

# Installation BE Fuelsaver®

A product of New Generation

There are several ways to install the BE Fuelsaver® correctly: We recommend an installation through an expert! It usually takes only a few minutes and should cost around EUR 20 to EUR 80.

## 1. Tank opening (in Europe we recommend this only for vehicles up to the year of manufacture 2005 or older)

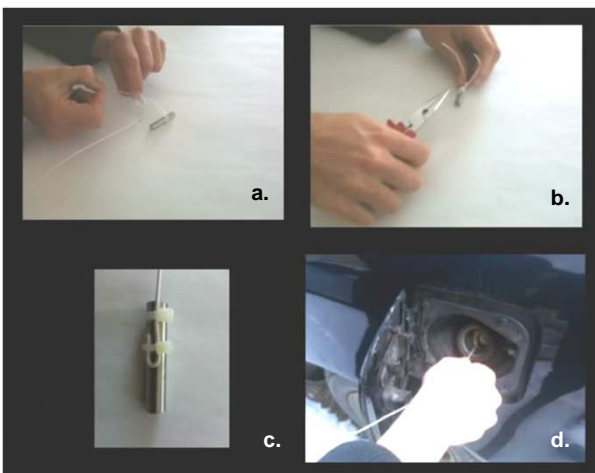
Please have a look at the pictures (or the video on [www.be-fuelsaver.net](http://www.be-fuelsaver.net)). The installation is simple and can be done in a few minutes, but we recommend this installation mode only for vehicles which were built up to 2005 or before! (After this year, for security reasons, before the tank, there is a lid or cover built in to prevent the leakage of fuel in case of the overturning of the vehicle. For newer cars please choose another installation method!)

Please use a wire of approx. 1.5mm thickness. Length: usually 1.5 to 2.0 meter necessary to make sure the BE Fuelsaver® reaches the bottom of the tank. Please attach the BE Fuelsaver® with the two cable straps included in the product delivery (asymmetrically, see photo). If the wire is too thin or soft, it will be more difficult to get the BE Fuelsaver® down to the tank as it might be stopped at some turn of the tank. You should hear when the BE Fuelsaver® reaches the bottom of the tank. With a slight lateral movement, you should be able to hear a contact noise at the tank bottom. To test the way down the tank pipe, we use a TV-coaxial cable (2 meter long), insert it into the fuel pipe to see if it gets wet and smells like fuel, even if the tank is not completely full. Then you can be sure that you have reached the bottom of the tank.

**Possible problems:** some vehicles have a filter or a lid/ball valve built in before the tank (from construction year 2006) Then please choose another installation method.

*Fig. a-c:* Attach wire to the BE Fuelsaver® with cable straps, tighten straps with tongs and cut off the rest of the cable straps.

*Fig. d:* Insert the BE Fuelsaver® in the tank, already attached to the wire



## 2. Installation through Service Unit/Fuel Level Sensor

Please have a look at the pictures (or the video on [www.be-fuelsaver.net](http://www.be-fuelsaver.net)):

Below the back seat (station wagons: sometimes below the load platform) you will find in most vehicles the service unit, the so-called fuel level sensor (an opening to the tank). Please open only if the tank is less than half full. Normally, it can be unscrewed. In the vehicles of the VW group there is a winding underneath the security lid. You can carefully tap it open with a hammer and a screw driver. Installation with dental floss (Oral-B is durable) or with a nylon fishing line.

The installation can be done in approx. 10 minutes. After that make sure to close the lid tightly again! If need be, ask your mechanic/garage for assistance.

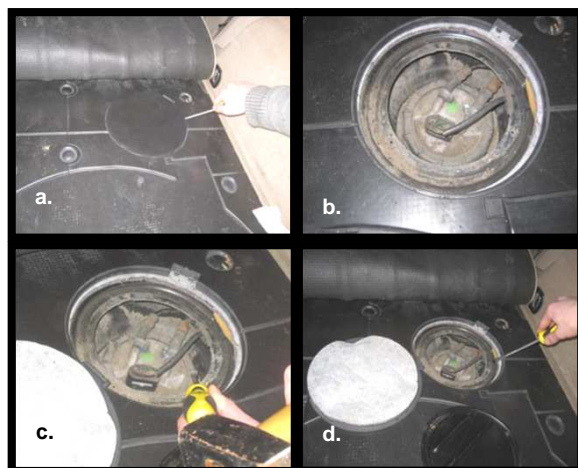
**Possible problems:** If you use wire (instead of dental floss/nylon line), fuel can seep out of the tank and there will be an unpleasant odor. Please close the tank tightly immediately after the installation. The sealing ring could warp. Especially some French vehicles might require the disassembling of the whole tank, in that case please choose another installation method.

