



Hybrid Racing High-Flow Fuel Pump 06-11

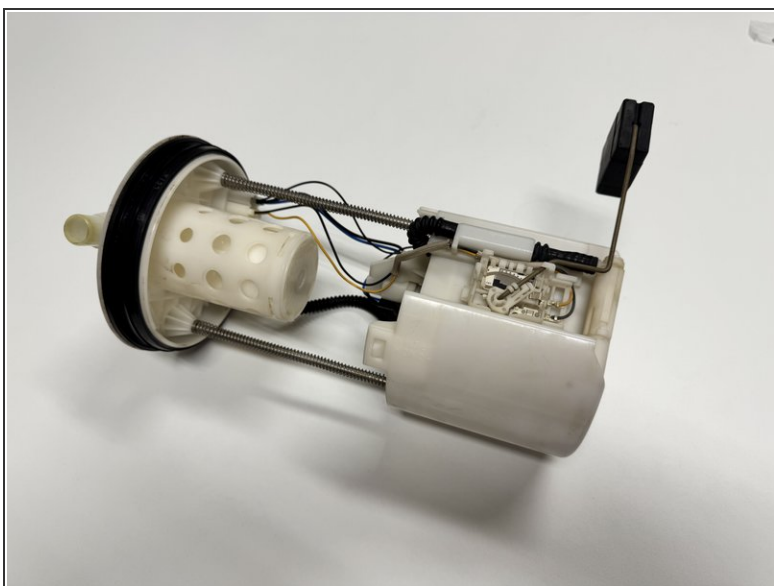
Civic Si

Use this guide to install the HR fuel pump in the 06-11 Civic Si 8th Gen

Written By: Hybrid Racing

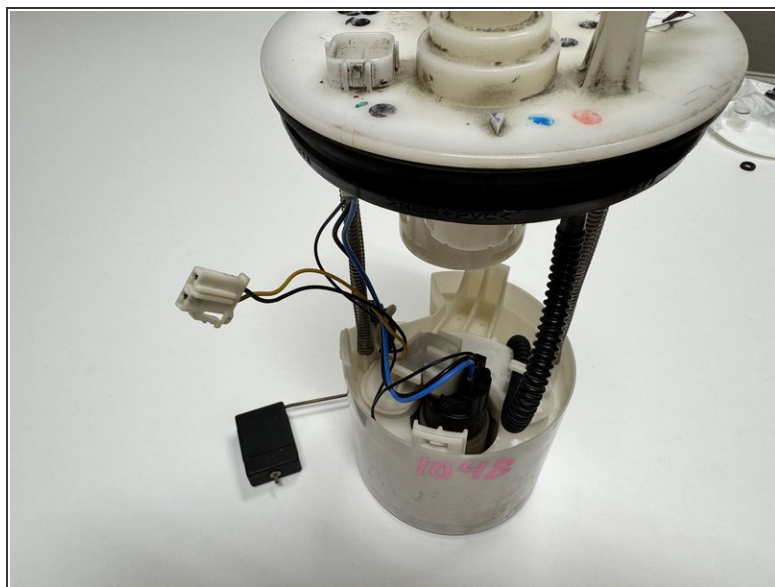
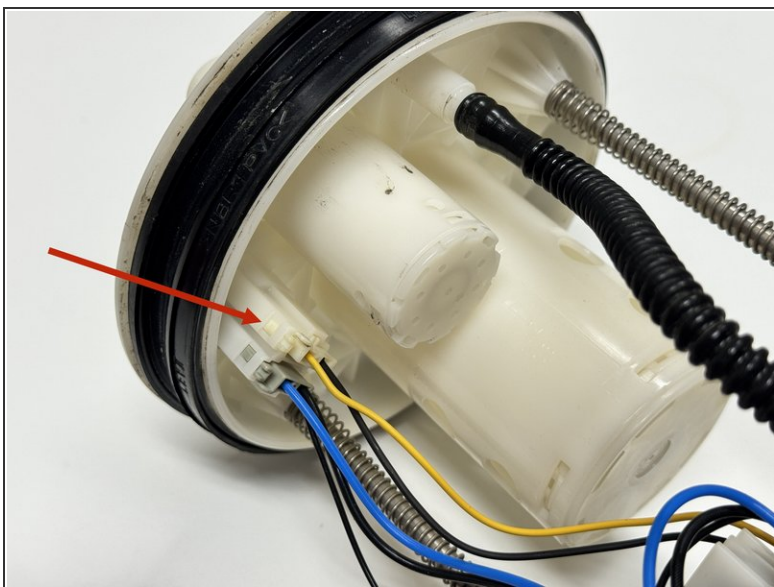


