

ACCUMULATOR CHARGING VALVE

Caterpillar Part Numbers: 366-0678 & 373-1565

Conversion Instructions

NOTE

Conversion Kit 422-5857 will change the pressure setting of the sequence valve from 4100 kPa to 2000 kPa.

⚠ WARNING

Be sure system energy is relieved from accumulator charging valve before removing from machine. See machine service manual for procedures to relieve system energy.

Disassembly

(Refer to Figure 1)

BE SURE ENTIRE SERVICING PROCEDURE IS DONE WITH CONTAMINATION FREE METHODS.

1. Disconnect fluid lines and electrical connections and remove accumulator charging valve from machine as recommended in the machine service manual.
2. Remove plug (6), spring (5), dowel pin (4) and shim(s) (3) and discard these items. NOTE: Plug (6) is under tension of spring (5), remove slowly to relieve spring tension.
3. Remove washer (2) from housing (1).

Assembly

(Refer to Figure 2)

1. Inspect housing (1) bore and washer (2) and be sure they are free of debris and contamination. Lubricate new o-ring (5) from conversion kit with clean type fluid used in the system.
2. Install new o-ring (5) on new plug (6). Reinstall washer (2) in housing (1). Install new dowel pin (3), new spring (4) and new plug (6) in housing (1). Torque plug (6) 47.5-54.2 N·m (35-40 lb·ft). Note that shim(s) do not get reinstalled in charging valve.
3. See machine service manual to properly reinstall accumulator charging valve.

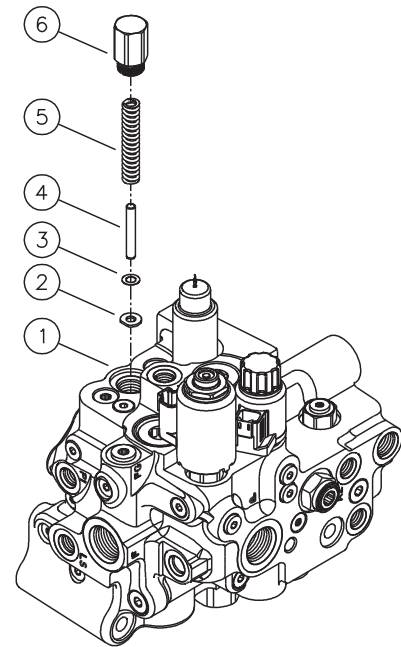


FIGURE 1

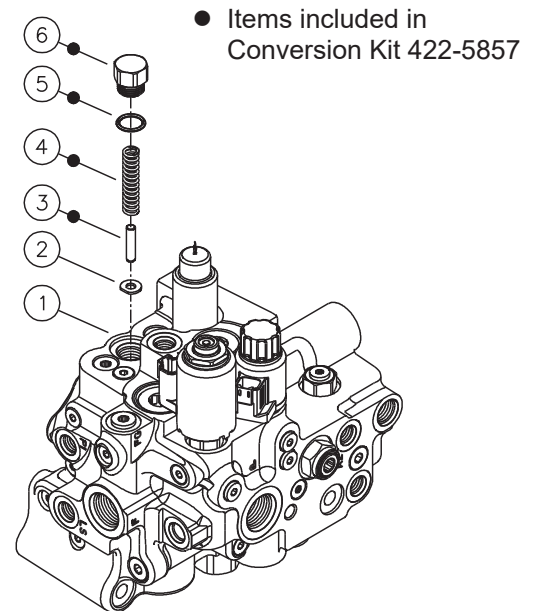


FIGURE 2