

IN-VEHICLE REPAIR

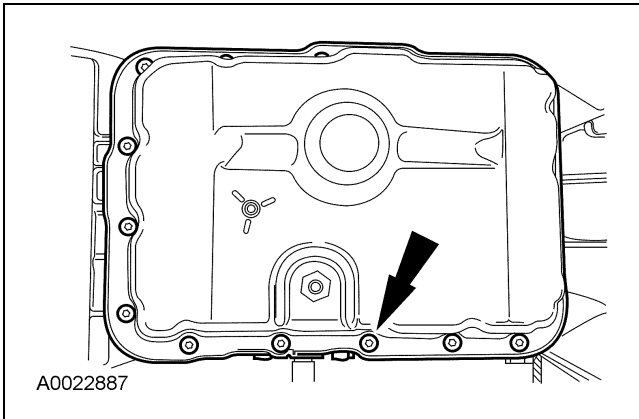
Solenoid Body Assembly

Material

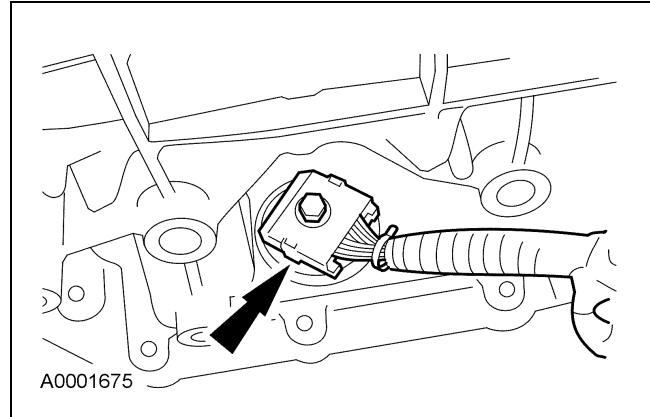
Item	Specification
MERCON® V Automatic Transmission Fluid XT-5-QM	MERCON® V

Removal

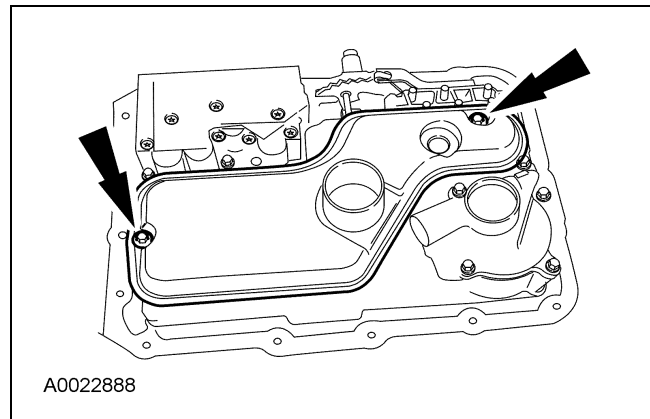
1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Section 100-02.
2. Remove the heated oxygen sensor connectors from the front of the transmission pan rail and disconnect the wire retaining clip from the right side of the transmission pan rail.
3. Remove the transmission fluid pan drain plug and drain the transmission.
4. Remove the transmission fluid pan screws, gasket and fluid pan.



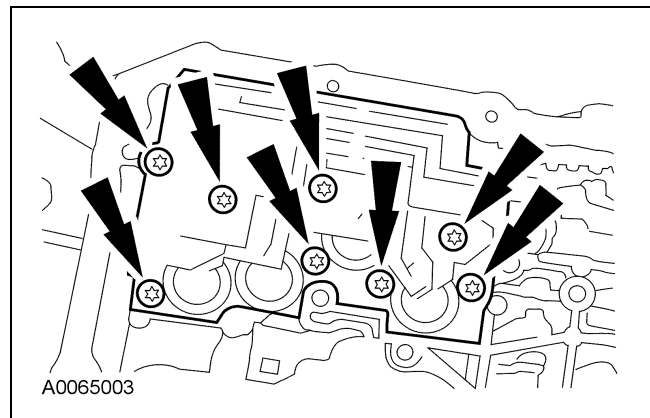
5. **NOTE:** Clean the area around the solenoid body connector to prevent contamination. Disconnect the solenoid body harness electrical connector.



6. Remove the screws and the transmission fluid filter.



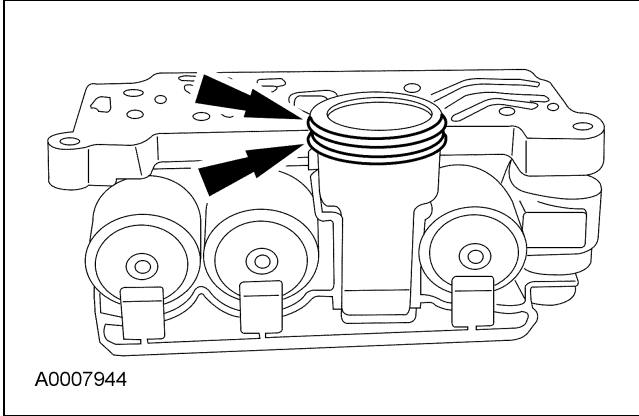
7. **⚠ CAUTION: Do not damage the solenoid body connector pins.**
Remove the solenoid body bolts and remove the solenoid body by lifting on the body and pushing the connector from the other side of the case.



