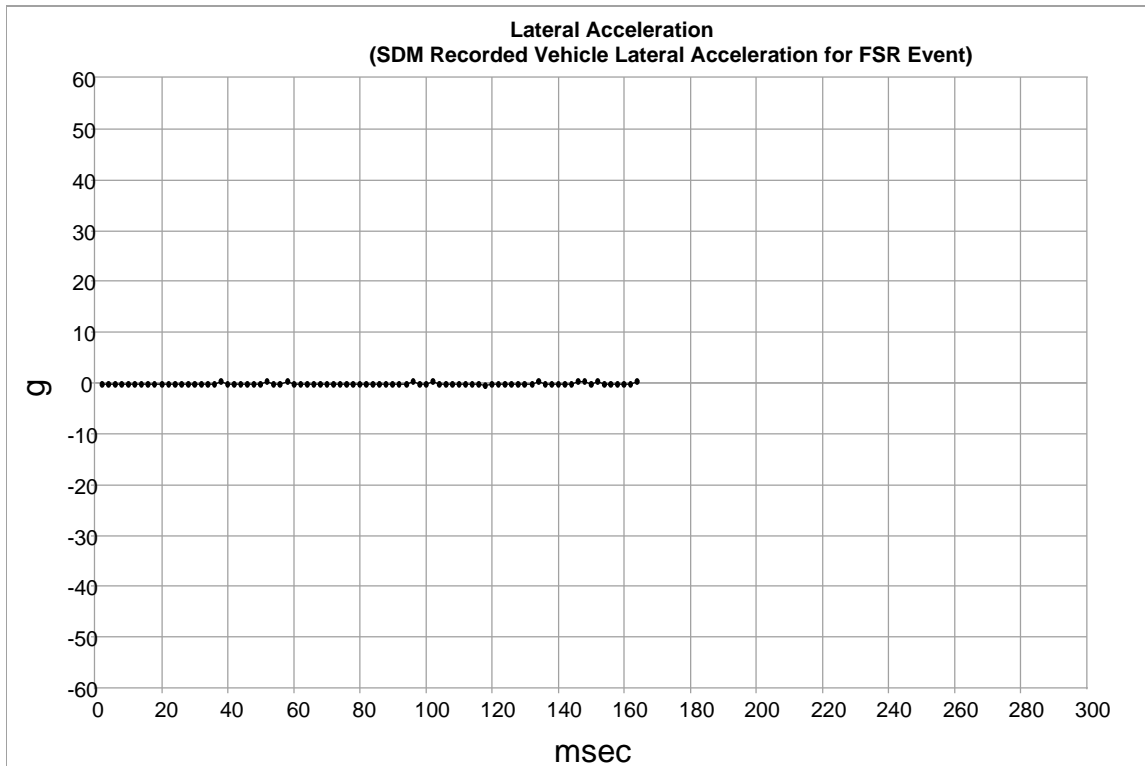
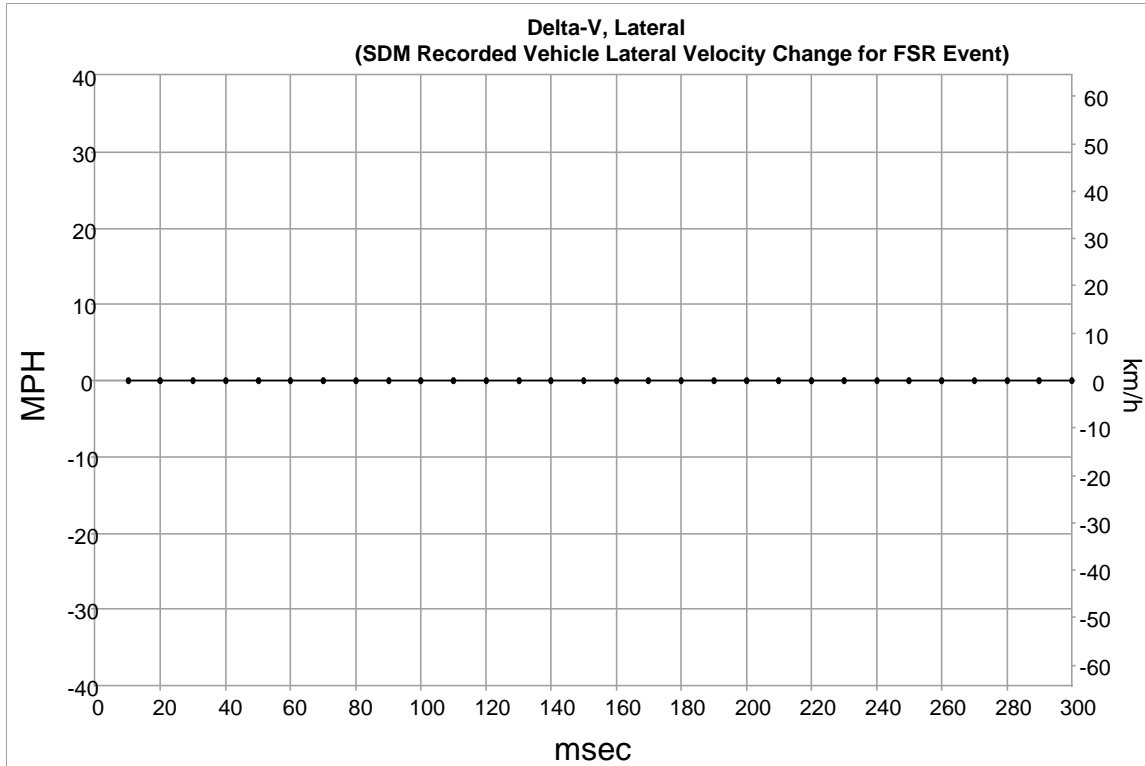
Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (MPH)	Delta-V, Longitudinal (SDM Recorded Vehicle Longitudinal Velocity Change for FSR Event) (km/h)
10	-0.6	-1.0
20	-1.2	-2.0
30	-1.9	-3.0
40	-2.5	-4.0
50	-3.7	-6.0
60	-4.3	-7.0
70	-5.0	-8.0
80	-5.6	-9.0
90	-5.6	-9.0
100	-5.6	-9.0
110	-5.6	-9.0
120	-5.6	-9.0
130	-5.6	-9.0
140	-5.6	-9.0
150	-5.6	-9.0
160	-5.6	-9.0
170	-5.6	-9.0
180	-5.6	-9.0
190	-5.6	-9.0
200	-5.6	-9.0
210	-5.6	-9.0
220	-5.6	-9.0
230	-5.6	-9.0
240	-5.6	-9.0
250	-5.6	-9.0
260	-5.6	-9.0
270	-5.6	-9.0
280	-5.6	-9.0
290	-5.6	-9.0
300	-5.6	-9.0

Longitudinal Crash Pulse (Event Record 1)

Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)	Time (msec)	Longitudinal Acceleration (SDM Recorded Vehicle Longitudinal Acceleration for FSR Event) (g)
2	-1.0	102	-0.2	202	Data Not Available
4	-1.4	104	-0.2	204	Data Not Available
6	-1.4	106	-0.2	206	Data Not Available
8	-1.0	108	0.2	208	Data Not Available
10	-2.6	110	0.2	210	Data Not Available
12	-2.2	112	0.2	212	Data Not Available
14	-1.8	114	0.2	214	Data Not Available
16	-3.0	116	-0.2	216	Data Not Available
18	-3.4	118	-0.2	218	Data Not Available
20	-3.8	120	-0.2	220	Data Not Available
22	-4.2	122	-0.2	222	Data Not Available
24	-4.6	124	-0.2	224	Data Not Available
26	-4.2	126	-0.2	226	Data Not Available
28	-3.8	128	-0.2	228	Data Not Available
30	-3.8	130	-0.2	230	Data Not Available
32	-3.8	132	-0.2	232	Data Not Available
34	-3.8	134	-0.2	234	Data Not Available
36	-3.8	136	-0.2	236	Data Not Available
38	-4.6	138	-0.2	238	Data Not Available
40	-4.6	140	-0.2	240	Data Not Available
42	-5.0	142	-0.6	242	Data Not Available
44	-5.0	144	-0.6	244	Data Not Available
46	-4.6	146	-0.6	246	Data Not Available
48	-4.6	148	-0.6	248	Data Not Available
50	-4.6	150	-0.6	250	Data Not Available
52	-5.0	152	-0.6	252	Data Not Available
54	-4.2	154	-0.6	254	Data Not Available
56	-3.8	156	-0.6	256	Data Not Available
58	-3.4	158	-0.6	258	Data Not Available
60	-3.4	160	-0.6	260	Data Not Available
62	-3.4	162	-0.6	262	Data Not Available
64	-3.0	164	-0.2	264	Data Not Available
66	-2.6	166	Data Not Available	266	Data Not Available
68	-2.6	168	Data Not Available	268	Data Not Available
70	-2.2	170	Data Not Available	270	Data Not Available
72	-2.2	172	Data Not Available	272	Data Not Available
74	-1.8	174	Data Not Available	274	Data Not Available
76	-1.8	176	Data Not Available	276	Data Not Available
78	-1.8	178	Data Not Available	278	Data Not Available
80	-1.4	180	Data Not Available	280	Data Not Available
82	-1.4	182	Data Not Available	282	Data Not Available
84	-1.4	184	Data Not Available	284	Data Not Available
86	-1.0	186	Data Not Available	286	Data Not Available
88	-1.0	188	Data Not Available	288	Data Not Available
90	-0.6	190	Data Not Available	290	Data Not Available
92	-0.6	192	Data Not Available	292	Data Not Available
94	-0.6	194	Data Not Available	294	Data Not Available
96	-0.6	196	Data Not Available	296	Data Not Available
98	-0.6	198	Data Not Available	298	Data Not Available
100	-0.2	200	Data Not Available	300	Data Not Available

Lateral Crash Pulse (Event Record 1)



Lateral Crash Pulse (Event Record 1)

Time (msec)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (MPH)	Delta-V, Lateral (SDM Recorded Vehicle Lateral Velocity Change for FSR Event) (km/h)
10	0.0	0.0
20	0.0	0.0
30	0.0	0.0
40	0.0	0.0
50	0.0	0.0
60	0.0	0.0
70	0.0	0.0
80	0.0	0.0
90	0.0	0.0
100	0.0	0.0
110	0.0	0.0
120	0.0	0.0
130	0.0	0.0
140	0.0	0.0
150	0.0	0.0
160	0.0	0.0
170	0.0	0.0
180	0.0	0.0
190	0.0	0.0
200	0.0	0.0
210	0.0	0.0
220	0.0	0.0
230	0.0	0.0
240	0.0	0.0
250	0.0	0.0
260	0.0	0.0
270	0.0	0.0
280	0.0	0.0
290	0.0	0.0
300	0.0	0.0

Lateral Crash Pulse (Event Record 1)

Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)	Time (msec)	Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for FSR Event) (g)
2	-0.2	102	0.2	202	Data Not Available
4	-0.2	104	-0.2	204	Data Not Available
6	-0.2	106	-0.2	206	Data Not Available
8	-0.2	108	-0.2	208	Data Not Available
10	-0.2	110	-0.2	210	Data Not Available
12	-0.2	112	-0.2	212	Data Not Available
14	-0.2	114	-0.2	214	Data Not Available
16	-0.2	116	-0.2	216	Data Not Available
18	-0.2	118	-0.6	218	Data Not Available
20	-0.2	120	-0.2	220	Data Not Available
22	-0.2	122	-0.2	222	Data Not Available
24	-0.2	124	-0.2	224	Data Not Available
26	-0.2	126	-0.2	226	Data Not Available
28	-0.2	128	-0.2	228	Data Not Available
30	-0.2	130	-0.2	230	Data Not Available
32	-0.2	132	-0.2	232	Data Not Available
34	-0.2	134	0.2	234	Data Not Available
36	-0.2	136	-0.2	236	Data Not Available
38	0.2	138	-0.2	238	Data Not Available
40	-0.2	140	-0.2	240	Data Not Available
42	-0.2	142	-0.2	242	Data Not Available
44	-0.2	144	-0.2	244	Data Not Available
46	-0.2	146	0.2	246	Data Not Available
48	-0.2	148	0.2	248	Data Not Available
50	-0.2	150	-0.2	250	Data Not Available
52	0.2	152	0.2	252	Data Not Available
54	-0.2	154	-0.2	254	Data Not Available
56	-0.2	156	-0.2	256	Data Not Available
58	0.2	158	-0.2	258	Data Not Available
60	-0.2	160	-0.2	260	Data Not Available
62	-0.2	162	-0.2	262	Data Not Available
64	-0.2	164	0.2	264	Data Not Available
66	-0.2	166	Data Not Available	266	Data Not Available
68	-0.2	168	Data Not Available	268	Data Not Available
70	-0.2	170	Data Not Available	270	Data Not Available
72	-0.2	172	Data Not Available	272	Data Not Available
74	-0.2	174	Data Not Available	274	Data Not Available
76	-0.2	176	Data Not Available	276	Data Not Available
78	-0.2	178	Data Not Available	278	Data Not Available
80	-0.2	180	Data Not Available	280	Data Not Available
82	-0.2	182	Data Not Available	282	Data Not Available
84	-0.2	184	Data Not Available	284	Data Not Available
86	-0.2	186	Data Not Available	286	Data Not Available
88	-0.2	188	Data Not Available	288	Data Not Available
90	-0.2	190	Data Not Available	290	Data Not Available
92	-0.2	192	Data Not Available	292	Data Not Available
94	-0.2	194	Data Not Available	294	Data Not Available
96	0.2	196	Data Not Available	296	Data Not Available
98	-0.2	198	Data Not Available	298	Data Not Available
100	-0.2	200	Data Not Available	300	Data Not Available

**Rollover Crash Pulse (Event Record 1)
SDM Recorded Vehicle Roll Rate**

Contains No Recorded Data

**Rollover Crash Pulse (Event Record 1)
Lateral Acceleration (SDM Recorded Vehicle Lateral Acceleration for Rollover
Event)**

Contains No Recorded Data

**Vertical Crash Pulse (Event Record 1)
Normal Acceleration (SDM Recorded Vehicle Vertical Acceleration for Rollover
Event)**

Contains No Recorded Data

Pre-Crash Data -5.0 to -0.5 sec (Event Record 1)

Times (sec)	Accelerator Pedal, % Full (Accelerator Pedal Position)	Service Brake (Brake Switch Circuit State)	Engine RPM (Engine Speed)	Engine Throttle, % Full (Throttle Position)	Speed, Vehicle Indicated (Vehicle Speed) (MPH [km/h])
-5.0	0	On	768	4	9 [14]
-4.5	0	Off	640	5	8 [13]
-4.0	3	Off	704	5	8 [13]
-3.5	11	Off	1088	19	8 [13]
-3.0	12	Off	1408	21	9 [14]
-2.5	19	Off	1600	25	10 [16]
-2.0	25	Off	1792	30	11 [18]
-1.5	0	Off	2048	34	12 [20]
-1.0	0	On	1600	11	11 [17]
-0.5	0	On	1408	11	9 [15]

Pre-Crash Data -2.0 to -0.5 sec (Event Record 1)

Times (sec)	Cruise Control Active	Cruise Control Resume Switch Active	Cruise Control Set Switch Active	Engine Torque (lb-ft [N-m])	Reduced Engine Power Mode Indicator
-2.0	No	No	No	81 [110]	Off
-1.5	No	No	No	123 [167]	Off
-1.0	No	No	No	135 [183]	Off
-0.5	No	No	No	20 [28]	Off

Hexadecimal Data

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DPID \$15
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DPID \$16
08 09 0A 0D 0E 27 27

DPID \$17
22 27 27 27 27 27 00

DPID \$32
FA FF 24 4F 00 00 00

DPID \$35
78 00 00 00 00 00 00

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

DID \$03
41 54 38 36 37 37 44 50 36 37 31 34 39 39 35 31

DID \$05
41 48 38 36 37 36 44 41 44 42 33 32 37 33 30 33

DID \$07
41 4A 38 36 37 36 44 41 31 46 32 35 37 33 30 33

DID \$09
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DID \$0B
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DID \$0D
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DID \$0F
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DID \$30
00 00 01 00

DID \$90
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DID \$9A
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DID \$B4
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0070 05 05 04 0F 11 14 12 10 0E 0D
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DID §32

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Global Diagnostic System 2

Freeze Frame/Failure Records

Overview

Vehicle Identification Number (VIN) 1GNSKBKC3FR [REDACTED]
 Report Creation Date 2017-10-25 12:24:46 EDT

Vehicle Configuration Property

Make Chevrolet
 Model Tahoe
 Model Year 2015
 Suspension Control Module Version Not Equipped
 Chassis Control Module Version Trailer Brake Control and Automatic Level Control
 Target Implementation Date MY 2015 (WMF)
 Telematics Communication Interface Control Module Version 9.6
 Seat Memory Control Module Version 0505
 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 2017-10-25 11:39:43
 Test Start Time 2017-10-25 12:23:53 EDT

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
Freeze Frame	C0299	00	Brake Booster Large Vacuum Leak Detected	- - -
Parameter Name			Control Module	Value Unit

Ignition Cycles Since Last DTC	Electronic Brake Control Module	109	Counts
Number of Times DTC has Occurred Since DTCs Cleared	Electronic Brake Control Module	3	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	0	°
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

Vehicle DTC Information

Overview

Vehicle Identification Number (VIN) 1GNSKBKC3FR [REDACTED]
 Report Creation Date 2017-10-25 11:40:36 EDT

Vehicle Configuration Property

Make Chevrolet
 Model Tahoe
 Model Year 2015
 Suspension Control Module Version Not Equipped
 Chassis Control Module Version Trailer Brake Control and Automatic Level Control
 Target Implementation Date MY 2015 (WMF)
 Telematics Communication Interface Control Module Version 9.6
 Seat Memory Control Module Version 0505
 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 2017-10-25 11:36:40
 Test Start Time 2017-10-25 11:39:43 EDT

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

Transmission Control Module	No DTCs Stored	0	6,14
Transfer Case Control Module	No DTCs Stored	0	6,14
Drive Motor Control Module 1	No Communication	0	6,14
Drive Motor Control Module 2	No Communication	0	6,14
Auxiliary Transmission Fluid Pump	No Communication	0	6,14
Electronic Brake Control Module	DTCs Stored	1	6,14
Distance Sensing Cruise Control Module	No Communication	0	6,14
Parking Brake Control Module	No Communication	0	6,14
Multi-Axis Acceleration Sensor Module	No Communication	0	12,13
Power Steering Control Module	No DTCs Stored	0	6,14
Steering Wheel Angle Sensor Module	No DTCs Stored	0	12,13
Body Control Module	No DTCs Stored	0	6,14
Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1
Passenger Presence Module	No DTCs Stored	0	1
Instrument Cluster	No DTCs Stored	0	1
Radio Controls	No DTCs Stored	0	1
HVAC Controls	No DTCs Stored	0	1
Radio	DTCs Stored	1	1
Amplifier	No DTCs Stored	0	1
Media Disc Player	No DTCs Stored	0	1
Human Machine Interface Control Module	DTCs Stored	1	6,14
Telematics Communication Interface Control Module	No DTCs Stored	0	1
HVAC Control Module	No DTCs Stored	0	1
Liftgate Control Module	No DTCs Stored	0	1
Seat Memory Control Module - Driver	No DTCs Stored	0	1
Keyless Entry Control Module	No Communication	0	1
Assist Step Control Module	No Communication	0	1
Left Side Object Detection Control Module	No Communication	0	1
Parking Assist Control Module	No DTCs Stored	0	1
Frontview Camera Module	No DTCs Stored	0	1
Steering Column Lock Control Module	No Communication	0	1
Battery Energy Control Module	No Communication	0	6,14

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 History

Radio	U0198	00	Lost Communication with Telematic Control Module	- - -	DTC History Status	
					History	
					DTC Current Status	Not Current
					DTC History Status	History
					History	
					This Ignition Cycle	Not Run
Electronic Brake Control Module	C0299	00	Brake Booster Large Vacuum Leak Detected	- - -	DTC Current Status	Not Current
					DTC History Status	History
					MIL Status	Not Requested



