

# 9-401-1052

## 92-06 BMW 3-Series DW400 Fuel Pump Installation Guide



### Parts List:

- DW400, 9-401
- Fuel Sock
- Flexible PTFE Tubing
- Hose Clamp
- Permanent Clamp (x2)
- 10" Electrical Connector

E36/E46 DW400 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.

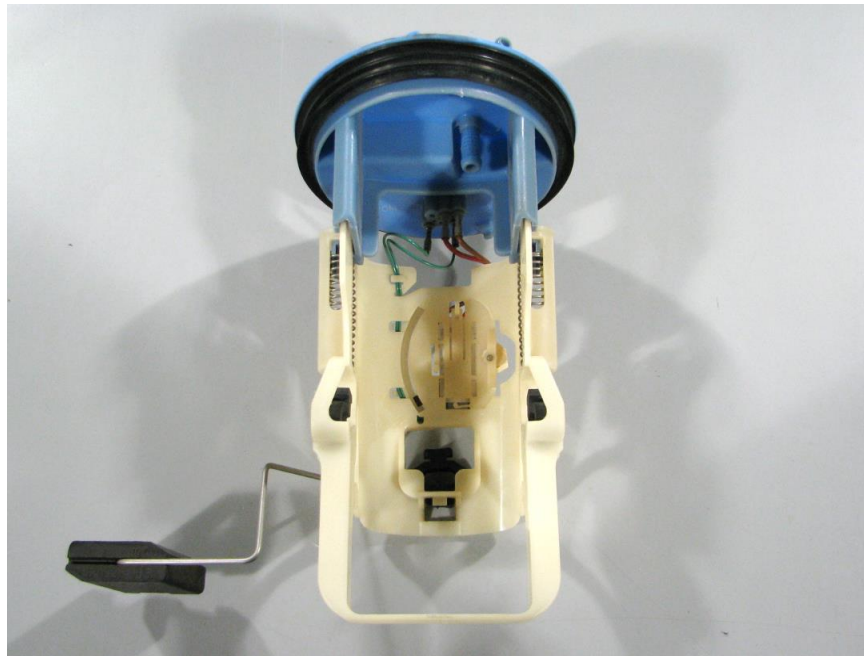
This kit uses PTFE tubing and permanent clamps. Heat from a heat gun, high temperature hair dryer, or boiling water may be used to soften the tubing ends to make installation onto the pump and assembly easier. **DO NOT USE AN OPEN FLAME!** The permanent clamps may be crimped with end cutters or side 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.



