Installation Manual

2.0 TSI EA888 Gen.3 MQB upgrade fuel pump up to 800 hp BAR-TEK®

21tsi265

This installation is not recommended for a novice or the "new guy" in the shop. Use caution when installing, as not to damage any factory components or components included in this kit. If you are not experienced in working on cars we recommend taking this kit to your local performance shop for installation.

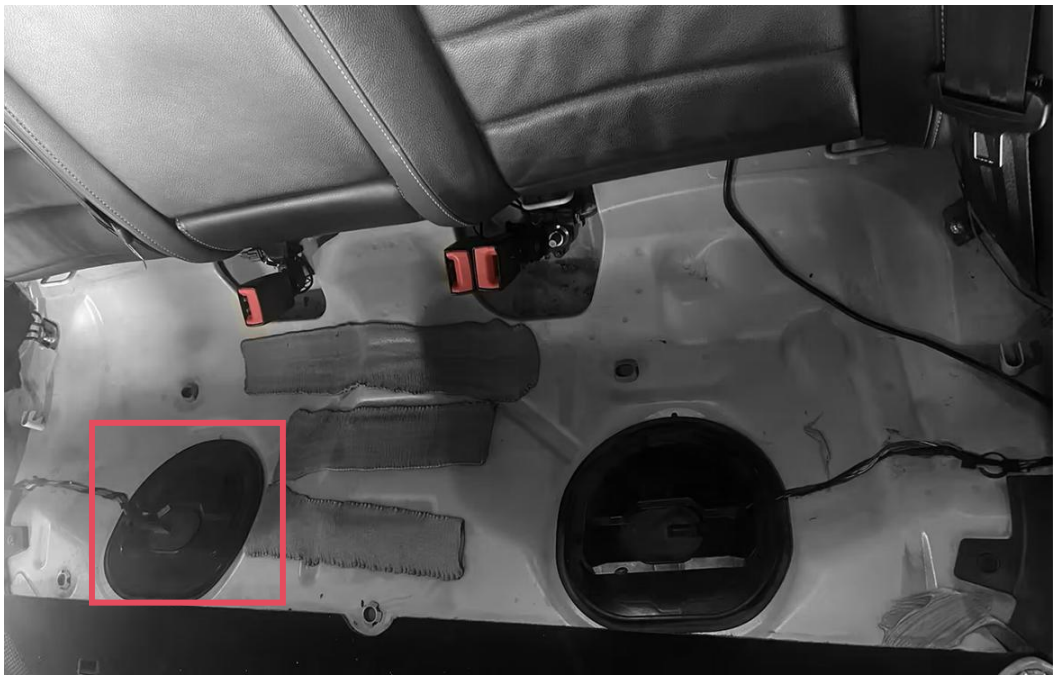
Kit Contents

Name	Quantity
2.0 TSI EA888 Gen.3 MQB upgrade fuel pump up to 800 hp BAR-TEK®	1
Low-pressure dual-pump hob switch assembly	1
TE Connectivity 4-pin plug kit	1
Fuel pump fuse plug	1
Fluororubber heat shrink tubing with inner diameter 4.8mm	1
2.5mm^2 galvanized Teflon red wire	1
1.5mm^2 galvanized Teflon red wire	1
1.5mm^2 galvanized Teflon black wire	1
1.5mm^2 galvanized Teflon black and white twin wire with fuel pump dual-plug connector set	1
Vacuum pipe	2

Verify all components needed to perform install are in your kit using the list above. Additionally read through all pages of the instructions to ensure full understanding before starting installation.

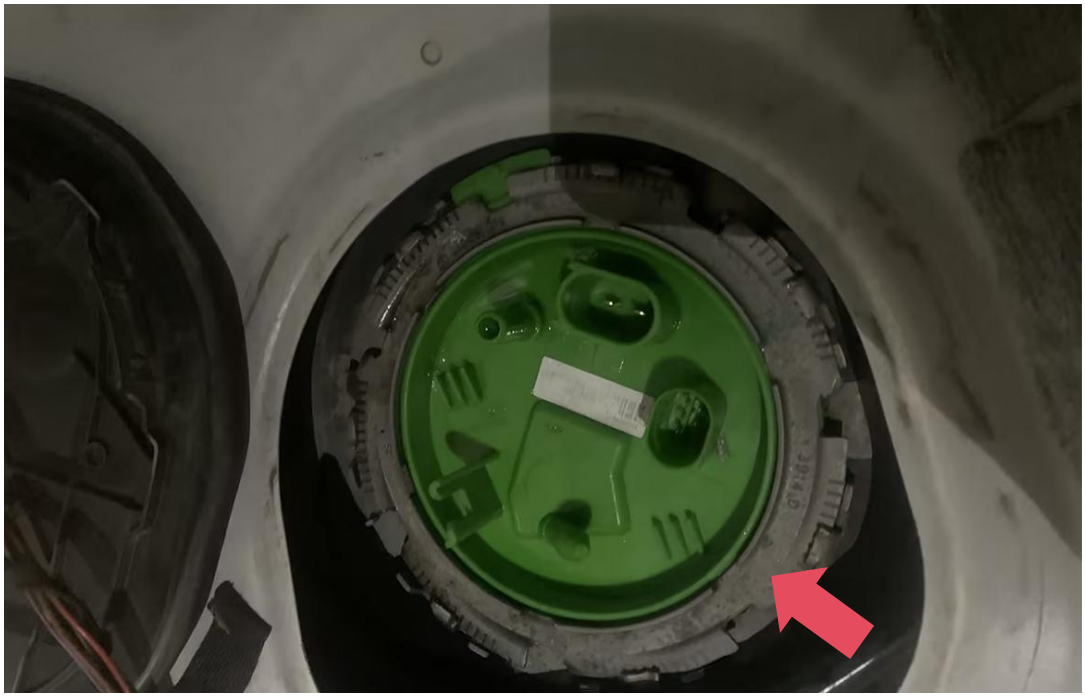
1.Remove the seat cushion clips.
2.Remove the rear seat

