



# Service Repair Manual

## **Models**

324D LN Excavator

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Product: MOBILE HYD POWER UNIT

Model: 324D LN MOBILE HYD POWER UNIT KJR

Configuration: 324D LN Mobile Hydraulic Power Unit KJR00001-UP (MACHINE) POWERED BY C7 Engine

## **Disassembly and Assembly**

### **C7**

#### **Engines for Caterpillar Built Machines**

Media Number -REN9218-13

Publication Date -01/06/2014

Date Updated -04/06/2014

i02302644

## **Front Cover - Remove and Install**

SMCS - 1166-010

### **Removal Procedure**

#### **Start By:**

- A. Remove the fan drive mounting group. Refer to Disassembly and Assembly, "Fan Drive Mounting Group - Remove and Install".

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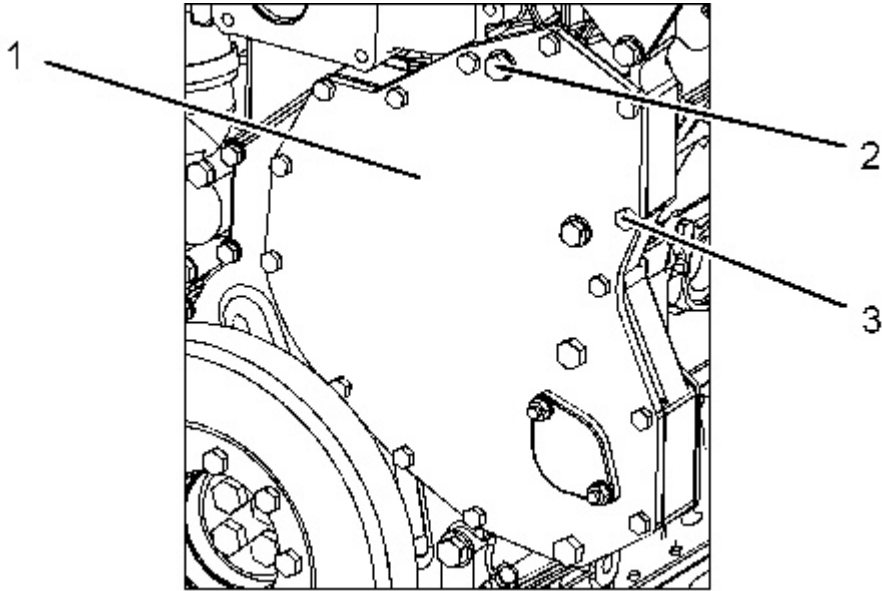
#### **NOTICE**

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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Illustration 1

g01153078

1. Remove bolts (2) and bolts (3) .
2. Remove front cover (1) and the gasket.

## Installation Procedure

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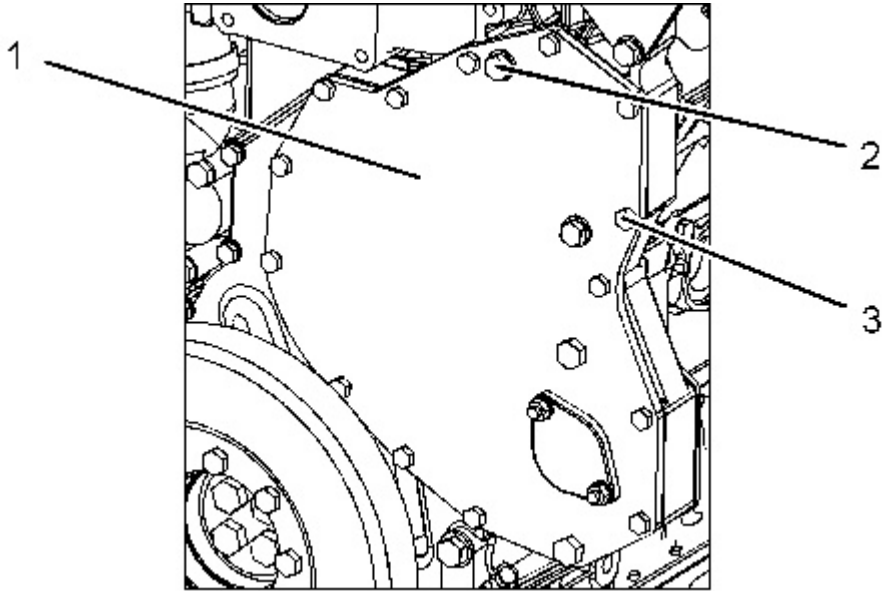
### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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Illustration 2

g01153078

1. Position the gasket and front cover (1) on the engine.
2. Install bolts (2) and bolts (3) .

**End By:** Install the fan drive mounting group. Refer to Disassembly and Assembly, "Fan Drive Mounting Group - Remove and Install".

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## Disassembly and Assembly

### C7

#### Engines for Caterpillar Built Machines

Media Number -REN9218-13

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i02302664

## Housing (Front) - Remove

SMCS - 1151-011

## Removal Procedure

### Start By:

- A. Remove the camshaft. Refer to Disassembly and Assembly, "Camshaft - Remove".
- B. Remove the unit injector hydraulic pump. Refer to Disassembly and Assembly, "Unit Injector Hydraulic 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, "Caterpillar Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.**

**Dispose of all fluids according to local regulations and mandates.**

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