Global Diagnostic System 2

Read Vehicle Wide DTC and ID Information

Overview

Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Report Creation Date	2017-10-25 11:41:55 EDT

Vehicle Configuration Property

Make	Chevrolet
Model	Tahoe
Model Year	2015
Suspension Control Module Version	Not Equipped
Chassis Control Module Version	Trailer Brake Control and Automatic Level Control
Target Implementation Date	MY 2015 (WMF)
Telematics Communication Interface Control Module Version	9.6
Seat Memory Control Module Version	0505
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	2017-10-25 11:39:43
Test Start Time	2017-10-25 11:41:47 EDT

Engine Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
End Model Part Number	12663437

Base Model Part Number	12617943
Software Module 1 Identifier	12663436
Software Module 2 Identifier	12661495
Software Module 3 Identifier	12661787
Software Module 4 Identifier	12658944
Software Module 5 Identifier	12661474
Software Module 6 Identifier	12658856
Software Module 7 Identifier	12625016
Software Module 8 Identifier	12658863

No DTCs Stored**Chassis Control Module****Identification Information****Value**

Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Subscriber ID	PCARSTN#41
Date Programmed	20140908
Diagnostic Data Identifier	0403
Base Model Part Number	23250654
End Model Part Number	23250652
Software Module 1 Identifier	23132389
Software Module 2 Identifier	22936493
Software Module 3 Identifier	23447471
Software Module 4 Identifier	23447473
Software Module 5 Identifier	22921564
System Code	04

No DTCs Stored**Hybrid Powertrain Control Module****Identification Information****Value**

Vehicle Identification Number (VIN)	
End Model Part Number	
Base Model Part Number	
Software Module 1 Identifier	
Software Module 2 Identifier	
Software Module 3 Identifier	
Software Module 4 Identifier	

No DTCs Stored

Transmission Control Module**Identification Information**

	Value
Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Date Programmed	20140908
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	24272165
Software Module 2 Identifier Alpha Code	AB
Software Module 3 Identifier	24272168
Software Module 3 Identifier Alpha Code	AB
Software Module 4 Identifier	24272169
Software Module 4 Identifier Alpha Code	AB
System Code	0

No DTCs Stored**Transfer Case Control Module****Identification Information**

	Value
Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Diagnostic Data Identifier	0306
Software Part Number	23285502
Calibration Part Number	23285503
End Model Part Number	23235587
Base Model Part Number	24256989
Hardware Version	A1ÿÿÿ

No DTCs Stored**Drive Motor Control Module 1****Identification Information**

	Value
Vehicle Identification Number (VIN)	
End Model Part Number	
Base Model Part Number	
Software Module 1 Identifier	
Software Module 2 Identifier	
Software Module 3 Identifier	

No DTCs Stored**Drive Motor Control Module 2****Identification Information****Value**

Vehicle Identification Number (VIN)
 End Model Part Number
 Base Model Part Number
 Software Module 1 Identifier
 Software Module 2 Identifier
 Software Module 3 Identifier

No DTCs Stored**Auxiliary Transmission Fluid Pump****Identification Information****Value**

Vehicle Identification Number (VIN)
 End Model Part Number
 Base Model Part Number
 Software Module 1 Identifier
 Software Module 2 Identifier
 Software Module 3 Identifier

No DTCs Stored**Electronic Brake Control Module****Identification Information****Value**

Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Subscriber ID	PCARSTN#41
Date Programmed	Monday, September 8, 2014
Diagnostic Data Identifier	2B03
XML Configuration Compatibility Identifier	516
XML Data File Part Number	23205151
XML Data File Alpha Code	DA
Previous Subscriber ID	ÿÿÿÿÿÿÿÿÿÿ
2nd Previous Subscriber ID	
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	1114233JVE8L01JX
Module Diagnostic Address	28
End Model Part Number	23426045
Base Model Part Number	23426047

End Model Part Number Alpha Code	AA
Base Model Part Number Alpha Code	AA
Boot Software Part Number	23115283
Software Part Number Alpha Code	CA
Software Module 1 Identifier	23426042
Software Module 1 Identifier Alpha Code	DA
Software Module 2 Identifier	23426044
Software Module 2 Identifier Alpha Code	DA
Software Module 3 Identifier	23205138
Software Module 3 Identifier Alpha Code	DA
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

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status
				History
				This Ignition Cycle
				Not Run
				DTC Current Status
C0299	00	Brake Booster Large Vacuum Leak Detected	- - -	Not Current
				DTC History Status
				History
				MIL Status
				Not Requested

Distance Sensing Cruise Control Module

Identification Information

Value

Vehicle Identification Number (VIN)
 Subscriber ID
 Diagnostic Data Identifier
 XML Configuration Compatibility Identifier
 XML Data File Part Number
 Manufacturer Enable Counter
 Module Diagnostic Address
 Manufacturer's Traceability Number
 Software Module 1 Identifier
 Software Module 2 Identifier
 Software Module 3 Identifier
 End Model Part Number
 Base Model Part Number
 GMLAN Identification Data - Bus 1 Type
 GMLAN Identification Data - GMLAN Kernel 1 Version
 GMLAN Identification Data - Data Dictionary 1 Version
 GMLAN Identification Data - Bus 2 Type
 GMLAN Identification Data - GMLAN Kernel 2 Version
 GMLAN Identification Data - Data Dictionary 2 Version

No DTCs Stored

Parking Brake Control Module

Identification Information

Value

End Model Part Number
 Base Model Part Number
 Manufacturer's Traceability Number
 Software Part Number
 Calibration Part Number

No DTCs Stored

Multi-Axis Acceleration Sensor Module

Identification Information

Value

Diagnostic Data Identifier
 XML Configuration Compatibility Identifier
 XML Data File Part Number
 XML Data File Alpha Code

Manufacturer's Traceability Number
 Module Diagnostic Address
 End Model Part Number
 Base Model Part Number
 End Model Part Number Alpha Code
 Base Model Part Number Alpha Code
 Boot Software Part Number
 Software Module 1 Identifier
 Software Module 1 Identifier Alpha Code
 GMLAN Identification Data - Bus 1 Type
 GMLAN Identification Data - GMLAN Kernel 1 Version
 GMLAN Identification Data - Data Dictionary 1 Version
 System Code

No DTCs Stored

Power Steering Control Module

Identification Information	Value
System Identification	NEXTR0300
System Name or Engine Type	RACK-EPS
Subscriber ID	0000000000
Date Programmed	Monday, September 8, 2014
Diagnostic Data Identifier	901
Manufacturer Enable Counter	0
Module Diagnostic Address	31
Manufacturer's Traceability Number	B114246042433752
Software Module 1 Identifier	23433183
Software Module 2 Identifier	23214062
End Model Part Number	23467710
Base Model Part Number	23136120
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	23467711

No DTCs Stored

Steering Wheel Angle Sensor Module

Identification Information	Value
Diagnostic Data Identifier	501

Manufacturer's Traceability Number	1314212421201020
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**Body Control Module**

Identification Information	Value
End Model Part Number	13595966
Boot Software Part Number	13586286
Manufacturer Enable Counter	0
Calibration Part Number 1	13595969
Calibration Part Number 2	23482972
Calibration Part Number 3	23487450
Calibration Part Number 4	23178504
Calibration Part Number 5	23484365
Calibration Part Number 6	23487494
Calibration Part Number 7	23426021
Calibration Part Number 8	23425976
Calibration Part Number 9	23178711
Calibration Part Number 10	23487465
Calibration Part Number 11	23218889
Calibration Part Number 12	23178566
Calibration Part Number 13	13338869
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	23178550
Diagnostic Data Identifier	401
Module Diagnostic Address	40
Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Odometer	75692

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

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
End Model Part Number	13594413
Base Model Part Number	13590221
Manufacturer's Traceability Number	K3142403909QU500
Inflatable Restraint Sensing and Diagnostic Module Primary Key	6783
Software Part Number	13518038
Calibration Part Number 1	23426783
Calibration Part Number 2	23207234
Diagnostic Data Identifier	0B11
Software Module 1 Identifier	0
Software Module 2 Identifier	1
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	BR3680S211409KLK
Software Part Number	23133762
Calibration Part Number 1	23133683

No DTCs Stored**Instrument Cluster**

Identification Information	Value
Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Odometer	75692
Subscriber ID	PCARSTN#41
Previous Subscriber ID	ÿÿÿÿÿÿÿÿÿÿ
2nd Previous Subscriber ID	
Date Programmed	Monday, September 8, 2014
Diagnostic Data Identifier	0569
XML Configuration Compatibility Identifier	13

XML Data File Part Number	23498636
XML Data File Alpha Code	AW
Manufacturer Enable Counter	0
Module Diagnostic Address	60
End Model Part Number	23250223
Base Model Part Number	22754627
Software Module 1 Identifier	23223555
Software Module 2 Identifier	
Software Module 3 Identifier	
Software Module 4 Identifier	
Software Module 5 Identifier	23164779
Software Module 6 Identifier	23179946
Software Module 7 Identifier	22877868
Software Module 8 Identifier	23179947
Software Module 9 Identifier	22877878
Software Module 10 Identifier	22877880
Software Module 12 Identifier	23456332
Software Module 13 Identifier	23424053
Software Module 14 Identifier	23101028
Software Module 15 Identifier	28397719
Software Module 16 Identifier	0
GMLAN Identification Data - Bus 1 Type	Low Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	300
GMLAN Identification Data - Data Dictionary 1 Version	60402
System Code	05
Calibration Part Number 12	
Manufacturer's Traceability Number	1914246AGW869H50
Steering Wheel Control Switches Part Number	503341313
Head-Up Display Part Number	0

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	23235636
Base Model Part Number	23235636

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	23449657
Base Model Part Number	23449657

No DTCs Stored**Radio**

Identification Information	Value
End Model Part Number	13592804
Boot Software Part Number	287454020
Software Module 1 Identifier	13592802
Software Module 2 Identifier	13590757
Software Module 3 Identifier	23453629
Software Module 4 Identifier	23447345
Software Module 5 Identifier	23146921
Software Module 6 Identifier	23163210
Software Module 7 Identifier	23146908
Software Module 8 Identifier	22908399
Software Module 9 Identifier	22908412
Software Module 10 Identifier	22908401
Software Module 11 Identifier	23146905
Digital Radio Receiver ID	QJPAC30M
DVD Region Code	
DVD Region Code Changes Remaining	
Manufacturer Enable Counter	0
VIN Digits 2-17	GNSKBKC3FR [REDACTED]
Diagnostic Data Identifier	203
Manufacturer's Traceability Number	892804ENL8095800

DTC Display	Symptom Byte	DTC Description	Symptom Description	Status
U0198	00	Lost Communication with Telematic Control Module	- - -	History

DTC Current Status	Not Current
DTC History Status	History

Amplifier

Identification Information

	Value
Calibration Part Number 1	23184023
Calibration Part Number 10	23197716
End Model Part Number	23183708
Diagnostic Data Identifier	0

No DTCs Stored

Media Disc Player

Identification Information

	Value
Calibration Part Number 1	23487130
Calibration Part Number 2	22865488
End Model Part Number	23487129
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	23443747
Boot Software Part Number	23443768
Calibration Part Number 1	23443768
Calibration Part Number 2	22965180
Calibration Part Number 3	23473515
Calibration Part Number 4	23484070
Calibration Part Number 5	23140149
Calibration Part Number 6	23140124
Calibration Part Number 7	22932956
Calibration Part Number 8	23140134
Calibration Part Number 9	23140139
Calibration Part Number 10	22965246

Calibration Part Number 11 23431347
 Calibration Part Number 12 23480133
 Calibration Part Number 13 0
 Calibration Part Number 14 23443775
 Calibration Part Number 15 23443783
 Calibration Part Number 16 0
 Calibration Part Number 17 10000002
 Calibration Part Number 18 14003049
 Calibration Part Number 19 14003041
 Control Module Production Date 19.08.2014
 Software Freeze Date 17.12.2013
 VIN Digits 2-17 GNSKBK3FR [REDACTED]
 Diagnostic Data Identifier 8F01
 Manufacturer Enable Counter 0
 Hardware Version PP 1.00

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
Call Mode	CDMA A Band
Current Transceiver Identifier	21
End Model Part Number	23464875
Firmware Over-the-Air Version	4608
GSM Network Code	0
GSM Station Identifier	0
Manufacturer	[REDACTED]
Manufacturer's Traceability Number	[REDACTED]
Mobile Directory Number	[REDACTED]
Mobile Identification Number	[REDACTED]
Mobile Equipment Identifier	[REDACTED]
Module Generation Identifier	9
Network Access Identifier	M:5863598149@vzw3g.com
Network Access Identifier Password	vzw

Off-Board Navigation	Enabled
OnStar Customer Identifier	69935685
Option Configuration	On
Preferred Roaming List Outdated Status	No
Preferred Roaming List Update Command	Inactive
Preferred Roaming List Version Number	51724
Remote Vehicle Speed Limiting	Active
Software Module 1 Identifier	344E39
Software Module 1 Identifier Alpha Code	4N9
Utility File Part Number	22790659

No DTCs Stored**HVAC Control Module****Identification Information**

	Value
Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Date Programmed	Monday, September 8, 2014
Diagnostic Data Identifier	51C
End Model Part Number	13593248
Base Model Part Number	13593248
Software Module 1 Identifier	13593245
Software Module 2 Identifier	23470106
Software Module 3 Identifier	23453780

No DTCs Stored**Liftgate Control Module****Identification Information**

	Value
Diagnostic Data Identifier	0201
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	1114181K20000055
Module Diagnostic Address	A4
End Model Part Number	23437270
Base Model Part Number	23437272
End Model Part Number Alpha Code	A1
Base Model Part Number Alpha Code	A1
Software Module 1 Identifier	23437273
Software Module 1 Identifier Alpha Code	AB
Software Module 2 Identifier	23281861
Software Module 2 Identifier Alpha Code	AB
Software Module 3 Identifier	22976416

Software Module 3 Identifier Alpha Code	AC
Software Module 4 Identifier	22935192
Software Module 4 Identifier Alpha Code	AD
System Code	02

No DTCs Stored**Seat Memory Control Module - Driver**

Identification Information	Value
Diagnostic Data Identifier	0505
Module Diagnostic Address	A8
End Model Part Number	23135935
End Model Part Number Alpha Code	KC
Base Model Part Number	23135935
Base Model Part Number Alpha Code	KC
Software Part Number	23157900
Software Part Number Alpha Code	KD
Software Module 2 Identifier	23234607
Software Module 2 Identifier Alpha Code	AE
Subscriber ID	

No DTCs Stored**Keyless Entry Control Module**

Identification Information	Value
End Model Part Number	
Manufacturer's Traceability Number	
Manufacturer Enable Counter	
Software Part Number	
Calibration Part Number 1	
Calibration Part Number 2	
Subscriber ID	
Date Programmed	
Vehicle Identification Number (VIN)	
Diagnostic Data Identifier	

No DTCs Stored**Assist Step Control Module**

Identification Information	Value
Manufacturer's Traceability Number	

Software Part Number
 Calibration Part Number
 End Model Part Number
 Base Model Part Number
 Vehicle Identification Number (VIN)

No DTCs Stored

Left Side Object Detection Control Module

Identification Information

Value

Manufacturer's Traceability Number
 Manufacturer Enable Counter
 Module Diagnostic Address
 Software Module 1 Identifier
 Software Module 2 Identifier
 End Model Part Number
 Base Model Part Number
 Software Module 1 Identifier Alpha Code
 Software Module 2 Identifier Alpha Code
 End Model Part Number Alpha Code
 Base Model Part Number Alpha Code
 Vehicle Identification Number (VIN)

No DTCs Stored

Parking Assist Control Module

Identification Information

Value

Vehicle Identification Number (VIN)	1GNSKBKC3FR [REDACTED]
Diagnostic Data Identifier	b01
Subscriber ID	PCARSTN#41
Date Programmed	Monday, September 8, 2014
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	KA78594424400184
Software Part Number	13448072
Calibration Part Number 2	23426287
End Model Part Number	13447859
Base Model Part Number	22955094
Software Module 1 Identifier Alpha Code	AB

Software Module 2 Identifier Alpha Code	AA
End Model Part Number Alpha Code	AB
Base Model Part Number Alpha Code	AA
GMLAN Identification Data - Bus 1 Type	Low Speed CAN Bus
GMLAN Identification Data - Data Dictionary 1 Version	060402
GMLAN Identification Data - GMLAN Kernel 1 Version	911
GMLAN Identification Data - Bus 2 Type	Chassis Expansion CAN Bus
GMLAN Identification Data - GMLAN Kernel 2 Version	911
GMLAN Identification Data - Data Dictionary 2 Version	060402

No DTCs Stored**Frontview Camera Module**

Identification Information	Value
Diagnostic Data Identifier	0301
System Code	03
Manufacturer Enable Counter	0
Module Diagnostic Address	BC
Manufacturer's Traceability Number	1114235BKE8N00IB
Software Module 1 Identifier	23264150
Software Module 2 Identifier	23495144
End Model Part Number	23264148
Base Model Part Number	22781049
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	AH
GMLAN Identification Data - Bus 1 Type	Low Speed CAN Bus
GMLAN Identification Data - Data Dictionary 2 Version	000000
GMLAN Identification Data - GMLAN Kernel 2 Version	0000
GMLAN Identification Data - Data Dictionary 1 Version	060300
GMLAN Identification Data - GMLAN Kernel 1 Version	0300
GMLAN Identification Data - Bus 2 Type	High Speed CAN Bus

No DTCs Stored**Steering Column Lock Control Module**

Identification Information	Value
Vehicle Identification Number (VIN)	
Subscriber ID	

Date Programmed
 Diagnostic Data Identifier
 Manufacturer Enable Counter
 Manufacturer's Traceability Number
 Module Diagnostic Address
 End Model Part Number
 Base Model Part Number
 End Model Part Number Alpha Code
 Base Model Part Number Alpha Code
 Boot Software Part Number
 Software Part Number Alpha Code
 Software Module 1 Identifier
 Software Module 1 Identifier Alpha Code
 Software Module 2 Identifier
 Software Module 2 Identifier Alpha Code
 GMLAN Identification Data - Bus 1 Type
 GMLAN Identification Data - GMLAN Kernel 1 Version
 GMLAN Identification Data - Data Dictionary 1 Version
 System Code

No DTCs Stored

Battery Energy Control Module

Identification Information

Value

Manufacturer's Traceability Number
 End Model Part Number
 Base Model Part Number
 Software Module 1 Identifier
 Software Module 2 Identifier
 Hybrid/EV Battery Pack Identification Number

No DTCs Stored

[REDACTED]

Claimant Interview

10/25/2017

I spoke with Claimant [REDACTED] today just before the inspection on the SV. He said the weather that day was dry, no water on the roadway. Kris informed me that there is no police report. His wife was traveling SB on [REDACTED] north of Hall Rd. between [REDACTED] when she attempted to stop when the brake pedal was hard and the vehicle would not stop in time and struck the vehicle in front of her. I asked him about repairs prior to the DOI and he said about a month prior to the incident, he had the vehicle in for service as the rain sensor was not working. The cause was simply a dirty windshield. Also, the passenger side mirror fuse had blown and was replaced. Approximately 6 weeks prior to that, he had taken in the SV for an SDM recall and the software was reprogrammed.

I asked [REDACTED] why the SV was not taken to the dealer for the brake repairs following the incident but he said the vehicle was out of warranty and preferred to take it to Rey's Auto & Tire Center.

Kris also provided the replaced vacuum brake booster pump from the vehicle. Photos were taken of the exterior of the pump. I asked that he hold onto the booster pump until the investigation is complete just in case EA needs to examine it.

