

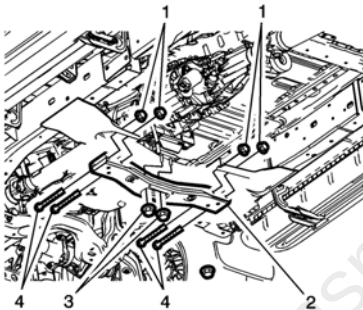
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

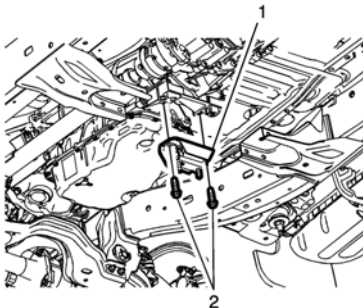
Removal Procedure

1. Disconnect the negative battery cable. Refer to Battery Negative Cable Disconnection and Connection.
2. Install the engine support fixture. Refer to the appropriate procedure:

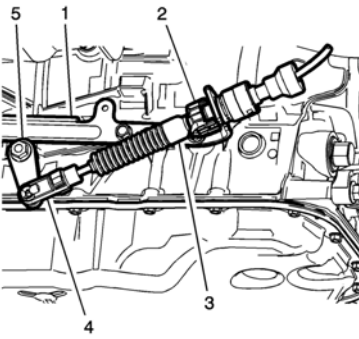
- Engine Support Fixture for the 2.4L engine
- Engine Support Fixture for the 2.5L or 2.8L engine
- Engine Support Fixture for the 3.6L engine
- Remove the starter motor. Refer to Starter Replacement.
- Remove the engine protection shield. Refer to Engine Protection Shield Replacement.
- Remove the crankshaft position sensor. Refer to Crankshaft Position Sensor Replacement.
- Remove the oxidation catalytic converter. Refer to Oxidation Catalytic Converter Replacement.
- Mark the position of the flywheel to the torque converter.
- Remove the six flywheel to torque converter bolts.
- On 4 wheel drive vehicles, remove the transfer case. Refer to Transfer Case Replacement.
- On 2 wheel drive vehicles, remove the rear propeller shaft. Refer to One-Piece Propeller Shaft Replacement.
- Support the transmission with a transmission jack.



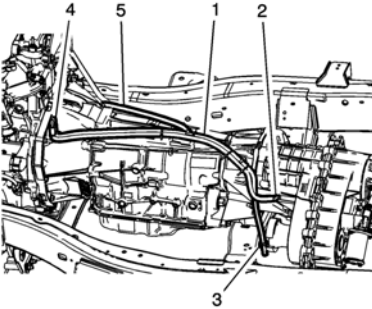
- Remove the transmission crossmember (2). Refer to Transmission Support Crossmember Replacement.



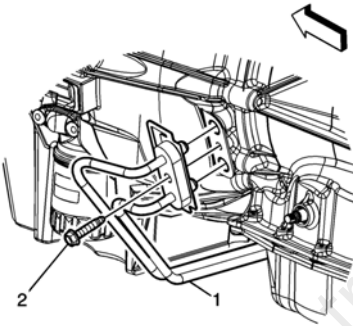
- Remove the transmission mount (1). Refer to Transmission Mount Replacement.



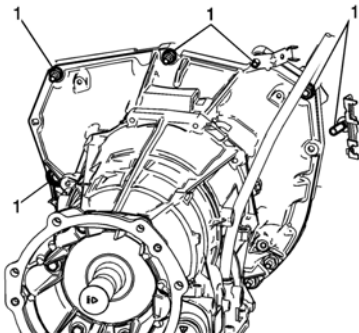
- Remove the range selector cable (3) from the transmission. Refer to Range Selector Lever Cable Replacement.



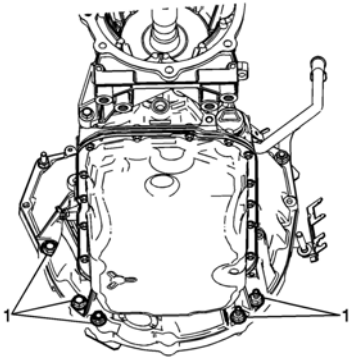
- Remove the transmission vent hose (1). Refer to Transfer Case Vent Hose Replacement.
- Disconnect the transmission electrical connector from the transmission.
- Remove the wire harness from the transmission.



- Disconnect the transmission oil cooler lines (1) from the transmission. Refer to Transmission Fluid Cooler Inlet and Outlet Pipe Replacement.
- Plug the transmission oil cooler line connections in the transmission case.
- Lower the transmission to gain access to the top and sides of the transmission.



- Remove the 5 upper fasteners (1) securing the transmission to the engine.



- Remove the 5 lower fasteners (1) securing the transmission to the engine.

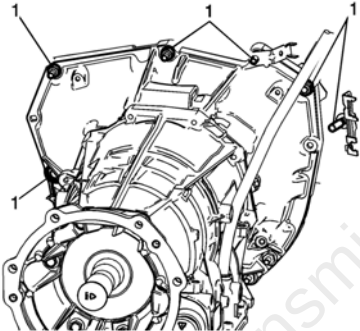
Note: Ensure that the torque converter stays seated in the transmission when pulling the transmission out.

- Pull the transmission straight back.
- Remove the transmission from the vehicle while simultaneously removing the fluid level indicator tube.
- Flush and flow test the transmission oil cooler and lines. Refer to Transmission Fluid Cooler Flushing and Flow Test.

