

F/CMVSS Noncompliance Recall

18159 Fuel Leak During F/CMVSS Testing



Reference Number: N182159480

Release Date: August 2018
Revision: 03

Revision Description: This bulletin is being revised to update the Service Procedure section. An additional graphic and instructions not to install a fuel line secondary latch if it is not present has been added. Please discard all previous copies of bulletin 18159.

Attention: It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

Vehicles involved in this recall were placed on stop delivery May 10, 2018. Once the service procedure contained in this bulletin has been performed on the vehicle, the vehicle is released from stop delivery and the vehicle can be delivered to the customer.

All involved vehicles that are in dealer inventory must be held and not delivered to customers, dealer traded, or used for demonstration purposes until the repair contained in this bulletin has been performed on the vehicle.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Cruze	2016	2018	KTI	Tire Inflator Kit

Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

Condition	General Motors has decided that 2016-2018 Chevrolet Cruze LS gasoline-engine sedans equipped with tire inflator kits may fail to conform to certain requirements of S5.6 of Federal Motor Vehicle Safety Standard (FMVSS) No. 301, "Fuel system integrity" and S5.6 of Technical Standards Document (TSD) No. 301 of Canada Motor Vehicle Safety Standard (CMVSS) No. 301. While GM has not identified any field reports of fuel leaks involving these vehicles, GM's internal testing indicates that these vehicles may release more fuel than is permissible under S5.6 of FMVSS 301 and S5.6 of TSD No. 301 of CMVSS 301 under the test conditions for an offset rear-impact followed by a static rollover. The vapor pressure sensor (VPS) attached to the fuel tank in these vehicles may contact the rear floor panel in a severe rear-impact crash. Under certain conditions in a rollover following a severe rear-impact crash, if fuel were to leak from the vehicle, it would increase the risk of fire or injury.
Correction	Dealers will install a lock-ring on the fuel tank that shields the VPS.

Parts

Quantity	Part Name	Part No.
1	Fuel Sender Cam (Helmet Style)	22738433

Parts Pre-Ship Information – For US and Canada

Important: An initial supply of part 22738433 required to complete this recall will be pre-shipped to involved dealers of record. This pre-shipment is scheduled to begin and conclude the week of May 28, 2018. Pre-shipped parts will be charged to dealer's open parts account. All orders placed prior to the pre-ship will be cancelled. A quantity limiter may be in effect.

Due to limited initial parts availability, dealers are encouraged not to order these parts for use as shelf stock.

Note: Use the VIN and the GM Electronic Parts Catalog (EPC) to determine which Fuel Sender O-Ring to order if the technician determines replacement is necessary.

Reminder: Parts may be removed from Retail Inventory Management (RIM). Dealers should review the affected parts to confirm RIM managed status.

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Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9103835	Inspect fuel tank – No Further Action Required	0.2	ZFAT	N/A
9103867	Remove and Replace Fuel Sender Cam (includes inspection) ADD: Drain and Fill fuel	1.1 0.4	ZFAT	N/A
9103868	Floor Plan Reimbursement	N/A	ZFAT	*

Note: To avoid having to “H” route the floor plan transaction for approval, it must be submitted prior to the repair transaction.

*USA & Canada Only – For vehicles eligible for floor plan reimbursement, the amount should be submitted in Net Item/Miscellaneous. This amount should represent the product of the vehicle’s average daily interest rate (see table below) multiplied by the actual number of days the vehicle was in dealer inventory and not available for sale. This reimbursement is limited to the number of days from the date of the stop delivery message (May 10, 2018) to the date the repair is completed and the vehicle is ready for sale (not to exceed 20 days):

Vehicle	Reimbursement Amount	
	USA	Canada
2016 Chevrolet Cruze	\$3.52	\$2.90
2017 Chevrolet Cruze	\$3.36	\$2.91
2018 Chevrolet Cruze	\$3.32	\$2.98

Service Procedure

- Lift the vehicle. Refer to *Lifting and Jacking the Vehicle* in SI.



