

Installation instructions

GB

Please read carefully before installation!

Specifying the fan drill hole.

Exact positioning is only necessary if the sanitary sewage tank is located far to the front in the service compartment, as shown in the figure, in order to ensure that the service door closes correctly. If more space is available, the fan can also be positioned somewhat higher or lower.

For exact positioning, place a ruler (flat material) on the sanitary sewage tank ① with the cartridge inserted.

Measure the height from the base to the upper edge of the flat material.

Close the service door, transfer the measured height onto the middle of the door, measure from the point 20 mm to the top and drawn on. This point is the center of the hole.

Drill the hole in the door with a pot drill or hole milling device: 36-37 mm diameter.

Inserting the fan.

As odors can penetrate through unsealed points into the service compartment and from there into the vehicle, a careful SEALING is important:

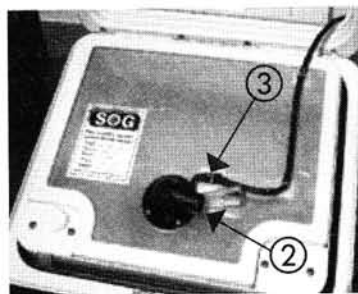
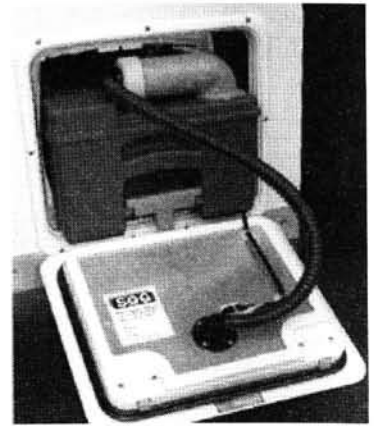
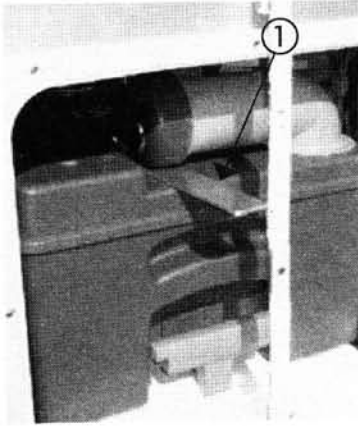
Grease drill hole with silicone;

Insert fan ①, the hose connection in the fan ② must ideally point in the opposite direction to the SOG connection in the cover.

Fasten fan with the screws 3.5 x 16 mm (4 items).

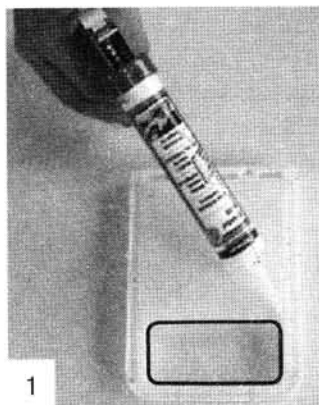
Attach cable cap ③ 25 x 25 mm below the fan for strain relief.

Attach two further adhesive caps and lay the cable as shown in the figure.

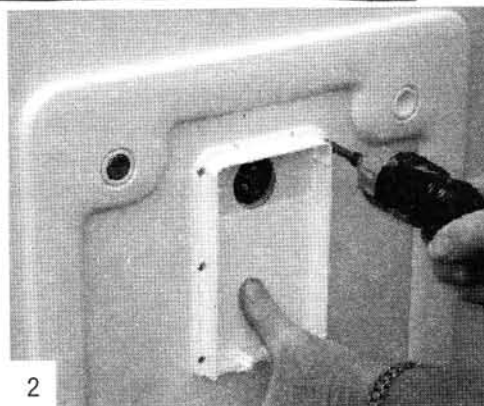


Installation instructions: SOG toilet ventilation type F for C-250

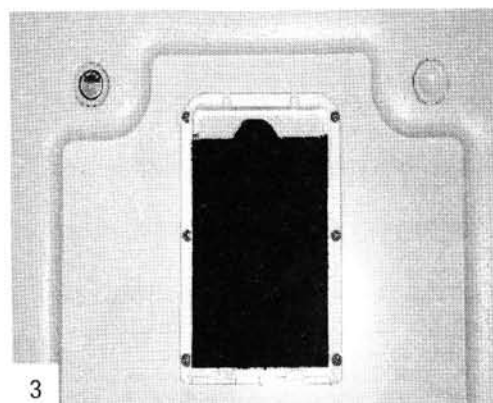
Mounting the filter housing.