3.The low-pressure fuel pump is located as shown in the figure

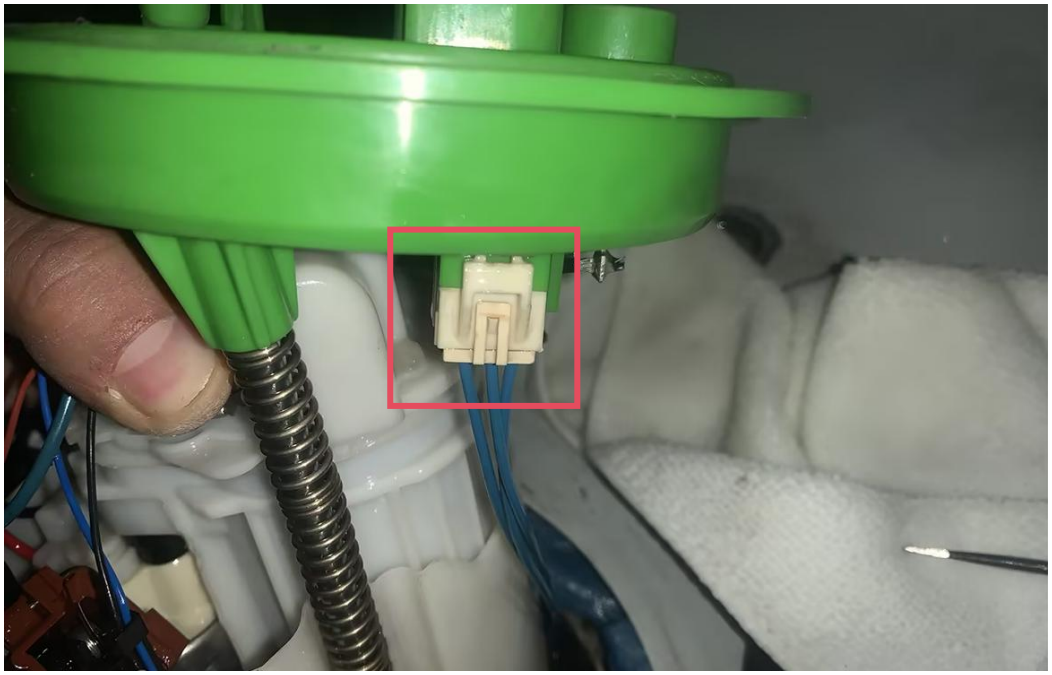


4.Remove the pump cover.

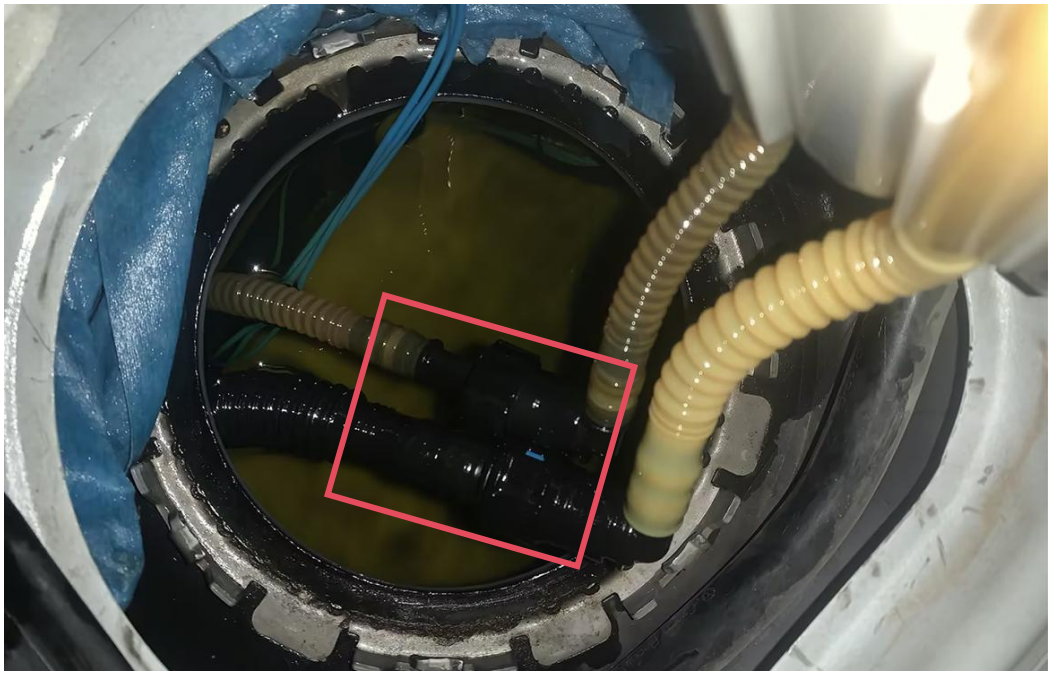
5.Disconnect the fuel pump connector and fuel line, then remove the fuel pump bracket.



