FMOC16 Fitting Instructions

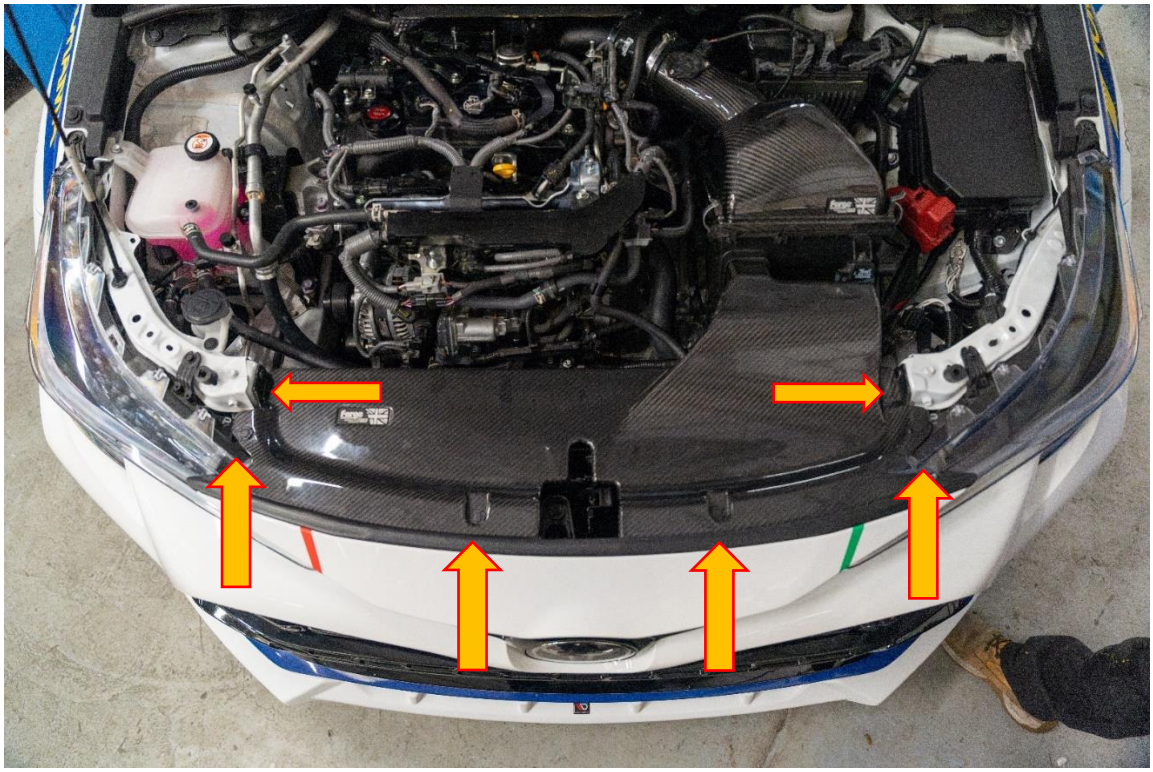


Please thoroughly read through and familiarise yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

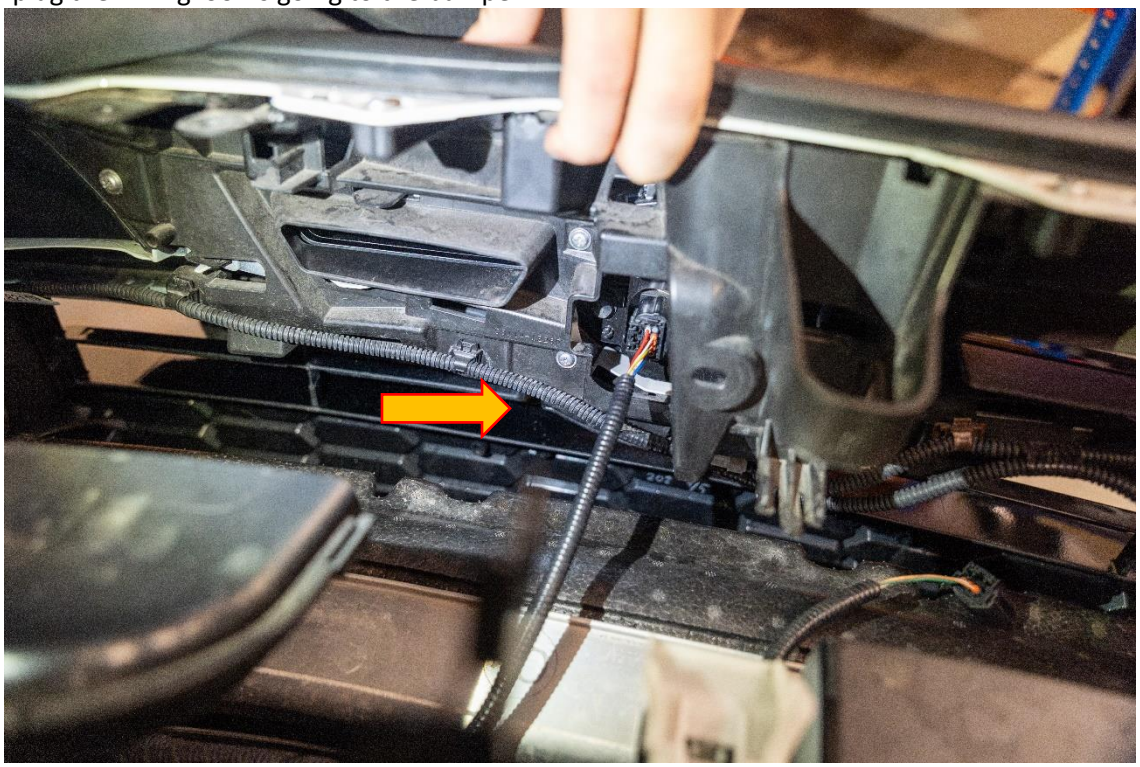
TOOLS NEEDED:

