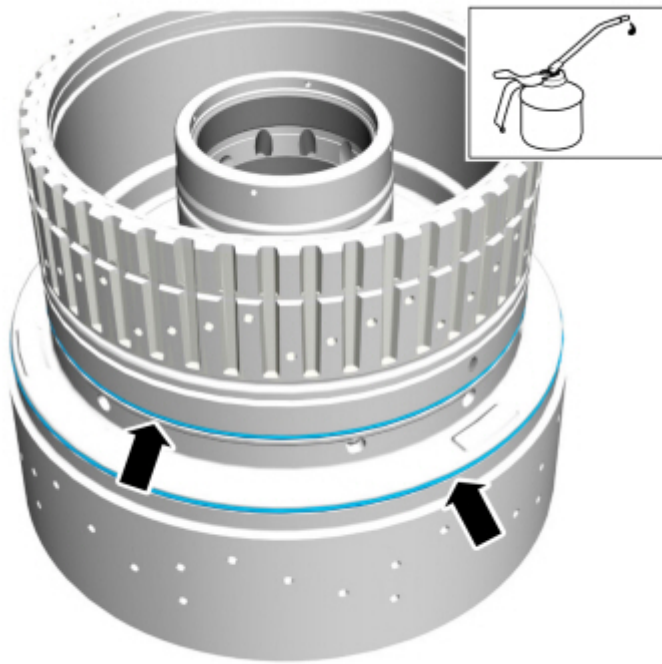


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## 1994 FORD Escort 5 Doors OEM Service and Repair Workshop Manual

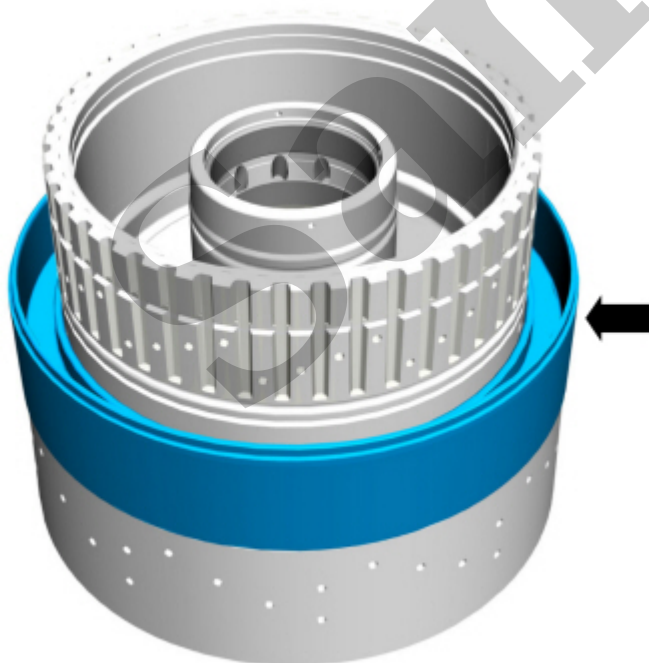
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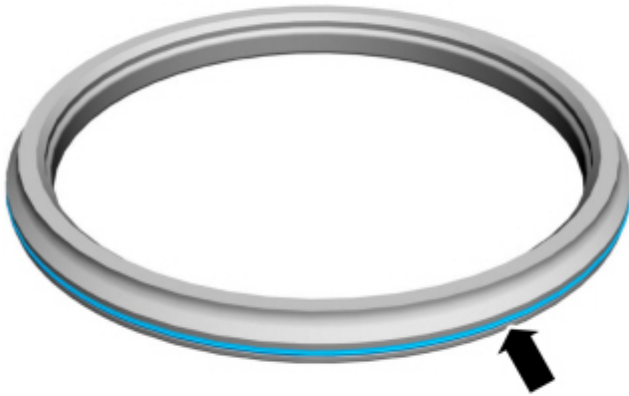
132. Install the F clutch piston.



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133. Install the new F clutch balance dam inner seal. Lubricate the seal with petroleum jelly.



