



# Service Repair Manual

## **Models**

# EL200B EXCAVATOR

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Product: EXCAVATOR

Model: EL200B EXCAVATOR 7DF

Configuration: E200B, EL200B TRACK-TYPE EXCAVATORS 7DF00001-UP (MACHINE) POWERED BY 3116 ENGINE

## **Disassembly and Assembly**

**446 and 446B Backhoe Loaders, Lexion 450 Combine, 3114 and 3116 Engines, IT18F Integrated Toolcarrier, D6M Track-Type Tractor and 928F, 950F and 950G Wheel Loaders**

Media Number -SEN3611-18

Publication Date -01/05/2009

Date Updated -27/05/2009

i01929340

## **Engine Oil Pump - Remove**

SMCS - 1304-011

### **Removal Procedure**

**Start By:**

- a. Remove the engine oil pan. Refer to Disassembly and Assembly, "Engine Oil Pan - 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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#### **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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**Note:** For information on the reusability of the engine oil pump, refer to Guideline For Reusable Parts And Salvage Operations, SEBF8167, "Reconditioning Procedures 3114 and 3116 Engines".

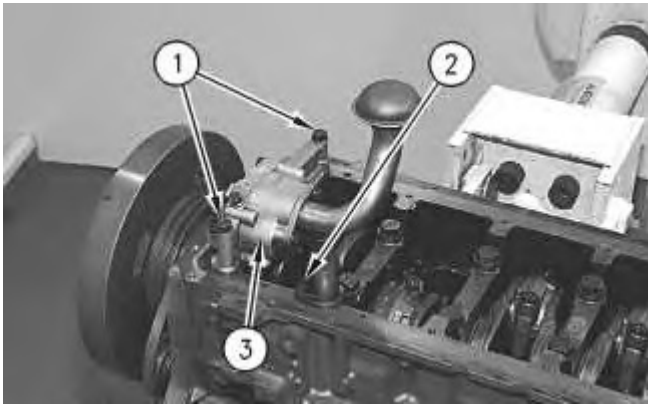


Illustration 1

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1. Remove bolts (1) and bolt (2).
2. Remove engine oil pump (3).
3. Remove the O-ring seal that is located between the cylinder block and the outlet elbow.

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## Engine Oil Pump - Disassemble

SMCS - 1304-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0510	Driver Gp	1
B	1P-2320	Combination Puller	1

### Start By:

- Remove the engine oil pump. Refer to Disassembly and Assembly, "Engine Oil Pump - Remove".

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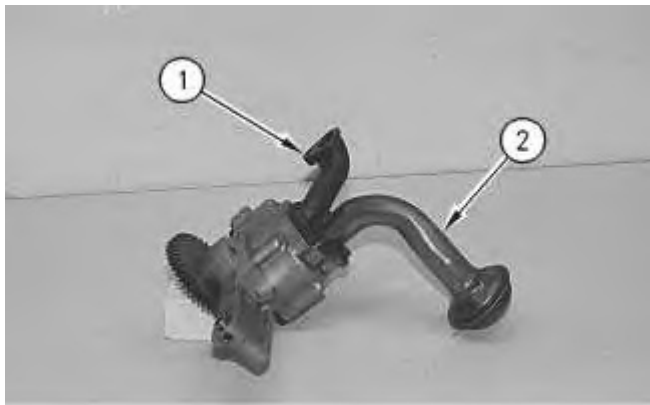


Illustration 1

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1. Remove the bolts from tube assembly for the pickup of oil (2), and the gasket from the engine oil pump. Remove the bolt and outlet elbow (1) from the engine oil pump.

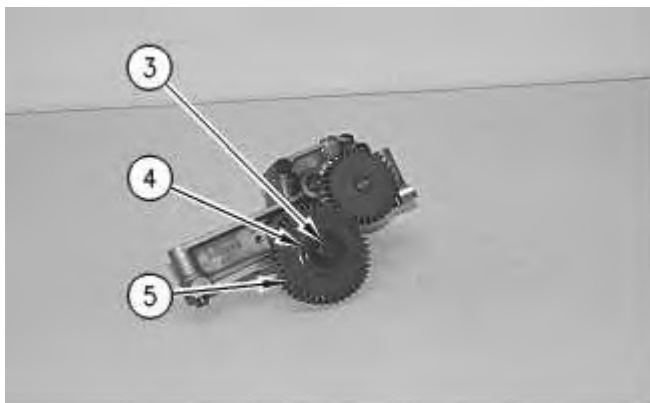


Illustration 2

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2. Remove bolt (3), washer (4), and idler gear (5) from the engine oil pump.
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