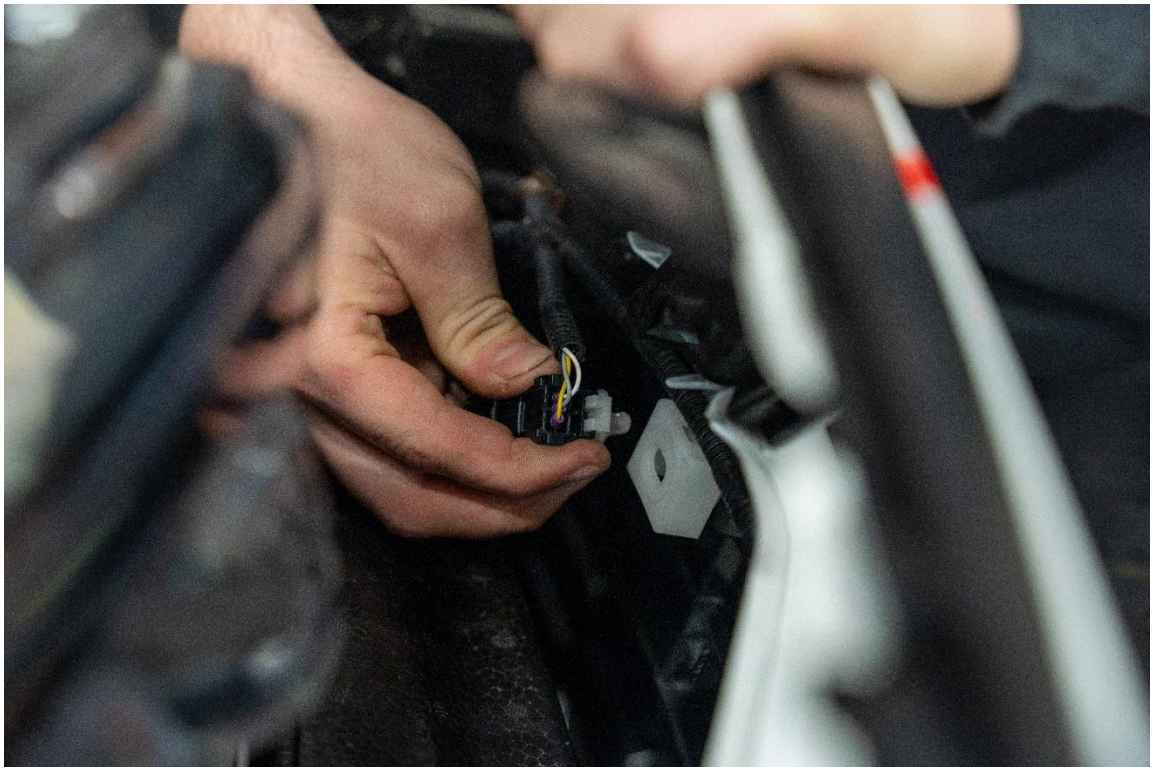
Flat blade screwdriver or trim removal tool
7/8/10/12/26 Sockets and suitable Ratchet Drive with extension
5mm Allen key
10mm spanner
Adjustable spanner

1. Park the vehicle securely, then open the bonnet and locate the 6X plastic fastener. Use a trim tool or flat blade screwdriver to remove the plastic fasteners.

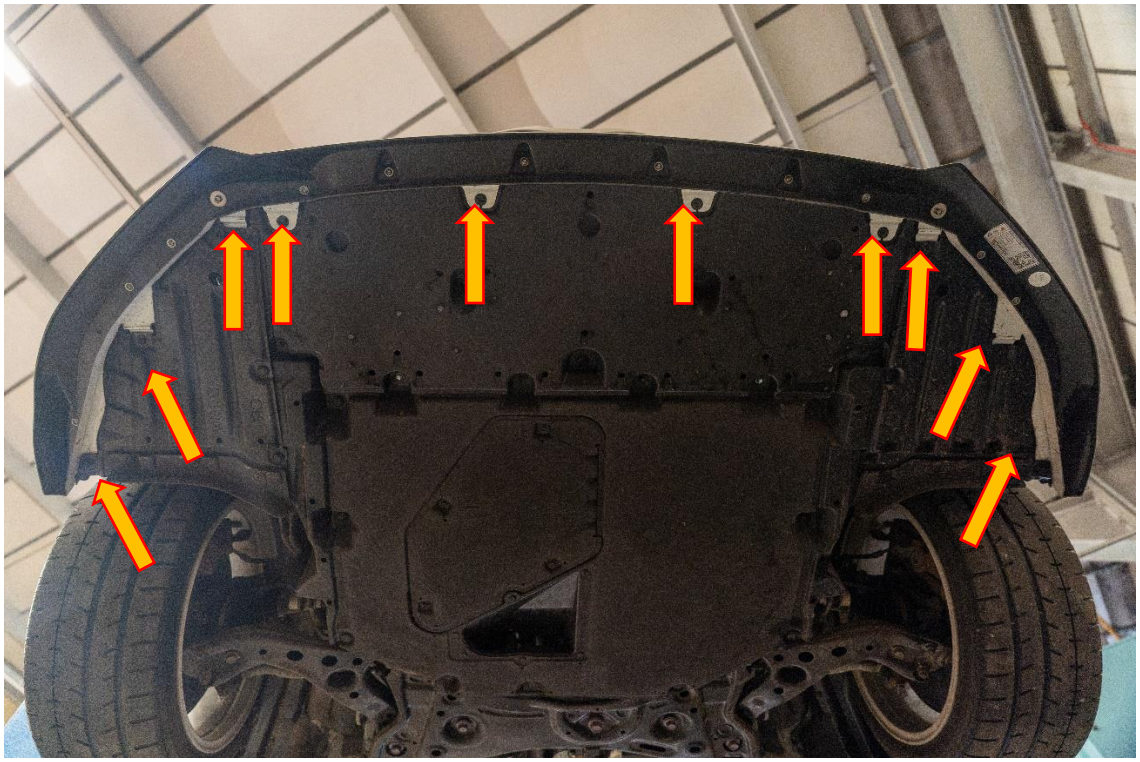


2. Un-plug the wiring looms going to the bumper.

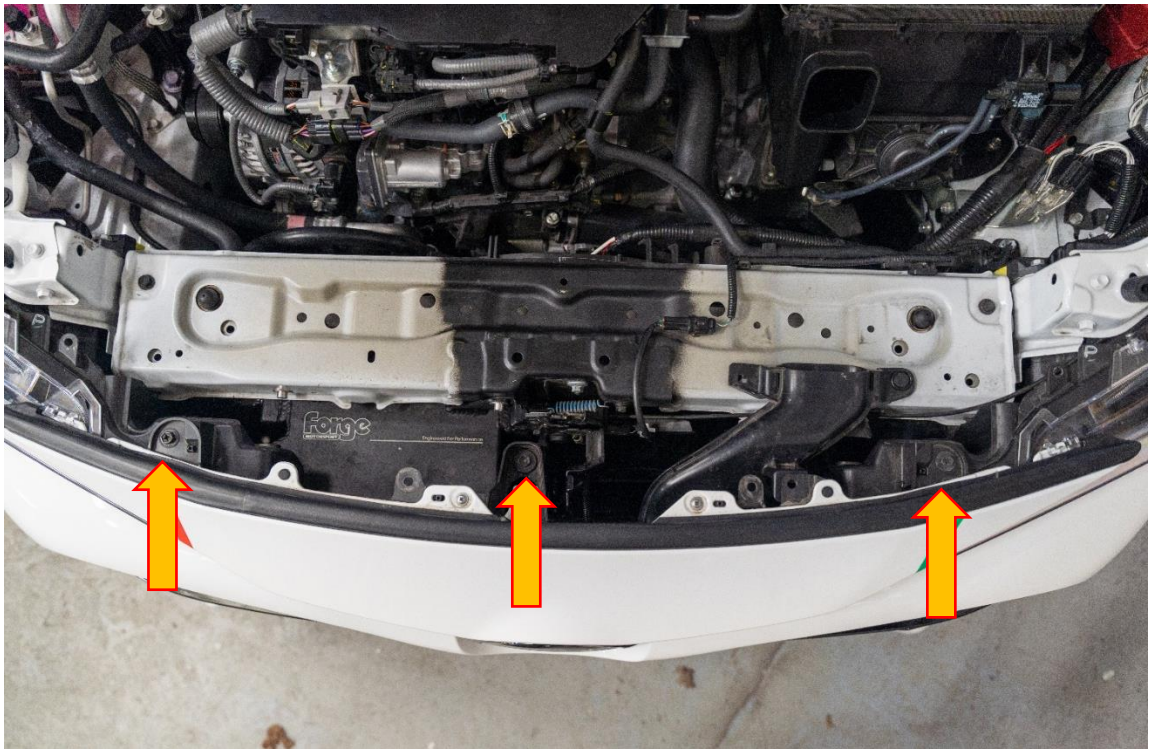




3. With the vehicle raised from the ground, looking up from below use a 10mm socket and ratchet to remove 10 X M6 fasteners at the front of the bumper.



