



Service Repair Manual

Models

M313C WHEELED Excavator

Product: WHEELED EXCAVATOR

Model: M313C WHEELED EXCAVATOR BDR

Configuration: M313C Excavator BDR02001-UP (MACHINE) POWERED BY 3054E Engine

Disassembly and Assembly M313C Excavator Machine Systems

Media Number -REN9201-02

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i02534307

Piston Pump (Swing) - Remove

SMCS - 5070-011-ZW

Removal Procedure

Start By:

- A. Remove the muffler. Refer to Disassembly and Assembly, "Muffler - Remove and Install".
 - B. Remove the gear pump. Refer to Disassembly and Assembly, "Gear Pump (Fan Drive) - Remove and Install".
1. Drain the hydraulic tank. Refer to Operation and Maintenance Manual, "Hydraulic System Oil - Change".

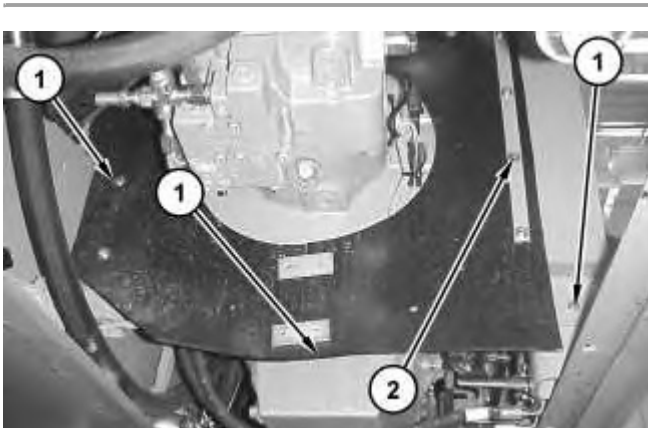


Illustration 1

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2. Remove bolts (1) and (2) .

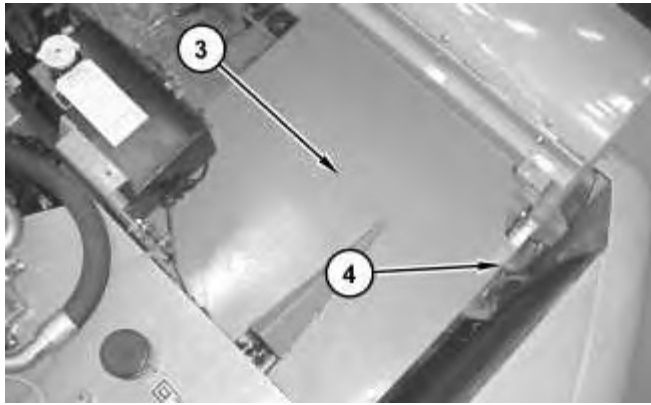


Illustration 2

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3. Remove bolts (4) .
4. Remove panel (3) .

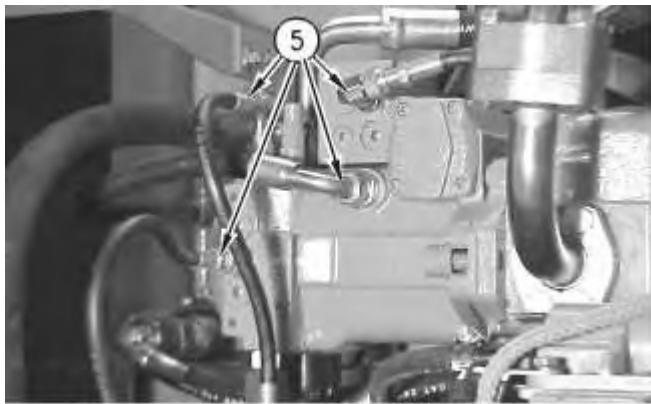


Illustration 3

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5. Disconnect hose assemblies (5) .

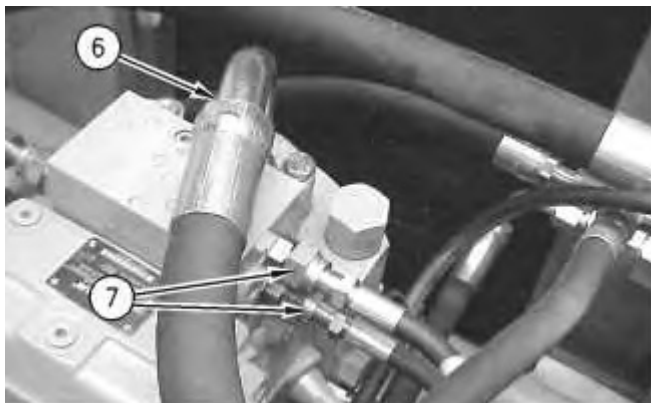


Illustration 4

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6. Disconnect hose assembly (6) .
7. Disconnect hose assemblies (7) .

