



Service Repair Manual

Models

272D2 XHP SKID STEER
LOADER

Product: SKID STEER LOADER

Model: 272D2 XHP SKID STEER LOADER MD2

Configuration: 272D2 & 272D2 XHP Skid Steer Loader MD200001-UP (MACHINE) POWERED BY C3.8 Engine

Disassembly and Assembly C3.8 Engines for Caterpillar Built Machines

Media Number -UENR0129-08

Publication Date -01/09/2015

Date Updated -19/05/2016

i06617576

Engine Oil Cooler - Remove and Install

SMCS - 1378-010

Removal Procedure



Illustration 1

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1. Remove oil filter (2). Refer to Operation and Maintenance Manual, "Engine Oil and Filter - Change" for the correct draining and filling procedure.
 2. Disconnect hose (1).
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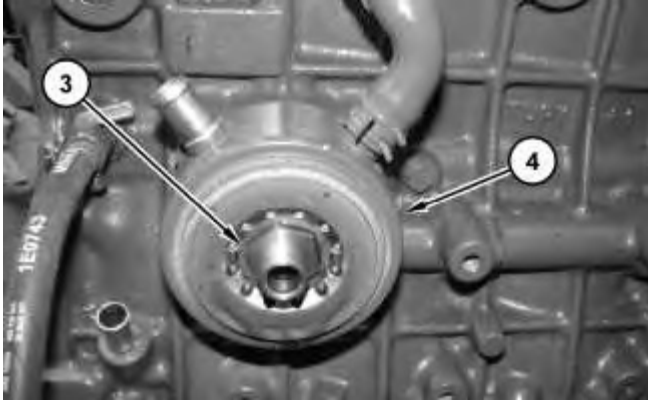


Illustration 2

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3. Remove joint screw (3). Remove oil cooler (4).



Illustration 3

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4. Remove seal (5) from oil cooler (4).

Installation Procedure

1. Install oil cooler (4) in the reverse order of removal.
 - a. Tighten joint screw (3) to a torque of $42 \text{ N}\cdot\text{m} \pm 2 \text{ N}\cdot\text{m}$ ($31 \pm 2 \text{ lb ft}$).
 - b. Fill the engine oil pan to the correct level. Refer to Operation and Maintenance Manual, "Engine Oil and Filter - Change" for the correct draining and filling procedure.

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i04664109

Engine Oil Relief Valve - Remove and Install

SMCS - 1315-010

Removal Procedure

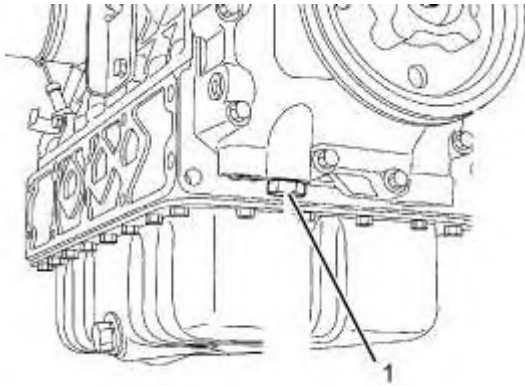


Illustration 1

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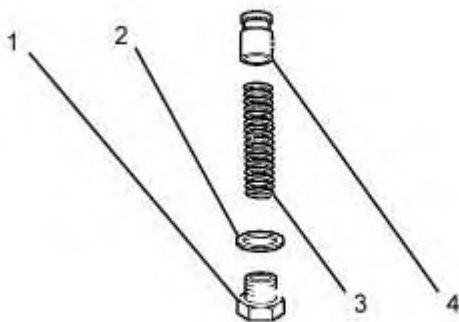


Illustration 2

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Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

1. Remove plug (1) and seal (2)
2. Remove spring (3) and relief valve (4)

Installation Procedure

1. Install relief valve (4) in the reverse order of removal
 - a. Tighten plug (1) to a torque of 73.5 ± 4.5 N·m (54.2 ± 3.3 lb ft).
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