

DAMPER VALVE SECTION

Service Instructions

Caterpillar Part Number	Caterpillar Repair Kit Number
303-2289	318-6579
329-1521	318-6579

NOTE

See machine servicing information for procedures to remove valve assembly from machine. Be sure entire servicing procedure is done with contamination free methods.

SEPARATING VALVE SECTIONS

(Refer to Figure 1)

1. Remove oil drain plug (1) from housing (8) and drain fluid from unit.
2. Remove e-ring (2) from pin (3). Remove pin (3) from base assembly (5) and remove pedal (4).
3. Remove two cap screws (6) and two washers (7) and separate base assembly (5), damper valve section (8) and modulating valve section (9).

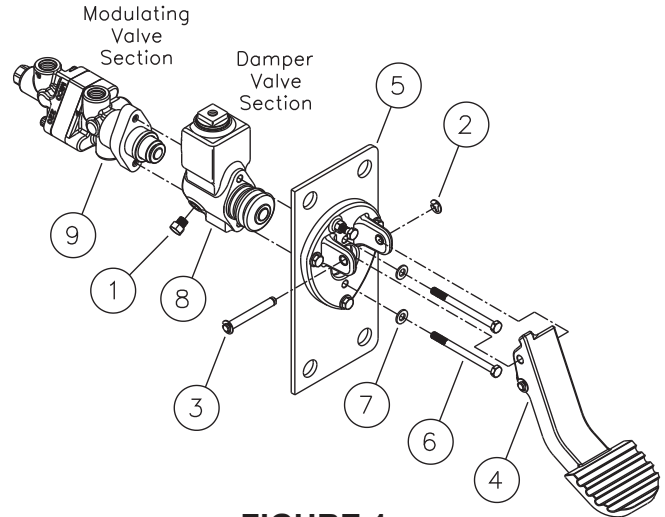


FIGURE 1

SERVICING DAMPER VALVE SECTION

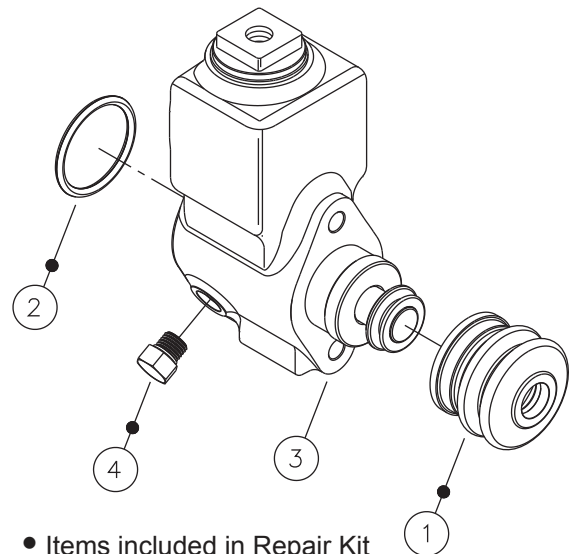
(Refer to Figure 2)

1. Remove boot (1) and o-ring (2) from housing (3).
2. Install new drain plug (4) in housing (3) and torque 20.3-27.1 N·m (15-20 lb·ft).
3. Install new o-ring (2) and new boot (1) on housing (3).

ATTACHING VALVE SECTIONS

(Refer to Figure 1)

1. Attach base assembly (5), damper valve section (8), and modulating valve section (9) using two cap screws (6) and two washers (7). Torque cap screws (6) 24.4-29.8 N·m (18-22 lb·ft).
2. Align pedal (4) between ears on base assembly (5) and install pin (3). Install e-ring (2) on pin (3).
3. See machine servicing information for procedures to reinstall valve assembly on machine.



• Items included in Repair Kit

FIGURE 2