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1996 FORD Escort 3 Doors OEM Service and Repair Workshop Manual

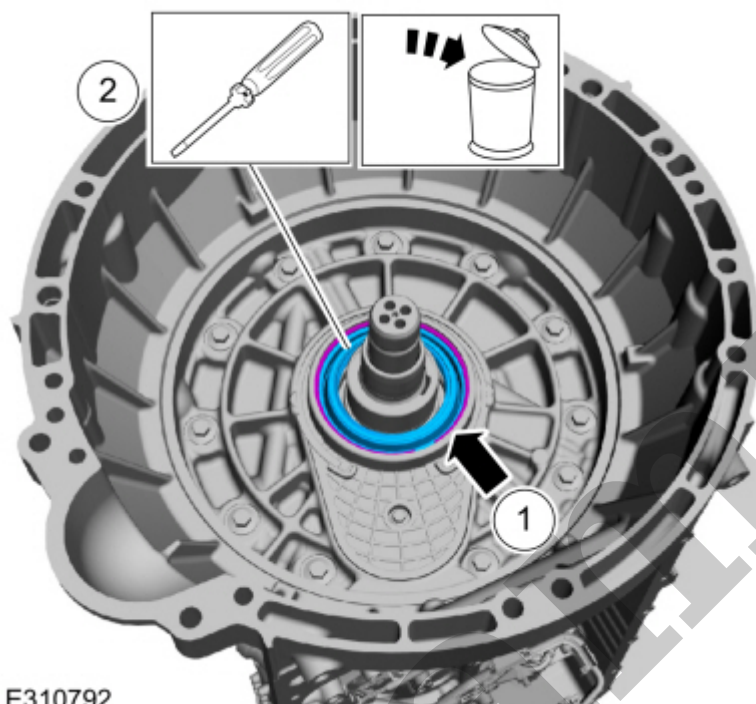
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19. 1. Remove the torque converter hub seal snap ring.

2. **NOTE**

When removing the torque converter hub seal use care not to scratch the front support cover sealing surface.

Remove and discard the torque converter hub seal (7A248).

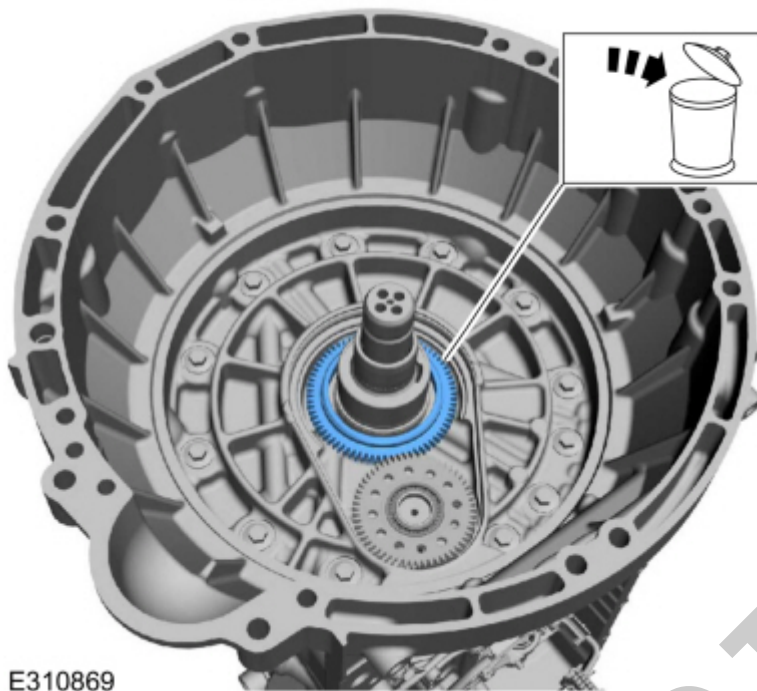


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20. Remove the front support cover bolt and the front support cover snap ring.

