

Product: MINI HYD EXCAVATOR

Model: 301.7D MINI HYD EXCAVATOR LJ4

Configuration: 301.7D Mini Hydraulic Excavator LJ400001-UP (MACHINE)

Disassembly and Assembly 301.7D, 302.2D and 302.4D Mini Hydraulic Excavators

Media Number -UENR3253-01

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i05230329

Engine - Remove and Install

SMCS - 1000-010

Removal Procedure

Start By:

- A. Remove cab.
- B. Relocate trim.
- C. Remove the counterweight.
- D. Remove the muffler.

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, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat products.

Dispose of all fluids according to local regulations and mandates.

1. Drain Coolant. Refer to Operations and Maintenance Manual, "Cooling System Coolant (ELC) - Change" for the correct draining and filling procedures.
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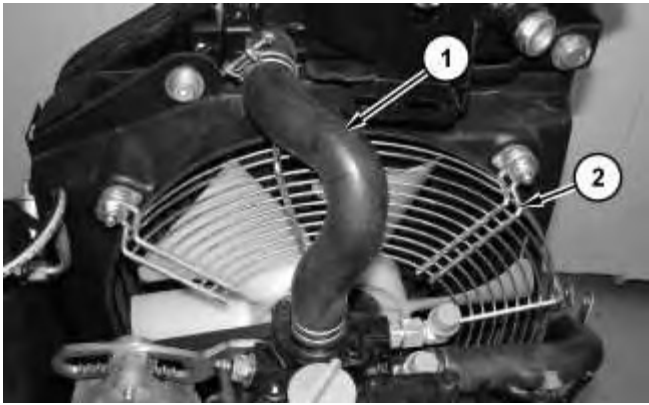


Illustration 1

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2. Remove hose assembly (1). Remove fan guard assembly (2) .

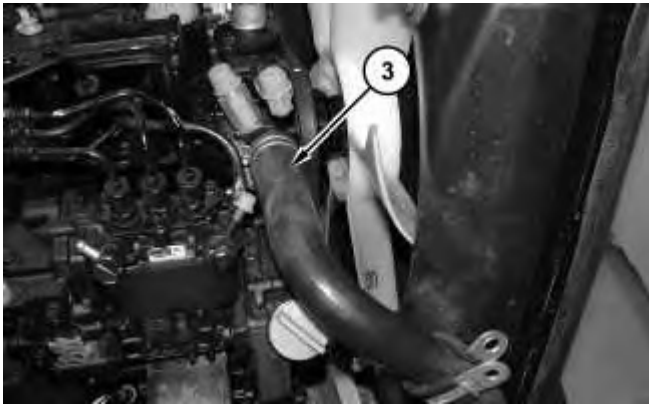


Illustration 2

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3. Remove hose assembly (3) .



Illustration 3

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4. Disconnect harness assemblies (4) .

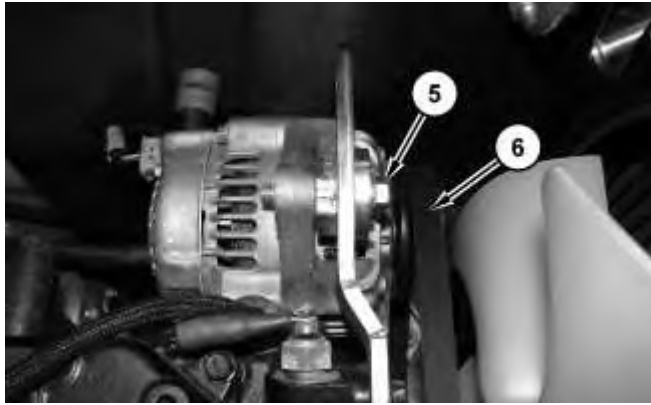


Illustration 4

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5. Loosen bolt (5). Loosen tension on belt (6).

