



BMW F80 M3/M4 CARBON FIBRE HIGH FLOW INDUCTION KIT



Please thoroughly read through and familiarize 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:

Hose Clamp Driver 6mm and 7mm

6mm and 2.5mm Allen Key

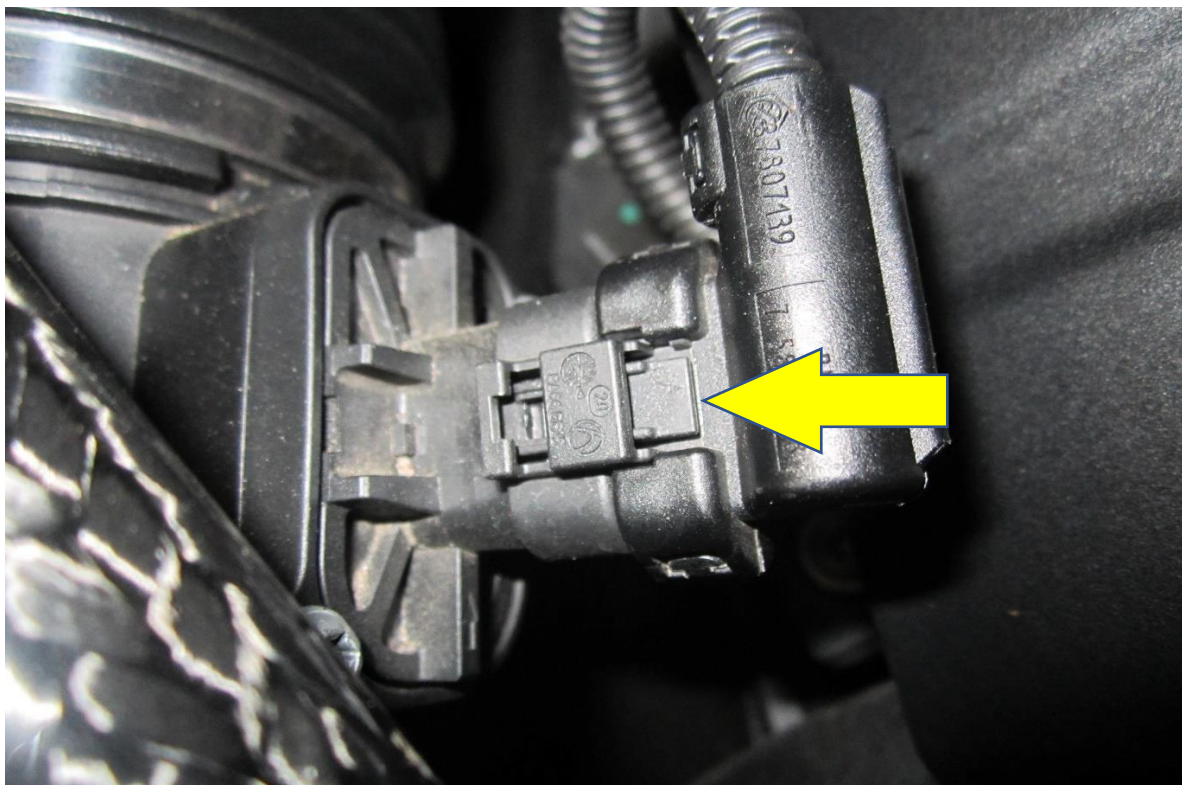
10mm and 8mm Spanner or Ratchet Trim

Clip Remover

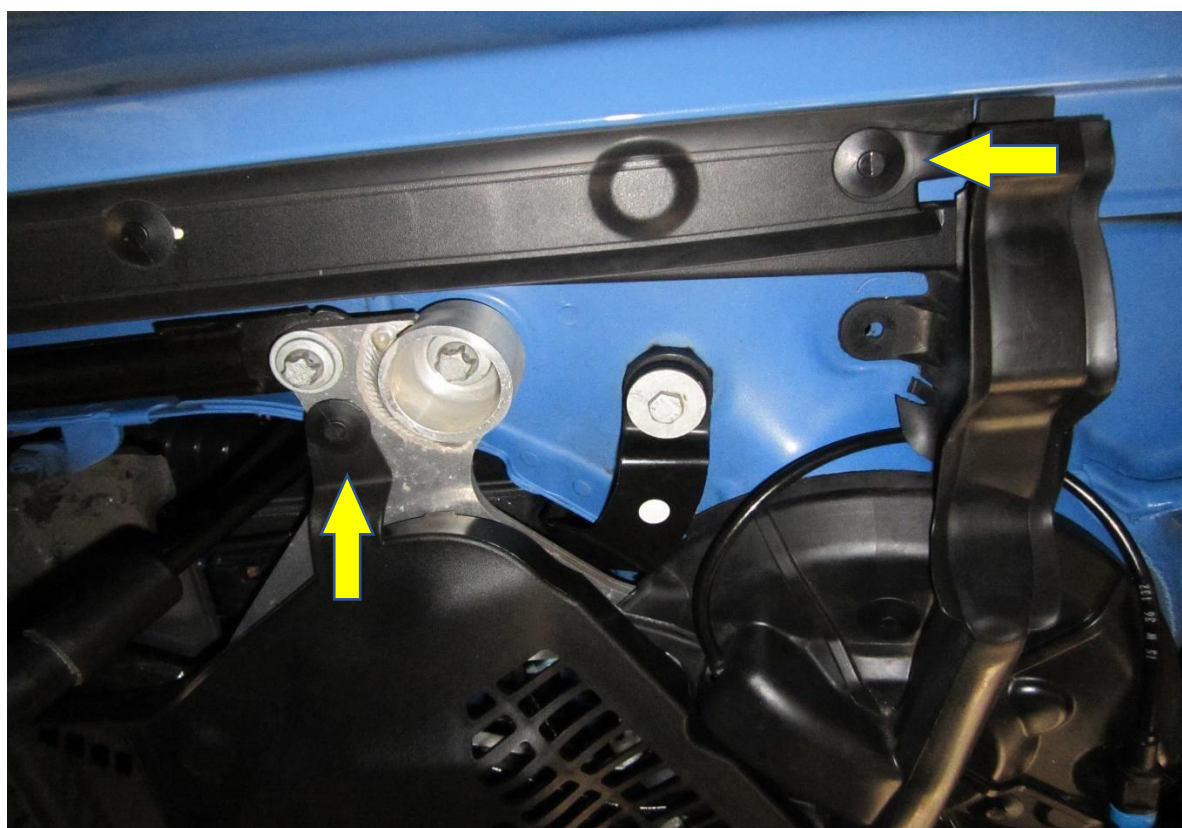
