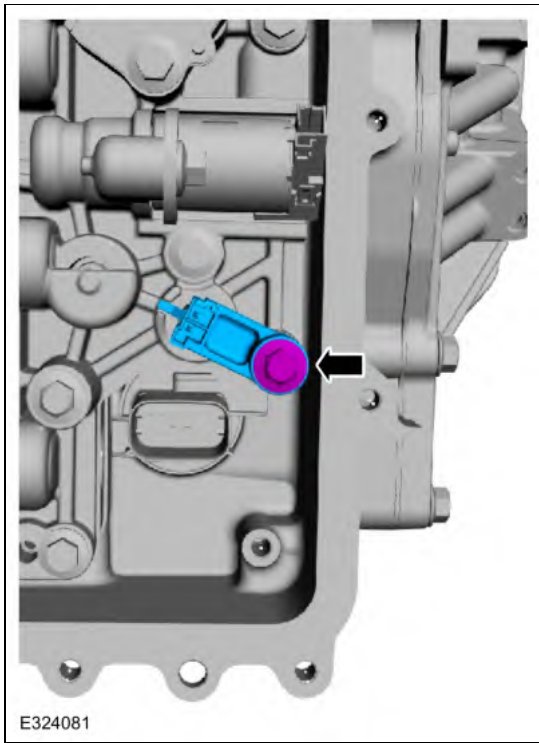


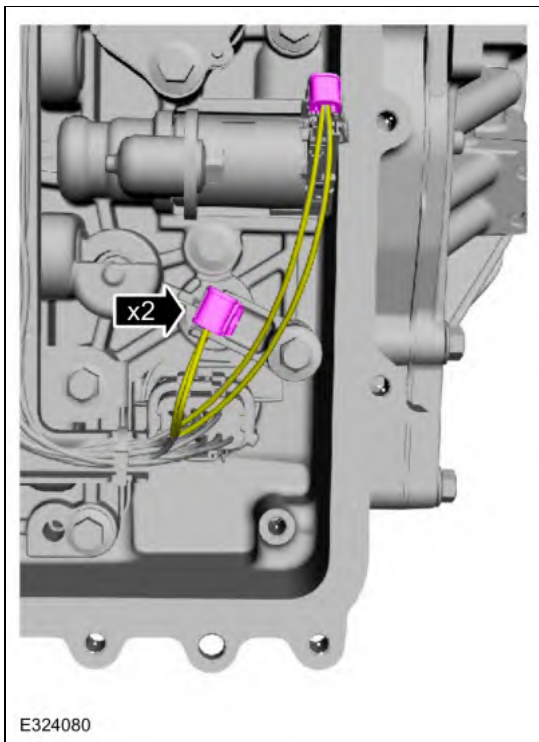
E283287



2. Install the TFT sensor and the bolt.
Torque: 89 lb.in (10 Nm)



3. Connect and lock the TFT sensor and the LPC solenoid electrical connector.



4. Install the main control cover.
Refer to: Main Control Cover (307-01B Automatic Transmission - 8-Speed Automatic Transmission 8F57, Removal and Installation).
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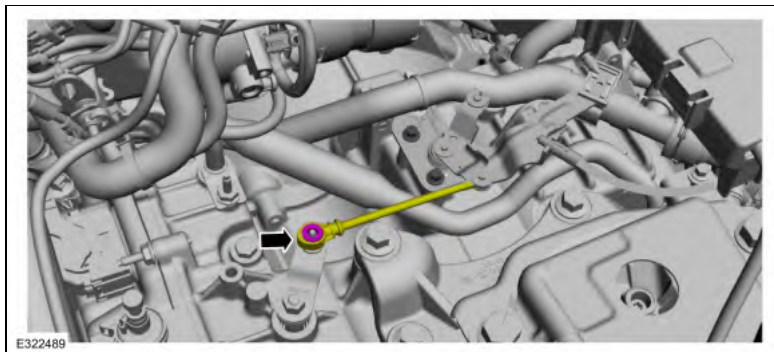
Transmission Range (TR) Sensor

Special Tool(s) / General Equipment

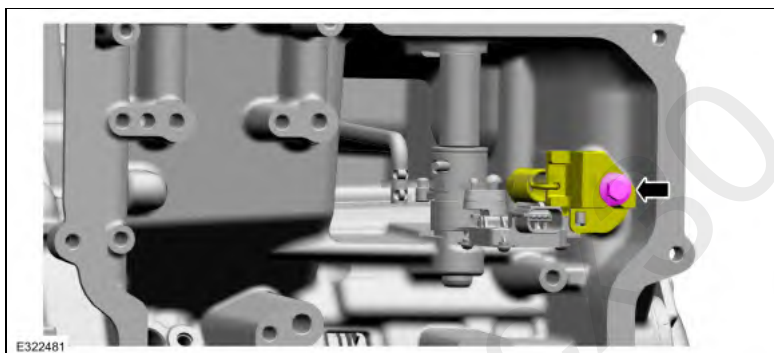
Punch

Removal

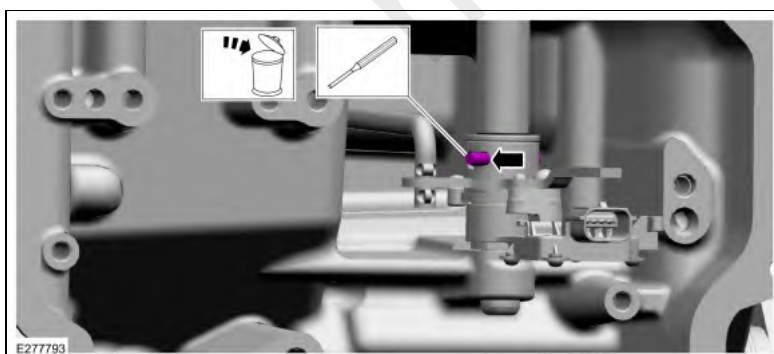
1. Remove the main control valve body.
Refer to: Main Control Cover (307-01B Automatic Transmission - 8-Speed Automatic Transmission â€” 8F57, Removal and Installation).
2. Disconnect the manual park release linkage.



