

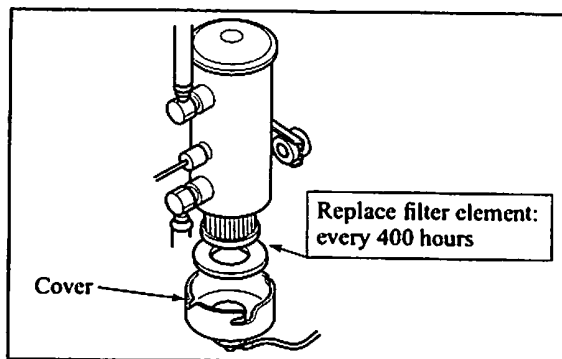
4. Fuel Pump

Inspecting the fuel pump

The engine is equipped with one of the following three types of fuel pump depending on the engine specifications.

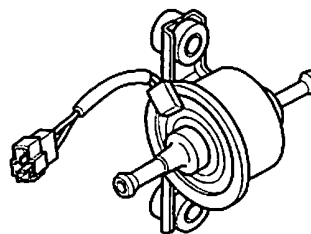
(1) Plunger-type fuel pump

There are two types; one is the standard with a filter element and the other, compact-size, without a filter element. As for standard type, remove the cover and clean or replace the filter element. On either pump, ensure that the pump operates normally without fuel leakage.



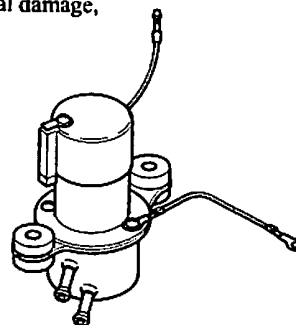
Plunger fuel pump (standard)

Check for external damage,
fuel leakage



Plunger fuel pump (compact-size)

Check for external damage,
fuel leakage



Diaphragm fuel pump

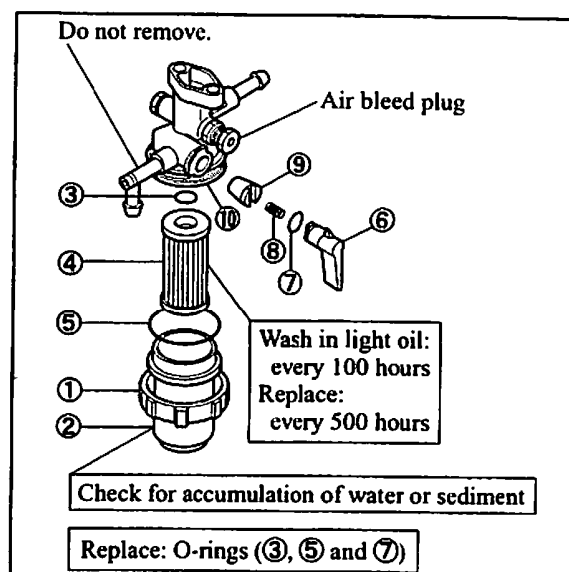
(2) Diaphragm-type fuel pump

Never attempt to disassemble this type of fuel pump. Like the compact-size plunger fuel pump, ensure that the pump operates normally without fuel leakage.

5. Fuel Filter

5.1 Disassembling, inspecting and reassembling the fuel filter (with a selector cock)

- (1) Normally, only remove the filter element. Do not disassemble the cock lever unless so required.
- (2) If the cock lever is disassembled, clean it and apply silicon oil to the O-ring before reassembly.

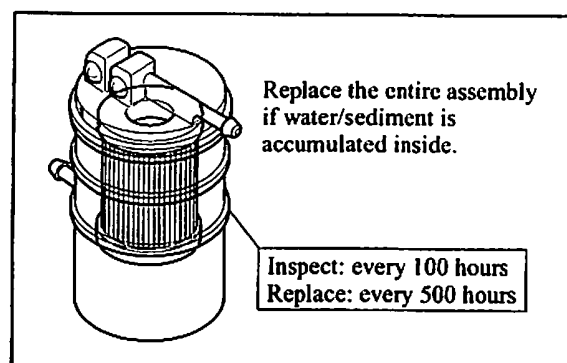


Disassembling, inspecting and reassembling the fuel filter

- | | |
|------------|---------------|
| ① Ring nut | ⑥ Cock lever |
| ② Cup | ⑦ O-ring |
| ③ O-ring | ⑧ Spring |
| ④ Element | ⑨ Valve |
| ⑤ O-ring | ⑩ Filter body |

5.2 Inspecting the fuel filter (cartridge type)

If water or sediment is accumulated on the bottom of the case or in the filter element, replace the entire assembly. Replace the fuel filter assembly approx. every 500 hours. However, it is recommended that the fuel filter be checked every 100 hours and, if faulty, replace at that time.



Inspecting the fuel filter