FUEL FILLER CAP BREATHER

The fuel tank breather function of this model is controlled by the two one-way valves (positive and negative pressure valves) in the fuel filler cap as a substitute for a conventional vapor-liquid separator in the fuel tank.

COMPONENT FUNCTION

VALVES

They regulate the internal pressure of the fuel tank (they are closed with the spring until each specified pressure). In addition, spilling fuel to the outside is reduced when a fall-down has occurred.

BREATHER SEAL

It is the connecting section of the fuel filler cap and breather passage of the tank, and it is prevented from leaking.

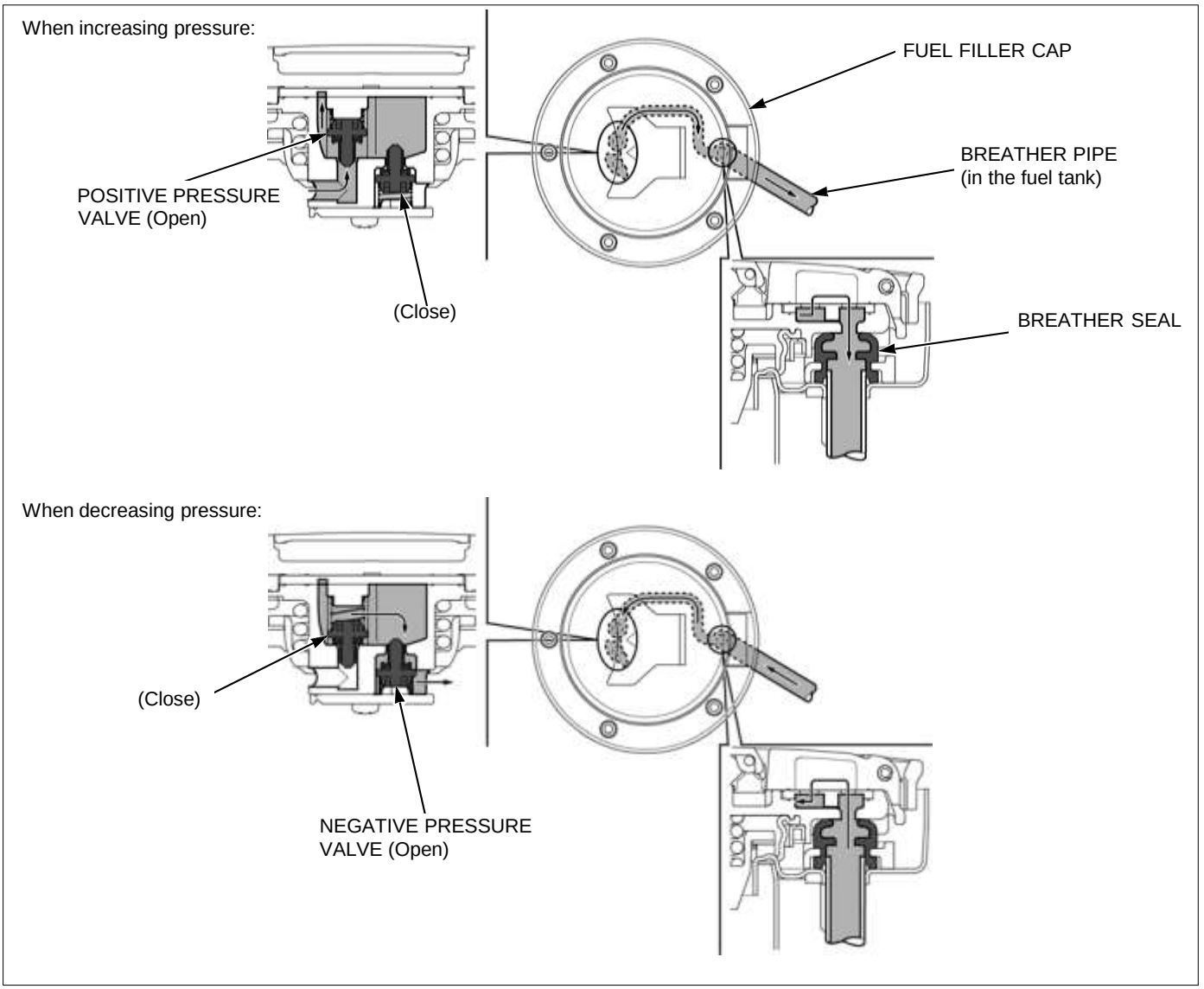
VALVE OPERATION

POSITIVE PRESSURE VALVE:

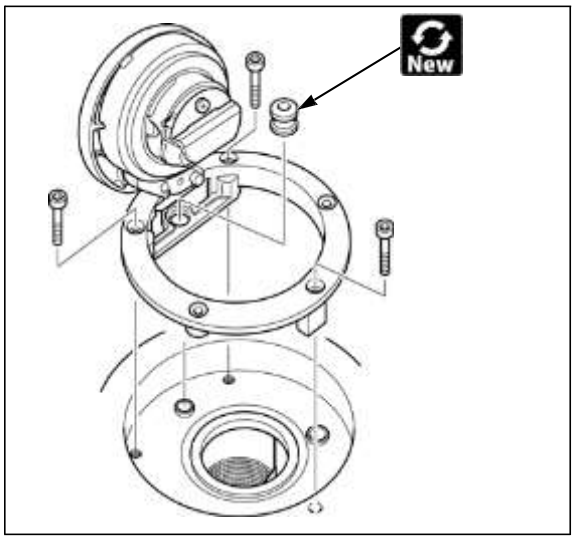
When the tank internal pressure is increased by fuel vapor, the positive pressure valve opens to release excess pressure out of the tank.

NEGATIVE PRESSURE VALVE:

When the tank internal pressure is decreased (fuel consumption etc.), the negative pressure valve opens and introduces air into the tank.



FUEL FILLER CAP



- A pressure release can be heard when opening the fuel cap, but this is not blockage of the passage. If checking for clog in the passage of the fuel tank side is necessary, apply air pressure to the breather hose end with the fuel filler cap opened.
- If remove the fuel filler cap, replace the breather seal with a new one.

LUBRICATION SYSTEM

GENERAL

⚠CAUTION

Used engine oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.

TROUBLESHOOTING

Engine oil level too low
- Oil consumption
- External oil leak
- Worn piston rings
- Incorrect piston ring installation
- Worn cylinder
- Worn valve guide
- Worn valve stem seal

Oil contamination
- Oil not changed often enough
- Faulty cylinder head gasket
- Worn piston rings