Step 1 — Fuel Pump Assembly



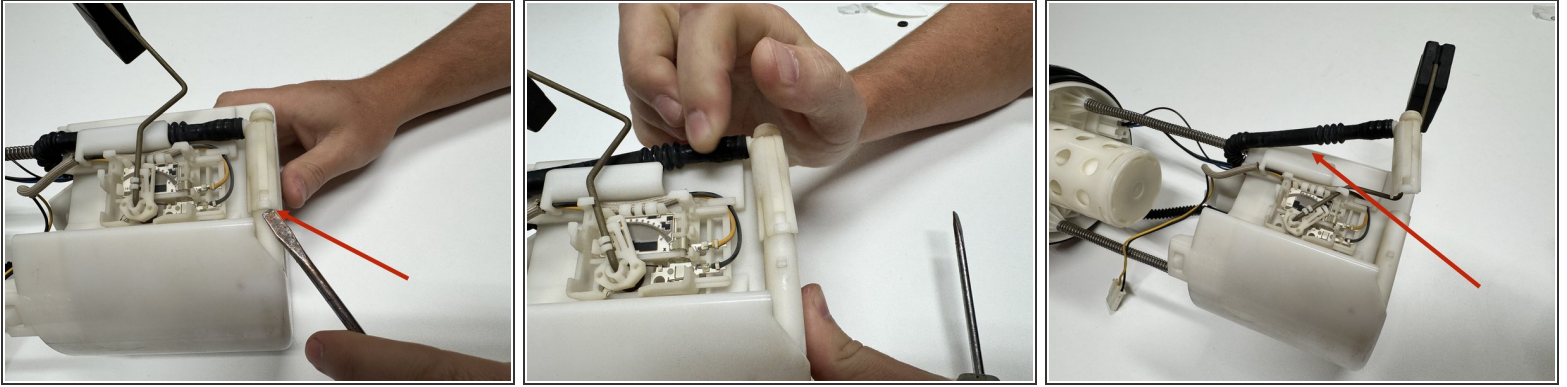
- Remove the fuel pump assembly from the vehicle. Be sure to work in a clean, well-ventilated area away from flames. There will be gasoline inside the pump.

Step 2 — Unplug Fuel Level Unit



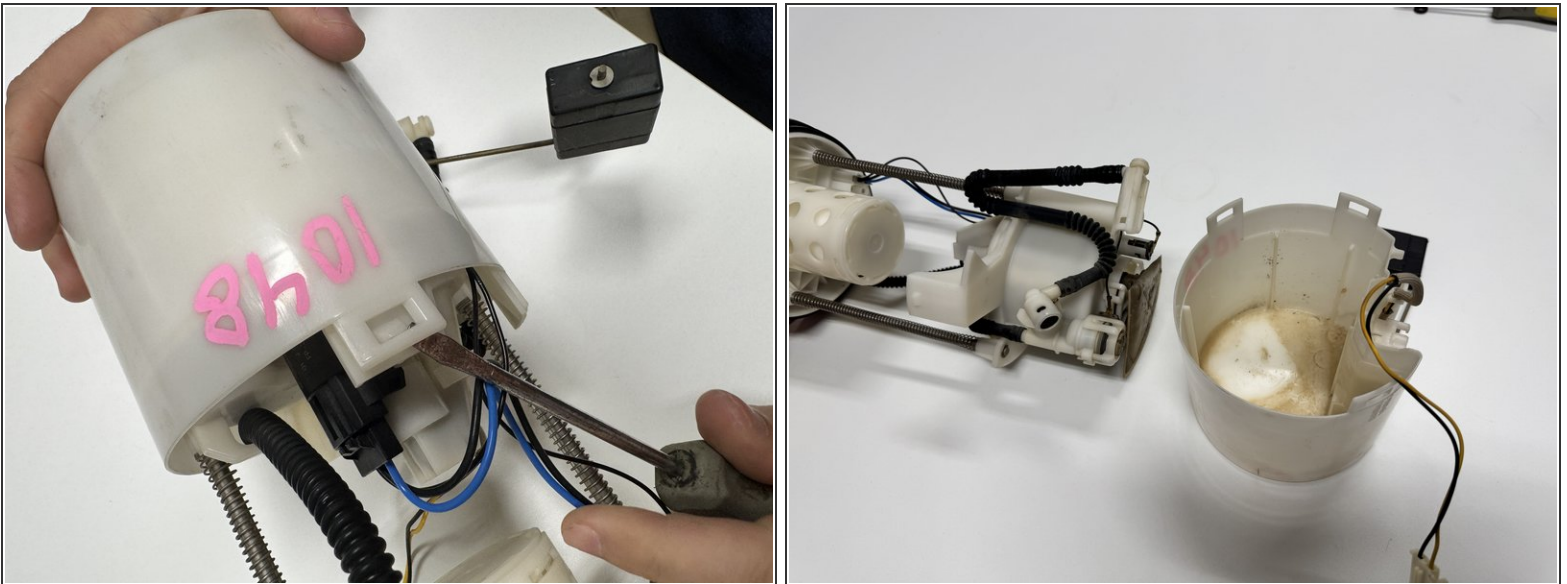
- Unplug the fuel level sending unit. It is the connector with the yellow wire.