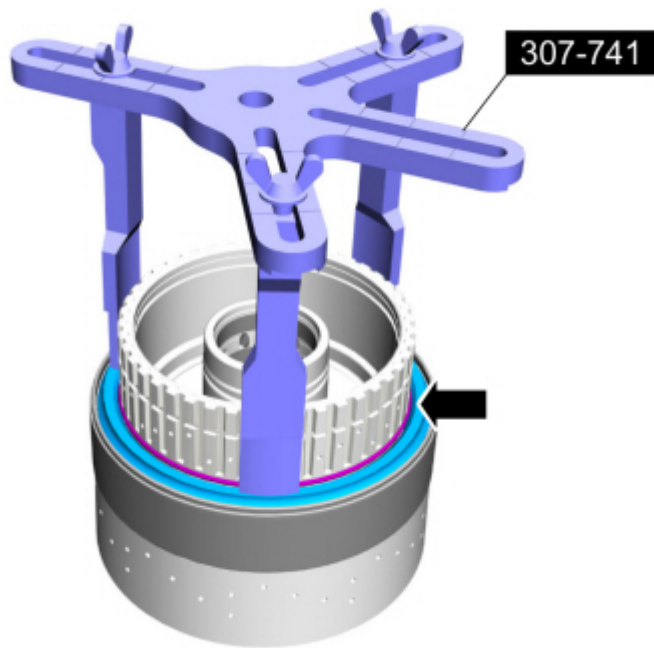
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136. **NOTE**

The F clutch balance dam retainer will not be in the groove at this time.

Install the F clutch balance dam and retainer on the CDF clutch cylinder.



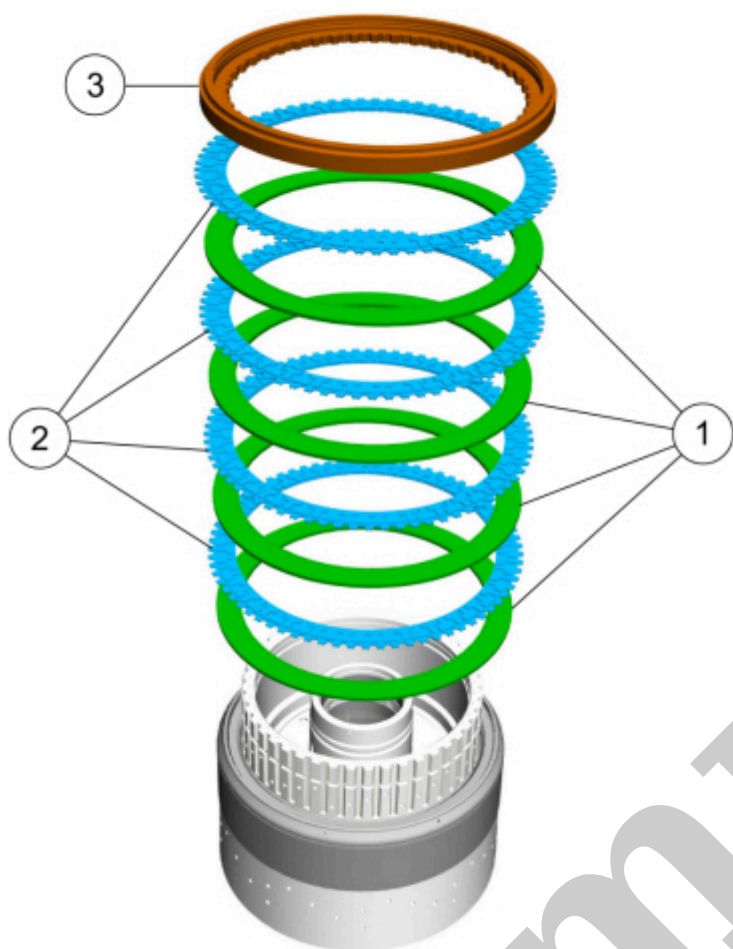
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138. 1. Position the F clutch apply ring onto the F clutch piston.
2. Position the F clutch pressure plate upside-down onto the apply ring. Using the special tools and a press, press the apply ring onto the F clutch piston.

