

Clutch

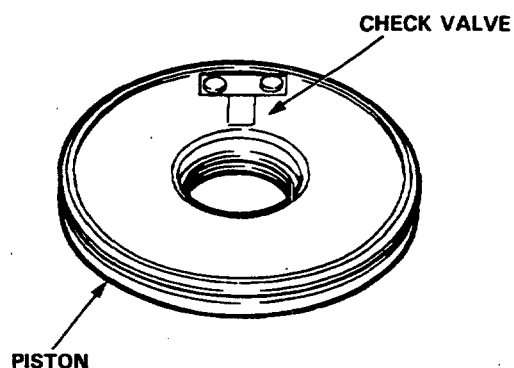
Reassembly

NOTE:

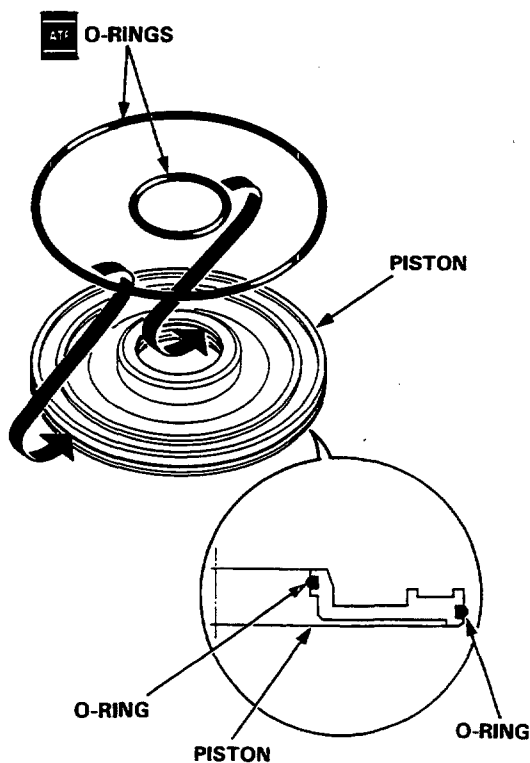
- Clean all parts thoroughly in solvent or carburetor cleaner, and dry them with compressed air.
- Blow out all passages.
- Lubricate all parts with ATF before reassembly.

1. Inspect the check valve; if it's loose, replace the piston.

NOTE: Except 1st-hold clutch.



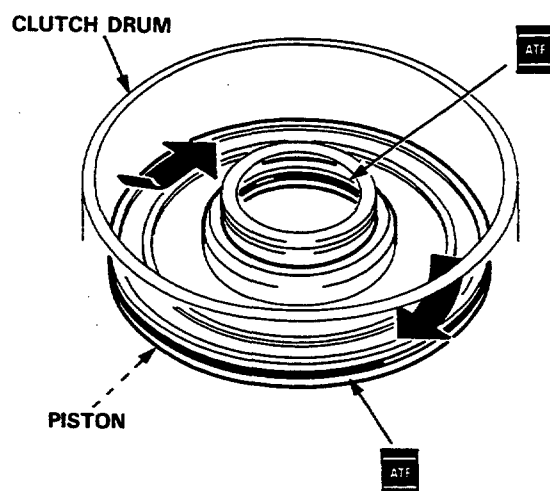
2. Install new O-rings on the clutch piston.



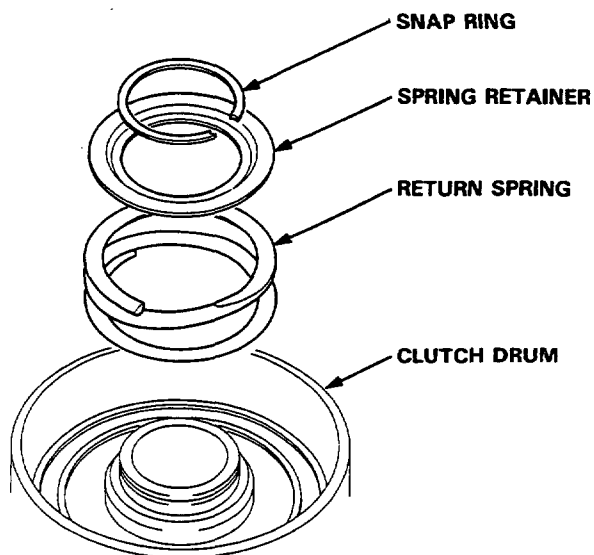
3. Install the piston in the clutch drum. Apply pressure and rotate to ensure proper seating.

NOTE: Lubricate the piston O-ring with ATF before installing.

CAUTION: Do not pinch the O-ring by installing the piston with too much force.