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22. Remove and discard the transmission fluid pump drive gear (7177).



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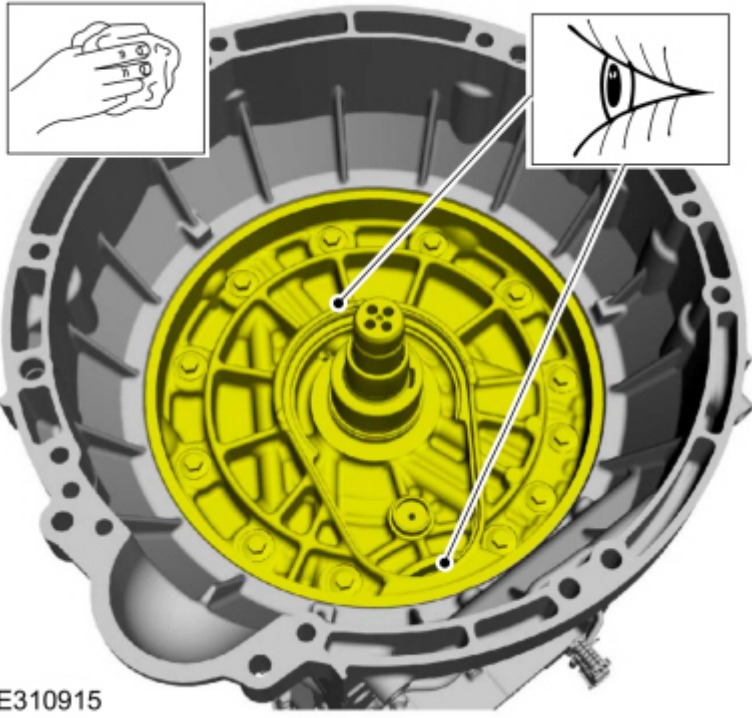
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23. **NOTE**

Tighten the special tools uniformly to prevent damage to the front support bearing post during the fluid pump gear and bearing removal.

Using the special tools, remove and discard the transmission fluid pump idler gear (6652) and bearing (7025).

