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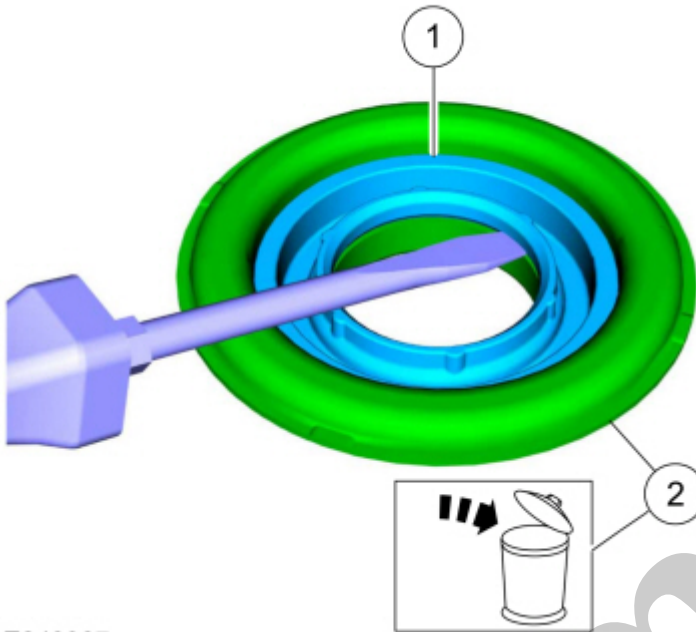
1993 FORD Escort 4 Doors OEM Service and Repair Workshop Manual

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46. Remove the E clutch balance dam and discard the E clutch piston.

1. E clutch balance dam

2. E clutch piston

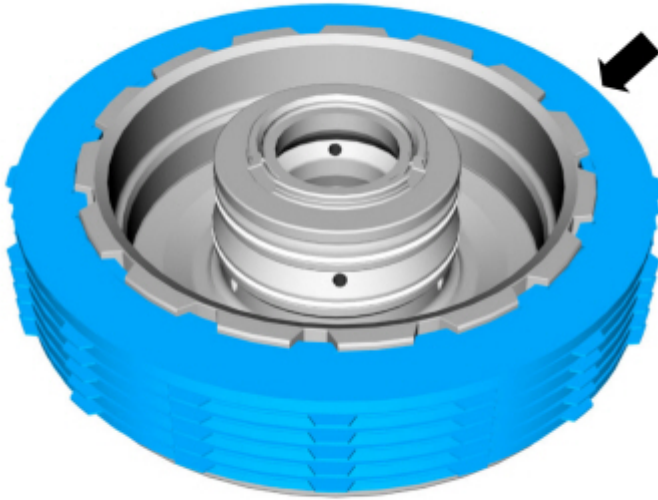


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47. Remove and discard the E clutch balance dam outer seal.

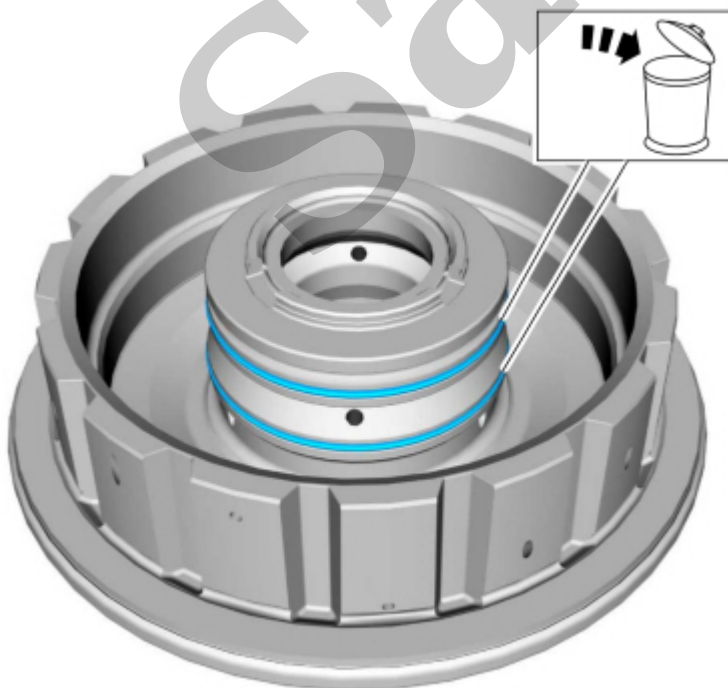
49. Remove the E clutch assembly. Inspect the clutch plates for excessive wear or damage. If the clutch plates are excessively worn or damaged replace as necessary. If the clutch plates are not excessively worn or damaged, they can be reused.



