Fuel-it! B58 Gen 1 High Pressure Fuel Pump (HPFP) Install Guide

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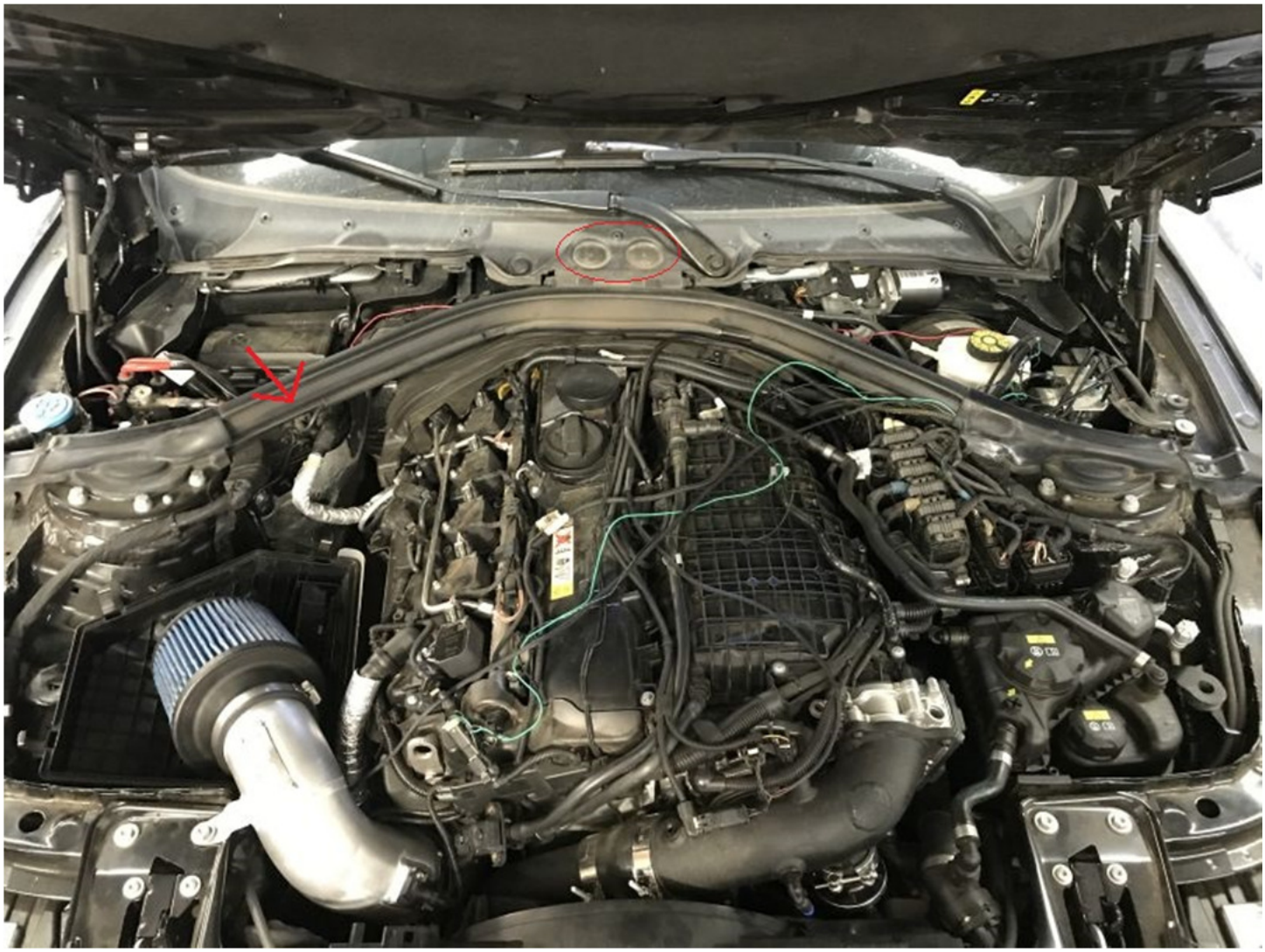
First we'll be removing engine covers to allow access to the HPFP. Note the vehicle below has some additional random development wires floating around the engine bay that will not be present on your vehicle.

