

Transmission

Material

Item	Specification
MERCON® V Automatic Transmission Fluid XT-5-QM (or XT-5-QMC) (US); CXT-5-LM12 (Canada)	MERCON® V
Premium Long-Life Grease XG-1-C or XG-1-K (US); CXG-1-C (Canada)	ESA-M1C75-B
Threadlock and Sealer TA-25	WSK-M2G351-A5

1. **NOTE:** Before installing the transmission, the input shaft must be cleaned and lubricated with a small amount of grease.

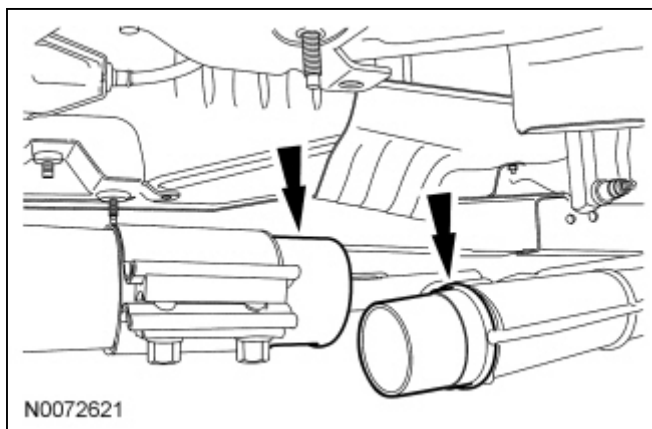
Position the transmission to the engine.

2. **NOTE:** Insert the clutch hydraulic tube into the clutch slave cylinder and install the clip before tightening the transmission-to-engine bolts.

Install the 8 transmission-to-engine bolts and the separator plate bolt.

- Tighten to 45 Nm (33 lb-ft).

3. Install a new exhaust coupler. Connect the intermediate pipe to the catalytic converter.
 - Tighten to 54 Nm (40 lb-ft).



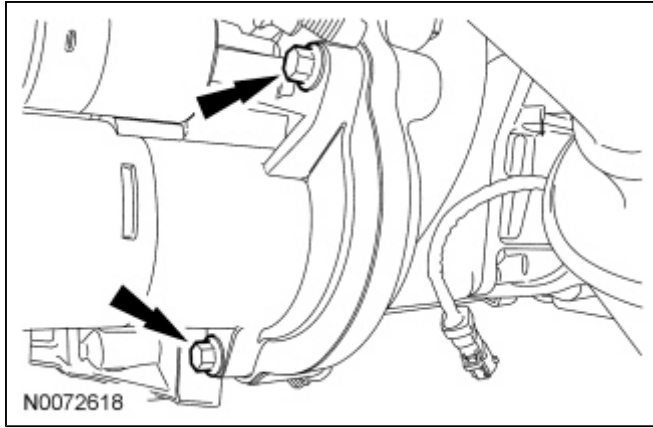
4. **NOTE:** The hump side on the crossmember goes down.

Install the transmission crossmember. For additional information, refer to [Section 502-00](#).

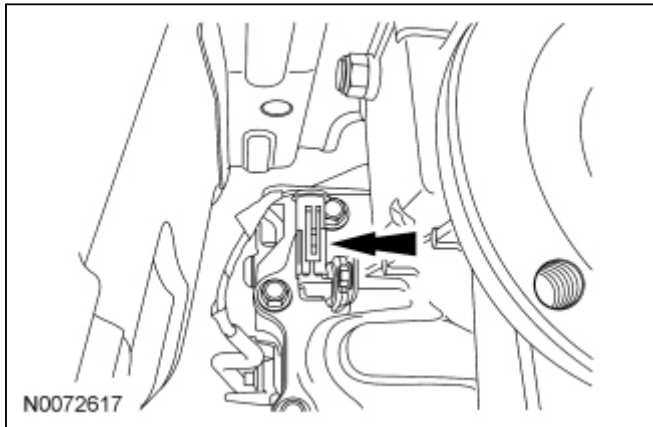
5. **NOTE:** Clean the starter motor mounting flange and mating surface of the starter motor to make sure of a proper ground connection.