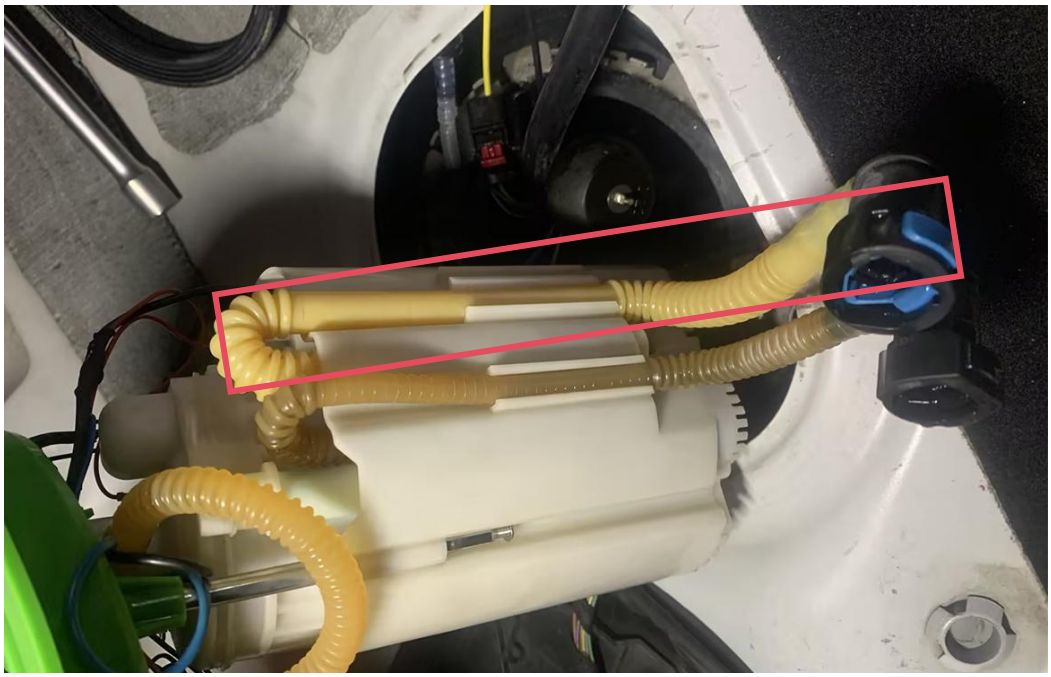
6.Disconnect the fuel level sensor.



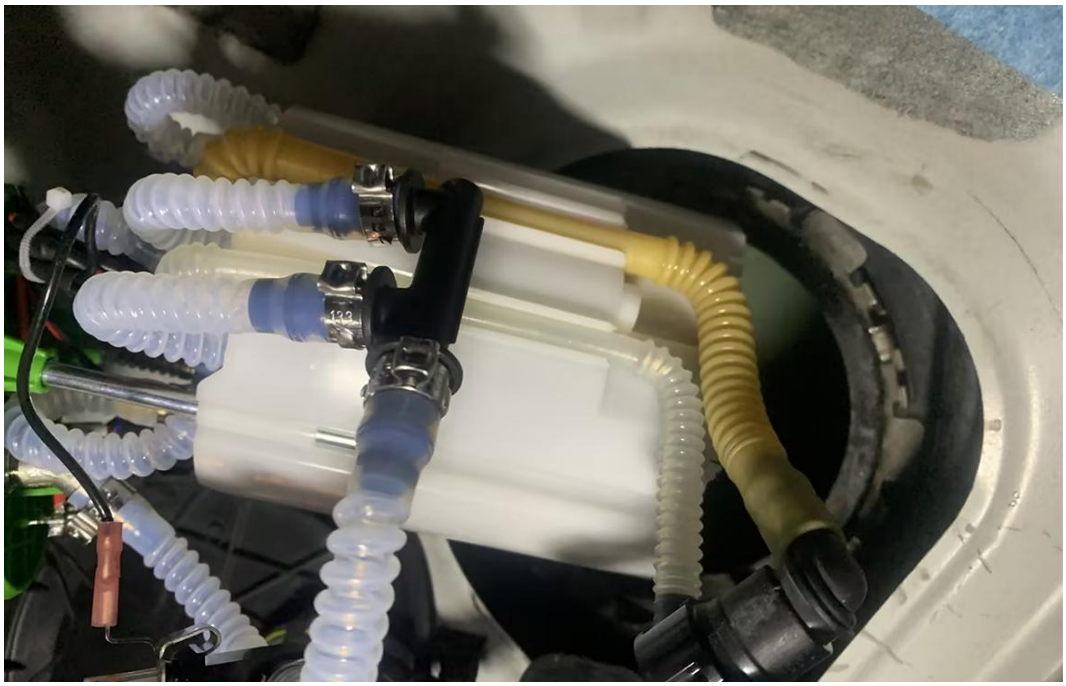
7.Disconnect the return line and feed line.



