



Service Repair Manual

Models

160G MOTOR GRADER

Product: MOTOR GRADER

Model: 160G MOTOR GRADER 4JD

Configuration: 160G Motor Grader 4JD00141-UP (MACHINE) POWERED BY 3306 Engine

Disassembly and Assembly 3304B and 3306B Engines for Caterpillar Built Machines

Media Number -SEN5598-09

Publication Date -01/01/2013

Date Updated -25/01/2013

i00984196

Fuel Priming Pump - Remove and Install

SMCS - 1258-010

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 machine. 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 Tools and Shop Products Guide", for tools and supplies suitable to collect and contain fluids in Caterpillar machines.

Dispose of all fluids according to local regulations and mandates.

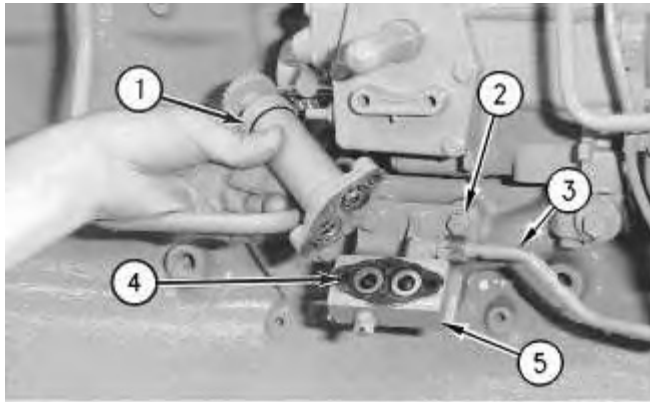


Illustration 1

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1. Turn the fuel supply line valve to the OFF position.
2. Remove the bolts and the washers that secure fuel priming pump (1) to base (5). Remove gasket (4) .
3. Disconnect tube assembly (3) .
4. Remove two bolts (2), the washers and base (5) from the cylinder block.

Installation Procedure

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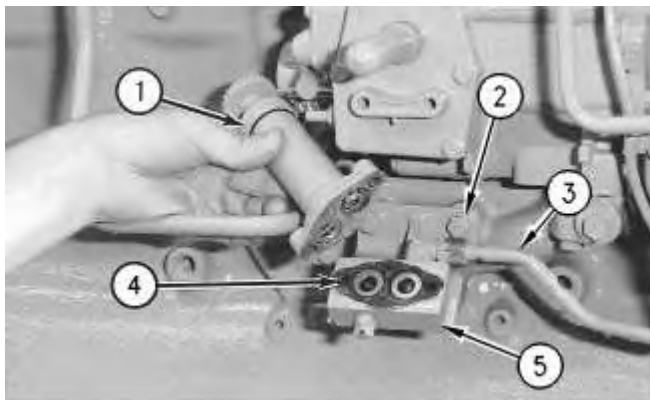


Illustration 2

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1. Install base (5), the washers and two bolts (2) .

2. Connect tube assembly (3) to base (5) .

Note: Check the condition of the gaskets. If the gaskets are worn or damaged, use new parts for replacement.

3. Install gasket (4). Install fuel priming pump (1) and the bolts that secure the fuel priming pump to base (5) .

4. Turn the fuel supply line valve to the ON position.

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i00917143

Fuel Filter Base - Remove and Install

SMCS - 1262-010

Removal Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|-----------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 2P-8250 | Strap Wrench Assembly | 1 |

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