

Service Update

17109 Rear Drive Module Excessive Torque



Reference Number: N162063380

Release Date: March 2017
Revision: 00

Attention: This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

Make	Model	Model Year		RPO	Description
		From	To		
Cadillac	XT5	2017	2017	F48	All-Wheel Drive
GMC	Acadia				

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	Certain 2017 model year Cadillac XT5 and GMC Acadia vehicles, equipped with all-wheel drive (RPO F48), may have a condition in which the rear differential carrier assembly could apply higher than commanded torque at high mileage. Excessive torque application on certain low traction surfaces could cause the rear propeller shaft to fracture during low-speed, wide open throttle acceleration. If this condition occurs a loud pop followed by a grinding noise may be heard and significant vibration may be felt.
Correction	Reprogram the rear differential clutch control module.

Parts

No parts are required for this repair.

Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9102908 *	Rear Differential Clutch Control Module Reprogramming with SPS	0.3	ZFAT	N/A

* To avoid warranty transaction rejections, the SPS Warranty Claim Code must be entered when submitting this transaction.

Service Procedure

Note: Carefully read and follow the instructions below.

- DO NOT attempt to order the calibration number from GM Customer Care and Aftersales. The calibration numbers required for this service procedure are programmed into control modules via a Multiple Diagnostic Interface (MDI) with the calibration update. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.
- DO NOT program a control module unless directed to by a service procedure or a service bulletin. If the control module is not properly configured with the correct calibration software, the control module will not control all of the vehicle features properly.
- 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 12 V 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.
- During the programming procedure, follow the SPS prompts for the correct ignition switch position.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

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- Refer to *Rear Differential Clutch Control Module Programming and Setup* for additional information on programming.
1. Reprogram the rear differential clutch control module. Refer to *Rear Differential Clutch Control Module Programming and Setup* in SI.
 2. Record SPS Warranty Claim Code on job card for warranty transaction submission.

Dealer Responsibility

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin 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.

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.



GLOBAL SAFETY FIELD INVESTIGATIONS
DCS4374
URGENT - DISTRIBUTE IMMEDIATELY

Date: March 10, 2017

Subject: 17109 - Service Update
Rear Drive Module Excessive Torque

Models: 2017 Cadillac XT5
2017 GMC Acadia
Equipped with All-Wheel Drive (RPO F48)

To: All General Motors Dealers

General Motors is releasing Service Update 17109 today. The total number of U.S. vehicles involved is approximately 38,554. Please see the attached bulletin for details.

Global Warranty Management (GWM)

The Investigate Vehicle History (IVH) screen in the GWM system will be updated March 11, 2017. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until the VIN appears in IVH.

END OF MESSAGE
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