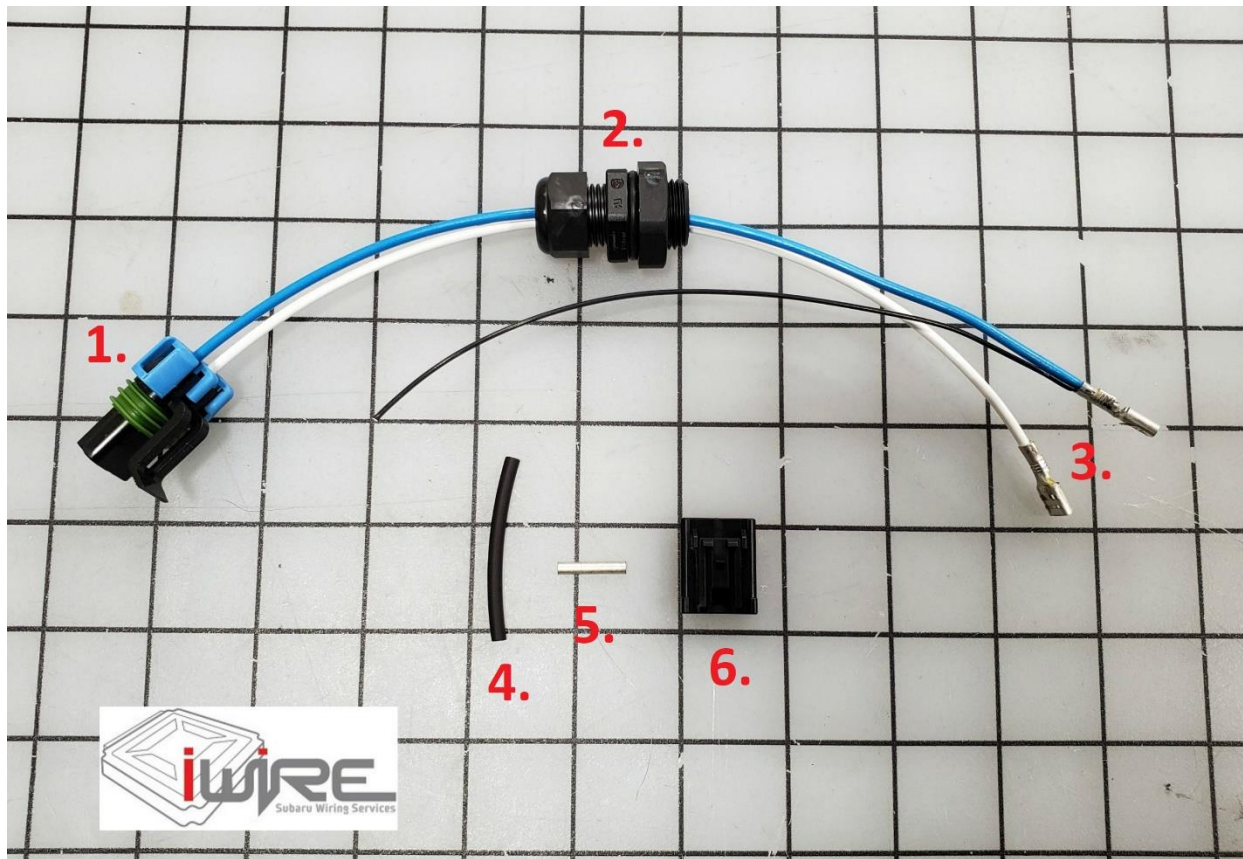


08+ Fuel Tank Bypass V2 Guide for iWire FPC Hardwire Kit

This guide describes how to install the Bypass Connector if you added it on to your iWire Fuel Pump Controller Hardwire Kit. Please note, not all kits will have this connector. If you are unsure if you need this connector, please contact us.

In the Bypass Connector Kit there will be a connector that will match the fuel pump specified at the time of purchase. This guide uses the standard AEM/OEM/Visconti Modified type. For many pumps (Walbro or DW) both ends of this kit will utilize the same connector.

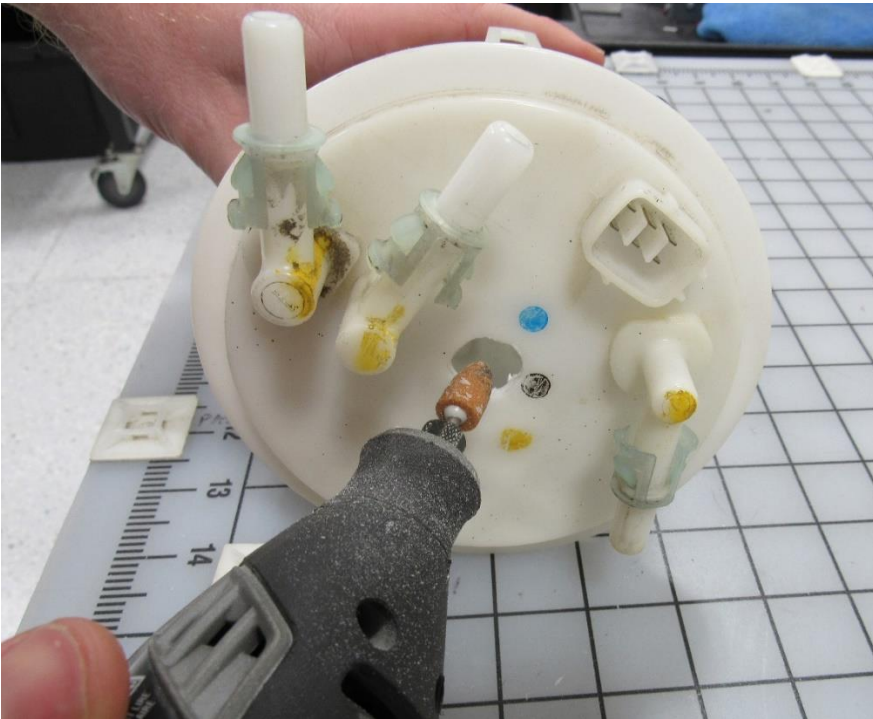
Bypass Connector Kit



1. Plug to iWire FPC Hardwire Kit
2. Bypass Connector
3. Terminals for Fuel Pump Plug (Item 6) - This plug may look different based on pump type you are using.
4. Shrink Tube
5. Bullet Connector Crimp
6. Fuel Pump Plug

08+ Fuel Tank Bypass V2 Guide for iWire FPC Hardwire Kit

First use a Dremel to open a hole in the center of the assembly just large enough to fit the connector.

