

# 9-654-1025, 9-655-1025, 9-354-1025 and 9-355-1025 Audi/VW FWD and AWD DW65v and DW340v Fuel Pump Installation Guide



## Parts List:

- DW65v or DW340v Pump
- 6" PTFE Fuel Tubing
- Permanent Hose Clamps (x3)
- O-rings (x3)
- Super Lube

## VW/AUDI 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>

The smaller permanent hose clamp is to be used in AWD models only.

**\*\*The DW340v draws a larger amount of amperage over the DW65v and the factory pump. We recommend using a Hardwire Kit to safely supply voltage to the DW340v pump (DeatschWerks PN: FPHWK). This bypasses the factory FPCM which may require some applications to be converted to a return style fuel system.**

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





1 – Unplug the electrical connectors, both connectors have tabs that need to be pushed in as the connector is pulled up



2 – Remove the screws that attach the top of the assembly to the bucket, these can be either a 7mm hex or T20 Torx



3 – Pry the head of the clamp loose enough to pull the hose away from the pump and upper assembly; the hose may need to be cut for removal



4 – Removed the bucket cap by lifting the four tabs around the top (circled in green), the pump will come out with the cap with a gentle pull

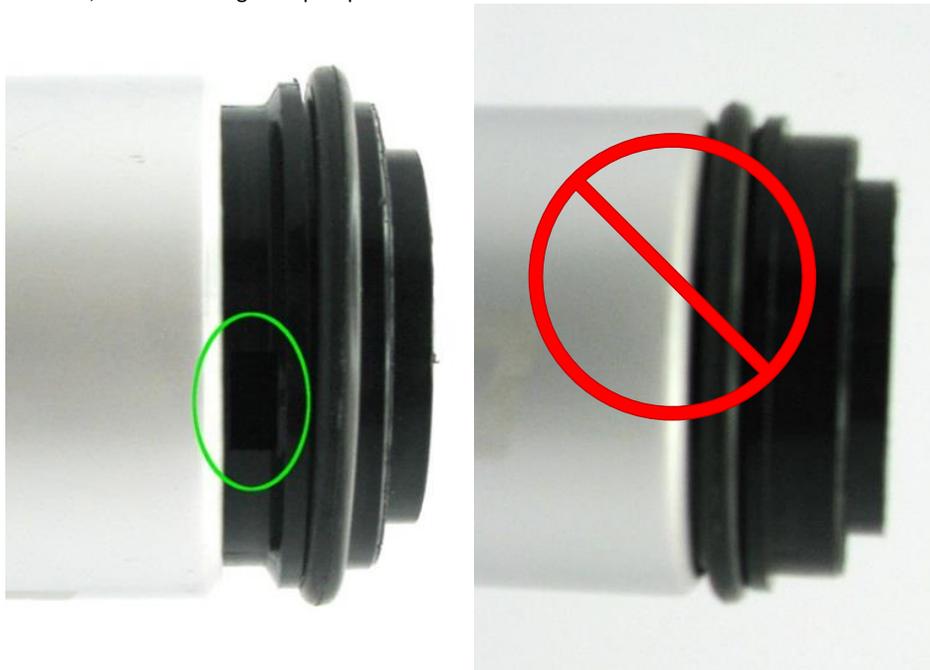


5 – Install the three supplied O-rings on the pump, use a generous amount of Super Lube for smooth installation



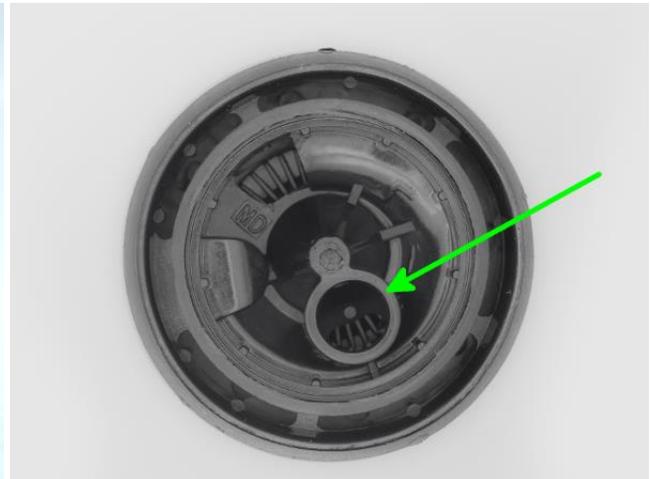
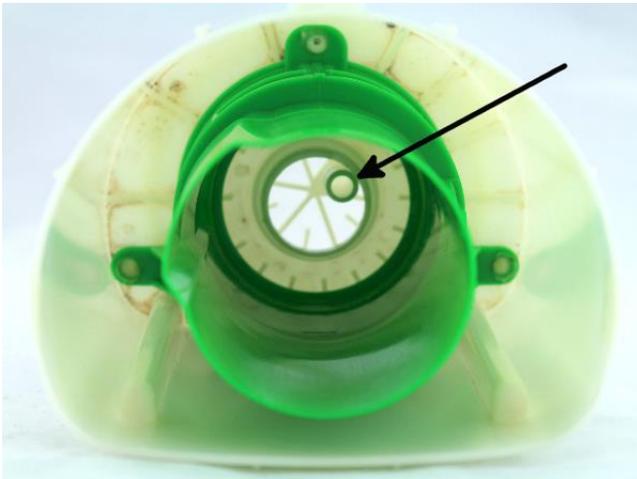
5a – The proper location for the larger lower O-ring is below the lip and leaves the rectangular port on the cap exposed (circled in green)

**Note:** Placing the larger lower O-ring in the groove, blocks the port and prevents the assembly from scavenging the outside fuel. This will cause the pump to starve, the engine to stall, and will damage the pump.



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6 – Install the pump into the assembly and replace the bucket cap, the small circle inside the bottom of the pump needs to be aligned with the matching circle in the bucket (black and green arrows)



7 – Install the new fuel hose supplied on the pump and then install it to the top of the assembly.



8 – Reinstall the top and connect the wires to the pump



9 – AWD models will connect the factory venturi/siphon tube to the small outlet barb on the top of the fuel pump.

10 – 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

11 – 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

12 – Attach supply line to the outlet of the pump assembly

For additional technical support please contact us at: [TechSupport@Deatschwerks.com](mailto:TechSupport@Deatschwerks.com) or 405.233.3991