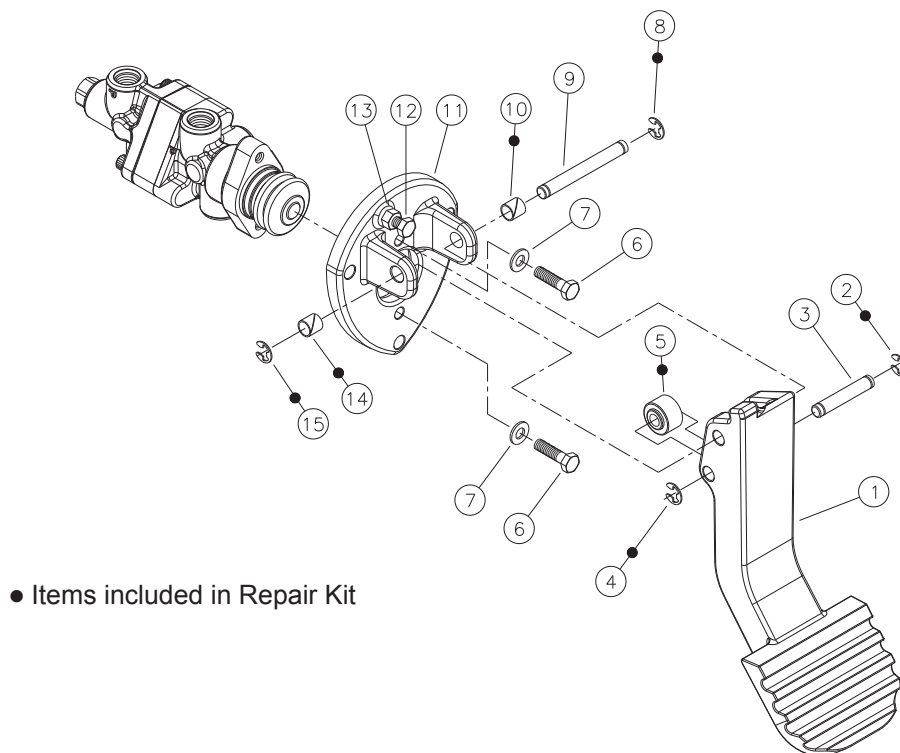


Single Pedal Actuated POWER BRAKE VALVE

Service Instructions



PEDAL DISASSEMBLY

NOTE

Do not loosen or remove cap screw (12) or nut (13).

1. Separate pedal (1) from base (11) by removing e-ring (8) from pin (9) and sliding pin (9) from base (11). Remove e-ring (15) from pin (9).
2. Remove bushings (10 & 14) from base (11).
3. Remove e-ring (2) from pin (3) and remove pin (3) from pedal (1) and cam (5). Remove e-ring (4) from pin (3).
4. Separate valve assembly from base (11) by removing cap screws (6) and washers (7).

PEDAL ASSEMBLY

NOTE

Thoroughly clean and inspect base (11), pedal (1) and pins (3 & 9). If these parts are damaged or worn they must be replaced. Before assembling pins (3 & 9) lubricate with a good quality polymer base moly grease.

1. Attach valve assembly to base (11) using cap screws (6) and washers (7). Torque cap screws 24.4-29.8 N·m (18-22 lb·ft).
2. Install new bushings (10 & 14) in base (11).
3. Install new e-ring (4) on pin (3). Install pin (3) through pedal (1) and new cam (5). Install new e-ring (2) on pin (3).
4. Install new e-ring (15) on pin (9). Align pedal (1) between ears of base (11) and install pin (9). Install new e-ring (8).

NOTE

If cap screw (12) or nut (13) are loosened or removed, they must be properly readjusted. With all parts assembled, adjust cap screw (12) to allow the valve spool to fully release. After adjustment is made torque nut (13) 24.4-29.8 N·m (18-22 lb·ft).