

9-301-1038

04-7 Cadillac CTS-V DW300 Fuel Pump Installation Guide



Parts List:

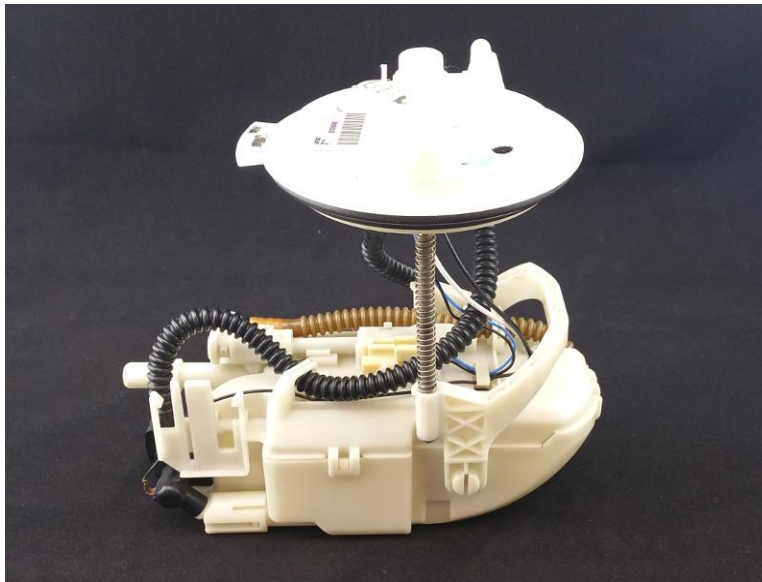
- DW300, 9-301
- Fuel Hose, pre-installed
- Hose Clamp, pre-installed
- Hose Clamp

CTS-V DW300 Fuel Pump Install

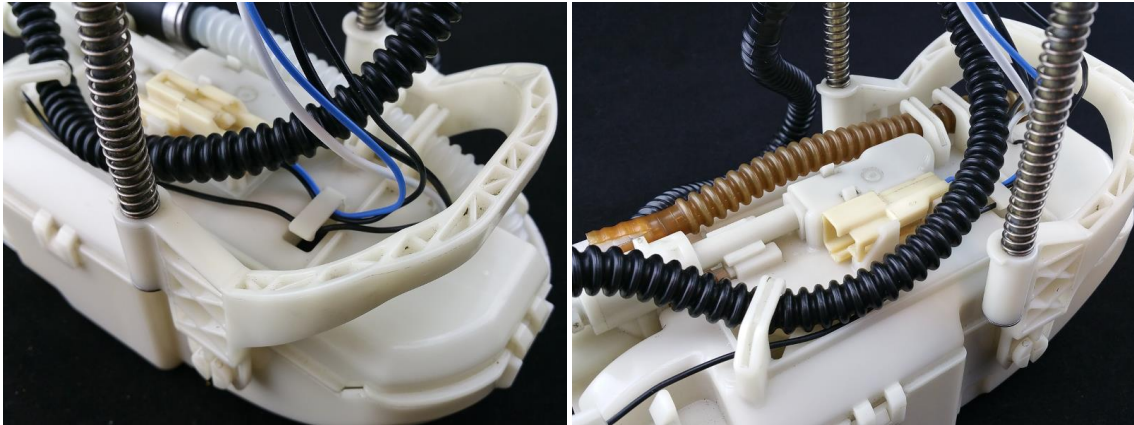
PLEASE READ – this guide is intended to aid in the installation of our products. It is recommended that factory manuals or instructions are followed to remove the fuel pump assembly from the vehicle. Some instructions in this guide are generic. The factory manual should supersede any contradiction.

This kit uses PTFE tubing and permanent clamps. Heat from a heat gun, high temperature hair dryer, or boiling water may be used to soften the tubing ends to make installation onto the pump and assembly easier. DO NOT USE AN OPEN FLAME! The permanent clamps may be crimped with end cutters or side cutters. PTFE tubing installation video: <https://www.youtube.com/watch?v=6NE6tRE1Kug>

