

Clutch

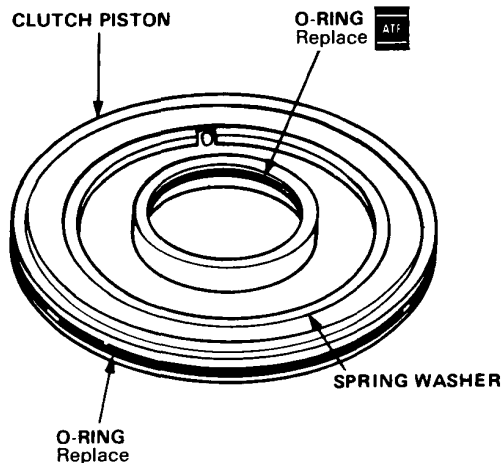
Reassembly

NOTE:

- Clean all parts thoroughly in solvent or carburetor cleaner, and dry with compressed air.
- Blow out all passages.
- Lubricate all parts with ATF before reassembly.

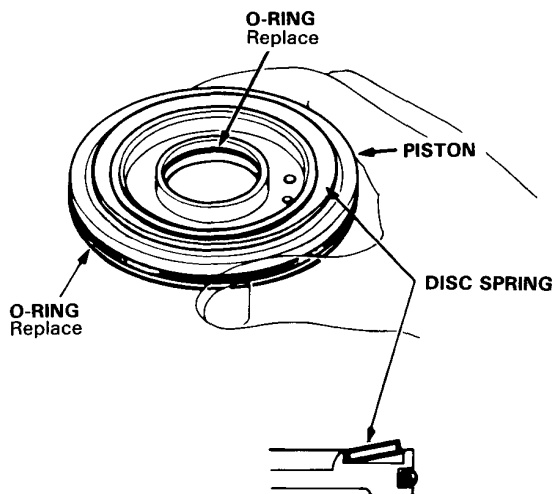
1. Install a new O-ring on the clutch piston.

NOTE: For all clutches.



2. Be sure that the disc spring is securely staked.

NOTE: For 3rd and 4th clutches.

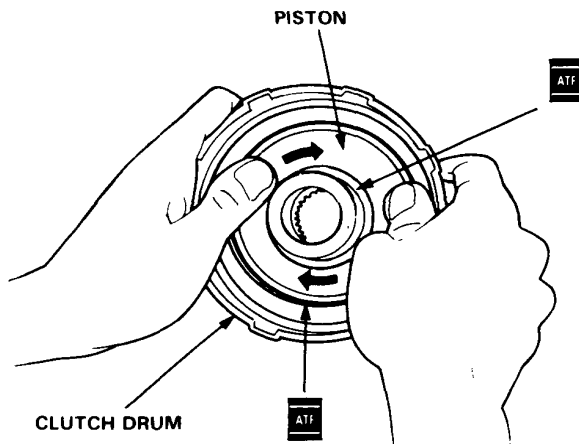


3. Install the piston in the clutch drum. Apply pressure and rotate to ensure proper seating.

NOTE:

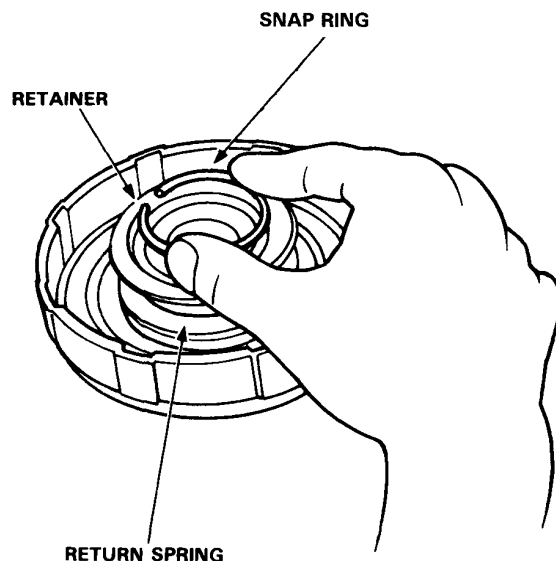
- For all clutches.
- Lubricate the piston O-ring with ATF before installing.

CAUTION: Do not pinch O-ring by forcing piston installation.



4. Install the return spring and spring retainer and position the snap ring on the retainer.

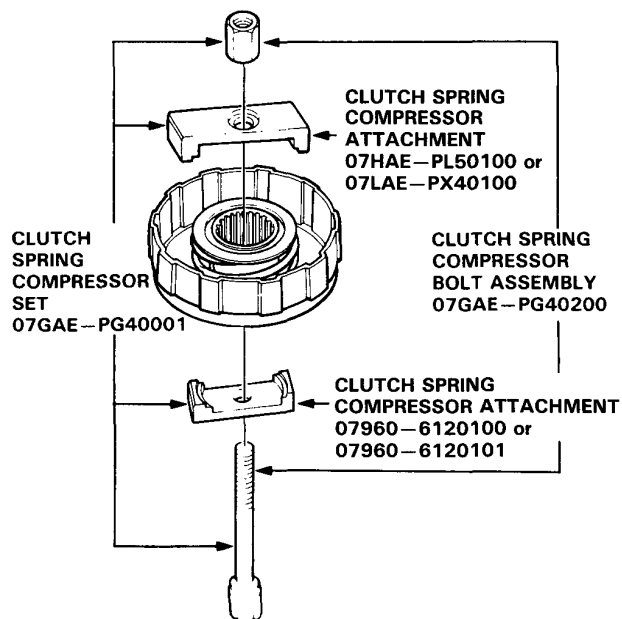
NOTE: For all clutches.