Install the starter motor and the 2 starter motor bolts.

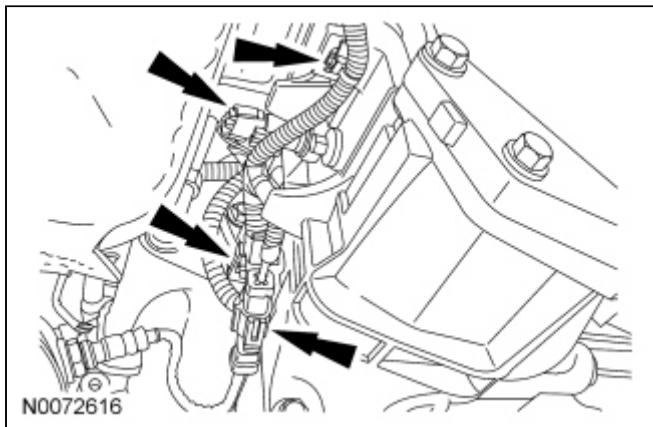
- Tighten to 25 Nm (18 lb-ft).



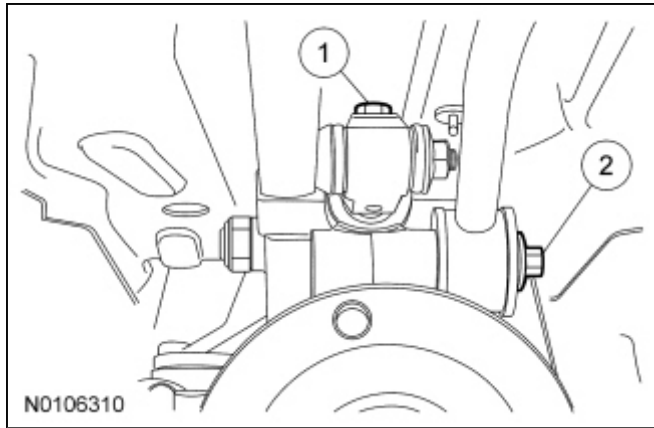
6. Connect the Output Shaft Speed (OSS) sensor electrical connector.



7. Connect the wiring harness to the transmission. Connect the following:
- Catalyst Monitor Sensor (CMS) electrical connector
 - Reverse lamp switch electrical connector
 - Wiring harness clips

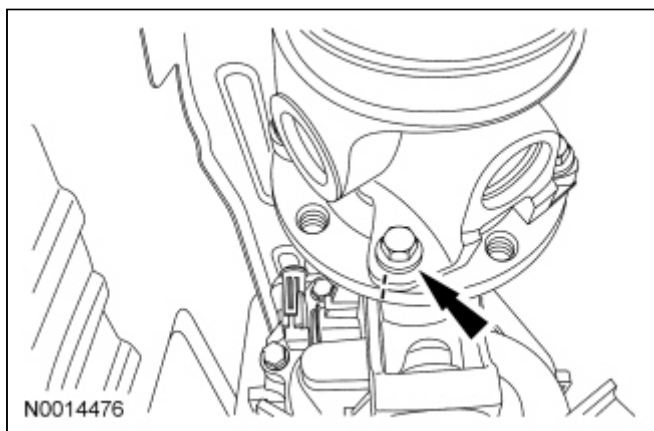


8. Connect the shift linkage to the transmission.
1. Tighten the gearshift lever bolt to 15 Nm (133 lb-in).
 2. Tighten the transmission shift linkage bolt to 40 Nm (30 lb-ft).



9. **NOTE:** Align the index marks made during removal.

Install the driveshaft. For additional information, refer to [Section 205-01](#).



10. Check, and as necessary, fill the transmission with transmission fluid. Apply threadlock and sealer to the fill plug threads and install the fill plug.
- Total fill capacity is 2.6L (2.8 pt).
 - Tighten to 18 Nm (159 lb-in).
11. Connect the battery ground cable. For additional information, refer to [Section 414-01](#).
12. Fill the brake and clutch reservoir. Bleed the clutch hydraulic system. For additional information, refer to [Section 308-00](#).
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