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



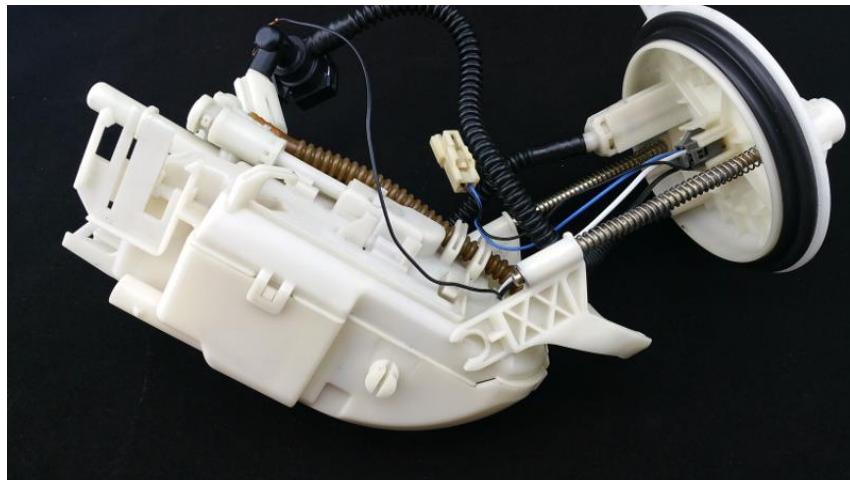
For Wire Routing Reference



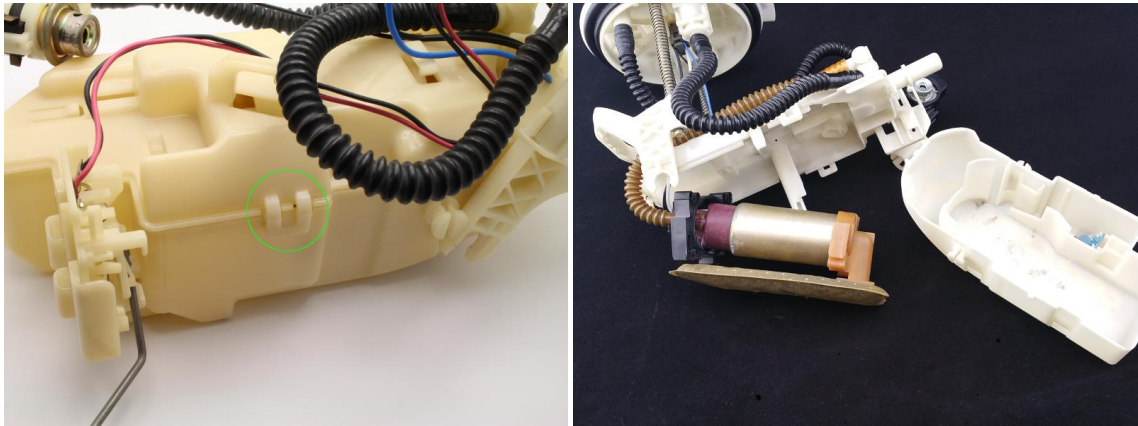
1 – disconnect the return line by lifting up the tab on the side and pushing down the tab on the front



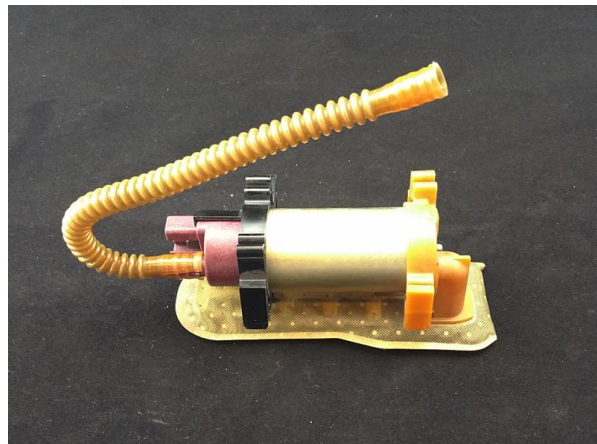
2 – remove wires from their holders and separate the top hat from the assembly by pulling up



3 – separate the bottom from the assembly by opening the 4 tabs (green circle) and disconnect the electrical connector



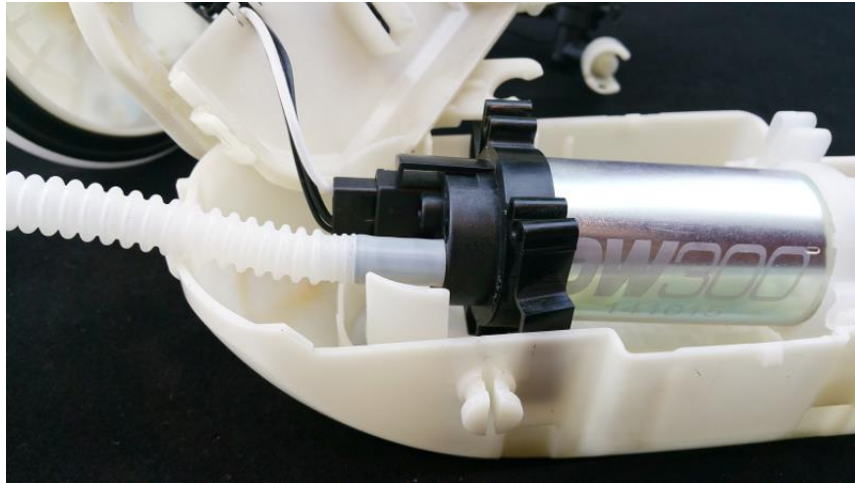
4 – disconnect the fuel supply line from the assembly with a sharp hobby style knife, remove the fuel filter and the front support. These will transfer to the DW200/300



