

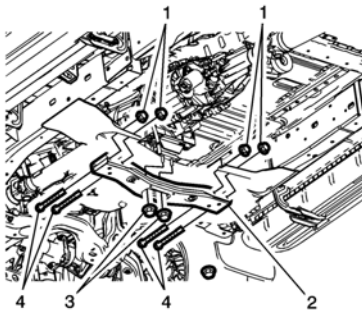
2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

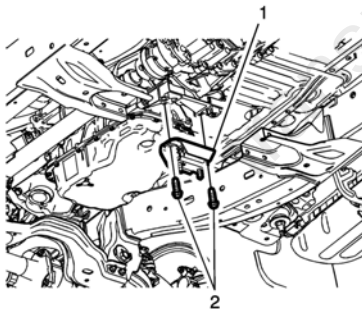
Fuel Delivery: | Fuel:

Removal Procedure

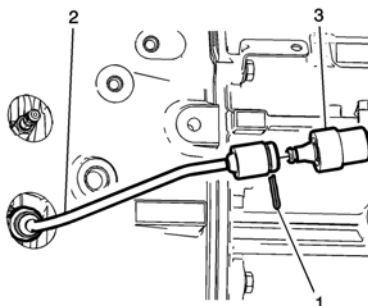
1. Disconnect the negative battery cable. Refer to Battery Negative Cable Disconnection and Connection.
2. Remove the transmission control lever. Refer to Transmission Control Lever Replacement.
3. Install the engine support fixture. Refer to the appropriate procedure:
 - Engine Support Fixture for the 2.4L engine
 - Engine Support Fixture for the 2.5L or 2.8L engine
 - Engine Support Fixture for the 3.6L engine
- Remove the exhaust pipe. Refer to Exhaust Pipe Replacement.
- Remove the crankshaft position sensor. Refer to Crankshaft Position Sensor Replacement.
- 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 Two-Piece Rear Propeller Shaft Replacement.
- Support the transmission with a transmission jack.



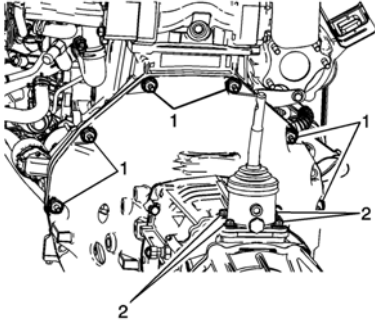
- Remove the transmission crossmember (2). Refer to Transmission Support Crossmember Replacement.



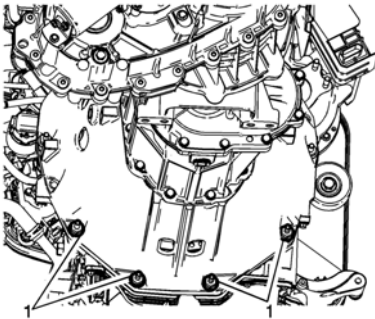
- Remove the transmission mount (1). Refer to Transmission Rear Mount Replacement.



- Remove the retaining clip (1) from the clutch actuator pipe (2).
- Disconnect the rear actuator pipe (3) from the front clutch actuator pipe (2).
- Remove the transmission vent tube. Refer to Transmission Vent Tube Replacement.
- Disconnect the transmission electrical connector from the transmission backup switch.
- Reposition the wire harness away from the transmission.
- Remove the air conditioning evaporator and blower module drain hose from the transmission clutch housing.
- Lower the transmission to gain access to the top and sides of the transmission and control lever housing fasteners.



- Remove the 4 fasteners (2) of the control lever housing.
- Remove the 6 upper fasteners (1) securing the transmission to the engine.

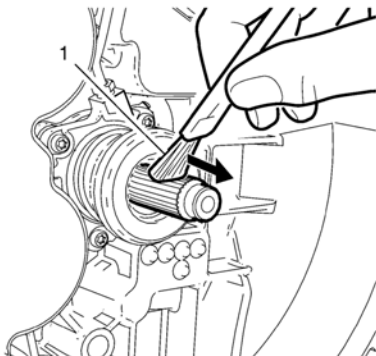


- Remove the 4 lower fasteners (1) securing the transmission to the engine.
- Pull the transmission straight back.

[Installation Procedure](#)

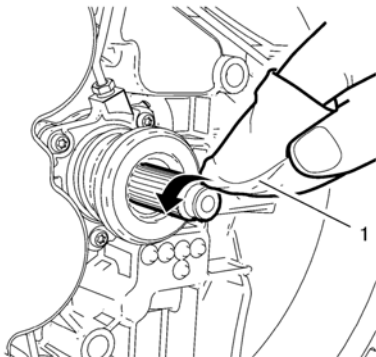
Warning: Use care when cleaning the clutch hub. The clutch hub may have sharp edges and can cause personal injury if contact is made. Wear protective gloves to avoid personal injury.