**Example back seat** (Tank is below)

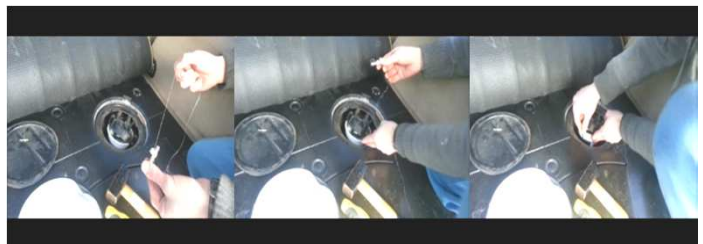


**E.g. VW Passat Combi, service opening in the luggage compartment**

1. Open security lid, (see fig. a+b)
2. Carefully tap open winding with screwdriver and hammer, lift lid with screwdriver (fig. c+d)



3. Insert BE Fuelsaver® attached to dental floss or nylon line into the tank



4. Close winding tightly, cautiously tap with screwdriver and hammer to fully close it, put security lid back on and secure with the screws the way you opened it.



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### 3. Connecting tube before the tank filler

Please have a look at the pictures (or the video on [www.be-fuelsaver.net](http://www.be-fuelsaver.net)):

Many vehicles have a connecting tube which connects the tank to the tank opening. Here the BE Fuelsaver® can simply be put into the tank (with dental floss or nylon line). The tank should be almost empty, as fuel could be spilled. Attach the dental floss or nylon line to the BE Fuelsaver® and put into the tank. Let a small piece of the line/floss hang out in order to take out the BE Fuelsaver® at a later point in time (e.g. change of car). Please contact your garage for this type of installation. They can do the installation in a few minutes via the auto lift. The costs are usually around EUR 24 (i.e. Midas, AT), sometimes the work is done for free as part of the periodical service. Time expenditure: approx. 5-10 minutes.

**Possible problems:** The connecting tube is in some cases welded to the tank. In this case please choose another installation method.

Fig. 1. Connecting tube to the tank

Fig. 2. loosen the clamping piece, detach the tube

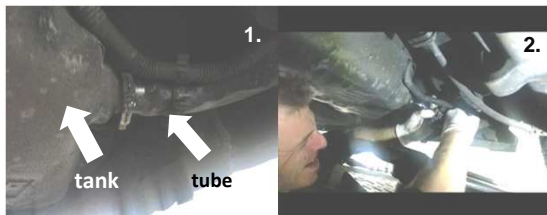
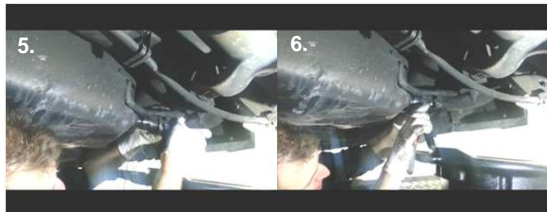


Fig. 3+4: insert BE Fuelsaver®



Fig. 5: attach the tube back again

Fig. 6: tighten clamping piece



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### 4. Diesel vehicles: installation in the fuel filter

Most diesel vehicles come with an easily accessible fuel filter. You can put the BE Fuelsaver® in there. Please make sure that the BE Fuelsaver® is well «bathed» with the diesel, so that it can unfold its full effect. After the installation, the fuel filter must be vented.



**Possible problems:** With one customer, the installation did not show any effect, as the BE Fuelsaver® lay on a place where it had no contact to the fuel.

Some filters have a built-in-cartridge which means that there is not enough space for the BE Fuelsaver® in the filter.

### 5. Pipe installation (not applicable for trucks and busses!)

With most vehicles the above installation methods should be possible. Some few exceptions have to use this installation method, which means the BE Fuelsaver® has to be attached to the fuel line (from the outside). Depending on the size of the line there is a dampening of the fuel saving. If possible, we therefore recommend the other proposed installation methods, where the BE Fuelsaver® directly lies in the fuel. Please find out which line is the inlet pipe (there is always an inlet pipe and a reflux pipe. The installation on the reflux pipe shows NO effect).

Please install the BE Fuelsaver® as close as possible to the motor on a straight piece of the inlet pipe. Please attach the BE Fuelsaver® with the provided cable straps.

**Possible problems:** If the wall thickness of the pipe is more than 2mm, the effect of the BE Fuelsaver® is close to zero as the stick is too far away from the fuel (i.e. thick rubber hose of jeeps, or coat against the cold in Finnish vehicles).