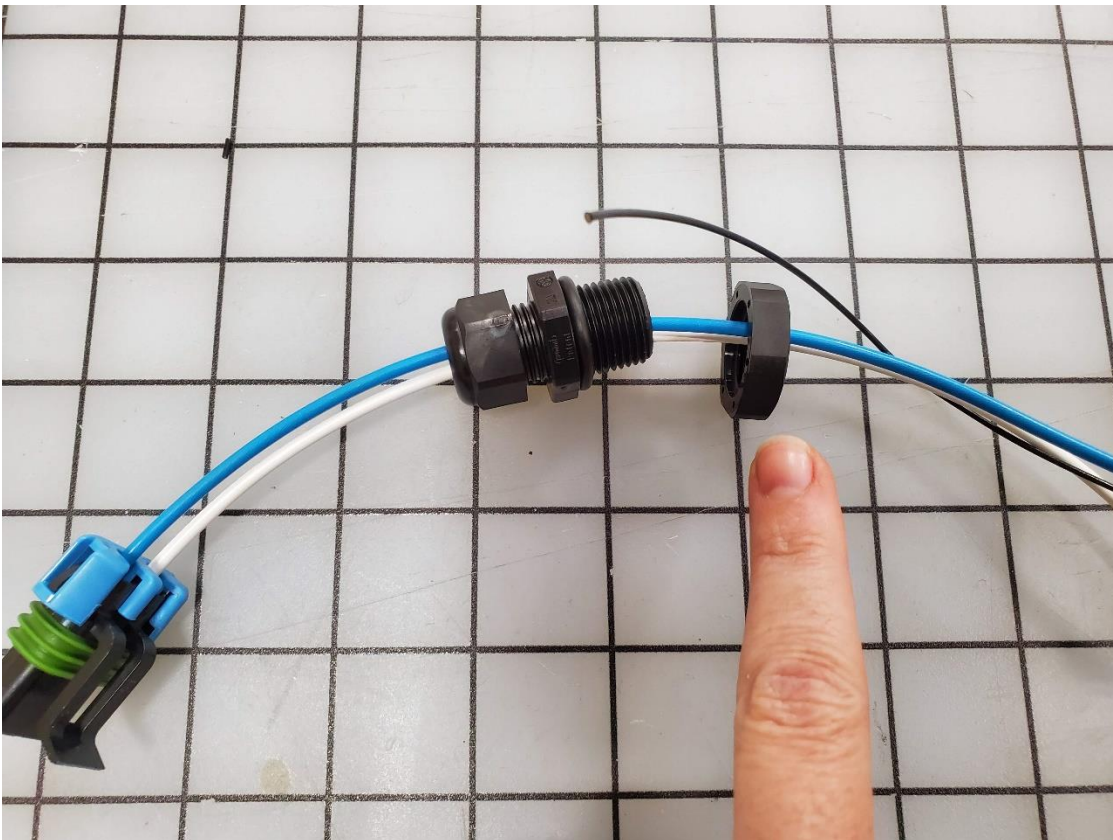
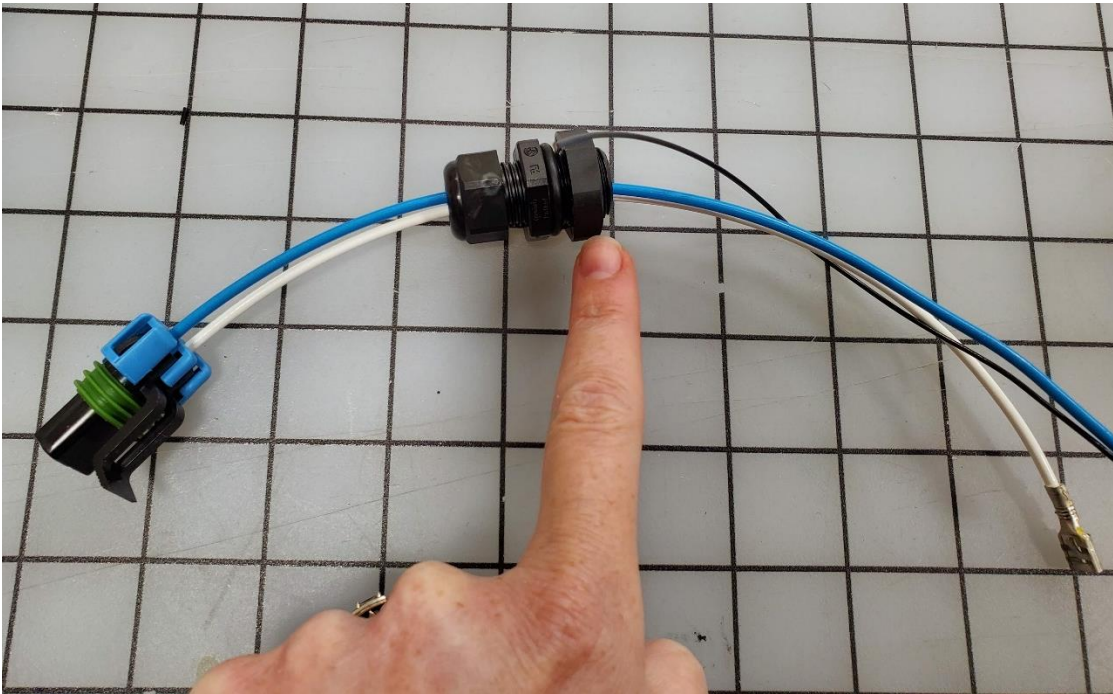


Use the Dremel to remove the cross patterns or ribs near the hole so the lock will fit securely on the connector (item 2 in kit). If you do not remove these, the lock will not thread onto the connector properly.