Step 3 — Disconnect Pump Hose



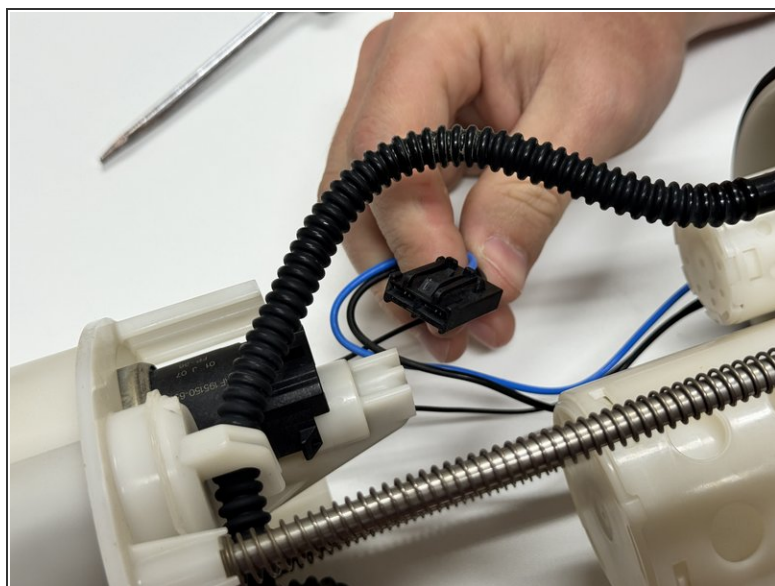
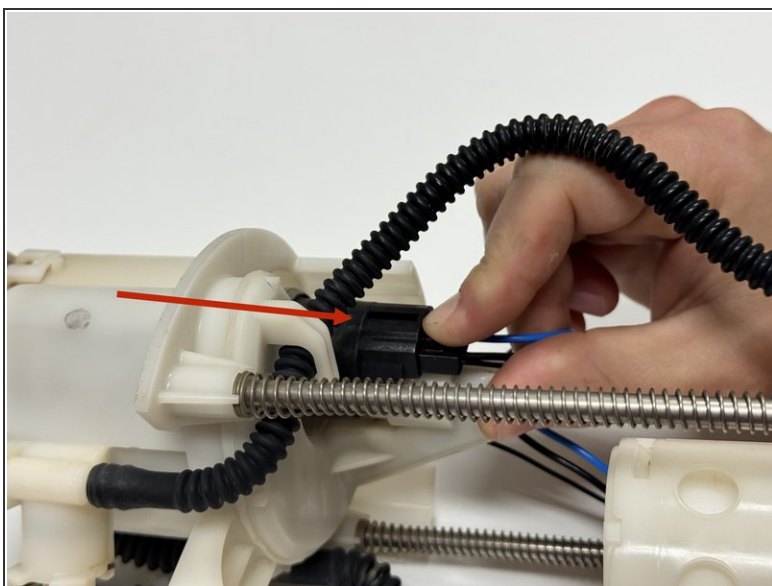
- Unclip and disconnect the fuel pump hose. Remove it entirely so it does not interfere with the fuel level float.