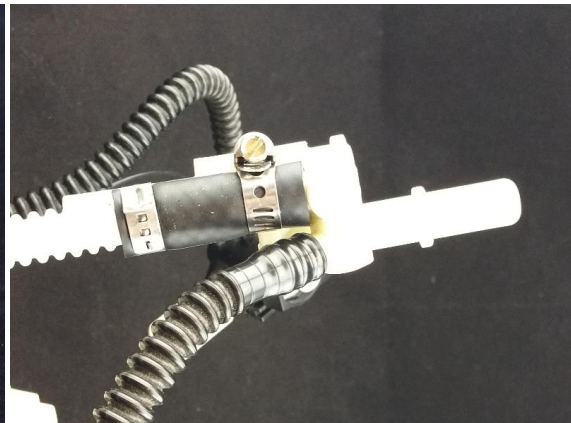
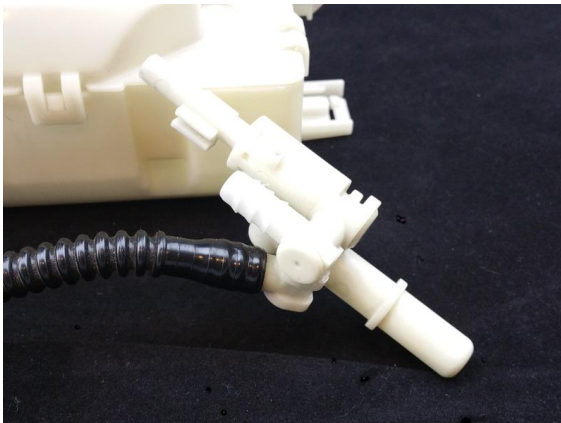
5 – transfer the OE filter and front support to the DW200/300



6 – drop the pump into the boat and connect the electrical connector

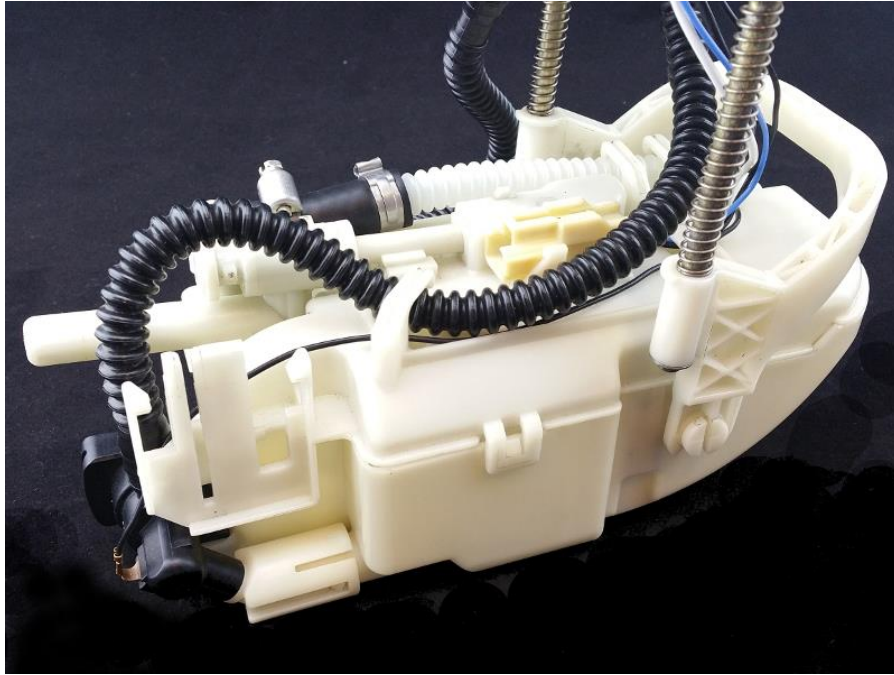


7 – remove the assembly inlet (line from pump outlet) by gently pulling out, attach the rubber hose on the end of the preinstalled plastic hose on the pump to the assembly inlet, then replace after tightening hose clamp



04-7 Cadillac CTS-V DW300 Fuel Pump Installation Guide

8 – clip the top back on the boat and reconnect the return line, then snap the top hat back on. Use the wire routing reference at the beginning of the guide to put the wires back in place



9 – reinstall the assembly into the fuel tank and attach a length of hose to the outlet of the pump assembly allowing it to drain into a fuel safe container and prime the fuel pump assembly

10 – crank the engine for a period of time long enough to prime the pump assembly and evacuate the air introduced during the pump installation process

11 – attach supply line to the outlet of the pump assembly