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- Inspect the fuel tank label (facing the rear of the vehicle) and verify the julian date of production.
 - (1) Must be 18 or higher
 - (2) Must be 124 or higher
 - For (3), see below:
 - If (2) is 125 or higher, (3) may be any number.
 - If (2) is 124, (3) must be higher than 1072.

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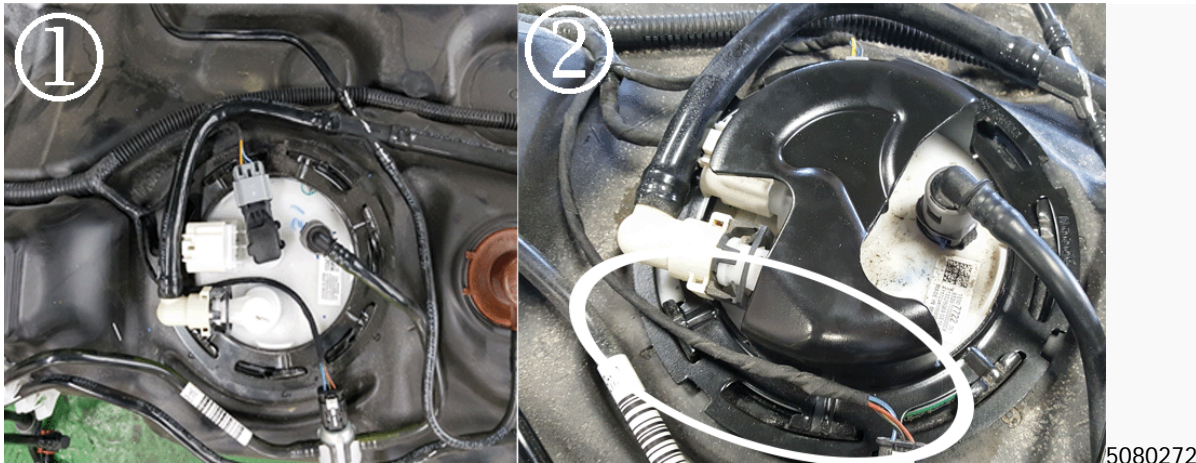
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- If the Julian date meets these criteria, no further action is required. If the Julian date does NOT meet **any** of these criteria, proceed to step 4.

Note: It is not necessary to fully drop the exhaust to remove the fuel tank. Remove the rubber hangars, but **do not** disconnect the front section of the exhaust. Support the hanging section as necessary to prevent damage.

- Remove the locking cam that secures the fuel tank fuel pump module. Refer to *Fuel Tank Fuel Pump Module Replacement* in SI.
 - Replace the fuel pump module O-ring **only if necessary**. Most vehicles should not require O-ring replacement unless you believe the O-ring was torn during the procedure or had debris fall between it and the sealing surface and you do not believe it will seal without replacement and cleaning. If you are not replacing the O-ring, do not unseat the fuel pump module from the tank. Refer to the EPC for O-Ring part number if replacement is necessary.



- Replace the locking cam (1) with the new style locking cam (2) with a helmet. Be sure to route the wire harness (circled) **exactly as shown** in 2, as the routing differs from 1.



NOTE: On certain vehicles, you may notice that the blue secondary latch indicated above is not installed on a fuel line. This is to design intent therefore do NOT replace the fuel line for this concern unless it is damaged or leaking.

- Reinstall the fuel tank and lower the vehicle.

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Dealer Responsibility – For USA & Export (USA States, Territories, and Possessions)

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

The US National Traffic and Motor Vehicle Safety Act provides that each vehicle that is subject to a recall of this type must be adequately repaired within a reasonable time after the customer has tendered it for repair. A failure to repair within sixty days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the customer may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation. To avoid having to provide these burdensome remedies, every effort must be made to promptly schedule an appointment with each customer and to repair their vehicle as soon as possible. In the recall notification letters, customers are told how to contact the US National Highway Traffic Safety Administration if the recall is not completed within a reasonable time.

