



# Service Repair Manual

## **Models**

# EL240B EXCAVATOR

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Product: EXCAVATOR

Model: EL240B EXCAVATOR 5WG

Configuration: E240B, EL240B TRACK-TYPE EXCAVATORS 5WG00001-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

i01929226

## **Engine Oil Cooler - Remove**

SMCS - 1378-011

### **Removal Procedure**

**Start By:**

- a. Remove the engine oil filter base. Refer to Disassembly and Assembly, "Engine Oil Filter Base - Remove".

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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 cooler, refer to Guideline For Reusable Parts And Salvage Operations, SEBF8077, "Engine Oil Coolers".



Illustration 1

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1. Remove engine oil cooler (1) and the gasket.

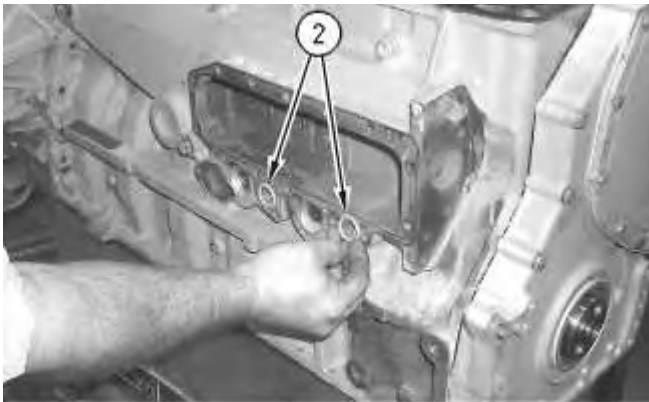


Illustration 2

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2. Remove O-ring seals (2).

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## Engine Oil Cooler - Install

SMCS - 1378-012

### Installation Procedure

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#### NOTICE

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**Note:** For information on the reusability of the engine oil cooler, refer to Guideline For Reusable Parts And Salvage Operations, SEBF8077, "Engine Oil Coolers".

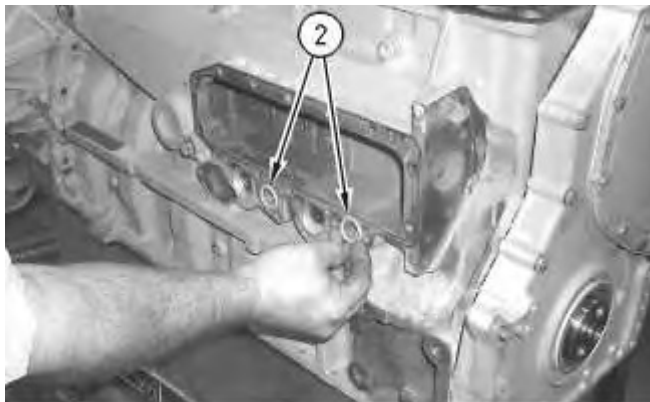


Illustration 1

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1. Install new O-ring seals (2).



Illustration 2

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2. Install new gasket (3) on the engine oil cooler (1).



Illustration 3

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**Note:** Installation can be simplified by the use of guide bolts.

3. Install the gasket and engine oil cooler (1).

**End By:**

- a. Install the engine oil filter base. Refer to Disassembly and Assembly, "Engine Oil Filter Base - Install".

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