CATERPILLAR®

Service Repair Manual

Models

Caterpillar Cat 232 SKID STEER LOADER

Product: SKID STEER LOADER
Model: 232 SKID STEER LOADER CAB
Configuration: 216 226 232 242 Skid Steer Loader CAB00001-UP (MACHINE) POWERED BY 3024C, 3034 Engine

Disassembly and Assembly
216, 226, 232 and 242
Skid Steer Loaders Machine Systems
Media Number -RENR4838-02 **Publication Date -01/11/2009** **Date Updated -04/11/2009**

i01780412

Control Valve (Work Tool) - Remove

SMCS - 5051-011

Removal Procedure

Table 1

Required Tools			
Tool	**Part Number**	**Part Description**	**Qty**
A	6V-9507	Face Seal Plug (9/16 - 18 THD)	4
	6V-9828	Cap As (9/16 - 18 THD)	4
	6V-9508	Face Seal Plug (11/16 - 16 THD)	2
	6V-9829	Cap As (11/16 - 16 THD)	2
	6V-9511	Face Seal Plug (1 3/16 - 12 THD)	1
	6V-9832	Cap As (1 3/16 - 12 THD)	1
	9U-7084	Cap (1 5/16)	1

Start By:

A. Release the pressure in the hydraulic system. Refer to Disassembly and Assembly, "Hydraulic System Pressure - Release".

Note: SERVICE DATA: TOOLING (A) WILL NOT BE IDENTIFIED IN PHOTOGRAPHS IN THE REMOVAL OR THE INSTALLATION. THIS TOOLING IS SHOWN IN ORDER TO ASSIST THE EXPERIENCED SERVICEMAN.

Personal injury can result from hydraulic oil pressure and hot oil.

Hydraulic oil pressure can remain in the hydraulic system after the engine has been stopped. Serious injury can be caused if this pressure is not released before any service is done on the hydraulic system.

Make sure all of the work tools have been lowered to the ground, and the oil is cool before removing any components or lines. Remove the oil filler cap only when the engine is stopped, and the filler cap is cool enough to touch with your bare hand.

WARNING

Personal injury or death can result without releasing all of the hydraulic pressure.

Release all the pressure from the hydraulic system before any lines are disconnected.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Caterpillar Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

NOTICE

Keep all parts clean from contaminants.

Contamination of the hydraulic system with foreign material will reduce the service life of the hydraulic system components.

To prevent contaminants from entering the hydraulic system, always plug or cap the lines, fittings, or hoses as they are disconnected. Cover

any disassembled components and clean them properly before assembly.

Clean the hydraulic system properly after any major component exchange or especially after a component failure, to remove any contamination.

Note: Cleanliness is an important factor. Before you begin the disassembly procedure, the exterior of the components should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism. Precision components can be damaged by contaminants or by dirt. Perform disassembly procedures on a clean work surface. Keep components covered and protected at all times.

Note: Put identification marks on all hoses, on all hose assemblies, on all wires, and on all tube assemblies for installation purposes. Plug all hose assemblies and all tube assemblies. This helps to prevent fluid loss, and this helps to keep contaminants from entering the system.

1. Drain the hydraulic tank. Refer to Operation and Maintenance Manual, SEBU7468, "Hydraulic System Oil - Change".

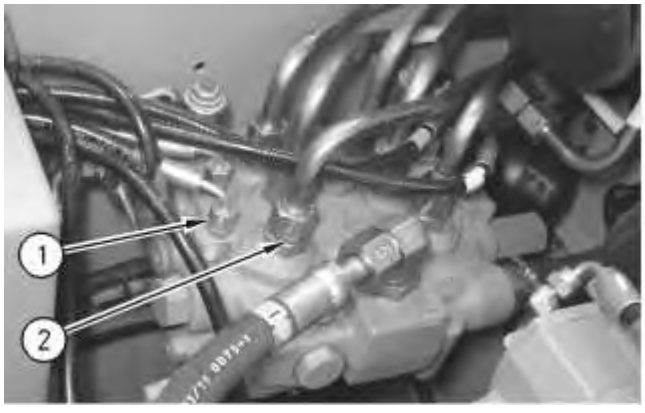

Illustration 1 g00902296

2. Disconnect seven hose assemblies (1). Disconnect six tube assemblies (2) .

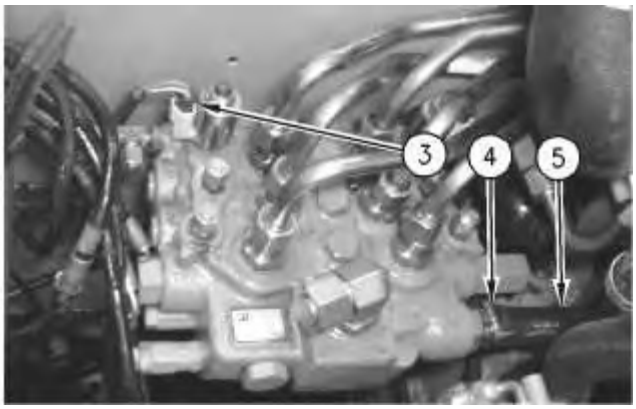

Illustration 2 g00902298

3. Disconnect two harness assemblies (3). Loosen clamp (4). Disconnect hose (5) .

Illustration 3 g00910523

4. Remove bolts (6) .

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