



Service Repair Manual

Models

**D44B ARTICULATED
DUMP TRUCK**

Product: ARTICULATED TRUCK

Model: D44B ARTICULATED TRUCK 8SD

Configuration: D44B ARTICULATED DUMP TRUCK 8SD00001-UP (MACHINE) POWERED BY 3408 ENGINE

Disassembly and Assembly 3408 & 3408B INDUSTRIAL AND MARINE ENGINES

Media Number -SEN7382-02

Publication Date -01/12/1985

Date Updated -05/01/2016

SEN73820004

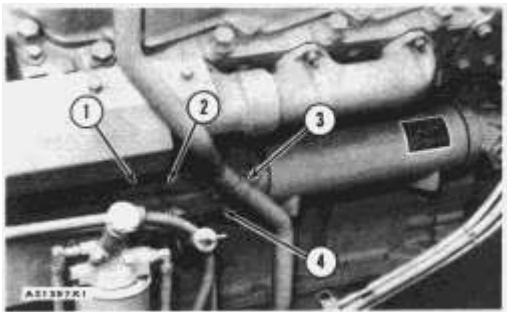
Engine Oil Cooler (Industrial Engine)

SMCS - 1378-011; 1378-012

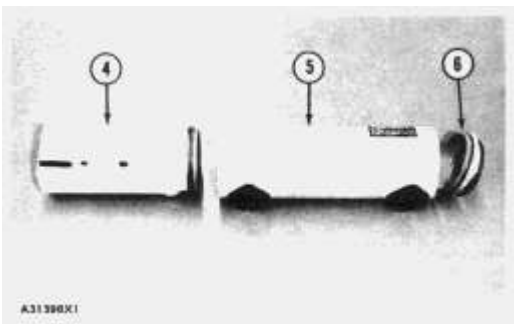
Remove Engine Oil Cooler (Industrial Engine)

START BY:

a. remove oil filter base

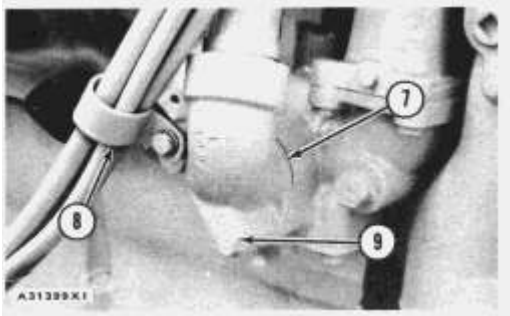


1. Remove breather tube (3). Remove bracket (1) that holds the oil level gauge.
2. Remove bolts (2) that hold bonnet (4) to the engine block.
3. Remove oil cooler and bonnet (4) as a unit.

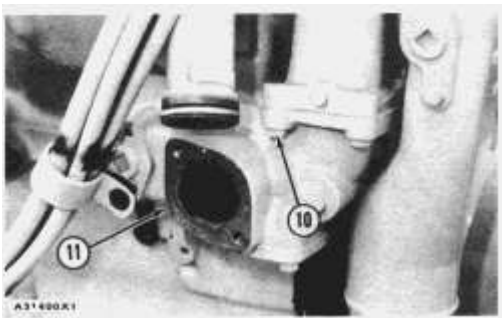


4. Remove bonnet (4) and adapter (6) from oil cooler (5). Remove the O-ring seals from bonnet (4) and adapter (6).

5. Clean the tube bundles in the engine oil cooler with a 3.18 mm (.125 in.) diameter rod.

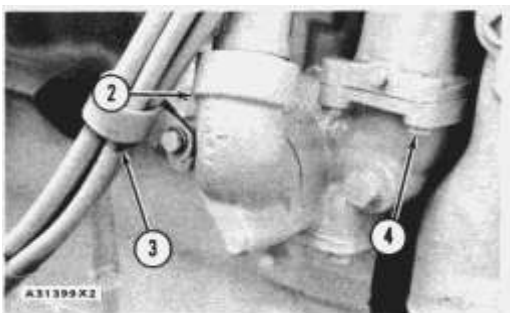
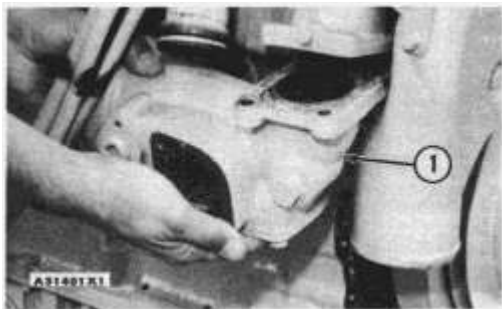


