



Service Bulletin

SB-10059104-2987

SERVICE UPDATE

SUBJECT: Service Update for Inventory and Customer Vehicles
Transfer Case Adapter Missing Lower Bolts
Expires with Base Warranty

MODELS: 2015 Chevrolet Colorado 4WD
2015 GMC Canyon 4WD
Equipped with 2.5L Engine (RPO LCV) and 6-Speed Automatic
Transmission (RPO MYB)

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.

PURPOSE

This bulletin provides a service procedure to install two bolts onto the transfer case adapter housing on **certain** 2015 model year Chevrolet Colorado 4WD and GMC Canyon 4WD vehicles equipped with a 2.5L engine (RPO LCV) and a 6-speed automatic transmission (RPO MYB). These vehicles may be missing two lower transfer case adapter bolts. This could cause increased vibration at vehicle speeds above 80 mph (128 km/h). CAE analysis shows that there will be increased stress levels to the transmission housing, bell housing, and adapter housing. If a vehicle with this condition also has a severely imbalanced driveline and is operated at high vehicle speeds for a long period of time, these increased stress levels could lead to cracks in the transmission housing, bell housing, and adapter housing. If cracks occur, the vehicle could leak transmission fluid. With enough fluid loss, the "Check Engine" light will illuminate. Additionally, if the adapter housing develops a circumferential crack, the vehicle could suddenly lose propulsion.

This service procedure should be completed as soon as possible on involved vehicles currently in dealer inventory and customer vehicles that return to the dealer for any type of service during the New Vehicle Limited Warranty coverage period.

VEHICLES INVOLVED

All involved vehicles are identified by VIN in the Global Warranty Management System – Investigate Vehicle History Application. Dealership technicians should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.

Additionally, a list of involved vehicles currently in dealer inventory is available on the "Service Update Bulletin Information" link under the "Service" tab in GM GlobalConnect (US) or attached to the GlobalConnect message (Canada) used to release this bulletin. Customer vehicles that

return for service, for any reason, and are still covered under the vehicle's base warranty should also be checked for vehicle eligibility.

PART INFORMATION

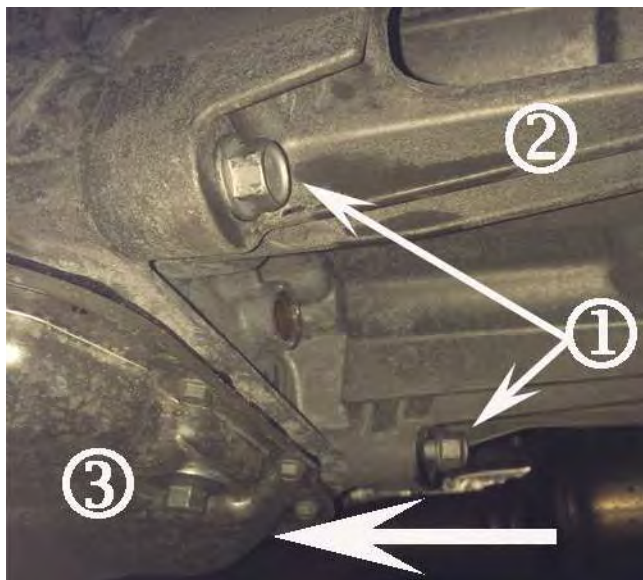
Parts required to complete this service update are to be obtained from General Motors Customer Care and Aftersales (GMCCA). Please refer to your "involved vehicles listing" before ordering parts. Normal orders should be placed on a DRO = Daily Replenishment Order. In an emergency situation, parts should be ordered on a CSO = Customer Special Order.

Important: Due to the small number of vehicles involved, dealers are encouraged not to order parts for use as shelf stock. Parts should only be ordered when inspection determines the two lower transfer case adapter bolts are missing.

| Part Number | Description | Quantity/Vehicle |
|-------------|-------------|------------------|
| 11546406 | BOLT/SCREW | 2 |

SERVICE PROCEDURE

1. Raise and support the vehicle. Refer to *Lifting and Jacking the Vehicle* in SI.



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Note: Confined area calls for a short socket.

Note: The adapter is bolted to the transmission with six fasteners inside the adapter housing. Threading in the two lower external bolts may meet with some resistance. If needed, gradually thread bolts in/out before final torquing to ensure complete seating of fasteners.

2. Install the two transfer case adapter lower bolts (1) through the adapter (2) and into the transmission (3).
3. Torque the bolts to **58 Nm (43 lb-ft)**.

WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below. All transactions should be submitted as a ZFAT transaction type, unless noted otherwise.

| Labor Code | Description | Labor Time |
|-------------------|-----------------------------------|-------------------|
| 9101413 | Install Transfer Case Lower Bolts | 0.2 |

DEALER PROGRAM 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.