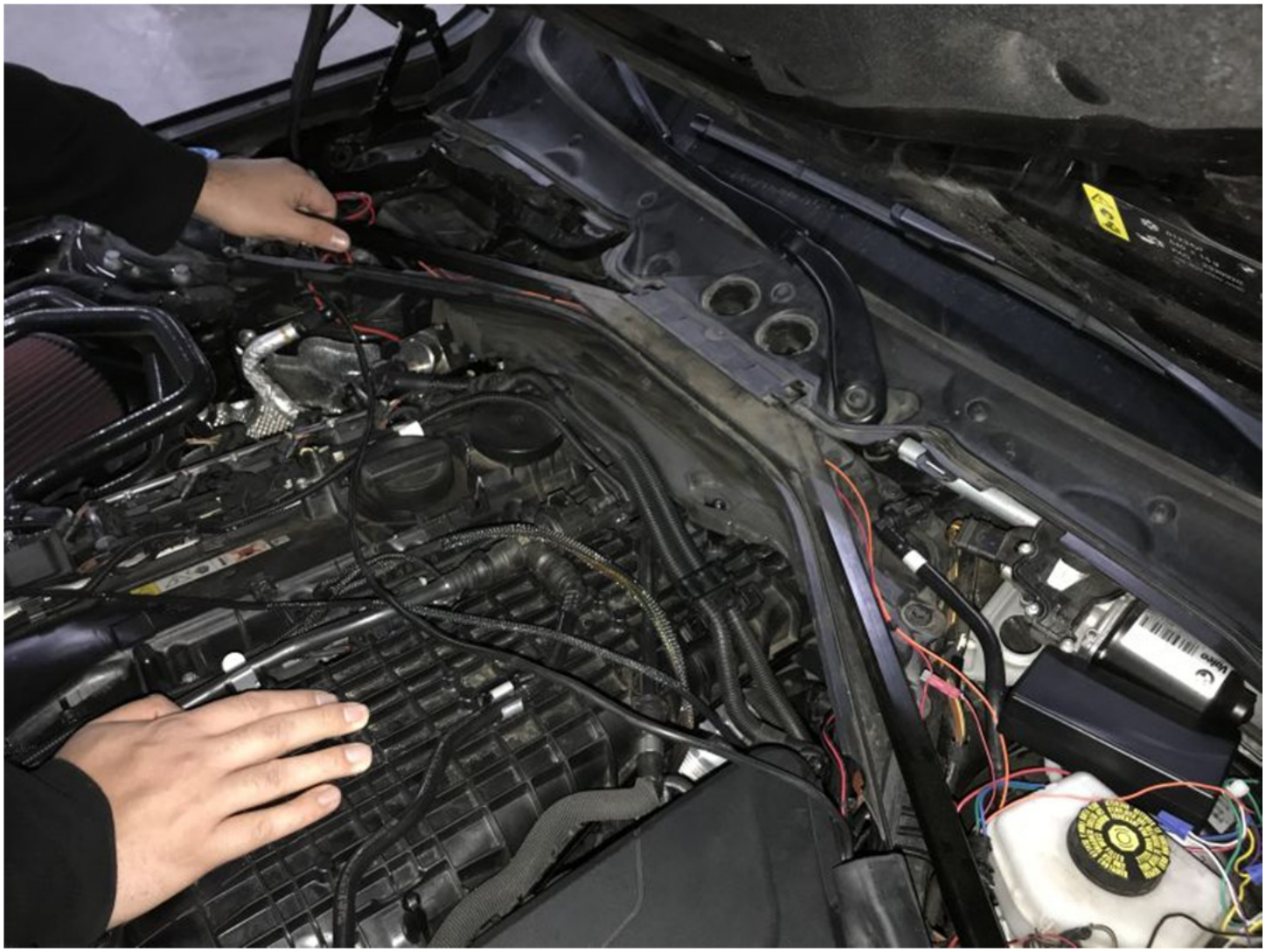
Remove the passenger and driver cowl covers by turning the three 10mm bolts on each side.

Remove the ECU cover.

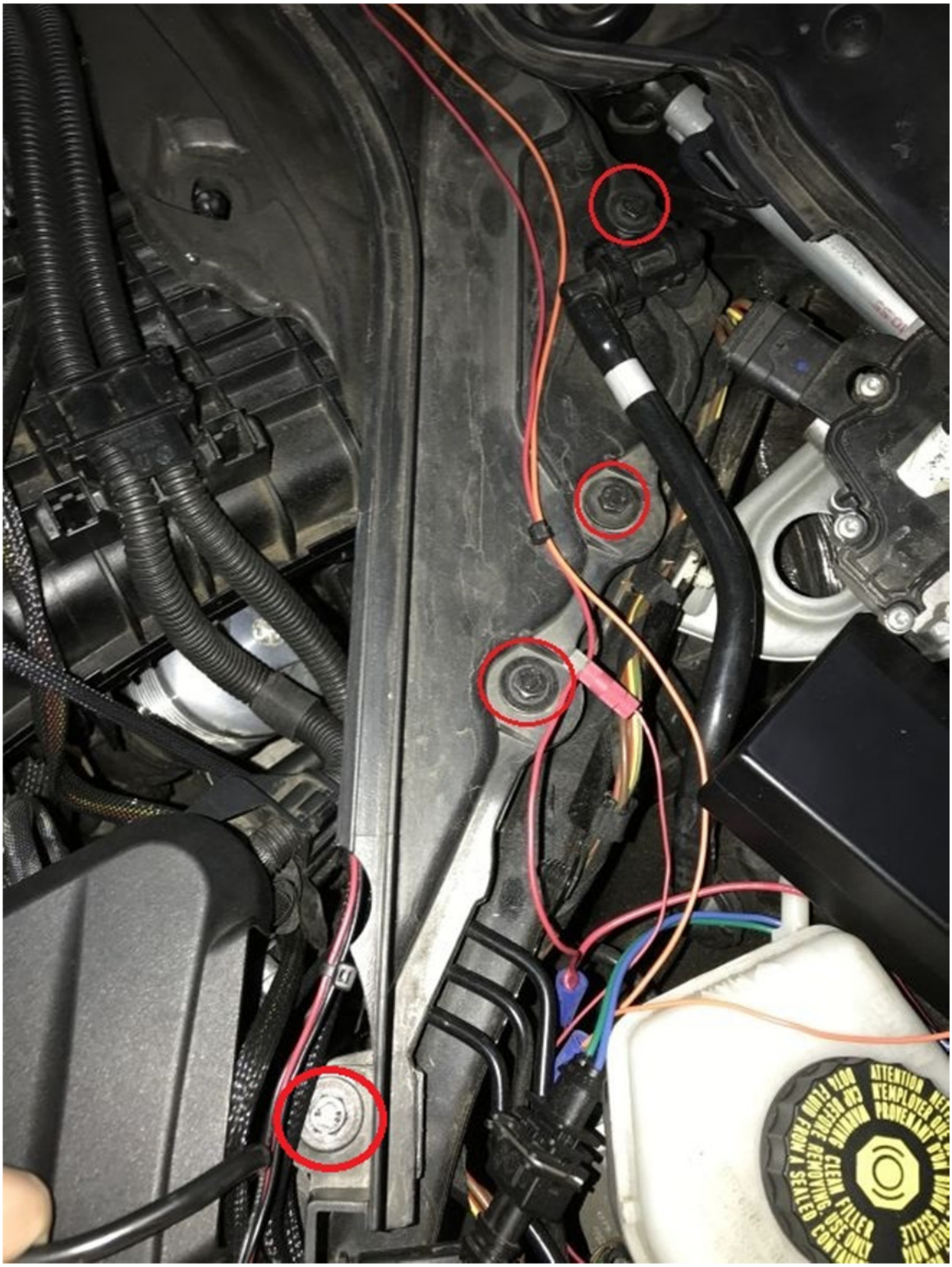
Remove the two covers to reveal the cross brace bolts.
Pull the wire out of the rubber liner and place liner away.



