



# Service Repair Manual

## **Models**

336F L XE

336F LN XE Excavator

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Product: EXCAVATOR

Model: 336F L XE EXCAVATOR DFY

Configuration: 336F L XE & 336F LN XE Excavators DFY00001-UP (MACHINE) POWERED BY C9.3 Engine

## Disassembly and Assembly C9.3 Engines for Caterpillar Built Machines

Media Number -UENR0130-06

Publication Date -01/08/2015

Date Updated -22/05/2017

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### Rocker Arm - Assemble

SMCS - 1123-016

### Assembly Procedure

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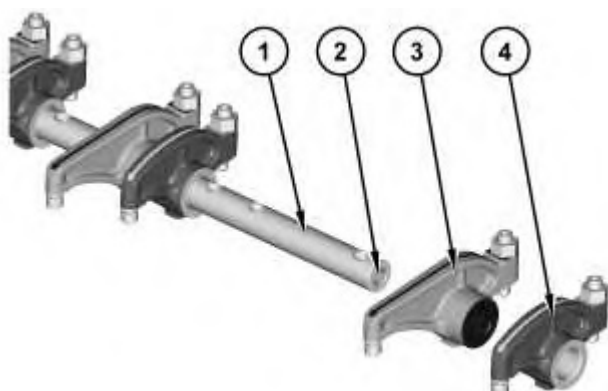
#### NOTICE

**Keep all parts clean from contaminants.**

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

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1. Lubricate all components of the rocker arm shaft with clean engine oil.



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Illustration 1

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2. Install exhaust rocker arm (3) and inlet rocker arm (4) on rocker shaft (1).

3. Install plug (2) into rocker shaft (1). Install plug (2) to a depth of  $1.25 \pm 0.25$  mm ( $0.049 \pm 0.010$  inch).

**End By:**

- a. Install the rocker arm and shaft.

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## **Disassembly and Assembly**

### **C9.3 Engines for Caterpillar Built Machines**

Media Number -UENR0130-06

Publication Date -01/08/2015

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i06019448

## **Cylinder Head - Remove**

SMCS - 1100-011

### **Removal Procedure**

#### **Start By:**

- A. Remove the exhaust manifold.
- B. Remove the fan drive mounting group.
- C. Remove the fuel rail and the fuel manifold.
- D. Remove the fuel filter base.
- E. Remove the inlet manifold.
- F. Remove the rocker arm and shaft.
- G. Remove the unit injectors.

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#### **NOTICE**

**Keep all parts clean from contaminants.**

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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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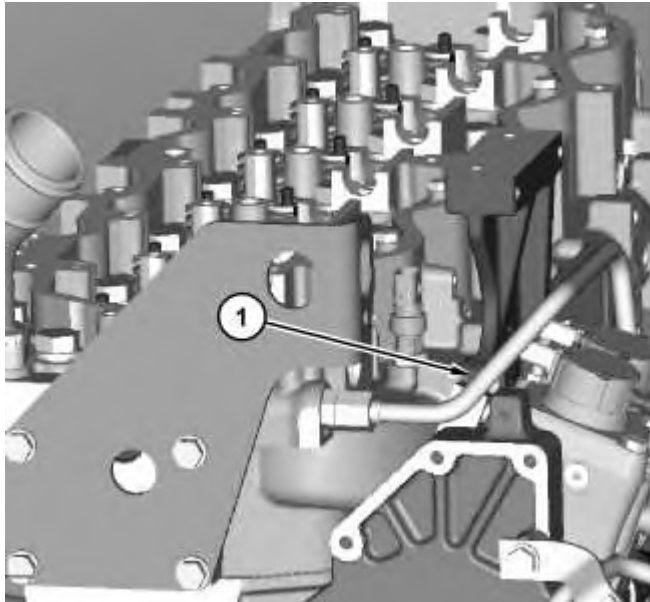
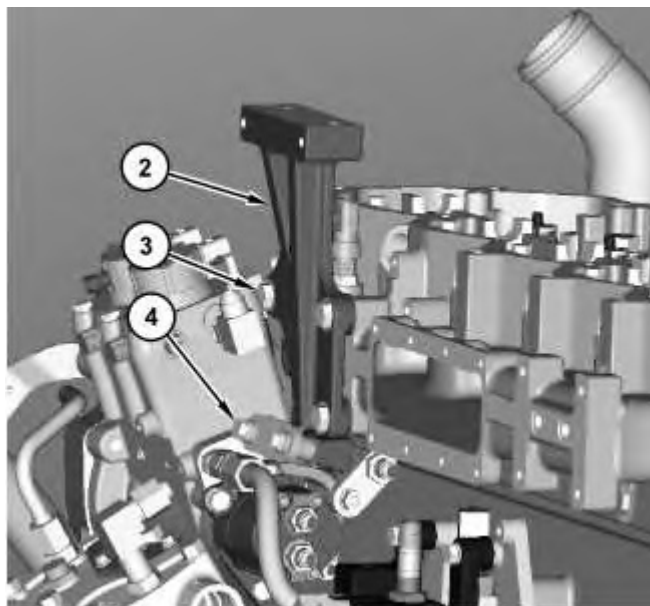


Illustration 1

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1. Remove tube assembly (1) .



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