GM 1GNSKBBK03FA

10174

GM

1GNSKBBK03FA

















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Eppendorf









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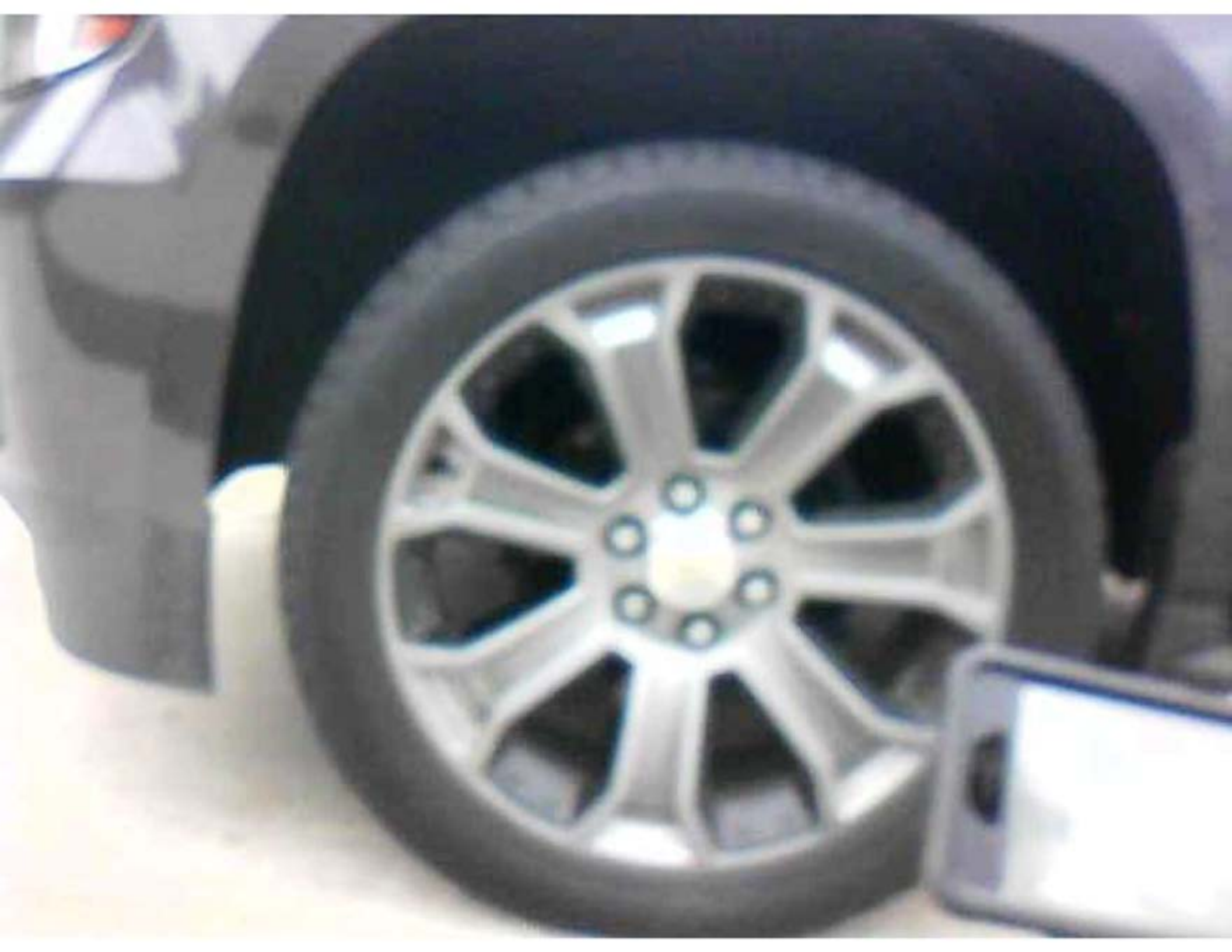
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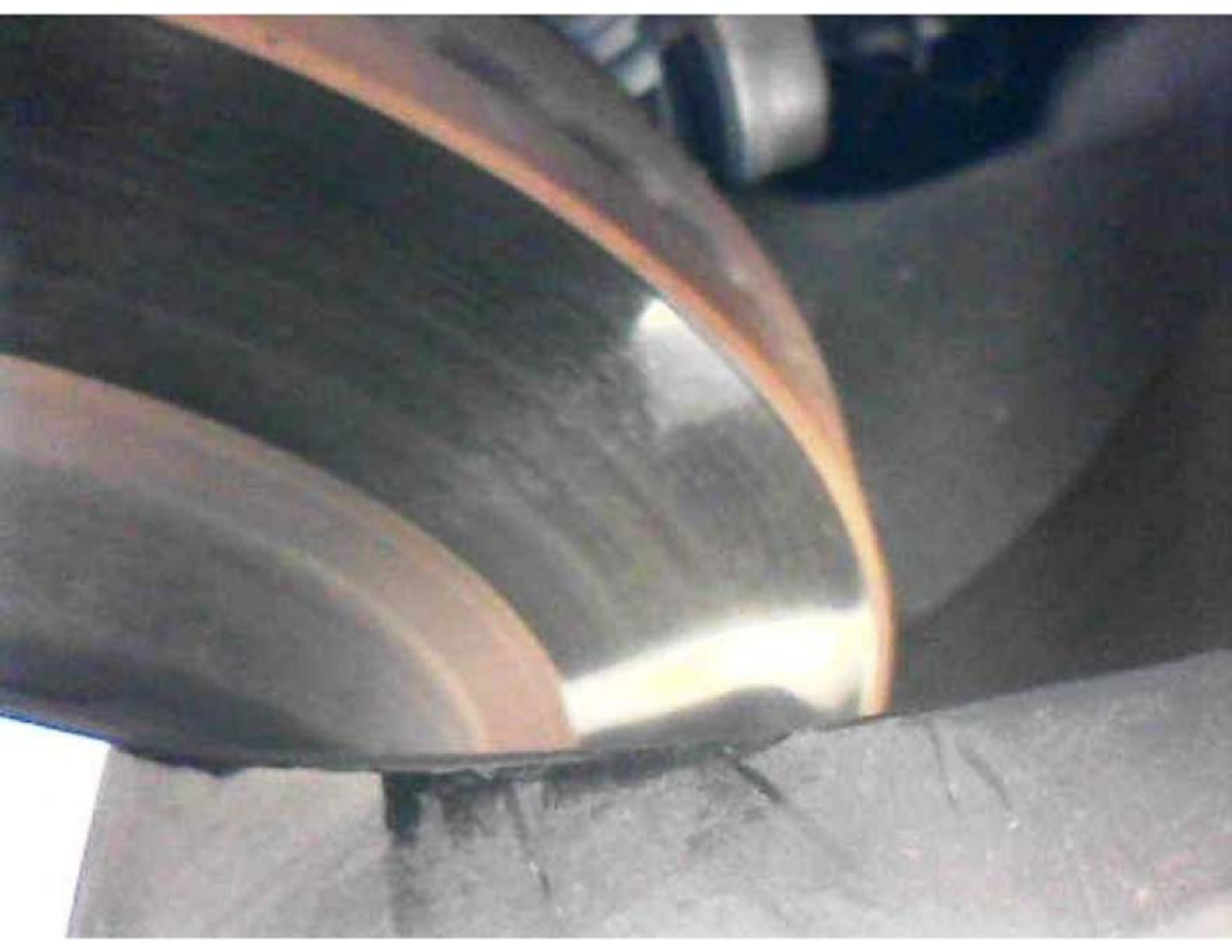




