

## CERTAIN 2017 MODEL YEAR F-250 VEHICLES WITH 6.2L AND 6R100 TRANSMISSION — TRANSMISSION PARK ROD ACTUATING PLATE

### OVERVIEW

Some of the affected vehicles may not conform to the requirements specified by Federal Motor Vehicle Safety Standard (FMVSS) No. 102 Transmission Shift Position Sequence, Starter Interlock and Transmission Braking Effect, and FMVSS No. 114 Theft Protection and Rollaway Prevention. Vehicles built with a damaged park rod actuating plate may not achieve mechanical Park within the automatic transmission after the driver moves the shift lever to Park. If the parking brake is not applied, this could result in unintended vehicle movement without warning, increasing the risk of injury or crash. Dealers are to replace the transmission park rod actuating plate.

### SERVICE PROCEDURE

**NOTICE:** All recovered transmission fluid should be placed in clean suitable containers to prevent fluid contamination. Any tools or machines used for storage or transfer of other fluids must be purged and cleaned before use.

**NOTE:** Unless the transmission fluid is contaminated, it is to be reused for this repair.

**NOTE:** During disassembly, ensure that a clean drain pan is placed under the transmission in order to recover the maximum amount of transmission fluid possible.

1. Remove the transmission fluid pan. Please follow the Workshop Manual (WSM) procedures in Section 307-01.

**NOTICE:** The transmission **MUST** be in "Neutral" while performing this repair procedure.

2. Remove the park pawl return spring and save for reuse. See Figure 1.
3. Remove and discard the four bolts and the park rod actuating plate. See Figure 1.

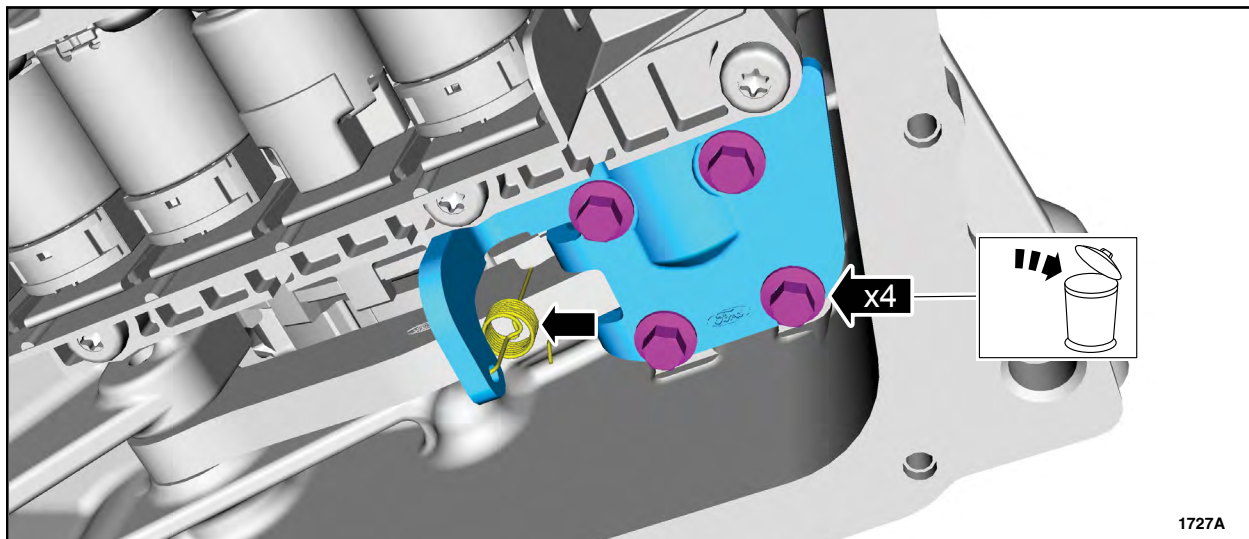
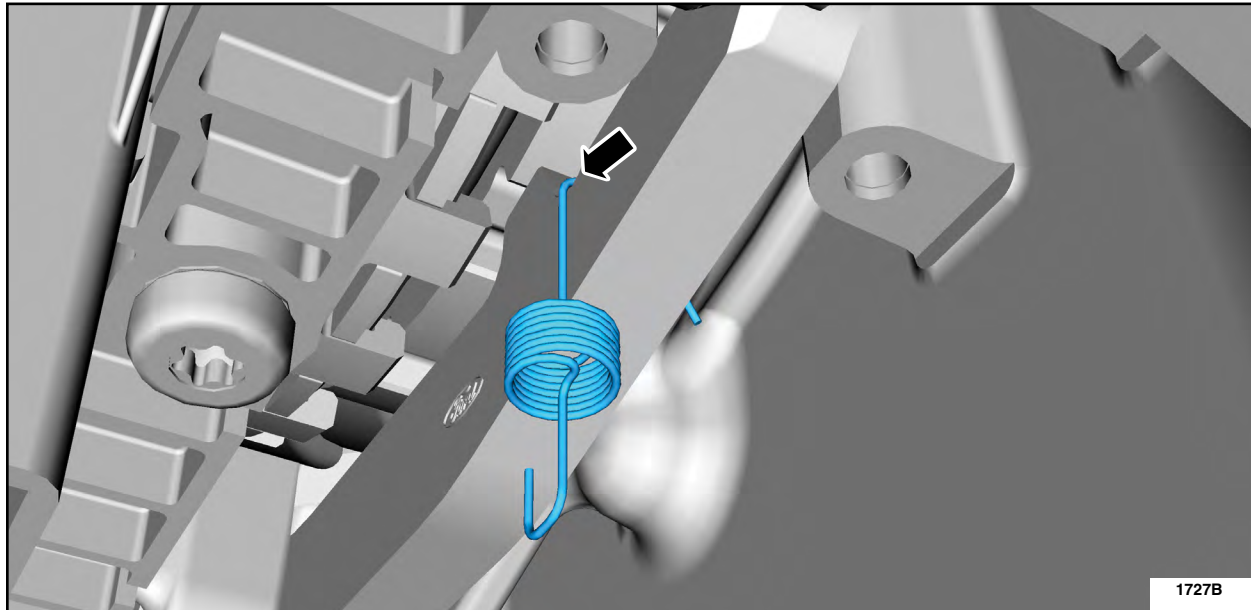