4. Using a 10mm socket and suitable drive remove the 3 M6 fasteners shown.



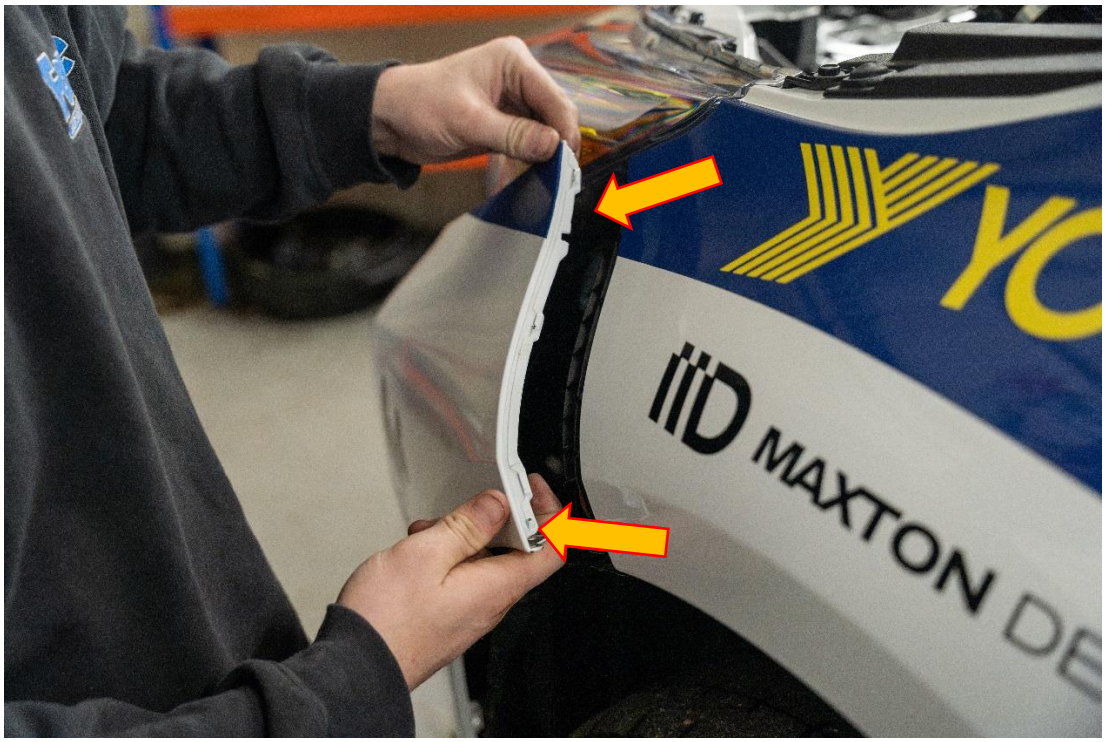
5. Using a Phillips screwdriver and a flat head screwdriver, remove the pop clips from the inner wheel arches, there is 3 on each side.



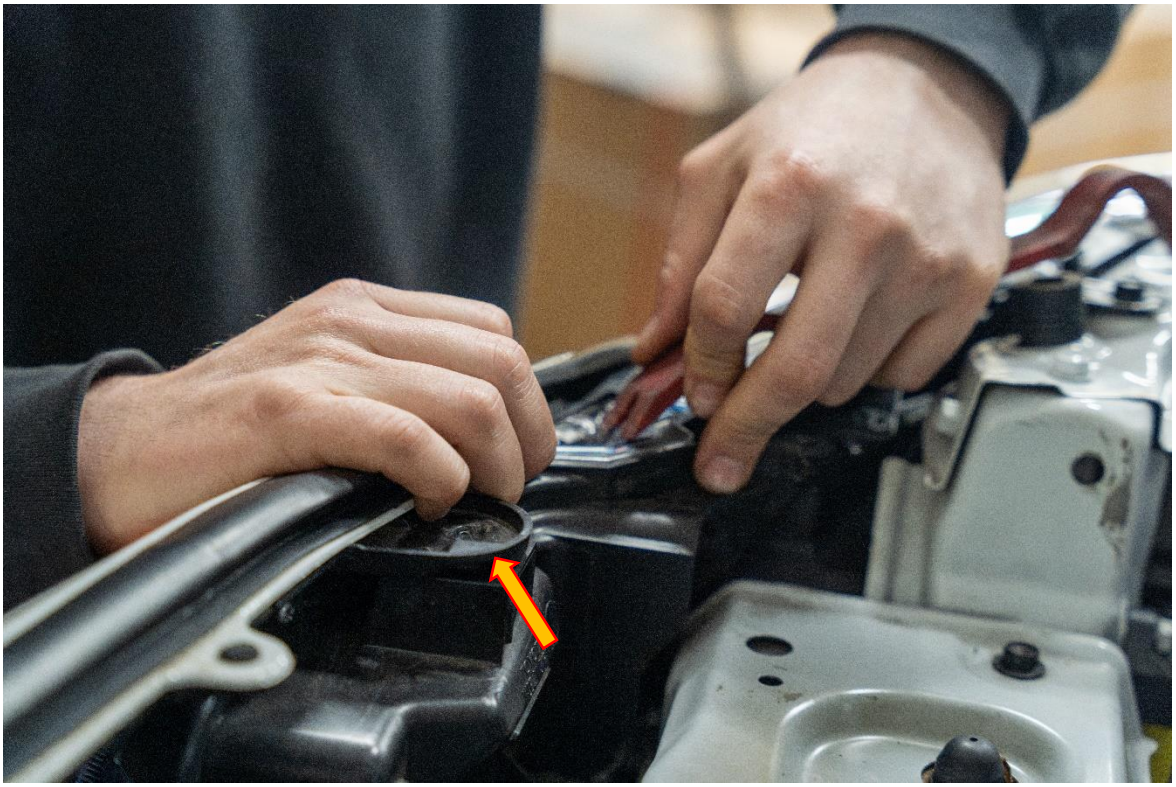
6. Using a plastic trim tool or flat blade screwdriver press the tab in the centre of the splash guard retaining clips.