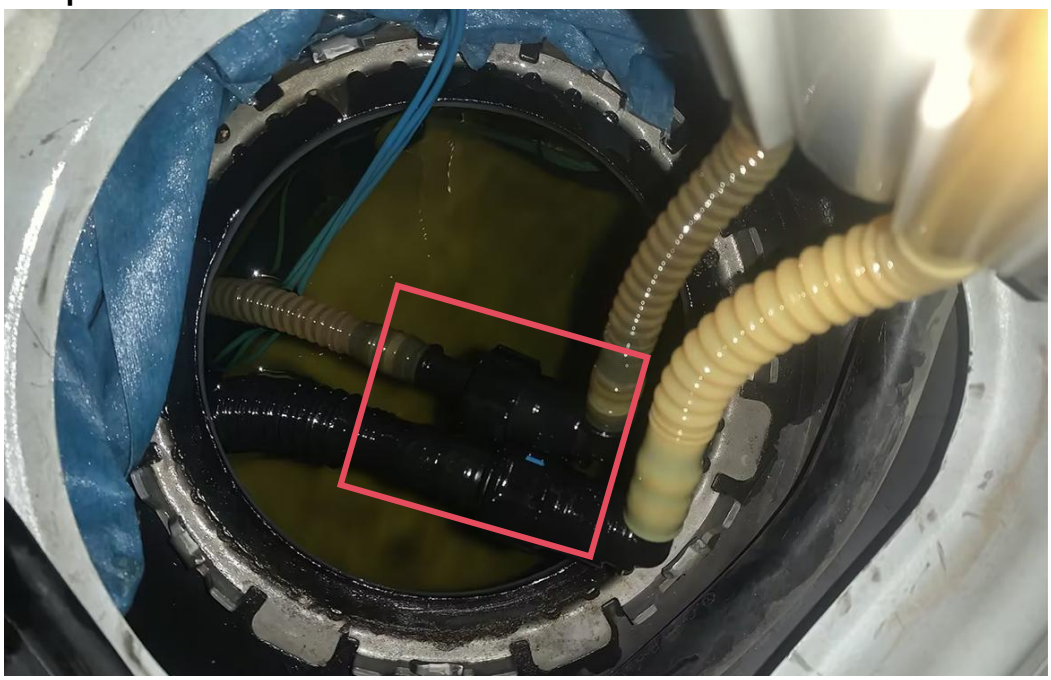
8.Remove the fuel pump and disconnect the return line (marked by red square) .



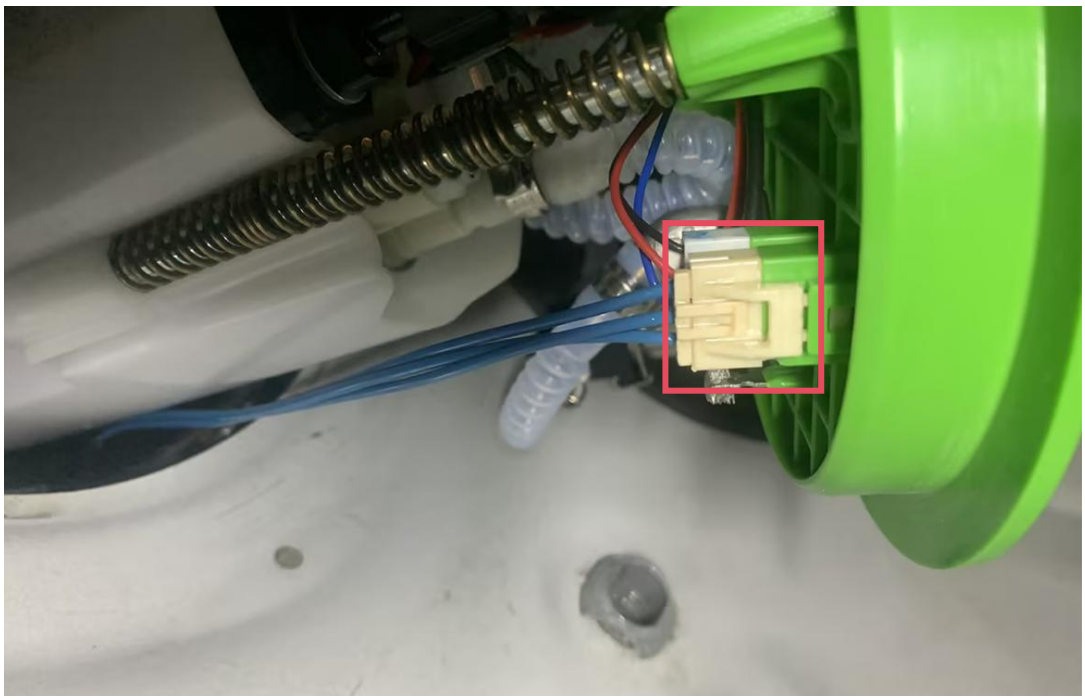
9.Install the removed return line onto the BAR-TEK low-pressure fuel pump.



