

Shuttle Valve - Install - Straight Travel

SMCS - 5079-012

Installation Procedure

Note: Cleanliness is an important factor. Before installation, ensure that all parts and mating surfaces are clean. Inspect all parts. If any parts are worn or damaged, use new parts for replacement.

Note: Check the O-ring seals for wear and for damage. Replace the O-ring seals, if necessary.

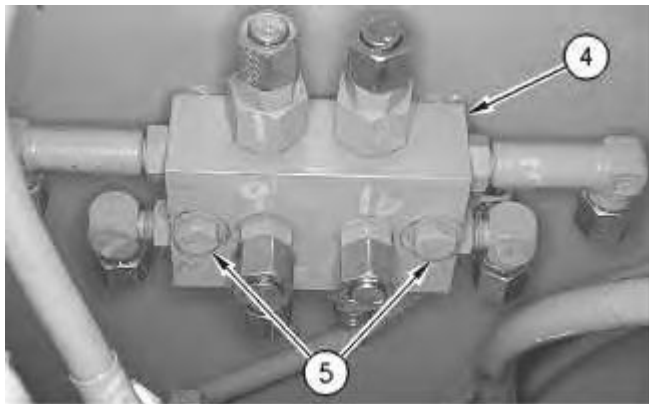


Illustration 1
Typical example

g00636154

1. Install shuttle valve (4) beneath the cab floor. Install bolts (5) and washers in order to secure the shuttle valve to the machine.

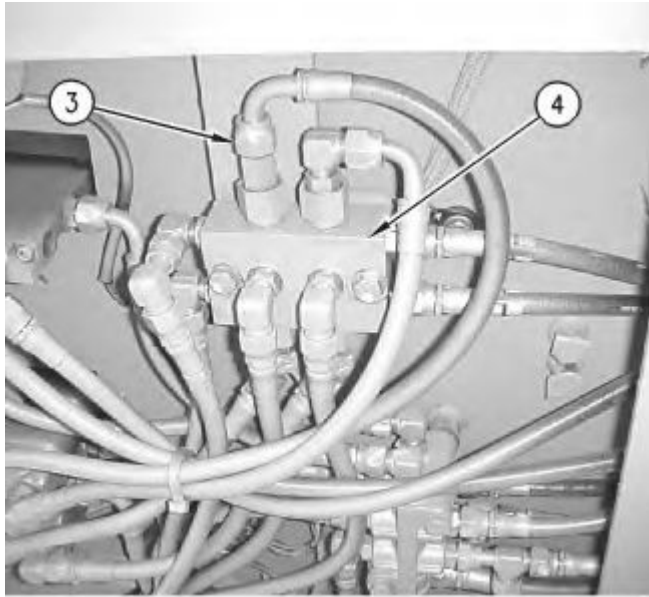


Illustration 2

g00845934

2. Connect hose assemblies (3) to shuttle valve (4).
3. Fill the hydraulic system. Refer to Operation and Maintenance, "Hydraulic System Oil Level - Check".
4. Start the machine. Check for any leaks. Repair any leaks.

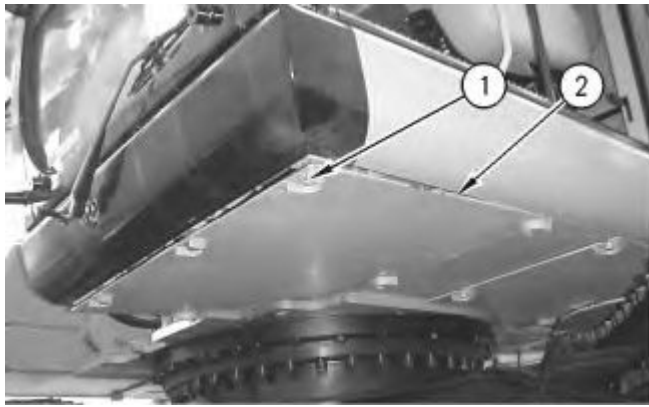


Illustration 3

g00845932

5. Install plate assembly (2) beneath the cab. Install bolts (1) and the washers in the plate assembly beneath the cab.

Note: Install high efficiency filters in place of the pilot filter, the case drain filter, and the return filter. You can operate the machine up to 250 hours after you install the high efficiency filters. Do not run for more than 250 hours before you change back to the standard filters.

6. Obtain a hydraulic oil sample from the main S·O·S port. Refer to Operation and Maintenance, "Sampling Interval and Location of Sampling Valve" for the location of the sampling valve.
7. If the S·O·S sample exceeds ISO 18/15, flush the hydraulic system. Refer to Contamination Control Guideline, SEBF8447.



Shuttle Valve - Install - Auxiliary Control

SMCS - 5079-012

Installation Procedure

Note: Before you begin the following procedure, swing the upper structure in order to gain access to the plate assembly which is located under the rear of the cab.

Note: Check the O-ring seals for wear or for damage. Replace the O-ring seals, if necessary.

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

Assembly Procedure

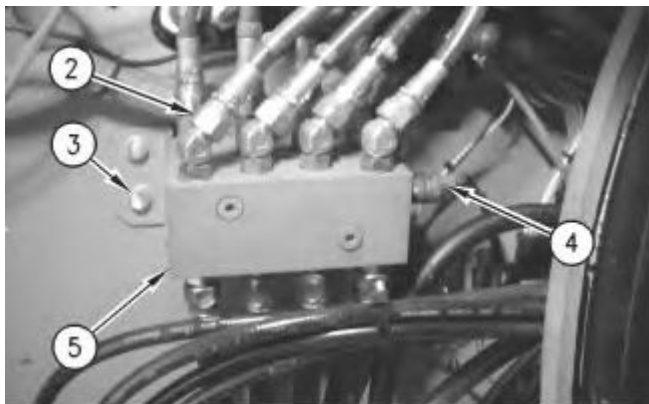


Illustration 1

g00822413

1. Place shuttle valve (5) in position and install bolts (3) and washers in order to secure the shuttle valve to the machine.
2. Install switch assembly (4) in the shuttle valve and connect the switch assembly to the harness.