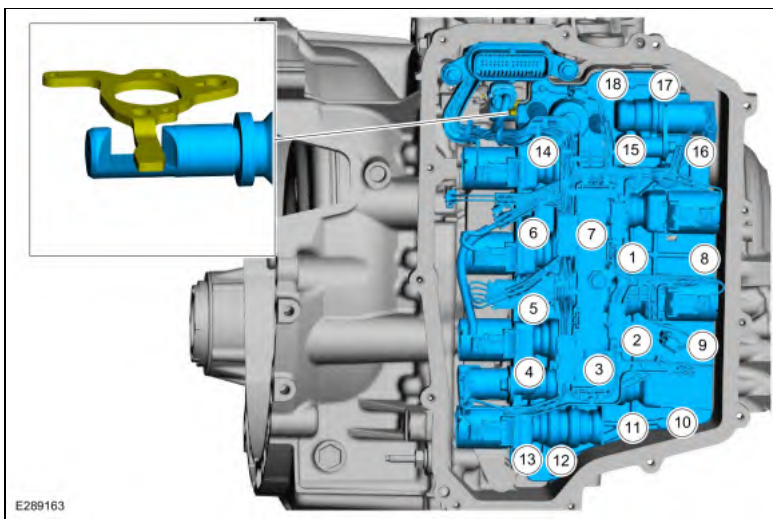
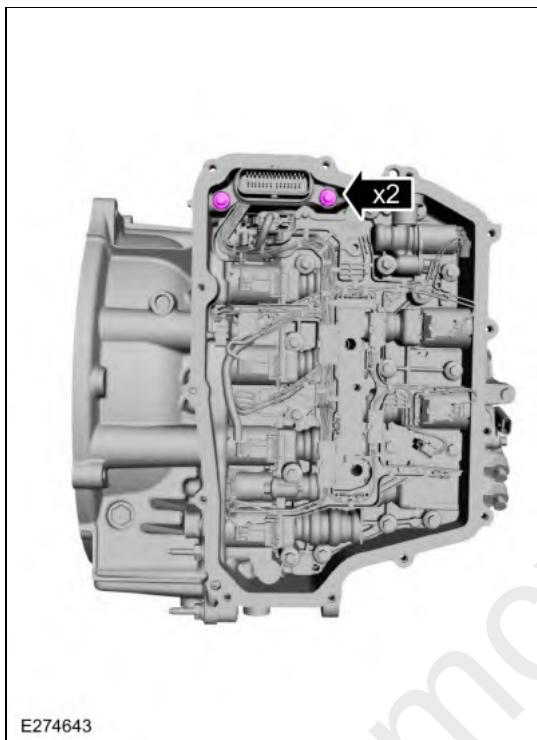
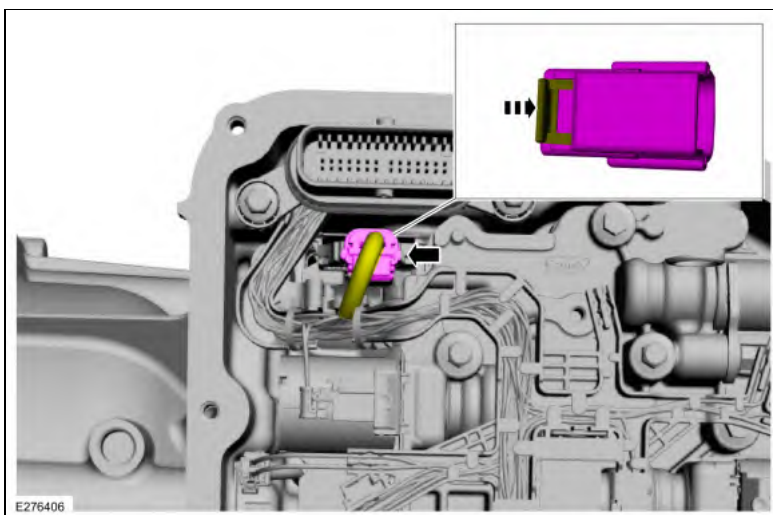




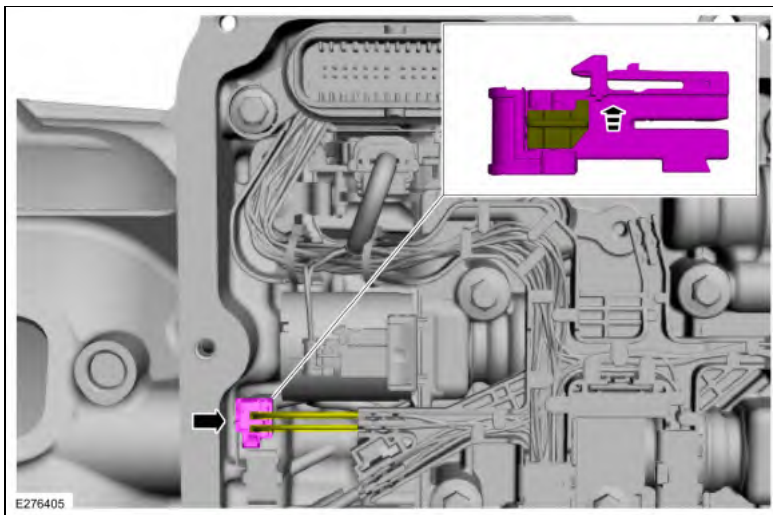
3. Install the wiring harness connector bolts.
Torque: 71 lb.in (8 Nm)



