



Service Repair Manual

Models

446B Backhoe Loader

Product: BACKHOE LOADER

Model: 446B BACKHOE LOADER 5BL

Configuration: 446B Backhoe Loader 5BL00384-02499 (MACHINE) POWERED BY 3114 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

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i01928293

Fuel Priming Pump and Primary Fuel Filter - Remove and Install

SMCS - 1258-010; 1260-010

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 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.

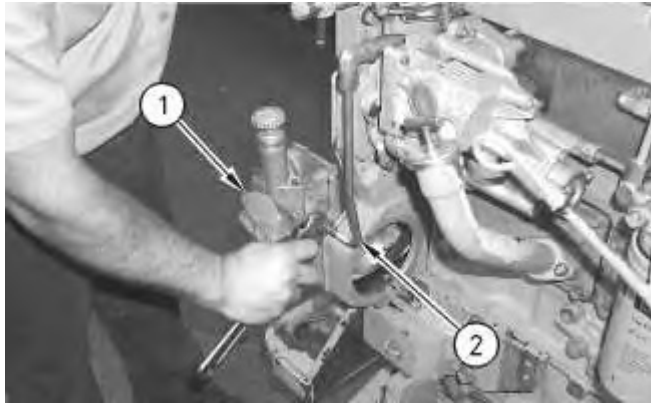


Illustration 1

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1. Disconnect tube assembly (2) from primary fuel filter base (1).

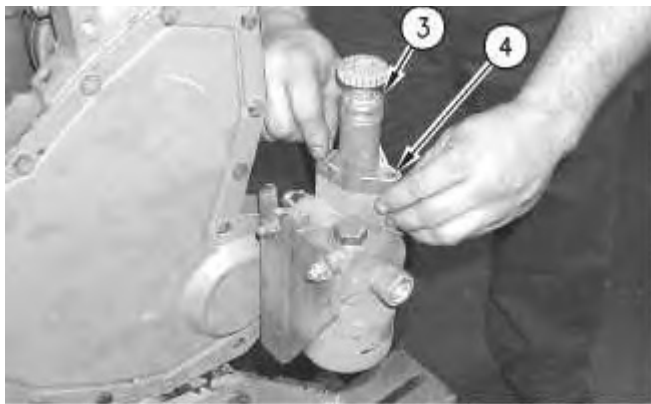


Illustration 2

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2. Remove bolts (4) from the fuel priming pump (3).
3. Remove fuel priming pump (3) from the primary fuel filter base.

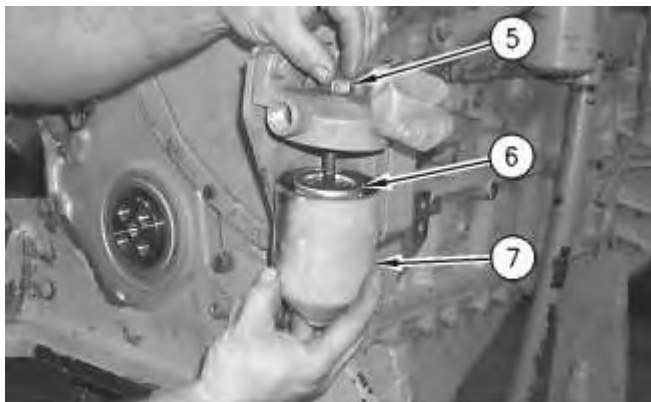


Illustration 3

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4. Remove bolt (5) from the primary fuel filter base.