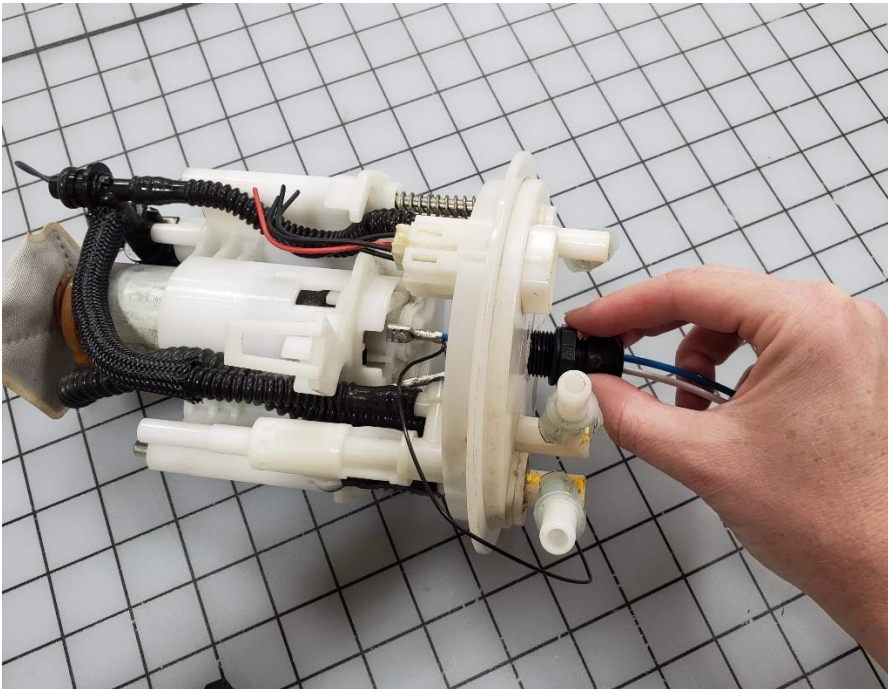
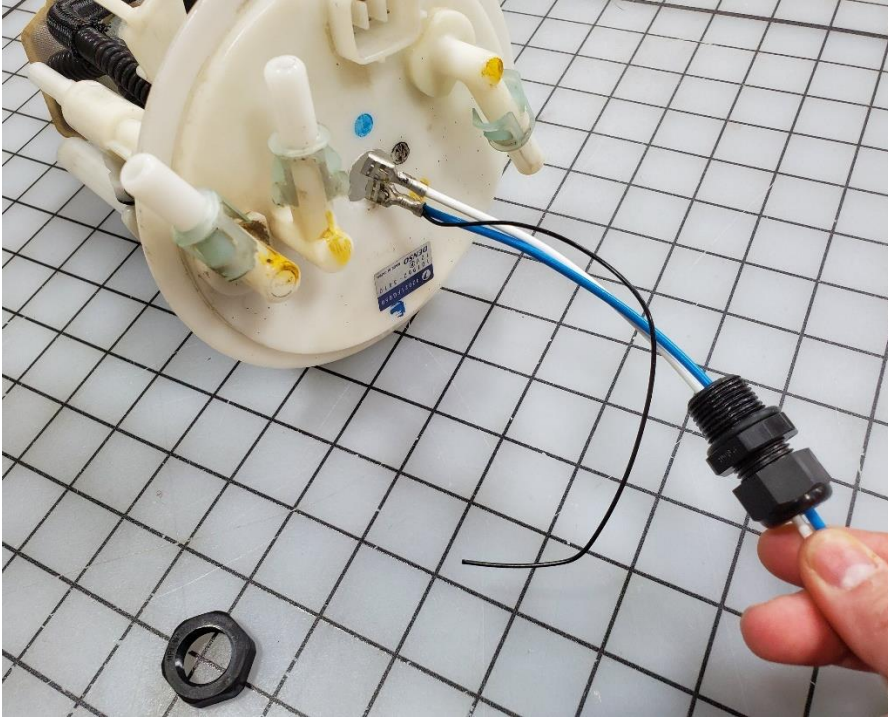
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Remove the lock from the bypass connector.