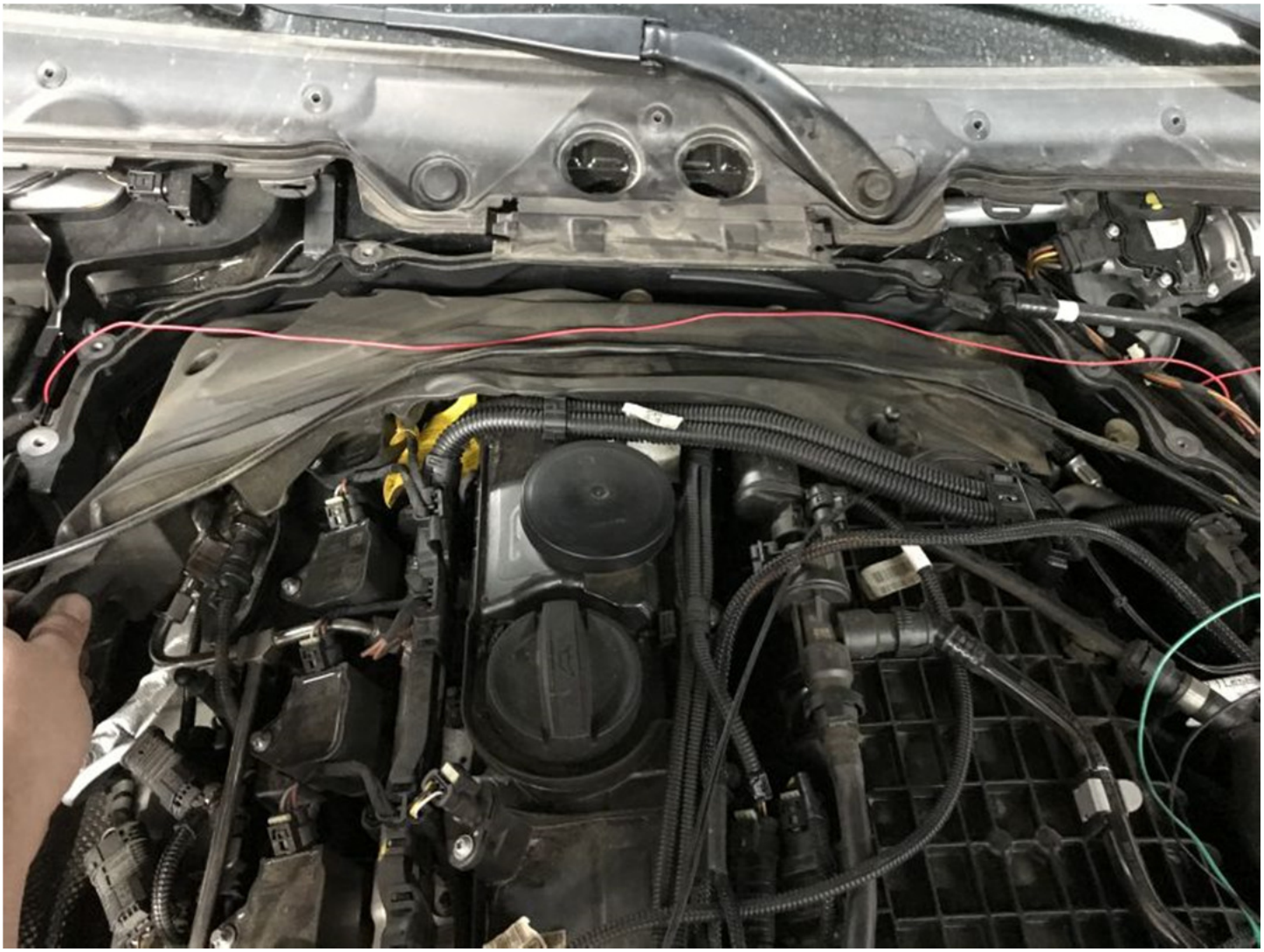
Remove the four E18 bolts holding down the brace and put everything aside.

