

Disassembly and Assembly

E240C & EL240C EXCAVATORS MACHINE SYSTEMS

Media Number -SEN6069-01

Publication Date -01/01/2005

Date Updated -29/08/2005

SEN60690048

Slow Return Check Valve

SMCS - 5487-010

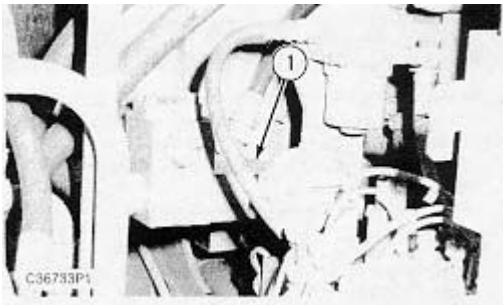
Remove & Install Slow Return Check Valve

NOTE: The slow return check valve is located behind the hydraulic accumulator.

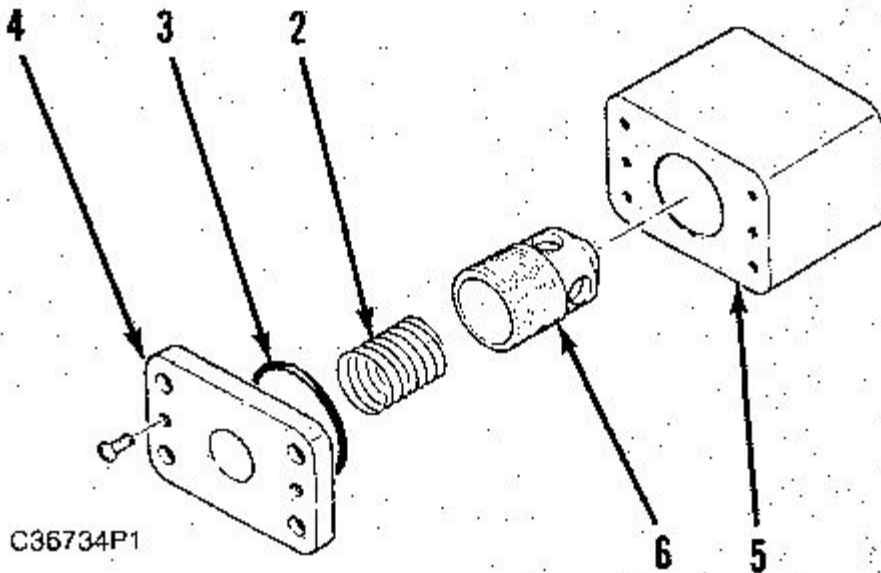


At operating temperature, the hydraulic oil tank is hot and under pressure. Hot oil can cause burns. Remove the fill plug only when the engine is stopped, and the fill plug is cool enough to touch with your bare hand.

1. Release the pressure in the hydraulic system by slowly loosening the fill plug located on the top of the hydraulic oil tank.



2. Remove the four socket head bolts and slow return check valve (1).



3. Disassemble the slow return check valve as follows:

- a. Remove the two screws, retainer (4), O-ring seal (3), spring (2) and poppet (6) from body (5).

NOTE: Assemble and install the slow return check valve in the reverse order of removal and disassembly. Prior to assembling the valve, check the condition of O-ring seal (3). If the seal is worn or damaged, use a new part for replacement.

4. Check the oil level in the hydraulic oil tank. Fill the hydraulic oil tank to the correct level. See the Operation & Maintenance Manual for the correct filling procedure.