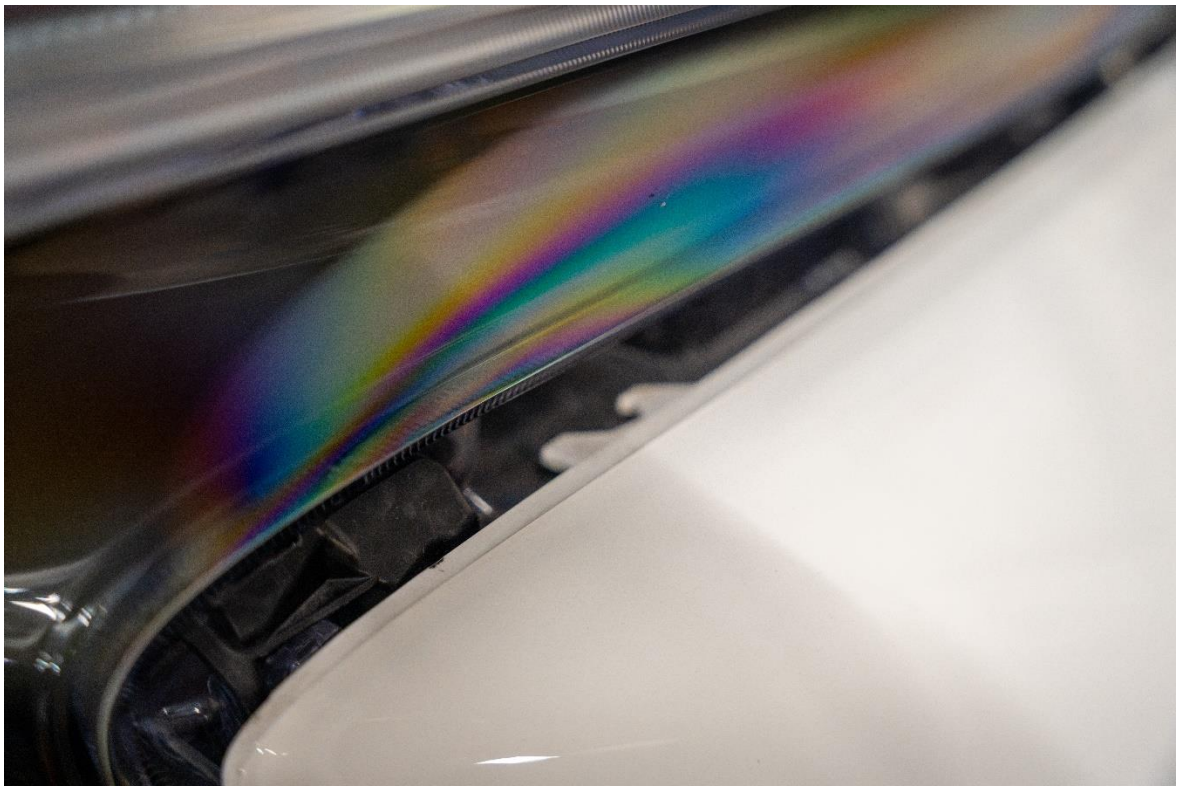
7. You can now pull each corner of the bumper away from the car.



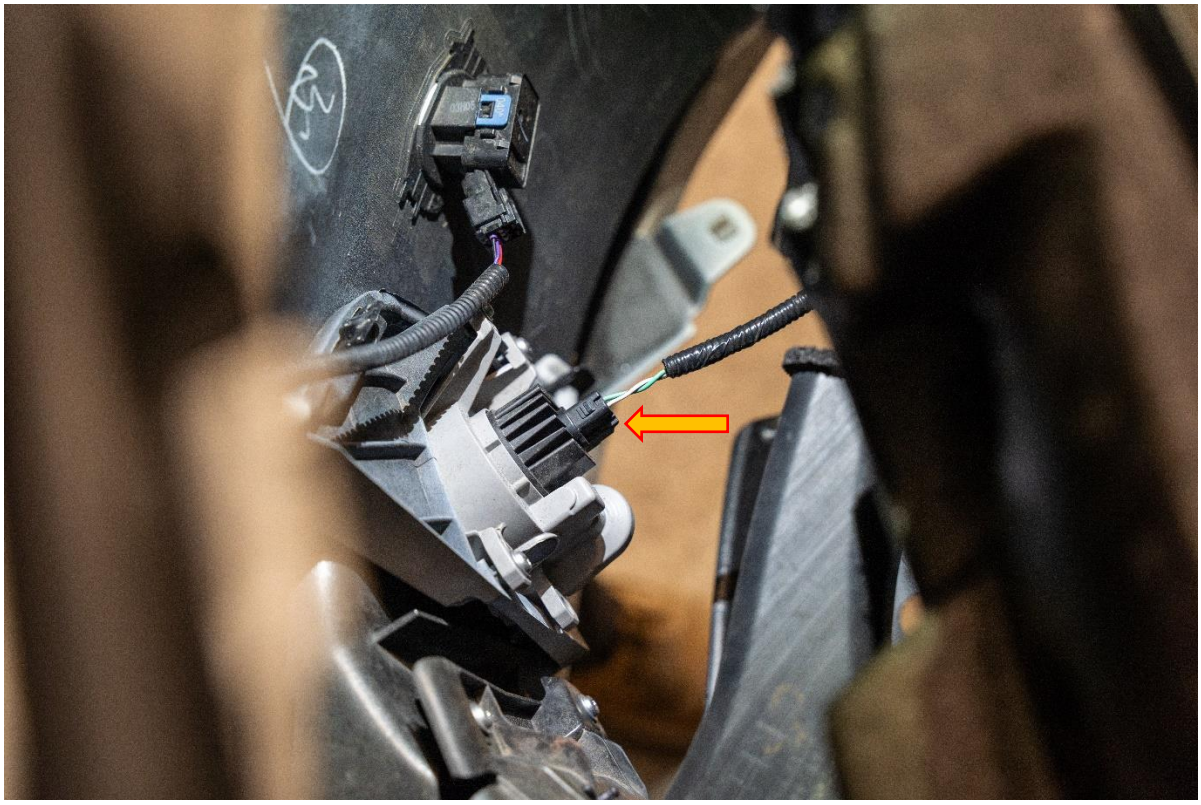
8. Using a plastic trim tool push down on the clip and pull up on the black tab arrowed and pull the bumper away from the car.



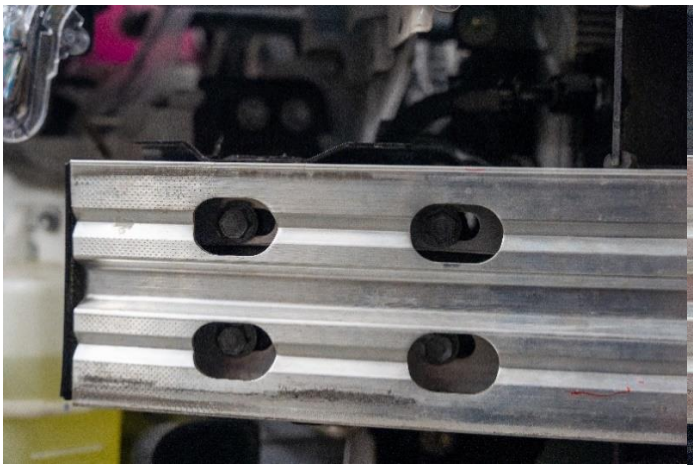
9. Pull the bumper away from under the light as there is a clip there.

