

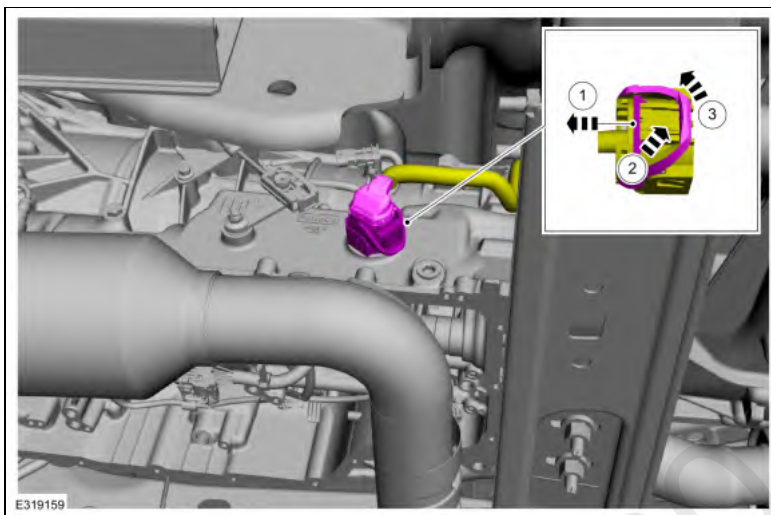
Transmission Internal Wiring Harness

Removal

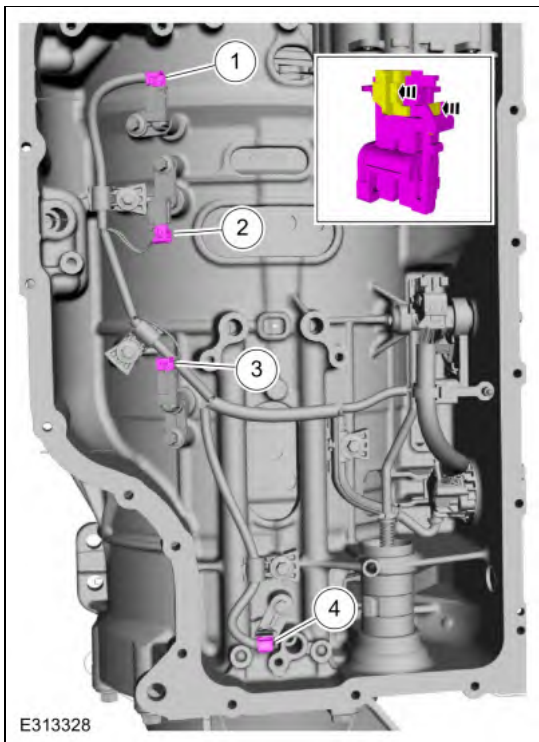
1. Remove the main control valve body.
Refer to: Main Control Valve Body (307-01B Automatic Transmission, Transfer Case and Power Transfer Unit - 10-Speed Automatic Transmission â€“ 10R140, Removal and Installation).
2. **NOTICE: Do not pull on the wire harness to disconnect/connect the connector or damage to the connector/wire harness will occur.**

Disconnect the electrical connector.

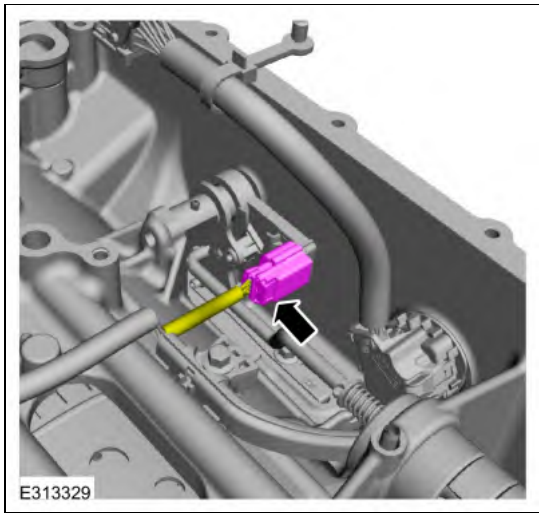
1. Slide the safety lock out.
2. Press the connector tab in.
3. Rotate the locking arm up and disconnect the transmission electrical connector.