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





5. Install the special tools as shown.

CLUTCH SPRING
COMPRESSOR SET
07LAE-PX40000

CLUTCH SPRING
COMPRESSOR
ATTACHMENT
07LAE-PX40100

CLUTCH SPRING
COMPRESSOR
ATTACHMENT
07HAE-PL50100

CLUTCH SPRING
COMPRESSOR
BOLT ASSEMBLY
07GAE-PG40200

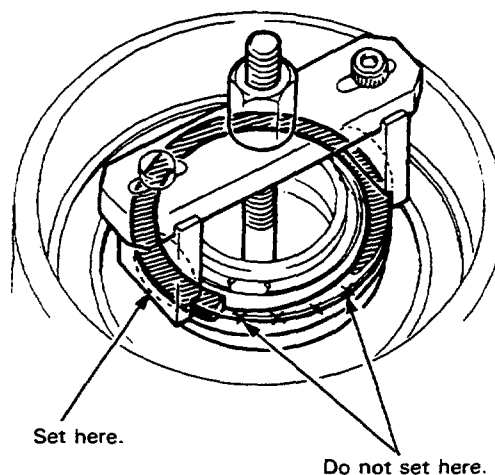
CLUTCH SPRING
COMPRESSOR SET
07LAE-PX40000

CLUTCH SPRING
COMPRESSOR
ATTACHMENT
07LAE-PX40100

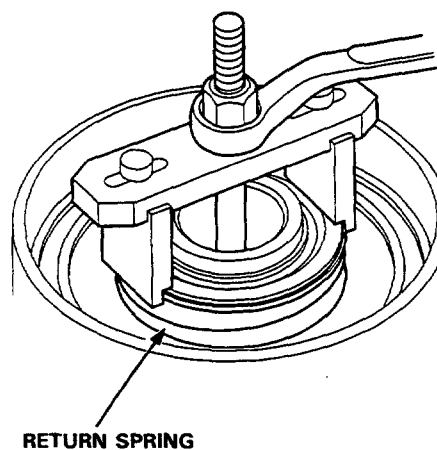
CLUTCH SPRING
COMPRESSOR
ATTACHMENT
07HAE-PL50100

CLUTCH SPRING
COMPRESSOR
BOLT ASSEMBLY
07GAE-PG40200

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



6. Compress the return spring.

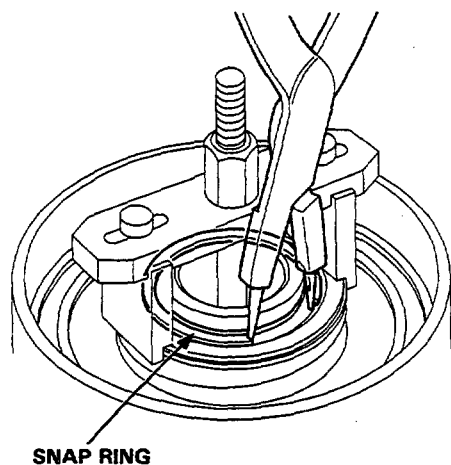


(cont'd)

Clutch

Reassembly (cont'd)

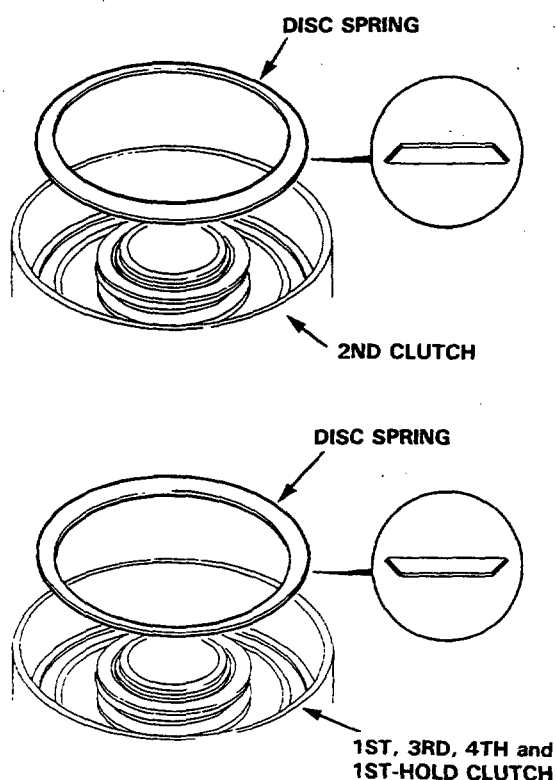
7. Install the snap ring.



8. Remove the special tools.

9. Install the disc spring.

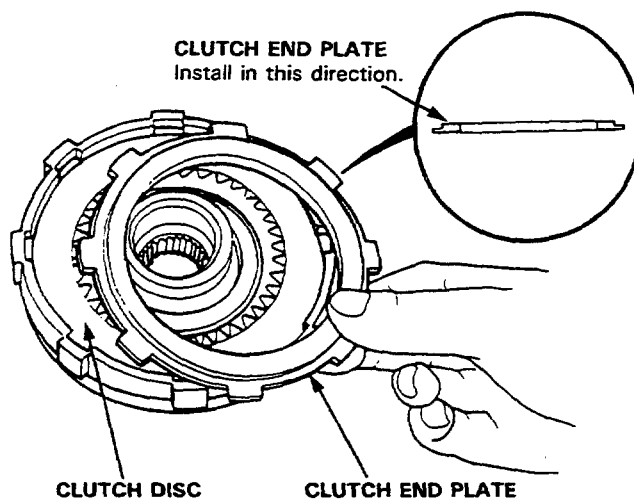
NOTE: Install the disc spring in the direction shown.