Use Special Service Tool : 307-743 Remover, Pump Drive Gear

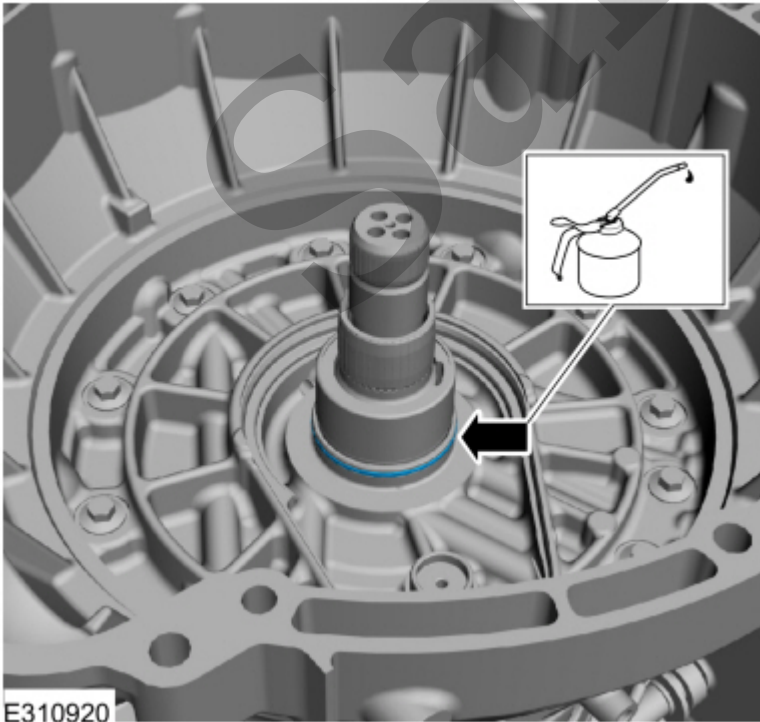


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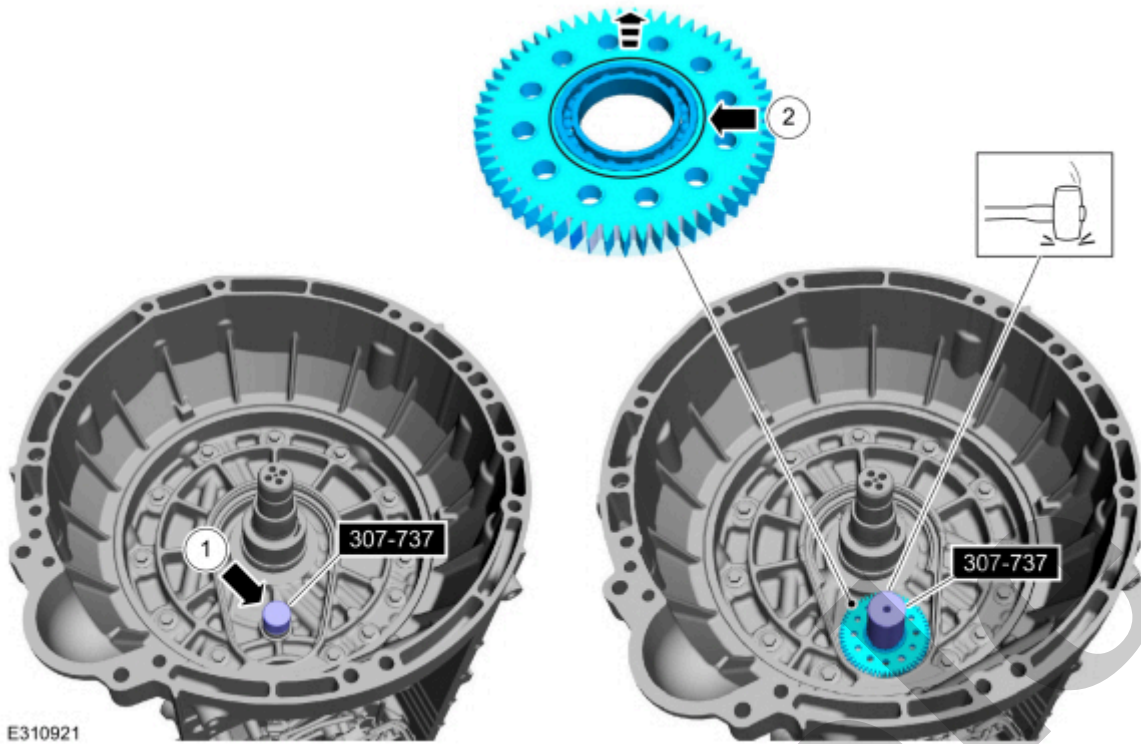
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Installation