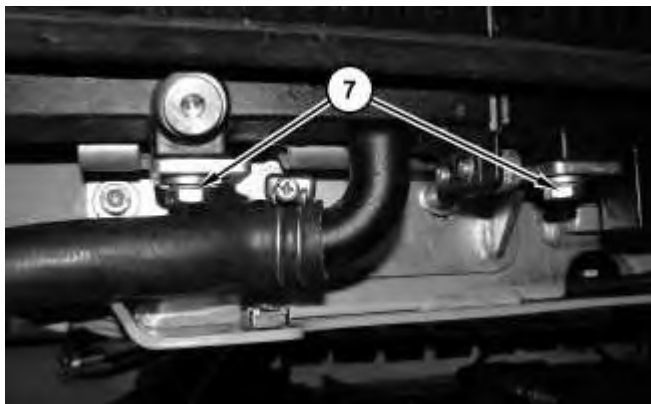


Illustration 5

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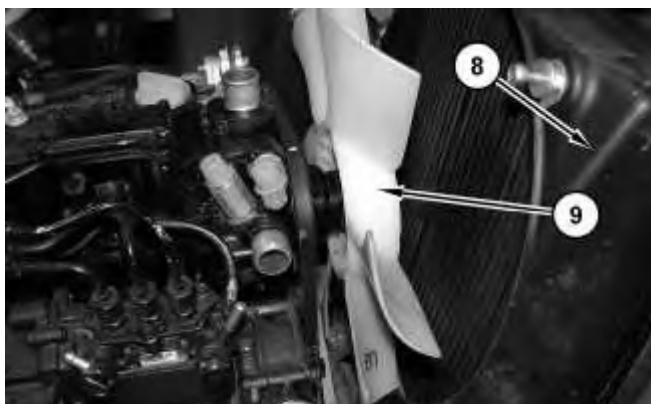


Illustration 6

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6. Loosen lower radiator mounting bolts (7). Tilt radiator (8) backwards in order to remove fan (9). Remove fan (9) .

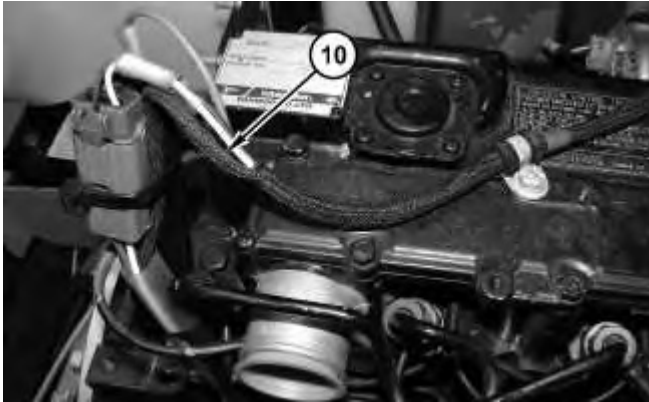


Illustration 7

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7. Disconnect harness assembly (10) .

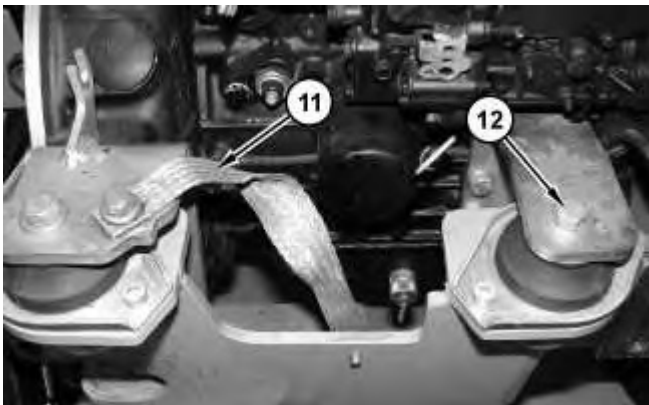


Illustration 8

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8. Disconnect ground strap (11). Remove mounting bolts (12) .
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to download the complete manual.

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