

9-401-1046

11-14 Mustang GT DW400 Fuel Pump Installation Guide



Parts List:

- DW400
- 1/8" Fuel Hose
- 3/8" Fuel Hose
- 1/8" Hose Clamps (x2)
- 3/8" Hose Clamps (x2)
- Fuel Sock
- Electrical Connector Harness

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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.

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.

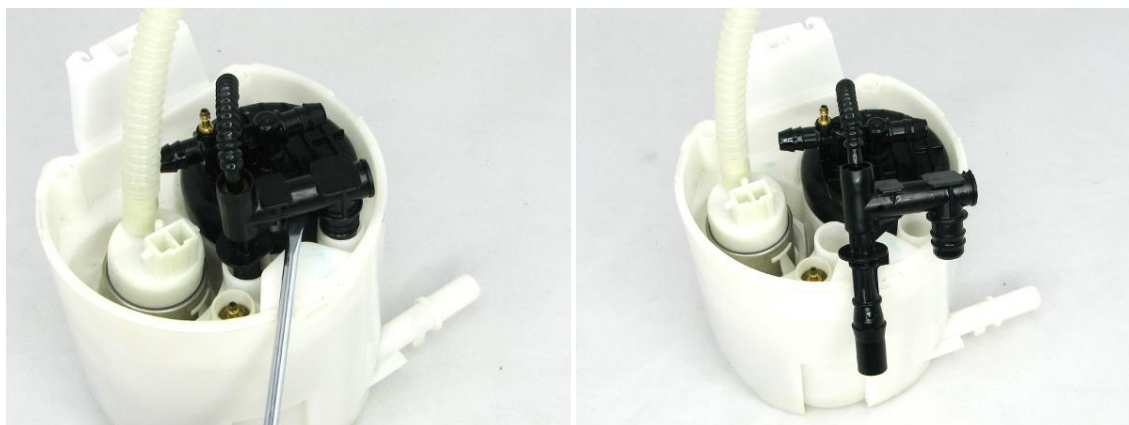


NOTE – the hat assembly does not need to be removed to complete this installation!

1 – remove the small 1/8" hose closest to the pump, it will likely need to be cut off. Use caution when cutting the hose to not cut the barb fitting

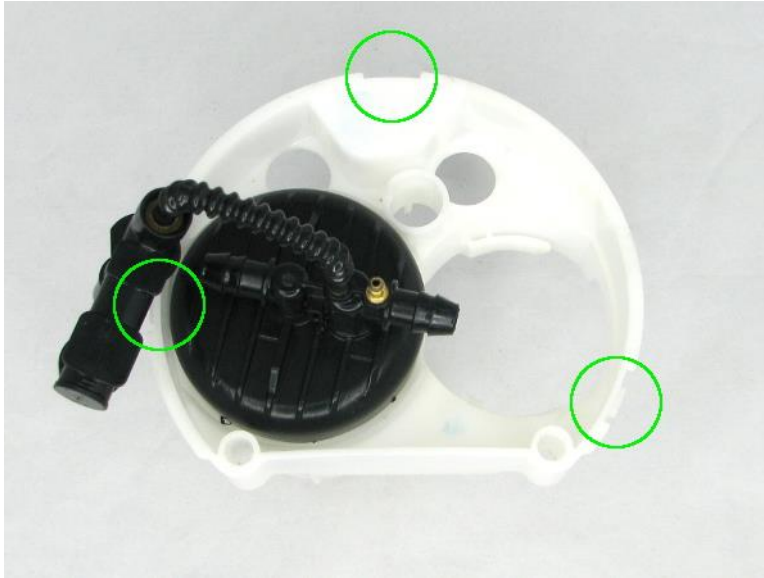


2 – remove the venturi manifold by prying up from the middle with a screwdriver or lever



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3 – remove the center section of the assembly by depressing the 3 tabs (circled in green) around the perimeter and pulling the center up and out of the bucket assembly



4 – carefully cut the pump holder out of the center assembly, be sure to leave some of the holder to give support for the DW400



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5 – install the DW400 with the fuel sock and 3/8" hose pre-installed. Install the 1/8" hose onto the inlet manifold of the center assembly. The 1/8" hose uses an 1/8" permanent style hose clamp. Use a pair of dykes or side-cutters to crimp the tang



6 – install the center assembly into the bucket assembly and push the venturi manifold into the bucket assembly. Install the other end of the 1/8" hose to the bucket assembly and crimp the tang



7 – install the electrical connector harness and secure the grounding lead by bending the spade



8 – reinstall the hat to the assembly in the center/buckets assemblies and connect the electrical connector harness to the hat assembly (not pictured)

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 – 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

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