Step 4 — Remove Lower Cover



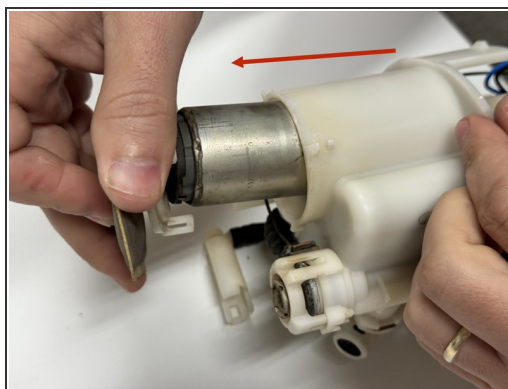
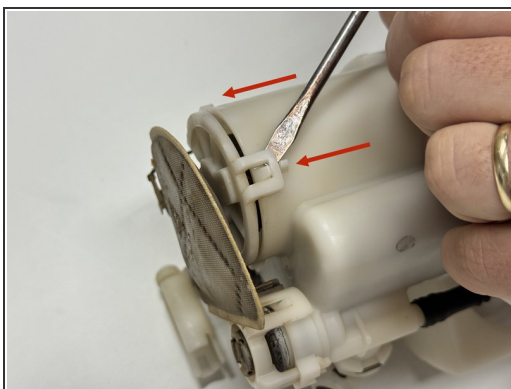
- Unclip the lower fuel pump cover. There are a few clips that surround the top section. Unclip one and work your way around the case.
- Once all are unclipped, slide the cover off.

Step 5 — Unplug Fuel Pump



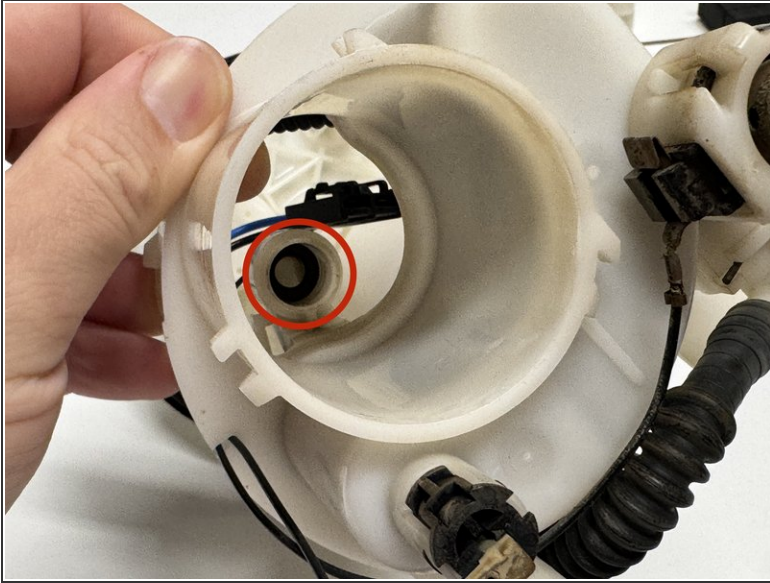
- Unplug the wiring harness from the pump motor.

Step 6 — Remove Pump Motor



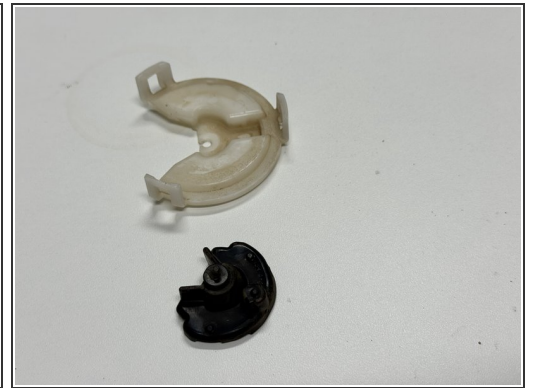
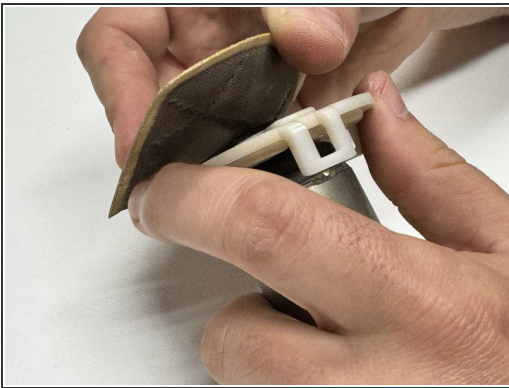
- Unclip the lower fuel pump motor cover. Like the case, there are a few clips that surround the lower section.
- Unclip them and slide the entire fuel pump motor out of the case.