13mm Socket Drive and Spanner

1. Release the vehicles bonnet pull and raise the bonnet.

2. Disconnect the wiring loom to the MAF sensor on both intake pipes by pushing on the tab arrowed.



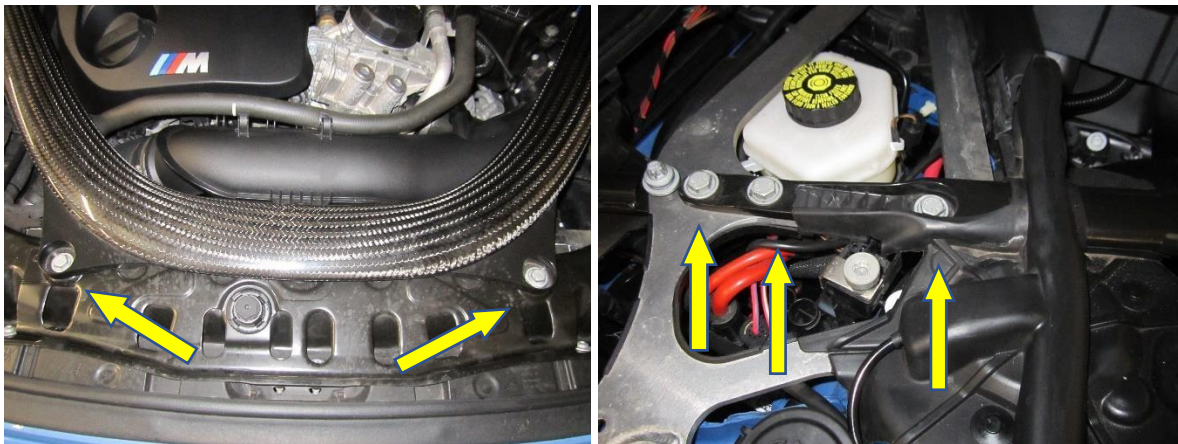
3. Remove the 2 trim clips on both sides of the vehicle as arrowed below.