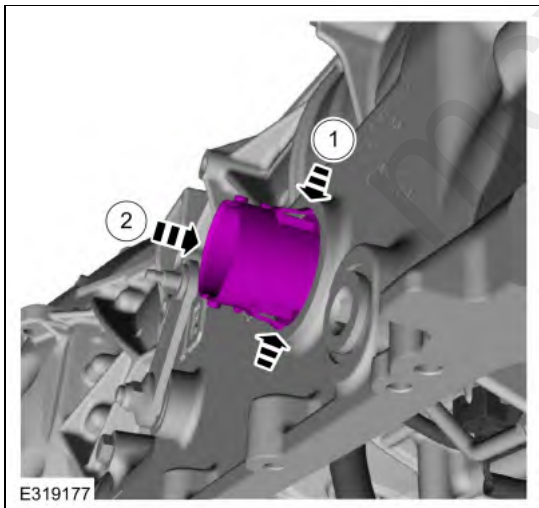
3. Unlock and disconnect the speed sensors.
 1. Intermediate Speed Sensor A (ISSA)
 2. TSS sensor
 3. Intermediate Speed Sensor B (ISSB)
 4. OSS sensor



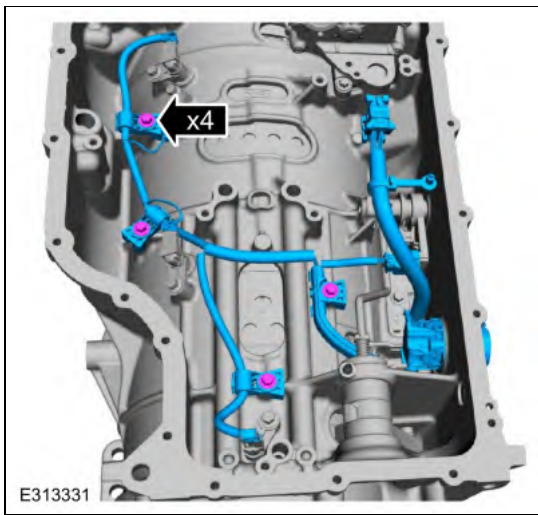
4. Disconnect the TR sensor electrical connector.



5. Disconnect the transmission internal wiring harness connector from the transmission case.
1. Compress the tabs on the transmission internal wiring harness connector.
 2. Push the connector through the case.



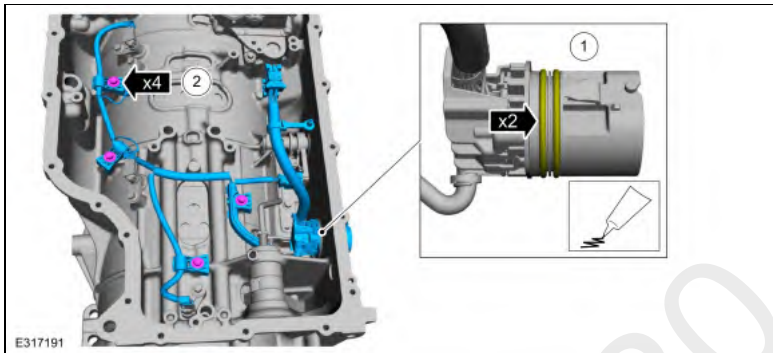
6. Remove the bolts and the transmission internal wiring harness.