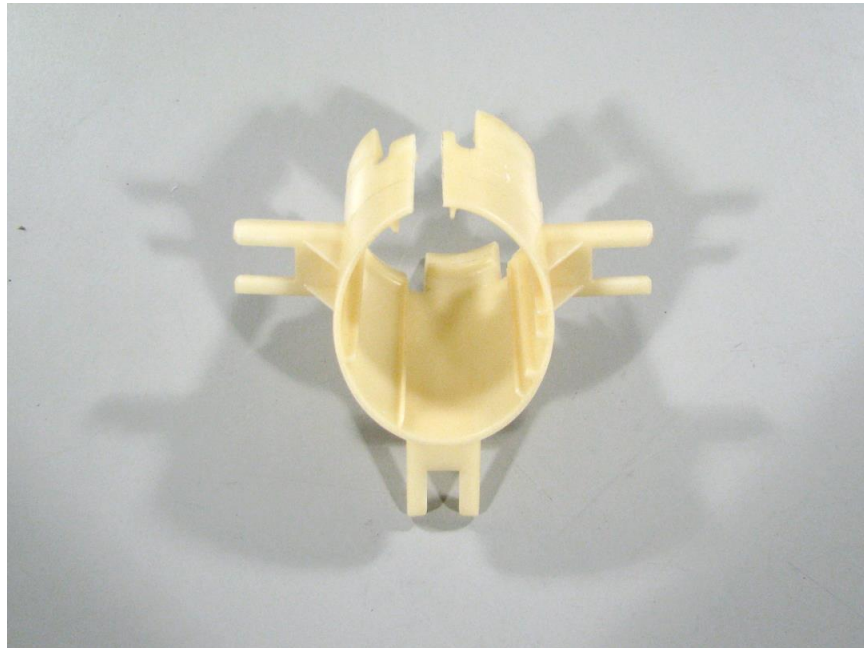
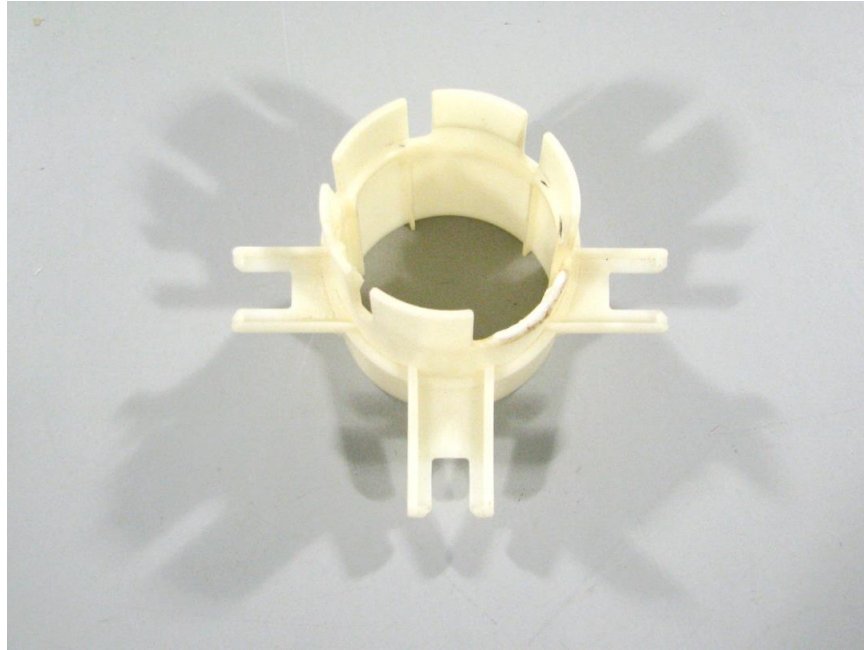
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1 – remove the OE fuel pump from the assembly by cutting the electrical connector leads (leaving enough room to wire-in the new connector) and cutting the OE plastic tubing from the assembly. Use caution to not gouge the assembly inlet



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2 – remove the OE pump from the pump holder using 2-3 flathead screwdrivers or picks. Cut a 1/8" piece out of the circumference of the pump holder

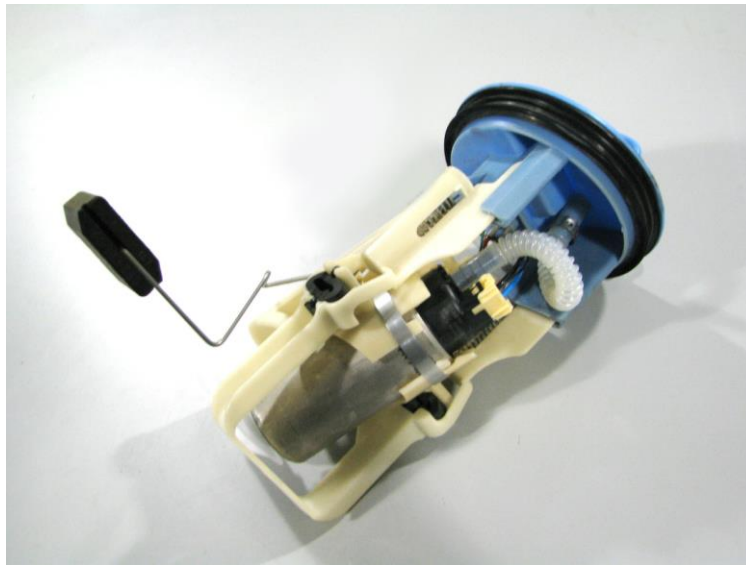


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3 – slide the DW400 into the cut fuel pump holder and secure the pump in place with the large hose clamp but do not fully tighten the clamp at this time. Install the supplied PTFE tubing onto the pump and secure with the permanent clamp



4 – wire in the supplied electrical connector (blue-to-red and black-to-brown, the additional smaller black lead can be removed) and push the PTFE hose onto the assembly inlet. Secure the pump in place using the OE rubber isolators



5 – adjust the height of the pump in the pump holder until the pre-filter is near the bottom of the assembly, and tighten the large hose clamp. Do Not Overtighten – pump damage can occur.

6 – 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

7 – 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

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