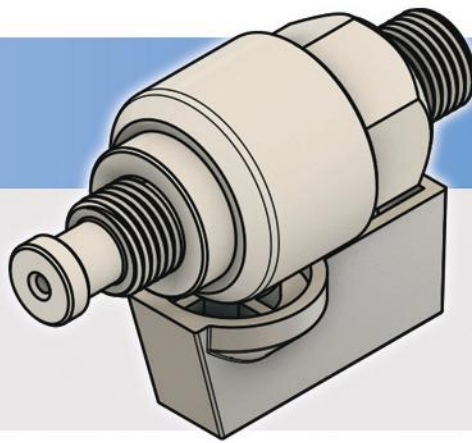


Tools required:



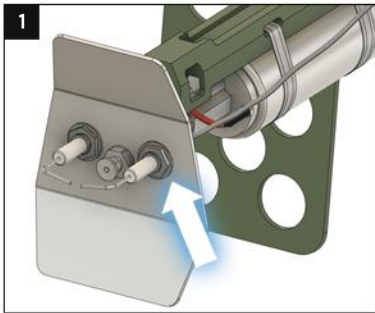
*May be required for certain configurations.



If you have any questions regarding this installation process, contact us at info@exothermic.tech and we'll be glad to assist.



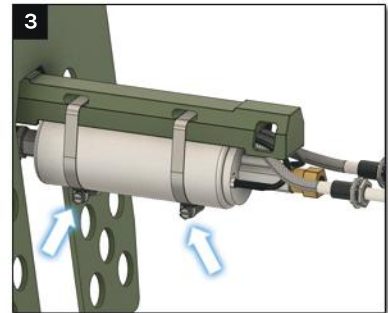
DISCONNECT BATTERY. DISCHARGE ANY LEFTOVER ELECTRIC CHARGE BY SHORTING THE ELECTRODES WITH A SCREWDRIVER WHILE HOLDING THE INSULATED HANDLE.



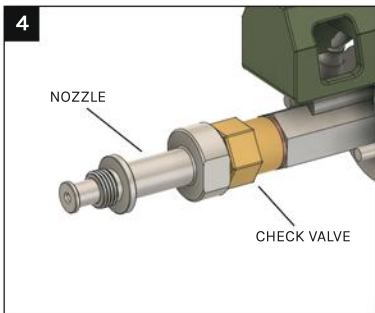
Remove one electrode from the nozzle shield by unscrewing the nut(s) securing it. This will allow easier access for the next step.



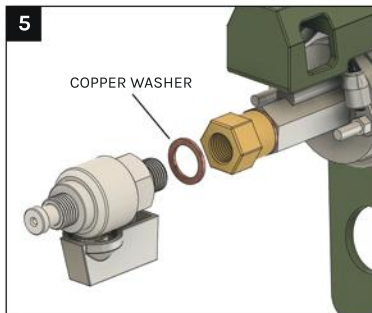
Remove the nut holding the nozzle shield to the nozzle, and move the nozzle shield and electrodes out of the way.



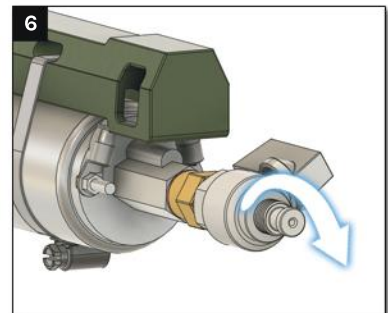
If your electrode wires are tucked, you may need to loosen the clamps holding the fuel pump to make moving things easier. When reinstalling, be sure not to pinch any wires!



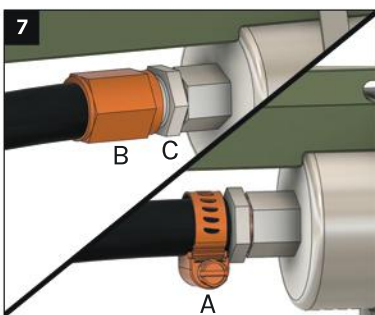
Use a 14 mm wrench to hold the brass check valve in place while using an adjustable wrench to loosen and remove the old nozzle.



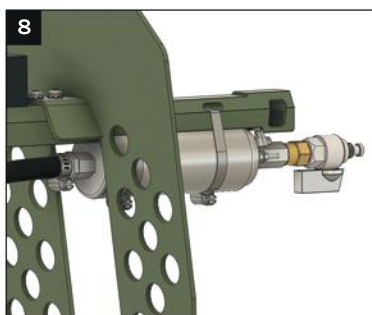
Hand thread the new nozzle into place. Use the 14 mm wrench to keep the check valve from turning while using the adjustable wrench to tighten the nozzle to 80 in-lb.



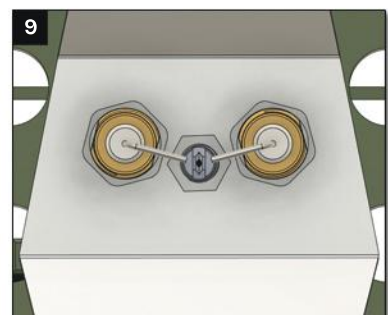
If the nozzle's valve lever is not already positioned on the bottom, we must rotate the pump assembly until it is. Loosen the clamps holding the fuel pump as shown in Step 3.



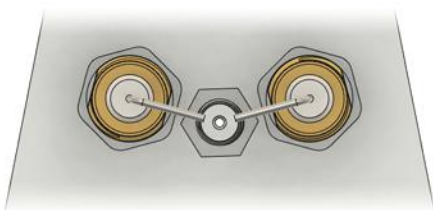
Depending on the type of hose assembly installed, either loosen the hose clamp (A), or loosen the hose end fitting (B) while holding the fuel pump fitting (C) with a 16 mm wrench.



Rotate the pump assembly as necessary and re-tighten all clamps and/or fittings. Fitting (B), if present, must be tightened to 15 ft-lb (180 in-lb), but the pump fitting (C) must be held with a wrench to prevent it from turning.



Reinstall the nozzle shield to the new nozzle, and route and install the electrodes. If using a fan type nozzle, be sure the spray is aligned to emit between the electrodes.



Aligning the electrodes as shown will typically yield the best reliability.

Loosen the nuts first to make as much adjustment as possible. Only bend the metal wire if absolutely necessary, as excessive rotational force can break it free of the adhesive holding it in place inside the ceramic insulator.