Step 7 — Remove O-Ring



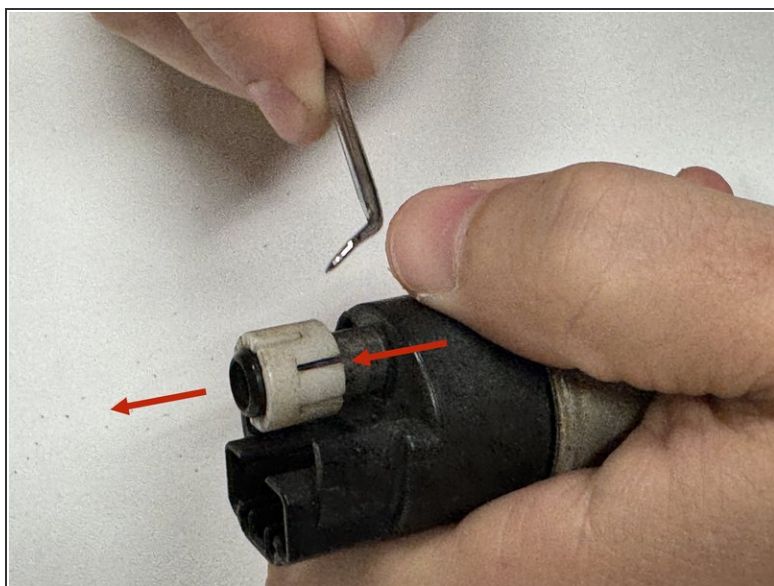
- Remove the inner o-ring from the pump housing.
- This is easy to do with a fine pick or flat tipped screwdriver.

Step 8 — Remove Filter and Retainer



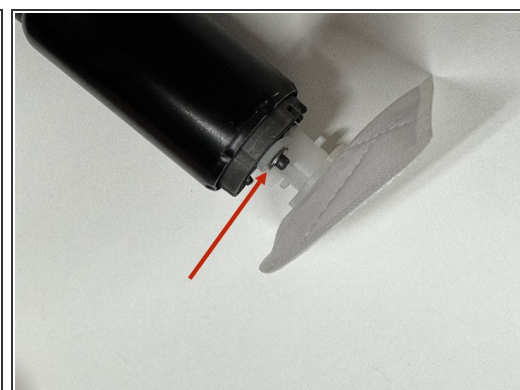
- Remove the factory pump filter, retainer and lower isolator.

Step 9 — Remove Pump Spacer



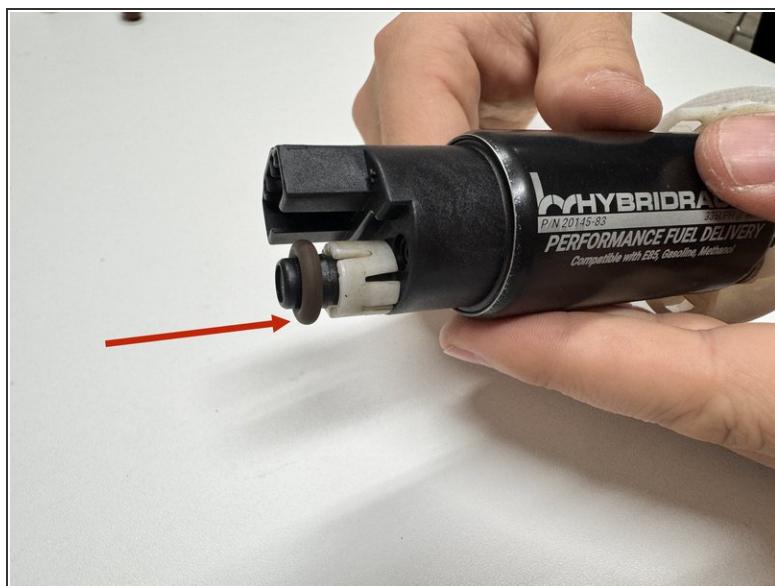
- Remove the factory pump spacer.
- Only the retainer, isolator and spacer. All other items can be discarded.