Installation Procedure

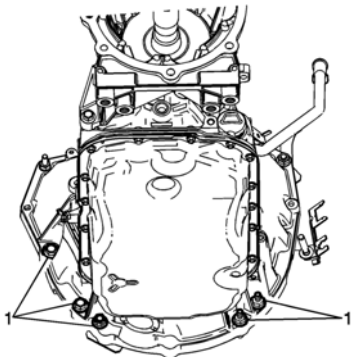
- Support the transmission with a transmission jack.
- Raise the transmission into place while simultaneously installing the fluid indicator tube.
- Slide the transmission straight onto the locating pins while lining up the marks on the flywheel and the torque converter.

The torque converter must rotate freely by hand.

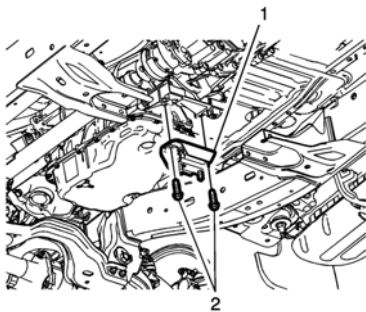


Caution: Refer to Fastener Caution.

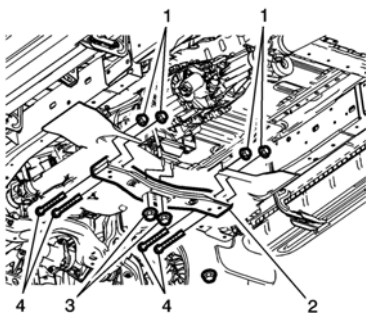
- Install the 5 upper bolts securing the transmission to the engine and tighten to **50 Y (37 lb ft)**.



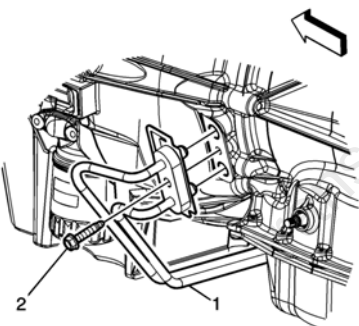
- Install the 5 lower bolts (1) securing the transmission to the engine and tighten to **50 Y (37 lb ft)**.
- If reusing the torque converter bolts, clean the bolt threads and apply LOCTITE 242, or equivalent, to the threads prior to installation.
- Install the flywheel to torque converter bolts and tighten to **63 Y (46 lb ft)**.



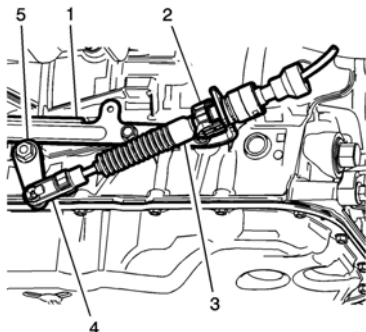
8. Install the transmission mount (1). Refer to Transmission Mount Replacement.



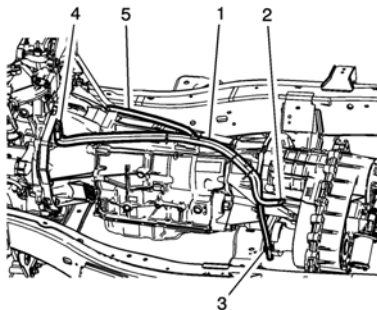
9. Install the transmission crossmember (2). Refer to Transmission Support Crossmember Replacement.
10. Install the crankshaft position sensor. Refer to Crankshaft Position Sensor Replacement.
11. Install the starter motor. Refer to Starter Replacement.



12. Connect the transmission oil cooler lines (1) to the transmission. Refer to Transmission Fluid Cooler Inlet and Outlet Pipe Replacement.



13. Install the range selector cable (3) to the transmission. Refer to Range Selector Lever Cable Replacement.
14. Install the wire harness to the transmission.
15. Connect the transmission electrical connector to the transmission.



16. Connect the transmission vent hose (1). Refer to Transfer Case Vent Hose Replacement.
17. Remove the transmission jack.
18. On 4 wheel drive vehicles, install the transfer case. Refer to Transfer Case Replacement.
19. On 2 wheel drive vehicles, install the rear propeller shaft. Refer to One-Piece Propeller Shaft Replacement.
20. Install the oxidation catalytic converter. Refer to Oxidation Catalytic Converter Replacement.
21. Install the engine protection shield. Refer to Engine Protection Shield Replacement.
22. Lower the vehicle.
23. Remove the engine support fixture.
24. Connect the negative battery cable. Refer to Battery Negative Cable Disconnection and Connection.
25. Fill the transmission to the proper level. Refer to Fluid Capacity Specifications.
26. If a NEW TCM has been installed into the vehicle, the NEW module needs to be reprogrammed. Refer to Service Programming System (SPS).

Note: The Service Fast Learn Adapts procedure must be performed when one of the following repairs have been made to the vehicle. Failure to perform the procedure after one of the following repairs may result in poor transmission performance, as well as transmission DTCs being set:

- Transmission internal service/overhaul
 - Valve body repair or replacement
 - Control solenoid valve assembly replacement
 - TCM software/calibration update
 - Any service in response to a shift quality concern
27. Perform the Reset Transmission Adapts. Refer to Reset Transmission Adapts.