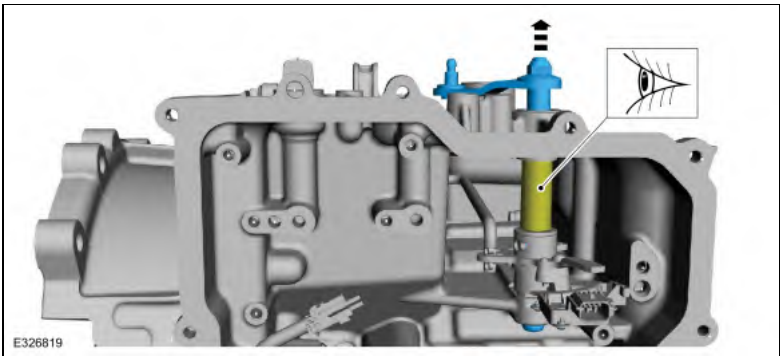
3. Remove the bolt and position aside the park-by-wire support bracket and spring.



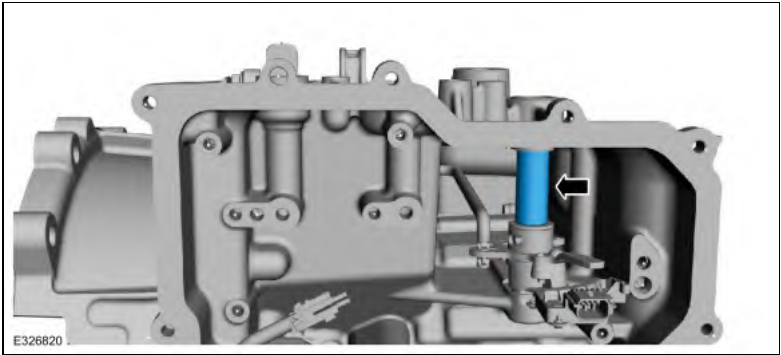
4. Remove and discard the TR sensor roll pin.
Use the General Equipment: Punch



5. **NOTE:** Make sure the manual control shaft sleeve does not fall into the transmission.
Remove the manual control shaft and lever.

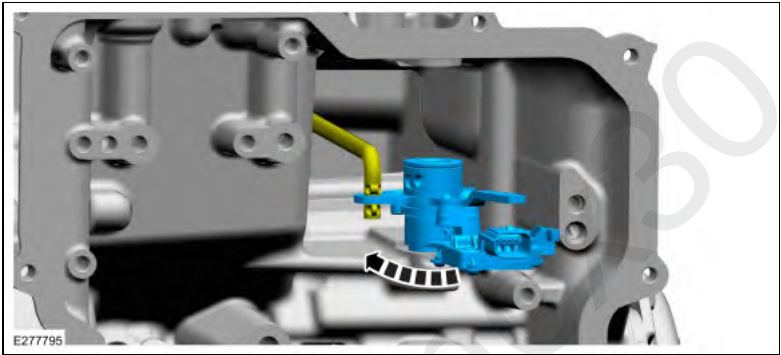


6. Remove the manual control shaft sleeve.



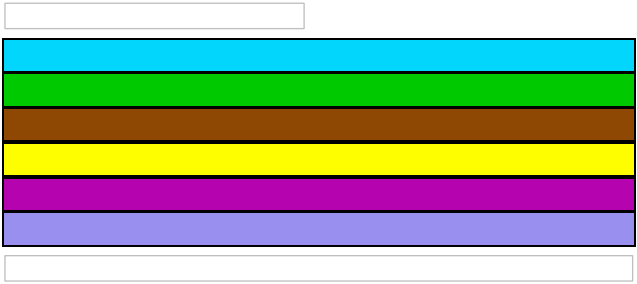
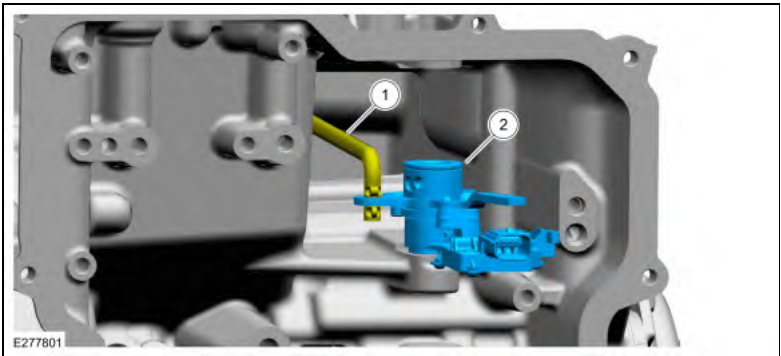
7. **NOTICE:** Do not allow the park pawl actuator rod to slide out of the transmission case too far or it can become disengaged from the park pawl. Transmission removal and disassembly is required to install the park pawl actuator rod on the park pawl.

Rotate the TR sensor detent plate clockwise, remove the park pawl actuating rod from the TR sensor and remove the TR sensor.



Installation

1.
 1. Position the park pawl actuating rod in the TR sensor.
 2. Position the TR sensor in the transmission case.



2. Install the manual control shaft sleeve.