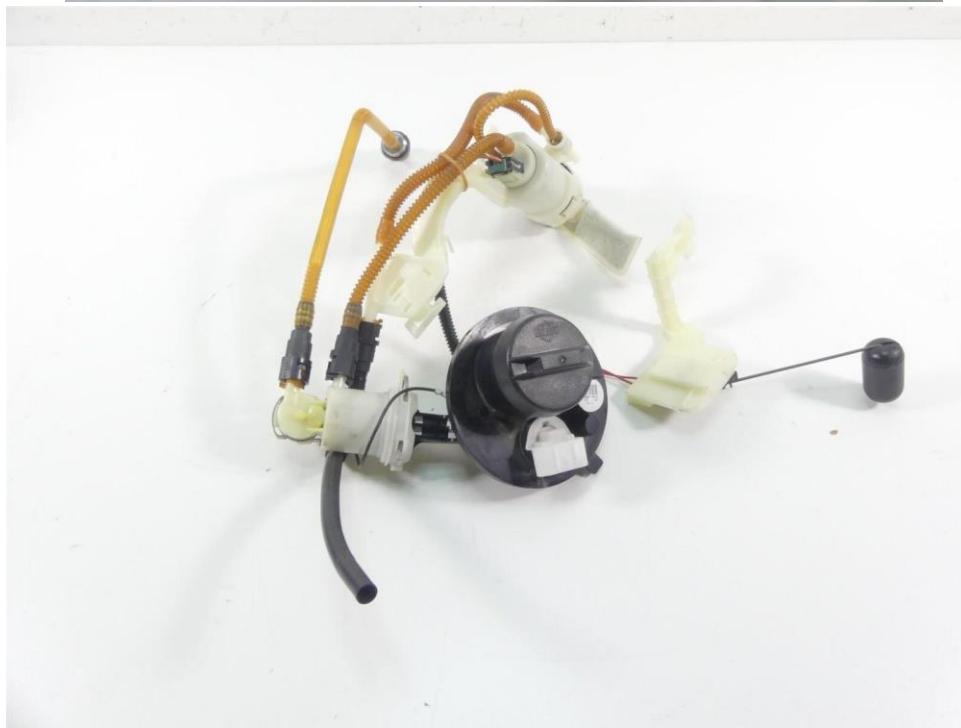
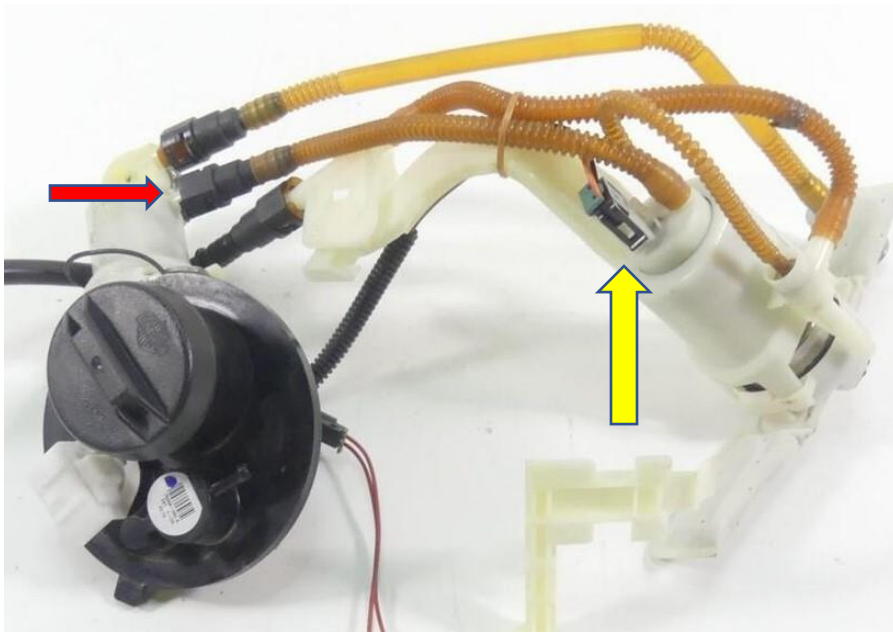


PLEASE READ: This guide is intended to aid in the installation of our products. It is recommended that factory manuals or instructions are followed to remove the fuel pump assembly from the vehicle. Instructions in this guide are generic and are intended to aid in the installation of a DW100 or DW200 fuel pump. The factory manual should supersede any contradiction.

