



Service Repair Manual

Models

**904B COMPACT
WHEEL LOADER**

Product: COMPACT WHEEL LOADER

Model: 904B COMPACT WHEEL LOADER B4L

Configuration: 904B Compact Wheel Loader B4L00001-UP (MACHINE) POWERED BY S4Q2T Engine

Disassembly and Assembly 904B Wheel Loader Power Train

Media Number -REN9758-00

Publication Date -01/06/2005

Date Updated -23/06/2005

i02338391

Piston Pump (Hydrostatic) - Remove

SMCS - 3203-011

Removal Procedure

Table 1

Tool	Part Number	Description	Quantity
A	140-7742	Sleeve	1
B	1U-9200	Ratchet	1
	189-0410	Shackle	1
C	242-6163	Wrench	1

Start By:

- A. Remove the seat. Refer to Disassembly and Assembly, "Seat - Remove".
- B. Remove the gear pump. Refer to Disassembly and Assembly, "Gear Pump - Remove".



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.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the machine. 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 in Caterpillar machines.

Dispose of all fluids according to local regulations and mandates.

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

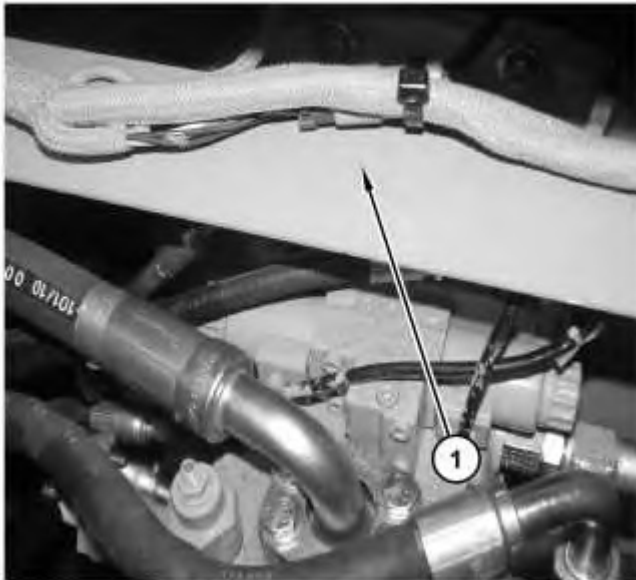


Illustration 1

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1. Remove plate (1) .
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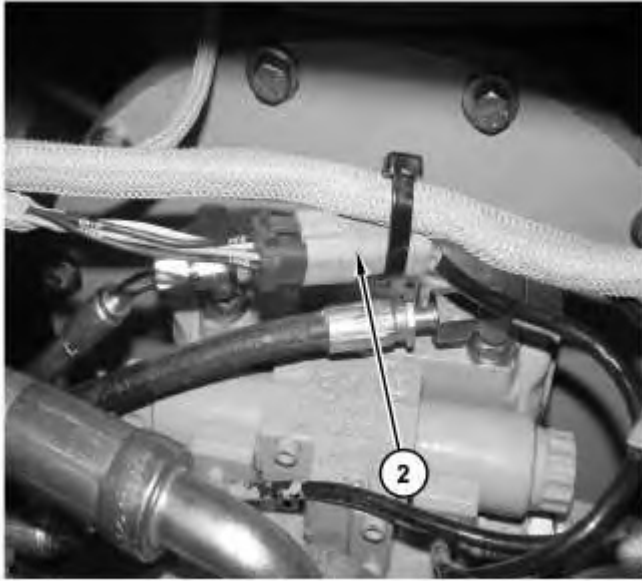


Illustration 2

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2. Disconnect harness assembly (2) .

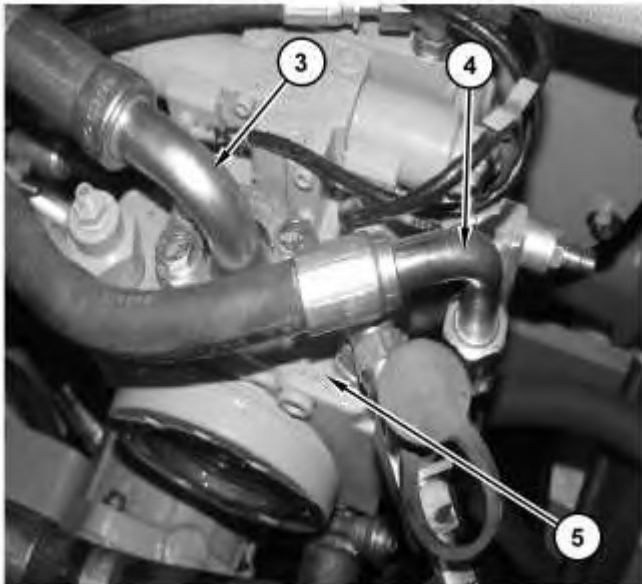


Illustration 3

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3. Disconnect hose assemblies (3) and (4) from piston pump (5) .

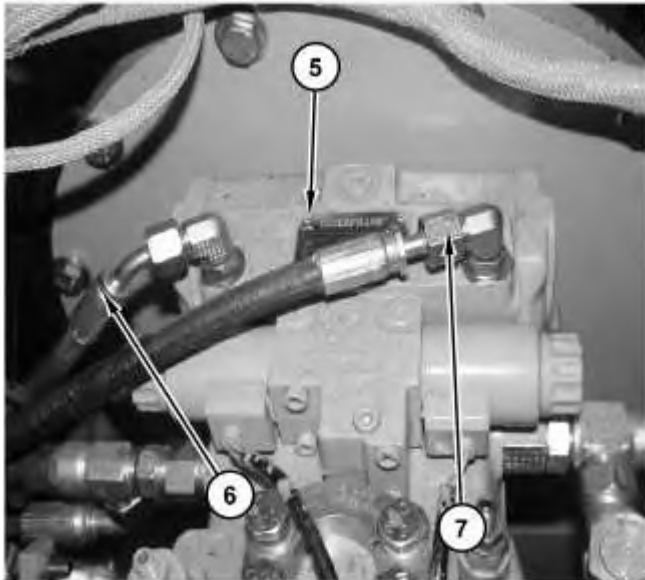


Illustration 4

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4. Disconnect hose assemblies (6) and (7) from piston pump (5) .

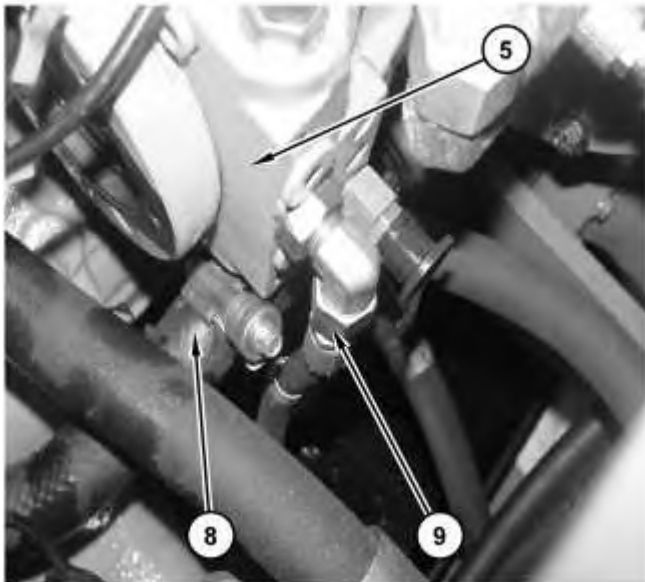


Illustration 5

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5. Disconnect hose assemblies (8) and (9) from piston pump (5) .
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