

INSTALLATION INSTRUCTIONS

Power Isolator – Part Number 14007

Congratulations on your purchase of this kit. The addition of this kit will enable you to power an in-tank pump without leakage or shorts.

Parts Included in this Kit

1-Stainless steel bolt	2- Small Crimp Rings	2-Stainless Steel Washers
2-Flat insulating Washers	1-Small O-ring	1-Stainless Steel Lock Nut
1-Brass Nut		

Preparation

Locate a good place for the isolator. Typically it is located on the sending unit flange close to the fuel level sending unit output post. You will need to find an area far enough away from objects which could short to one of the crimp rings or wire. Ideally you need to locate a position at least 5/8" away from anything metal.

Installation

Once your ideal position is located, center-punch the location and drill a 5/16" hole. Clean up and de-burr the edges if necessary with a file. You don't want any sharp edges to cut the O-ring or washers. Crimp one ring terminal to the wire going to the pump. Using Figure 1 as a guide, assemble bolt, ring terminal, stainless steel washer, insulating washer, O-ring. Install assembly through your 5/16" hole. Next add the second insulating washer, stainless steel washer and locking nut. Snug up the assembly with an appropriate allen wrench and box-end wrench. Using an Ohm Meter or continuity tester, verify there are no shorts to any other parts (don't connect your wire to the fuel pump motor yet because the motor windings may appear as a short circuit). Obviously, if you find a short, you will need to fix it before going further. You can now wire up the pump and install the assembly in the tank. Once the unit is in the tank, crimp the second ring terminal to your power source wire and install over the remaining threads of the stainless bolt. Use the brass nut to secure the crimp ring to the bolt.

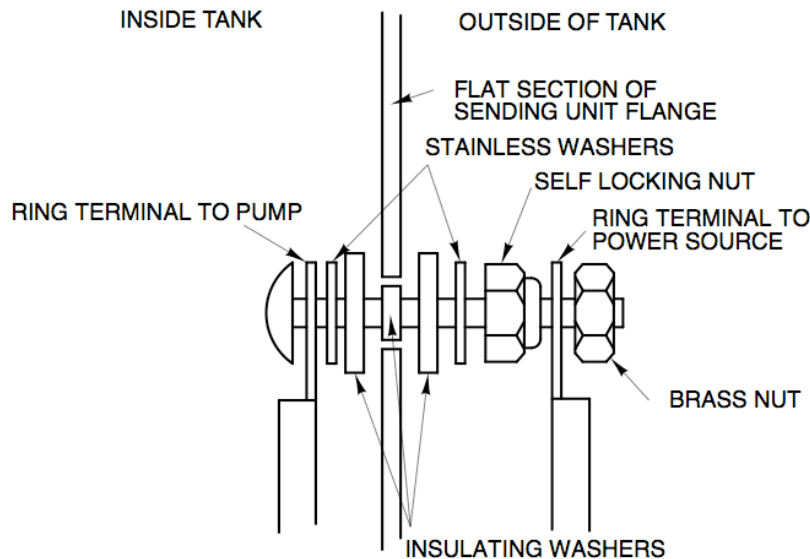


Figure 1

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