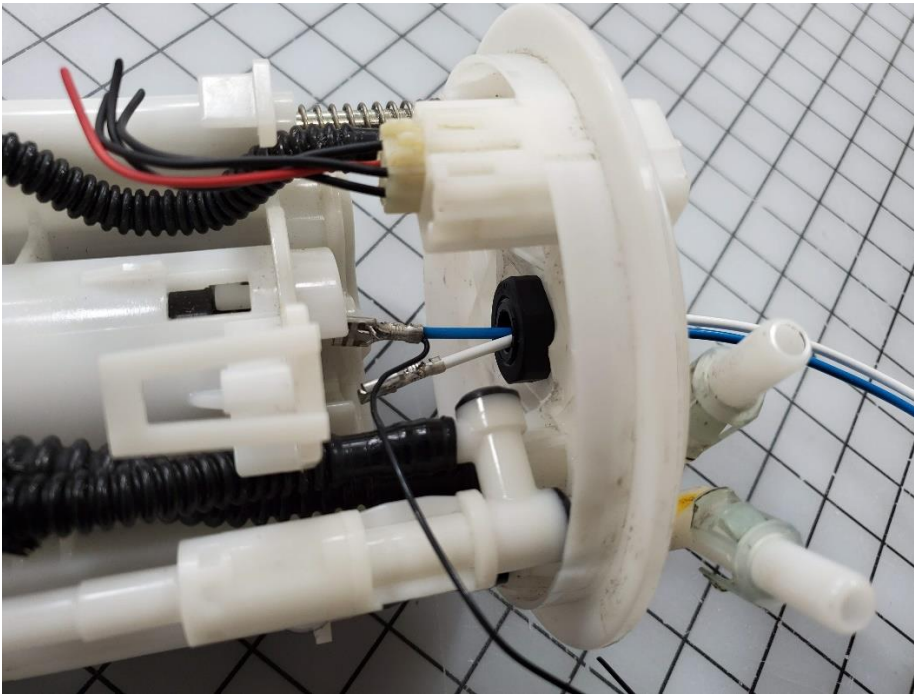
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Insert connector into fuel pump assembly. Note our wiring skills are better than our Dremel skills. 😊

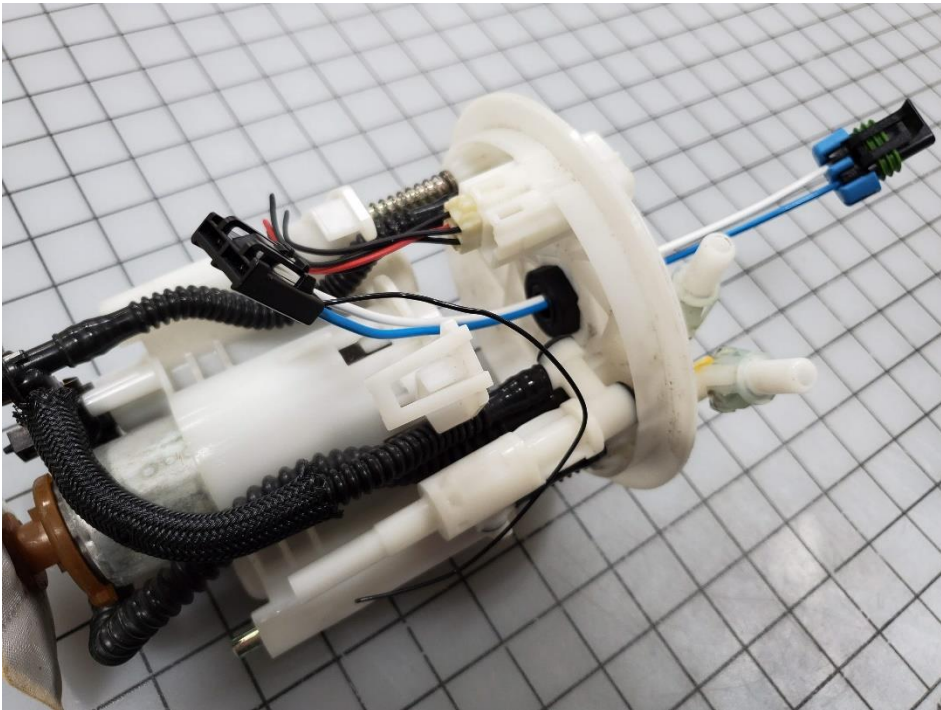


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Thread lock onto connector threads and tighten. Do not overtighten!

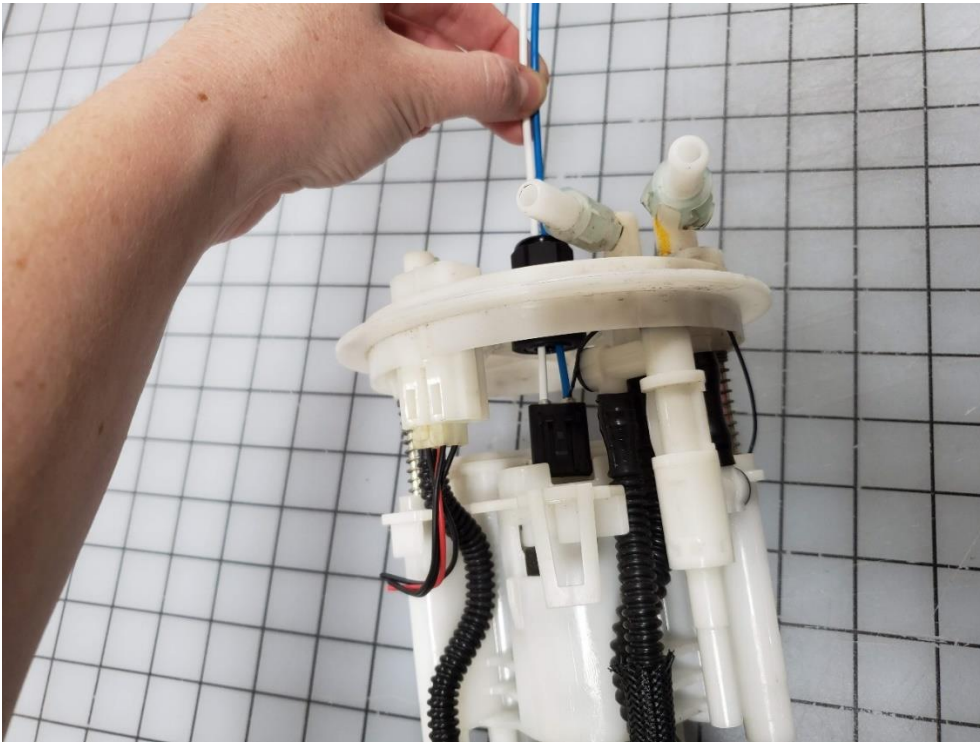


Insert terminals (Item 3) into fuel pump plug (Item 6). The terminal order will depend on your pump setup. In our pictures below it is an AEM 340 LPH pump setup. You will want to hook up the Blue wire (ground) and the White wire (power) based on your pump's instructions.