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

Use the General Equipment: Hydraulic Press



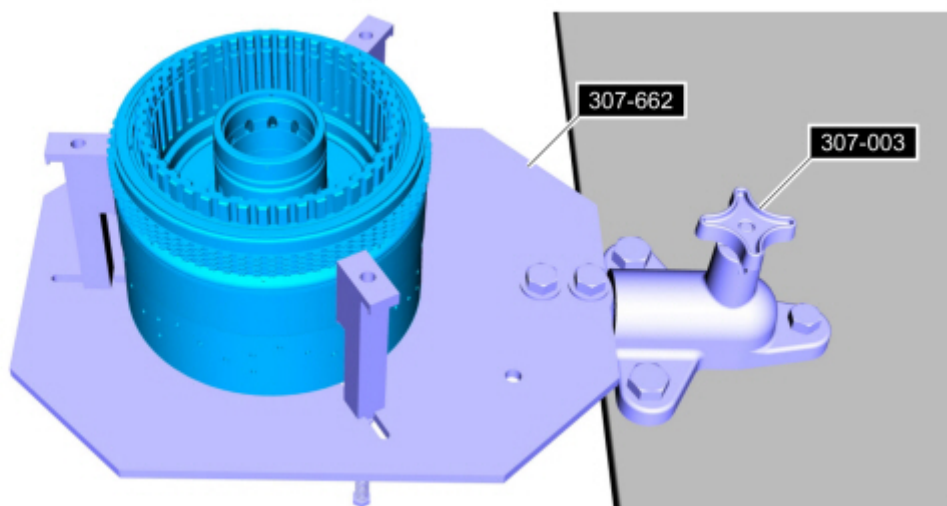
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140. Install the F clutch snap ring, F clutch snap ring keeper and the F clutch keeper snap ring .

1. F clutch snap ring
2. F clutch snap ring keeper
3. F clutch keeper snap ring

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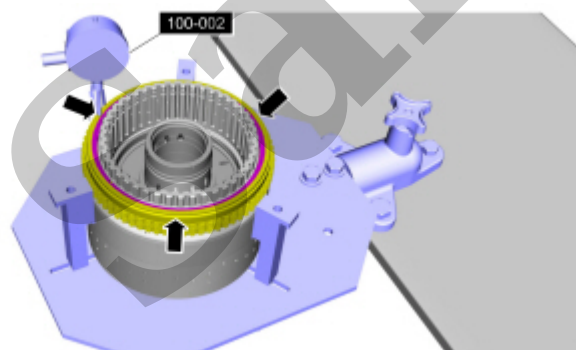
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142. Using the special tool, measure the F clutch clearance. Position the plunger so it rests on the top surface of the pressure plate. Zero the dial indicator. Pull up on the pressure plate and measure and record the clutch clearance in 3 different places. Average the 3 recorded clutch clearance measurements and compare the measurement to the clutch clearance chart in specifications to determine the correct size snap ring. Install the correct F clutch snap ring.

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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143. Install the new D clutch piston inner and outer seals. Lubricate the seals with petroleum jelly.



E243602

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146. Lubricate the new D clutch balance dam seals with petroleum jelly.



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147. Using the special tools and a press, Install the D clutch balance dam and install the retainer.

