




# Volkswagen Cabriolet How-to

## Replacing the In-tank Fuel Pump

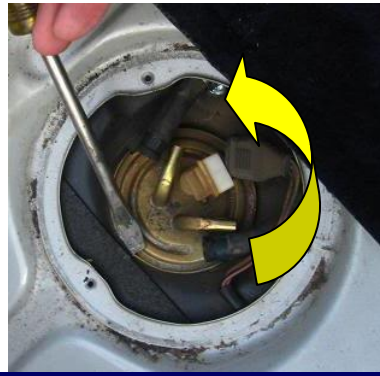
This how-to was originally posted on VWvortex.com by "Redvr6MkIII": <http://forums.vwvortex.com/zerothread?id=3160880> and by "dadachshund": <http://forums.vwvortex.com/showthread.php?3961934> .

Tools needed:

- ½ a tank of gas or less
- 10mm wrench
- Phillips screwdriver
- Flathead screwdriver and hammer
- Dykes/hose clamp cutter (if your car has the original hose clamps)
- New hose clamps
- 5/16" rubber fuel line hose
- Rags, vacuum cleaner

Steps	Photos
<ol style="list-style-type: none"><li>1. Using 10mm wrench, <b>disconnect the battery!</b></li><li>2. Remove the rear seat bottom:<ol style="list-style-type: none"><li>a. Remove the two Phillips screws and tab covers.</li><li>b. Slide the seat bottom out.</li></ol></li></ol>	
<ol style="list-style-type: none"><li>3. If there is dirt on and around the inspection cover, clean it up.</li><li>4. Using your Phillips screwdriver, remove the pump's 3 inspection cover screws and lift the cover off.</li></ol>	
<ol style="list-style-type: none"><li>5. Remove the gas cap to relieve fuel tank pressure.</li><li>6. Remove the hose clamps (if original, they'll need to be cut, or carefully pried open), two fuel lines (have rags and/or plugs ready), and the electrical plug from the in-tank pump/fuel gauge sender.</li></ol>	

7. Rotate the pump/sensor assembly counter-clockwise (this task may require placing a flathead screwdriver in the notch as shown and hitting it with a hammer), and pull it up/out (because of the fuel gauge sender, it will not pull straight out; you'll need to angle it once or twice as you're pulling).



8. Separate the pump from the gauge sender assembly by removing the hose clamp from the sender-side of the hose. Remove longer hose from sender.
9. Cut new hoses the length of the old ones and install on sender (reuse clamp if still good, if not use new one) and new pump (use new clamps, if need be).



10. Clean up the gauge sender assembly, if need be.
11. Re-install the pump/sensor assembly, fuel lines, electrical plug, cover (make certain that the O-ring seal is in good shape; if not, replace it) and rear seat (installation of all parts is reverse of removal).
  - a. Assembly will <snap> into place; you may need to use the screwdriver trick to reinstall as you did to remove it.
12. Reconnect battery.



**\*\* Remember, *you* are responsible for working on *your* car; Cabby-Info.com, "Redvr6MkIII", "dadachshund", VWvortex.com, VAG, VWoA, or anyone else are not responsible if *anything* goes wrong while *you* are working on, in and under *your* car!**

**Use this information at your own risk!\***