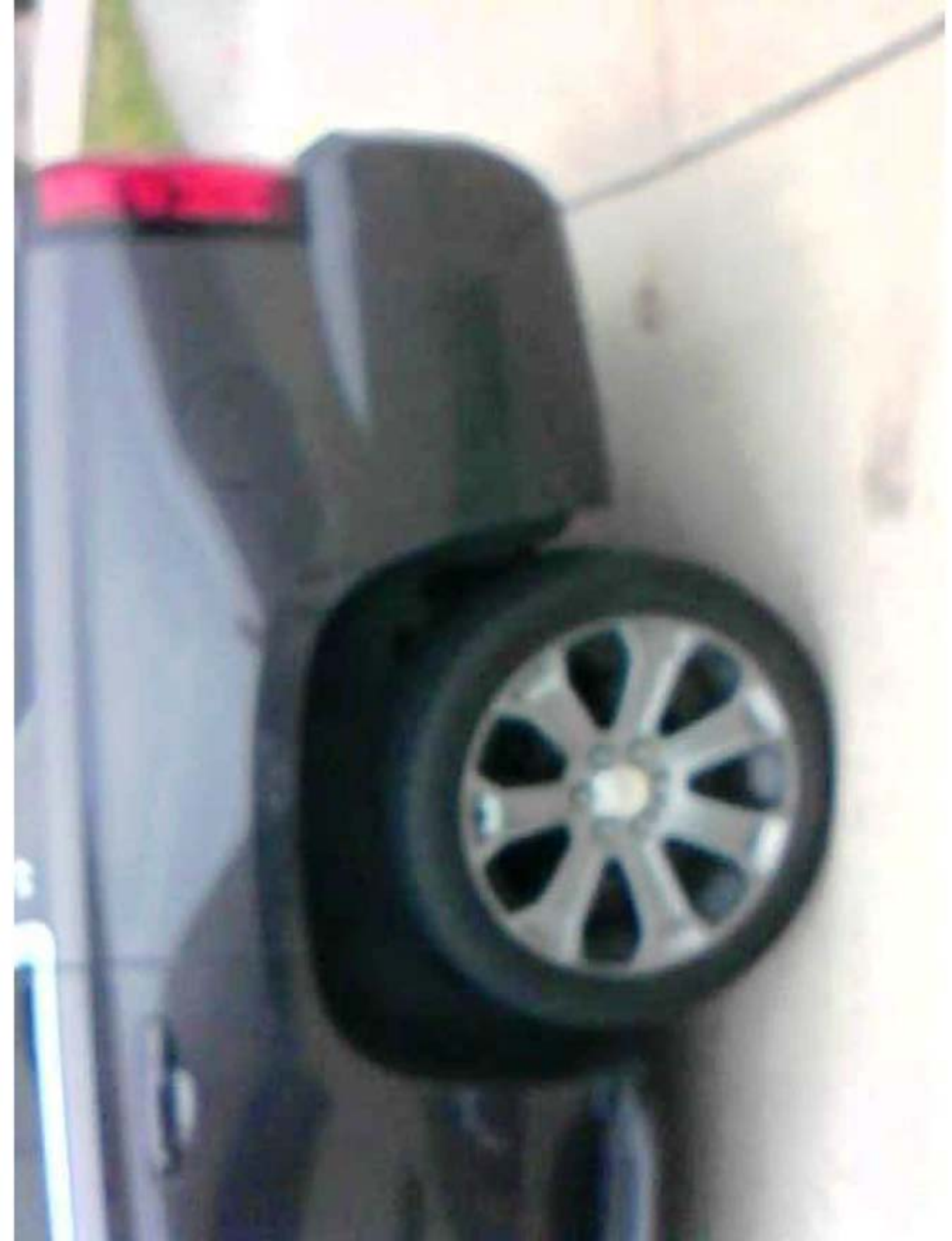








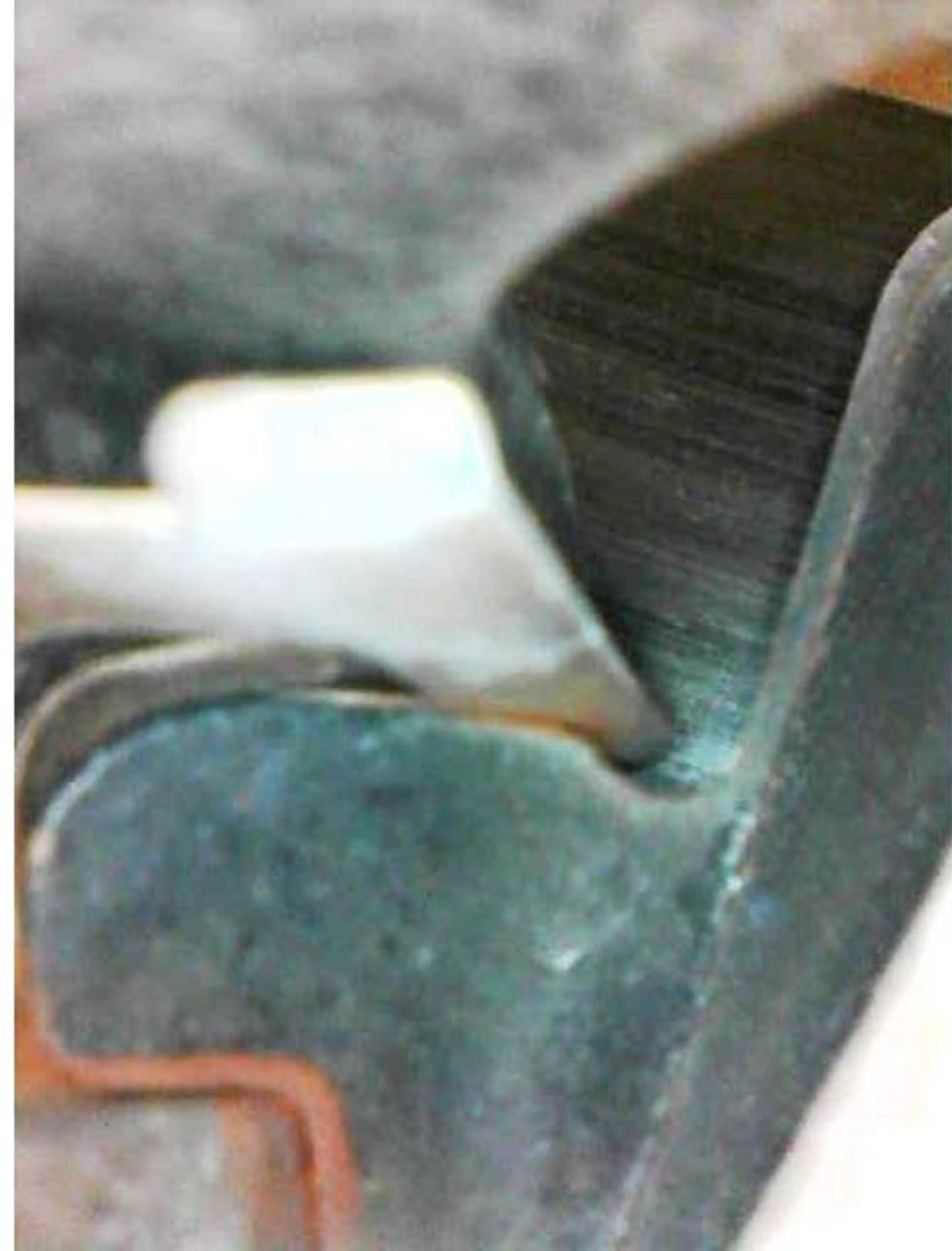


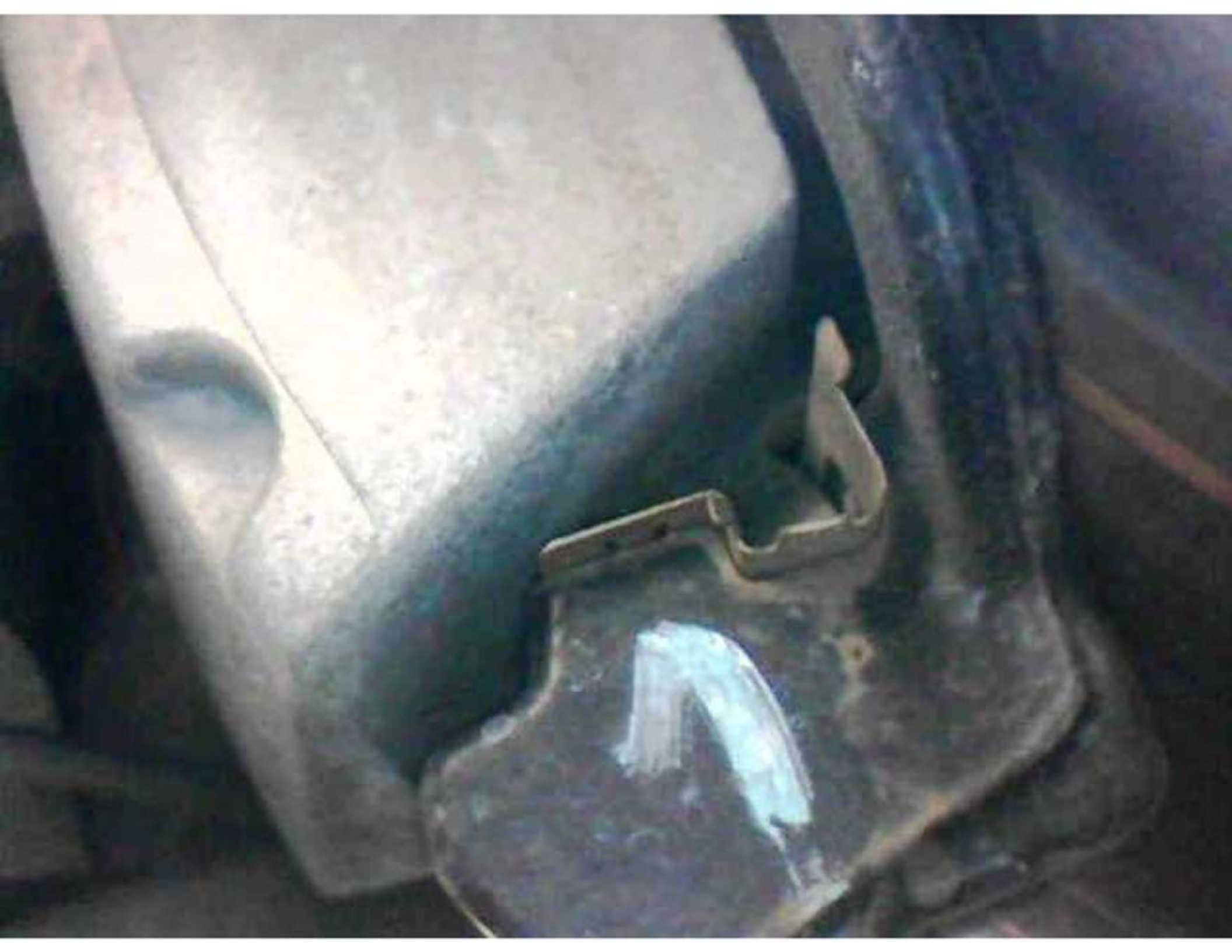








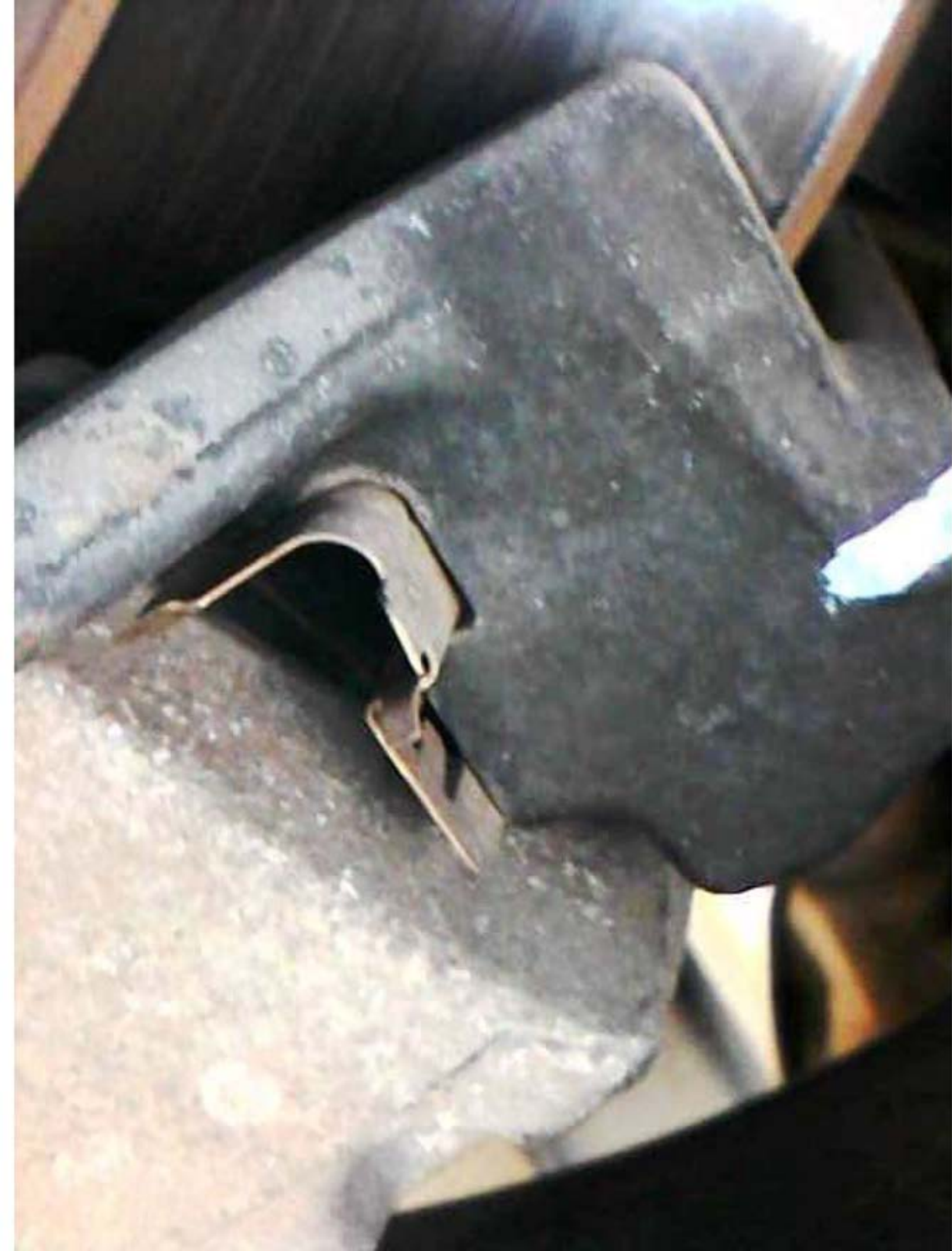












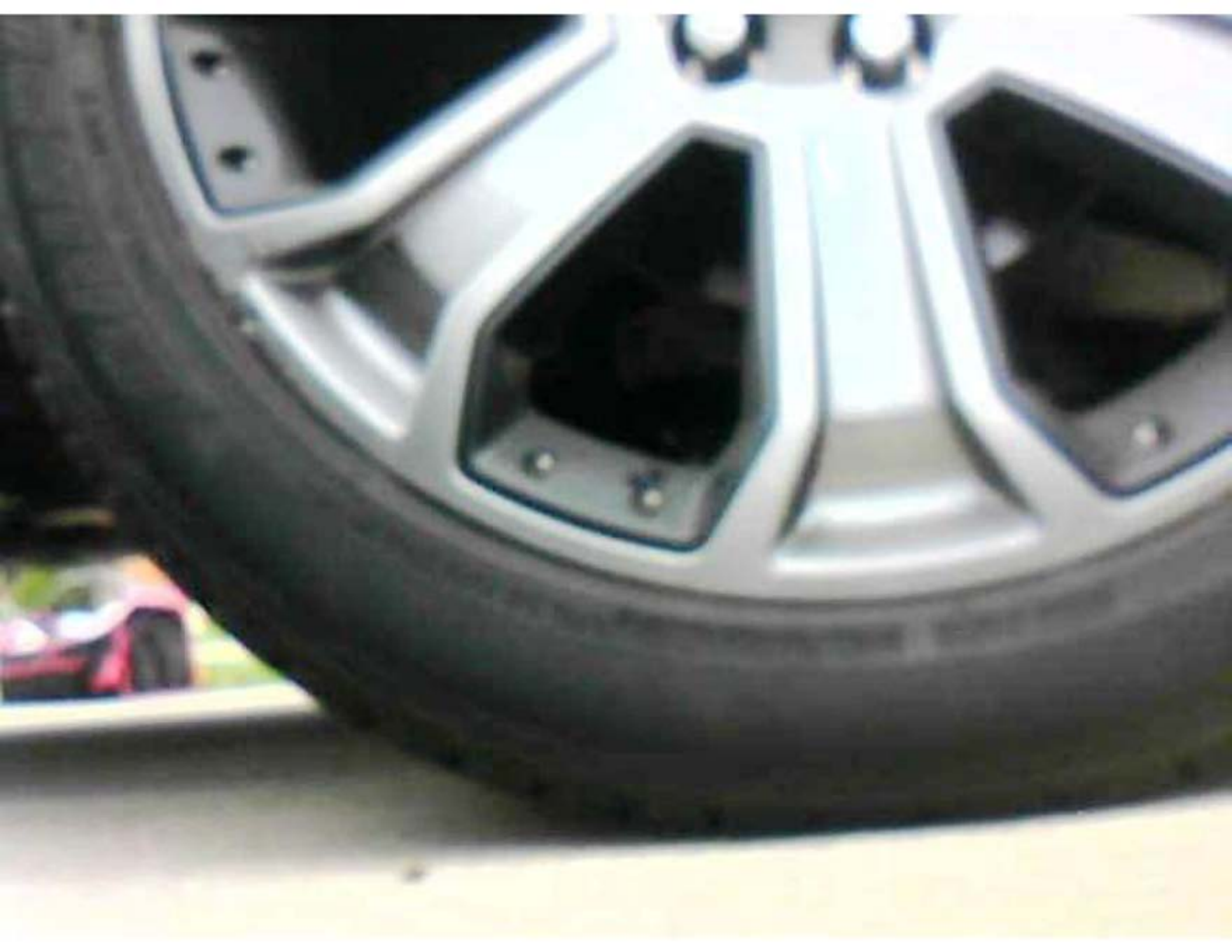






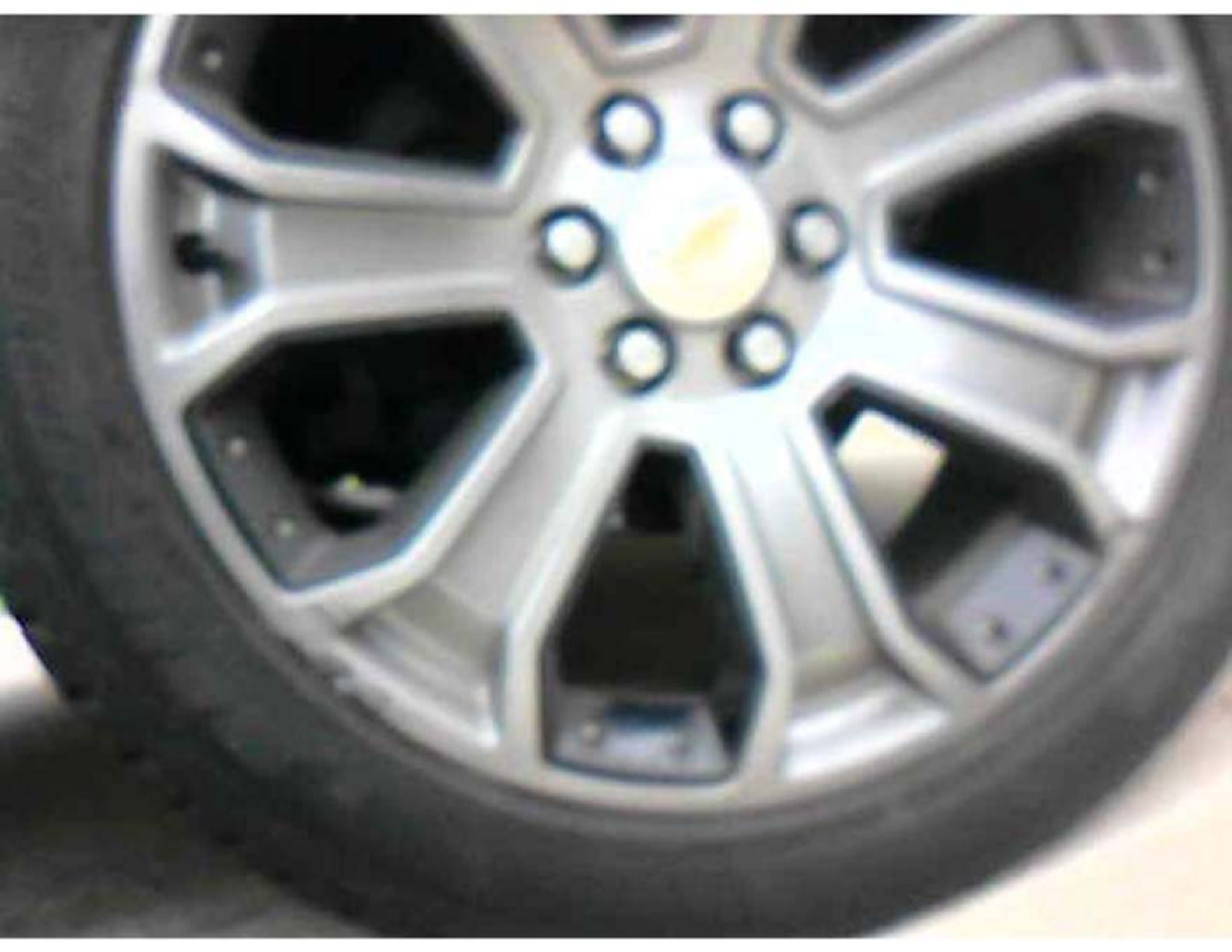




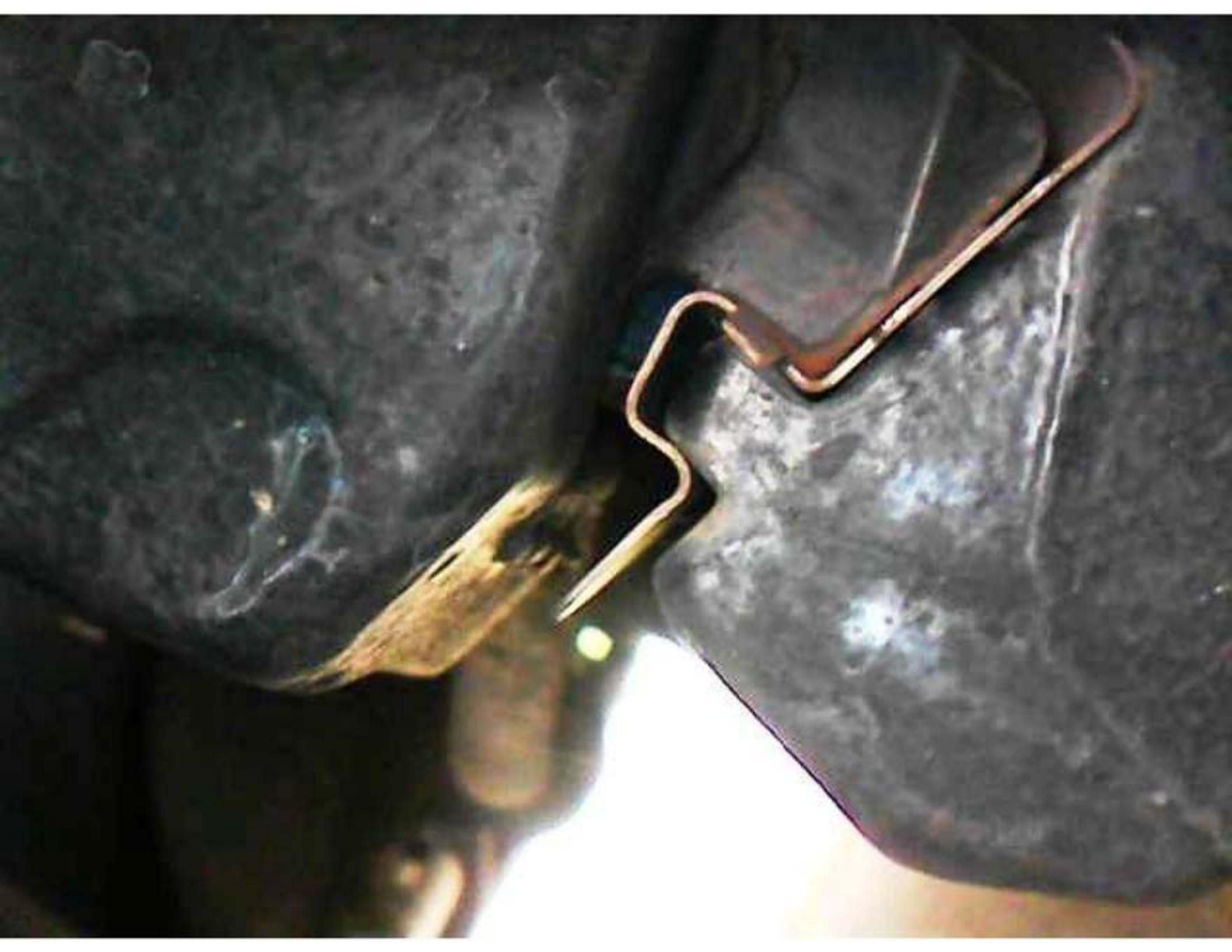


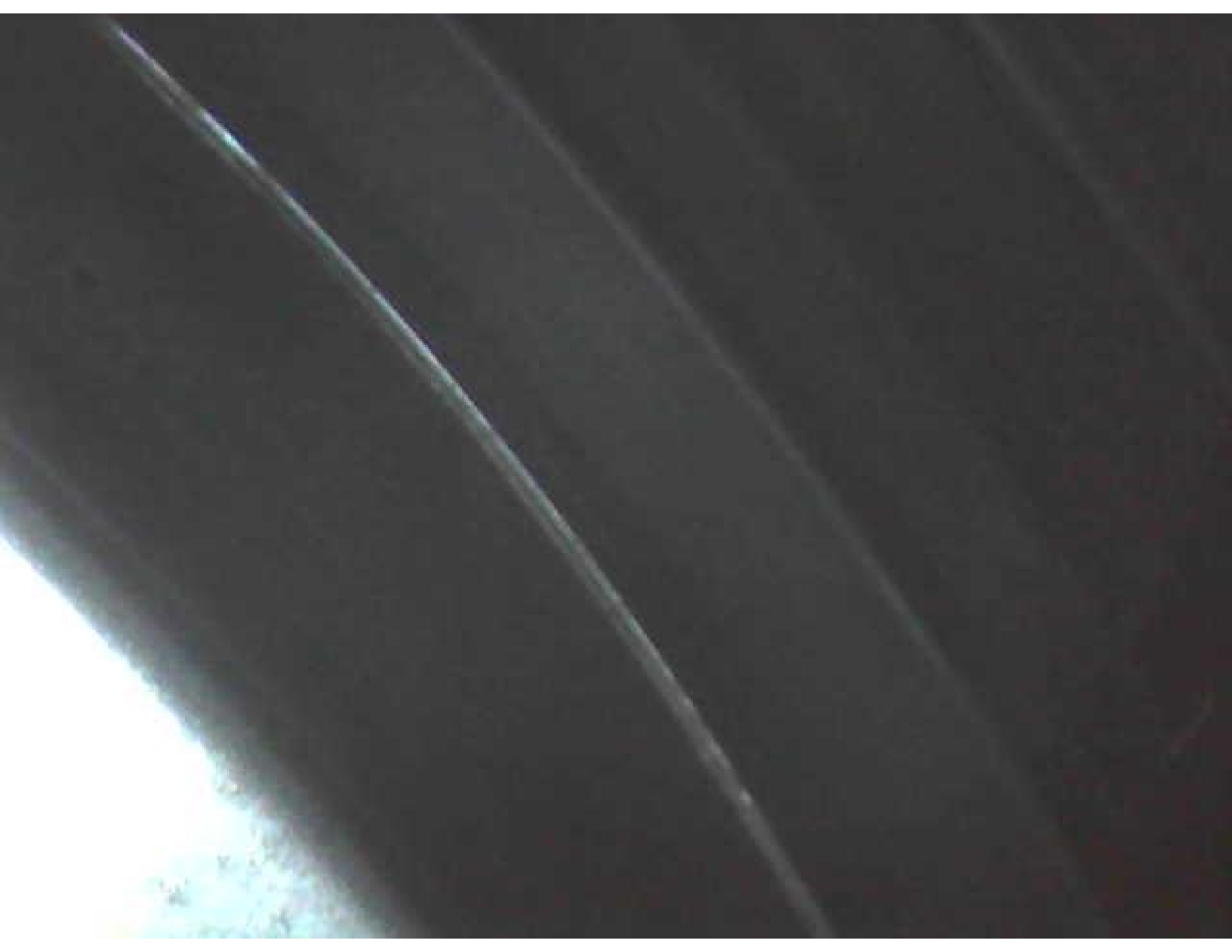


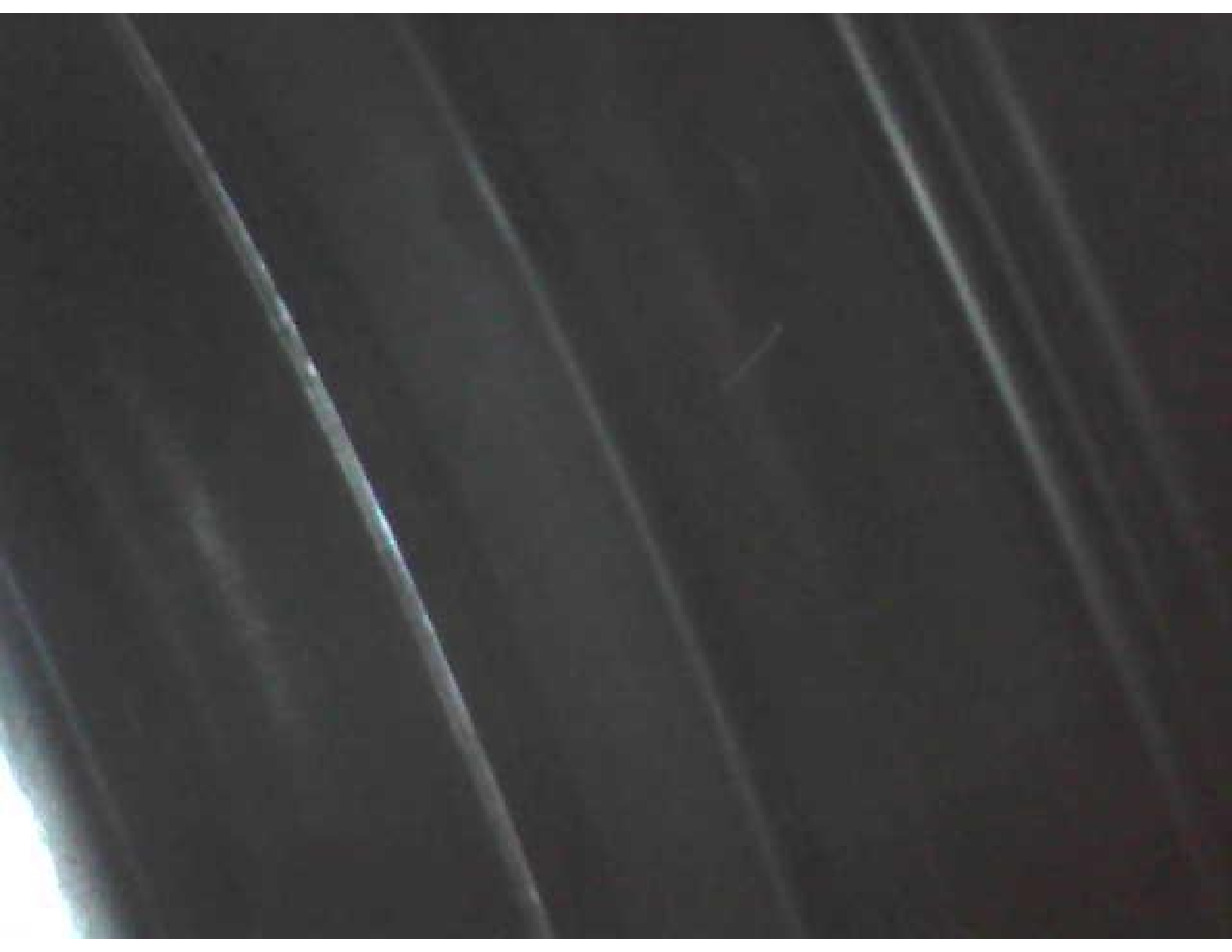