4. Connect and lock the TR sensor electrical connector.



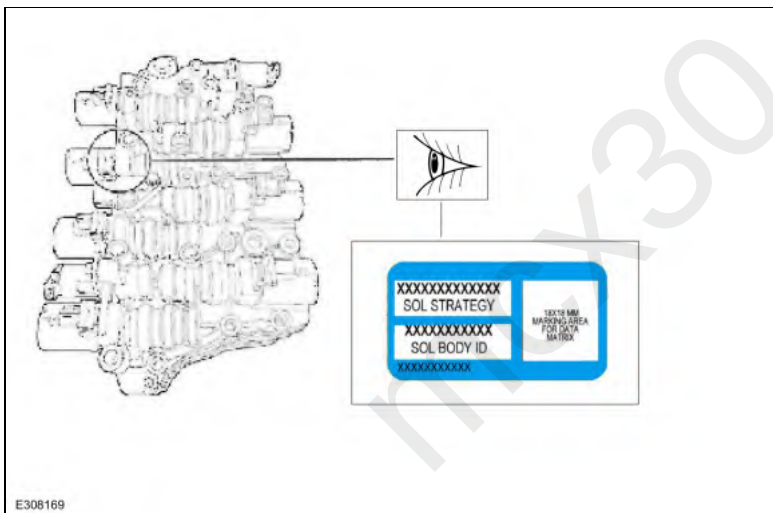
5. Connect and lock the OSS sensor electrical connector.



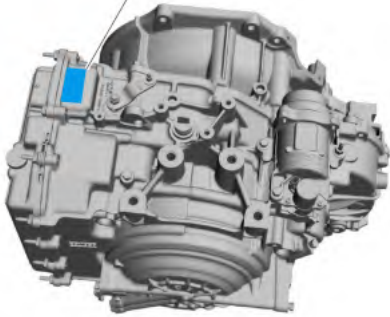
6. Install the main control cover.
Refer to: Main Control Cover - 2.0L EcoBoost (177kW/240PS) â€” MI4 (307-01B) .
Refer to: Main Control Cover - 1.5L EcoBoost (132kW/180PS) â€” I4 (307-01B) .
7. If a replacement transmission assembly is being installed or a new main control valve body is installed, the PCM must be reflashed with a new solenoid body strategy and identification data file.
Refer to: Transmission Strategy Download (307-01B Automatic Transmission - 8-Speed Automatic Transmission â€” 8F57, General Procedures).
8. **NOTE:** The 13-digit solenoid body strategy number displayed on the scan tool must match the solenoid body strategy number etched on the main control. If the numbers do not match, damage to the transmission or drivability concerns can occur.

NOTE: If the new main control was not supplied with a replacement solenoid strategy identification tag, **DO NOT INSTALL** the main control as all required programming information is missing.

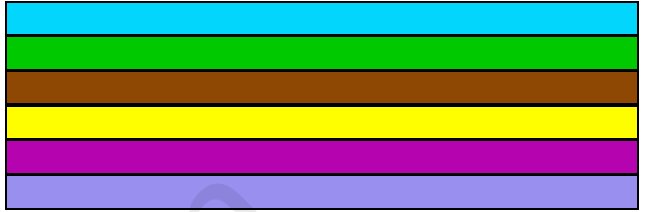
Verify the new main control software file solenoid strategy on the casting matches the new service solenoid body replacement tag.



9. If a new main control valve body is installed, install a new solenoid body identification tag.



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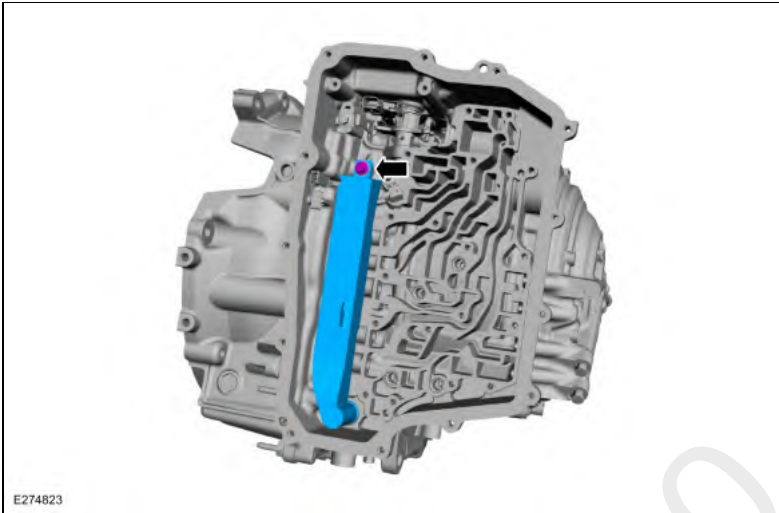
Output Shaft Speed (OSS) Sensor