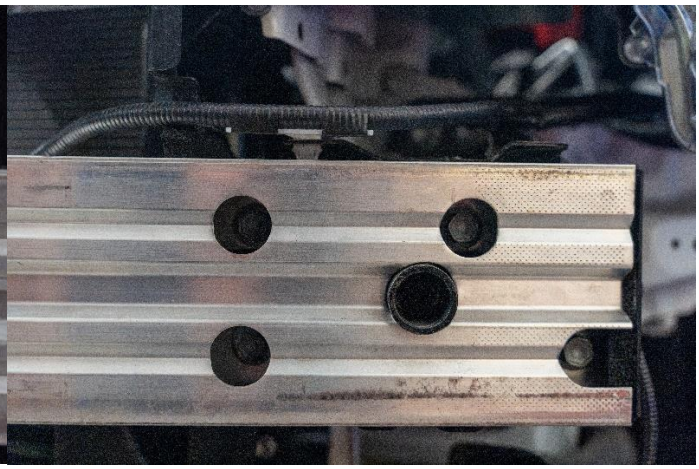


10. Disconnect the connector for the fog lights on either side of the bumper. Then the bumper can be fully removed.

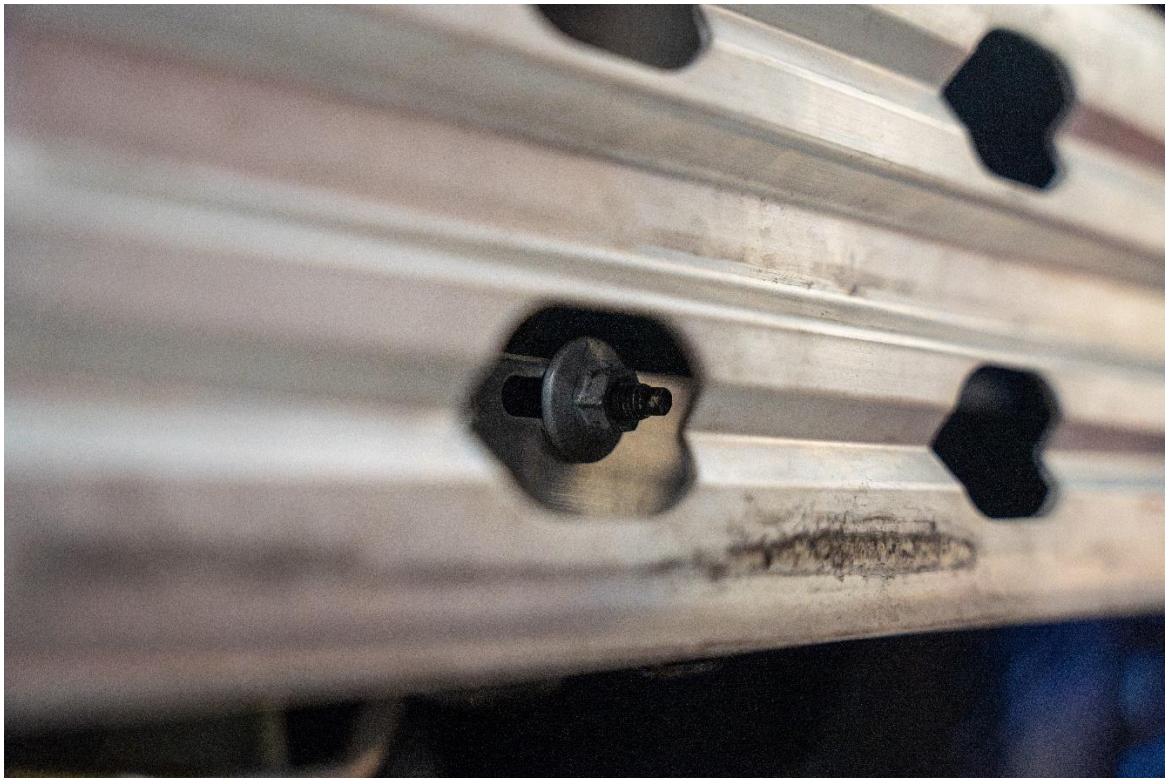


11. Using a 14mm socket remove the X8 Fasteners from the crash bar.

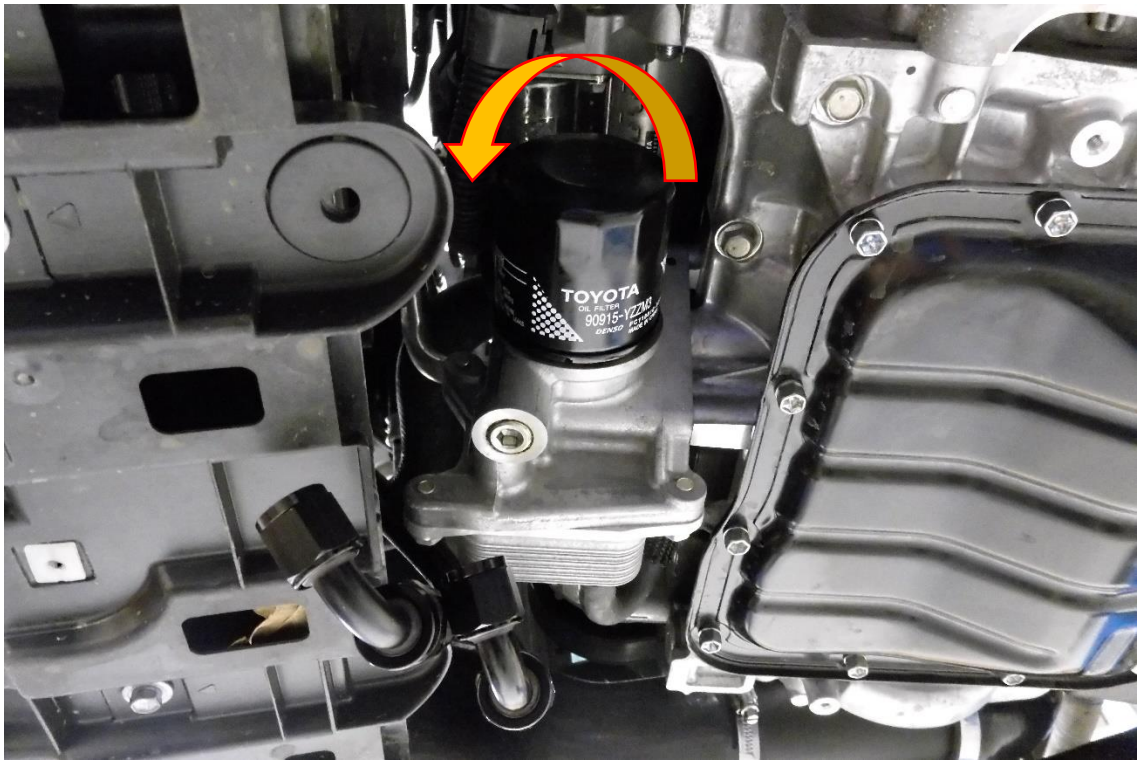




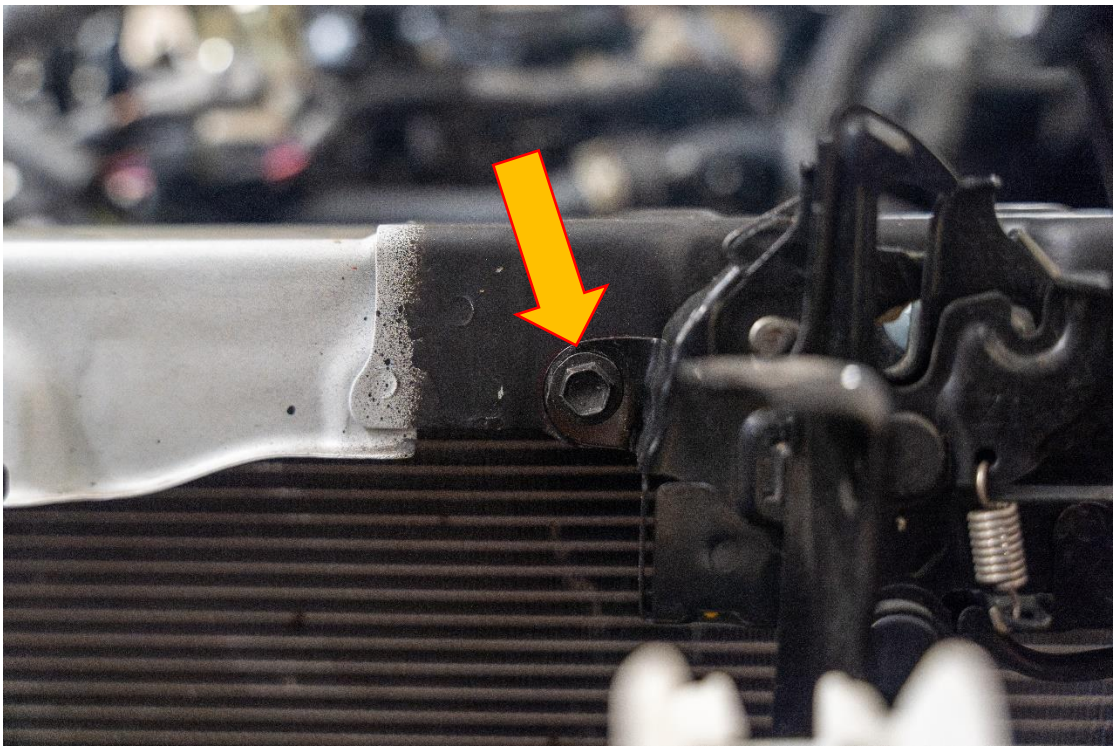
12. Using a 10mm spanner, remove the 10mm fastener from the crash