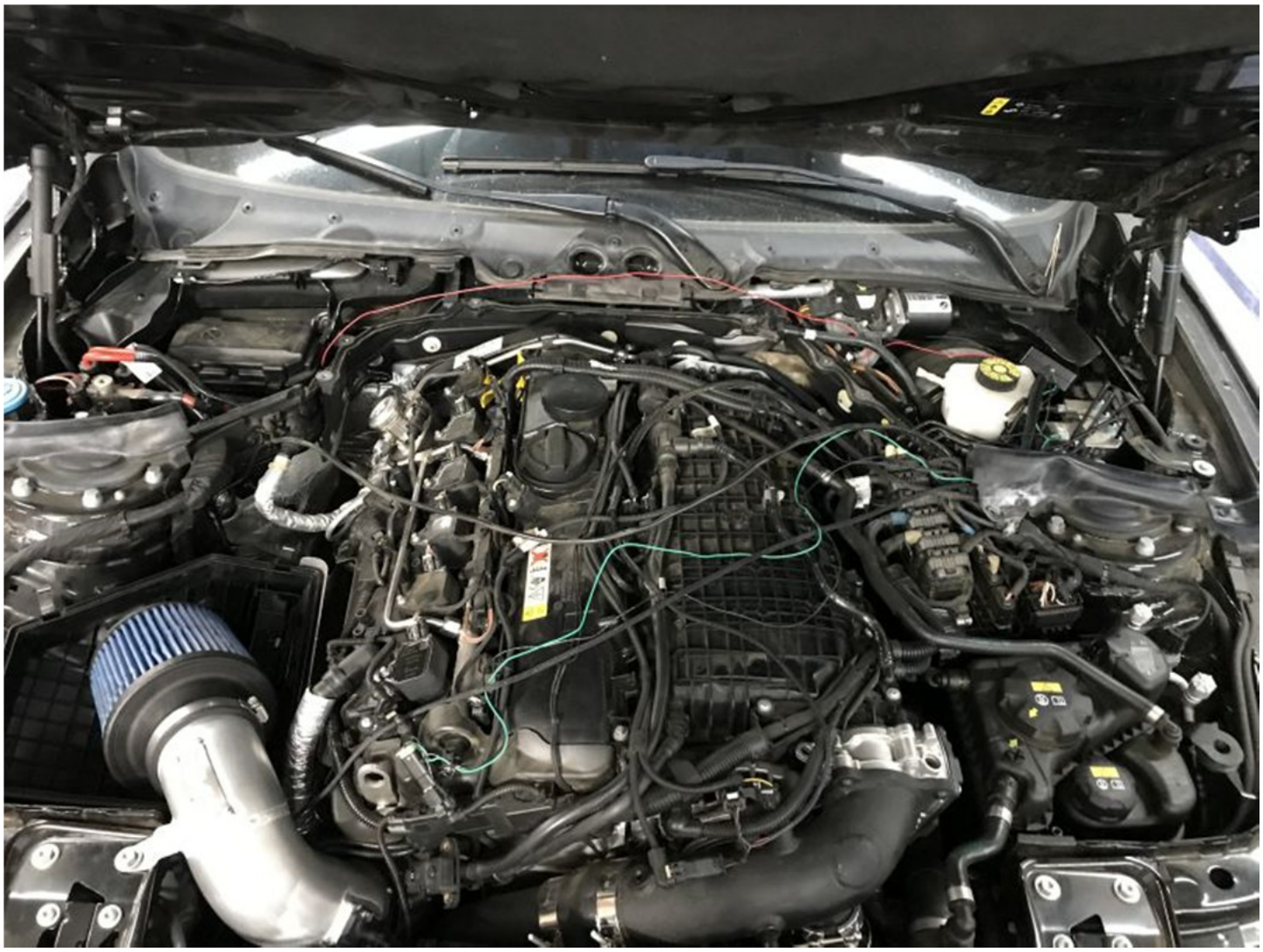


To remove the plastic cover you will need to unscrew seven 10mm bolts, then put cover aside.