Step 10 — Install Filter



- Install the new Hybrid Racing pump filter onto the Hybrid Racing pump motor.
- Use the supplied filter and retaining clip.

Step 11 — Install Spacer & O-Ring



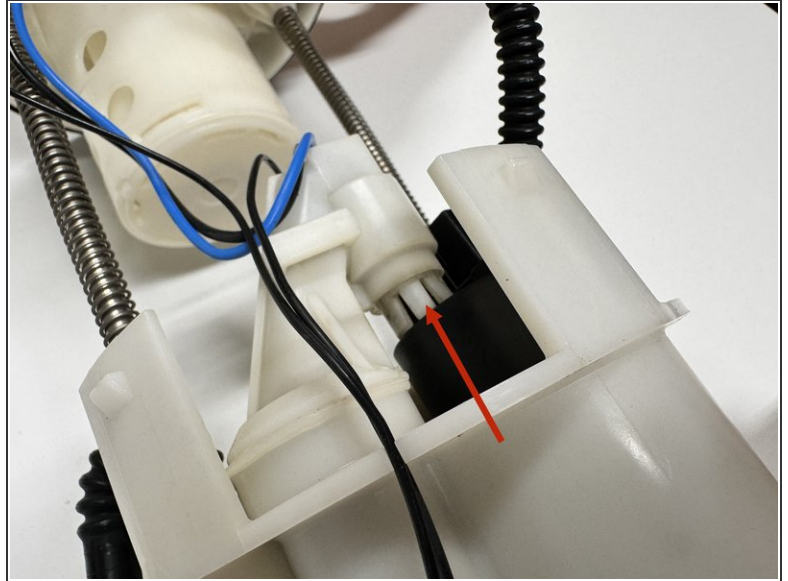
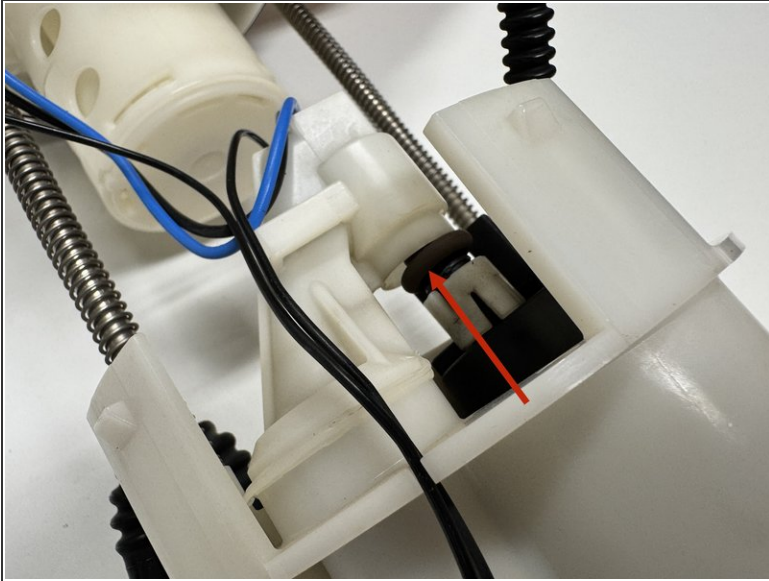
- Reinstall the pump spacer onto the Hybrid Racing fuel pump.
- This is easiest done using a small socket which helps you push it all the way down.
- Install the supplied o-ring on top of the pump spacer.

Step 12 — Install Isolator & Retainer



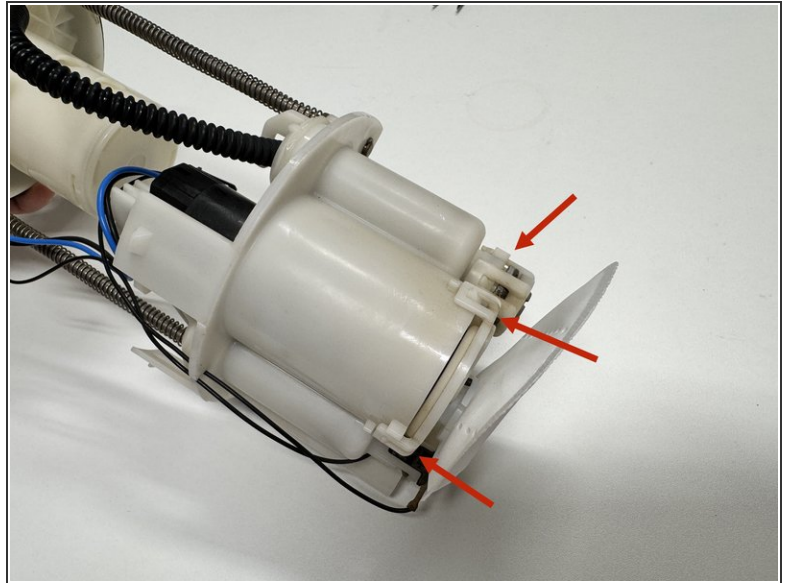
- Reinstall the rubber pump isolator and plastic retainer.