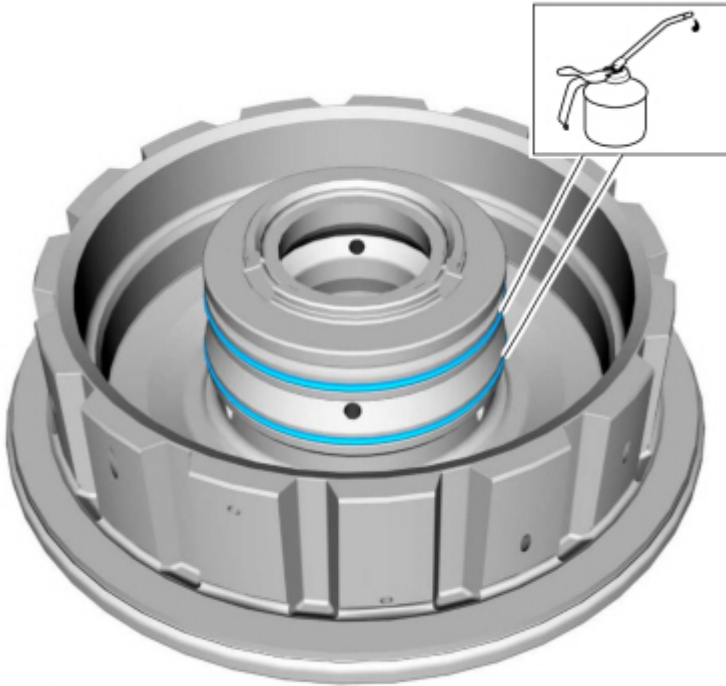
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50. Remove and discard the E clutch piston and balance dam inner seals.



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2. NOTE

Clutch plate quantity is model dependant based on engine displacement.

Soak the E clutch plates in clean transmission fluid. Install the E clutch assembly.

1. Pressure plate (select fit)
2. Friction plates

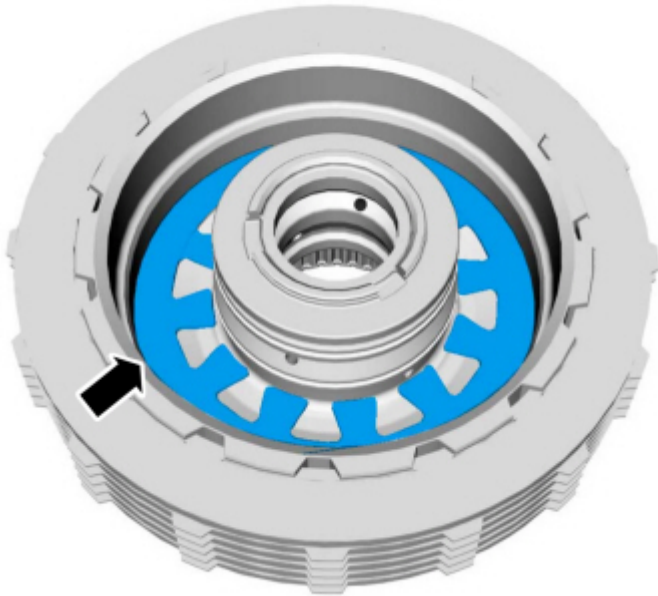
Material : Motorcraft® MERCON® ULV Automatic Transmission Fluid / XT-12-QULV (WSS-M2C949-A,) (MERCON® ULV)

3. NOTE

Align the inner splines of the steel plates with the pressure plate internal splines.