Below is a picture of some suggested tools that will make the installation process easier.



1 – Disconnect the OE fuel pump electrical connection (yellow arrow). Disconnect the OE EFI fuel hose connection (red arrow). Squeeze the 2 tabs toward each other to release the fitting then pull fuel fitting away from the tabs. The tabs will remain on the inlet port of the filter/PRV assembly you are removing the hose from (picture on the right).



2 – Remove the OE fuel hose from the OE EFI fitting (yellow arrow). Remove the small OE venturi hose located on the side of the lower fuel pump assembly on the brass hose barb fitting (red arrow). Using a razor blade carefully cut a small slit on both hoses without damaging any of the parts you are removing the hoses from (blue arrow). You will be reusing the OE EFI fuel fitting.



5 – Install the upper rubber isolator on the top of the DW fuel pump (red arrow). Preinstall a medium sized permanent clamp onto the smaller end of the fuel hose. Slide this end of the fuel hose onto the DW fuel pump outlet. Make sure the hose bottoms out onto the DW fuel pump. Place the clamp in the direction and location shown below (yellow arrow). Squeeze the permanent clamp tight using crimpers or side cutters.

Note: A firm amount pressure on the clamp is needed, but do not overtighten as the clamps will break.



6 – Install the small venturi hose onto the venturi hose barb located on the top of the DW fuel pump. Preinstall one of the smallest permanent clamps onto the hose. Pressing firmly install this end of the hose onto the venturi hose barb until the hose bottoms out on the hose barbs base. Align the small clamp in the direction shown below (red arrow) make sure the clamp is all the way to the bottom of the installed hose. Squeeze the permanent clamp tight using crimpers or side cutters.

Note: A firm amount pressure on the clamp is needed, but do not overtighten as the clamps will break.



7 – Slide the hoses through the lower fuel pump assembly and install the lower rubber grommet and the lower cap (picture on the left). Install the provided filter sock with the provided lock washer. Recommend using a small screwdriver or a small socket to press the lock washer on the filter stud until it is fully seated (red arrow).



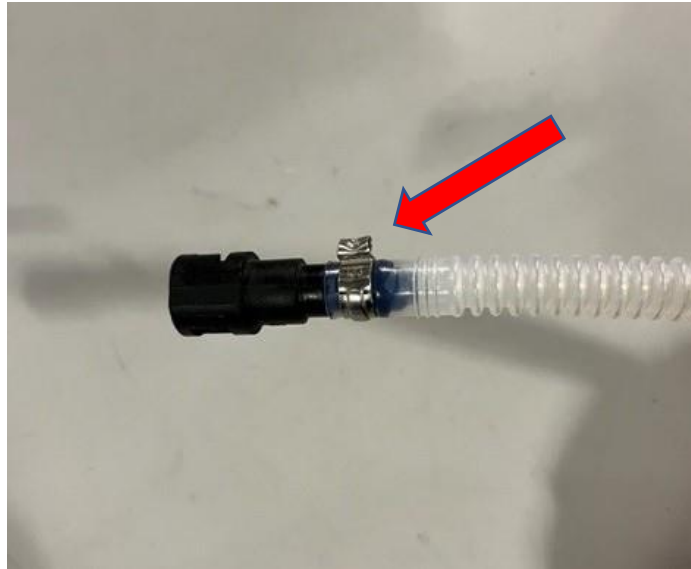
8 – Install the other end of the venturi hose. Preinstall a small permanent clamp onto the hose then slide the hose onto the OE brass fitting located on the side of the lower fuel pump. Make sure the hose is slid all the way onto the hose barb until it bottoms out. Squeeze the permanent clamp tight using crimpers or side cutters (picture below).

Note: A firm amount pressure on the clamp is needed, but do not overtighten as the clamps will break.

