



# **GAS FILTER CARTRIDGE SUBSTITUTION PROCEDURE MANUAL**

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**Rev. 01**

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The Gas cartridge and the O-ring must be changed every 20.000 km.

How to proceed:



Fig.1

Cartridge can be substituted also without disinstalling the filter, although it is not the most recommended procedure.

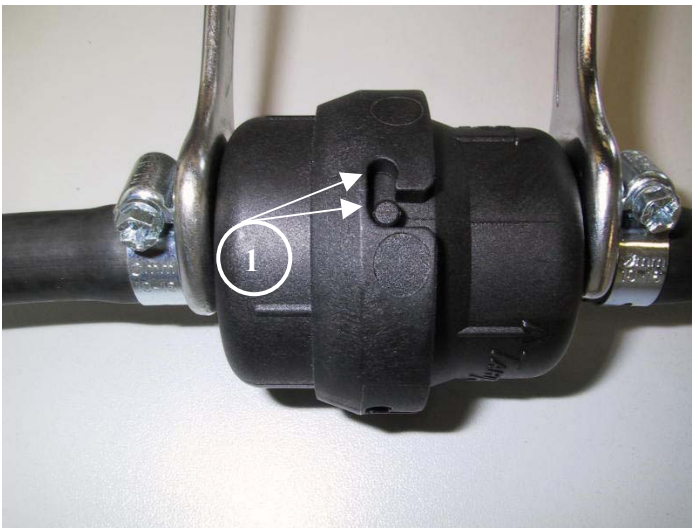


**Warning:**  
perform all the following steps with engine off.



fig.2

Lock the filter with 2 key nr 17 as shown in the picture.



Turn both keys anti-clockwise until the pin is out of its position.

Fig 3



Open the filter.

fig. 4



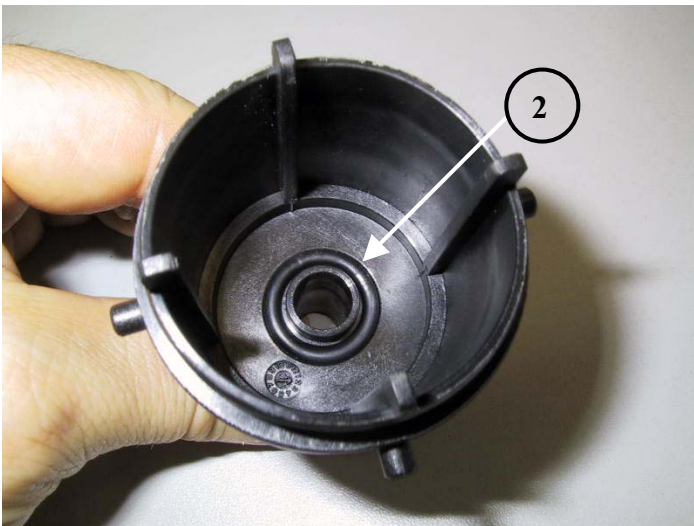
You can now access the gas cartridge.

fig. 5



Take the cartridge out.

fig. 6



On the bottom of the filter you can see a small O-ring which has to be changed too.

fig. 7



Clean the O-ring housing before installing a new one.

fig. 8



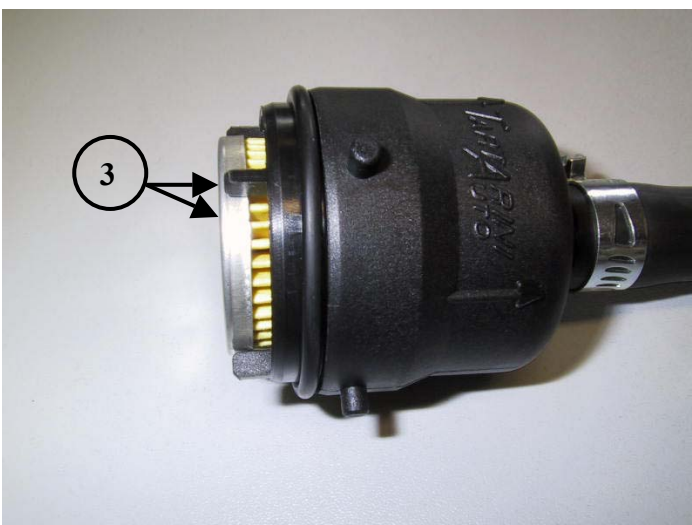
Change the external O-ring

fig. 9



Insert a new cartridge: the hollow must be directed toward the gas "outlet". If inserted in the wrong direction, the cartridge doesn't fit completely to the end of the filter.

fig. 10



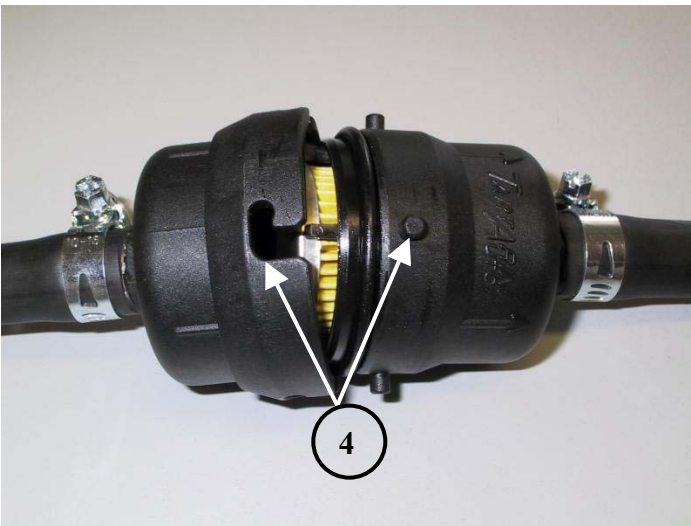
If inserted correctly, the cartridge reaches the same level as the support pins.

fig. 11



Grease the O-ring before assembling the filter.

fig. 12



Close the filter by following the same procedure.

fig. 13



Push until the pins are completely inside their housing.

fig. 14



fig. 15

Turn the keys clockwise and fix it tight.

The filter is now ready to be used again.

 **IMPORTANTE:**

After the first change over to Gas turn off the engine and perform a quick check to make sure there are no Gas leaks from the filter.