Steel plates

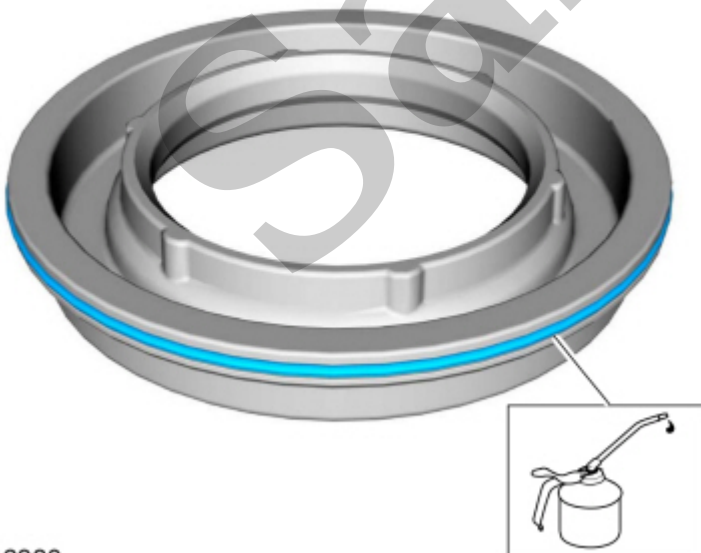
4. Apply plate (2.9-3.0)



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4. Install a new E clutch balance dam outer seal. Lubricate the seal with petroleum jelly.



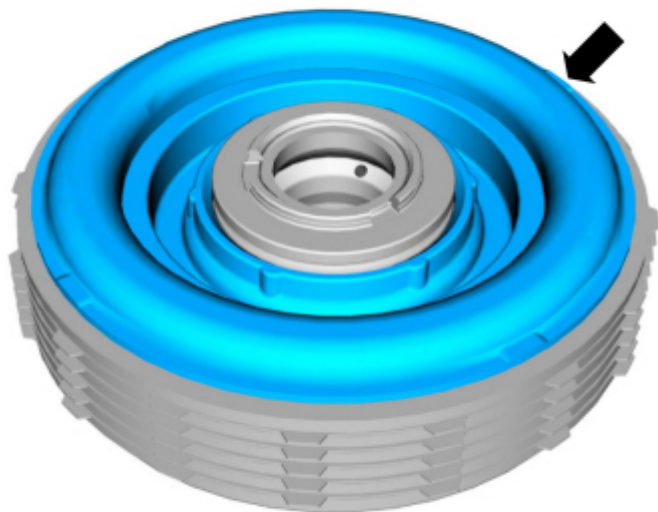
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5. Install the E clutch balance dam in the new E clutch piston.

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7. Install the new E clutch piston and balance dam in the E clutch hub.



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8. NOTICE

Do not compress the balance dam too far or damage to the E clutch hub can occur. Only compress the E clutch hub far enough to install the retainer.

Using the special tool and a press, compress the E clutch balance dam and install the retainer.

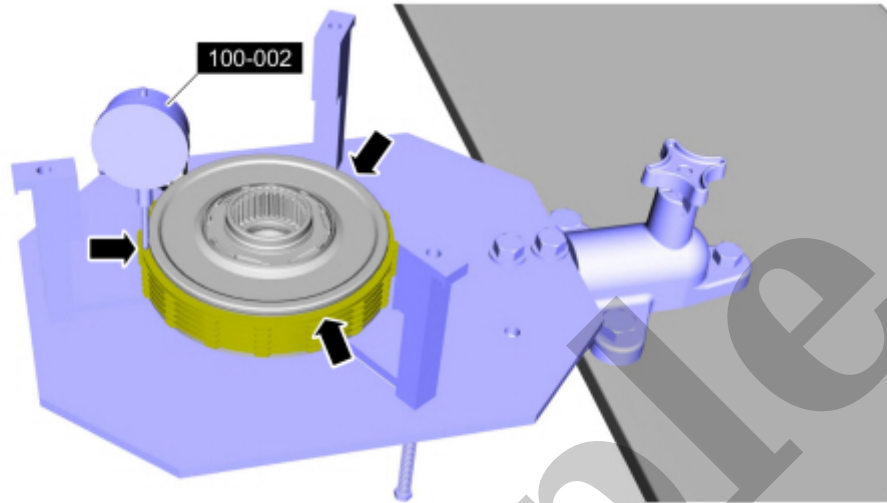
Use Special Service Tool : 307-741 Spring Compressor, F Clutch

Use the General Equipment: Hydraulic Press

compare the measurement to the clutch clearance chart in specifications to determine the correct size pressure plate. Install the correct E clutch pressure plate.

Refer to: [Specifications](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, Specifications).