1. Install the new stator support seal on the front support. Lubricate the stator support seal with petroleum jelly.

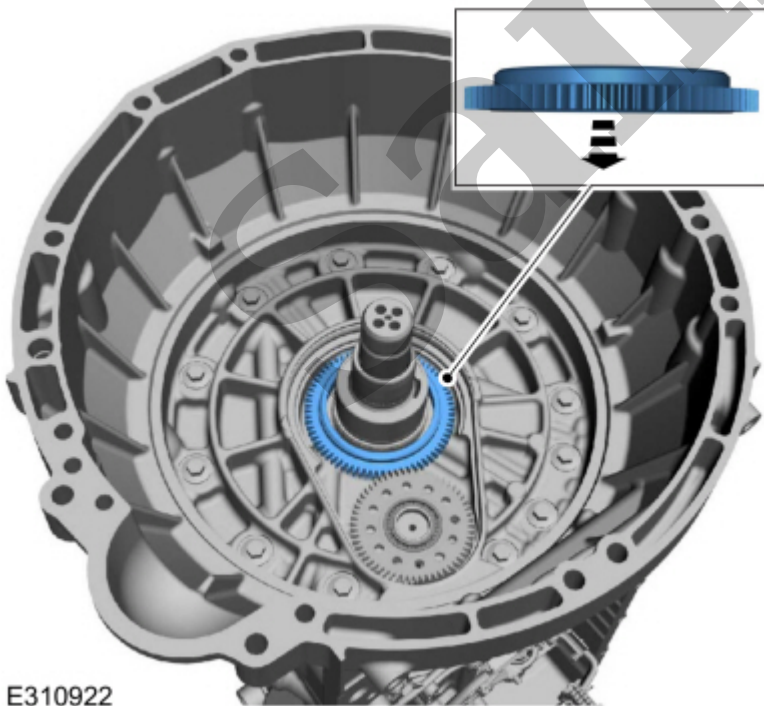


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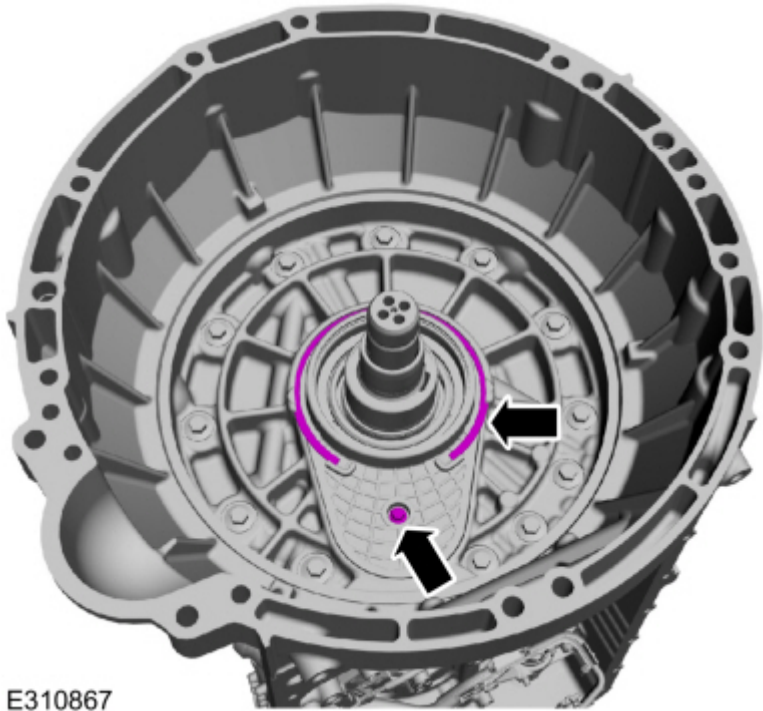
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4. Install the new transmission fluid pump drive gear with the flat side down.



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5. Install the front support cover by pressing down evenly by hand.



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7. Install the new torque converter hub seal on the special tools.

Use Special Service Tool : 307-750 Installer, Converter Seal , 205-1018 Installation Tube



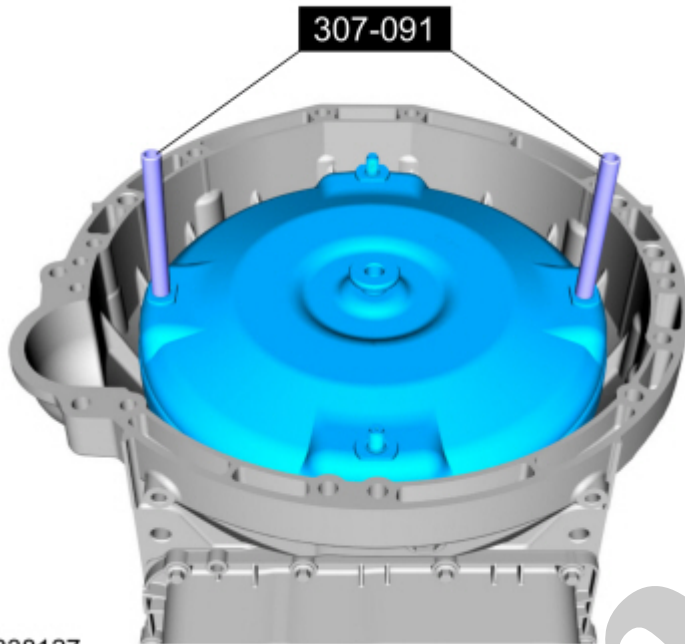
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10. Using the special tool, install the torque converter.