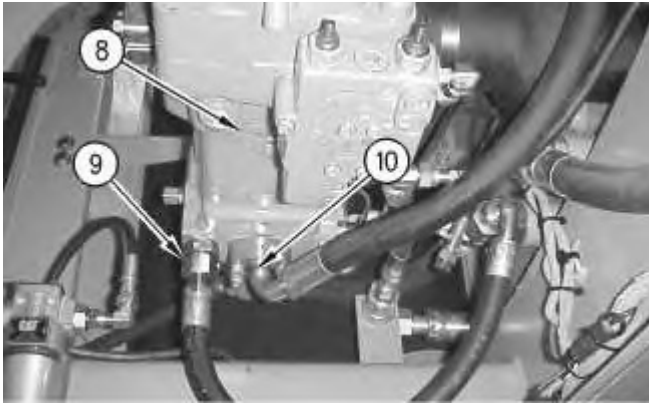


Illustration 5

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8. Disconnect hose assembly (9) and hose assembly (10) from piston pump (8) .

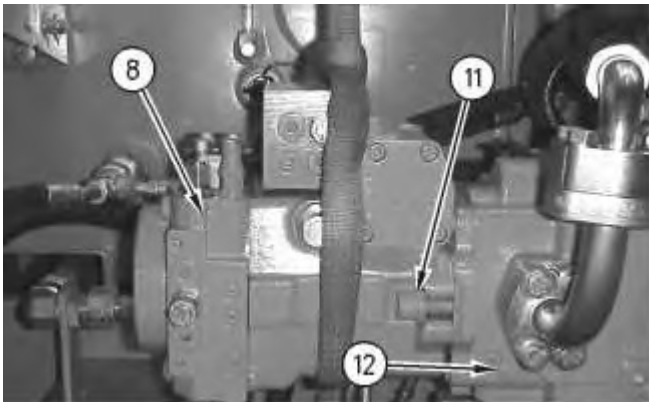


Illustration 6

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9. Attach a suitable lifting device to piston pump (8) .
 10. Remove bolts (11) .
 11. Remove piston pump (8) from main pump housing (12). The weight of the piston pump is approximately 54 kg (120 lb).
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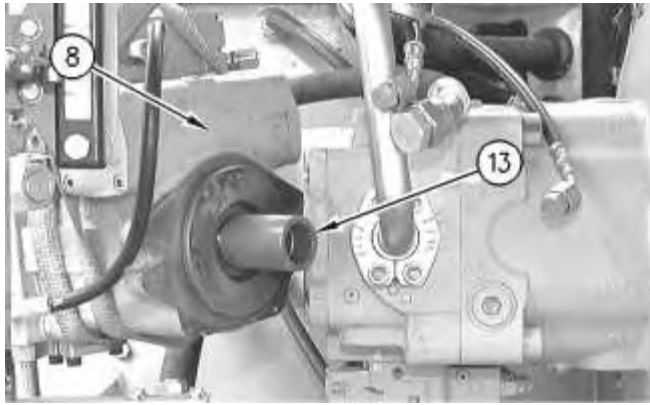


Illustration 7

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12. Remove drive coupling (13) from piston pump (8) .

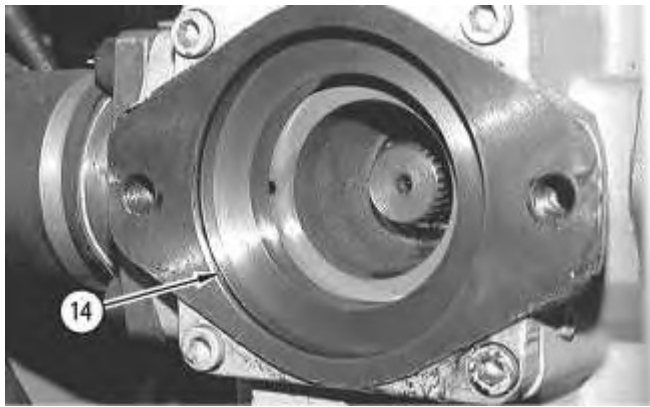


Illustration 8

g00995961

13. Remove O-ring seal (14) .

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