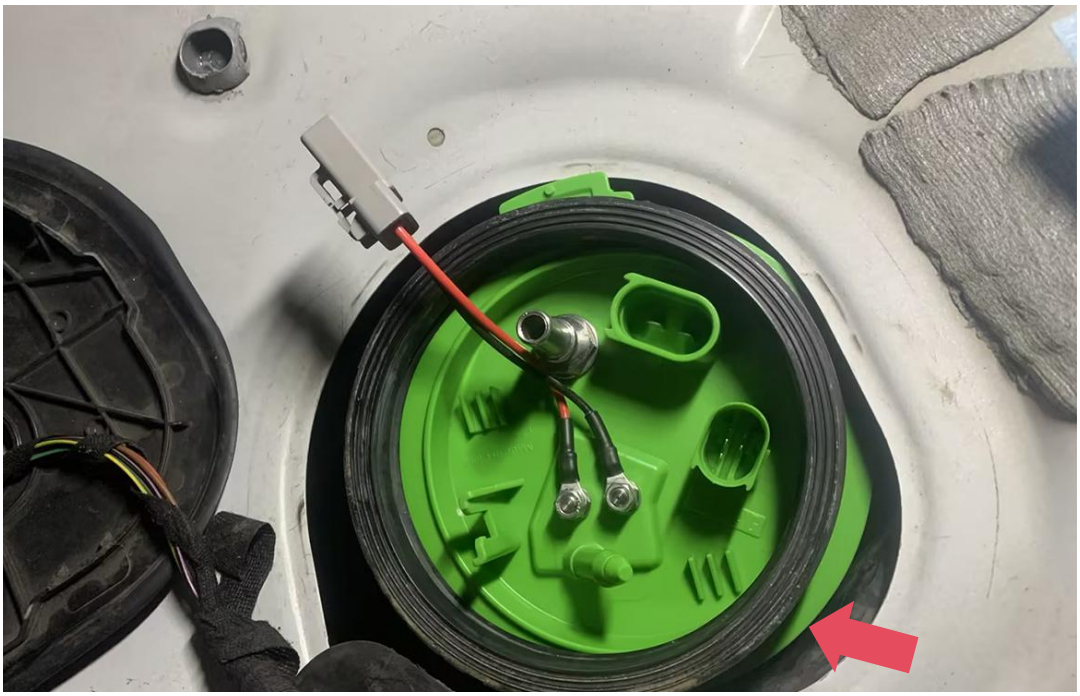
10.Connect the return/feed lines to the BAR-TEK fuel pump.



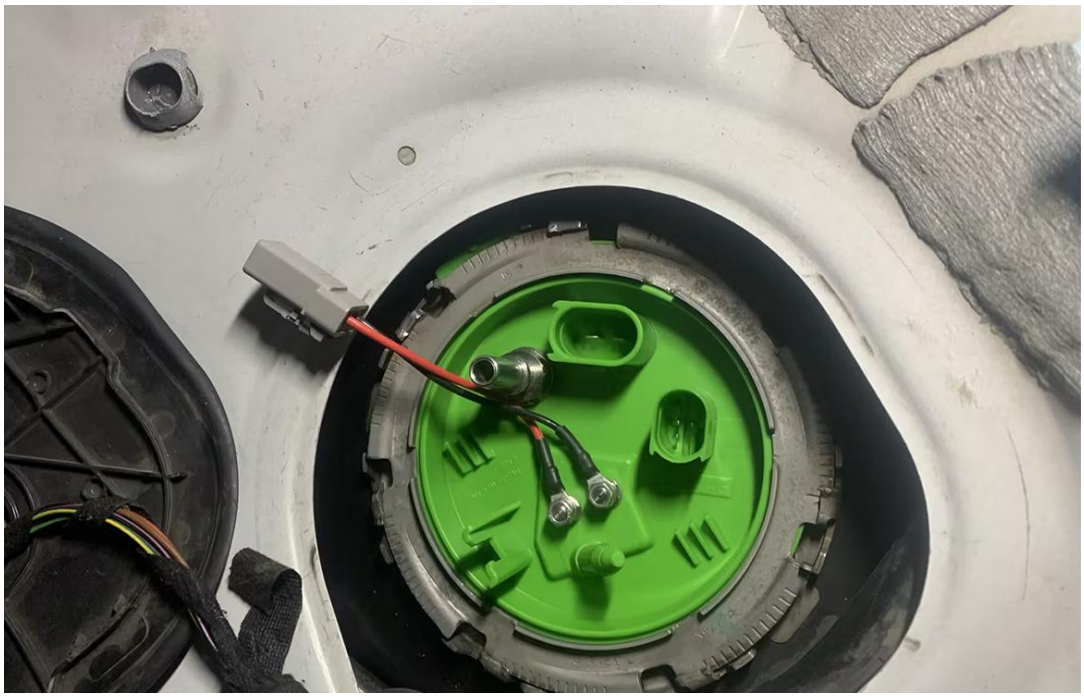
11.Install the fuel pump fuel level sensor.