bar, you can remove the plastic trim on the left side to access this. You can now remove the crash bar.



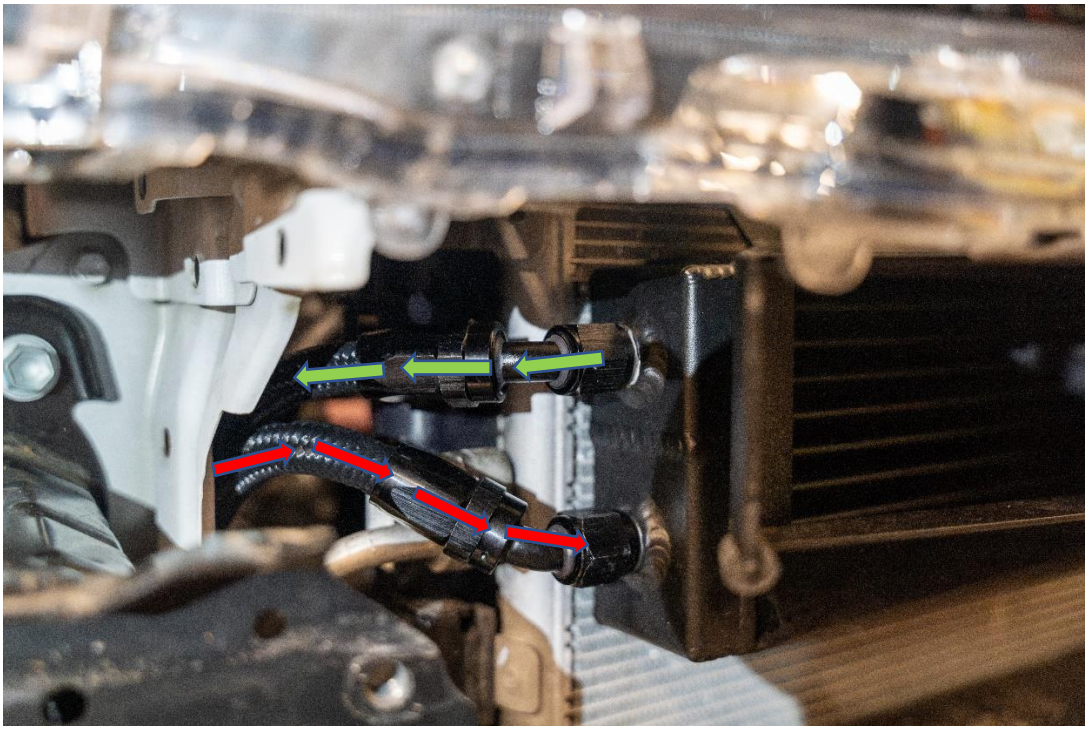
13. Placing a container underneath the car to catch the oil contents. Turn the oil filter anti clockwise, you can generally do this by hand.



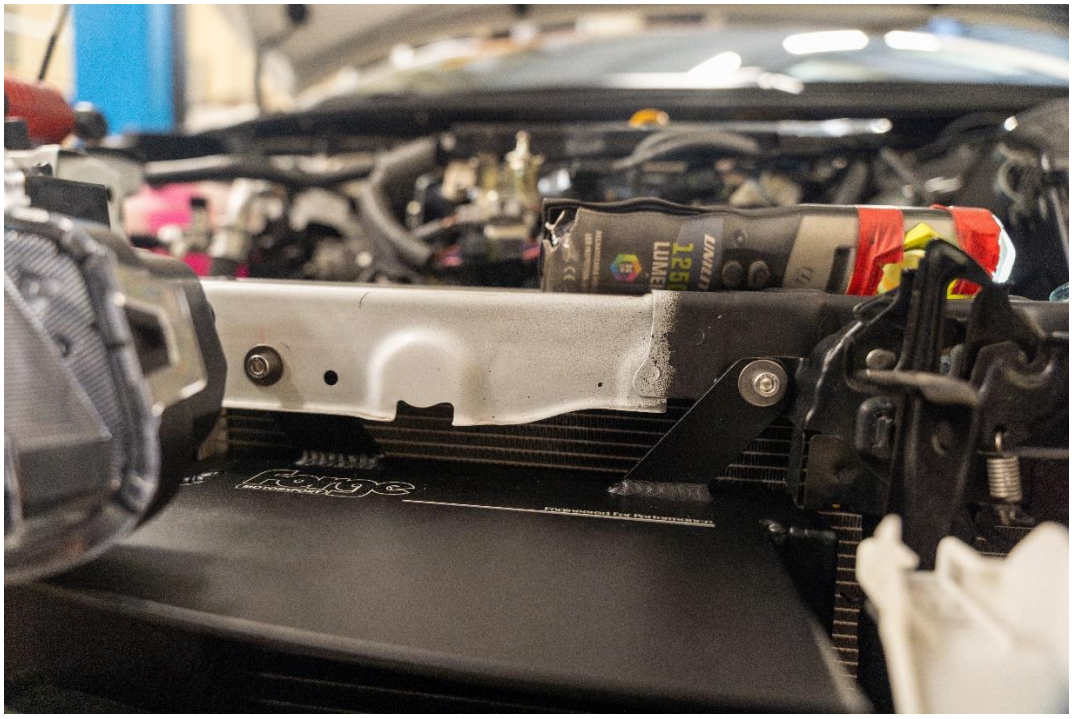
14. Using a 10mm socked and suitable drive, remove the fastener shown from the bonnet latch.



