

Product: WHEEL LOADER

Model: 994D WHEEL LOADER 3TZ

Configuration: 994D WHEEL LOADER 3TZ00001-UP (MACHINE) POWERED BY 3516B Engine

## Disassembly and Assembly

### 3500 and 3500B High Displacement Engines for Caterpillar Built Machines

Media Number -SEN1126-33

Publication Date -01/07/2015

Date Updated -14/09/2018

i06151950

## Engine Oil Pump - Remove

SMCS - 1304-011

### Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7573	Link Bracket	1

#### Start By:

- A. Remove the fuel transfer pump. Refer to Disassembly and Assembly, "Fuel Transfer Pump - Remove".

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### 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.

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1. Drain the coolant from the cooling system into a suitable container for storage or disposal. Refer to the Operation and Maintenance Manual.

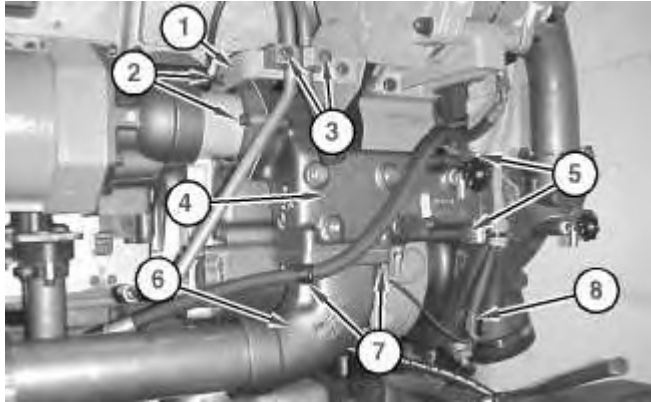


Illustration 1

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2. Disconnect harness assembly (8) .
3. Remove bolts (7) from elbow (6) .
4. Remove bolts (3) from the clamps.
5. Remove bolts (2) and remove bracket (1) .
6. Remove bolts (5) that hold housing (4) to the water pump. Remove housing (4) .

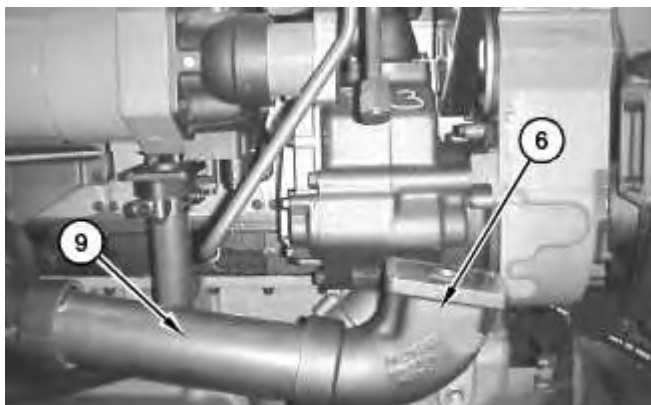


Illustration 2

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7. Remove elbow (6) and tube (9) .
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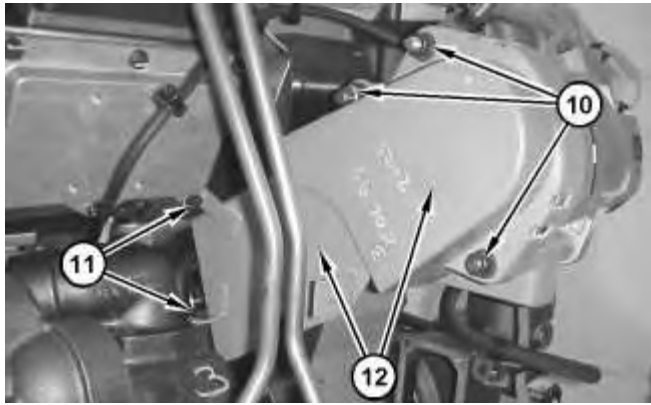


Illustration 3

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8. Remove bolts (11) and nuts (10) . Remove guards (12) .

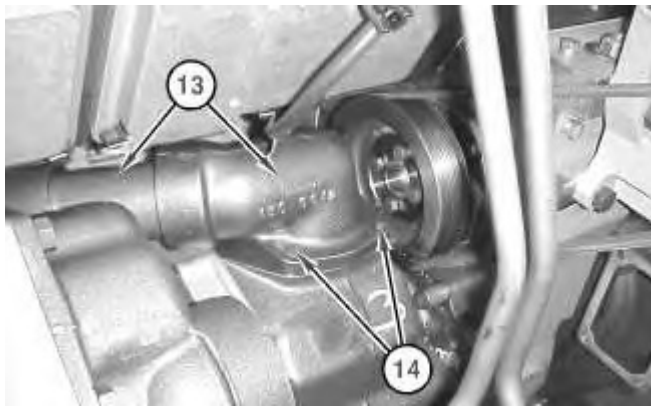


Illustration 4

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9. Remove bolts (14) and remove the elbow and tube (13) .

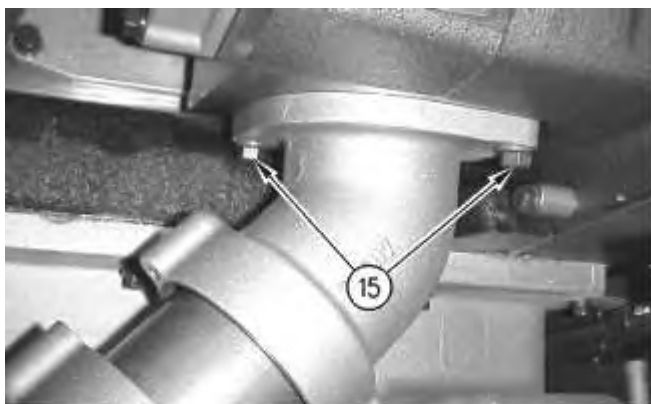


Illustration 5

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10. Remove bolts (15) .

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