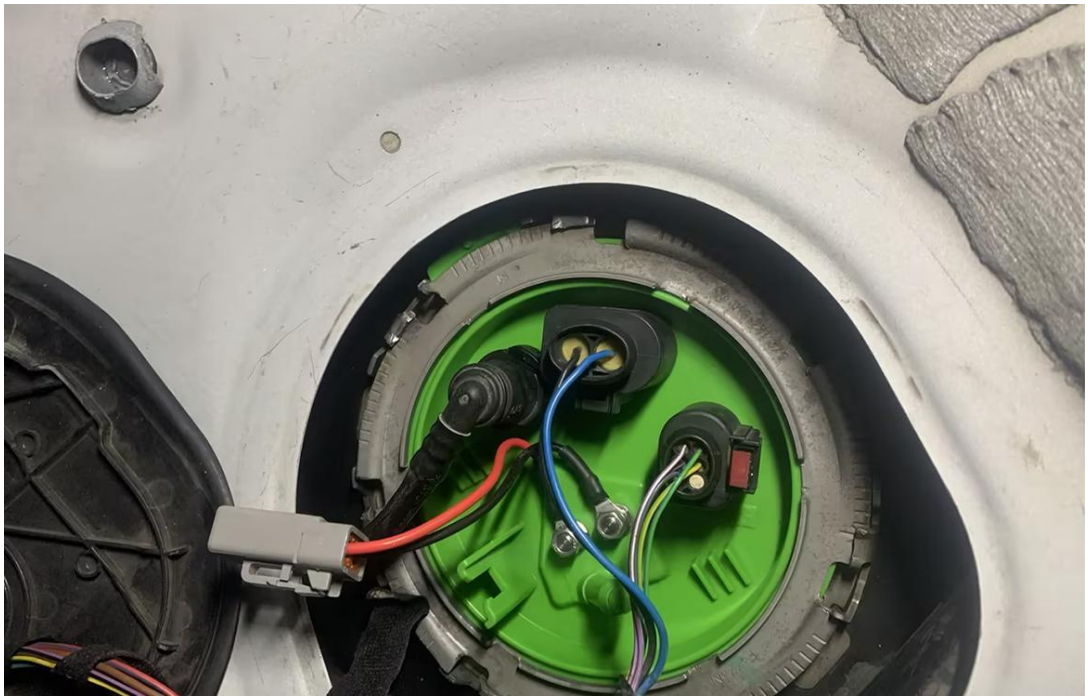
12.Install the fuel pump seal.

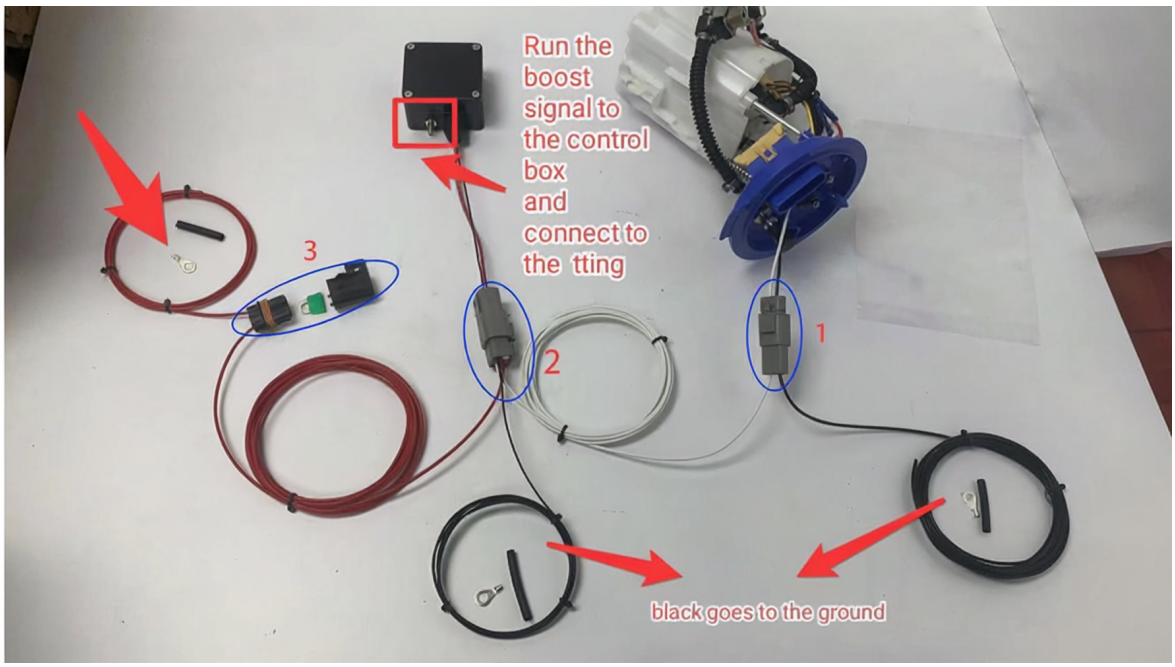


13.Install the fuel pump bracket.

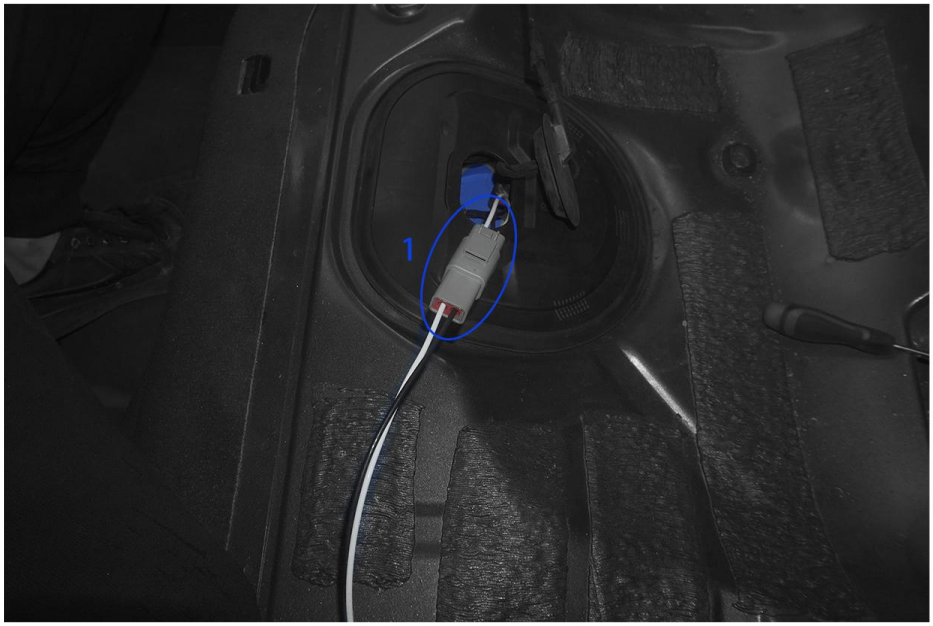


14.Connect the fuel pump connector and fuel line.





