

9-401-1049

99-04 Ford Lightning and 02-3 Ford F150 Harley Davidson Edition DW400 Fuel Pump Installation Guide



Parts List:

- DW400, 9-401 (x2)
- 5/16" Fuel Hose (x2)
- 5/16" Hose Clamps (x4)
- 2 1/4" Hose Clamps (x2)
- Fuel Socks (x2)
- Electrical Connectors (x2)

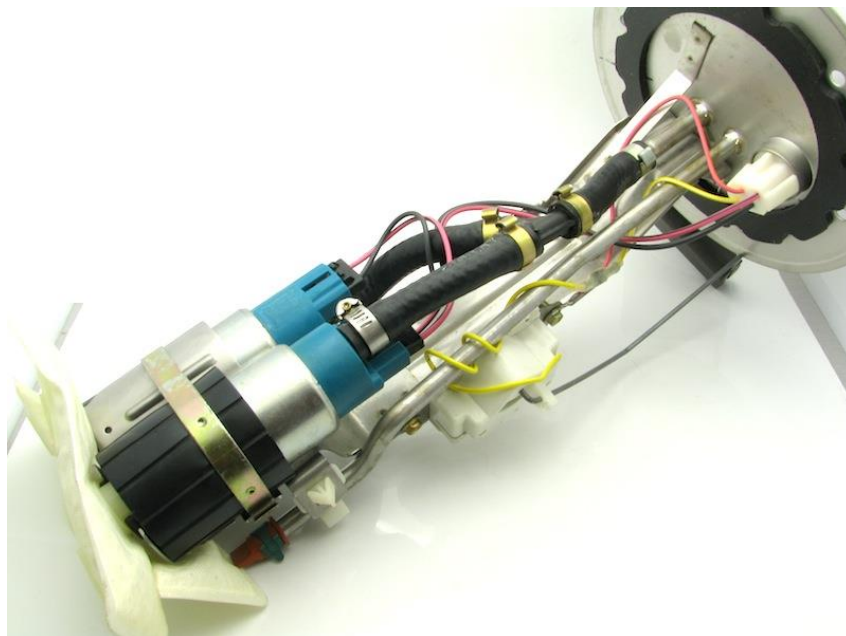
99-04 Ford Lightning DW400 Fuel Pump Installation Guide

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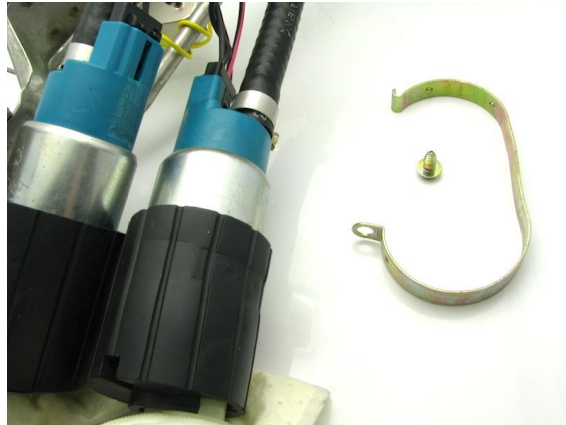
PLEASE READ – this guide is intended to aid in the installation of our products. It is recommended that factory manuals or instructions are followed to remove the fuel pump assembly from the vehicle. Some instructions in this guide are generic. The factory manual should supersede any contradiction. The 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 – the original assembly splits a single power and ground lead for both OE pumps. It is recommended that each pump is given a dedicated 12-14ga power and ground leads for each pump

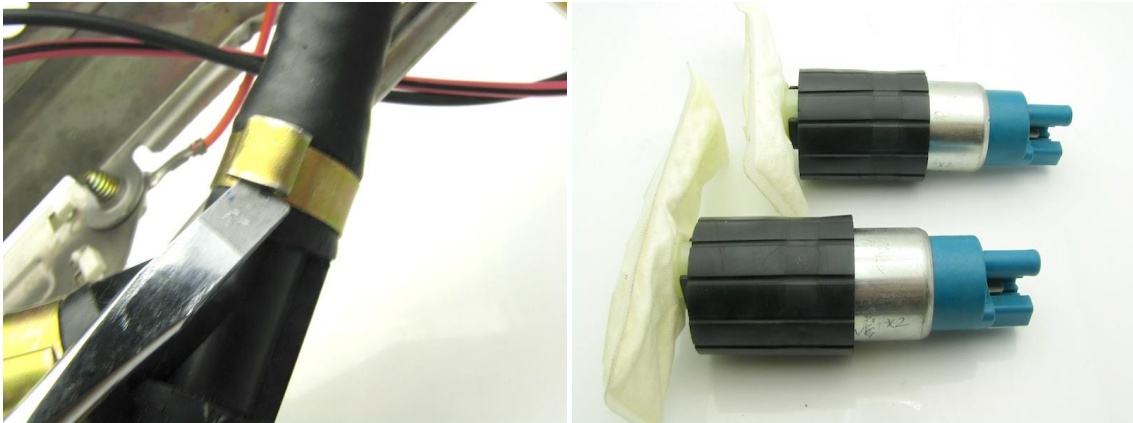
Below is a picture of suggested tools that will make the installation process easier