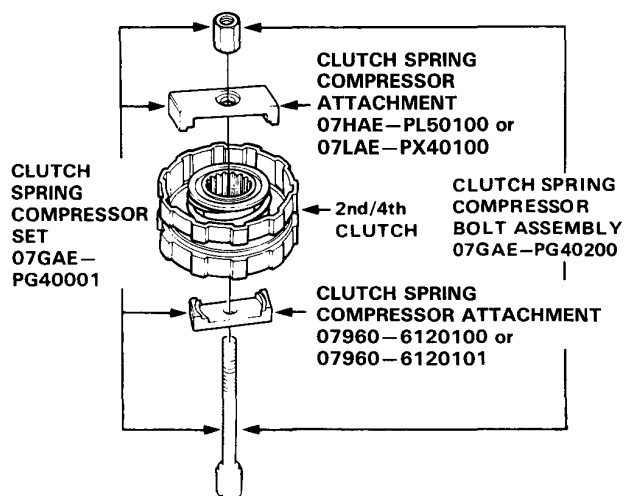


5. Install the special tools as shown.

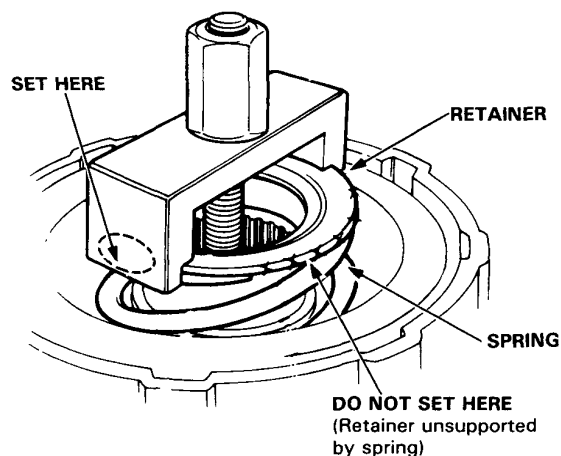
NOTE: For 1st and 3rd clutches.



NOTE: For 2nd/4th clutch.

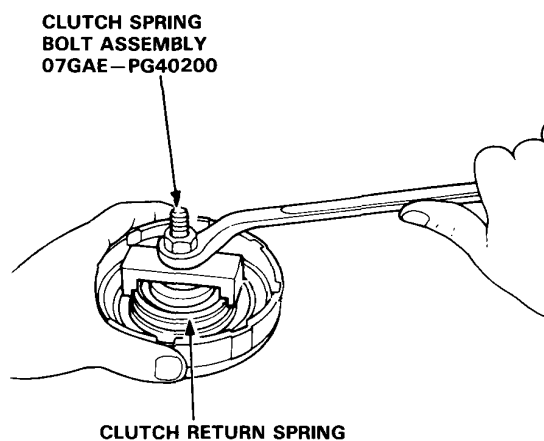


CAUTION: If either end of the compressor attachment is set over an area of the retainer which is unsupported by the spring, the retainer may be damaged.



6. Compress the clutch return spring.

NOTE: For all clutches.



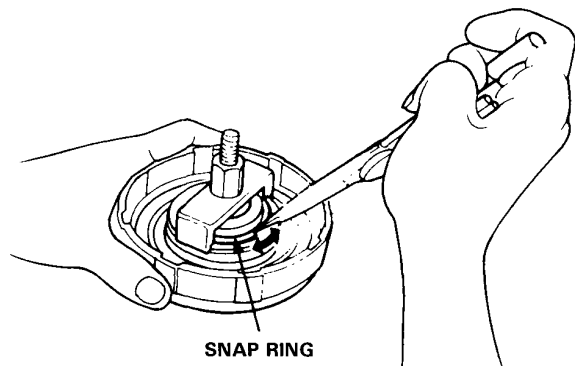
(cont'd)

Clutch

Reassembly (cont'd)

7. Install the snap ring.

NOTE: For all clutches.