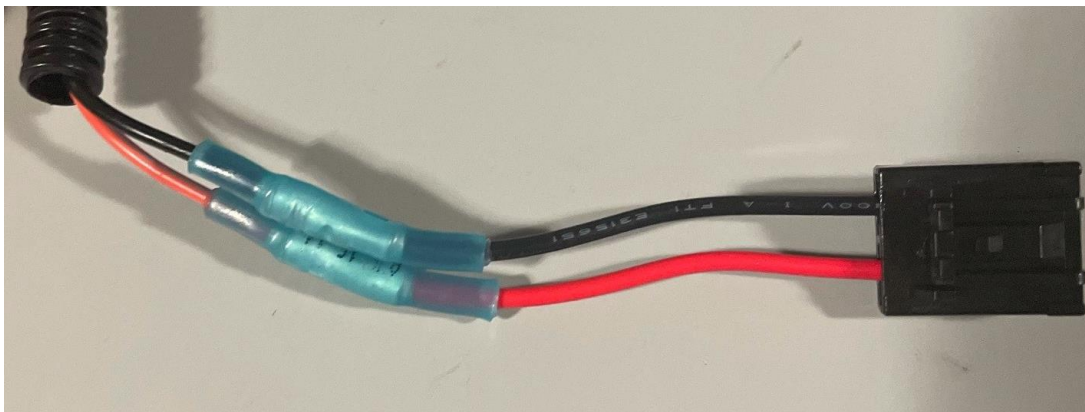


9 – Install the OE EFI fuel fitting onto the large end of the fuel hose. Preinstall a large permanent clamp onto the hose then push the fitting into the hose until the hose bottoms out onto the fitting. Tighten the clamp in the direction shown below (red arrow). Squeeze the permanent clamp tight using crimpers or side cutters.

Note: A firm amount pressure on the clamp is needed, but do not overtighten as the clamps will break.

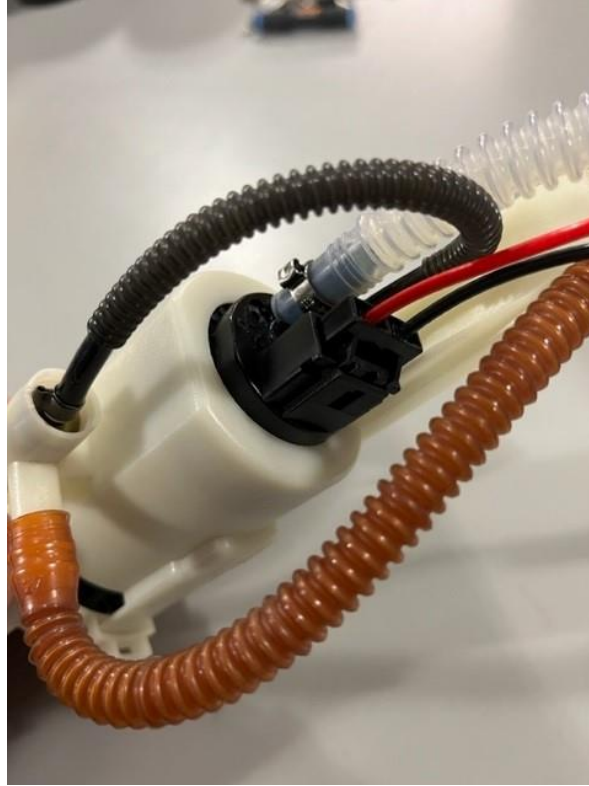


10 – Cut approximately 3-4 Inches off the OE harness from the fuel pump side of the OE connector. Cut approximately 3-4 Inches off the provided connectors harness from the fuel pump side of the connector. Using wire strippers remove approximately a 1/4 inch of coating off each end of the OE harness and the provided connectors harness to install the provided butt connectors using wire crimpers. Black OE wire goes to the new black wire and the OE orange/grey wire goes to the new red wire. Use a heat gun to shrink the fuel safe butt connectors against the wires (picture shown below).



11 – Connect the electrical connector into the DW fuel pump (photo below)

Note: Make sure the connector is fully connected. It should not move when you pull back on it. When installing you should hear an audible click noise.



12 – Install the OE EFI fuel fitting onto the filter/PRV assembly inlet (photo below). Make sure the 2 tabs fully lock into place by pushing the fitting onto the hose barb and align the tabs to the fitting.



For additional technical support please contact us at: TechSupport@Deatschwerks.com or 405.233.3991