4. On both sides of the vehicle, use a 10mm socket to turn the fasteners 180 degrees to remove the plastic covers.



5. Using a 13mm socket, remove the 8 fasteners that hold the strut brace in position.



6. Undo the 10mm fastener that holds the charge cooler expansion tank to the strut brace.



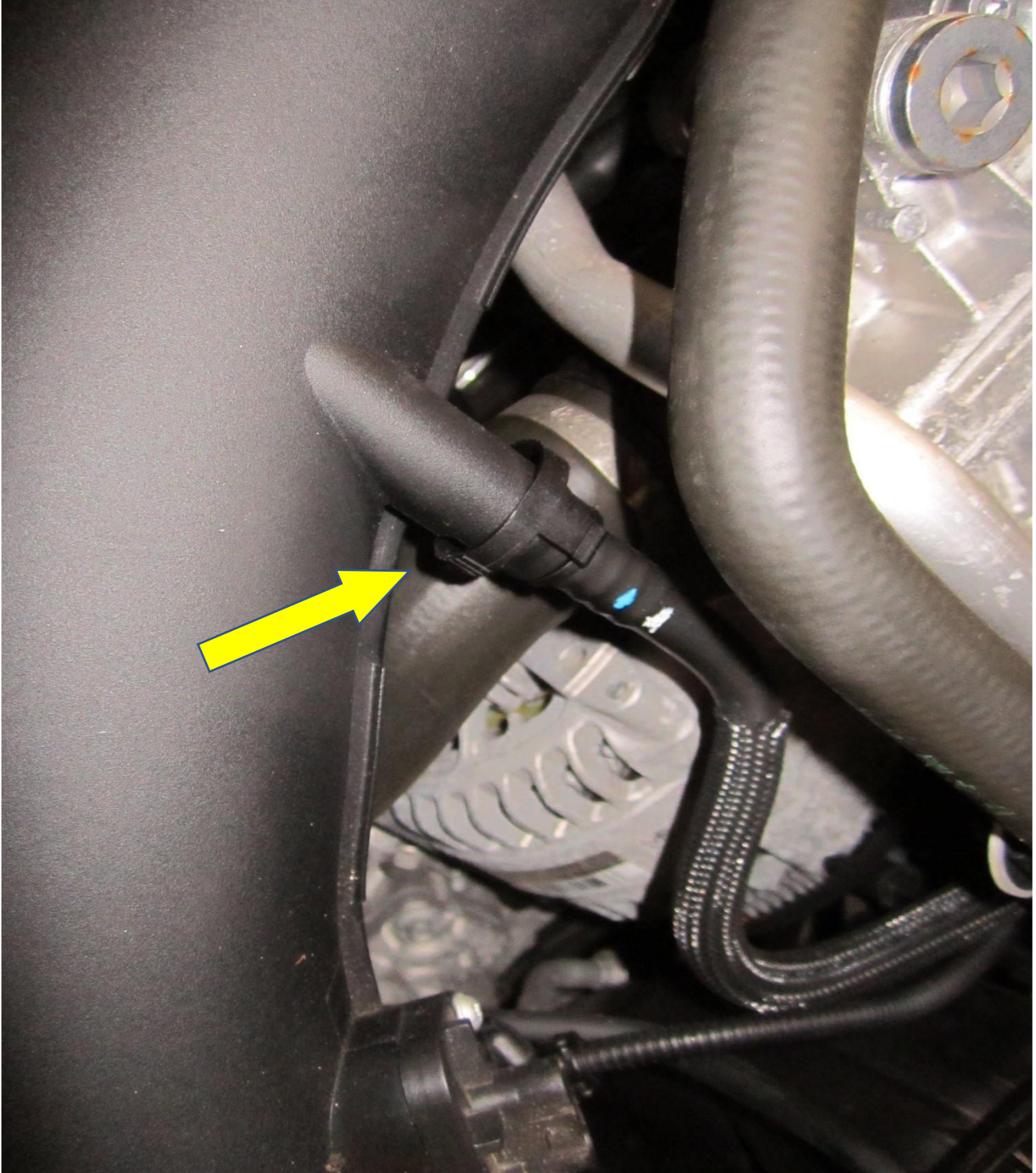
7. The strut brace can now be removed from situ.

