

MANN fuel filter switchable

Operating Instructions

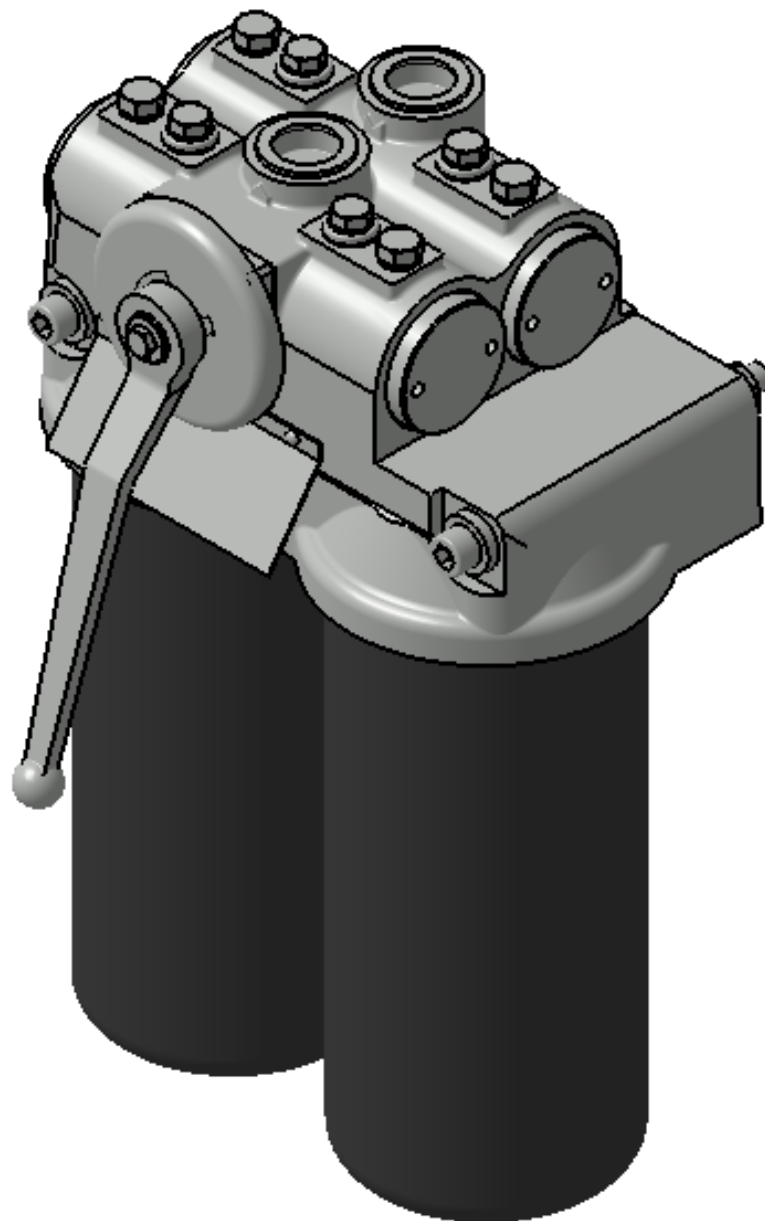


fig. shows series 66 612 82 101

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1. Preface

These operating instructions should make it easier for personnel to familiarize themselves with the MANN-filter and to use it in the various application areas for which it was designed.

The operating instructions contain important information on operating the components safely, correctly and economically. These instructions must be followed in order to avoid danger, reduce repair costs and down times and increase the reliability and working life of your machine.

The instructions must be made accessible to every person working with the filter.

Furthermore, these instructions must be supplemented as necessary with the applicable national regulations regarding accident prevention and environmental protection (in particular the disposal of removed parts).

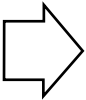
We reserve the right to make technical modifications to the filter and/or modify the content of these operating instructions.

2. Safety

2.1 Warnings and symbols



Indicates all points in the maintenance instruction affecting your personal safety. Non-observance of these instructions may endanger life and limb.



This symbol indicates that the instructions must be especially carefully observed in order to guarantee a trouble-free and economical operation.

3. General

MANN fuel filters are fine filters that are used exclusively in the main current flow of fuel supply lines on motors. The filtering grade of the spin-on filter used for these filtering units lies within the μm range.

In normal mode, the fuel flows through both parallel spin-on filters. The switchable fuel filter allows the filter elements to be changed one after the other without interrupting motor operation.

4. Design

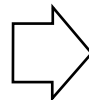
The filter essentially consists of a filter head with two mounting flanges and fastening points, a reversing valve and two spin-on filters.

5. Maintenance

The service time is based on the specifications from the motor manufacturer.

Below is a description of how to change the **right** spin-on filter. To change the left spin-on filter, proceed correspondingly.

- Turn cock wrench 90° to the right (also see customer drawing)



Filtration now only occurs via the left filter element. Because only half of the filter surface is now available, the pressure loss of the fuel filter increases correspondingly!



When performing the following disassembly procedure, wear appropriate protective clothing to avoid the risk presented by spraying and burns!



Because of the risk of fire, hot motor parts must be prevented from coming into contact with discharged fuel (catch pan, etc.)!

- Slowly open the vent screw(s) (also see customer drawing) at the end where the element will be changed.
- Unscrew the spin-on filter using a suitable means and dispose of in an environmentally friendly manner in accordance with applicable regulations.
- Clean the sealing surface on the filter head.
- Apply a light coating of oil to the seal on the new spin-on filter.

- Screw in the spin-on filter by hand and tighten.



Caution: Risk of spraying and burns!
Wear protective equipment!

- Slowly move the cock wrench towards the central position to fill the filter
- Once fuel escapes from the vent hole, close the vent screw.
- Move the cock wrench to the central position.
- Check filter for leaks.
- To change the left spin-on filter, use the left vent screw(s) and the cock wrench in the left position, accordingly.