149. **NOTE**

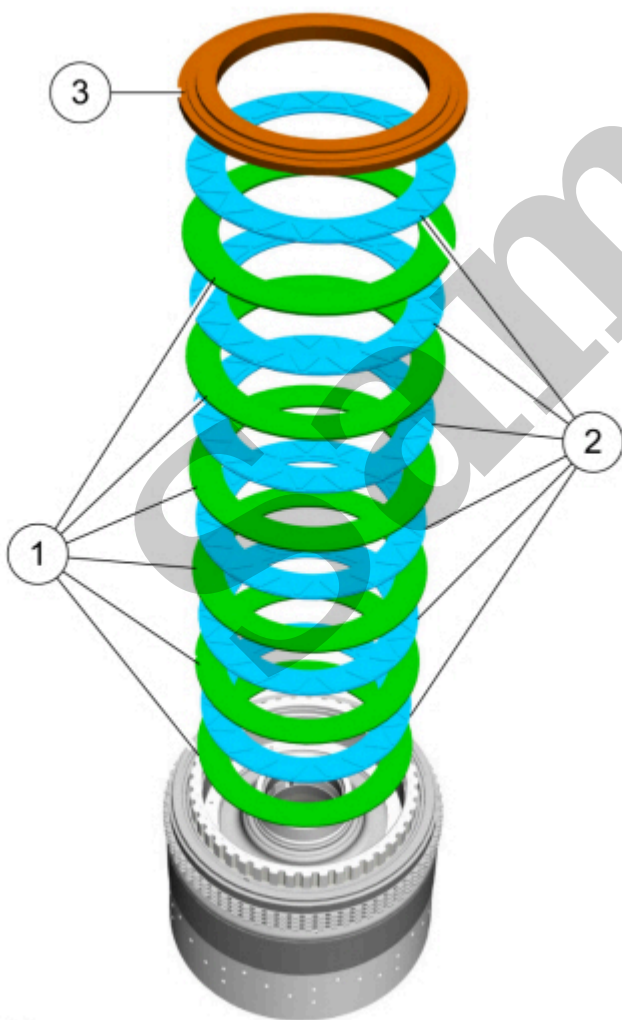
Clutch plate quantity is model dependant based on engine displacement.

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

1. Steel plates
2. Friction plates

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

3. Pressure plate



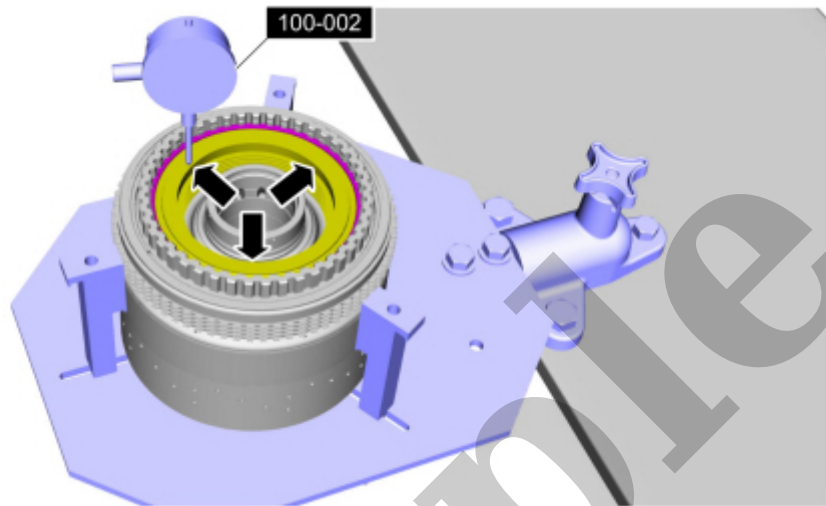
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clutch clearance in 3 different places. Average the 3 recorded clutch clearance measurements and compare the measurement to the clutch clearance chart in specifications to determine the correct size snap ring. Install the correct D clutch snap ring.

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

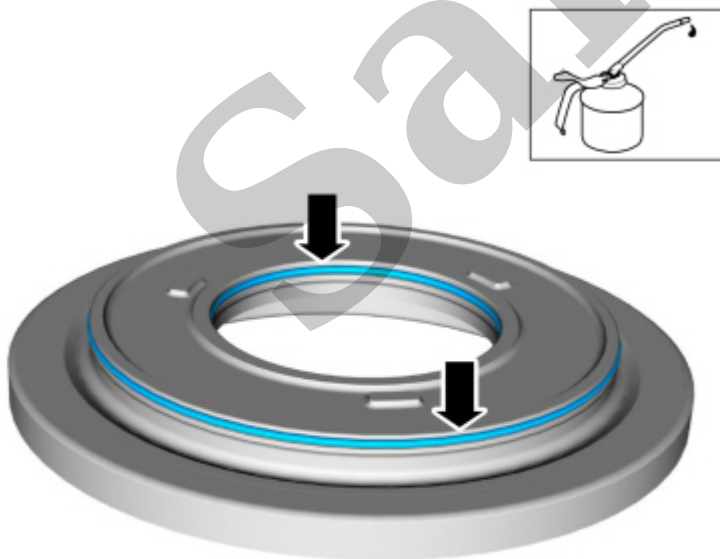
**Use Special Service Tool** : 100-002 (TOOL-4201-C) Holding Fixture with Dial Indicator Gauge