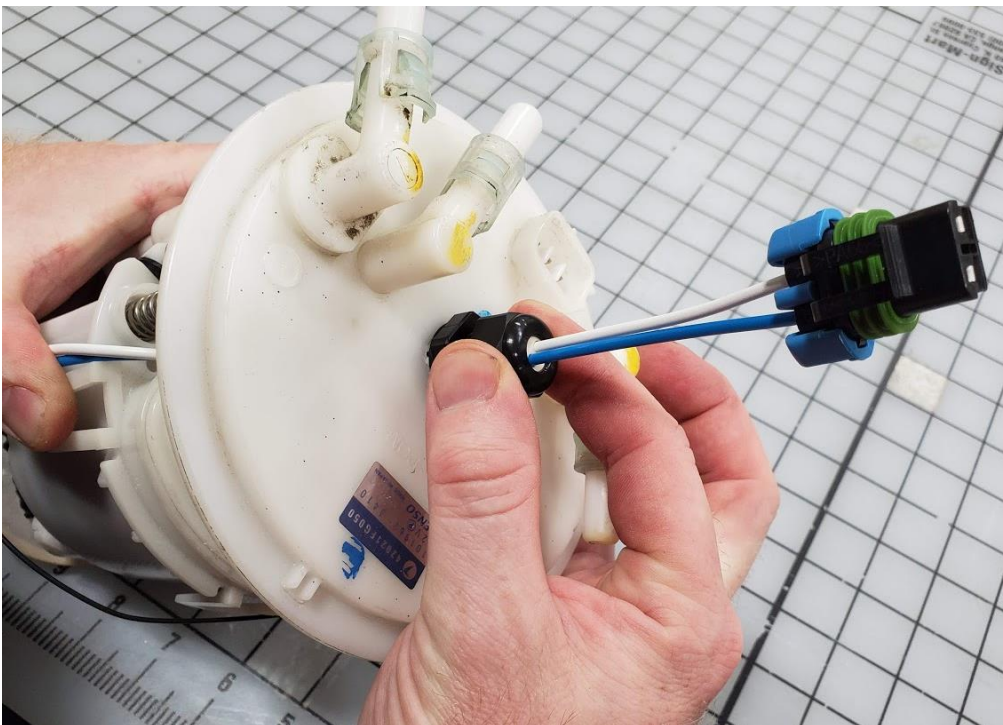


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Plug in lower connector to the fuel pump.

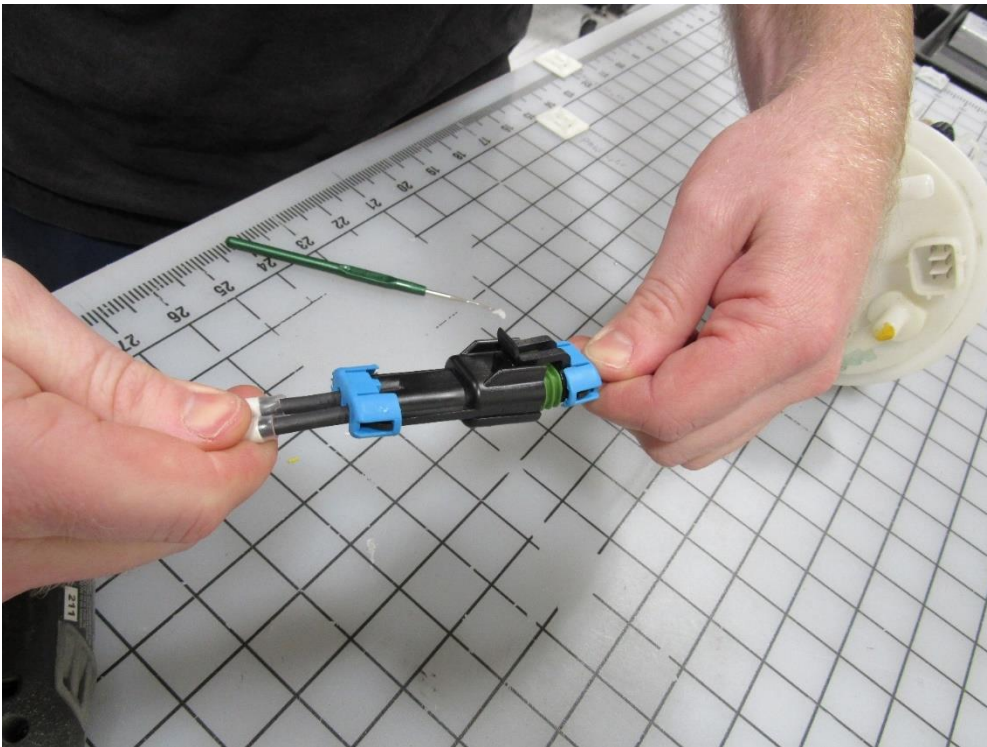
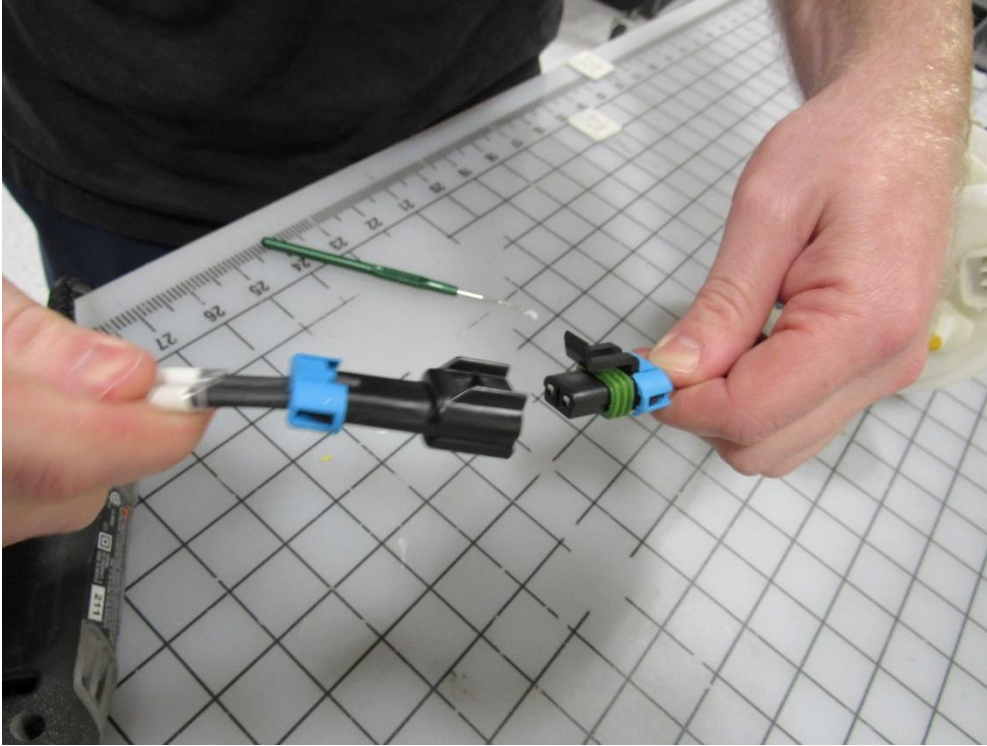