15. Using a 22mm spanner attach oil lines to the oil cooler and feed the lines as shown.



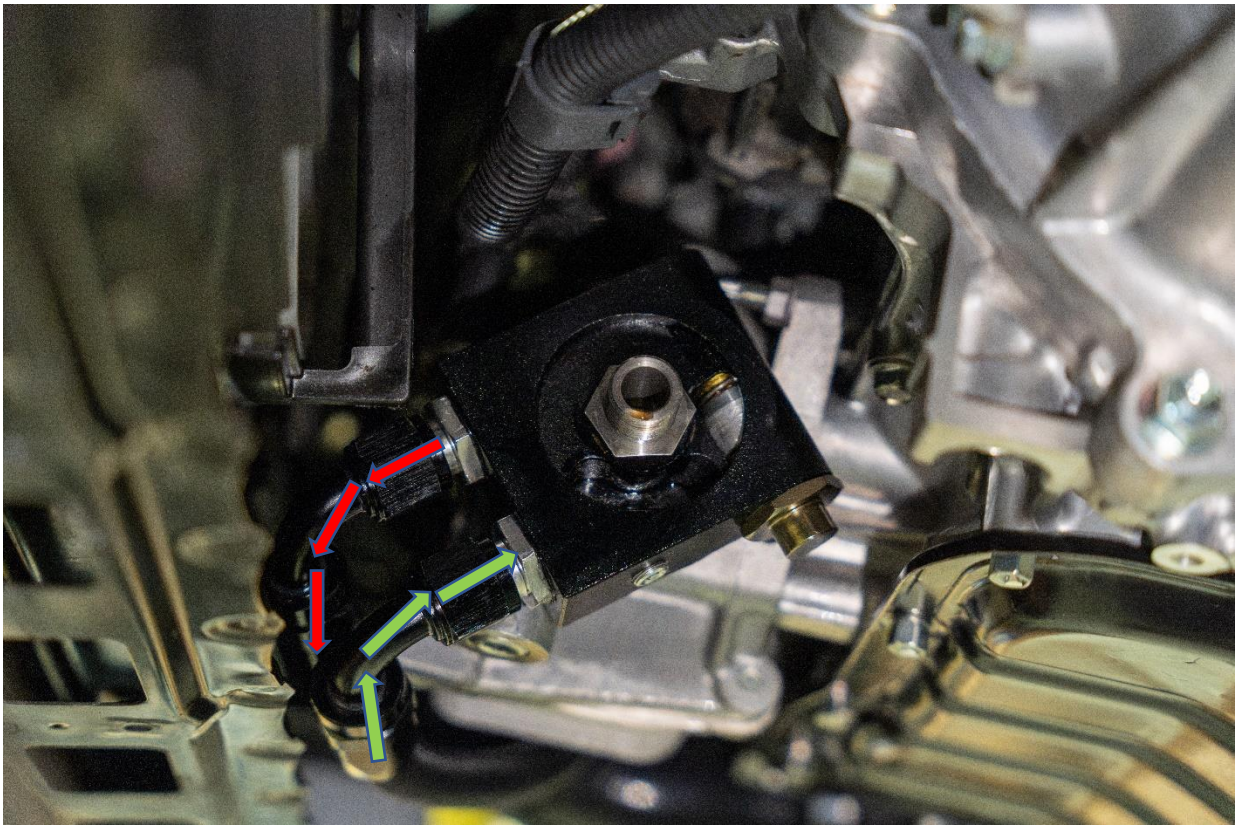
16. Using a 5mm Allen Key and supplied fasteners, fit the oil cooler onto the top of the slam panel as shown.



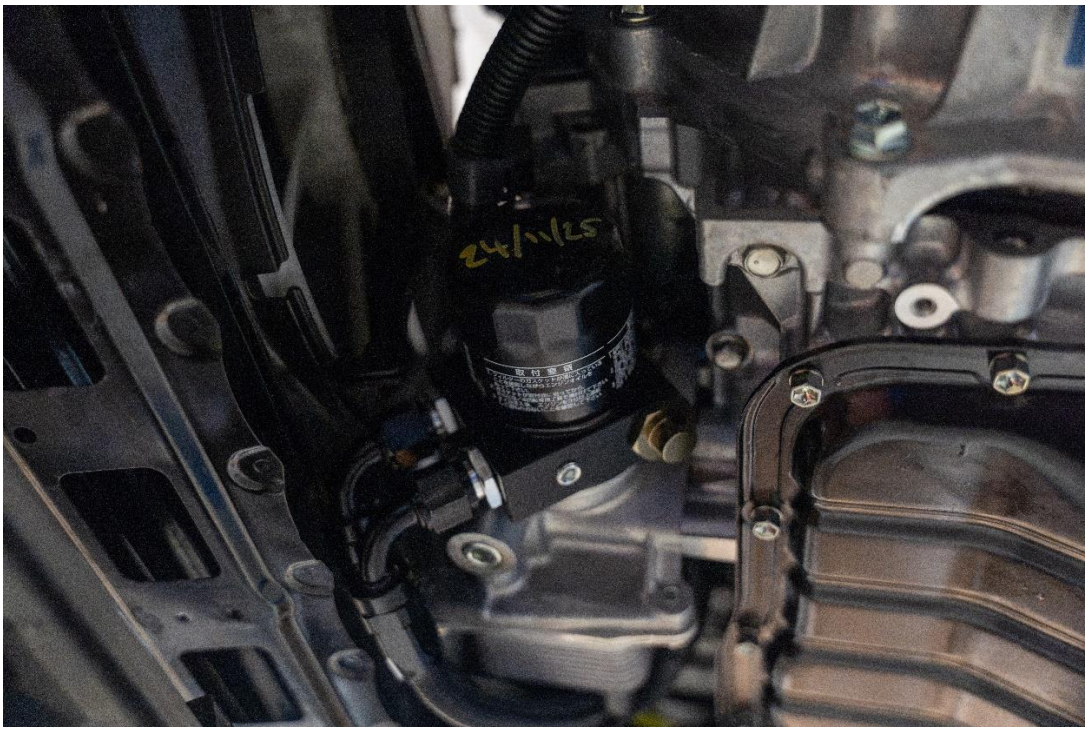
17. Make sure everything on the sandwich plate is tight.