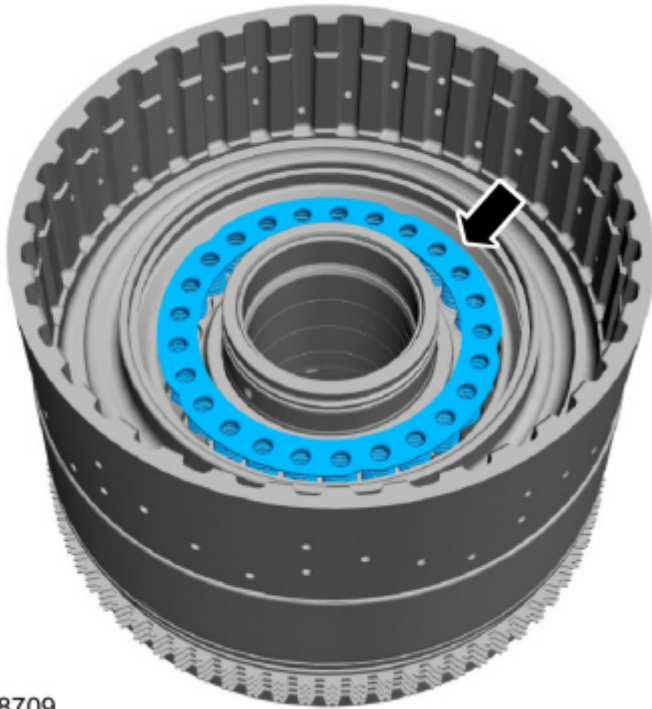
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153. Install the new C clutch piston inner and outer seals. Lubricate the seals with petroleum jelly.



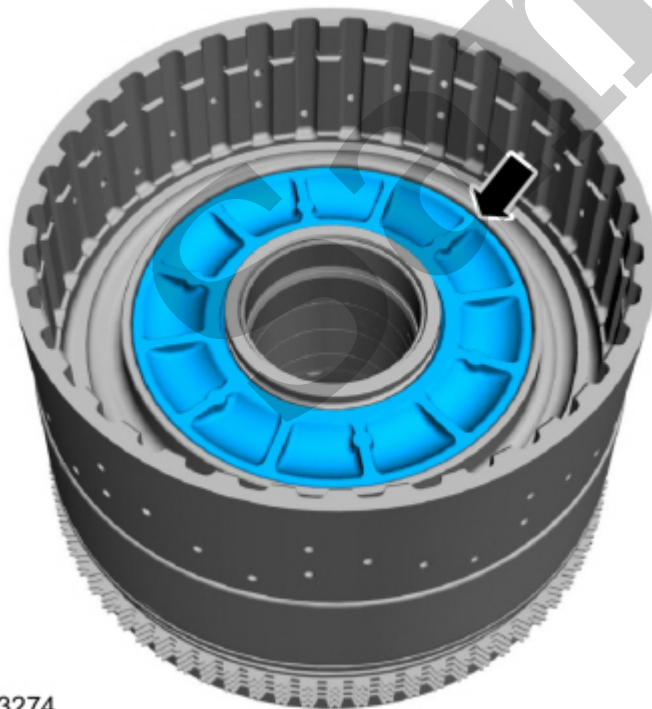
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157. Install the C clutch balance dam.



E243274

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158. Using the special tools and a press, compress the C clutch balance dam and install the retainer.