Step 13 — Install Pump



- Slide the pump assembly into the housing. You may need to add a drop of lube to the o-ring so it slides into place easily. Push the pump into the housing until it stops.

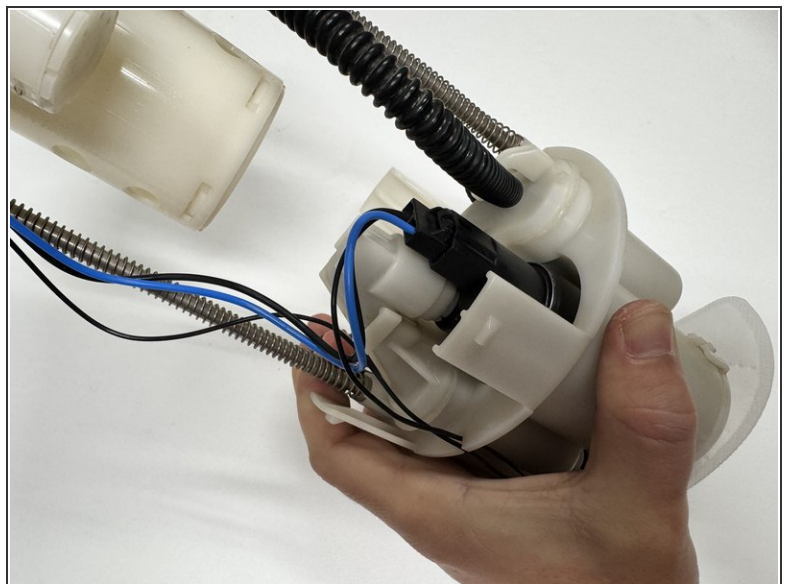
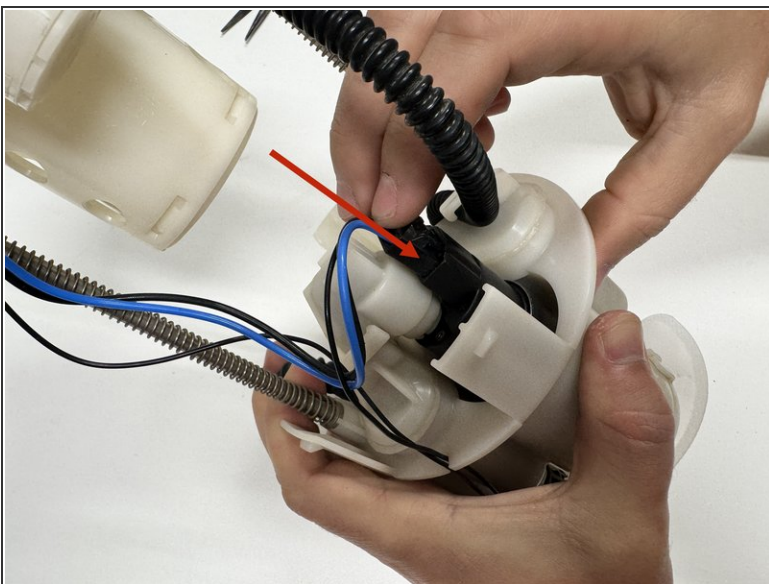
Step 14 — Secure Lower Cover



- Push the lower pump cover onto the housing. This should snap back in place just like it was when you removed it. Make sure all tabs are clipped in otherwise the fuel pressure can push the pump out when it is turned on.