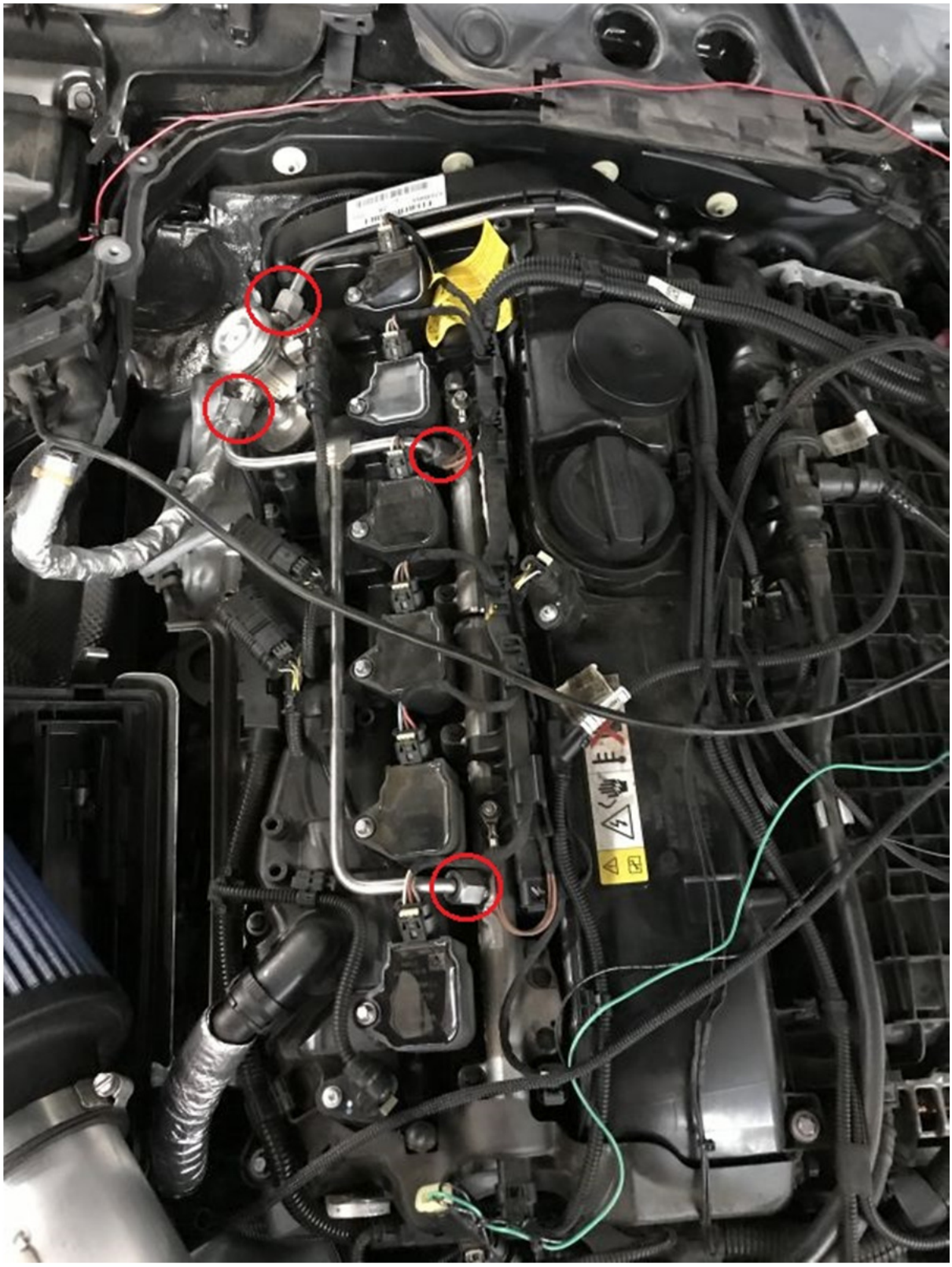


Remove the sound deadening foam.



