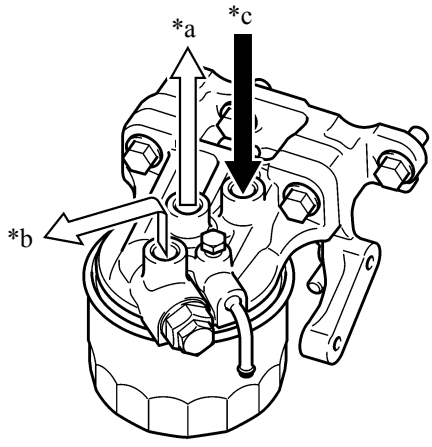
■ FUEL FILTER

1. General

- The diesel fuel filter assembly is equipped with an air release function in the filter that separates air bubbles in fuel. Furthermore, foreign substances are primarily captured between the fuel filter assembly and suction control valve (SCV).
- The fuel filter assembly consists of a fuel filter element integrated with the fuel filter housing.
- A fuel filter assembly with a built-in sedimenter is used.
- A fuel sedimenter level warning switch, which detects when water, etc. has accumulated beyond a specific level, is provided in the sedimenter section. When the fuel sedimenter level warning switch turns ON, the warning indicator light of the combination meter illuminates to alert the driver.
- A fuel filter warning switch is provided in the fuel filter.

Diesel Fuel Filter Assembly

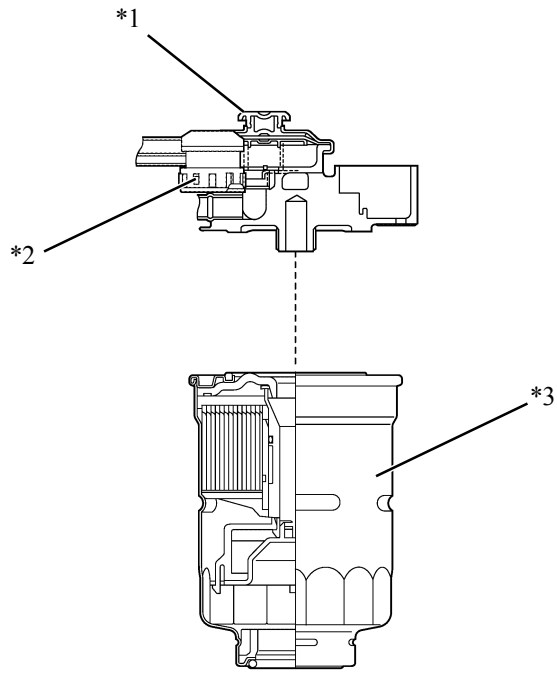


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Text in Illustration

*a	to Injection or Supply Pump Assembly	*b	to Fuel Tank Sub-assembly
*c	from Injection or Supply Pump Assembly	-	-

Fuel Filter Assembly



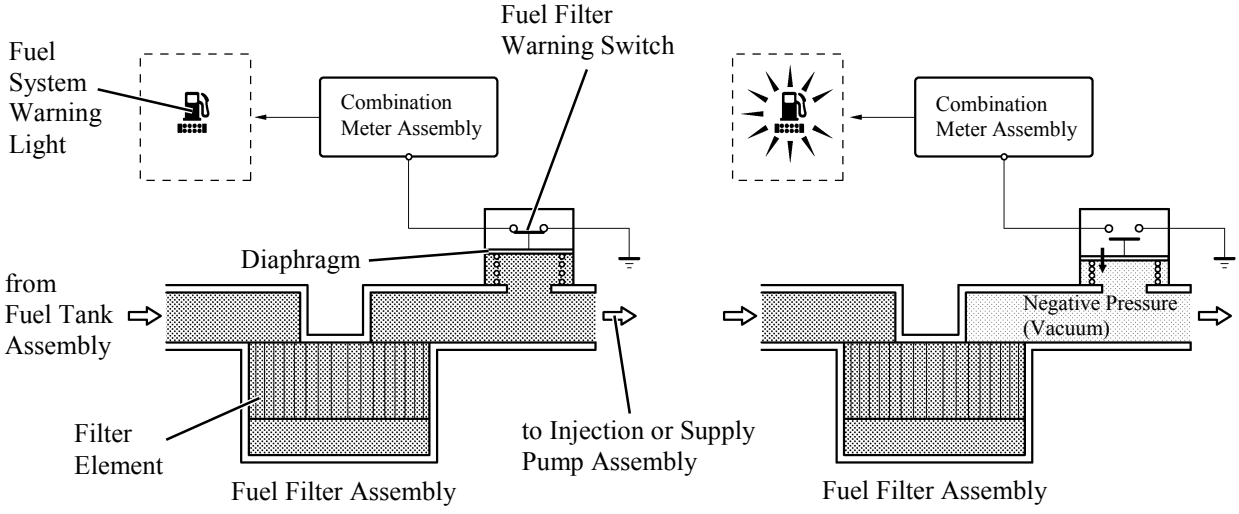
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Text in Illustration

*1	Priming Pump	*2	Fuel Filter Warning Switch
*3	Fuel filter Assembly · Filter Element	-	-

2. Fuel Filter Warning Switch

- A fuel filter warning switch, which turns ON/OFF when the internal vacuum of the filter increases, is provided in the fuel filter assembly. This switch, which turns OFF when the internal vacuum of the fuel filter assembly increases to a predetermined level, is connected by a wire to the combination meter assembly.
- When the fuel filter warning switch detects that the internal vacuum of the fuel filter assembly has increased (by way of the fuel filter warning switch OFF signal), it determines that the fuel filter assembly has become clogged. Then, it illuminates the fuel system warning light on the combination meter assembly to urge the driver to replace the fuel filter assembly.



Normal Fuel Filter Assembly **Fuel Filter Assembly Clogged Up**

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