# **CATERPILLAR®**

# Service Repair Manual

# **Models**

# 14G MOTOR GRADER

Model: 14G MOTOR GRADER 96U

Configuration: 14G Motor Grader 96U07046-UP (MACHINE) POWERED BY 3306 Engine

# **Disassembly and Assembly**

3304B and 3306B Engines for Caterpillar Built Machines

Media Number -SENR5598-09 Publication Date -01/01/2013

Date Updated -25/01/2013

i00921612

# **Compression Brake - Install**

**SMCS - 1119-012** 

## **Installation Procedure**

#### **NOTICE**

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

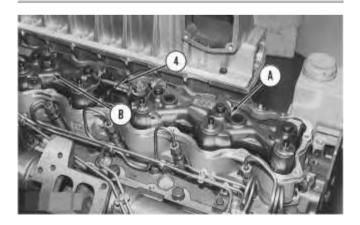


Illustration 1 g00471010

- 1. Install Compression Brake (B) and oil tube (4).
- 2. Install Compression Brake (A).

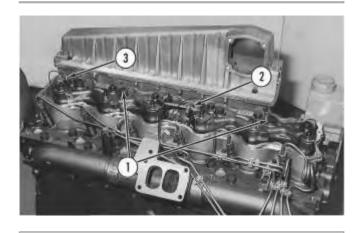


Illustration 2 g00471009

3. Connect wires (3) and (2). Install four bolts (1).

**End By:** Install the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover - Remove and Install".

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i00999978

## **Rocker Shaft and Pushrod - Remove**

SMCS - 1102-011; 1208-011

### **Removal Procedure**

### **Start By:**

A. Remove the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover - Remove and Install".

#### **NOTICE**

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

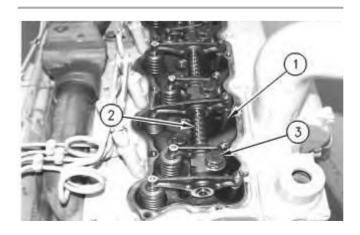


Illustration 1 g00539802

- 1. Remove six bolts (3) and rocker shaft assembly (2). Remove the O-ring seal from the rear rocker shaft support.
- 2. Put identification marks on pushrods (1) in order to identify the location of the pushrods in the engine. Remove pushrods (1) from the engine. Repeat this process for each pushrod.

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