CATERPILLAR®

Service Repair Manual

Models

904H COMPACT
WHEEL LOADER

Model: 904H COMPACT WHEEL LOADER H4T

Configuration: 904H Wheel Loader H4T00001-UP (MACHINE) POWERED BY S4Q2T Engine

Disassembly and Assembly 904H Compact Wheel Loader Power Train

Media Number -KENR7636-01

Publication Date -01/10/2011

Date Updated -31/10/2011

i03132349

System Pressure - Release

SMCS - 4250-553-PX; 4300-553-PX; 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 attachments have been lowered, 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 implements to the ground.
- 2. Shut off the engine.
- 3. Turn the key to the ON position before moving control levers.
- 4. Move the control levers through the full range of travel in order to release the hydraulic pressure.
- 5. Depress the brake pedal repeatedly in order to release the hydraulic pressure.
- 6. Slowly loosen the filler cap in order to release the tank pressure.
- 7. Tighten the filler cap.

8. The pressure in the hydraulic system has been released. Lines and components can be removed.

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i03132299

Bottom Guard - Remove and Install

SMCS - 7153

Removal Procedure

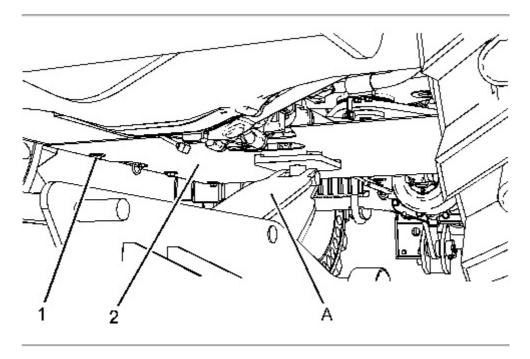


Illustration 1 g01687014

1. Place Tooling (A) under bottom guard (2). Remove bolts (1). Remove bottom guard (2). The weight of bottom guard (2) is approximately 18 kg (40 lb).

Installation Procedure

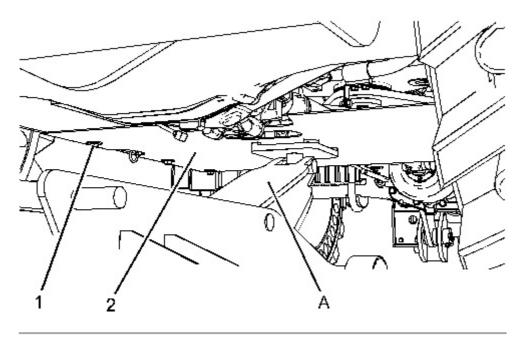


Illustration 2 g01687014

1. Position bottom guard (2) on Tooling (A). Position bottom guard (2) and install bolts (1). The weight of the bottom guard (2) is approximately 18 kg (40 lb).

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