

Slave Cylinder Service Instructions

DISASSEMBLY

1. Loosen nut (1) and remove rod end (2) from piston (7).
2. Remove boot (3) from assembly.
3. Carefully remove round ring (4) from housing (9) bore.

⚠ CAUTION

Bearing (5) is under spring tension and must be forced down with a thin wall tube to remove round ring (4). Remove round ring using a thin blade screw driver.

4. Carefully remove bearing (5), spring (6) and piston (7) from housing (9) bore.
5. Carefully remove cup (8) from piston (7).

⚠ CAUTION

Bearing (5) is under spring tension and must be forced down with a thin wall tube to remove round ring (4). Remove round ring using a thin blade screw driver.

6. Remove line bolt (10) from housing (9) and remove gasket (11), fitting block (12) and gasket (13) from line bolt.
7. Remove bleeder plug (15) from housing (9) and remove o-ring (14) from bleeder plug.

ASSEMBLY

1. Clean all parts thoroughly and allow to dry before reassembling.
2. Thoroughly inspect housing (9) bore and piston (7) for damage or wear. If damage or wear are present on either of these parts a new slave cylinder may be required.

NOTE: Clutch slave cylinder for use with Automotive Dot 3 and 4 Brake Fluid only.

- Items included in Repair Kit 02-100-044

3. Lubricate new o-ring (14) from repair kit with clean system fluid and install new o-ring on bleeder plug (15).
4. Install bleeder plug (15) in housing (9).
5. Install line bolt (10) through new gasket (11), fitting block (12), new gasket (13) and into housing (9). Finger tighten line bolt.
6. Lubricate new cup (8) from repair kit with clean system fluid and carefully install on piston (7). Note direction of cup (See Figure 1). Be careful not to damage new cup while installing.
7. Use a light silicone grease to fully lubricate surface of piston (7) as shown in Figure 2.
8. Completely lubricate housing (9) bore with clean system fluid and carefully install piston (7) into housing.
9. Install spring (6), bearing (5), and round ring (4) into housing (9) bore. Note direction of bearing (See Figure 1).
10. Install new boot (3) on assembly.
11. Screw rod end (2) into piston (7) to a dimension of 1.75" (See Figure 1) and torque nut (1) 45-50 lbs-ft.
12. Install cylinder assembly in vehicle and adjust according to manufacturer specifications.
13. Correctly position fitting block (12) and attach hydraulic line. Torque line bolt (10) 40-45 lbs-ft.
14. Bleed air from system as recommended by vehicle manufacturer specifications.
15. Apply rated pressure and check for leaks.

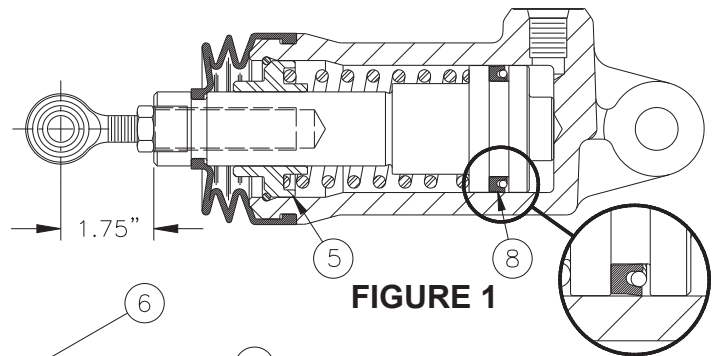


FIGURE 1

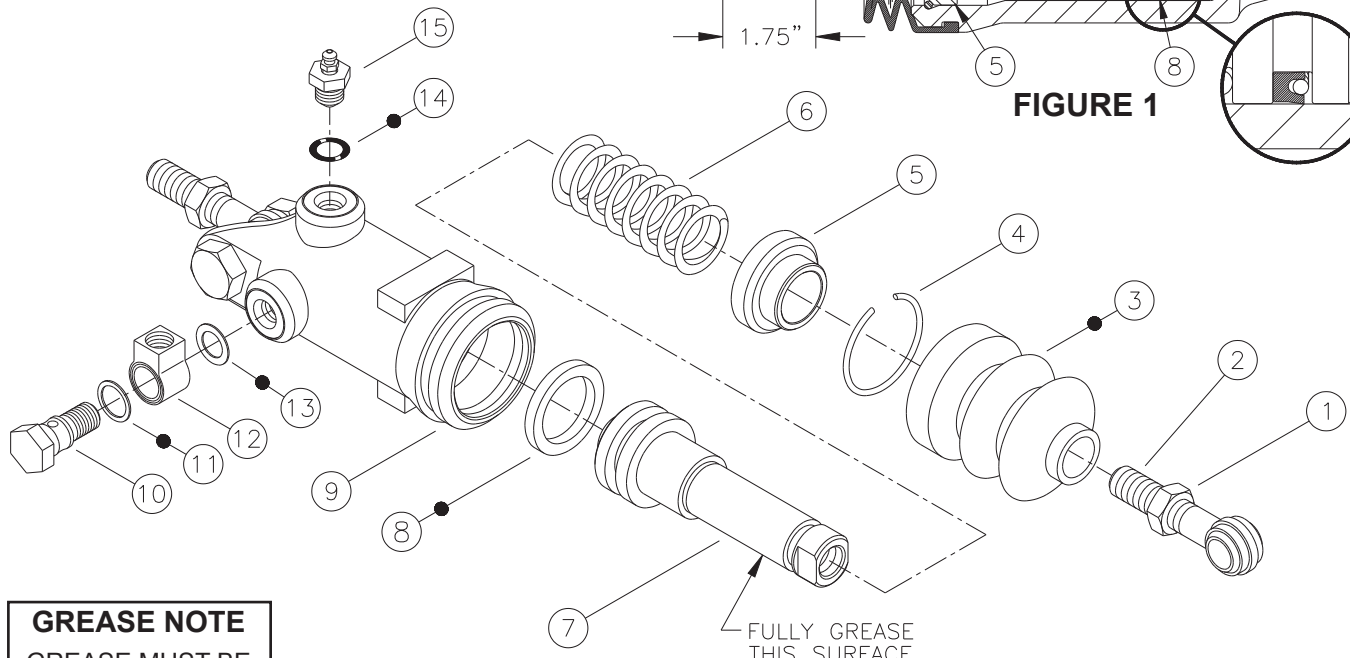


FIGURE 2

GREASE NOTE

GREASE MUST BE
SILICONE BASED.