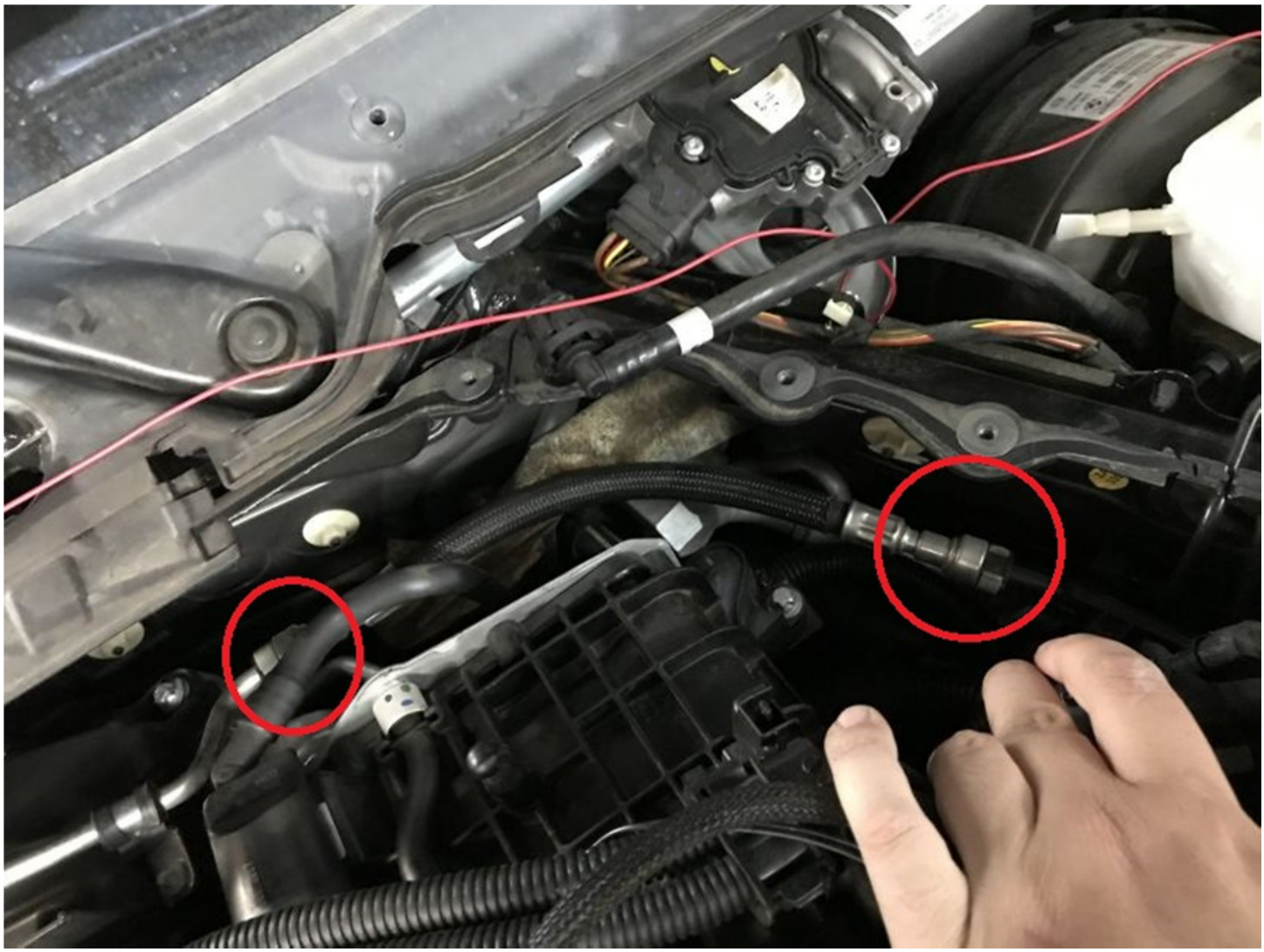


Now that we've exposed the pump we'll remove the fuel line. We suggest covering the area with a rag as you work and during each 17mm nut slowly to avoid fuel spraying everywhere.



Remove the OEM HPFP by slowly backing off each of the two bolts EVENLY until it is free.
Undo the connector to the HPFP and tuck aside.

Remove the gray clips to release the black tab. Push in the black tab while pulling on the line to remove. This will be completely replaced along with the attached hardline.

