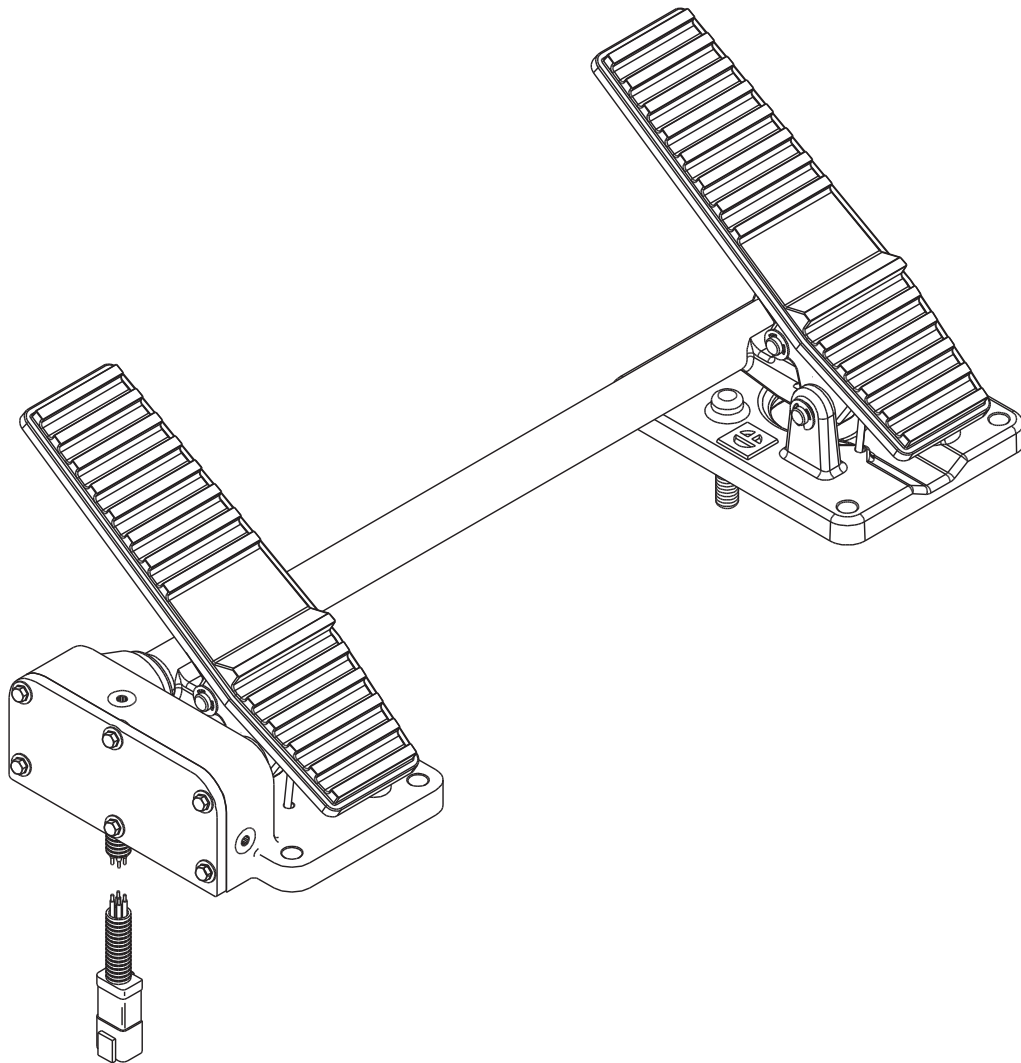


# Pedal Assembly for Power Brake Valves Service Instructions

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## DISASSEMBLY

(Refer to Figure 1 & 2)

1. Remove the pedal assemblies from the vehicle and separate by removing lever (13). Remove washers (14) from each end of lever (13).
2. Remove seals (15) from base (16 & 18). Note direction of seal (15) in each base.
3. Remove screws (1), cover (2) and seal (3) from base (18).
4. Remove screws (4).
5. Remove switch (6) while disconnecting the harness wires from switch (6). For reassembly purposes be sure to note wire to switch connections before disconnecting wires. **NOTE: Switch pin locations are not the same on switch (6) and switch (5). See NOTE in Figure 1.**
6. Remove screws (23), switch (5) and spacer (24) from base (18). For reassembly purposes be sure to note wire to switch connections before disconnecting wires.
7. Remove plugs (8) from base (18). Remove o-rings (7) from plugs (8).
8. Loosen or remove cap screw (11) from pedal (12).
9. Remove e-ring (17) from end of shaft assembly (19).
10. Separate pedal (12) from base (18) by carefully removing shaft assembly (19) and spring (10).
11. Remove set screw (22) and knob (20) from shaft assembly (19).
12. Use a small pick or similar tool and remove o-ring (9) from groove in base (18).