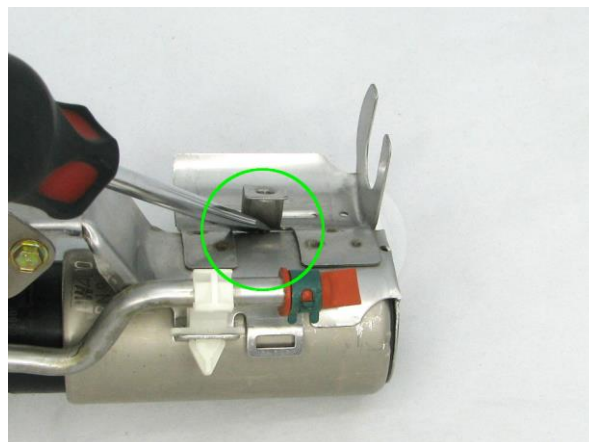
1 – remove the pump retaining strap



2 – loosen the OE hose clamps from both pumps and remove the pumps. Remove the upper hose clamps and remove the OE hose (it may need to be cut to remove, careful to not score the barbs underneath). Install the supplied DW hose, the longer hose goes on to the angled inlet

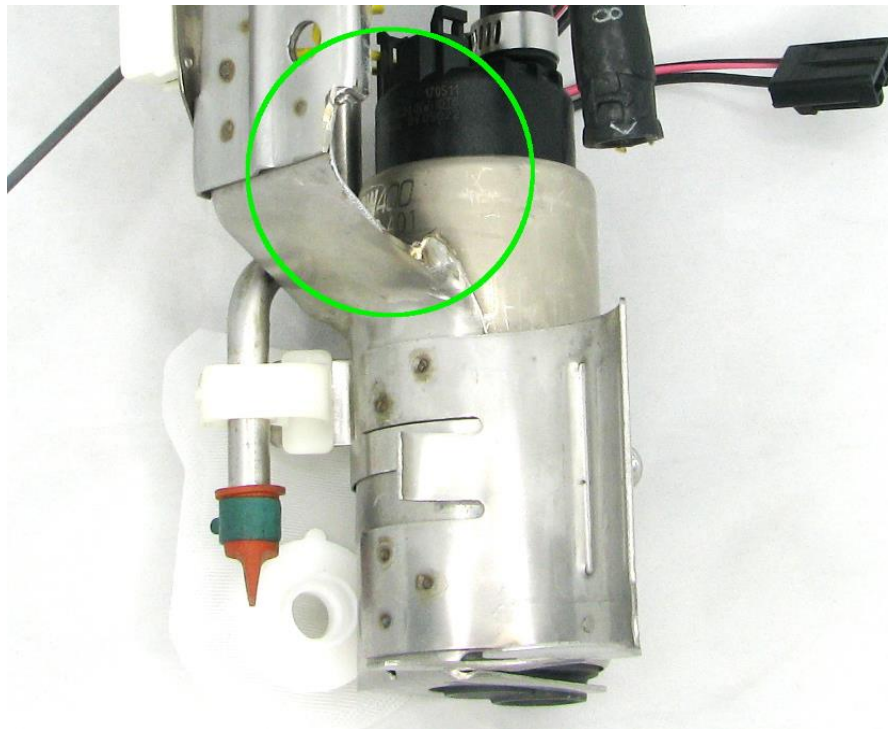
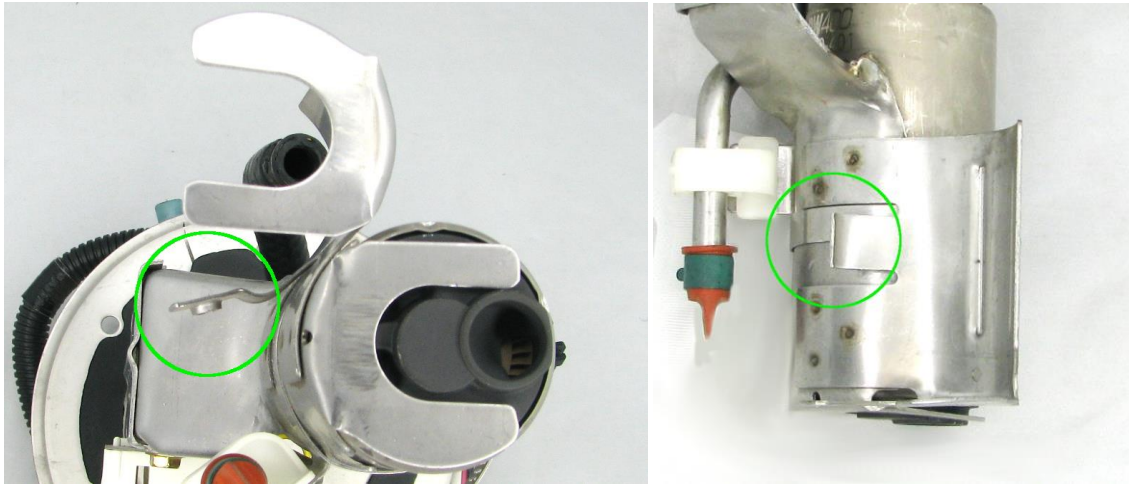


3 – use a flat head to gently pry this opening to allow clearance for the two (2) supplied DW 2 1/4" hose clamps



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4 – one of the supplied 2 1/4" hose clamps will ride on the original pump strap anchor. The DW400 can still be secured in place with the anchor intact, however, an optional step is to remove the anchor and trim the main assembly post to allow the second DW400 to sit square



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5 – install the supplied DW 2 1/4" hose clamps into opening from step 3 and install both DW400 pumps. Cut the hoses to the appropriate length and install on the DW400. Tighten the clamps to secure the DW400s and the attached hoses in-place



6 – install the fuel socks onto the bottoms of the DW400s



7 – the original assembly splits single power and ground leads for both OE pumps. It is recommended that each pump is given a dedicated 12-14ga power and ground leads for each pump. Plug in the supplied DW electrical connectors



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