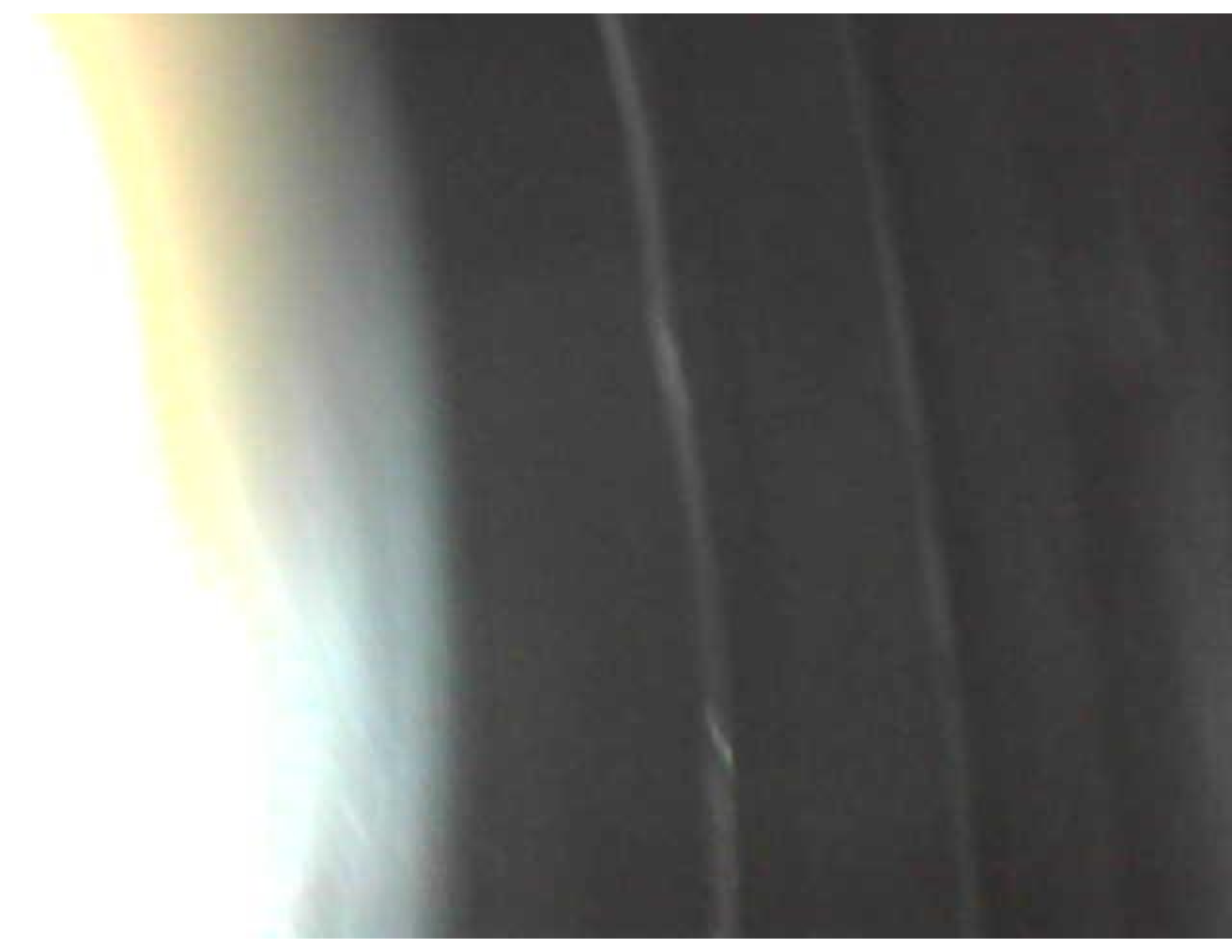




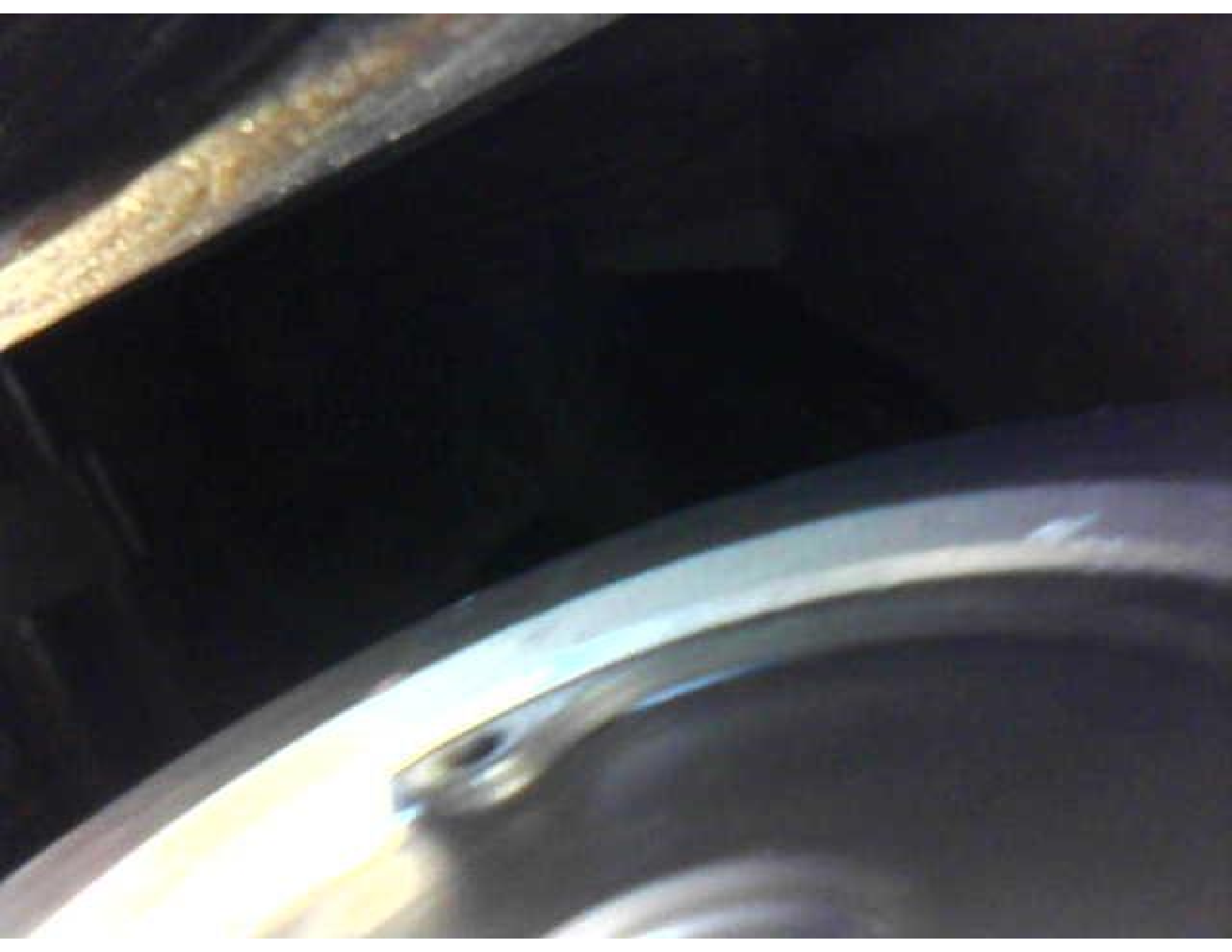


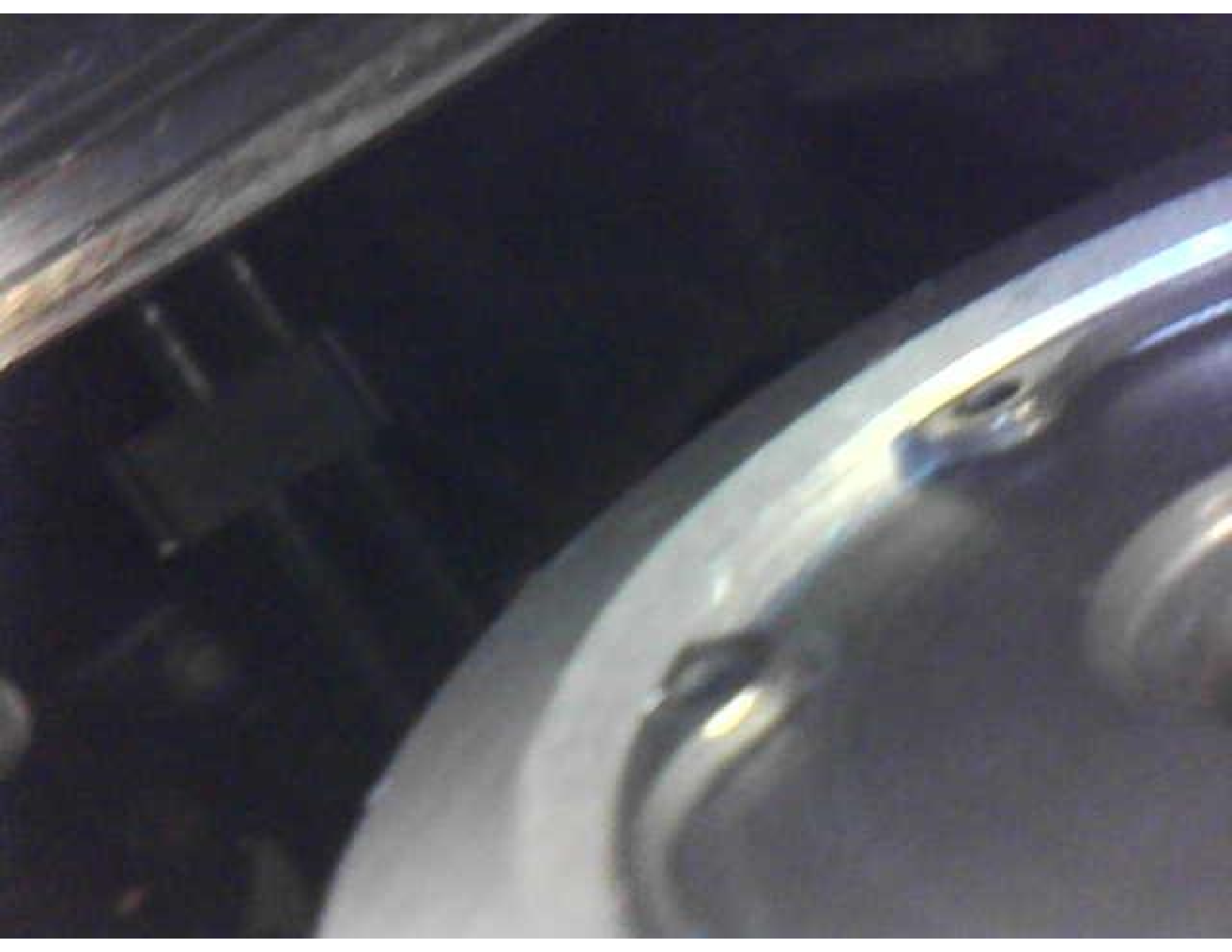


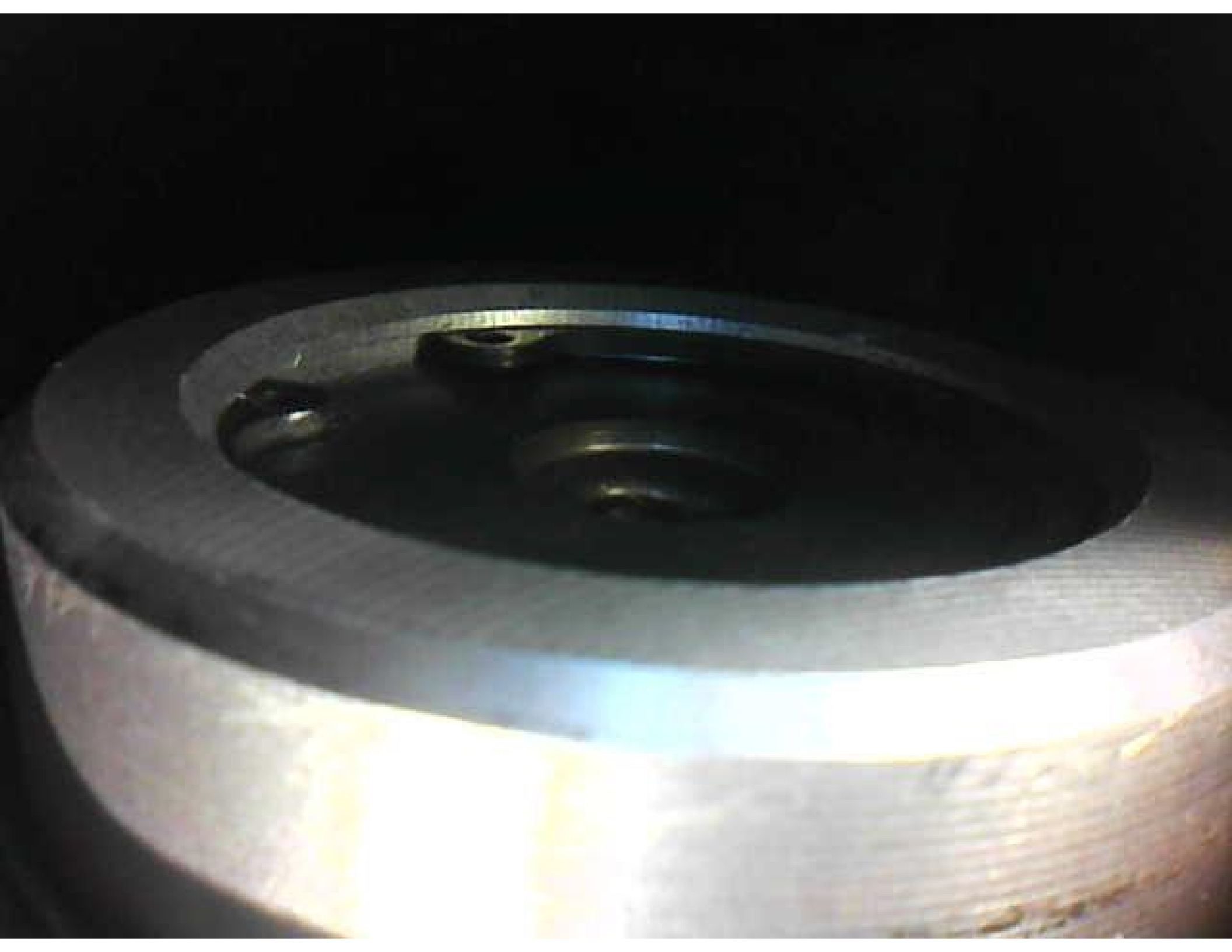




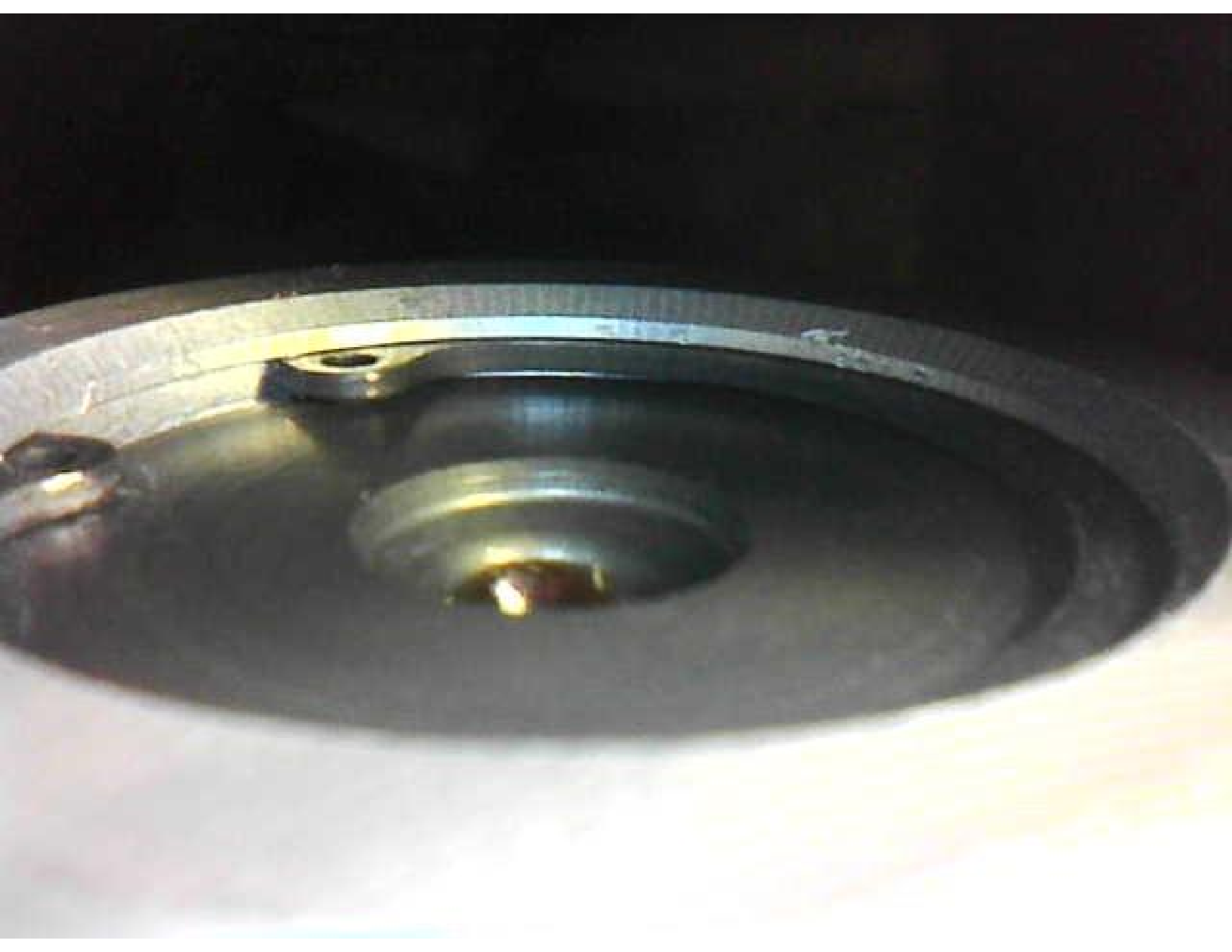


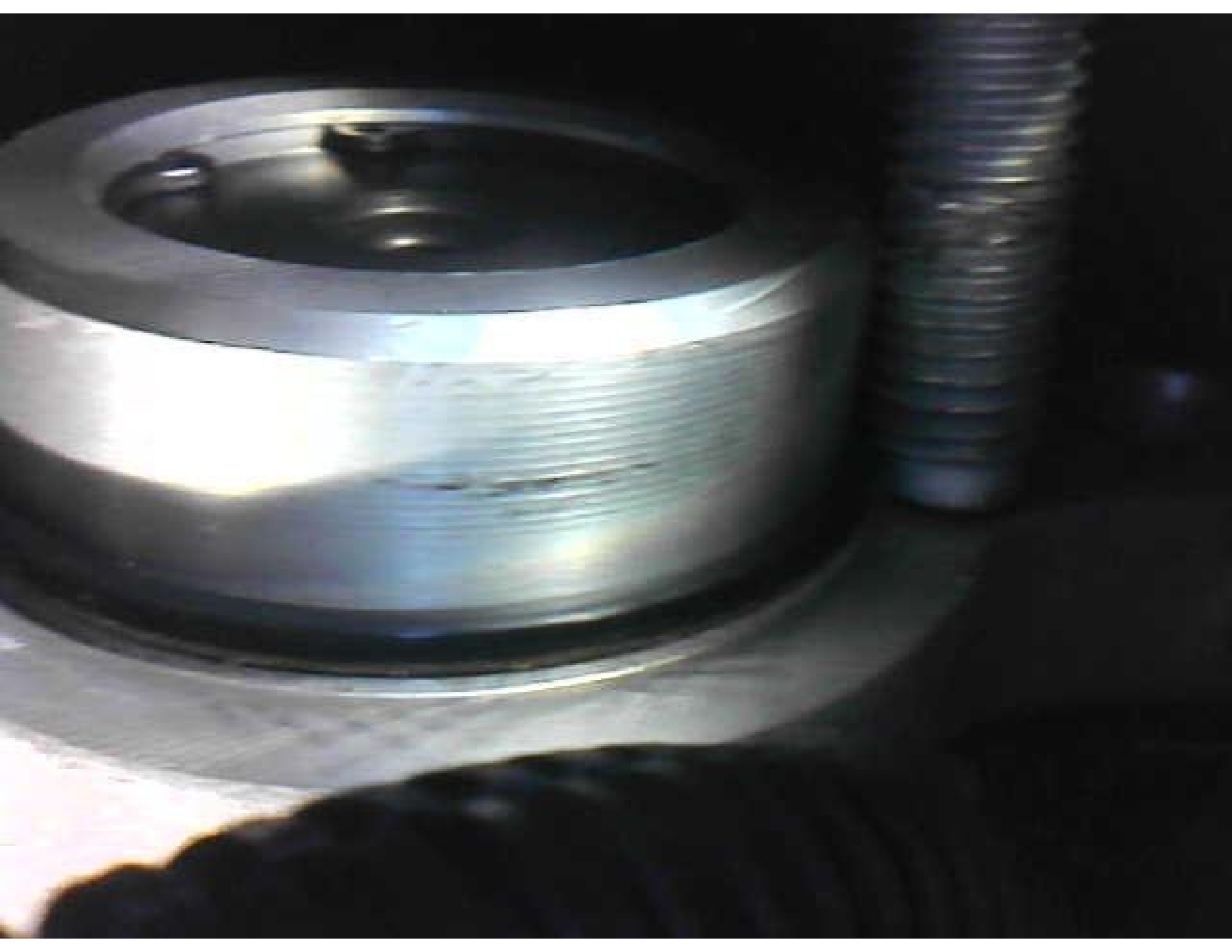


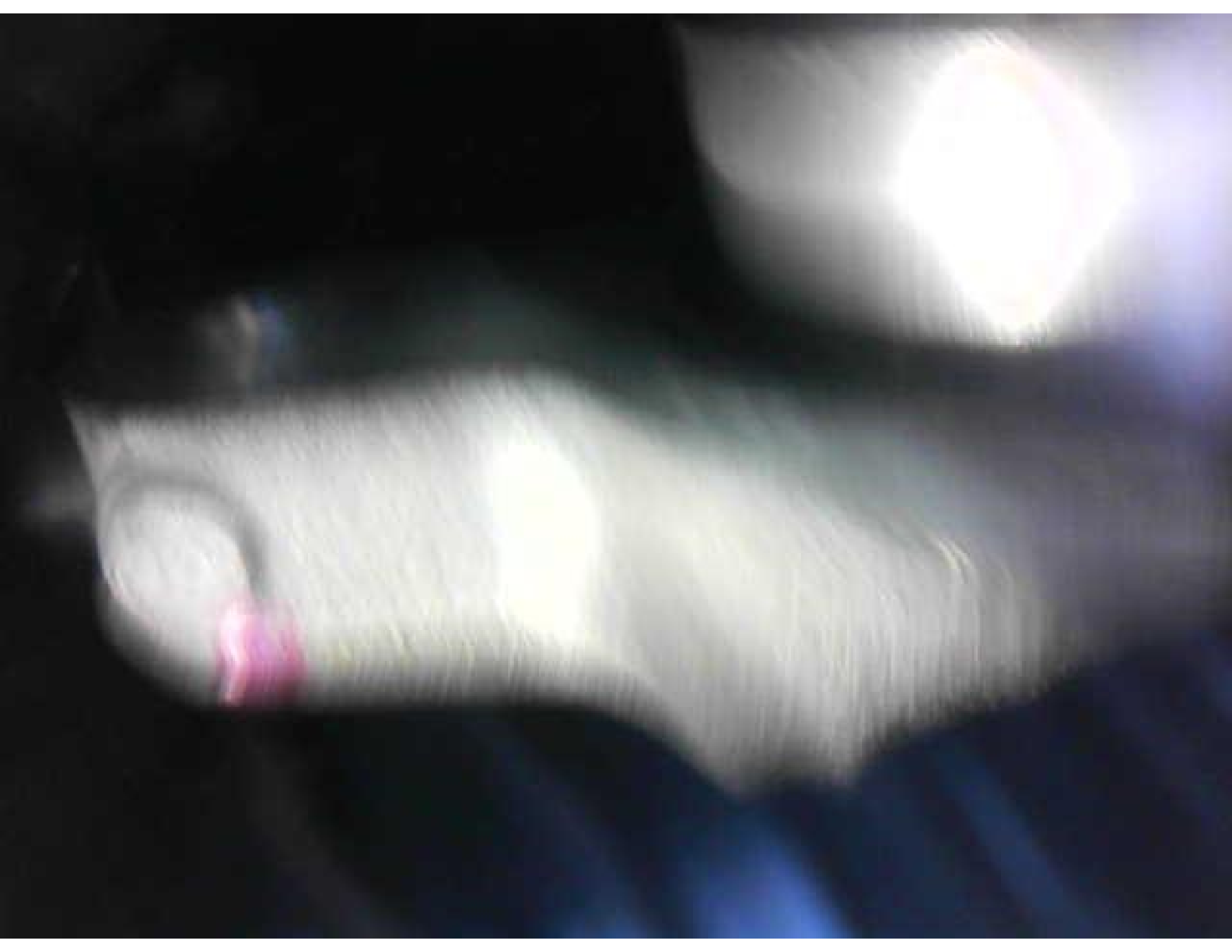


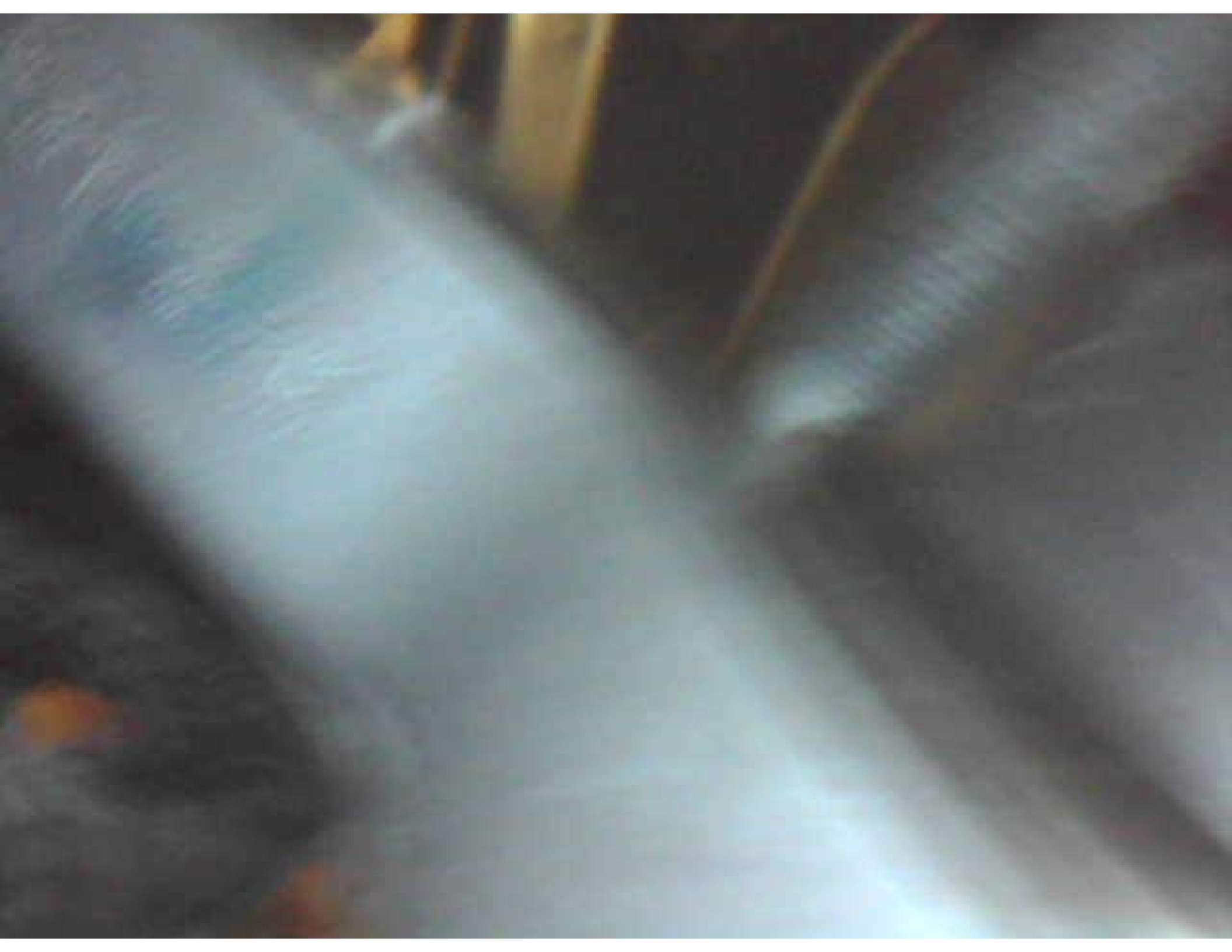








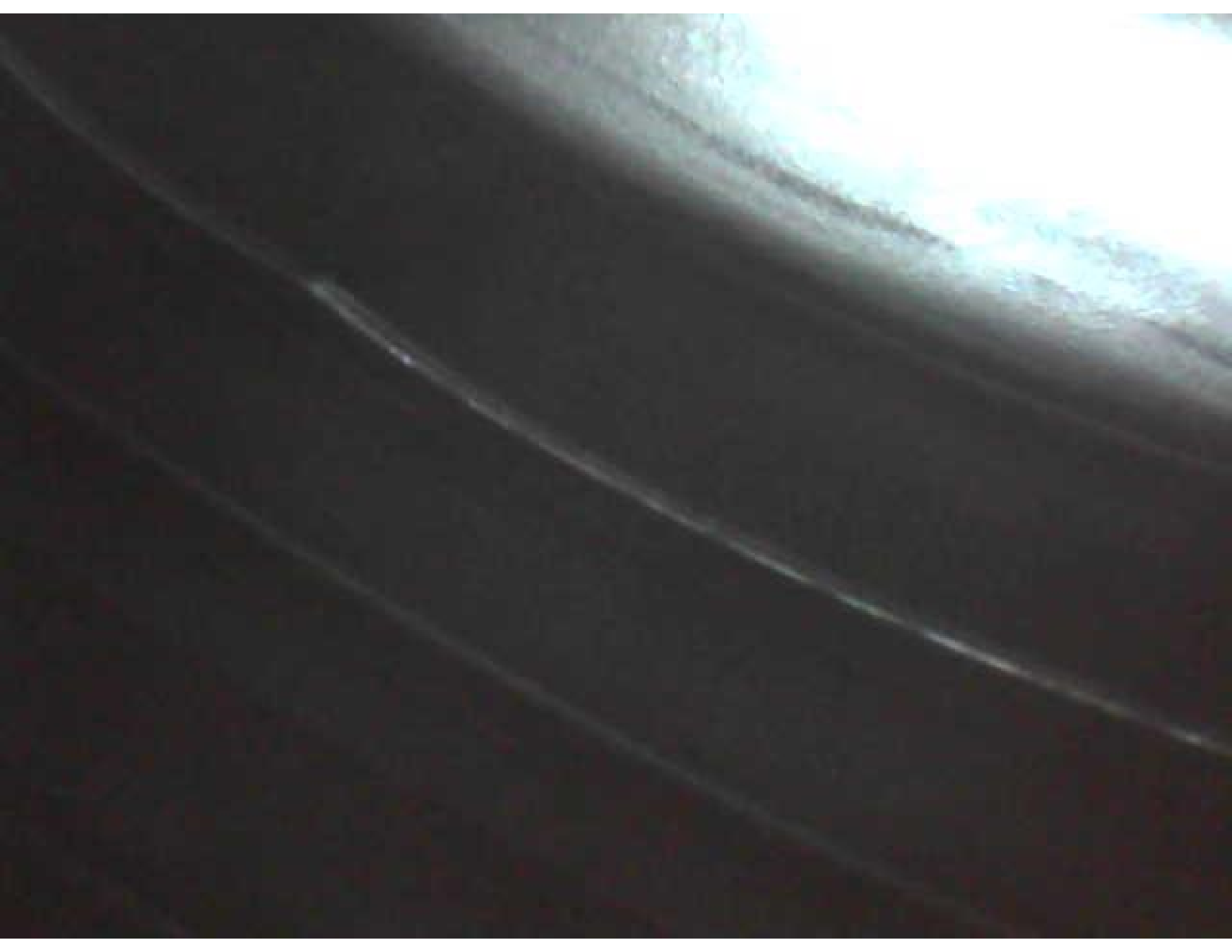