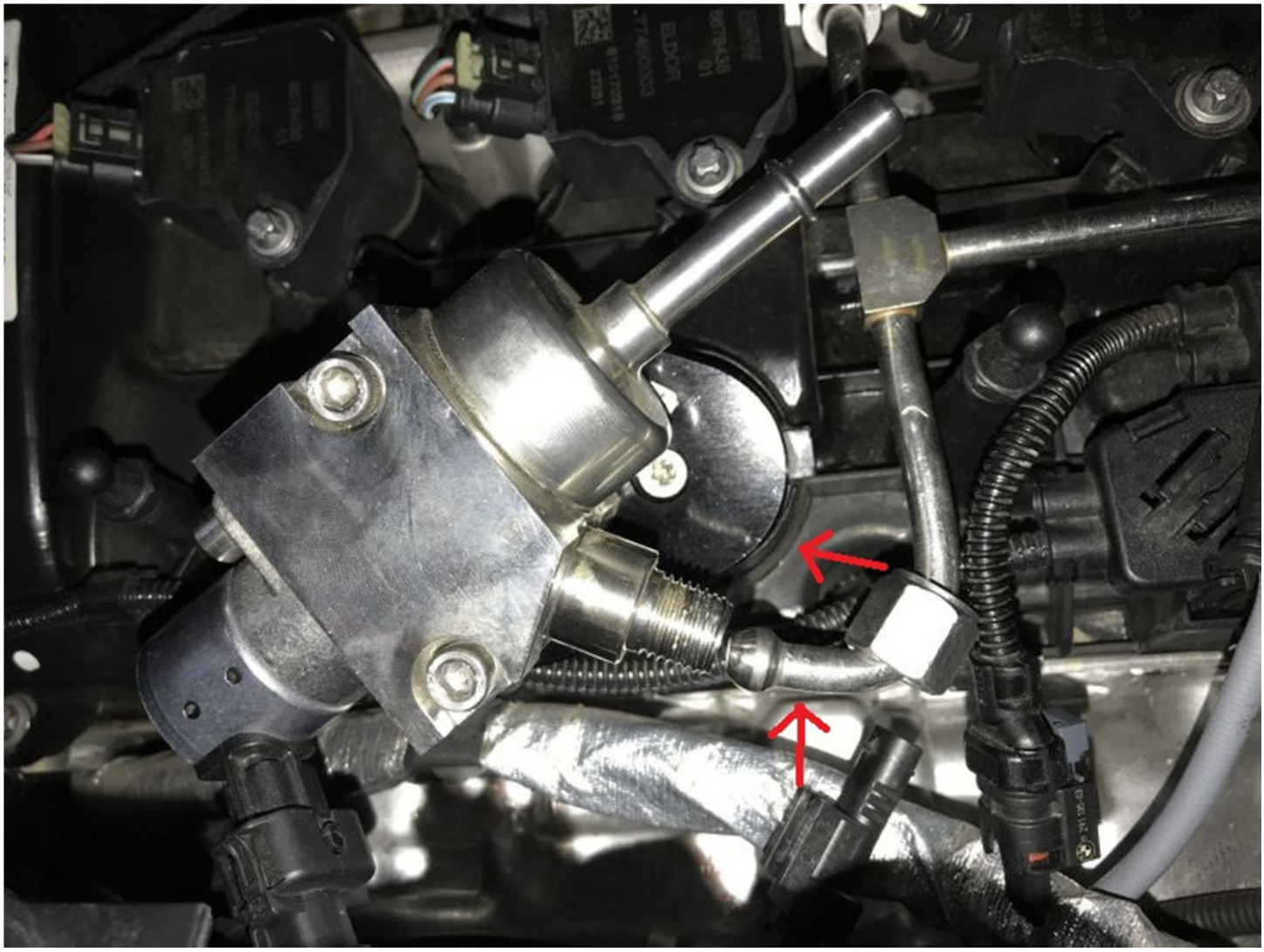


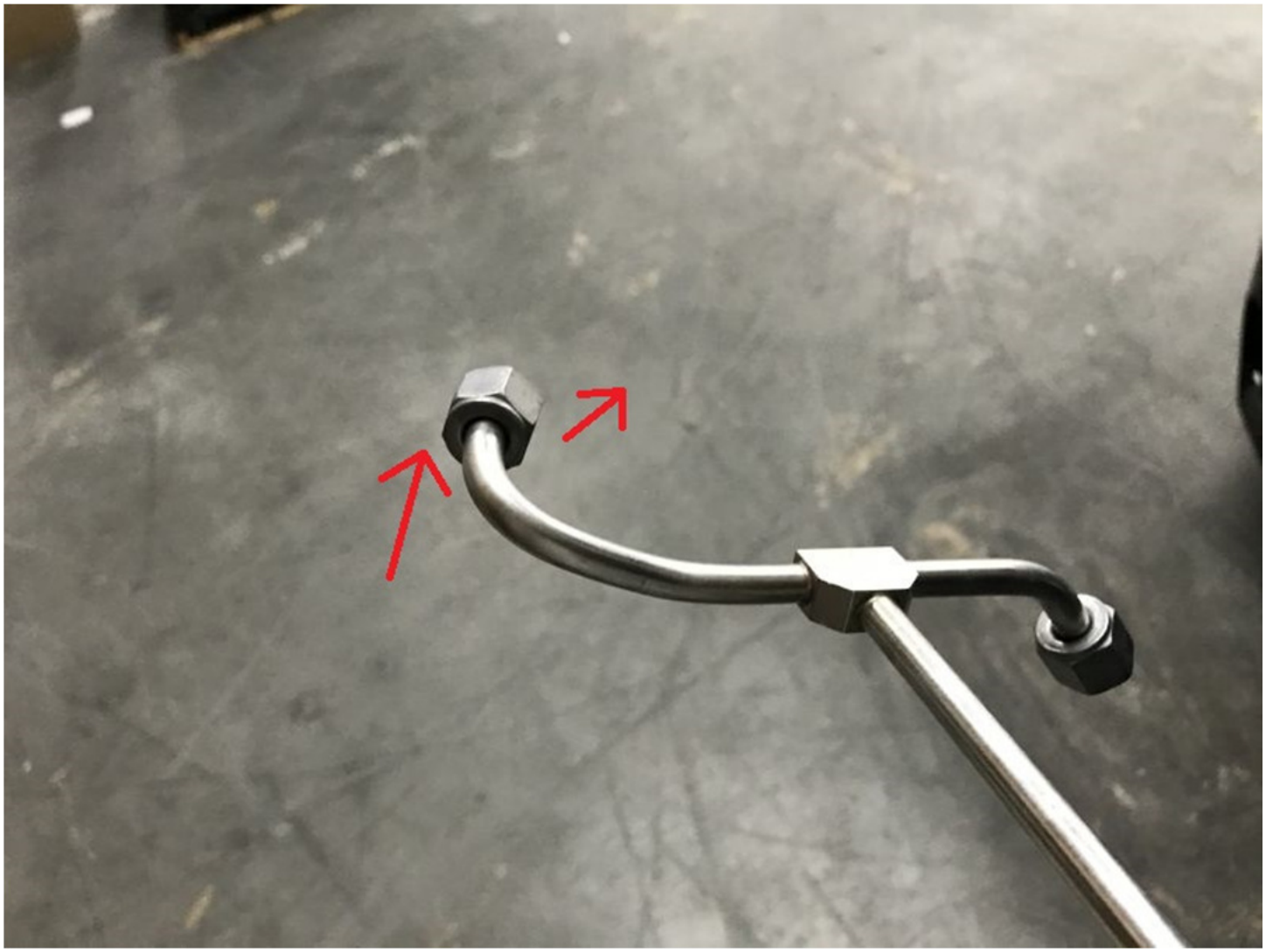
Place the billet adapter onto where the OEM HPFP sat and use the green center dowel to align it. Bolt it down using the given hardware. Once tightened, remove the center dowel.

