

9-401-1045 05-10 Mustang DW400 Fuel Pump Installation Guide



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Parts List:

- DW400, 9-401
- 2" Fuel Hose
- 5/16" Hose Clamps (x2)
- Fuel Sock
- Electrical Connector

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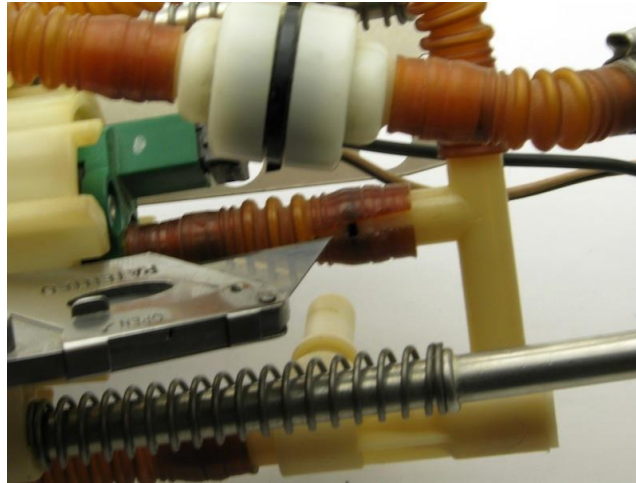
PLEASE READ – this guide is intended to aid in the installation of our products. It is recommended that factory manuals or instructions are followed to remove the fuel pump assembly from the vehicle. Some instructions in this guide are generic. The factory manual should supersede any contradiction. The DW400 pump has a larger body than most in-tank pumps it will replace. Some cutting of the assembly should be expected for proper fitment.

NOTE: Due to the added current draw of the DW400 pump, the factory wiring on the 2005-2010 Mustang may be inadequately sized. We suggest a hardwire relay style kit to provide the pump with a solid 13-14volts and upgraded wiring size. The drawback of installing a hardwire kit is that it disables the factory fuel pump control module. This will cause the fuel pump to over pressurize the system and must be controlled with an aftermarket regulator and converting the car to a return style fuel system.

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



1 – cut the supply tube from the OE pump outlet



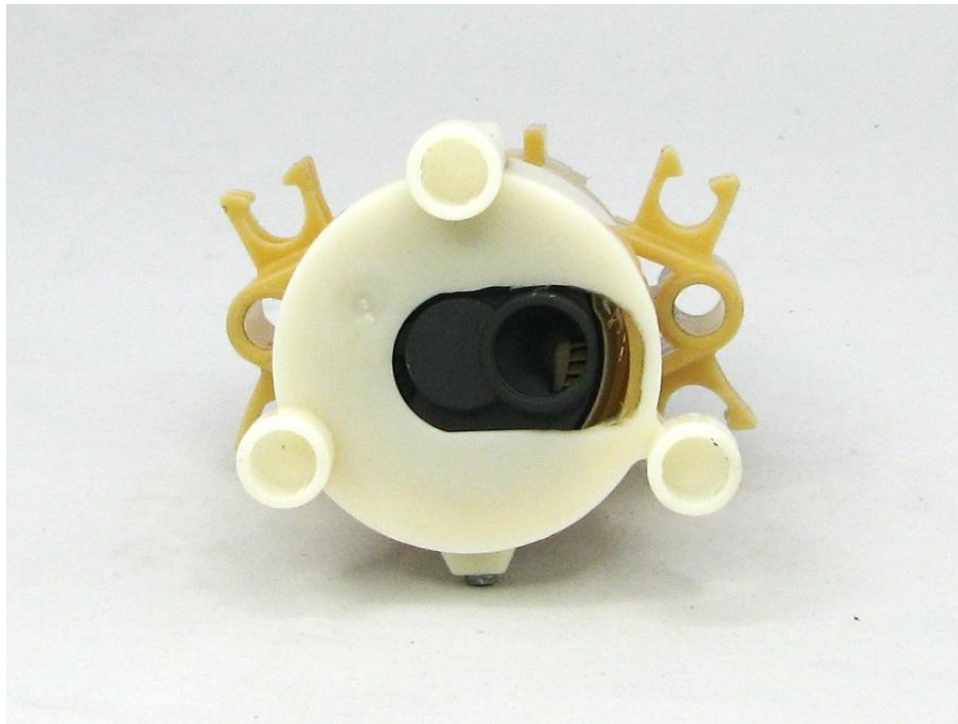
2 – disconnect the fuel level sender from the electrical harness and remove the pump assembly with springs and set aside, DO NOT cut the remaining OE tubing!



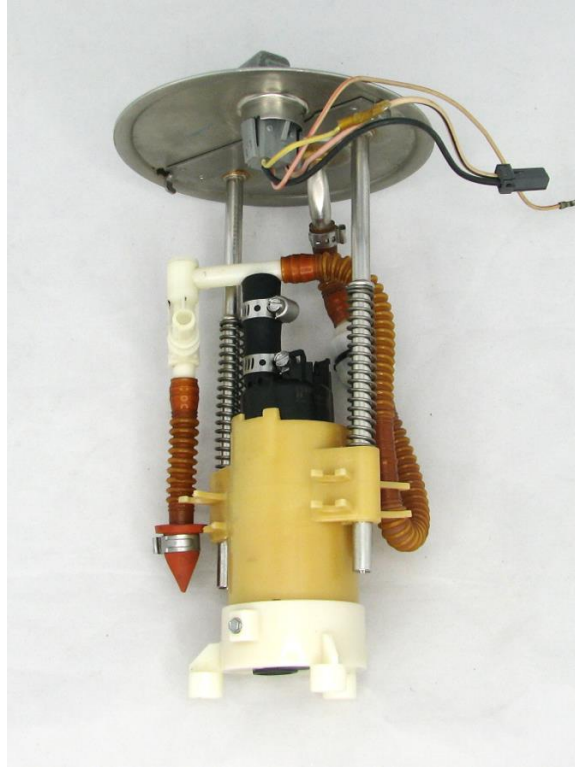
3 – remove the OE pump from the pump subassembly. Use a 1 7/8” hole saw or rotary tool to bore the top of the pump subassembly out so that the DW400 pump fits into the subassembly