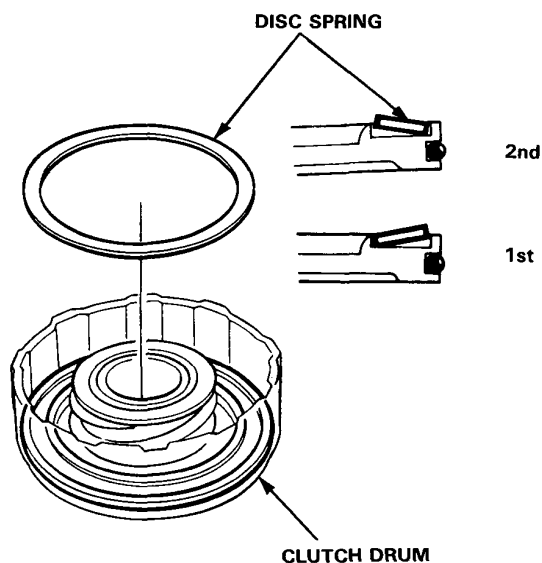
8. Remove the special tools.

NOTE: For all clutches.

9. Install the disc springs.

NOTE:

- For 1st and 2nd clutches.
- Install the disc spring in the right direction.

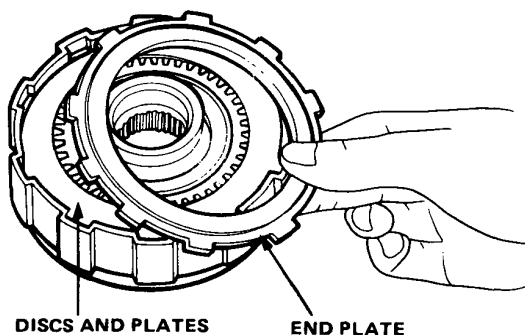


NOTE: Steps 10 thru 14 are for all clutches.

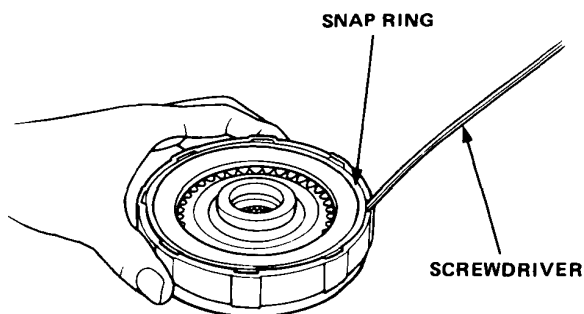
10. Soak the clutch discs thoroughly in automatic transmission fluid for a minimum of 30 minutes.

11. Starting with a clutch plate, alternately install the clutch plates and discs. Install the clutch end plate with flat side toward the disc.

NOTE: Before installing the plates and discs, make sure the inside of the clutch drum is free of dirt or other foreign matter.



12. Install the snap ring.





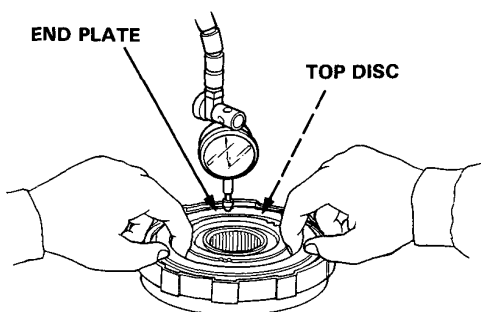
13. Measure the clearance between the clutch end plate and top disc with a dial indicator.

Zero the dial indicator with the clutch end plate lowered and lift it up to the snap ring. The distance that the clutch end plate moves is the clearance between the clutch end plate and top disc.

NOTE: Measure at three locations.

End Plate-to-Top Disc Clearance:

	Service Limit	
1ST	0.65–0.85 mm	(0.026–0.033 in.)
2ND	0.40–0.60 mm	(0.016–0.024 in.)
3RD	0.40–0.60 mm	(0.016–0.024 in.)
4TH	0.40–0.60 mm	(0.016–0.024 in.)

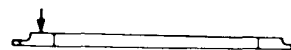


14. If the clearance is not within the service limits, select a new clutch end plate from the following table.

NOTE: If the thickest clutch and plate is installed but the clearance is still over the standard, replace the clutch discs and clutch plates.

P/N	PLATE NO.	THICKNESS
22551–PF4–000	1	2.1 mm (0.082 in.)
22552–PF4–000	2	2.2 mm (0.086 in.)
22553–PF4–000	3	2.3 mm (0.090 in.)
22554–PF4–000	4	2.4 mm (0.094 in.)
22555–PF4–000	5	2.5 mm (0.098 in.)
22556–PF4–000	6	2.6 mm (0.102 in.)
22557–PF4–000	7	2.7 mm (0.106 in.)
22558–PF4–000	8	2.8 mm (0.110 in.)
22559–PF4–000	9	2.9 mm (0.114 in.)
22560–PF4–000	10	3.0 mm (0.118 in.)
22561–PF4–000	11	3.1 mm (0.122 in.)
22562–PF4–000	12	3.2 mm (0.126 in.)
22563–PF4–000	13	3.3 mm (0.130 in.)
22564–PF4–000	14	3.4 mm (0.134 in.)

NUMBER



END PLATE