Tighten top nut of bypass connector to keep wires in place and seal off the fuel from leaking out. The wires should not move when tightened correctly. (Wait to complete this step if you need to wire the ground strap. See below)



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Plug into main harness for the iWire Fuel Pump Hardwire Kit.



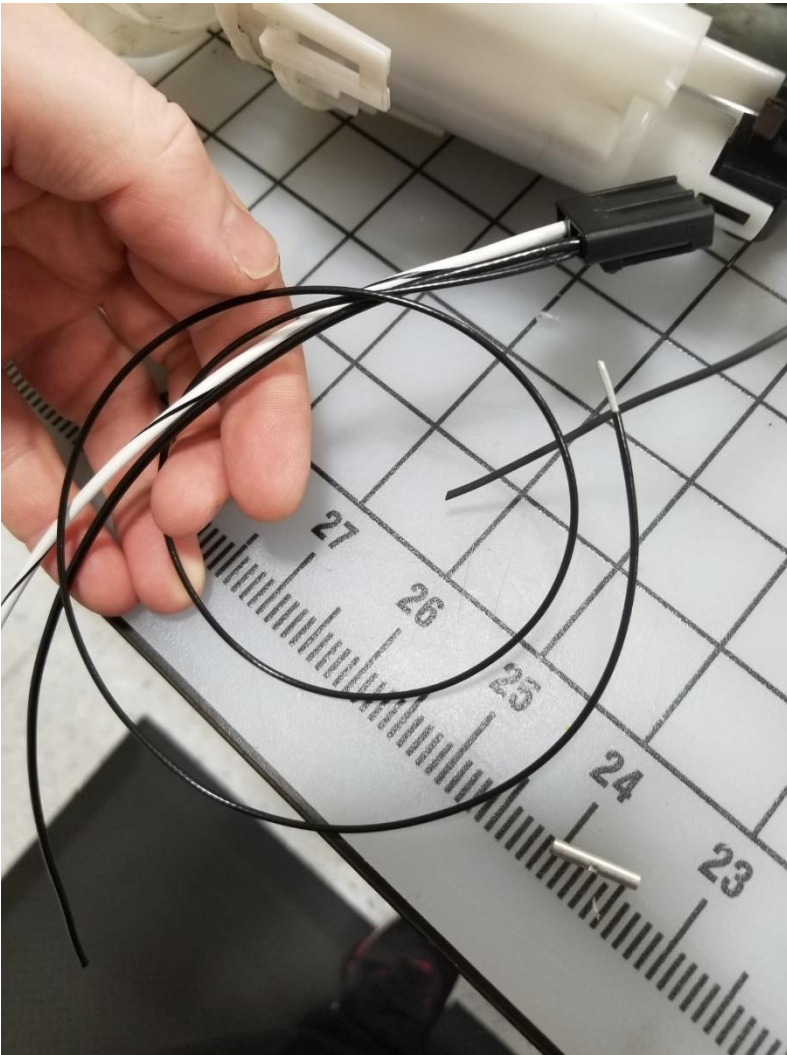
08+ Fuel Tank Bypass V2 Guide for iWire FPC Hardwire Kit

Your bypass connector install is complete. If you have an added ground strap on the factory tank housing, follow these steps.



