



Service Repair Manual

Models

C18 Industrial Engine

Product: INDUSTRIAL ENGINE
Model: C18 INDUSTRIAL ENGINE WJH
Configuration: C18 Industrial Engine WJH00001-UP

Disassembly and Assembly C15 and C18 Industrial Engines

Media Number -REN8630-07

Publication Date -01/11/2017

Date Updated -15/11/2017

i02954434

Rocker Arm and Shaft - Remove

SMCS - 1102-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	124-2946	Lifting Bracket	1

Start By:

- A. Remove the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover - Remove and Install".
- B. Remove the variable valve actuator, if necessary. Refer to Disassembly and Assembly, "Valve Actuator (Variable) - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

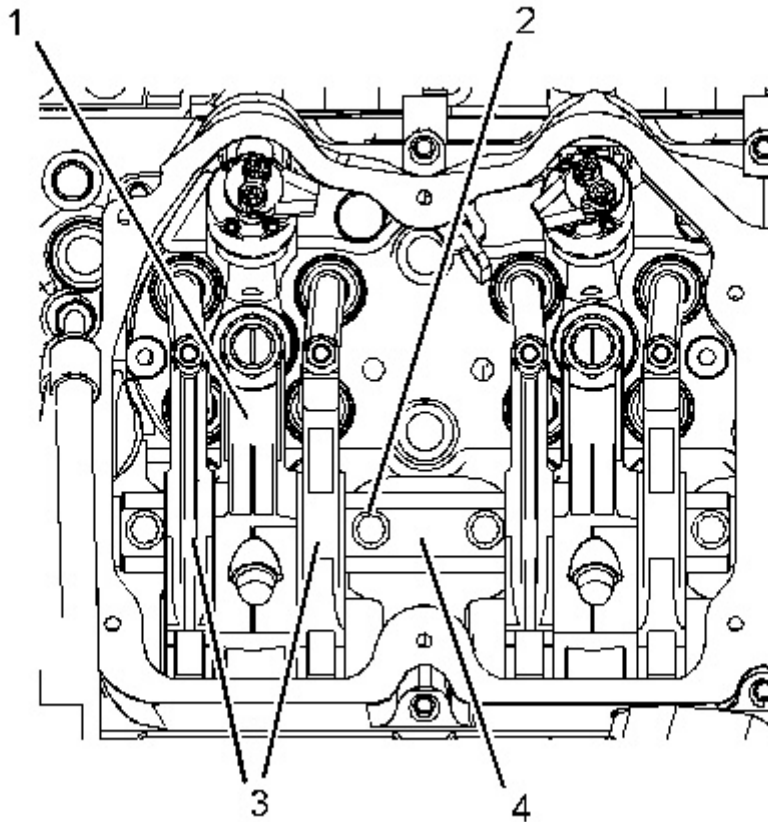


Illustration 1

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! WARNING

Valve rocker arms and unit injector rocker arms can move on the shaft after the bolts have been removed. The shaft should be kept level when removed from the cylinder head. To avoid possible personal injury, keep fingers clear of the valve rocker arms and the unit injector rocker arms when lifting the assembly from the cylinder head.

1. Remove bolts (2) .
2. Use Tooling (A) to remove rocker arm shaft assembly (4) , valve rocker arms (3) , and electronic unit injector rocker arms (1) as a unit.

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i04997049

Rocker Arm - Disassemble

SMCS - 1123-015

Disassembly Procedure

Start By:

- a. Remove the rocker arms and the rocker shaft. Refer to Disassembly and Assembly, "Rocker Arm and Shaft - Remove".

NOTICE

Keep all parts clean from contaminants.

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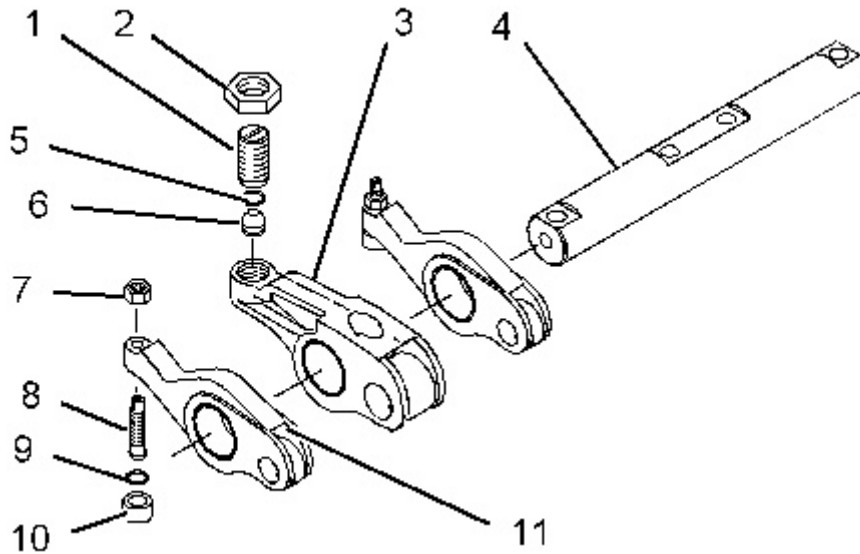


Illustration 1

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1. Remove valve rocker arms (11) and electronic unit injector rocker arm (3) from rocker shaft assembly (4).
2. Remove jam nut (7) from adjustment screw (8).
3. Remove adjustment screw (8) from valve rocker arms (11).
4. Remove button (10) from adjustment screw (8). Remove O-ring seal (9) from the adjustment screw.
5. Remove jam nut (2) from unit injector adjustment screw (1).
6. Remove unit injector adjustment screw (1) from electronic unit injector rocker arm (3).
7. Remove button (6) from unit injector adjustment screw (1). Remove O-ring seal (5) from the unit injector adjustment screw.

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