

FUEL FILTER

Product

KUBOTA fuel filters have been designed to remove pollutants from fuel, in both normal and difficult working conditions.

Design



Steel tension spring

Designed with heat treatment process to maintain stability of tension between spring element and canister filter to prevent bypass.



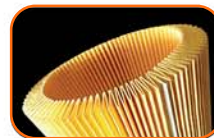
Spring retaining cup

Designed to protect body from stress concentration caused by spring.



Heavy duty end cap seals

Are made to withstand intra-plastisol leakage and Glue DNIP or DNIP Light Brown to comply with REACH regulation.



Filtration media

Optimum filtration media specifications to ensure maximum filtration efficiency and life time of filter.



Spiral perforating tube

High structural strength to prevent the element filter from collapsing and to provide a better flow.



Anti drain back valve

To prevent the oil in the filter from draining back to the crankcase.



In-bond seam

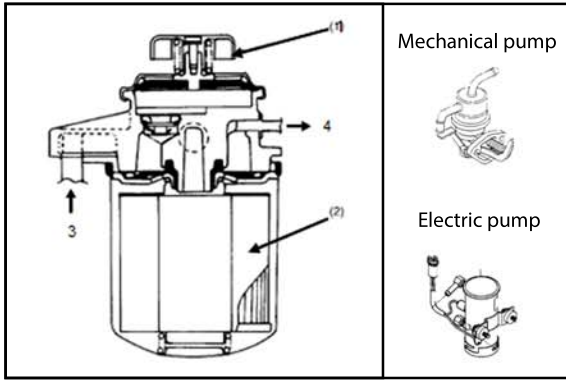
Double lock seam between the plate and the canister to increase burst strength ability.



Seal gasket

Specially designed and structured to ensure perfect sealing.

Operating Process



- 1 The fuel arrives in the filter at the inlet of the filter support (3) and then enters in the filter through its outer part (2)
- 2 The fuel outlet will be from the inside of the filter to the various components of the fuel system (4).

The manual pump (1) will be used for the refueling of the fuel (allowing the purge of the supply circuit) after changing the filter for example. This pump can also be electric or mechanical.

Recommendations for use



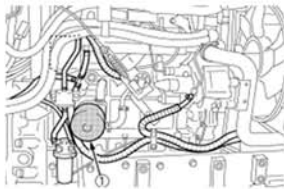
WARNING

To avoid any risk of serious or even deadly accidents :

- Stop the engine before replacing the fuel filter.

Changing the fuel filter

1. Remove the old filter



2. Coat the new filter gasket with clean fuel.



3. Tighten the filter until it touches the joint plane then tighten one more turn.

4. Bleed the fuel system.

The bleed procedure is as follows :

1. Fill the fuel tank.
2. Turn the key to the "ON" position for about 30 seconds. This allows the fuel pump to operate and pump air out of the fuel system.
3. Turn on the engine and run it for about 30 seconds, then stop the engine.