Model: 320D LRR EXCAVATOR ZGB

Configuration: 320D LRR Excavator ZGB00001-UP (MACHINE) POWERED BY C6.4 Engine

# **Disassembly and Assembly C6.4 Engine for Caterpillar Built Machines**

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i02746415

# Valve Mechanism Cover Base - Remove and Install

SMCS - 1120-010

# **Removal Procedure**

#### **Start By:**

- a. Remove the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover Remove and Install".
- b. Remove the fuel injection lines. Refer to Disassembly and Assembly, "Fuel Injection Lines Remove".

#### **NOTICE**

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

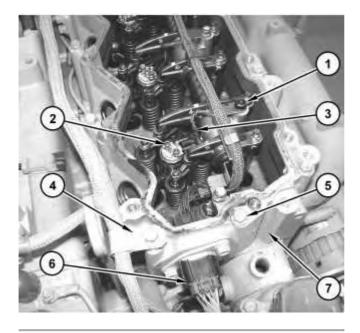


Illustration 1 g01375577

- 1. Remove clips (4).
- 2. Disconnect harness assembly (6).
- 3. Loosen nuts (2) and disconnect harness assembly (3).
- 4. Repeat Step 3 for the remaining electronic unit injectors.
- 5. Remove bolts (1).
- 6. Remove bolts (5). Remove valve mechanism cover base (7) and the gasket.

# **Installation Procedure**

### **NOTICE**

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

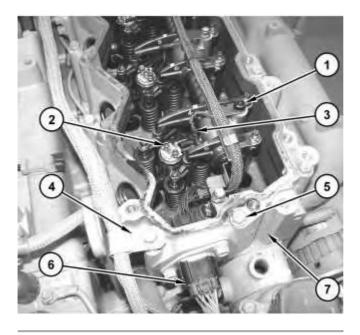


Illustration 2 g01375577

- 1. Install a new gasket and position valve mechanism cover base (7). Install bolts (5).
- 2. Install bolts (1). Tighten bolts (1) to a torque of  $18 \pm 2 \text{ N} \cdot \text{m}$  ( $13 \pm 1 \text{ lb ft}$ ).
- 3. Connect harness assembly (3) and tighten nuts (2).
- 4. Repeat Step 3 for the remaining electronic unit injectors.
- 5. Connect harness assembly (6).
- 6. Install clips (4).

## **End By:**

- a. Install the fuel injection lines. Refer to Disassembly and Assembly, "Fuel Injection Lines Install".
- b. Install the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover Remove and Install".

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