FIGURE 1



4. Reinstall the park pawl return spring onto the park pawl. See Figure 2.

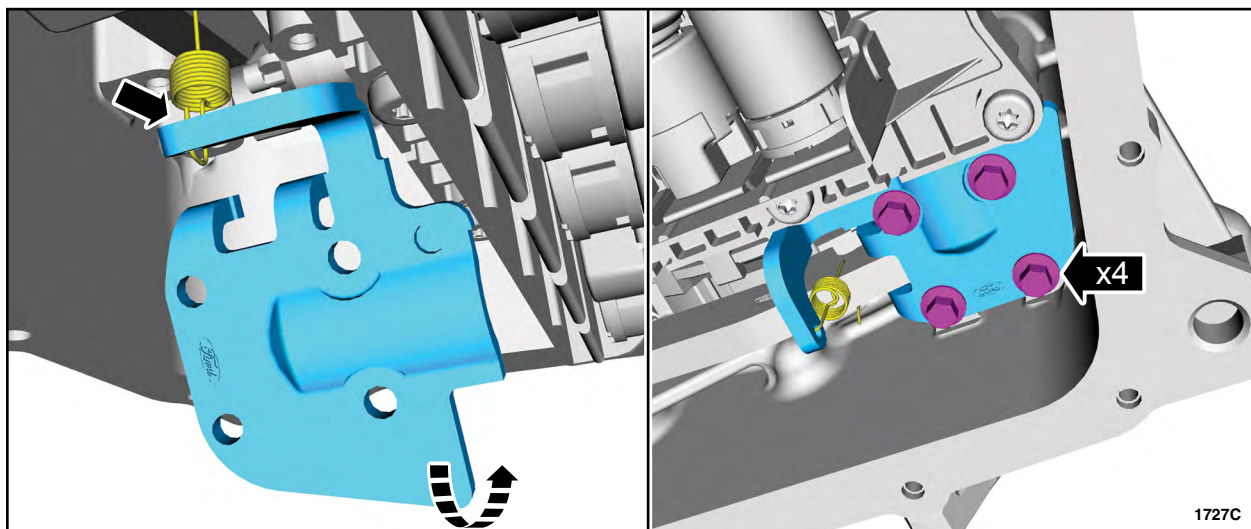


**FIGURE 2**

5. Install a *new* park rod actuating plate onto the park pawl return spring. See Figure 3.

6. Position the park rod actuating plate on the transmission case and install four *new* bolts.

- Tighten the bolts to 106 lb.in (12 Nm).



**FIGURE 3**

7. Install the transmission fluid pan. Please follow the WSM procedures in Section 307-01.

- Unless the transmission fluid is contaminated, it is to be reused for this repair.
- Check and top off the transmission fluid as necessary, following the WSM procedures in Section 307-01.