6. Remove bolts (9). Remove clamp (8) and elbow (7).



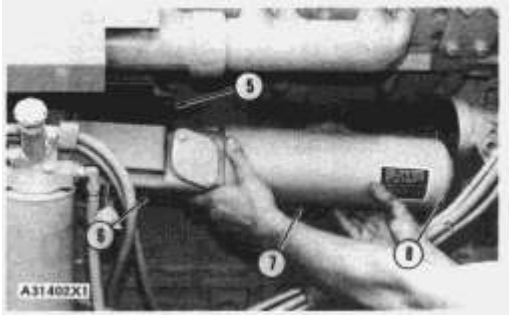
7. Remove four bolts (10). Remove bonnet (11).

Install Oil Cooler (Industrial Engine)

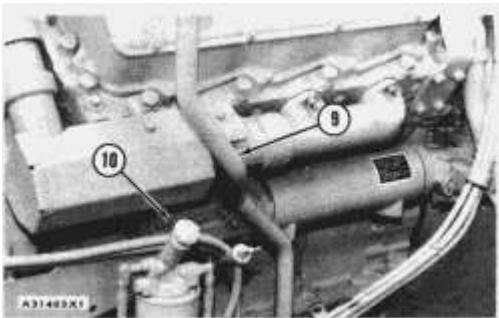


1. Put bonnet (1) in position. Install bolts (4).

2. Install elbow (2) and clamp (3).



3. Put clean engine oil or glycerine on the O-ring seals for the adapter. Install the O-ring seals on the adapter.
4. Install adapter (8) and bonnet (6) on oil cooler (7).
5. Put the oil cooler into position. Install the spacer and gasket between bonnet (6) and cylinder block (5). Install the bolts that hold bonnet (6) to the cylinder block.



6. Install bracket (10) that holds the oil level gauge.
7. Install breather tube (9).

END BY:

- a. install oil filter base

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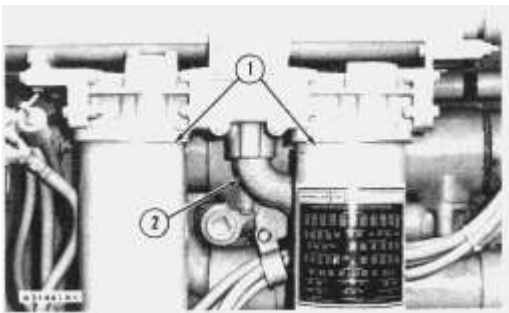
SEN73820005

Oil Filter Base (Marine Engine)

SMCS - 1306-011; 1306-012

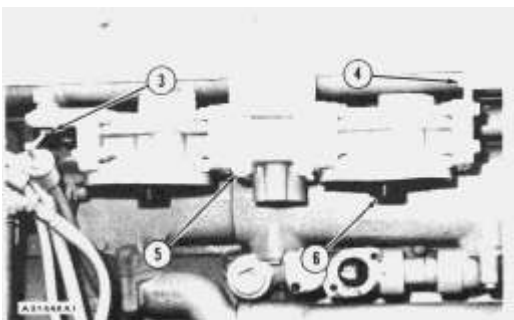
Remove Oil Filter Base (Marine Engine)

Tools Needed		A
2P8250	Filter Strap Wrench	1



1. Remove oil filters (1) with tool (A).

2. Remove elbow (2).



3. Remove bolts (3) and bolts (4). Remove filter base (5).

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