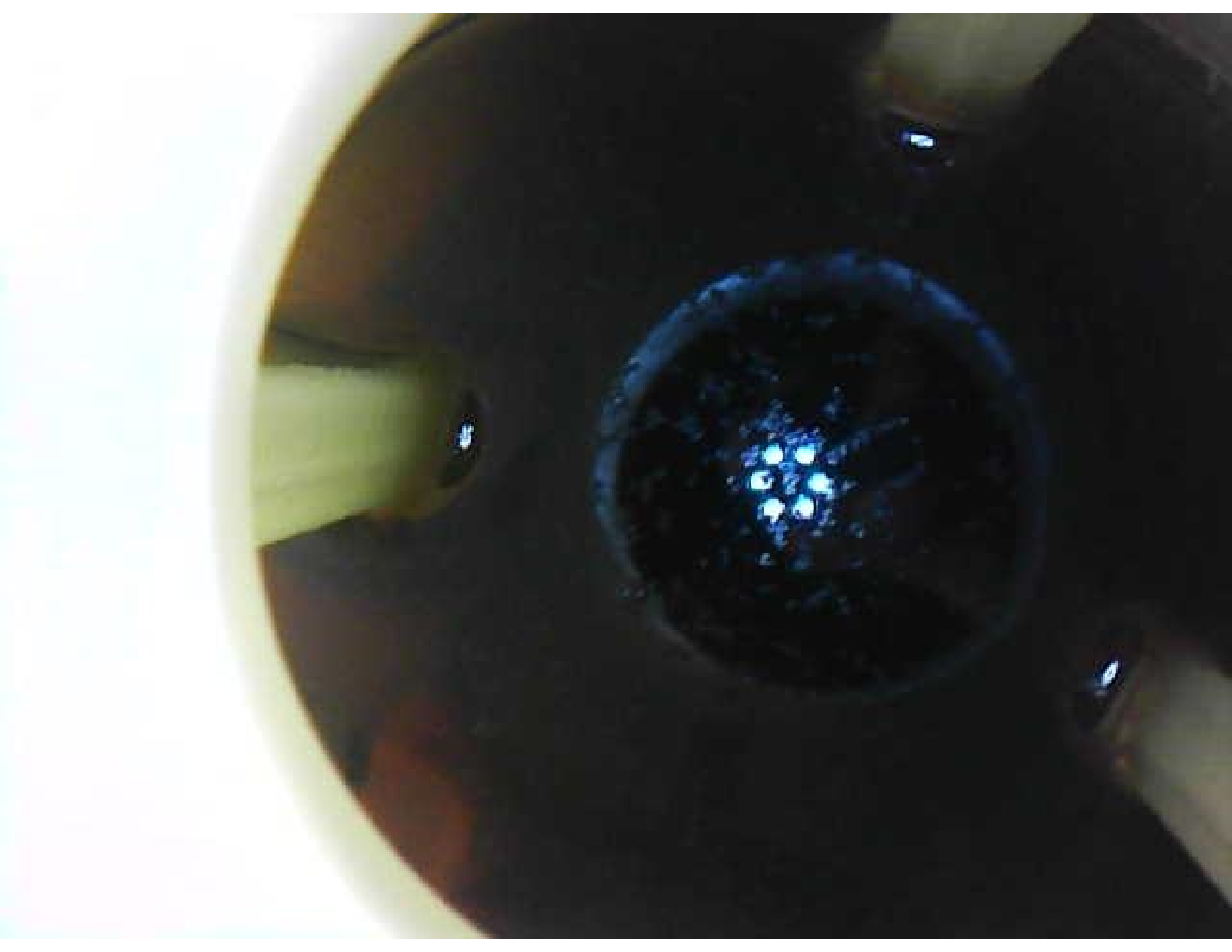


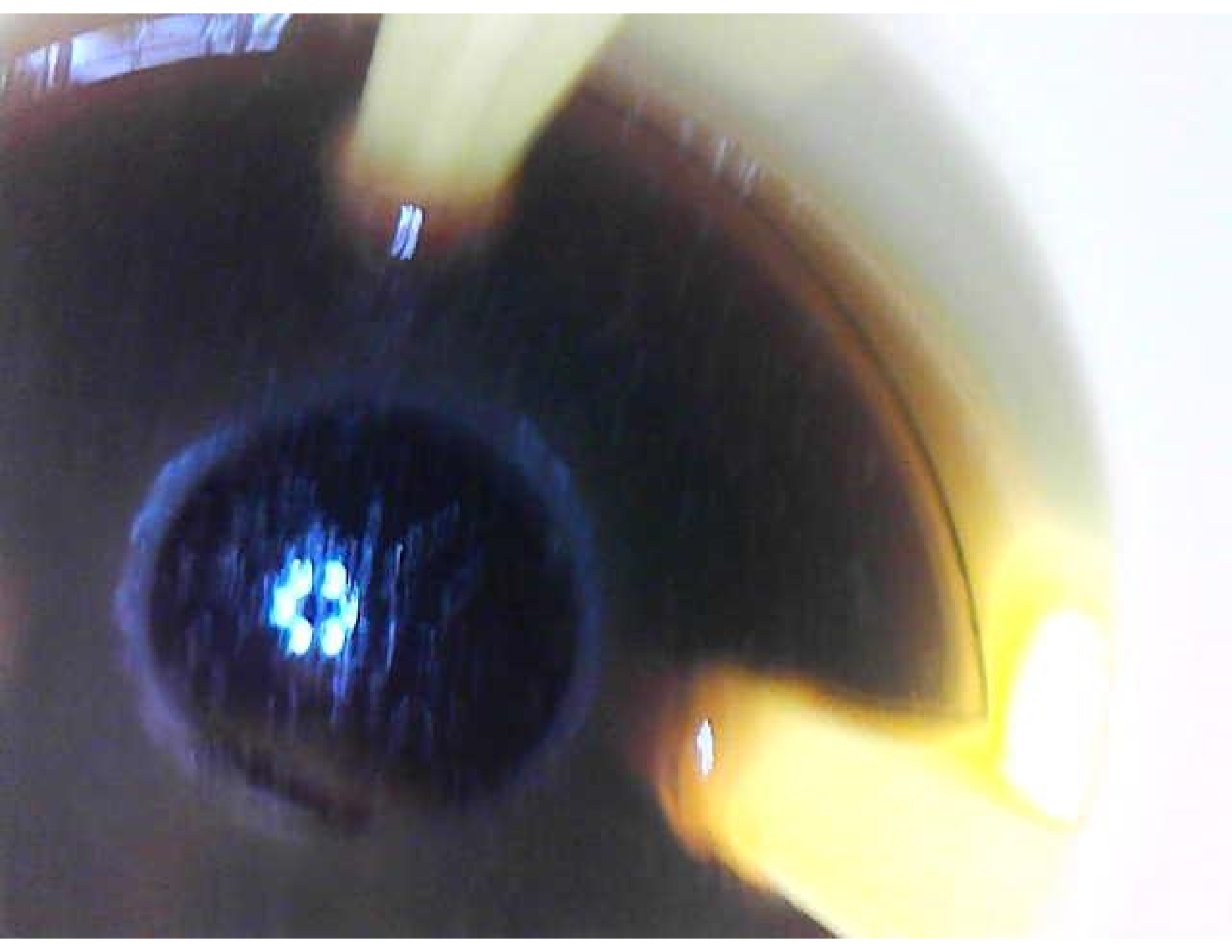




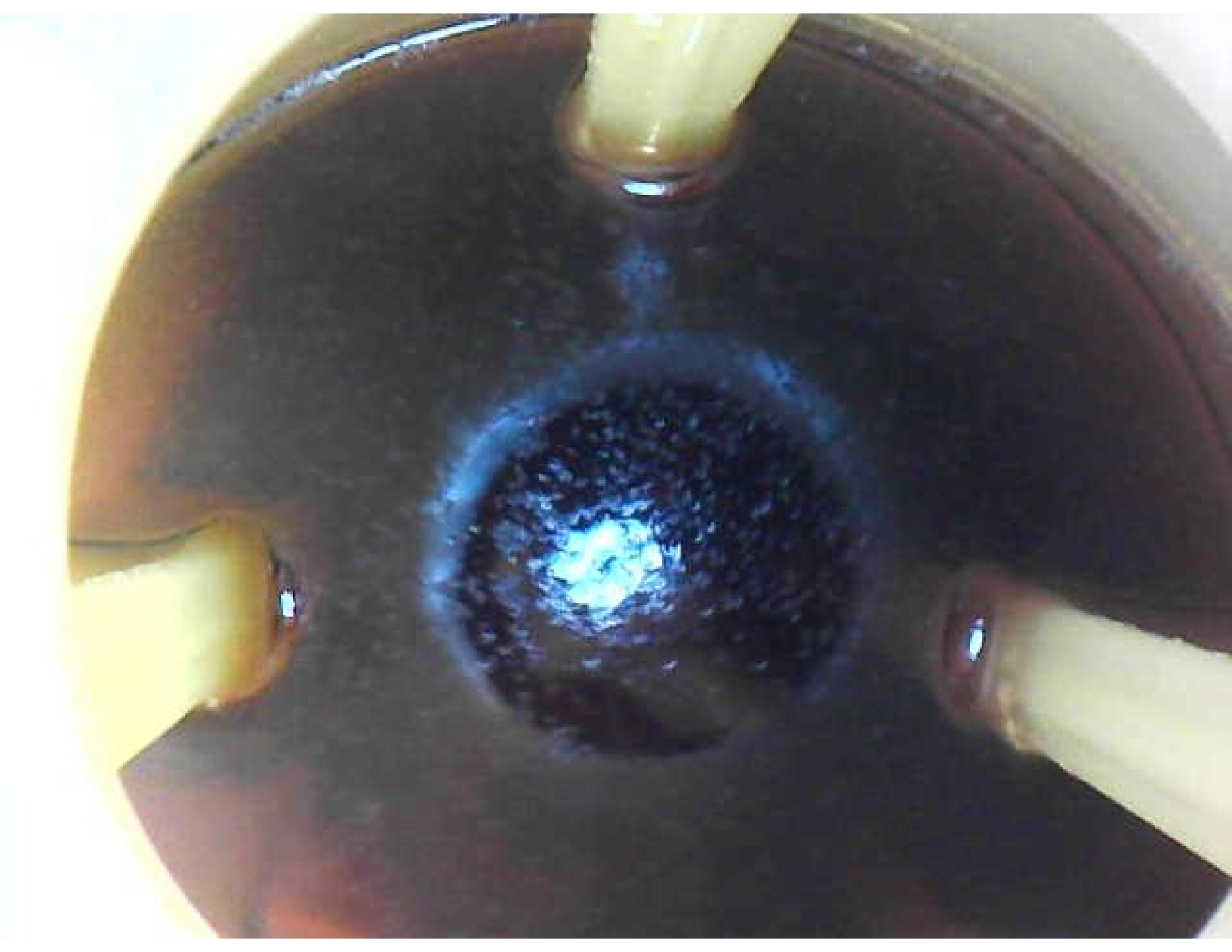


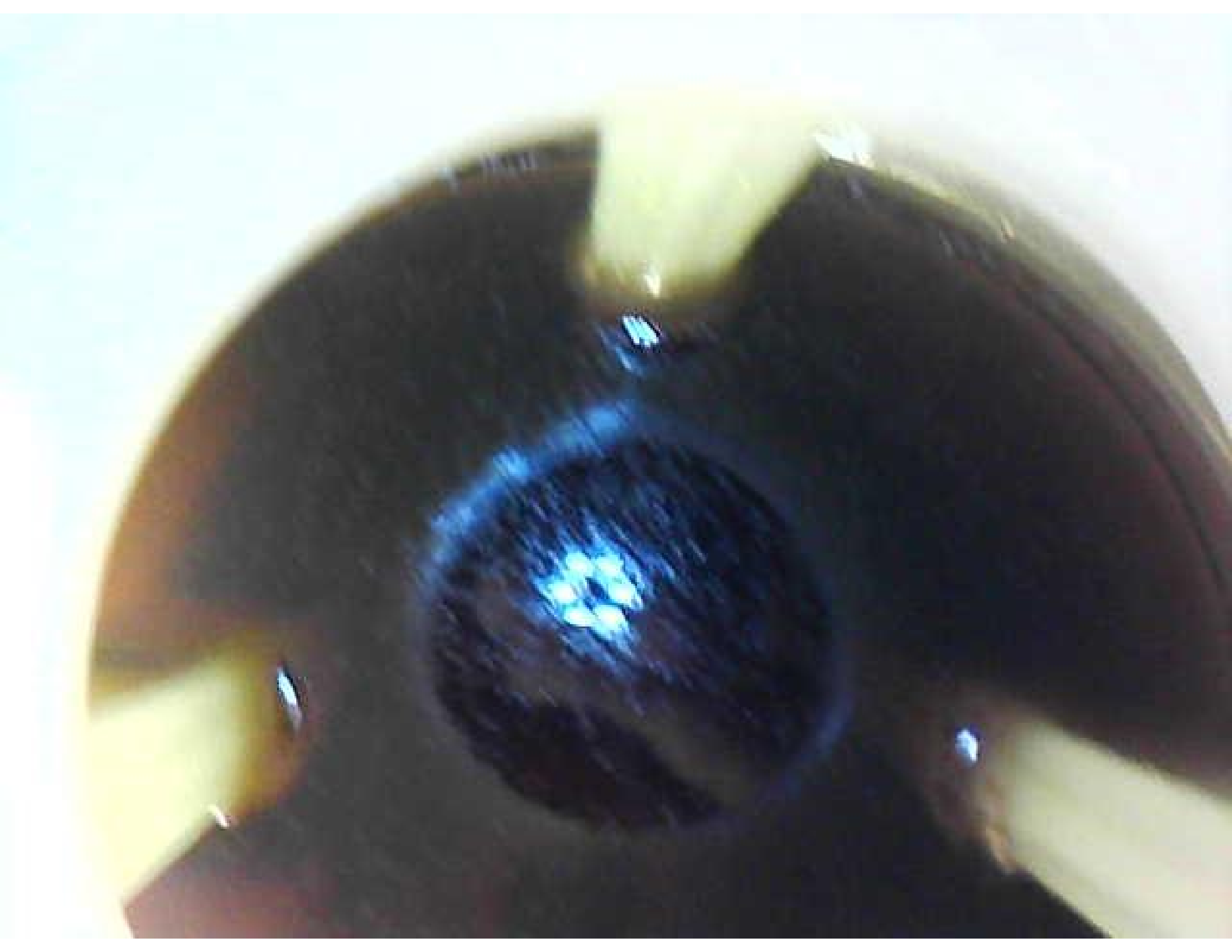




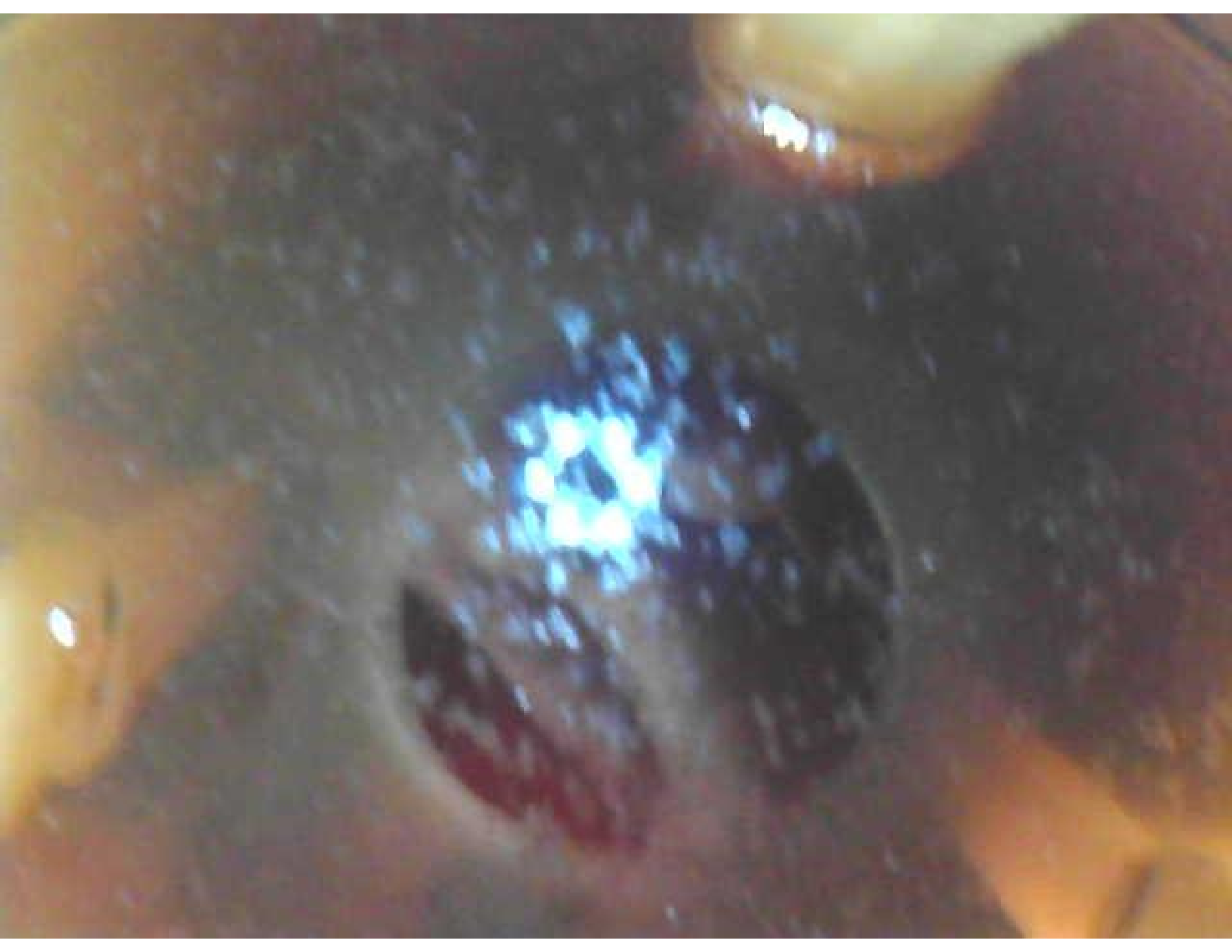


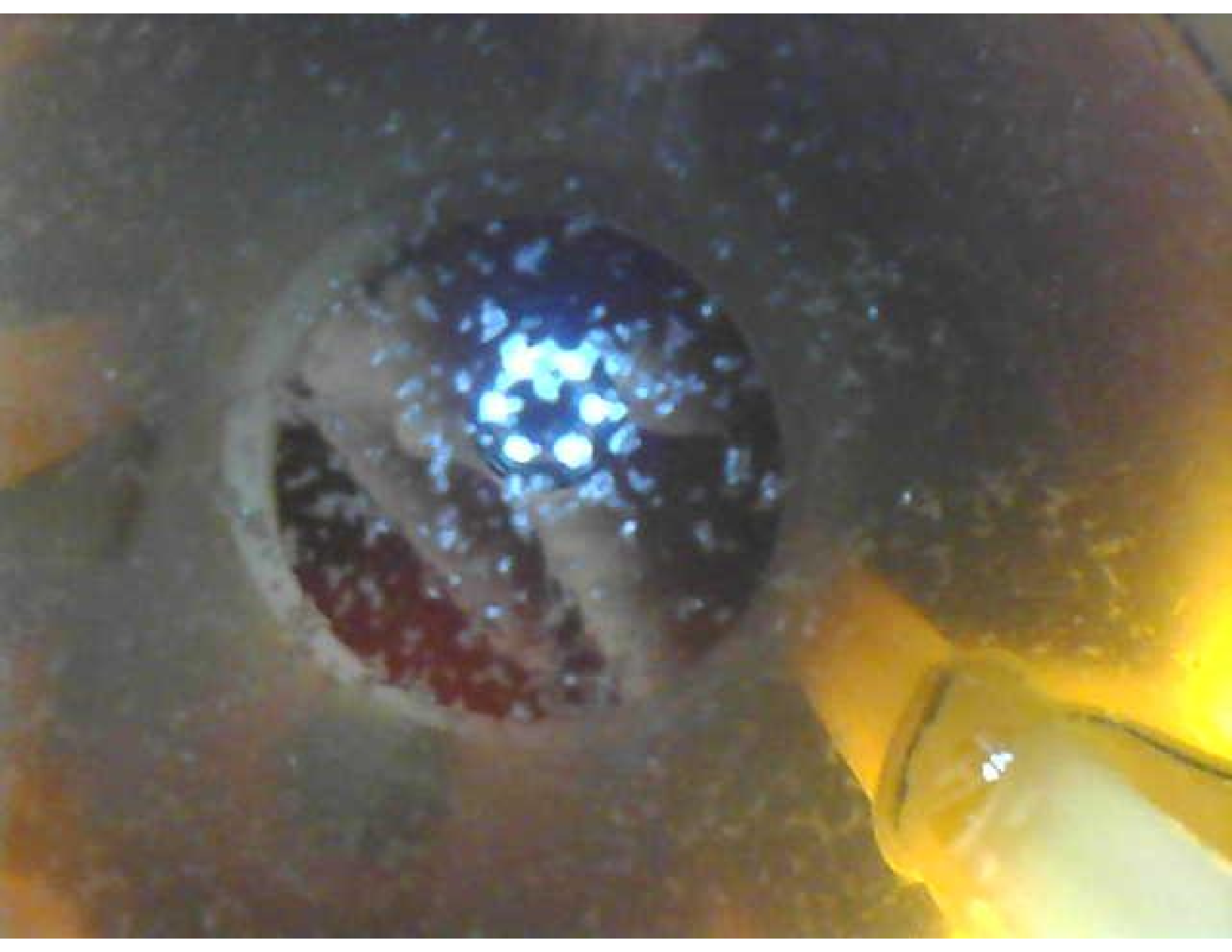


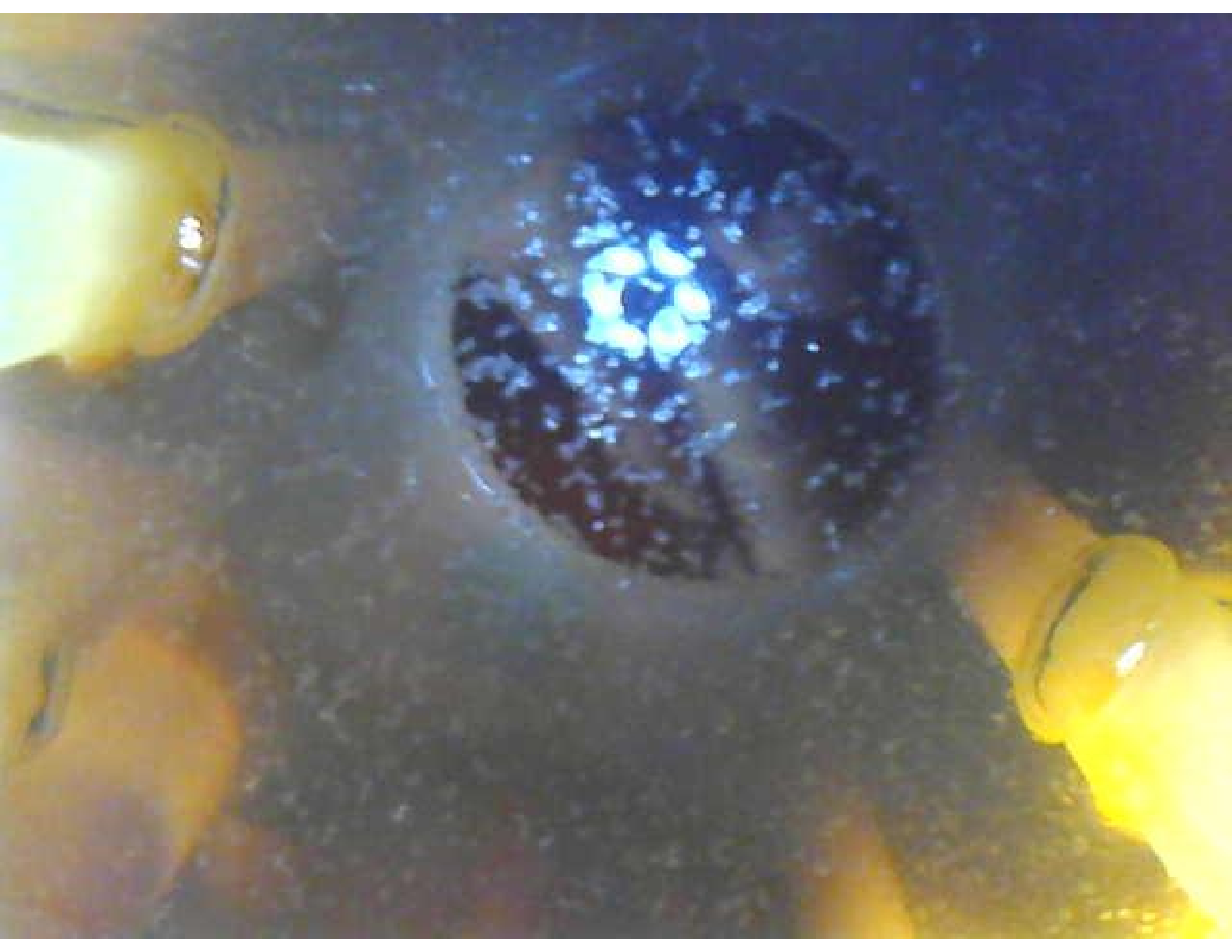




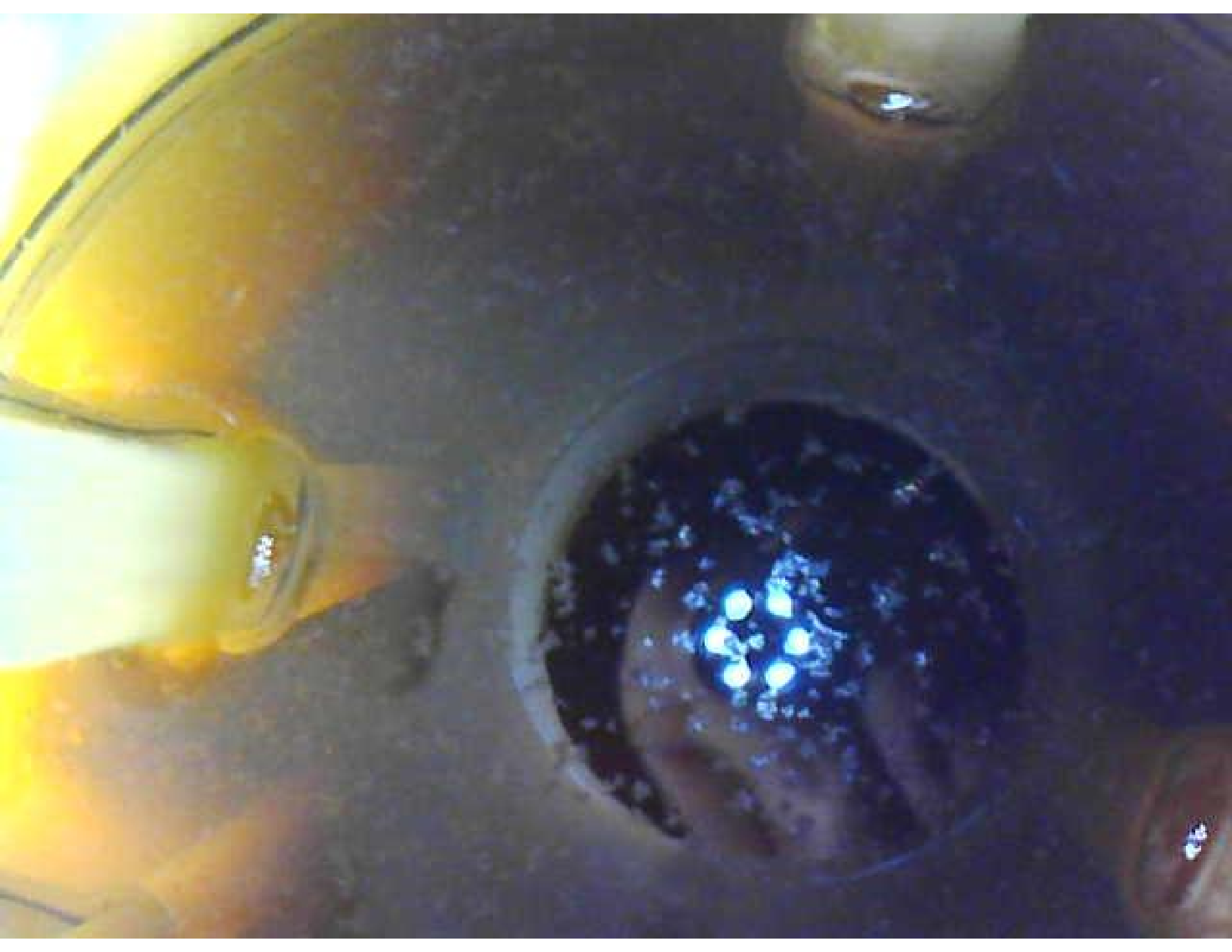












LAKESIDE COLLISION II, INC.
14665 23 MILE ROAD, SHELBY TWP, MI 48315
Phone: (586) 532-8690, Fax: (586) 532-8696

Image Report

Owner:	[REDACTED]	Insurance:		Estimator:	Brandon Ott	Vehicle Out:
Job Number:		Claim Number:				
Year:	2015	Color:	GRAY	License Plate:		Production Date:
Make:	CHEV	Body Style:	4D UTV	State:		Mileage In:
Model:	Tahoe LT 4WD	Engine:	8-5.3L Flex Fuel ...	VIN:	1GNSKBKC3FF [REDACTED]	Condition:



