



INSTALLATION INSTRUCTIONS

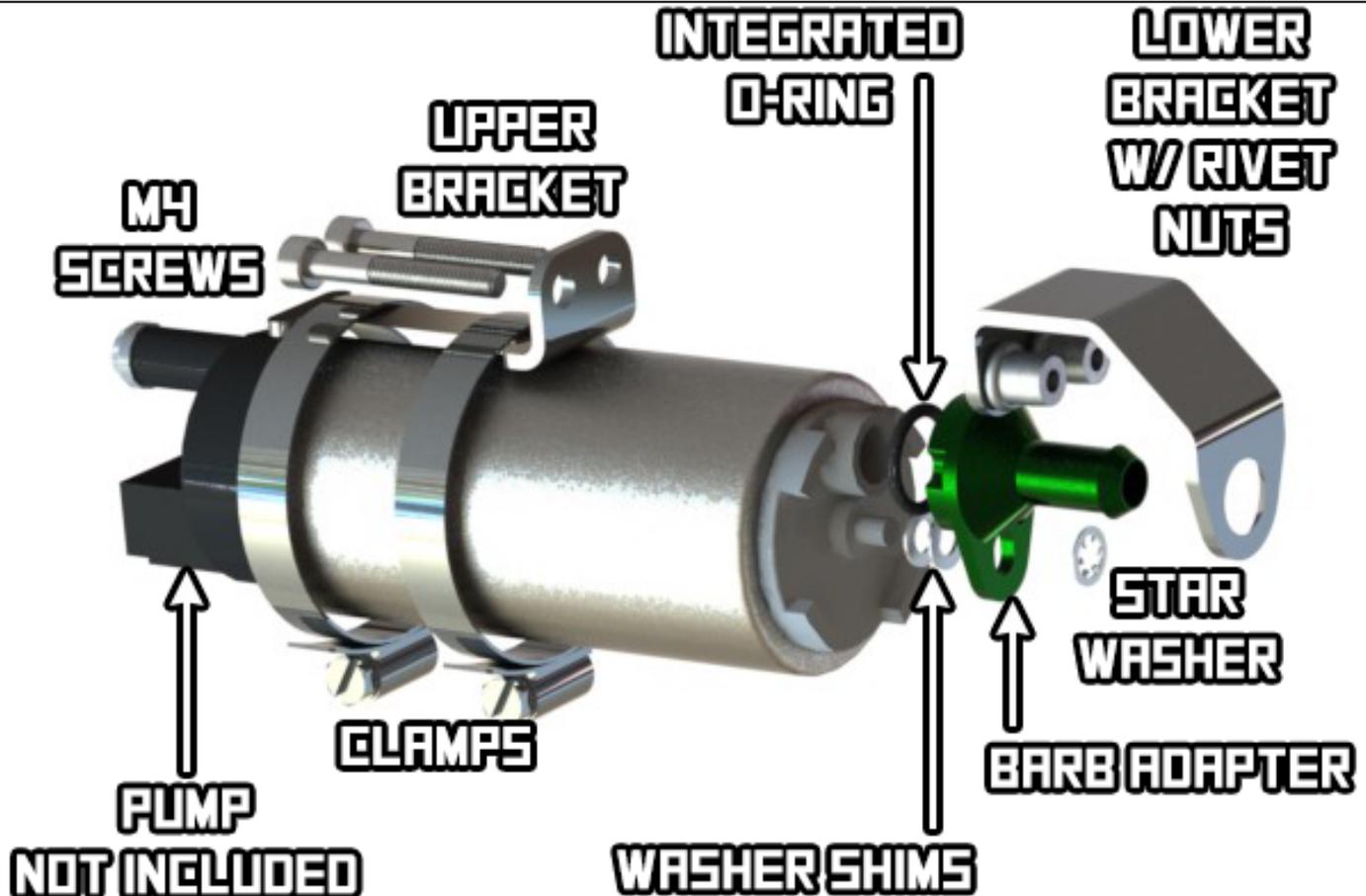
20-0145 FUEL PUMP INLET ADAPTER

20-0154 FUEL TANK PICKUP KIT

SUPPORT: INFO@RADIUMAUTO.COM

DOCUMENT 19-0080

WARNING: DO NOT SMOKE OR WORK WITH OPEN SPARKS WHILE OPERATING ON THE FUEL SYSTEM



ASSEMBLY: 20-0145 FUEL PUMP INLET ADAPTER

First, confirm there is an O-ring installed in the barb adapter.

Next, **lightly lubricate the O-ring with engine oil**. Temporarily insert the barb adapter onto the pump inlet. Inspect the gap between the barb adapter mounting tab and the center base of the fuel pump. Reinstall with the necessary amount of washer shims (if needed) to square up the barb adapter to the fuel pump. There are scenarios where 0, 1, or 2 washer shims are required depending on the fuel pump brand.

Using a small socket such as 3/16" or 5mm, push the star washer onto the fuel pump nipple until it grips into the plastic and locks in place.

Next, line up and place the upper bracket onto the pump and simultaneously secure it in place with the included large clamps. Loop the lower bracket over the barb adapter's nipple. Cautiously torque the M4 screws just enough so the barb adapter to dislodge from the fuel pump inlet. If necessary, loosen the clamps and adjust the upper bracket.



ASSEMBLY: 20-0154 FUEL TANK PICKUP KIT

This kit is used when the pump will be mounted inside a fuel tank or fuel cell.

If not done already, screw the plastic barb adapter into the mesh fuel filter.

The white corrugated tubing (shown above) is great to use when the fuel pickup needs to be placed in a strategic location. Note: The corrugated tubing was not designed to be cut.

Alternatively, the rigid tube can be used if the tank is relatively shallow. Measure and cut the rigid tubing to length to “sandwich” the mesh filter to the bottom of the fuel tank.

Secure either tubing mentioned above to each opposing barb using the included small clamps.