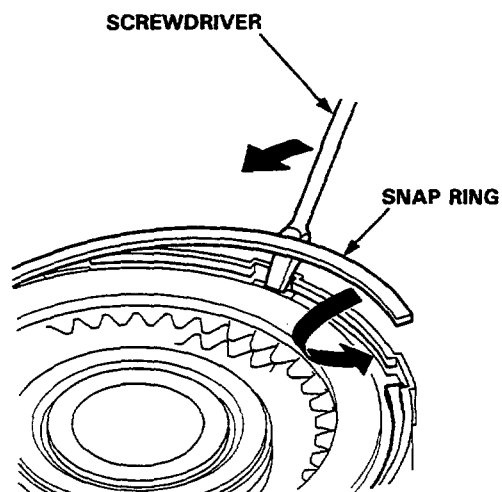
10. Soak the clutch discs thoroughly in ATF for a minimum of 30 minutes.

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.



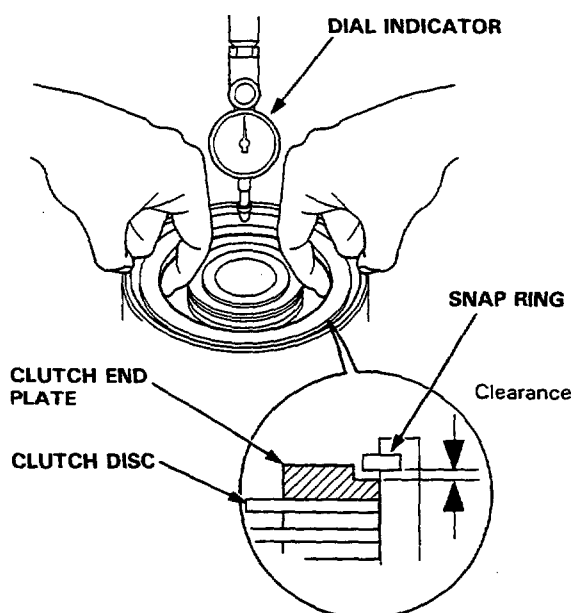


13. Measure the clearance between the clutch end plate and top disc with a dial indicator. Zero the dial indicator with the clutch end plate lowered and lift it up to the snap ring. The distance that the clutch end plate moves is the clearance between the clutch end plate and top disc.

NOTE: Measure at three locations.

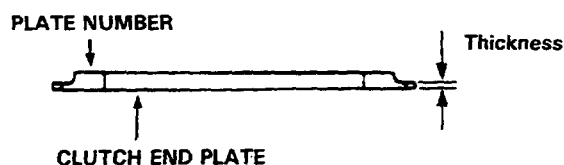
Clutch End Plate-to-Top Disc Clearance:

Clutch	Service Limit
1st	0.65–0.85 mm (0.026–0.033 in)
2nd	0.65–0.85 mm (0.026–0.033 in)
3rd	0.40–0.60 mm (0.016–0.024 in)
4th	0.40–0.60 mm (0.016–0.024 in)
1st-hold	0.50–0.80 mm (0.020–0.031 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 end plate is installed, but the clearance is still over the standard, replace the clutch discs and clutch plates.



1ST, 2ND, 3RD and 4TH CLUTCH

Plate No.	Part Number	Thickness
1	22551-PC9-000	2.4 mm (0.094 in)
2	22552-PC9-000	2.5 mm (0.098 in)
3	22553-PC9-000	2.6 mm (0.102 in)
4	22554-PC9-000	2.7 mm (0.106 in)
5	22555-PC9-000	2.8 mm (0.110 in)
6	22556-PC9-000	2.9 mm (0.114 in)
7	22557-PC9-000	3.0 mm (0.118 in)
8	22558-PC9-000	3.1 mm (0.122 in)
9	22559-PC9-000	3.2 mm (0.126 in)
10	22560-PC9-000	3.3 mm (0.130 in)
11	22561-PC9-000	2.1 mm (0.082 in)
12	22562-PC9-000	2.2 mm (0.086 in)
13	22563-PC9-000	2.3 mm (0.090 in)

1ST-HOLD CLUTCH

Plate No.	Part Number	Thickness
1	22551-PS5-003	2.1 mm (0.082 in)
2	22552-PS5-003	2.2 mm (0.086 in)
3	22553-PS5-003	2.3 mm (0.090 in)
4	22554-PS5-003	2.4 mm (0.094 in)
5 (No mark)	22555-PS5-003	2.5 mm (0.098 in)
6	22556-PS5-003	2.6 mm (0.102 in)
7	22557-PS5-003	2.7 mm (0.106 in)