1. Clean the clutch hub and the input shaft from any debris and contaminants with a lint-free towel.



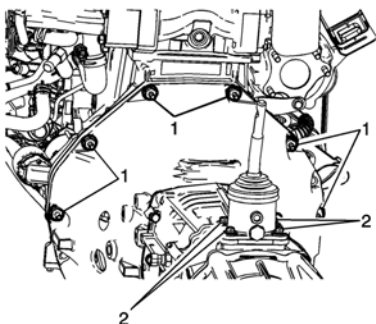
Caution: Applying too much or the wrong type of grease on the transmission input shaft may cause damage, clutch slippage or failure. Always apply the correct type of grease. Never apply more grease than is necessary to coat the transmission input shaft with a very thin film of grease.

2. Use a clean flat brush (1) to apply very light coating of multi-purpose grease to input shaft until the metal is only shiny . No visible clumps of grease are permissible regardless of size. Smear away from the transmission in direction of the shown arrow.



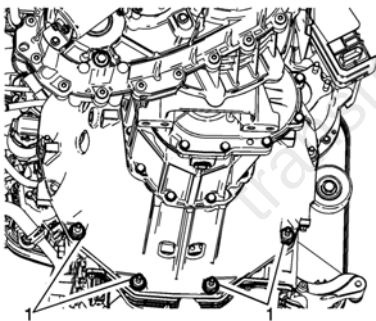
Caution: Ensure that no grease remains on the lead surface of the transmission input shaft. Clean the lead surface of the transmission input shaft prior to the assembly of the transmission to the engine. Failure to maintain a clean surface may cause clutch slippage or failure.

3. Clean the entire lead surface of the input shaft with a NEW, lint-free towel (1).
4. Raise the transmission into place.
5. Slide the transmission straight onto the locating pins.

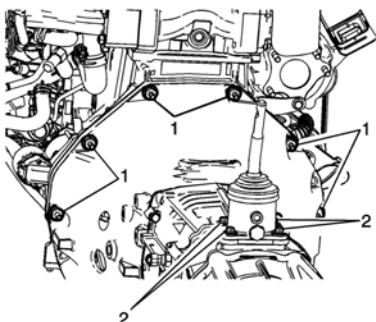


Caution: Refer to Fastener Caution.

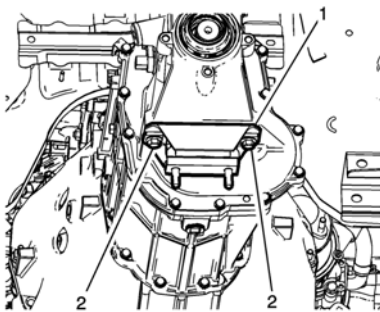
6. Install the 6 upper bolts (1) securing the transmission to the engine and tighten to **50 Y (37 lb ft)**.



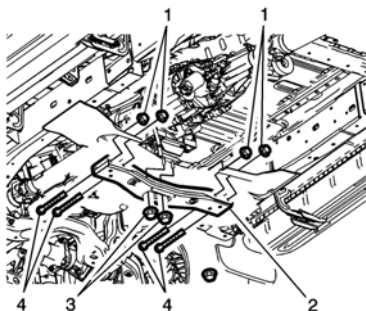
7. Install the 4 lower bolts (1) securing the transmission to the engine and tighten to **50 Y (37 lb ft)**.



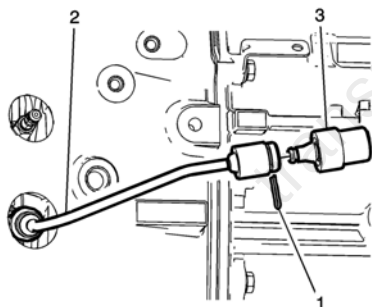
8. Install the transmission lever housing fasteners (2) and tighten to **18 Y (13 lb ft)**.



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



10. Install the transmission crossmember (2). Refer to Transmission Support Crossmember Replacement.
11. Install the air conditioning evaporator and blower module drain hose to the transmission clutch housing.
12. Install the wire harness to the transmission.
13. Connect the transmission electrical connectors to the transmission.



14. Connect the rear actuator pipe (3) to the front clutch actuator pipe (2).
15. Install the retaining clip (1) to the clutch actuator pipe (2).
16. Install the transmission vent tube. Refer to Transmission Vent Tube 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 Two-Piece Rear Propeller Shaft Replacement.
20. Install the crankshaft position sensor (1). Refer to Crankshaft Position Sensor Replacement.
21. Install the exhaust pipe. Refer to Exhaust Pipe Replacement.
22. Lower the vehicle.
23. Remove the engine support fixture.
24. Install the transmission control lever. Refer to Transmission Control Lever Replacement.
25. Connect the negative battery cable. Refer to Battery Negative Cable Disconnection and Connection.
26. Bleed the hydraulic clutch system. Refer to Hydraulic Clutch System Bleeding.