Use Special Service Tool : 100-002 (TOOL-4201-C) Holding Fixture with Dial Indicator Gauge



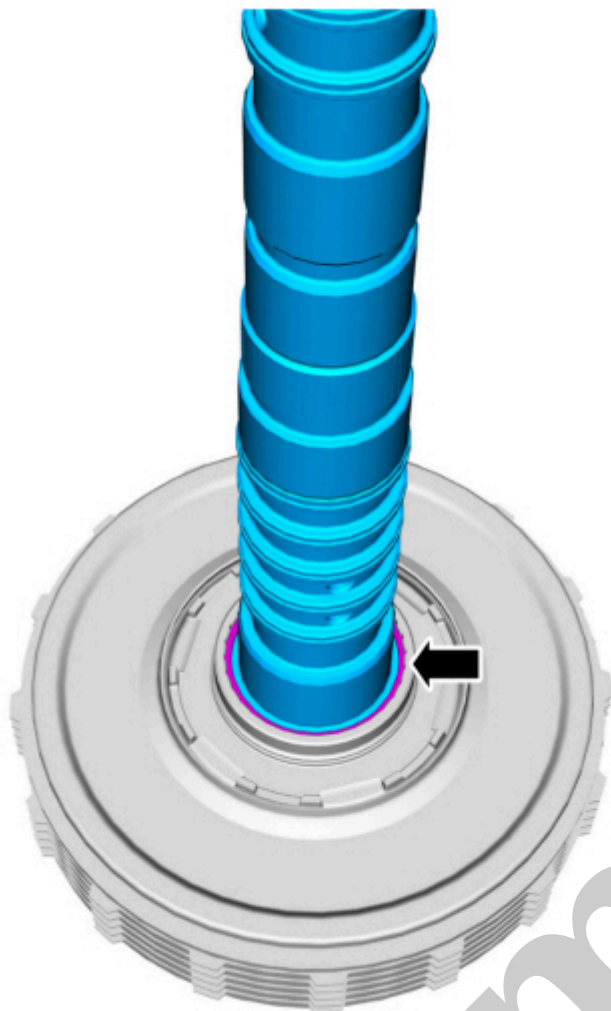
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11. **NOTE**

The E clutch seals have been updated to O-ring seals. The new seal kit may contain D-ring seals or O-ring seals, either can be used.

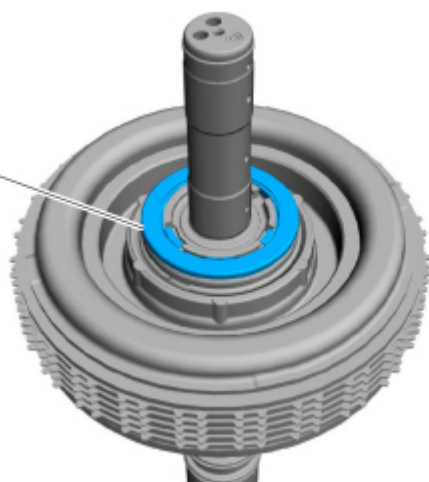
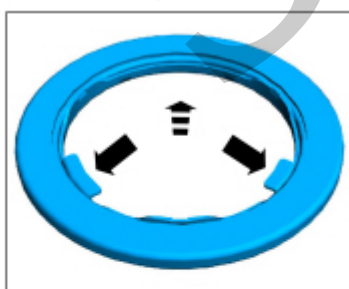
Install the new input shaft E clutch seals.



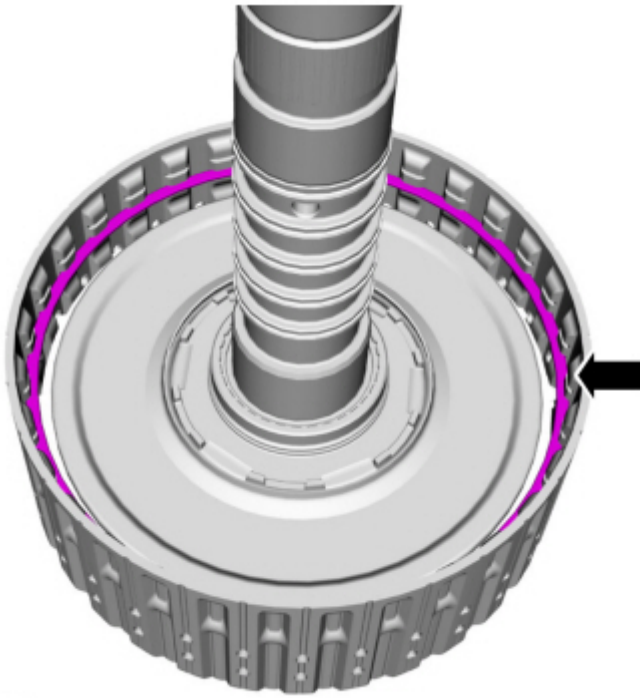
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13. Install the (T7) thrust bearing onto the E clutch with the tab locators up. Snap the bearing into place.