IN-VEHICLE REPAIR (Continued)

Installation

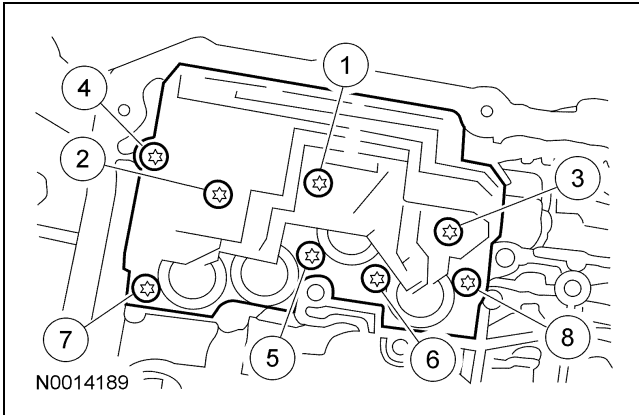
1. Install new O-ring seals on the solenoid body connector. Lubricate the O-ring seals with clean automatic transmission fluid.



2. **⚠ CAUTION: Inspect the transmission case bore to make sure it is free of foreign material and not damaged. If it is damaged, transmission leaks may occur.**

Install the solenoid body. Tighten the screws in the sequence shown.

- Tighten to 8 Nm (71 lb-in).

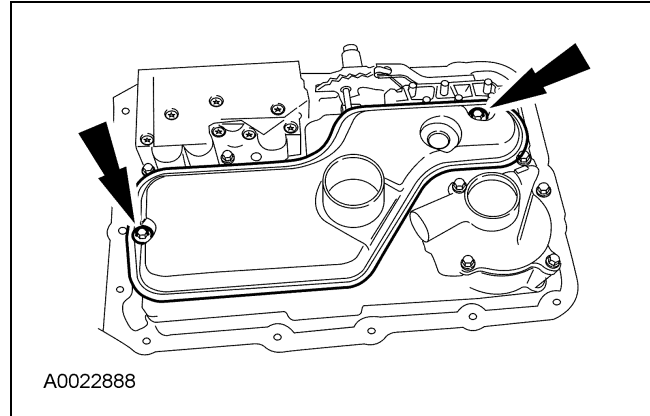


3. **⚠ CAUTION: Lubricate the fluid filter seals with clean automatic transmission fluid or they may be damaged.**

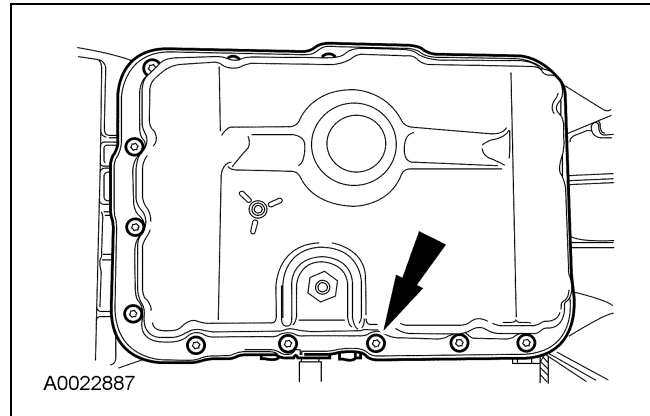
NOTE: Make sure the fluid filter seals are correctly seated on the filter.

Lubricate the seals and install the transmission fluid filter.

- Tighten to 10 Nm (89 lb-in).




4. Install the transmission fluid pan and gasket and loosely install the screws.



5. Tighten the screws in a crisscross pattern.
 - Tighten to 10 Nm (89 lb-in).

IN-VEHICLE REPAIR (Continued)

6.  **CAUTION: Damage will occur to the solenoid body assembly if the screw is tightened above specification.**

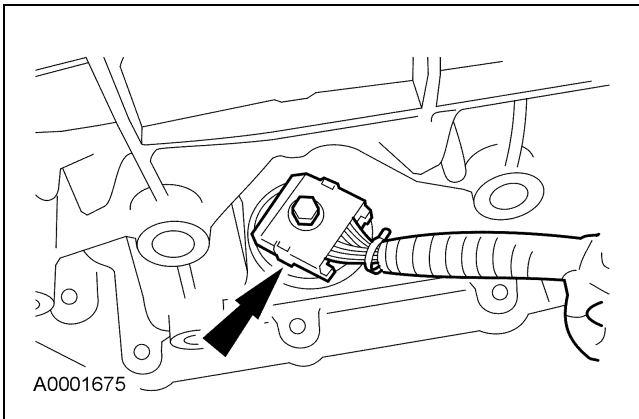
NOTE: Always install new O-ring seals on the vehicle harness connector.

NOTE: Clean the area around the connector to prevent contamination of the solenoid body connector.

NOTE: Use petroleum jelly to lubricate the O-ring seals to aid in the installation process.

Install and lubricate new O-ring seals on the transmission connector and connect the connector.

- Tighten to 5 Nm (44 lb-in).



7. Install the heated oxygen sensor connectors to the front of the transmission pan rail and connect the wire retaining clip to the right side of the transmission pan rail.