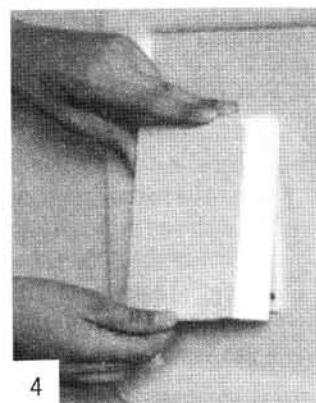
Apply a silicone beading on the rear of the filter housing around the fan outlet opening.



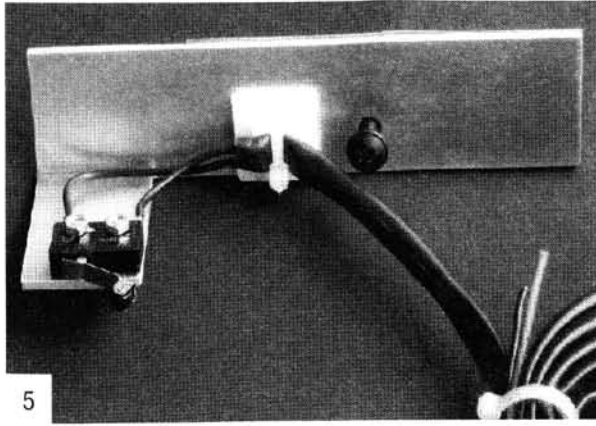
Mount the filter housing in the center of the frame recess for reasons of visual appearance. Screw screws, 3.5 x 16 mm VA, into the aluminum sheet without drilling beforehand and tighten. If a metal sheet is to be used here, pre-drill with 3 mm.



Insert filter in the available fixture.

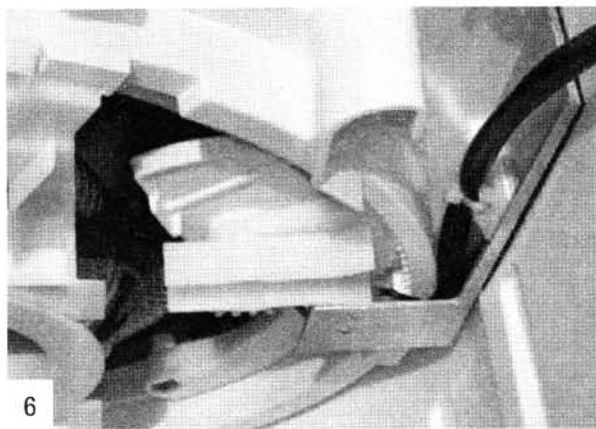


Place cover on the top – pull it forwards slightly at the bottom. Push the cover from top to bottom so that it locks into place. Screw in screws and tighten slightly. Apply a light pressure on the cover while doing so.

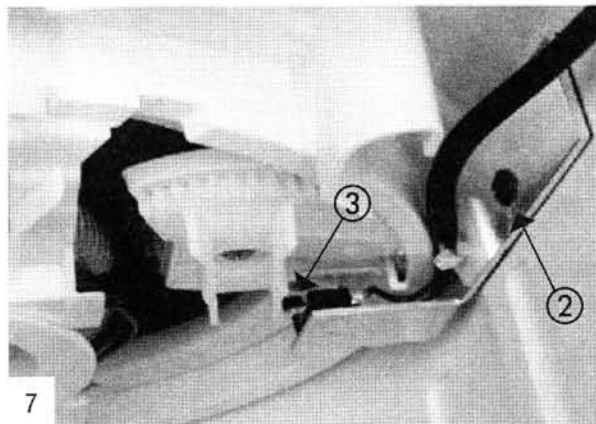


The aluminum bracket must be bonded in so that the guide roller ③ of the micro-switch is located on the rear edge of the slider opening bar.
NOTE: The power supply is interrupted when the switch is pressed down, with the result that the fan is only switched on when the slider is open.

- ⑥ In order to determine the position of the aluminum bracket, place the opening bar of the toilet crosswise as far as the limit stop, and lean the side piece of the aluminum bracket on the opening bar from behind. Lean the aluminum bracket upwards on the plastic housing of the toilet and adhere horizontally. Pull off adhesive foil protection to stick the aluminum bracket to the micro-switch.