5. Remove filter element (6) and housing (7) from the primary fuel filter base.

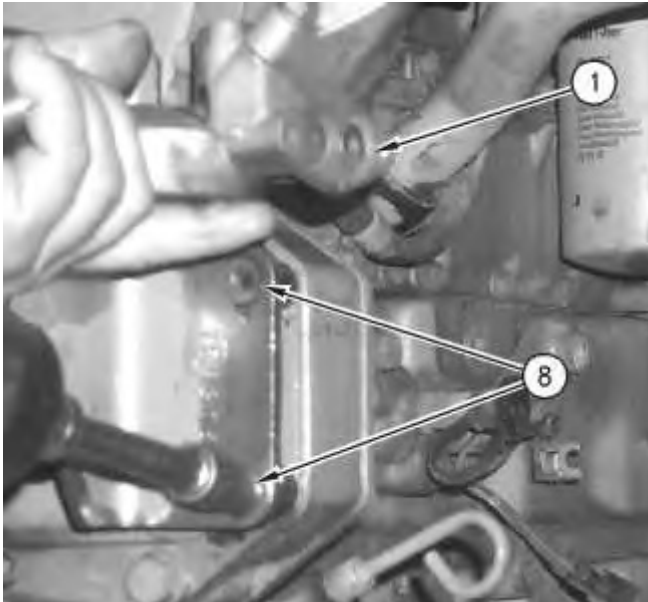


Illustration 4

g00773124

6. Remove bolts (8) from the primary fuel filter base (1).
7. Remove primary fuel filter base (1) from the engine.

Installation Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

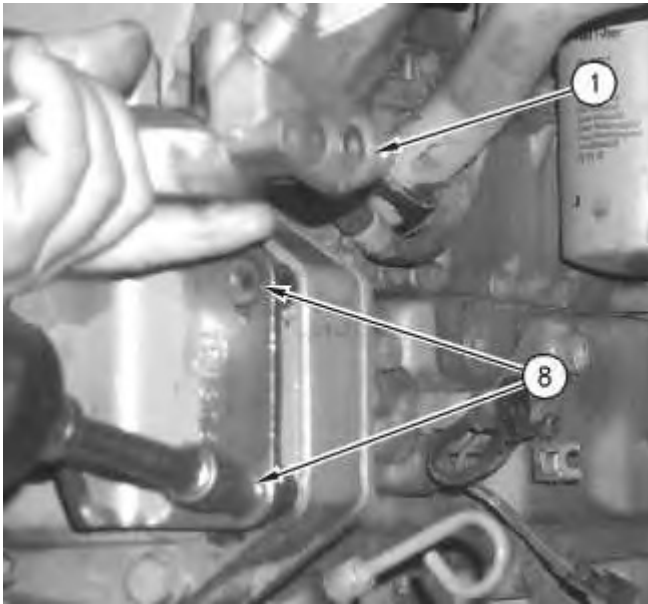


Illustration 5

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1. Install bolts (8) that secure primary fuel filter base (1) to the engine.

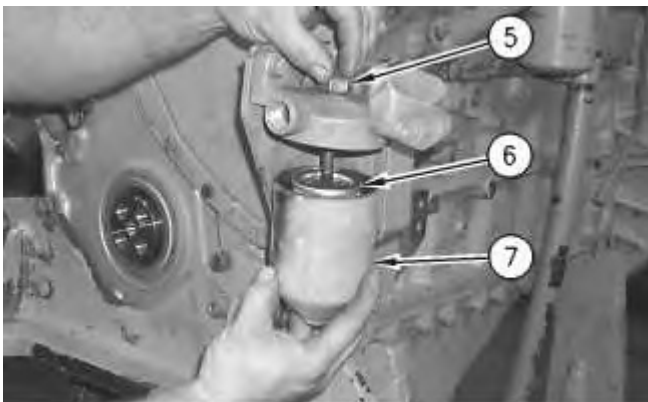


Illustration 6

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2. Install filter element (6) and housing (7) to the primary filter base with bolt (5).

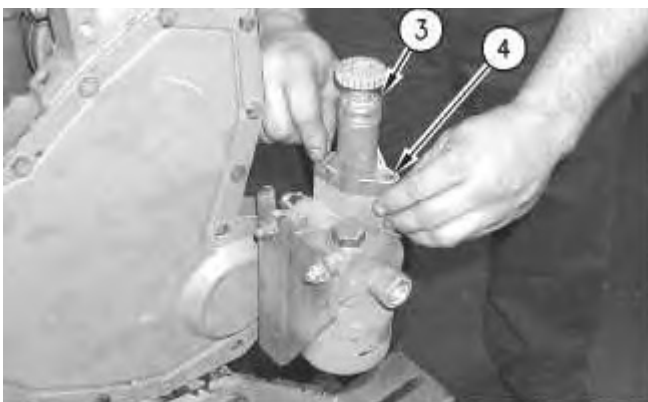


Illustration 7

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