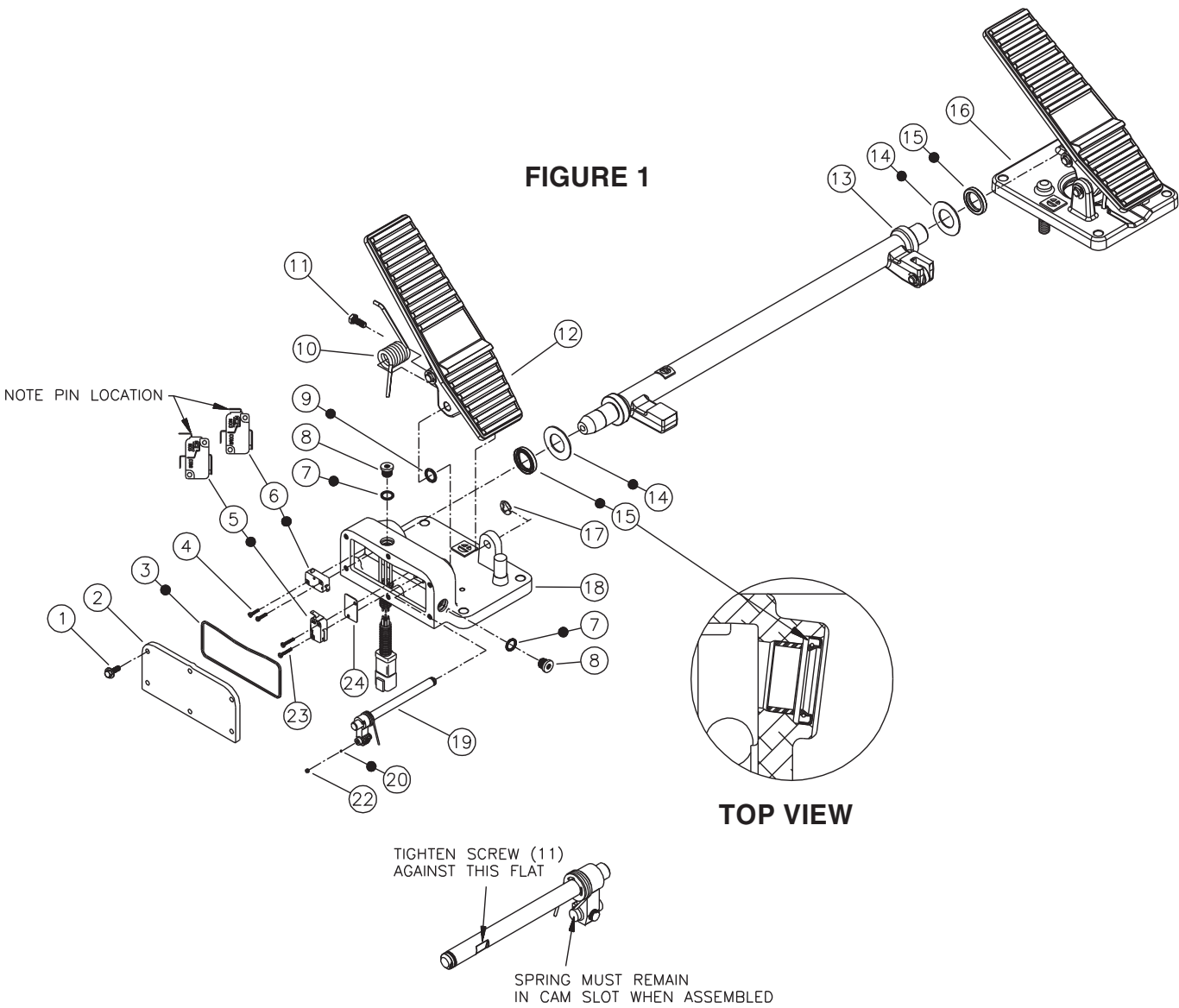
## ASSEMBLY

(Refer to Figure 1 & 2)

LUBRICATE ALL RUBBER COMPONENTS FROM REPAIR KIT WITH A LIGHT MINERAL BASE OIL BEFORE ASSEMBLING.

1. Seat new o-ring (9) in groove in base (18).
2. Install screws (4) thru new switch (6). While holding switch assembly in your fingers, reattach wires to the proper switch pins. Align and torque screws (4) 0.23-0.57 N·m (2-5 lb·in).
3. Install screws (23) thru new switch (5) and spacer (24). While holding switch assembly in your fingers, reattach wires to the proper switch pins. Align and torque screws (23) 0.23-0.57 N·m (2-5 lb·in).
4. Install new knob (20) and set screw (22) in shaft assembly (19). Torque set screw 1.13-1.70 N·m (10-15 lb·in).
5. Carefully install shaft assembly (19), spring (10), and pedal (12). Install e-ring (17). Note direction of shaft assembly (19). Be sure spring (10) is properly positioned and spring end is in hole in base (18). Spring on shaft assembly (19) must remain in slot in cam during assembly, see Figure 2. **NOTE: Be careful not to damage switch in base (18).**
6. Be sure pedal is equally spaced between ears of base (18), moves freely and is in an upright position. Install cap screw (11) so it contacts the flat on shaft assembly (19) and torque cap screw (11) 9.04-10.17 N·m (80-90 lb·in). See Figure 2.
7. Install new seal (3), cover (2) and screws (1) in base (18). Torque screws (1) 1.13-1.70 N·m (10-15 lb·in).
8. Install new o-rings (7) on plugs (8). Install plugs (8) in base (18) and torque 13.6-19.0 N·m (10-14 lb·ft).
9. Install new seals (15) in base (16 & 18). Note direction of seals (15).
10. Install new washers (14) on each end of lever (13).
11. Reinstall pedal assemblies and lever (13) on vehicle.

● Items included in Repair Kit



**FIGURE 2**