Materials

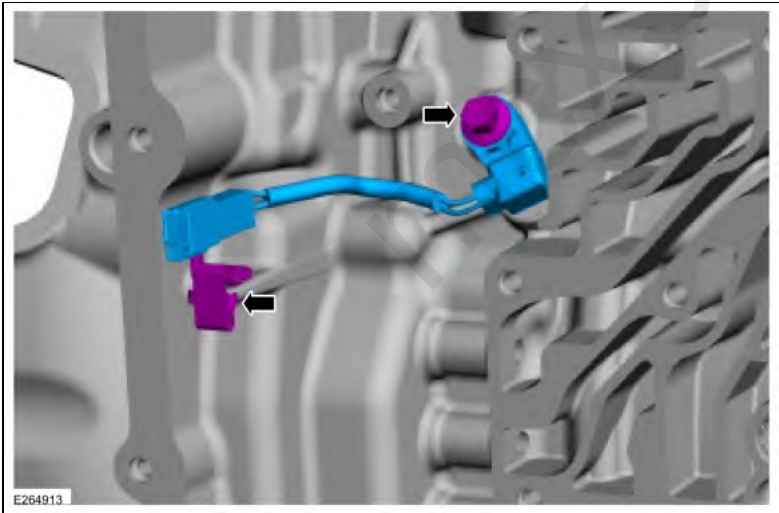
Name	Specification
Petroleum Jelly	-

Removal

1. Remove the main control valve body.
Refer to: Main Control Valve Body (307-01A Automatic Transmission - 8-Speed Automatic Transmission â€™ 8F35/8F40, Removal and Installation).
2. Remove the bolt and the fluid transfer pipe.

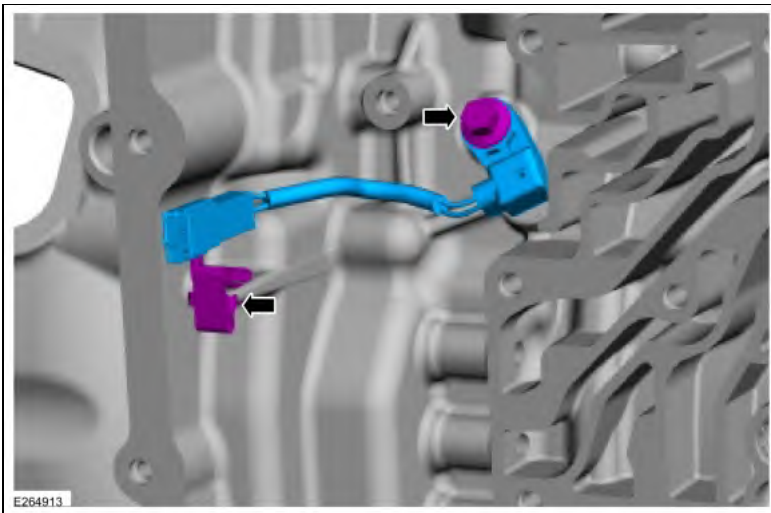


3. Remove the bolt, the wire harness clip and the OSS sensor.

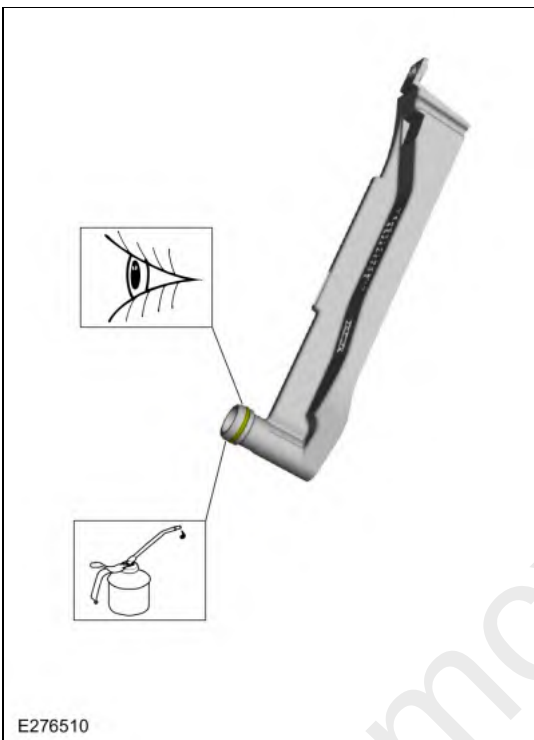


Installation

1. Install the OSS sensor, the bolt and the wire harness clip.
Torque: 97 lb.in (11 Nm)



2. Inspect the fluid transfer pipe seal for damage and replace if necessary. Lubricate the seal with petroleum jelly.
Material: Petroleum Jelly



3. Install the fluid transfer pipe and the bolt.
Torque: 97 lb.in (11 Nm)