Install the HPFP and make sure you are slowly and evenly tightening each bolt going back and forth. This step is very important as the spring is under load and any uneven tightening can lead to potential damage

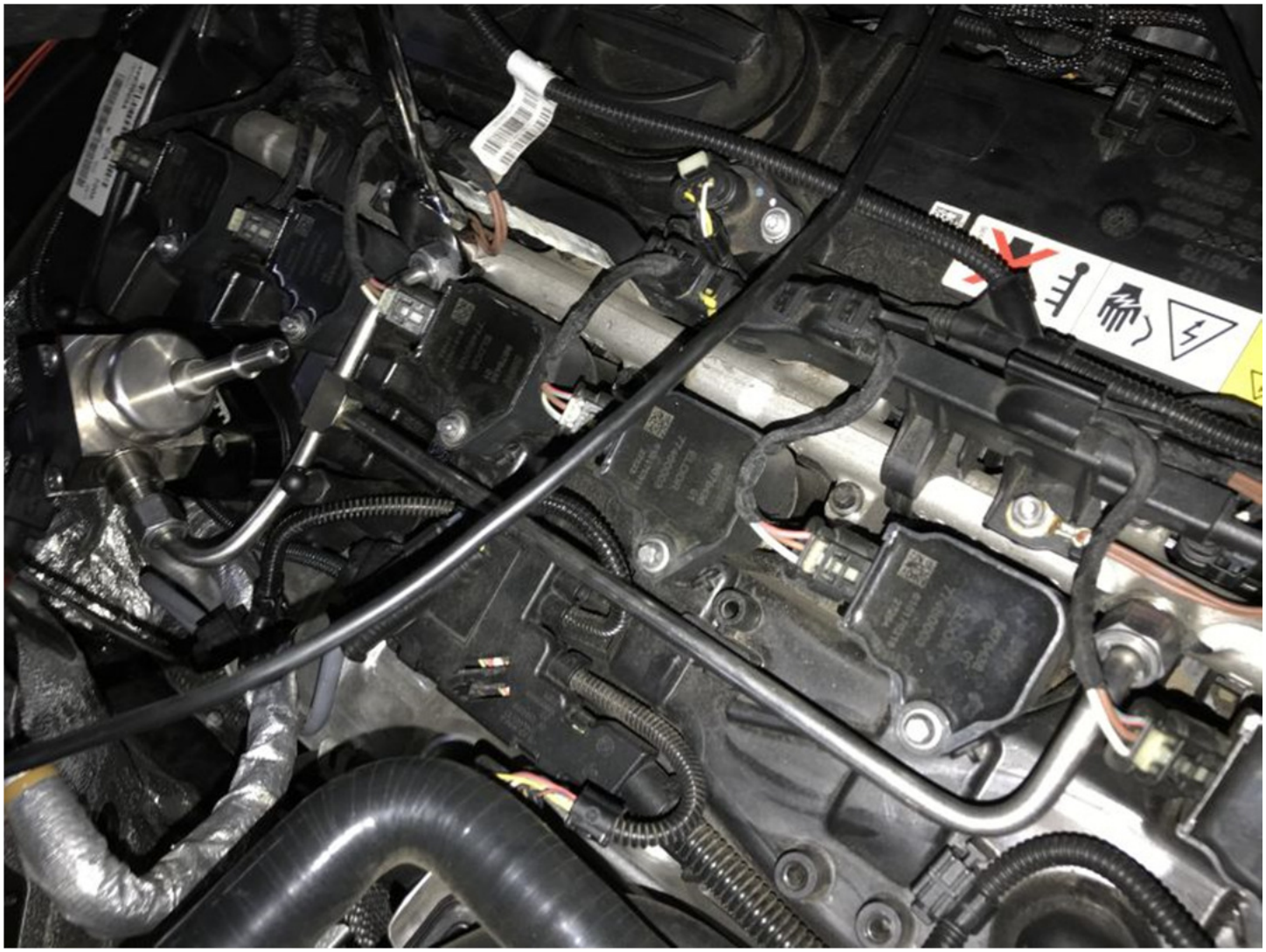
Clip in the provided electrical adapter to the HPFP.

The OEM hardline will need slight bending to adapt for the new upgraded HPFP.
Once the hardline is installed onto the fuel rail, it will sit right under the HPFP.
You will need to bend the hardline up and over to the pump, then attach the nut.



The bent line should look like this.

There are several techniques to bend the line but we use the simple wrench technique shown below. Just work slowly to adjust the angle.

Once lined up tighten all nuts / fuel lines



Install the LPFP line by attaching the straight quick connect to the OEM male side and the 90* quick connect fitting onto the fuel pump inlet. Connect the OEM harness to fuel pump adapter and tuck away.

Trim the sound deadening foam as needed to fit back in place.

Prior to installing the engine covers we suggest flashing the ECU for the higher pressure pump (select Stage1 or Stage2 as a flash time option), and then starting vehicle, to visually inspect for any leaks. Assuming everything looks good turn the engine off, reinstall the covers, and installation is complete!