Use Special Service Tool : 307-091 Handle, Torque Converter

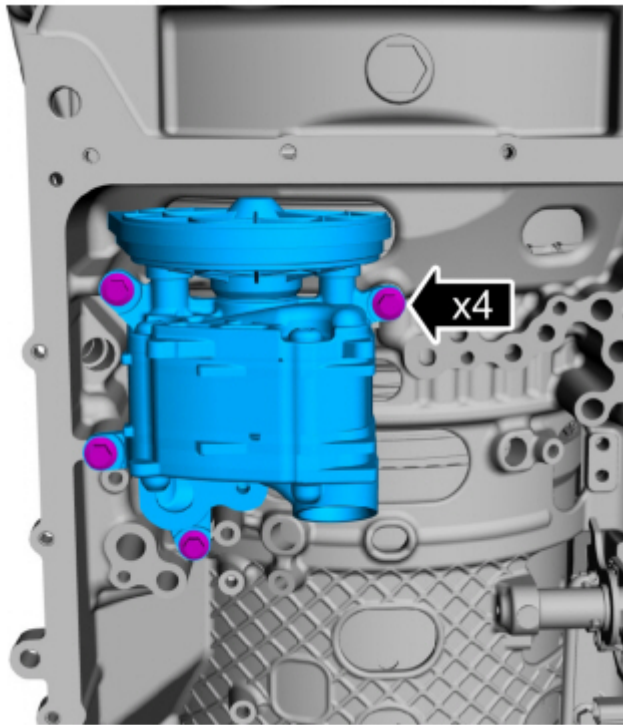


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11. Install the special tool to hold the torque converter.

Use Special Service Tool : 307-346 (T97T-7902-A) Retainer, Torque Converter



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14. **NOTICE**

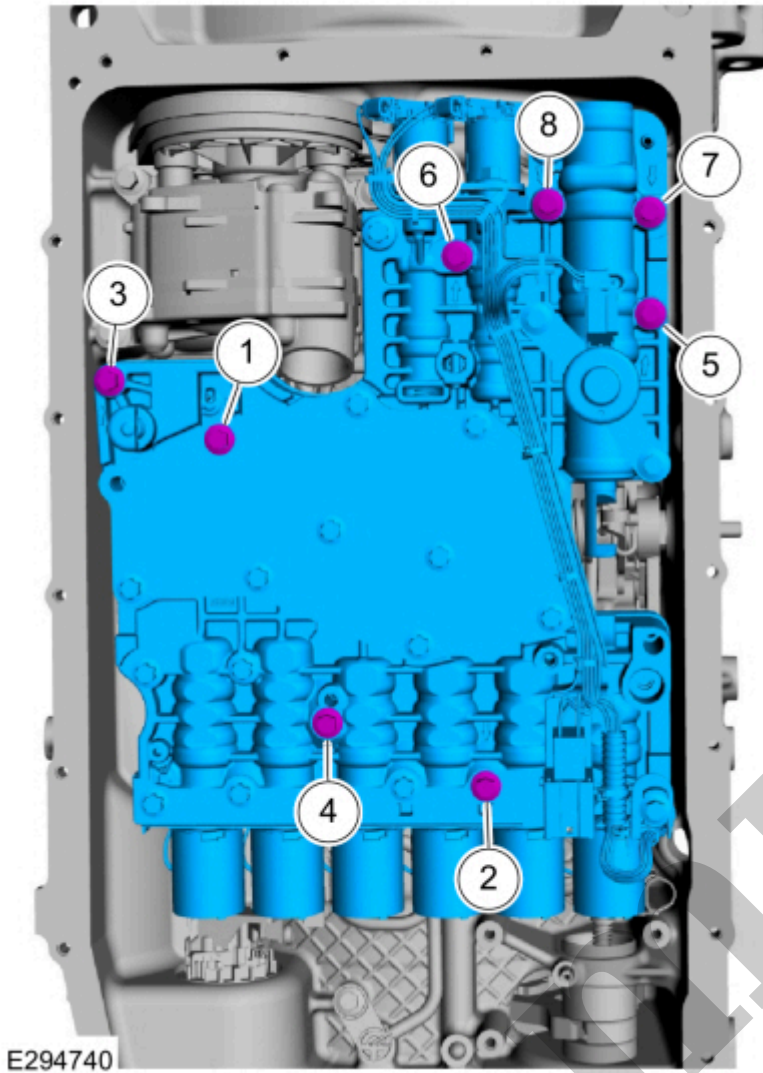
Only install 68 mm length bolts or the transmission clutch and planetary container can be damaged and result in transmission failure.