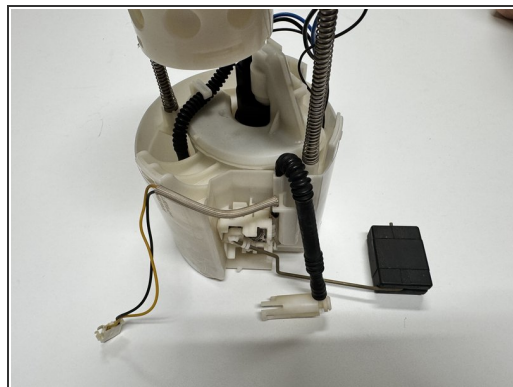
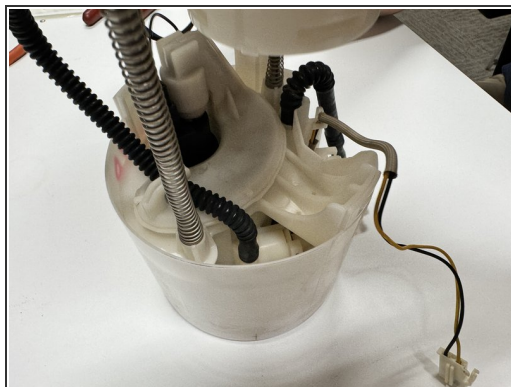
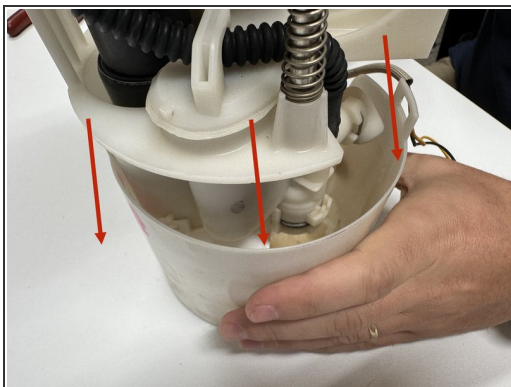
⚠ If this happens, you will experience a loss of fuel pressure.

Step 15 — Connect Wiring



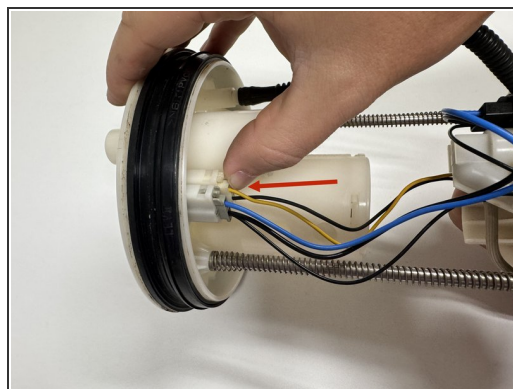
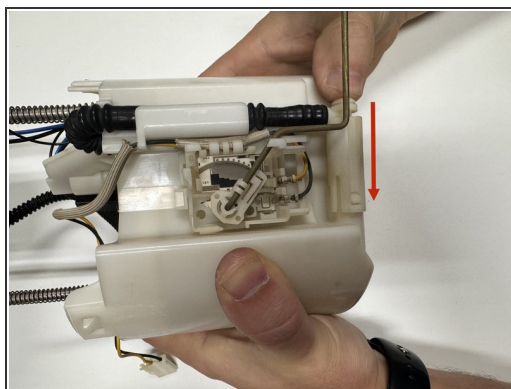
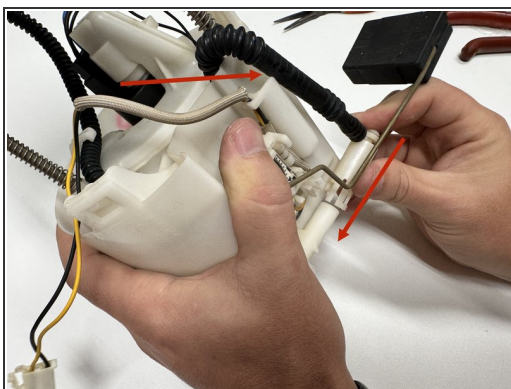
- You can now plug the new pump in using the factory connector.

Step 16 — Reattach Lower Housing



- Slide the pump assembly into the housing. Be sure to secure all clips around the top of the case.

Step 17 — Install Pump Hose



- Reinstall the pump hose.
- Make sure it routes behind the level sending unit. Clip the hose back into its original position.

Step 18 — Installation Complete



- Now you are ready to install the pump back into the chassis. Be careful not to damage the fuel level sending unit during this process.