Connect the two parts
as the picture shows in area 1



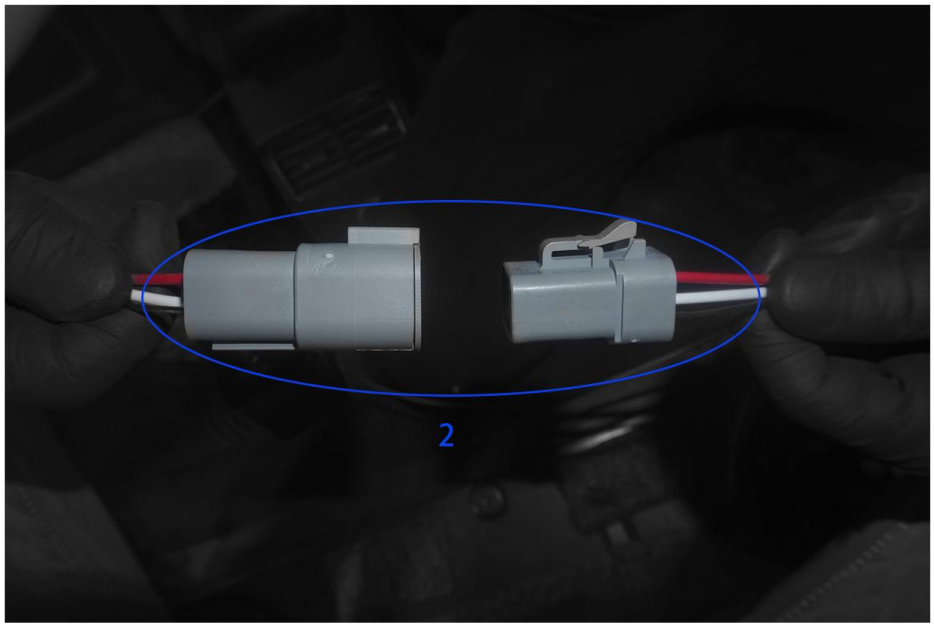
1.The longer red wire goes to port 1

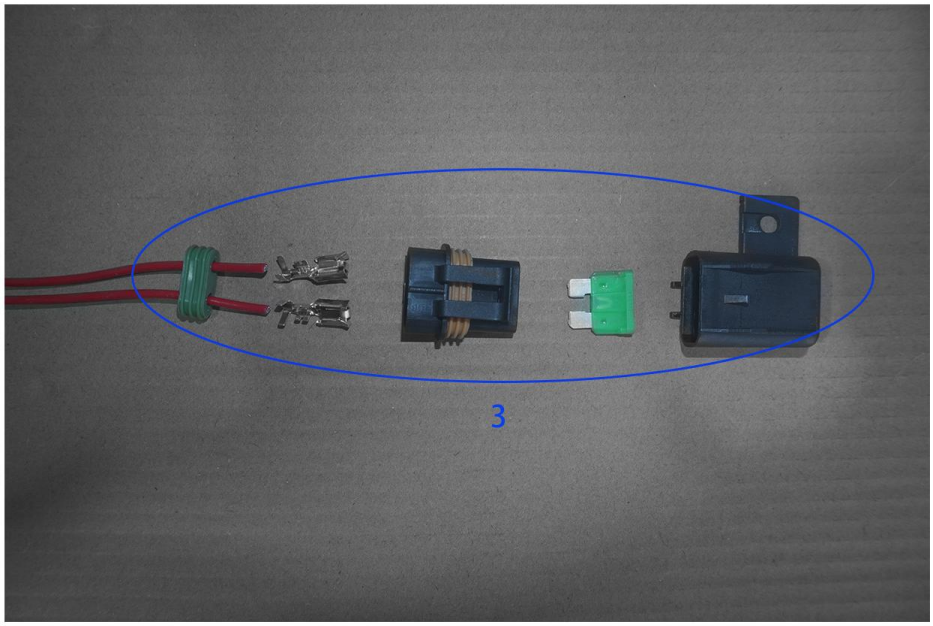
2.The white wire to the fuel pump
goes to port 2

