

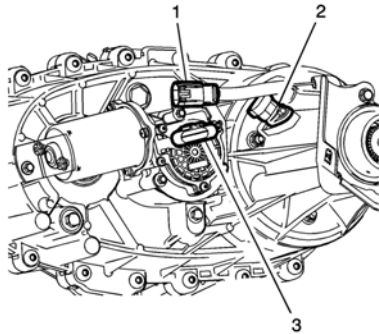
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

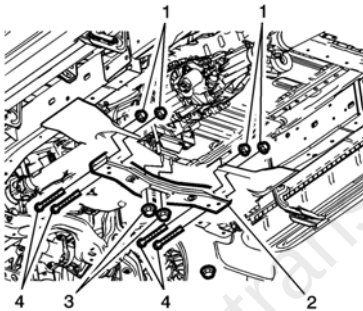
Fuel Delivery: | Fuel:

Removal Procedure

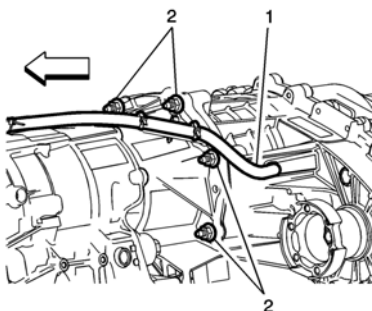
1. Remove the rear propeller shaft. Refer to One-Piece Propeller Shaft Replacement for one piece propeller shaft, or Two-Piece Rear Propeller Shaft Replacement for two piece propeller shaft.
2. Remove the front propeller shaft. Refer to Front Propeller Shaft Replacement.



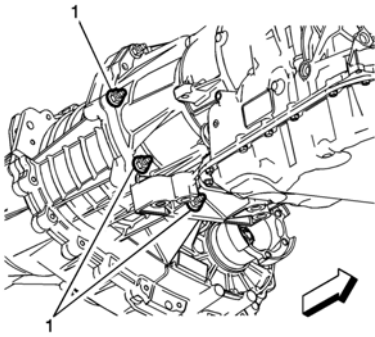
3. Disconnect the engine wiring harness electrical connectors from the following:
 - The clutch coil assembly (1)
 - The rear output shaft speed sensor (2)
 - The actuator motor (3)
- Position the Transmission wiring harness aside.



- Remove the transmission support crossmember (2). Refer to Transmission Support Crossmember Replacement.
- Remove the transmission mount. Refer to Transmission Mount Replacement for the 6L45/6L50/6L80/6L90 transmission or Transmission Rear Mount Replacement for the Eaton 5-speed transmission.
- Using a suitable transmission jack, support the transfer case.

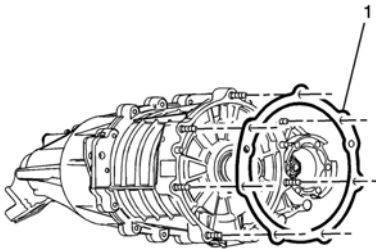


- Disconnect the vent hose (1) from the transfer case.
- Lower the transfer case to gain access to the top fasteners and remove the four left upper transfer case fasteners (2) from the transmission extension housing.

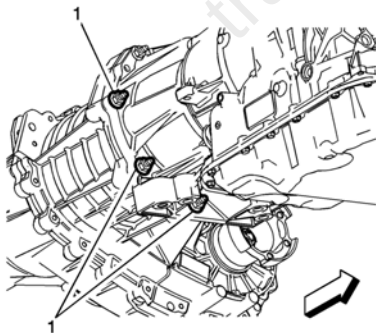


- Remove the three lower right side fasteners (1) from the transmission extension housing.
- Install the transmission mount. Refer to Transmission Mount Replacement for the 6L45/6L50/6L80/6L90 transmission or Transmission Rear Mount Replacement for the Eaton 5-speed transmission.
- To support the transmission assembly, install the transmission support crossmember. Refer to Transmission Support Crossmember Replacement.
- With the aid of an assistant, carefully lower the transfer case from the vehicle.

[Installation Procedure](#)

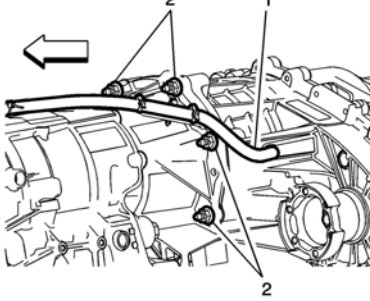


1. Install a New transfer case extension housing gasket (1) on the transfer case.
2. With the aid of an assistant, carefully raise the transfer case to the transfer case extension housing, aligning the splines.
3. Install the 7 nuts on the transmission extension housing hand tight.
4. Remove the transmission support crossmember. Refer to Transmission Support Crossmember Replacement.
5. To gain access to the lower fastener, remove the transmission mount. Refer to Transmission Mount Replacement for the 6L45/6L50/6L80/6L90 transmission or Transmission Rear Mount Replacement for the Eaton 5-speed transmission.

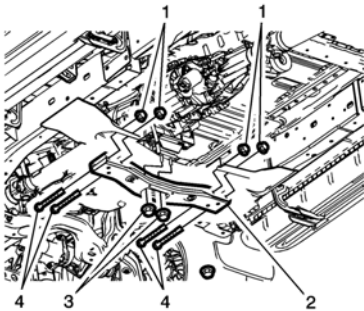


Caution: Refer to Fastener Caution.

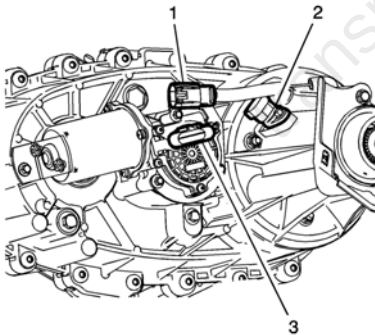
6. Install the three lower right side fasteners (1) on the transmission extension housing and tighten to **50 Y (37 lb ft)**.



7. Install the four left upper transfer case fasteners (2) on the transmission extension housing and tighten to **50 Y (37 lb ft)**.
8. Connect the vent hose (1) from the transfer case.



9. Install the transmission mount. Refer to Transmission Mount Replacement for the 6L45/6L50/6L80/6L90 transmission or Transmission Rear Mount Replacement for the Eaton 5-speed transmission.
10. Install the transmission support crossmember (2). Refer to Transmission Support Crossmember Replacement.
11. Position the transmission wiring harness (3) to the transfer case assembly.



12. Connect the engine wiring harness electrical connectors to the following:

- The clutch coil assembly (1)
- The rear output shaft speed sensor (2)
- The actuator motor (3)
- Install the front propeller shaft. Refer to Front Propeller Shaft Replacement.
- Install the rear propeller shaft. Refer to One-Piece Propeller Shaft Replacement for one piece propeller shaft, or Two-Piece Rear Propeller Shaft Replacement for two piece propeller shaft.
- Fill the transfer case with fluid, if previously drained or lost from component replacement. Refer to Approximate Fluid Capacities.