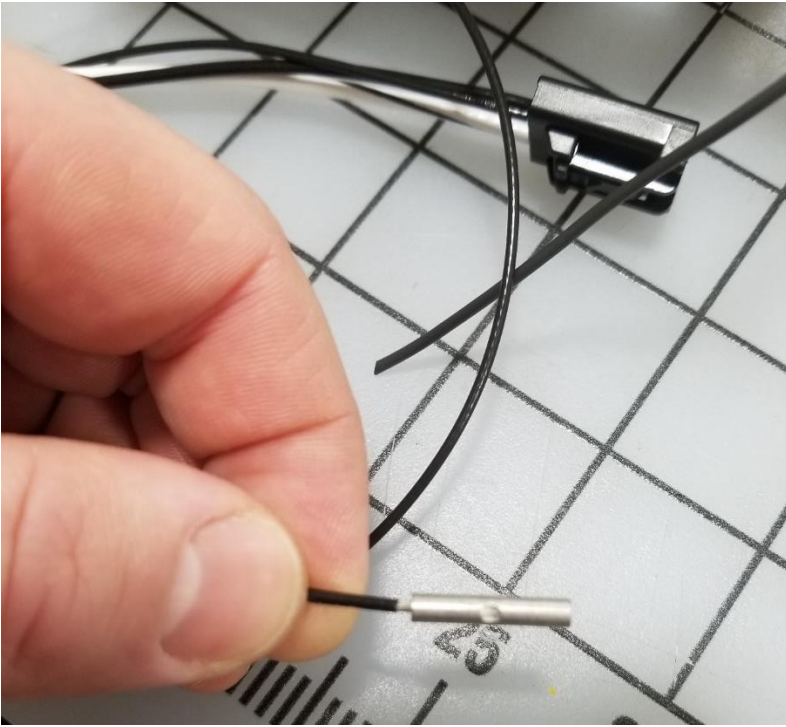
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There will be a split off the stock connector that will connect to the original ground strap on the OEM housing.



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Cut the wire to the necessary length, strip, and place crimp on exposed wire and crimp down.



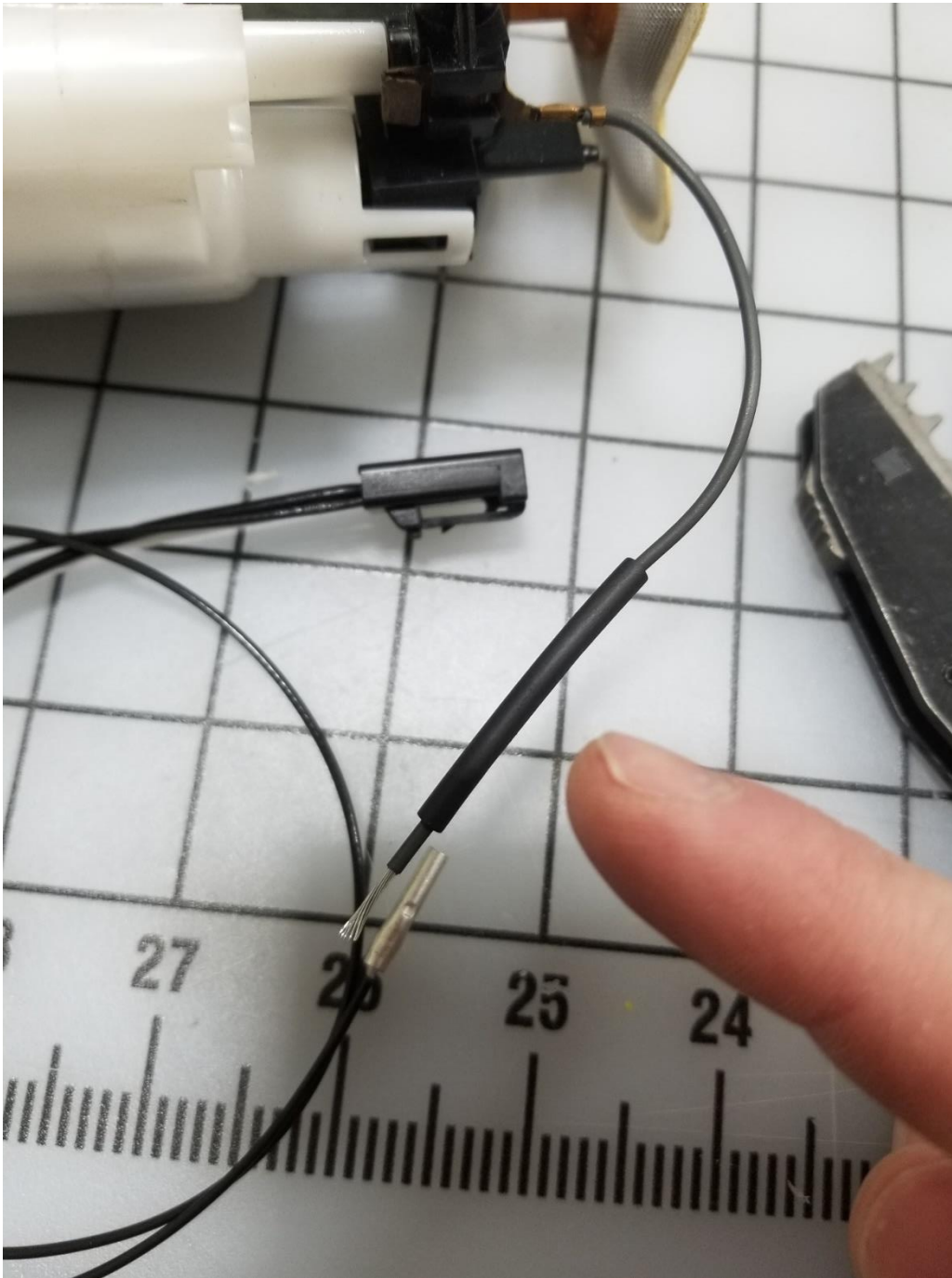
08+ Fuel Tank Bypass V2 Guide for iWire FPC Hardwire Kit

Cut the stock wire that went to the original connector.



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Slide shrink tube over exposed end.