- ⑦ The aluminum bracket must also be secured with the Phillips screw ② 3.9 x 9.5. Screw the Phillips screw out through the 5 mm hole of the service compartment with a cordless screwdriver without pre-drilling. This is possible because the plastic wall is double-sided.
ATTENTION: do not use a longer screw.



Cable harness laying:

Shorten the cable harness to the required length and fasten with the cable clips and self-adhesive caps provided.

The service compartment contains a "plus" and "minus" sign at the bottom – which can be recognized from the black and red color scheme. The "plus" is usually on the red and „ground“ on the black (nevertheless, check polarity). Connect cable to the branch connectors provided (red), connect the red cable of the cable harness to „red“, and the black cable of the cable harness to "black".

Function test – Checking the power connection

Switch on fan by opening the slider opening bar in the vehicle.

The fan must now operate – if it does not function, please check whether the 12V onboard power supply is switched on.

In some types of vehicle the toilet is connected to the power circuit of the pressurized water pump - please switch on the water pump.

If the fan still does not function, check the polarity, as the fan is provided with a reverse polarity protection and can only operate after the correct assignment of "plus" and "minus".



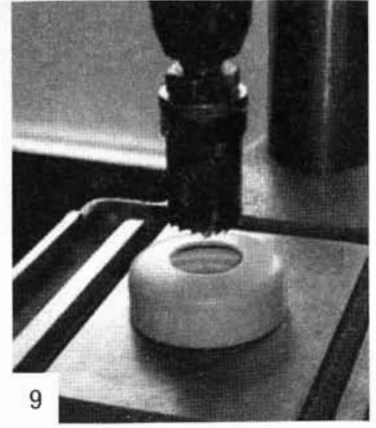
8

The screw cover must be placed on the drain pipe in order to establish the hose connection at the cartridge.

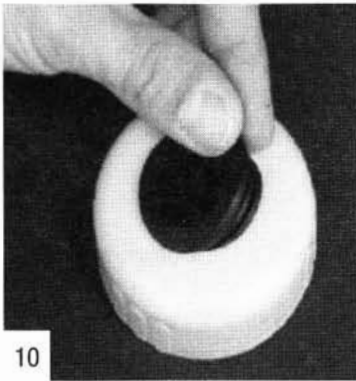
- ⑧ Place the screw cover on the drill table and drill with a pot drill 32 mm diameter.

Drill the deepening of the cover with a centering drill, the measuring cup will loosen when drilling through – remove this and place the cover on again.

- ⑨ Drill cover to 32 mm diameter.



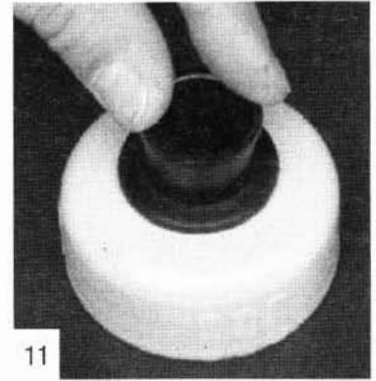
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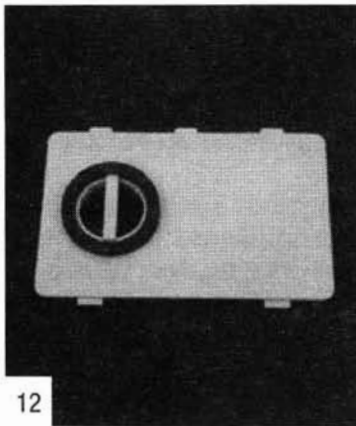
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- ⑩ Insert bushing rubber into the drill hole.

- ⑪ Insert ferrule terminal into the rubber and push in as far as it will go.



11



12

- ⑫ Remove insertion plate in the service compartment (place in vehicle with the customer documentation).

The ventilation valve in the cartridge is opened via the central web in the drill hole.

This must always be prevented when using a SOG ventilation; the ventilation valve must always remain closed (gas escape).



Adjusting the air outlet hose

– Insert the hose in the cover connection and shorten to the required length. The service door should be suspended all the way down.

– Now pull out from the connection again and screw the hose counterclockwise onto the fan housing connection.

The hose must not be fastened with a cable clip or similar fastening clips, as this would irreparably damage the fan.

Close the service door and ensure that the hose is neatly inserted and no siphon forms.

– The hose is removed from the cartridge at the cover connection and sealed with the enclosed plugs during emptying.