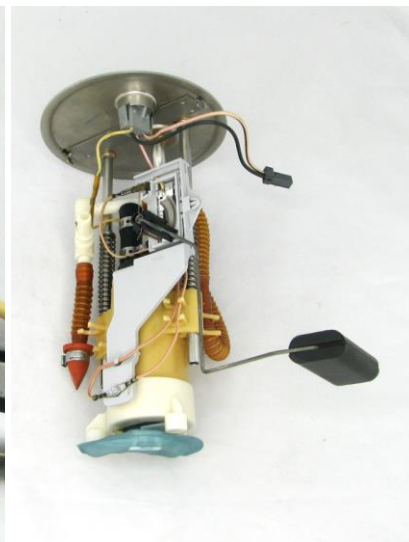
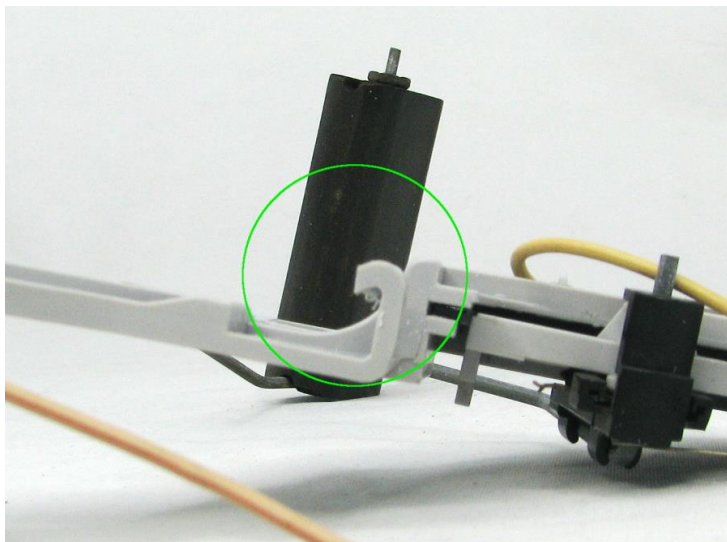
4 – trim the pump subassembly base to fit around the inlet of the DW400. Temporarily install the screws to hold the base to the subassembly



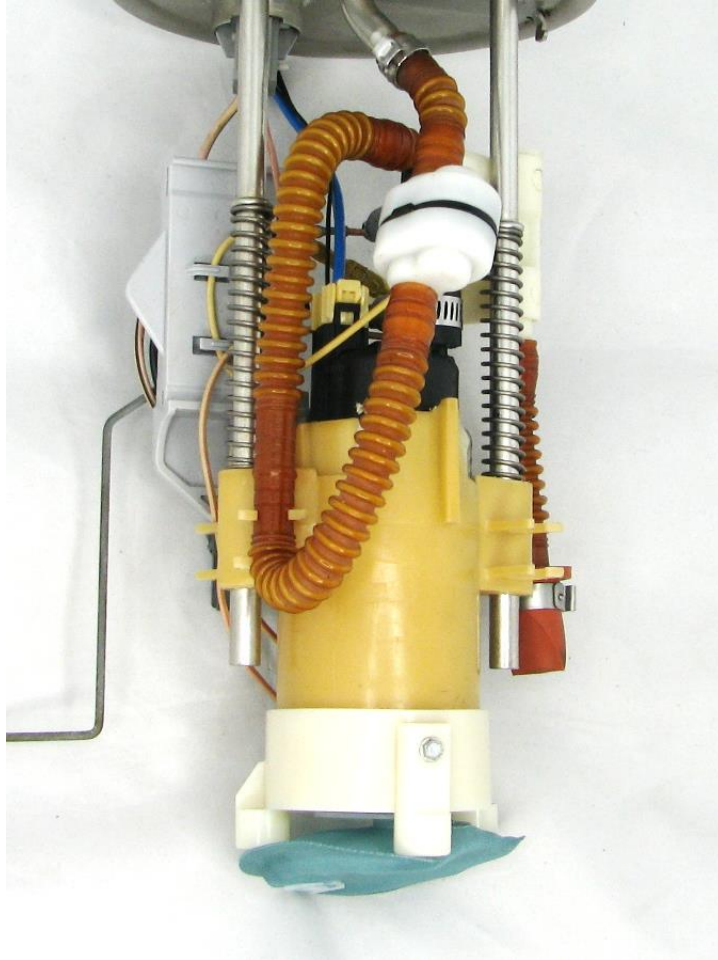
5 – install the supplied DW fuel hose onto the assembly inlet, further trimming may be required. Reinstall the assembly springs and the subassembly with DW400. Slip the clamps onto the hose and install the hose onto the DW400, then tighten both hose clamps



6 – trim the hook on the fuel level sender and then install the fuel level sender onto the pump subassembly. Tighten the subassembly bottom cap screws and install the pump pre-filter



7 – wire in the supplied DW400 electrical connector and plug it into the DW400



8 – 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

9 – cycle the key to the on position as many times as required to prime the pump assembly and evacuate the air introduced during the pump installation process

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

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