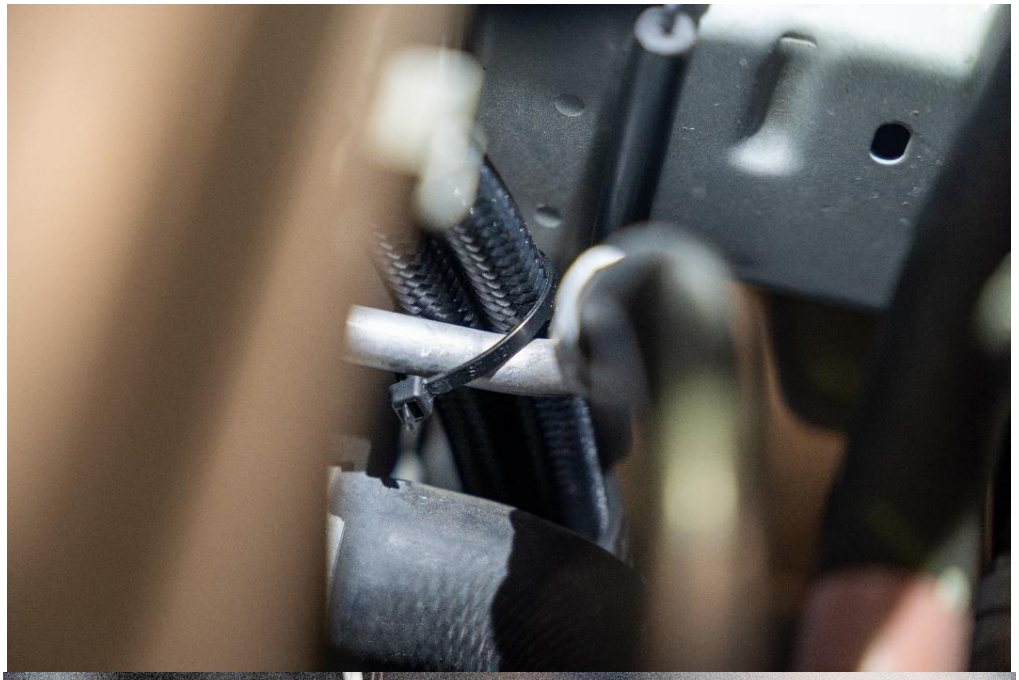
18. Using a 26mm socket fit the sandwich plate fittings and onto where the oil filter originally sat as shown and fit the lines using a 22mm spanner. the oil lines have coloured arrows to help navigate this.

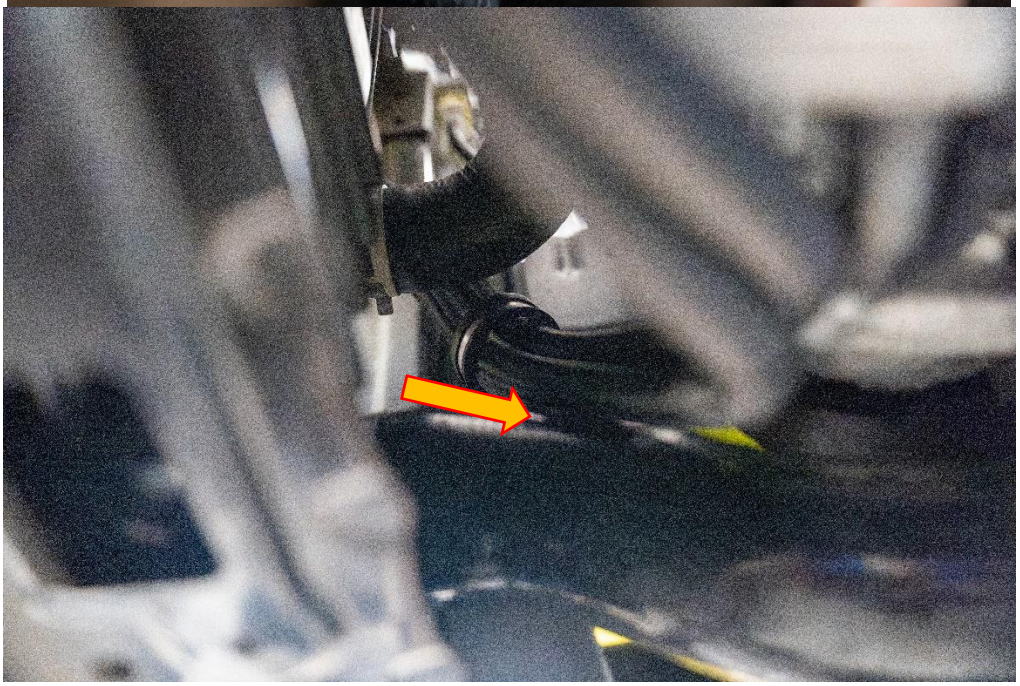


19. Refit the oil filter onto the sandwich plate.



20. Using a 5mm Allen key and 10mm spanner, fit the P clip with the supplied fastener around the oil lines as shown in the picture above. Cable tie the oil lines away from any moving parts (auxiliary belt).





21. Give one final spanner check to make sure everything is tight.

22. Run the vehicle up to temperature to check for any leaks.

23. Now follow steps 12 – 1 in reverse.

Check out www.forgemotorsport.co.uk
and www.forgemotorsport.com
For a full range of performance products for your vehicle.

If you have any questions or concerns about this product
or anything else, please feel free to contact your local or preferred
Forge Motorsport Dealer/Installer or you may contact us directly.

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Important Information Regarding Your New Forge Cooling Product

Thank you for purchasing a Forge Motorsport cooling product. You now have a product that simply leaves the competition behind – made in Great Britain, with a lifetime warranty. All you need to do now is install and maintain the product correctly to maximise its full potential.

All Forge products are tested before leaving our facility to ensure you 100% satisfaction and reliability.

General information and care for your Forge cooling product:

- On installing your intercooler/radiator, be sure that all hose clamps and fittings are tightened to prevent any leakage.
- Ensure that the intercooler/radiator and the associated plumbing components are not rubbing on any body parts. This can cause premature failure and warranty invalidation from Forge.
- Do not use any car cleaning products, particularly traffic film remover solutions or shampoos to clean your intercooler, radiator or oil cooler. The use of these products can damage the Forge cooling systems and invalidate your warranty.
- Any cleaning should be done with hot soapy water and well rinsed.
- We recommend that you should inspect your product on a regular basis for bent and/or crushed fins. Any bent fins should be carefully straightened to allow ambient air to pass through the core face.
- At the time of installing your Forge product, an approved coolant must be used and added to the coolant system. Be sure you never mix coolant and always use distilled water.
- On Forge Oil Coolers, please ensure all hose clamps and fixings are tightened and secured to prevent leakage.
- Do not exceed 9 bar (130 psi) rating on your oil cooler.

What should you do if a fault develops?

If you suspect that you have an issue, you should take your vehicle back to where the installation of your Forge product was carried out, or to a suitable and qualified tuner for investigation of the problem.

If you suspect that the problem has occurred due to faulty manufacture, please contact your Forge dealer or Forge Motorsport UK, Forge Motorsport USA or Forge Motorsport Asia, depending on your geographical location, to discuss the issue.

How to get the Best from your Forge cooling products

- Ensure the fitting is carried out by a reputable and competent garage, tuner, or mechanic.
- Carry out regular visual checks, inspections, and servicing.
- Only fit the Forge cooling product for the application that it was designed for.
- Do not fit other parts that could detrimentally affect the efficiency of your Forge cooling product.



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