3.The black wire with less length
goes to port 3

4.Port 4 is already sealed up
with no connection to be needed

Connect the two parts
as the picture shows in area 2

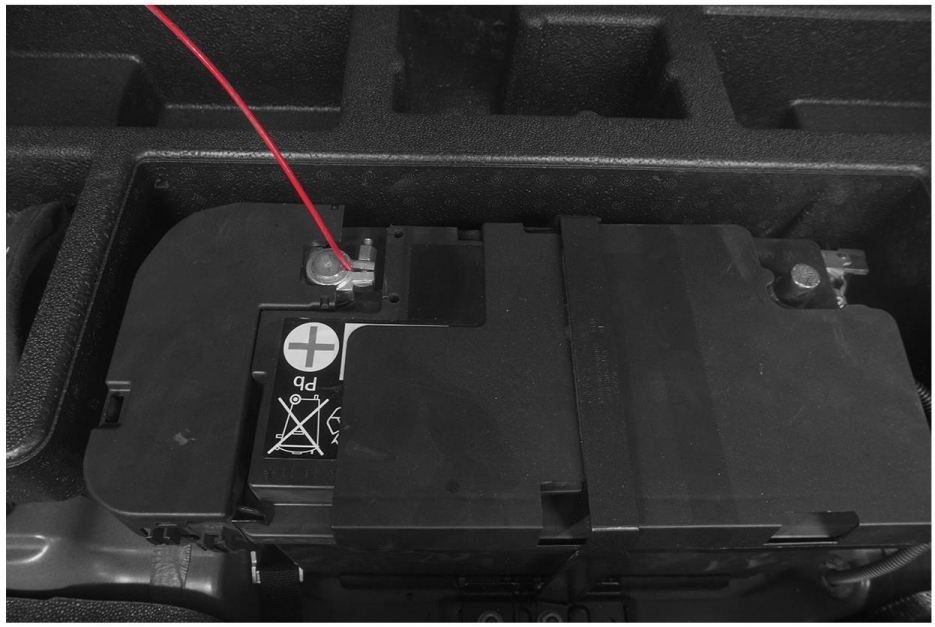




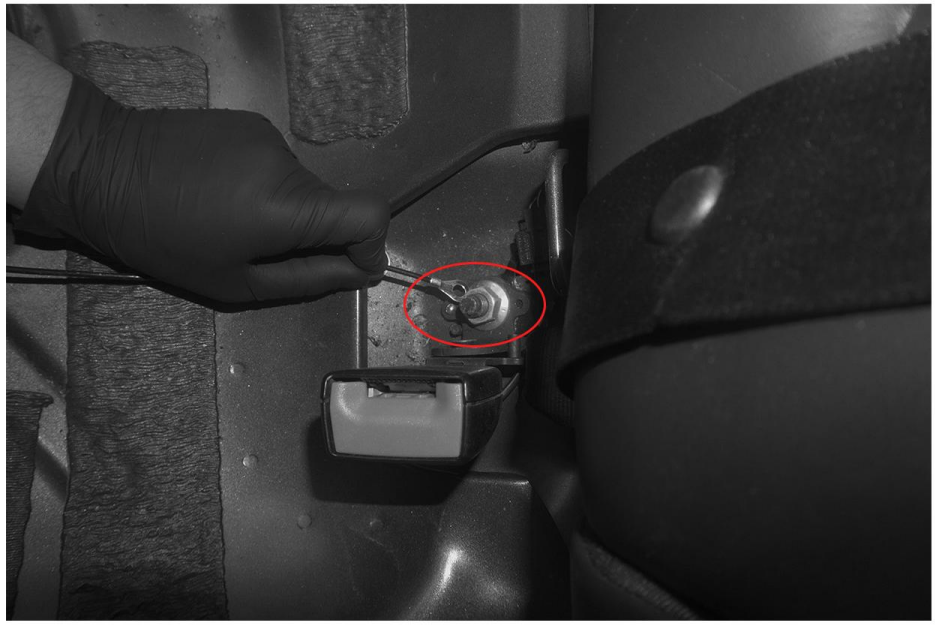
Two red wires should separately
go through the components 3

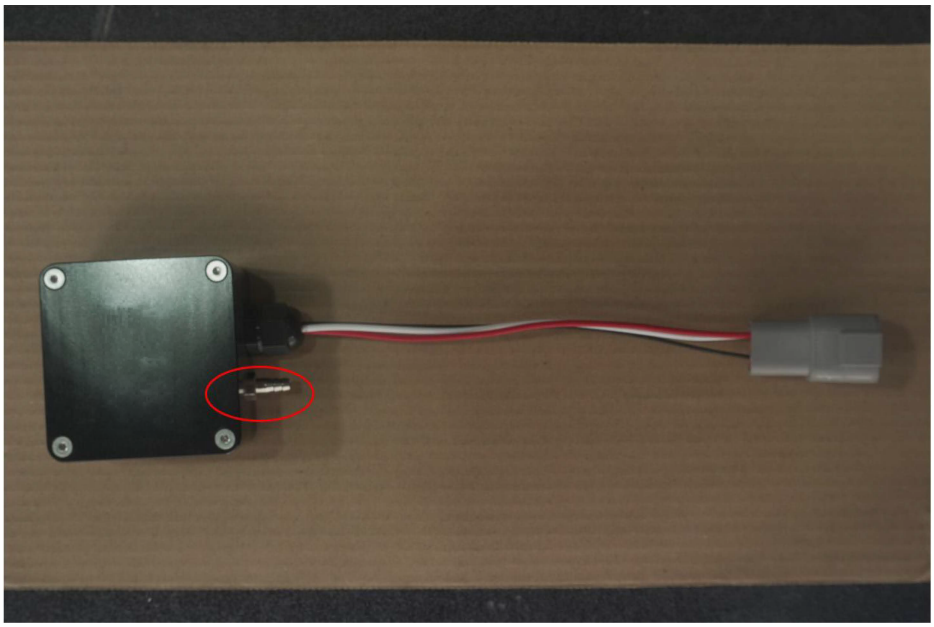
Put all parts together
from left to right in order
as what's displayed in the picture

The red wire with less length should be connected with the positive terminal of battery cell



Two black wires go to ground





Mount the control bar
in the driver foot well

Run the boost signal to the
control box and connect to the
fitting.