1/30/2018 E01
 Comments:



1/30/2018 E01
 Comments:



1/30/2018 E01
 Comments:



1/30/2018 E01
 Comments:



1/30/2018 E01
 Comments:



1/30/2018 E01
 Comments:

LAKESIDE COLLISION II, INC.
14665 23 MILE ROAD, SHELBY TWP, MI 48315
Phone: (586) 532-8690, Fax: (586) 532-8696

Image Report

Owner:	██████████	Insurance:		Estimator:	Brandon Ott	Vehicle Out:
Job Number:		Claim Number:				
Year:	2015	Color:	GRAY	License Plate:		Production Date:
Make:	CHEV	Body Style:	4D UTV	State:		Mileage In:
Model:	Tahoe LT 4WD	Engine:	8-5.3L Flex Fuel ...	VIN:	1GNSKBKC3FF ██████████	Condition:



1/30/2018 E01
 Comments:



1/30/2018 E01
 Comments:



1/30/2018 E01
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1/30/2018 E01
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1/30/2018 E01
 Comments:



1/30/2018 E01
 Comments:

Image Report

Owner:	██████████	Insurance:		Estimator:	Brandon Ott	Vehicle Out:	
Job Number:		Claim Number:					
Year:	2015	Color:	GRAY	License Plate:		Production Date:	
Make:	CHEV	Body Style:	4D UTV	State:		Mileage In:	
Model:	Tahoe LT 4WD	Engine:	8-5.3L Flex Fuel ...	VIN:	1GNSKBKC3FR ██████████	Condition:	



1/30/2018 E01
Comments:



1/30/2018 E01
Comments:



1/30/2018 E01
Comments:



1/30/2018 E01
Comments:

ESIS GM PHOTO COVER

DATE: 10 / 25 / 2017

FILE:

VEHICLE YEAR / MAKE: 2015 Chevrolet Tahoe

VIN: 1GNSKBKC3FR

LOCATION: Macomb, MI

INVESTIGATOR: TDB & Assocs./Paul Ferri



1GNSKBKC3FR



MFD BY GENERAL MOTORS LLC

GVWR
3311 KG
7300 LB

GAWR FRT
1633 KG
3600 LB

GAWR RR
1905 KG
4200 LB

00114

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

1GNSKBKC3FR

TYPE: M.P.V.

MODEL: K15706

KBCG 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 685 kg or 1510 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

1GNSKBK3FH

⚠ WARNING

EVEN WITH ADVANCED AIR BAGS

- Children and pets should not be allowed to occupy the air bag.
- The back seat is the safest place for children.
- Never put a rear-facing child seat in the front.
- Always use your belts and child restraints.
- See owner's manual for more information about air bags.



⚠ AVERTISSEMENT


MÊME AVEC DES SIÈGES ENPLACES INTÉLLIGENTS

- Les enfants et les animaux ne doivent pas occuper les air bags.
- Le siège arrière est l'endroit le plus sûr pour les enfants.
- Ne placez jamais un siège enfant à l'avant d'une voiture.
- Utilisez toujours votre ceinture de sécurité et vos sièges enfant.
- Voir le manuel de l'utilisateur pour plus d'informations sur les air bags.



⚠ WARNING

EVEN WITH ADVANCED AIR BAGS

- Children can be killed or seriously injured by the air bag.
- The back seat is the safest place for children.
- Never put a rear-facing child seat in the front.
- Always use seat belts and child restraints.
- See owner's manual  for more information about air bags.




Printed in USA

▲ 1560-4773

⚠ AVERTISSEMENT


MÊME AVEC DES SACS GONFLABLES INTELLIGENTS

- Les enfants peuvent être tués ou gravement blessés par le sac gonflable.
- Le siège arrière est l'endroit le plus sûr pour les enfants.
- Ne jamais placer à l'avant un siège pour enfant faisant face à l'arrière.
- Toujours utiliser les ceintures de sécurité et les ensembles de retenue pour enfant.
- Voir le guide du propriétaire  pour plus d'information à propos des sacs gonflables.



WARNING

EVEN WITH ADVANCED AIR BAGS

- Children can be killed or seriously injured by the air bag.
- The back seat is the safest place for children.
- Never put a rear-facing child seat in the front.
- Always use seat belts and child restraints.
- See owner's manual  for more information about air bags.




Printed in USA

▲ 15004773

AVERTISSEMENT

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- Les enfants peuvent être tués ou gravement blessés par le sac gonflable.
- Le siège arrière est l'endroit le plus sûr pour les enfants.
- Ne jamais placer à l'avant un siège pour enfant faisant face à l'arrière.
- Toujours utiliser les ceintures de sécurité et les ensembles de retenue pour enfant.
- Voir le guide du propriétaire  pour plus d'information à propos des sacs gonflables.





SERVICE PARTS

ATION

DO NOT REMOVE

1GNSKBC3FR

RXXPZW

CK15706

AG2 AKJ AKK AKO AKX MAL0 AN3 AP9 AQQ ARL ARN ATV AU3 AXP AYQ

A31 A45 BTV BVE B30 B58 CE1 CF5 CJ4 C25 C45 C6A DCP DDB DLB

D07 EFZ FE9 FHD GUG GX6 GB0 H2U I06 I15 JD9 JF4 JL1 KC4 KG4

KI4 KNP K34 LB3 MAH MYC NHT NP5 NQH NT7 N37 PCJ QST RBR RC4

RUF RX1 R60 R9N SAF SLM SLT TB5 UDD UD7 UEU UE1 UFL UG1 UJM

UK3 UMN UQA UTJ UVC U2M U42 U77 VFF VQY VQZ VRK VT7 V54 V80

WMF XL7 XBB YMB Y65 ZY1 Z82 Z85 1LT 1S2 4AA 6RW 7RW BX2 9X2

BC/GC QPU 12TV

H2U

















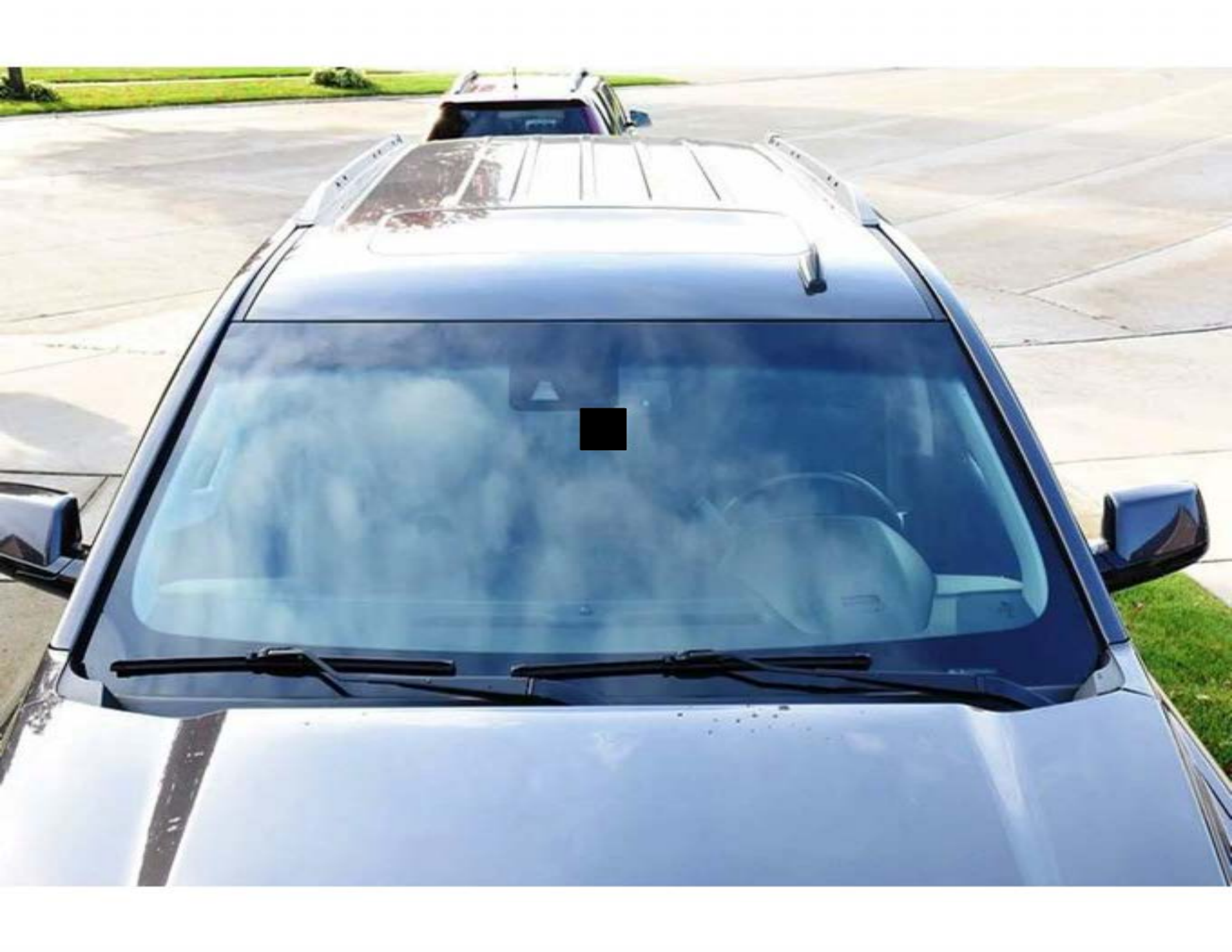


















TAHOE

LT





TAHOE











TAHOE













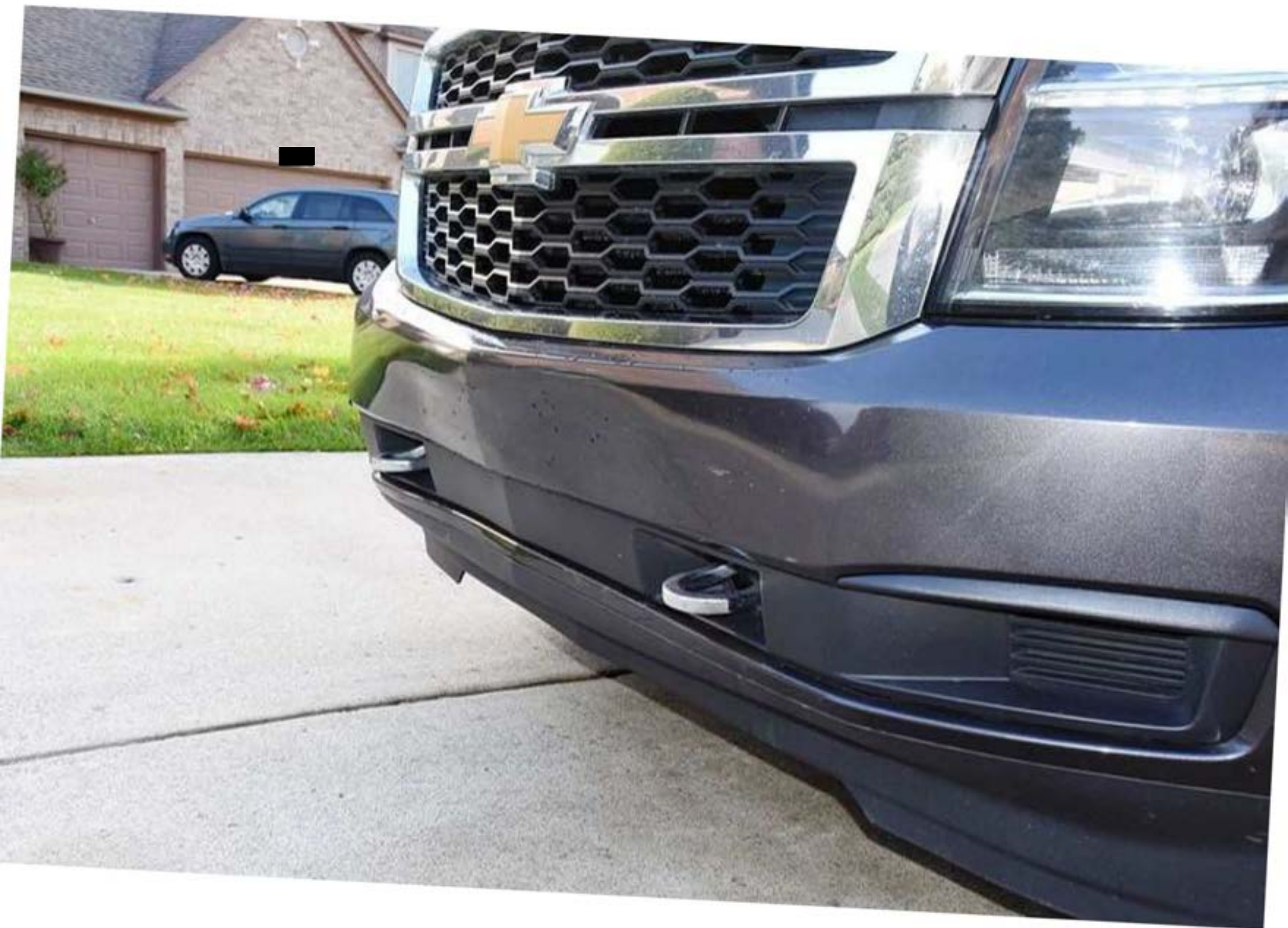




















DOT (R)BOK

RLM

4916

R R R R

R R

R R

R R



RR

HIL

P285/45R22

110H M+S

DALPZ



TYPE	MM
32	
29	24
26	21
23	18
20	15
17	12
14	9
11	











30
20
10
PSI





GOODYEAR

285/45R22

110H M+S

DALPZ

ALENZA Plus















BRIDGESTONE
DOT RBOR RLM









188 10 12 07 061
P. 188 10 12 07 061
P. 188 10 12 07 061
P. 188 10 12 07 061







30

20

10

PSI









ALENZA Plus



DALPZ

110M/M+S









RR

BRUNO MAGLI
ALLENZA
SPORTS/255/45R19 91H

ALLENZA
P117

BRUNO MAGLI
ALLENZA
SPORTS/255/45R19 91H





FR
P285/45R22

110H

M+S

DALPZ

A



INCHES
22
20-24
19-21
18-20
17-19
16-18
15-17
14-16
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12-14
11-13
10-12
9-11

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RR

DUNLOP

P285/45R22 110H





RLM

DOT R880R

BERBER







TAHOE

RF





GOODYEAR
WRANGLER RLM
DOT R80R





DALPZ

M+S

110H

R

R

|||





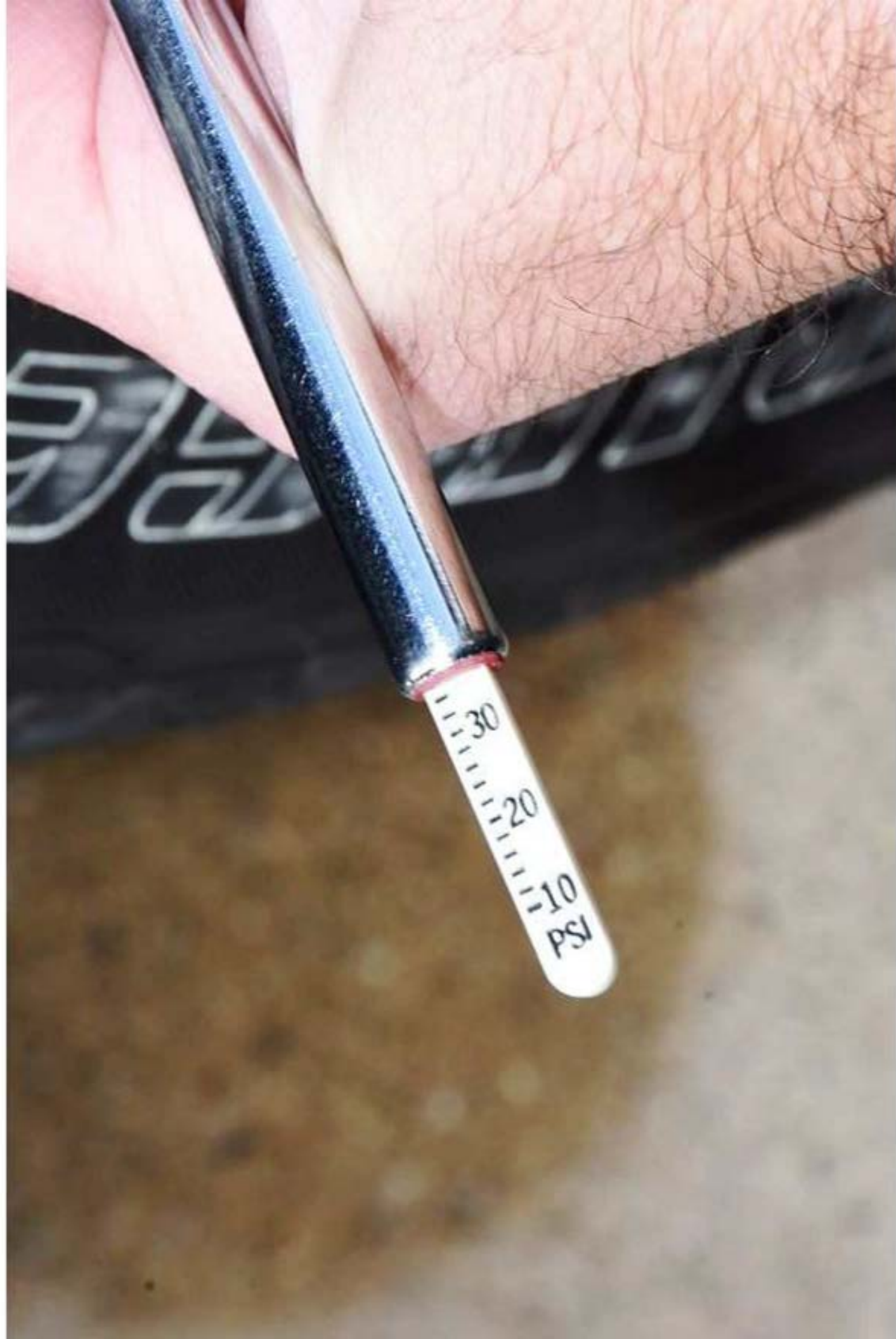












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20
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PSI









GOODYEAR
P285/45R22 110H VHS
DALPZ



