Loosely install the main control valve body.

1. **NOTE**

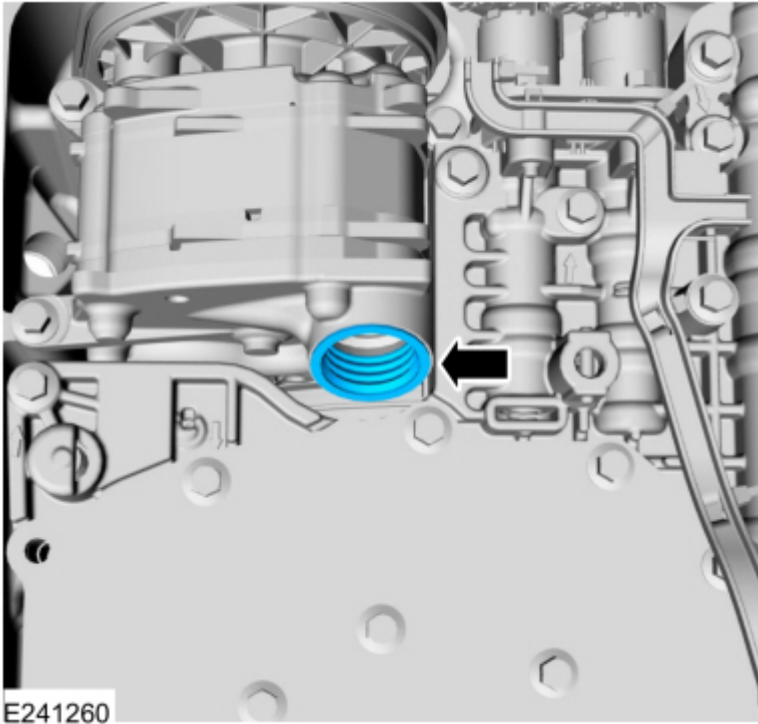
Be sure the main control-to-case seal is attached to the main control.

2. Align the guide pins on the main control valve body with the alignment holes in the transmission case.
3. Align the TR (transmission range) sensor with the park pawl lock valve.
4. Loosely install the 68 mm length main control-to-transmission case bolts.



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16. Remove the bolt and allow the park override lever to return to the normal operating position.



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19. NOTICE

If the bolts are installed in the wrong locations, transmission damage will occur.

Install the new filter and the bolts in the correct locations.

1. Short bolt 20 mm
 2. Long bolt 71 mm
- **Torque** : 93 lb.in (10.5 Nm)