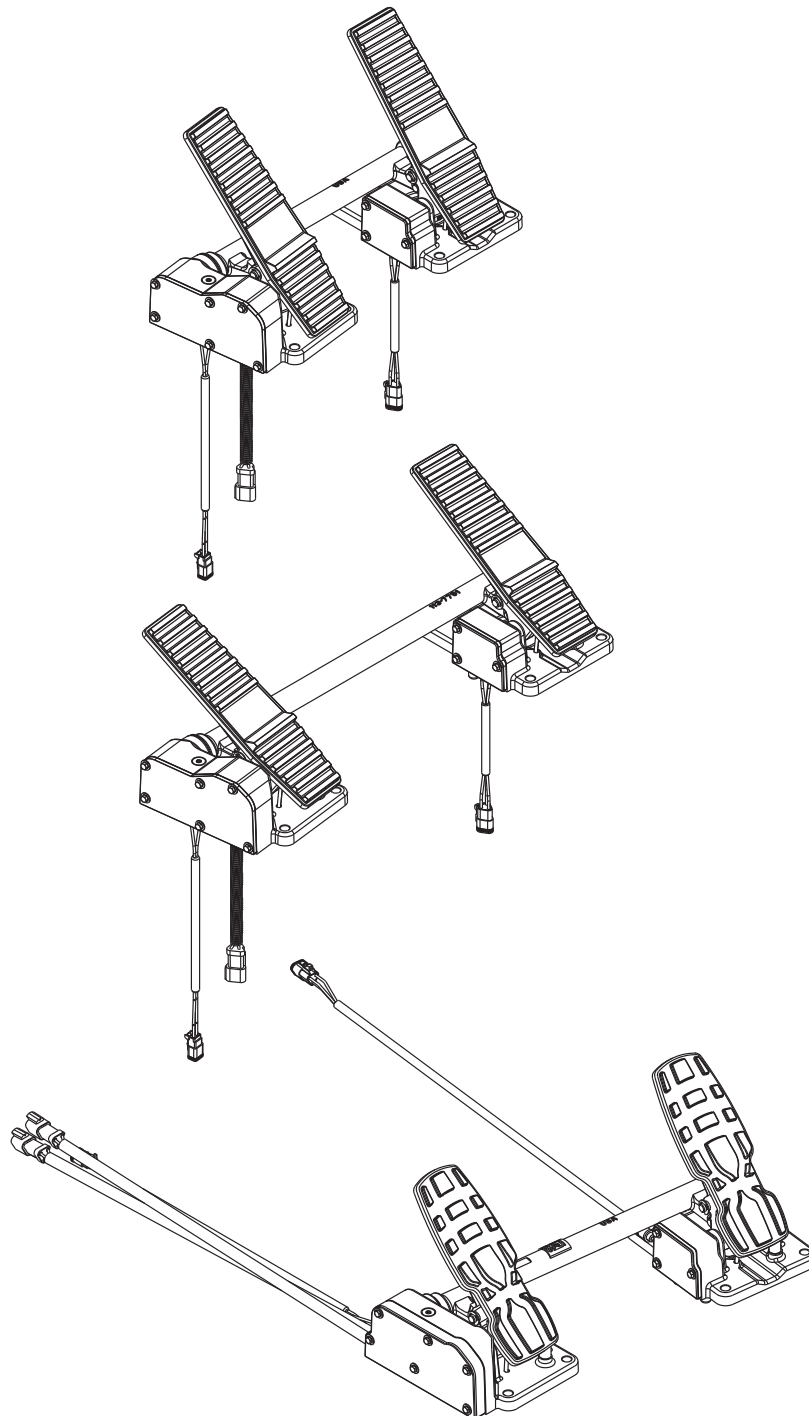


Pedal Assembly for Power Brake Valves Service Instructions



NOTE

This literature services various pedal assembly models. The components shown in Figure 1 may appear different than what is found in your pedal assembly.

DISASSEMBLY

(Refer to Figure 1)

1. Remove the pedal assemblies from the vehicle and separate by removing lever (8). Remove washers (9) from each end of lever (8).
2. Remove seals (10) from base (16 & 21). Note direction of seal (10) in each base.
3. Remove screws (1) and cover (2). Remove o-ring (3) from cover (2).
4. Remove screws (4) and switch (5) from base (21).
5. Remove plug (7) from base (21). Remove o-ring (6) from plug (7).
6. Remove screws (20), and cover (19) from base (16). Remove seal (18) from cover (19).
7. Loosen or remove cap screw (13) from pedal (14).
8. Remove e-ring (15) from end of shaft assembly (17).
9. Separate pedal (14) from base (16) by carefully removing shaft assembly (17) and spring (12). Note the position of spring (12). **NOTE: Be careful not to damage switch in base (16).**
10. Use a small pick or similar tool and remove o-ring (11) from groove in base (16).

2. Carefully install shaft assembly (17) and spring (12). Install e-ring (15). Note direction of shaft assembly (17). Be sure spring (12) is properly positioned and spring end is in hole in base (16). **NOTE: Be careful not to damage switch in base (16).**
3. Be sure pedal is equally spaced between the ears of base (16), moves freely, and is in an upright position. Install cap screw (13) so it contacts the flat on shaft assembly (17). See Figure 1a. Torque cap screw (13) 9.04-10.17 N·m (80-90 lb·in).
4. Install new seal (18), cover (19), and screws (20) in base (16). Torque screws (20) 1.13-1.70 N·m (10-15 lb·in).
5. Install screws (4) through new switch (5). While holding switch assembly in your fingers, reattach wires to the proper switch pins.
6. Install switch (5) into base (21). Align and torque screws (4) 0.23-0.57 N·m (2-5 lb·in).
7. Install new o-ring (3) in groove on cover (2). Install cover (2), and screws (1). Torque screws (1) 1.13-1.70 N·m (10-15 lb·in).
8. Install new o-ring (6) on plug (7). Install plug (7) in base (21) and torque 6.78-7.91 N·m (60-70 lb·in).
9. Install new seal (10) in base (16 & 21). Note direction of seal (10).
10. Install new washers (9) on each end of lever (8).
11. Reinstall pedal assemblies and lever (8) on machine. Be sure the pedals are functioning properly before moving the machine.

ASSEMBLY

(Refer to Figure 1)

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

1. Seat new o-ring (11) in groove in base (16).

• Items included in Repair Kit

