



Service Repair Manual

Models

C18 Industrial Engine

Product: INDUSTRIAL ENGINE
Model: C18 INDUSTRIAL ENGINE GJE
Configuration: C18 Industrial Engine GJE00001-UP

Disassembly and Assembly C15 and C18 Industrial Engines

Media Number -REN8630-07

Publication Date -01/11/2017

Date Updated -15/11/2017

i02536739

Fuel Priming Pump - Remove and Install

SMCS - 1258-010

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.

-
1. Turn the fuel supply to the "OFF" position.
-

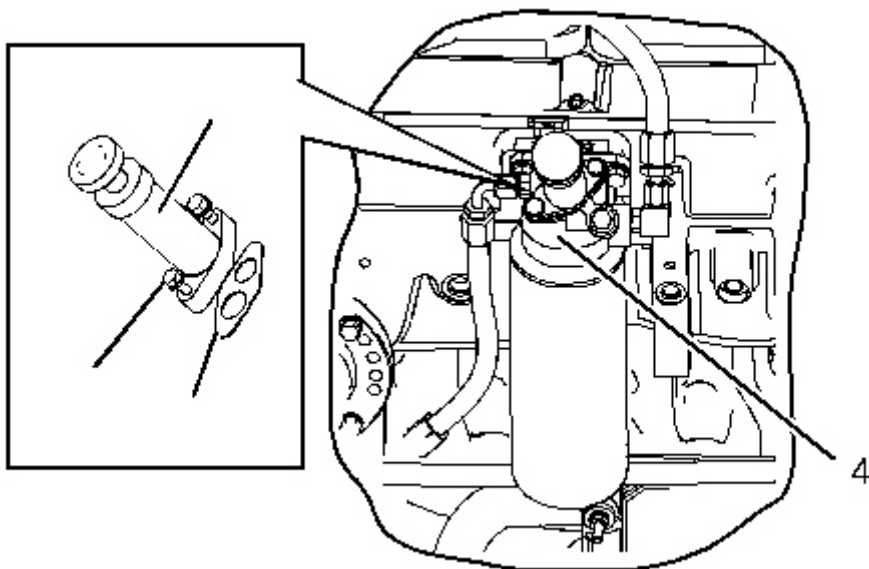


Illustration 1

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2. Remove bolts (2). Remove fuel priming pump assembly (1) from fuel filter base (4).
3. Remove gasket (3) from the fuel priming pump assembly and the fuel filter base.

Installation Procedure

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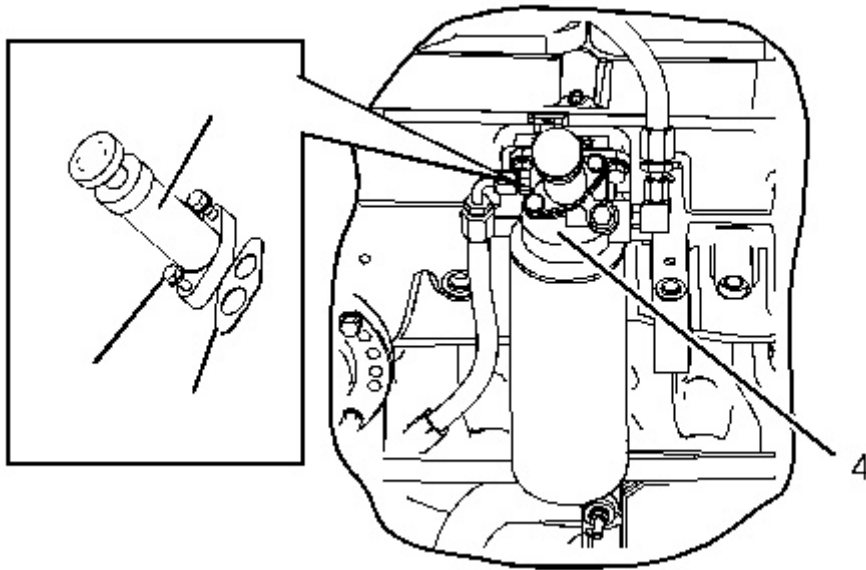


Illustration 2

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1. Position gasket (3) on fuel filter base (4).
2. Position fuel priming pump assembly (1) on the fuel filter base and install bolts (2).
3. Turn the fuel supply to the “ON” position.
4. Remove the air from the system. Refer to Testing and Adjusting, "Fuel System - Prime".

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i02163698

Fuel Filter Base - Remove

SMCS - 1262-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	185-3630	Strap Wrench	1

NOTICE

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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.

NOTICE

Keep all parts clean from contaminants.

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