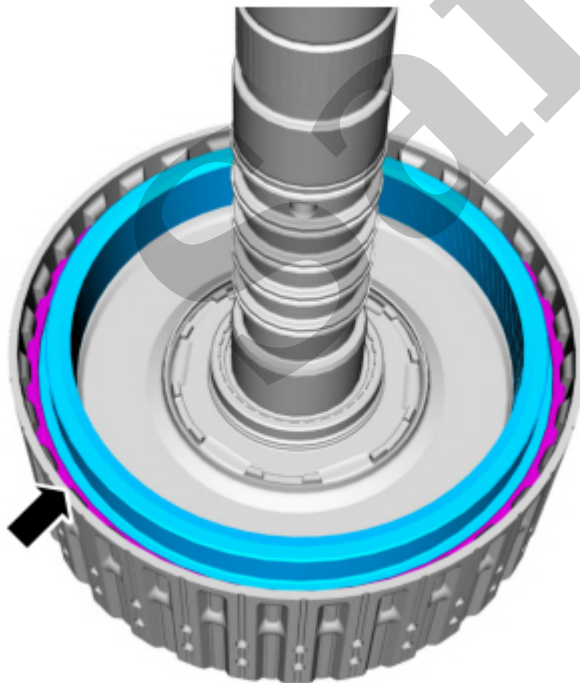
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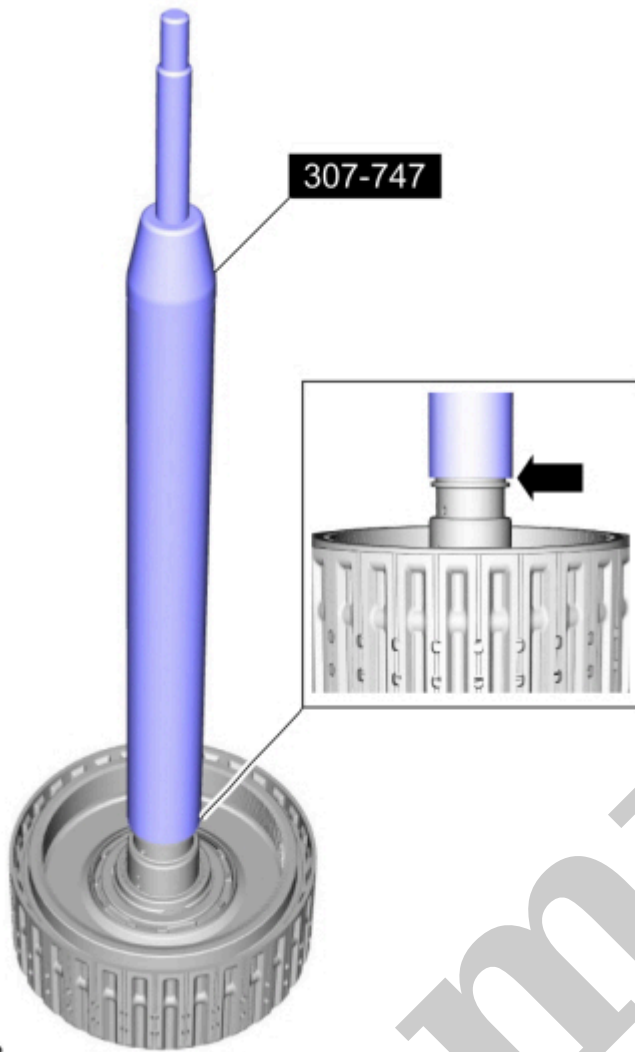
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16. Install the No. 3 ring gear and the snap ring. Align the snap ring gap 180° from the bottom snap ring gap.



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19. Install a new Teflon® seal on the special tool.

Use Special Service Tool : 307-747 Installer/ Sizer , Input Shaft Solid Sealing Rings; Large