



Service Repair Manual

Models

CS-563C and CP-563C
Vibratory Compactors

Product: VIBRATORY COMPACTOR

Model: CS-563C VIBRATORY COMPACTOR 4KN

Configuration: CS-563C, CP-563C Vibratory Compactors 4KN00001-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

i01930098

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.

Note: For information on reusability of components of the rocker shaft, refer to Guideline For Reusable Parts And Salvage Operations, SEBF8267, "Rocker Arms and Rocker Arm Shafts for 3114 and 3116 Engines".

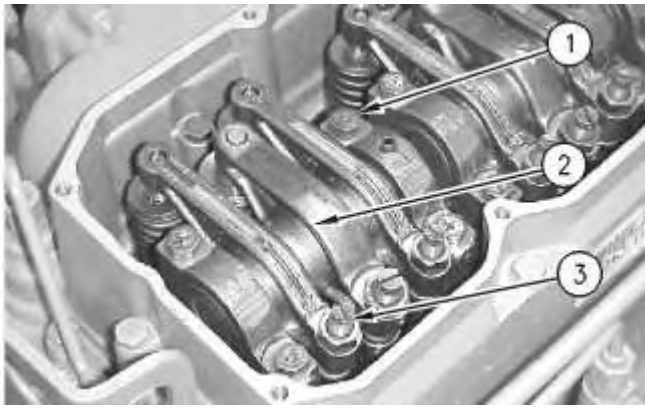


Illustration 1

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1. Loosen all rocker arm adjustment screws (3).
2. Remove bolts (1) from the rocker shaft assembly (2).
3. Remove rocker shaft assembly (2) from the cylinder head.
4. Repeat the procedure for each rocker shaft assembly.
5. Remove the pushrods.

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Rocker Shaft - Disassemble

SMCS - 1102-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	6V-0083	Emery Polishing Paper	1

Start By:

- Remove the rocker shaft and the pushrods. Refer to Disassembly and Assembly, "Rocker Shaft and Pushrod - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

Note: For information on reusability of components of the rocker shaft, refer to Guideline For Reusable Parts And Salvage Operations, SEBF8267, "Rocker Arms and Rocker Arm Shafts for 3114 and 3116 Engines".

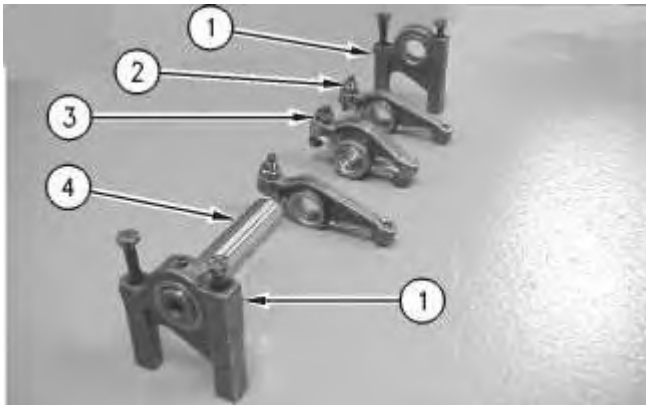


Illustration 1

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1. Remove support bracket (1) from rocker shaft assembly (4).
2. Remove valve rocker arms (2) and unit injector rocker arm (3) from rocker shaft assembly (4).

Note: Do not force the rocker arms from the rocker shaft assembly. If necessary, use a piece of Tooling (A) to lightly buff the surface of the shaft to aid in removal .

3. Check the adjustment screws on valve rocker arms (2) and unit injector rocker arm (3) for damage.
4. Inspect rocker shaft assembly (4) for scratches and cracks.

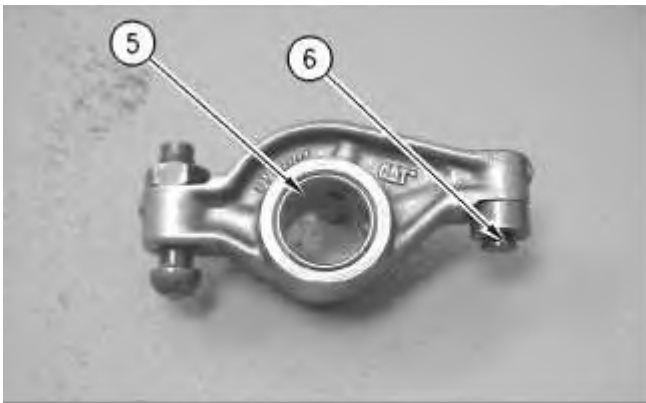


Illustration 2

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5. Inspect bearing (5) on unit injector rocker arm (3). The bore in the rocker arm is 24.808 ± 0.20 mm (0.9767 ± 0.0079 inch). Refer to Specification, "Valve Rocker Arm and Lifters". Replace the bearing, if necessary.
6. Ensure that button (6) on unit injector rocker arm (3) is not damaged. Also ensure that the retaining ring for button (6) is in place.

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