

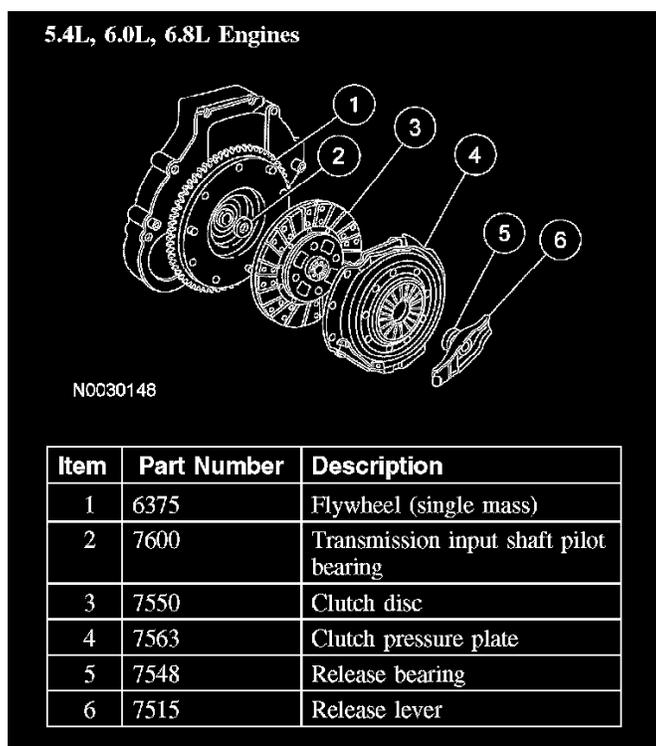
Pressure Plate: Service and Repair

Clutch Disc and Pressure Plate

Clutch Disc and Pressure Plate

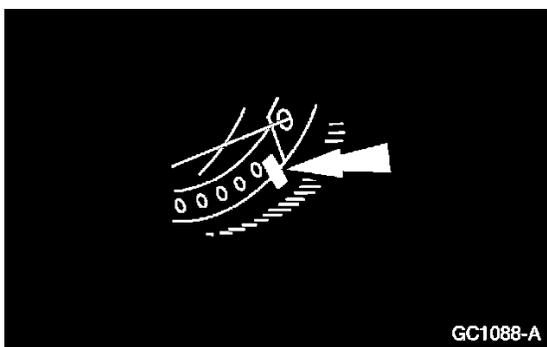
Removal

5.4L, 6.0L, 6.8L Engines

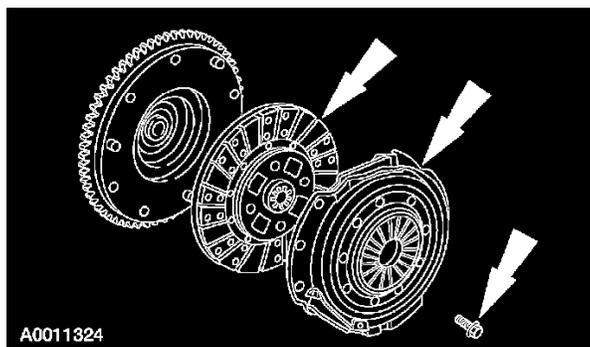


5.4L, 6.0L, 6.8L Engines

1. Remove the transmission.
2. Index-mark the clutch pressure plate and the flywheel, if reinstalling these parts.



3. Remove the clutch pressure plate bolts, the clutch pressure plate and the clutch disc.



4. Inspect the transmission input shaft pilot bearing:
 - ^ for misalignment and looseness in the crankshaft (gasoline engine) or flywheel (diesel engine).
 - ^ needle rollers for scoring, discoloration, wear and broken rollers.
 - ^ seal for damage and lubricant leakage.
 - ^ Install a new transmission input shaft pilot bearing if any of these conditions are present.

Installation

1. **CAUTION:** Sometimes, when removing the transmission, the input shaft will remove a considerable amount of lubricant from the transmission input shaft pilot bearing.

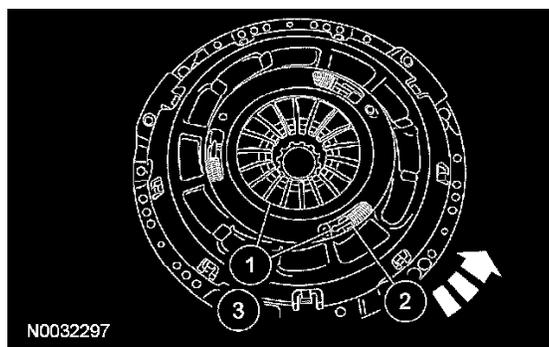
Lubricate the transmission input shaft pilot bearing, as necessary.

- ^ Use **Krytox® High-Temperature Grease**.

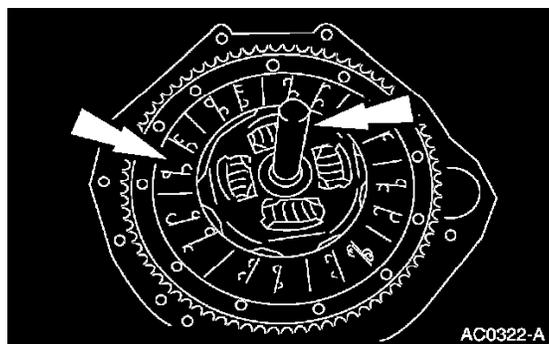
2. **CAUTION:** When installing the original clutch pressure plate, reset the wear indicator before installing the clutch pressure plate on the flywheel.

Reset the wear indicator.

- 1 Using a suitable press and adapter, press downward on the fingers until the adjusting ring moves freely.
- 2 Rotate the adjusting ring **counterclockwise** to compress the tension springs. Hold the adjusting ring in this position.
- 3 Release the pressure on the fingers. The adjusting ring will now stay in the reset position.



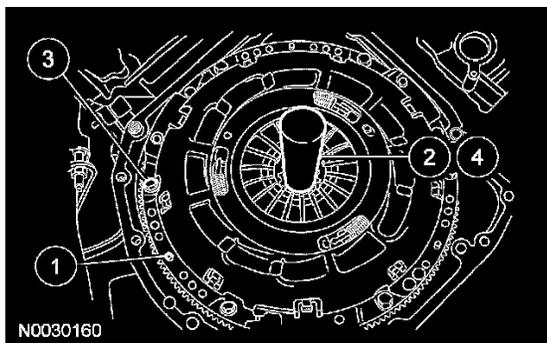
3. Position the clutch disc on the flywheel and the clutch alignment tool in the pilot bearing to align the clutch disc.
 - ^ The 5.4L/6.8L engines accept a **1-1/4 inch** input shaft.
 - ^ The 6.0L engines accept a **1-3/8 inch** input shaft with **0.98 inch** pilot bearing inner diameter.



4. **NOTE:** Align the index marks if installing the original clutch pressure plate and flywheel.

Install the clutch pressure plate.

- 1 Position the clutch pressure plate on the dowels.
 - ^ The diesel engine flywheel has **2** dowels. The gasoline engine flywheel has **3** dowels.
- 2 Using a suitable clutch alignment tool, align the clutch disc and the pressure plate.
- 3 Install the clutch pressure plate bolts and tighten in a star pattern sequence.
 - ^ For the 5.4L and 6.8L engines, tighten to **45 Nm (33 ft. lbs.)**.
 - ^ For the 6.0L engine, tighten to **28 Nm (21 ft. lbs.)**.
- 4 Remove the clutch alignment tool.



5. Install the transmission.
6. Test the system for normal operation.