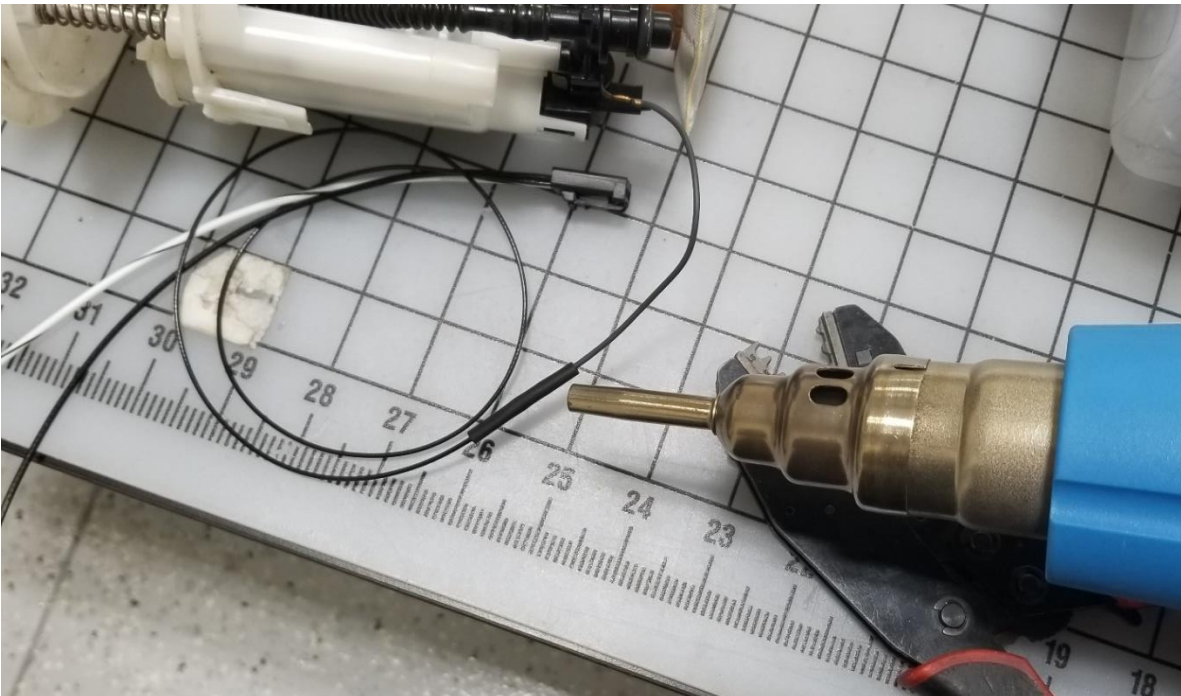
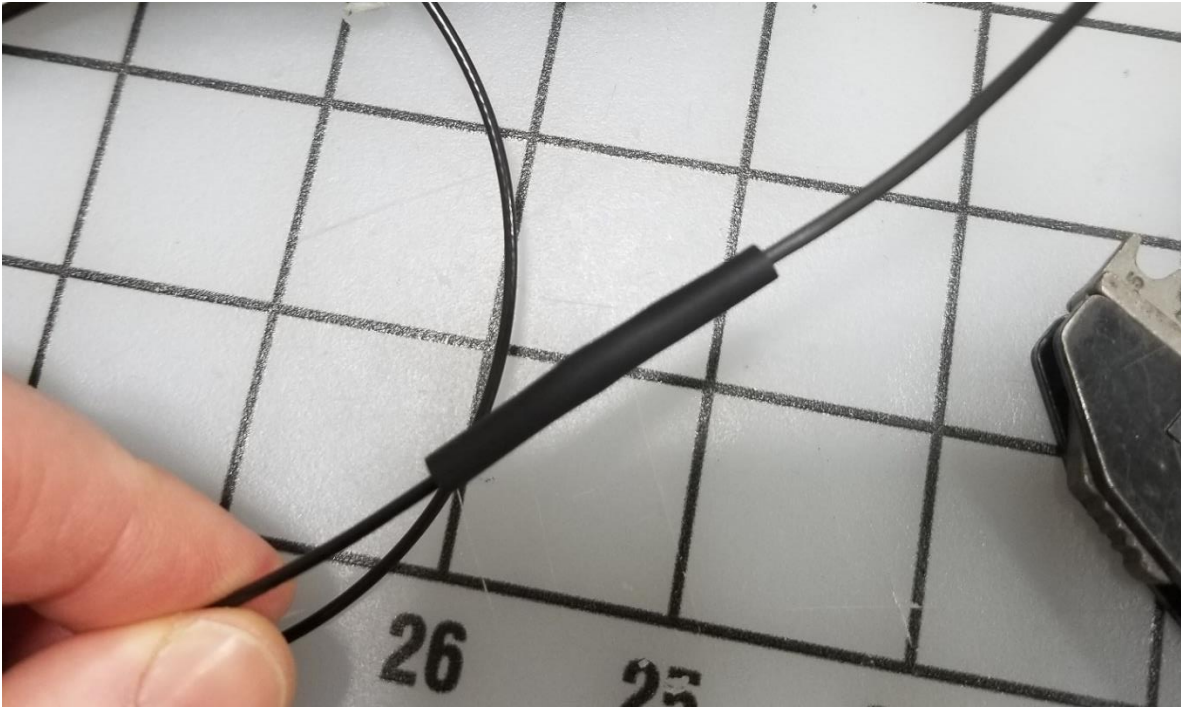
08+ Fuel Tank Bypass V2 Guide for iWire FPC Hardwire Kit

Place crimp on exposed wire and crimp down.



08+ Fuel Tank Bypass V2 Guide for iWire FPC Hardwire Kit

Slide shrink tube over and heat.



Congratulation, you have installed your bypass connector into your fuel pump assembly. Please return to the main Fuel Pump Controller Hardwire Kit install guide to finish your install. If you have any questions, please feel free to contact us.