



Service Repair Manual

Models

CS-663E and CP-663E
Vibratory Compactor

Product: VIBRATORY COMPACTOR

Model: CS-663E VIBRATORY COMPACTOR ASB

Configuration: CS-663E CP-663E Vibratory Compactor ASB00001-UP (MACHINE) POWERED BY 3056E Engine

Disassembly and Assembly 3056E Engine for Caterpillar Built Machines

Media Number -REN2400-06

Publication Date -01/02/2006

Date Updated -03/05/2017

i02787464

Valve Mechanism Cover - Remove and Install

SMCS - 1107-010

Removal Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

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, "Caterpillar Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

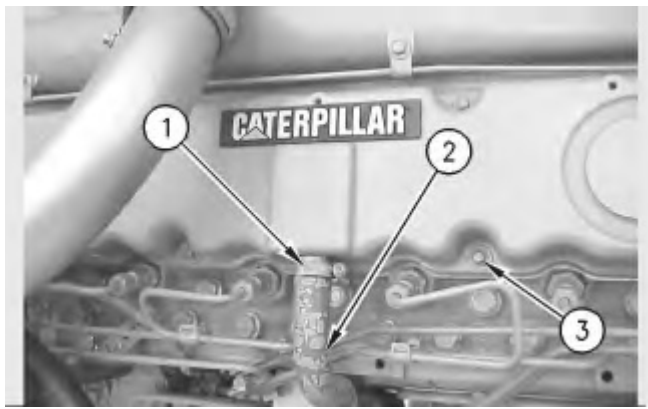


Illustration 1

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1. Loosen hose clamp (1) from breather hose (2).
2. Disconnect breather hose (2) from the crankcase breather.
3. Remove bolts (3).

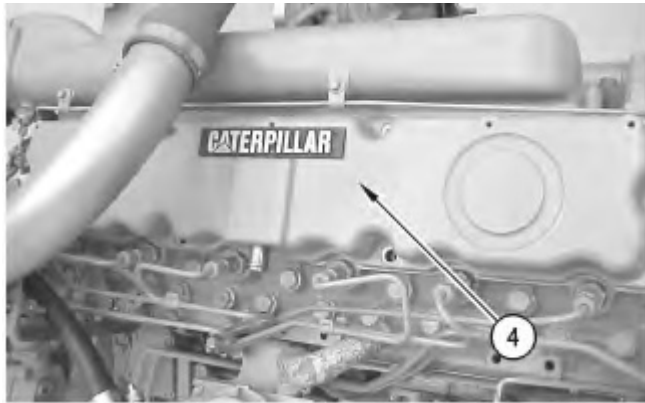


Illustration 2

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Note: Remove tube assembly, if necessary.

4. Remove valve mechanism cover (4) and the gasket from the cylinder head. Discard the gasket.

Installation Procedure

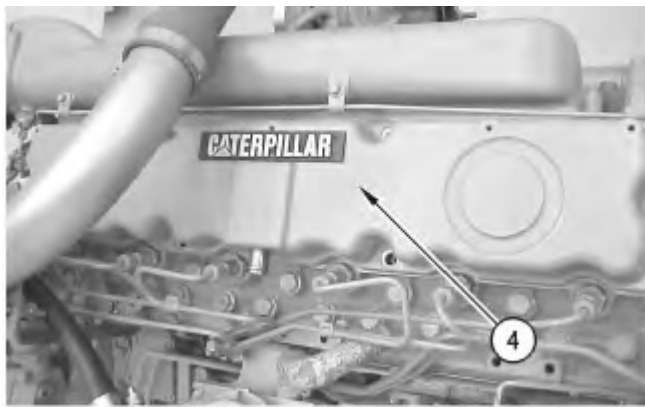


Illustration 3

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1. Install the new gasket and valve mechanism cover (4) on the cylinder head.

Note: Ensure that the flat face of the gasket is toward the valve cover.

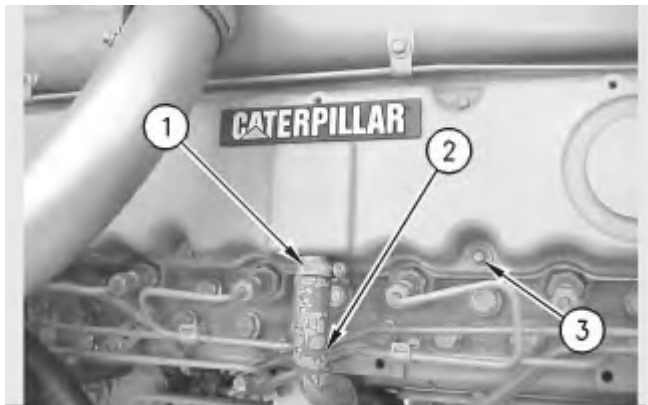


Illustration 4

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2. Install bolts (3).
3. Connect breather hose (2) to the crankcase breather.
4. Tighten hose clamp (1).

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i01761173

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.

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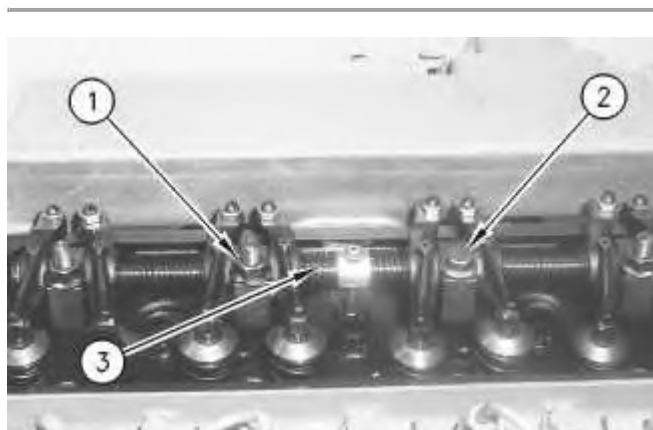


Illustration 1

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