Dealer Responsibility – All

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this recall must be held and inspected/repaired per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

Dealers are to service all vehicles subject to this recall at no charge to customers, regardless of mileage, age of vehicle, or ownership, from this time forward.

Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Recall follow-up cards should not be used for this purpose, since the customer may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this recall enters your vehicle inventory, or is in your dealership for service in the future, you must take the steps necessary to be sure the recall correction has been made before selling or releasing the vehicle.

Dealer Reports

For dealers with involved vehicles, a listing with involved vehicles has been prepared and will be provided to U.S. and Canadian dealers through the GM GlobalConnect Recall Reports, or sent directly to export dealers. The listing may contain customer names and addresses obtained from Motor Vehicle Registration Records. The use of such motor vehicle registration data for any purpose other than follow-up necessary to complete this recall is a violation of law in several states/provinces/countries. Accordingly, you are urged to limit the use of this report to the follow-up necessary to complete this recall.

Courtesy Transportation – For USA & Canada

Courtesy transportation is available for customers whose vehicles are involved in a product program and still within the warranty coverage period. See General Motors Service Policies and Procedures Manual, Sections 1.4 and 6.1.10, for courtesy transportation program details.

Customer Notification

USA & Canada - General Motors will notify customers of this recall on their vehicle (see copy of customer letter included with this bulletin).

Export - Letters will be sent to known owners of record located within areas covered by the US National Traffic and Motor Vehicle Safety Act. For owners outside these areas, dealers should notify customers using the attached sample letter.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the tools, equipment, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your dealer for information on whether your vehicle may benefit from the information.



**We Support
Voluntary Technician
Certification**



IMPORTANT SAFETY RECALL

June 2018

This notice applies to your vehicle, VIN: _____

Dear General Motors Customer:

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

General Motors has decided that certain 2016-2018 model year Chevrolet Cruze LS gasoline-engine sedans equipped with tire inflator kits may fail to conform to certain requirements of S5.6 of Federal Motor Vehicle Safety Standard (FMVSS) No. 301, "Fuel system integrity" and S5.6 of Technical Standards Document (TSD) No. 301 of Canada Motor Vehicle Safety Standard (CMVSS) No. 301. As a result, GM is conducting a recall. We apologize for this inconvenience. However, we are concerned about your safety and continued satisfaction with our products.

IMPORTANT

- Your vehicle is involved in GM safety recall 18159.
- Schedule an appointment with your GM dealer.
- This service will be performed for you at **no charge**.

Why is your vehicle being recalled?

GM's internal testing indicates that these vehicles could release more fuel than is permissible under S5.6 of FMVSS 301 under the test conditions for an offset rear-impact followed by a static rollover. If fuel were to leak from the vehicle following a rear-impact crash and a static rollover, it could increase the risk of fire or injury.

What will we do?

Your GM dealer will install a lock-ring on the fuel tank that shields the part of the tank that can contribute to a leak condition. This service will be performed for you at **no charge**. Because of service scheduling requirements, it is likely that your dealer will need your vehicle longer than the actual service correction time of approximately one hour and 45 minutes.

What should you do?

You should contact your GM dealer to arrange a service appointment as soon as possible.

If possible, it's preferred that the vehicle be brought in for service with the fuel tank level at or below ¼ of a tank. The fuel tank will be emptied and removed from the vehicle as part of this repair. A low initial fuel level greatly aids the technician performing the repair and will reduce the amount of total time required.

Do you have questions?

If you have questions or concerns that your dealer is unable to resolve, please contact the appropriate Customer Assistance Center at the number listed below.

Division	Number	Text Telephones (TTY)
Chevrolet	1-800-630-2438	1-800-833-2438
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	

If after contacting your dealer and the Customer Assistance Center, you are still not satisfied we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1.888.327.4236 (TTY 1.800.424.9153), or go to <http://www.safercar.gov>. The National Highway Traffic Safety Administration Campaign ID Number for this recall is 18V304.

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

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Maryann L. Combs
Vice President
Global Vehicle Safety

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