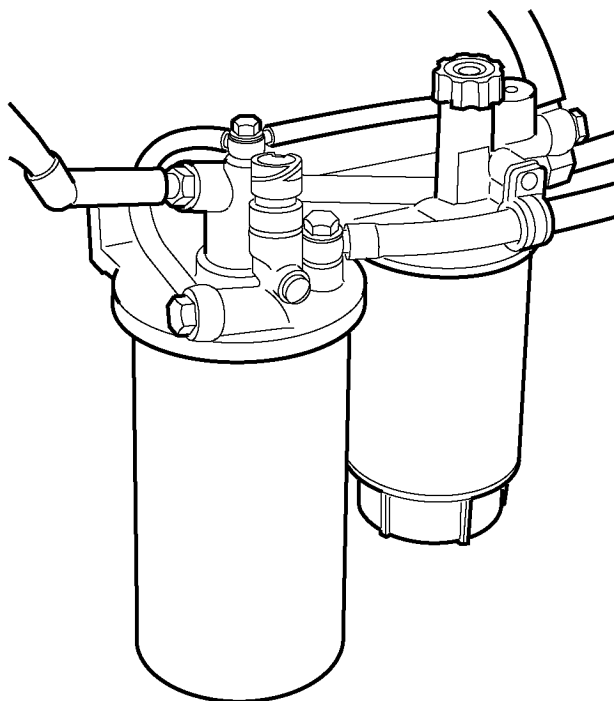


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Filter, Water Separator, Replacement D11F, D13B, D13F and D16F

Filter, Water Separator, Replacement



W2005849

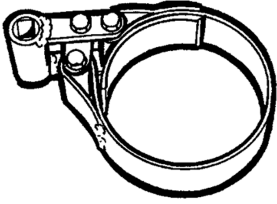
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Note: Information is subject to change without notice.
Illustrations are used for reference only and may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

For information about ordering special tools, see the tool information in group 08.

Special Tools



9996671

Oil filter wrench (or equivalent)

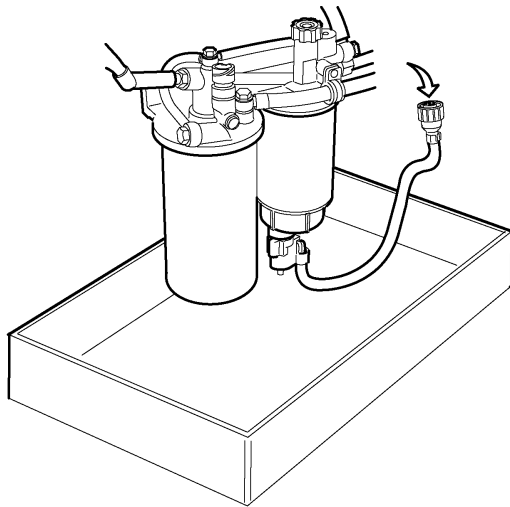
2339-03-03-01 Filter, Water Separator, Replacement

You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

1
Disconnect the wiring from the sensor for the water separator.

2
Remove the water separator filter from the filter housing. Use oil filter wrench 9996671 (or equivalent). Collect any spilled fuel in a container. Always dispose of fuel according to Federal or local regulations. Take the drained fuel and water to a recycle or waste management center.

9996671 (or equivalent)



W2005858

3
Remove the lower section of the water separator from the filter.

4
Wash the underside and blow clean using compressed air.

5
Check that the drain holes in the lower section are not blocked.

6
Install a new seal on the lower section. Lubricate the seal using engine oil. Install the lower section on the new filter.

7

Lubricate the inner and outer filter seals with engine oil. Install the filter on the filter housing. Rotate clockwise until the seal is tight against the housing. Then rotate clockwise another 1/2-3/4 turn.



CAUTION

The new filter must be positioned properly on the filter housing during installation. If the filter is not positioned properly, the inner seal could be damaged. Inner seal damage may result in engine starting problems.

8

Connect the wiring to the sensor for the water separator.

9

Prime the fuel system by pumping the hand priming pump on the fuel filter housing until resistance is felt indicating that the system is full of fuel.

10

Start the engine. Conduct a leak test.

11

Check that no fault codes are stored.