

Slave Cylinder Service Instructions

DISASSEMBLY

(Refer to Figures 1 and 2)

1. Evenly loosen four cap screws (1) and back out to approximately 5mm (0.20 in). Using a thin blade tool, separate end cap (1) and housing (8). Note that spring (7) will force end cap from housing.
2. Carefully remove cap screws (1), washers (2) and end cap (3). **NOTE: Firmly hold end cap (3). Piston rod (5) and washer (6) will be forced out of housing bore while end cap is being removed.**

⚠ CAUTION

End cap (3) is under tension from spring (7) of approximately 16.8 kgf (37 lb-force).

3. Remove piston rod (5), washer (6) and spring (7) from housing (8).
4. Remove wiper (10) and cup (9) from housing (8). Note direction of wiper and cup. Be careful not to damage housing bore grooves.
5. Remove o-ring (4) and bleeder plug (11) from end cap (3).
6. Remove o-ring (12) from bleeder plug (11).

ASSEMBLY

(Refer to Figures 1 and 2)

1. Clean all parts thoroughly and allow to dry before reassembling. Thoroughly inspect all components for damage or wear.
2. Lubricate all rubber components from repair kit, spring (7), washer (6), piston rod (5) and housing bore with clean mineral base hydraulic oil.
3. Install new o-ring (12) on bleeder plug (11) and install bleeder plug in end cap (3). Torque bleeder plug 12.2-20.3 N·m (9-15 lb·ft).
4. Install new cup (9) and new wiper (10) in housing (8) bore. Note direction of wiper and cup. Be careful not to damage cup, wiper, or housing bore grooves.
5. Slide washer (6) and spring (7) on piston rod (5). Note direction of washer (6).
6. Carefully install piston rod (5), washer (6), and spring (7) into housing (8).
7. Install new o-ring (4) on end cap (3).
8. Install four cap screws (1) through washers (2) and end cap (3). See alignment notes in Figure 1. Force and hold end cap (3) to housing (8). Align cap screws with housing and engage threads into housing. Tighten cap screws evenly and sequentially. Torque cap screws 29.8-33.9 N·m (22-25 lb·ft).

NOTE: Clutch slave cylinder for use with Mineral Base Hydraulic Oil only.

- Items included in Repair Kit 02-100-046

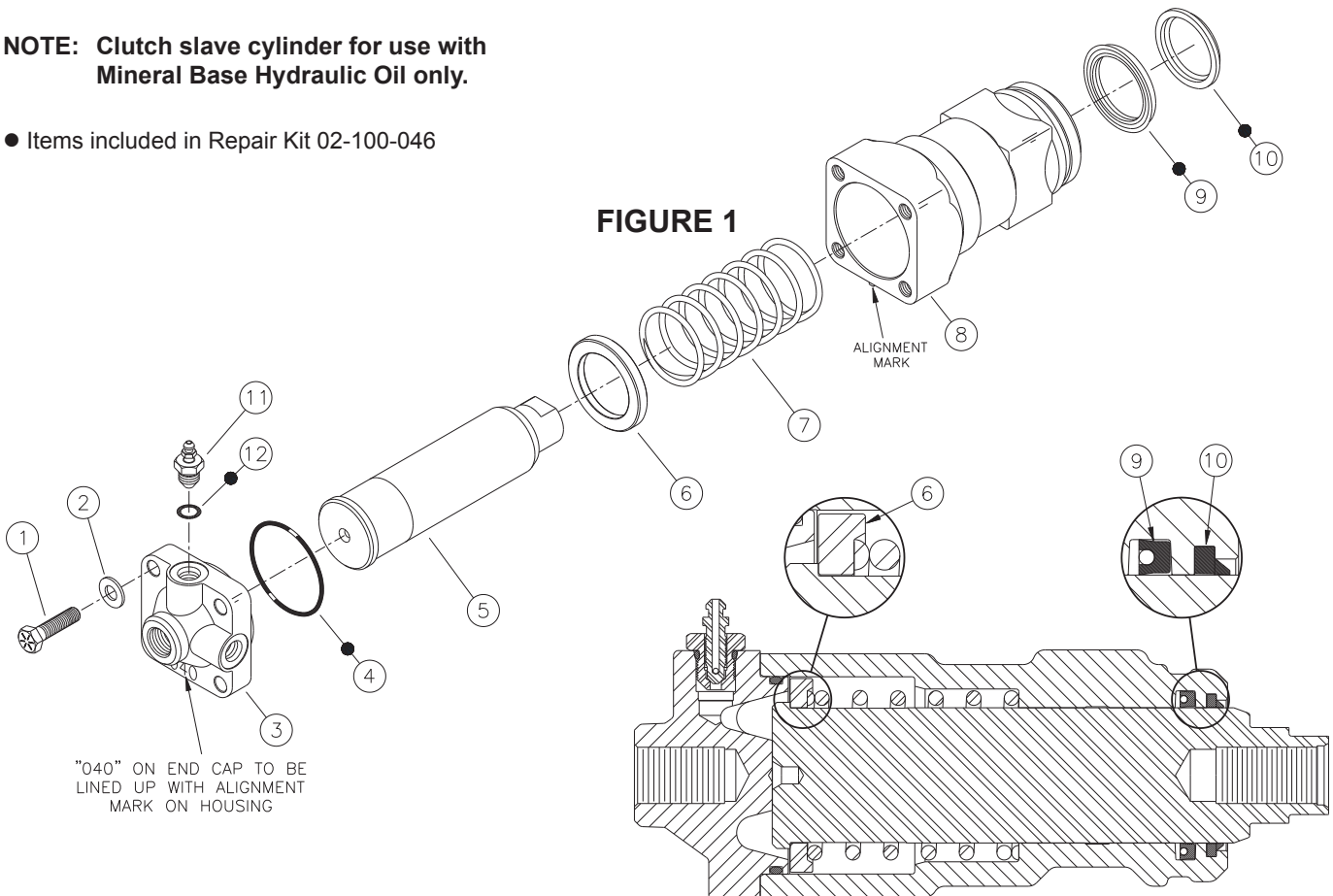


FIGURE 2

