



Service Repair Manual

Models

Caterpillar Cat 236B3

SKID STEER LOADER

Product: SKID STEER LOADER

Model: 236B3 SKID STEER LOADER A9H

Configuration: 236B3 Skid Steer Loader A9H00001-UP (MACHINE) POWERED BY C3.4 IND Engine

Disassembly and Assembly

259B3 Compact Track Loader, 247B3 and 257B3 Multi Terrain Loaders and 216B3, 226B3, 236B3, 242B3 and 252B3 Skid Steer Loaders Power Train

Media Number -UENR0251-07

Publication Date -01/07/2018

Date Updated -11/07/2018

i02797709

System Pressure - Release - Hydraulic

SMCS - 4350-553-PX; 5050-553-PX

Release Procedure



WARNING

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.

1. Lower the armrest.
2. Turn the engine start switch to the ON position. Disengage the parking brake.
3. Press each side of the auxiliary hydraulic control switch (A1 and A2) for one to two seconds in order to release the auxiliary system pressure. Keep the joystick control in the NEUTRAL position while you press the auxiliary hydraulic control switch (A1 and A2).
4. Engage the parking brake.
5. Start the engine and run the engine for at least 15 seconds in order to recharge the accumulator.

6. Turn the engine start switch to the OFF position.
7. Do not raise the armrest.
8. Immediately, turn the engine start switch to the ON position. Disengage the parking brake.
9. Move both of the joystick controls through all of the operating positions in order to release the hydraulic pressure in the work tool system and the hydrostatic system.
10. Turn the engine start switch to the OFF position.

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i05396775

Piston Pump (Hydrostatic) - Remove

SMCS - 5070-011-H7

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	247-4296	Pump Support	1
B	138-7575	Link Bracket	1
C	159-3327 ⁽¹⁾	Wrench Adapter	1
	387-9124 ⁽²⁾	Wrench Adapter	1

⁽¹⁾ For use with hex head bolts.

⁽²⁾ For use with 12 point head bolts

Start By:

- a. Remove the hydraulic tank. Refer to Disassembly and Assembly, "Hydraulic Tank - Remove".
- b. Remove the gear pump. Refer to Disassembly and Assembly, "Gear Pump - Remove and Install".

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.

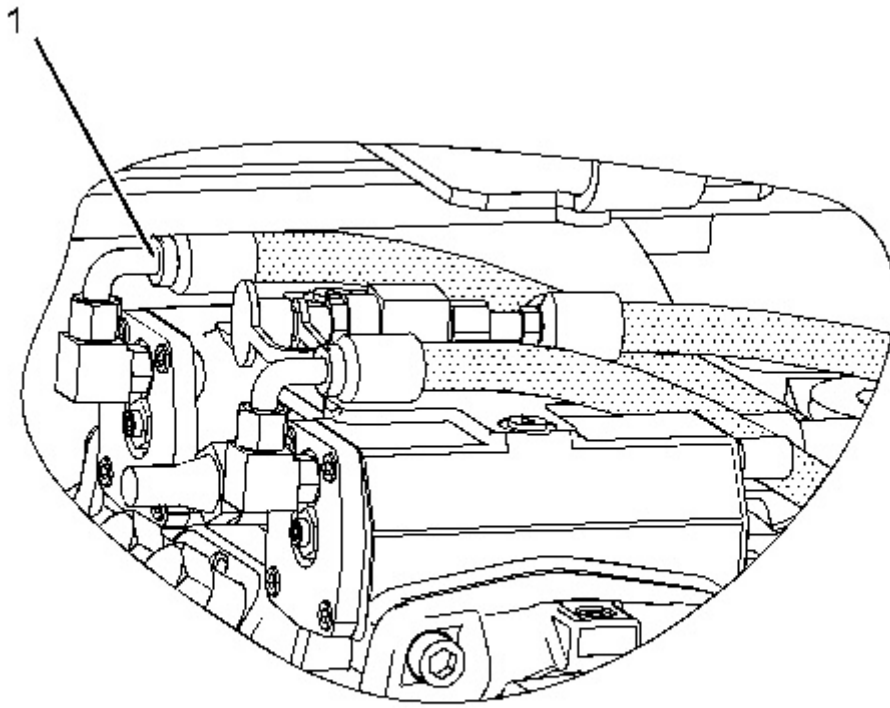


Illustration 1

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1. Disconnect hose assemblies (1).
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