



Service Repair Manual

Models

C18 Industrial Engine

Product: INDUSTRIAL ENGINE
Model: C18 INDUSTRIAL ENGINE ZPS
Configuration: C18 Industrial Engine ZPS00001-UP

Disassembly and Assembly C18 Locomotive Engine

Media Number -UENR3274-00

Publication Date -01/04/2013

Date Updated -15/04/2013

i05133666

Variable Valve Actuator Oil Pressure Sensor - Remove and Install - For Series Turbocharger Applications

SMCS - 1130-010-NS

Removal Procedure

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

Dispose of all fluids according to local regulations and mandates.

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

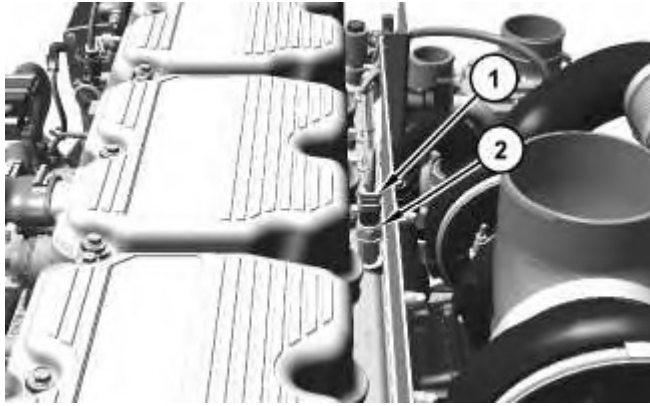


Illustration 1

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1. Disconnect harness assembly (1) .
2. Remove variable valve actuator oil pressure sensor (2) .
3. Remove the O-ring seal from variable valve actuator oil pressure sensor (2) .

Installation Procedure

1. Install variable valve actuator oil pressure sensor (2) in the reverse order of removal.
 - a. Tighten variable valve actuator oil pressure sensor (2) to a torque of $10 \pm 2 \text{ N}\cdot\text{m}$ ($89 \pm 18 \text{ lb in}$).

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i05133803

Variable Valve Actuator Oil Pressure Solenoid - Remove and Install - For Series Turbocharger Applications

SMCS - 1130-010-OD

Removal Procedure

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.

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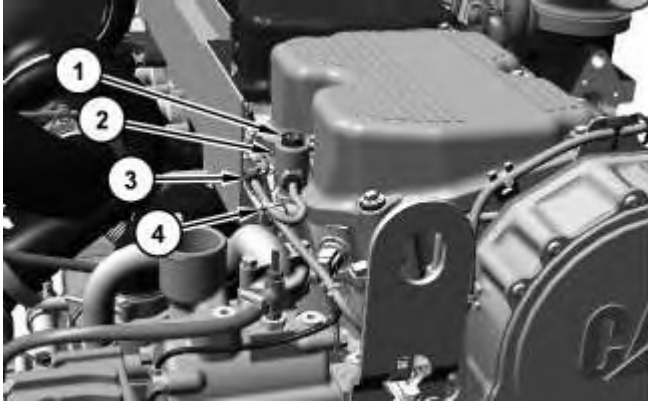


Illustration 1

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1. Remove cable straps (4) and disconnect harness assembly (3) .
2. Remove nut (1) and remove coil assembly (2) .



Illustration 2

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3. Remove cartridge valve (5) .



Illustration 3

g02139170

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