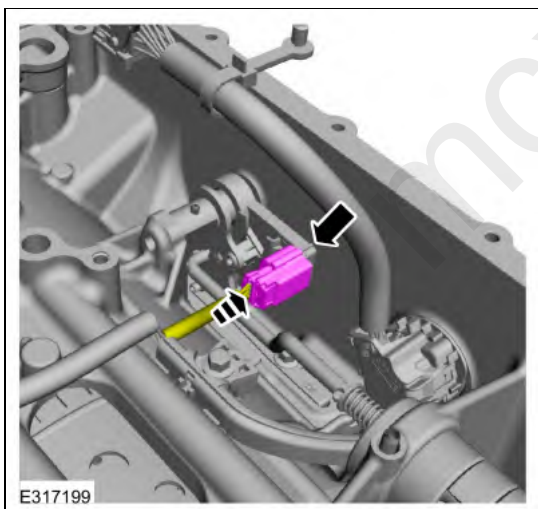
Installation

1. Install the transmission internal wiring harness.
 1. Lubricate the O-ring seals with petroleum jelly.
2. Install the bolts.

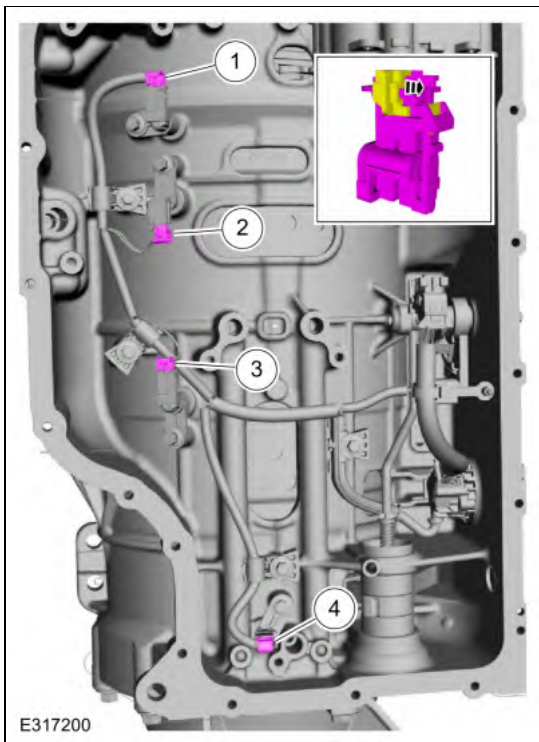
Torque: 62 lb.in (7 Nm)



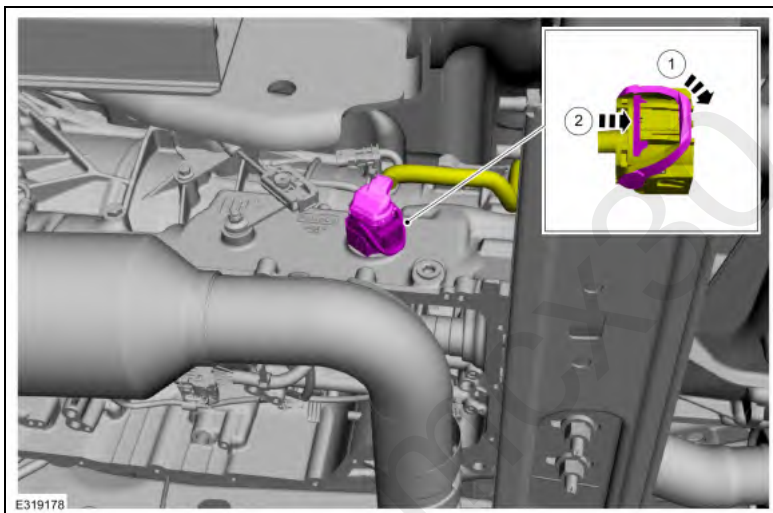
2. Support the opposite side of the TR sensor and connect the electrical connector.



3. Connect and lock the speed sensors.
 1. Intermediate Speed Sensor A (ISSA)
 2. TSS sensor
 3. Intermediate Speed Sensor B (ISSB)
 4. OSS sensor



- 4.
1. Rotate the locking arm down and connect the transmission electrical connector.
 2. Slide the safety lock in.



5. Install the main control valve body.
 Refer to: Main Control Valve Body (307-01B Automatic Transmission, Transfer Case and Power Transfer Unit - 10-Speed Automatic Transmission & 10R140, Removal and Installation).