

# Customer Satisfaction Program

## 18176 Engine Control Module (ECM) Integrity Fault Not Recognized by Transmission Range Control Module (TRCM)



Reference Number: N182154840

Release Date: May 2018

Revision: 00

**Attention:** This program is in effect until June 30, 2020.

Make	Model	Model Year		RPO	Description
		From	To		
GMC	Terrain	2018	2018	LH7	Engine-Diesel, 1.6L

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.

<b>Condition</b>	Certain 2018 model year GMC Terrain vehicles, equipped with the 1.6L diesel engine (RPO LH7), may have a condition where if the engine control module software experiences an internal integrity fault and the transmission may not shift as designed.
<b>Correction</b>	Reprogram the engine control module.

### Parts

No parts are required for this repair.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9103698*	Engine Control Module (ECM) Reprogramming with SPS	0.3	ZFAT	N/A
9103880**	Module Programming Not Required	0.2	ZFAT	N/A

\* To avoid warranty transaction rejections, the SPS Warranty Claim Code must be entered when submitting this transaction. Note that if multiple modules are reprogrammed, all claim codes must be entered with a comma separating each code.

\*\* SPS Warranty Claim Code is NOT required when submitting this transaction.

### Service Procedure

**Note:** Carefully read and follow the instructions below.

- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. When required install the *EL-49642* SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12V jumper or booster pack disconnected from the AC voltage supply. **DO NOT** connect a battery charger.
- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

**Caution:** If the Same Calibration/Software Warning is noted on the SPS Controller screen, do NOT attempt to program the module. No further action is required. Refer to the Warranty section of the bulletin and use labor operation code 9103880, Module Programming Not Required.

1. Reprogram the Engine Control Module (ECM). Refer to K20 Engine Control Module: Programming and Setup in SI.
2. Record SPS Warranty Claim Code on job card for warranty transaction submission.

### Dealer Responsibility

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this program must be held and inspected/repared 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.

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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 program at no charge to customers, regardless of mileage, age of vehicle, or ownership, through June 30, 2020. Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the involved vehicle 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. Program 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 program enters your vehicle inventory, or is in your facility for service through June 30, 2020, you must take the steps necessary to be sure the program 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 program 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 program.

### 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 program 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.

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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**

## Customer Satisfaction Program

### 18176 Engine Control Module (ECM) Integrity Fault Not Recognized by Transmission Range Control Module (TRCM)



June 2018

This notice applies to your vehicle, **VIN:** \_\_\_\_\_

Dear General Motors Customer:

We have learned that your 2018 model year GMC Terrain may have a condition where if the engine control module software experiences an internal integrity fault, the transmission may not shift as designed.

Your satisfaction with your Terrain is very important to us, so we are announcing a program to prevent this condition or, if it has occurred, to fix it.

**What We Will Do:** Your GM dealer will reprogram the engine control module. This service will be performed for you at **no charge until June 30, 2020**. After that, any applicable warranty will apply.

**What You Should Do:** To limit any possible inconvenience, we recommend that you contact your dealer as soon as possible to schedule an appointment for this repair.

If you have any 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)
GMC	1-800-462-8782	1-800-889-2438
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	

We sincerely regret any inconvenience or concern that this situation may cause you. We want you to know that we will do our best, throughout your ownership experience, to ensure that your GMC Terrain provides you many miles of enjoyable driving.

Neelie O'Connor  
Executive Director  
North America Contact Center Operations

18176

GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS4760  
URGENT - DISTRIBUTE IMMEDIATELY

Date: May 24, 2018

Subject: 18176 - Customer Satisfaction Program  
Engine Control Module (ECM) Integrity Fault Not Recognized by  
Transmission Range Control Module (TRCM)

Models: 2018 GMC Terrain Equipped with 1.6L Diesel Engine (RPO LH7)

To: All General Motors Dealers

General Motors is releasing Customer Satisfaction Program 18176 today. The total number of U.S. vehicles involved is approximately 4,824. Please see the attached bulletin for details.

**Customer Letter Mailing**

The customer letter mailing will begin on June 8, 2018.

**Global Warranty Management (GWM)**

The Investigate Vehicle History (IVH) screen in the GWM system will be updated May 24, 2018. A list of involved vehicles is attached to this message. Please hold all warranty transactions until IVH has been updated.

END OF MESSAGE

GLOBAL SAFETY FIELD INVESTIGATIONS