8. Using a 6mm hose clamp driver undo the hose clamp that connects to the airbox on each side of the vehicle.

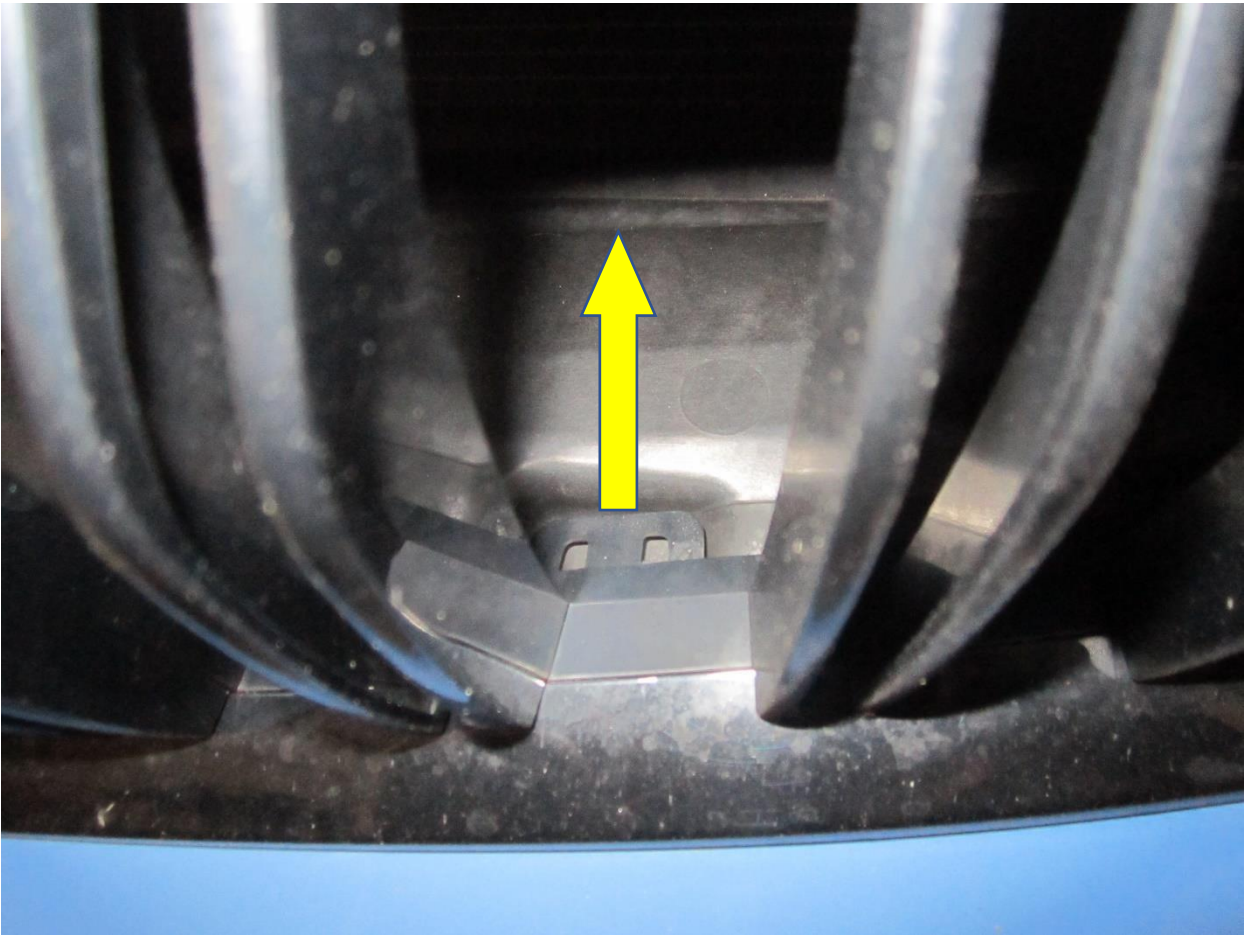


9. Both the airboxes can now be removed by pulling them in the upwards motion.

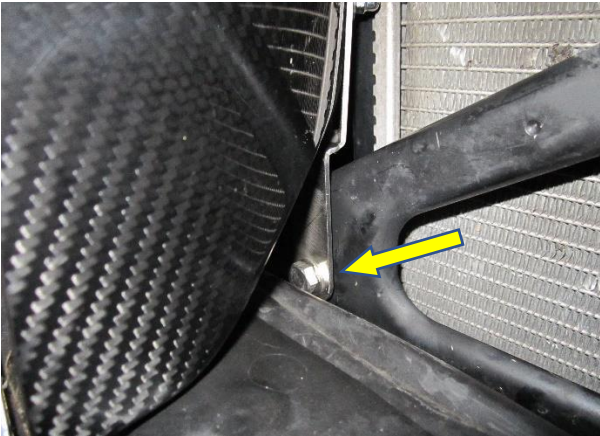
10. Disconnect the breather hose to the longer inlet pipe and then undo the hose clamp on the opposite end to where the airbox was in position.



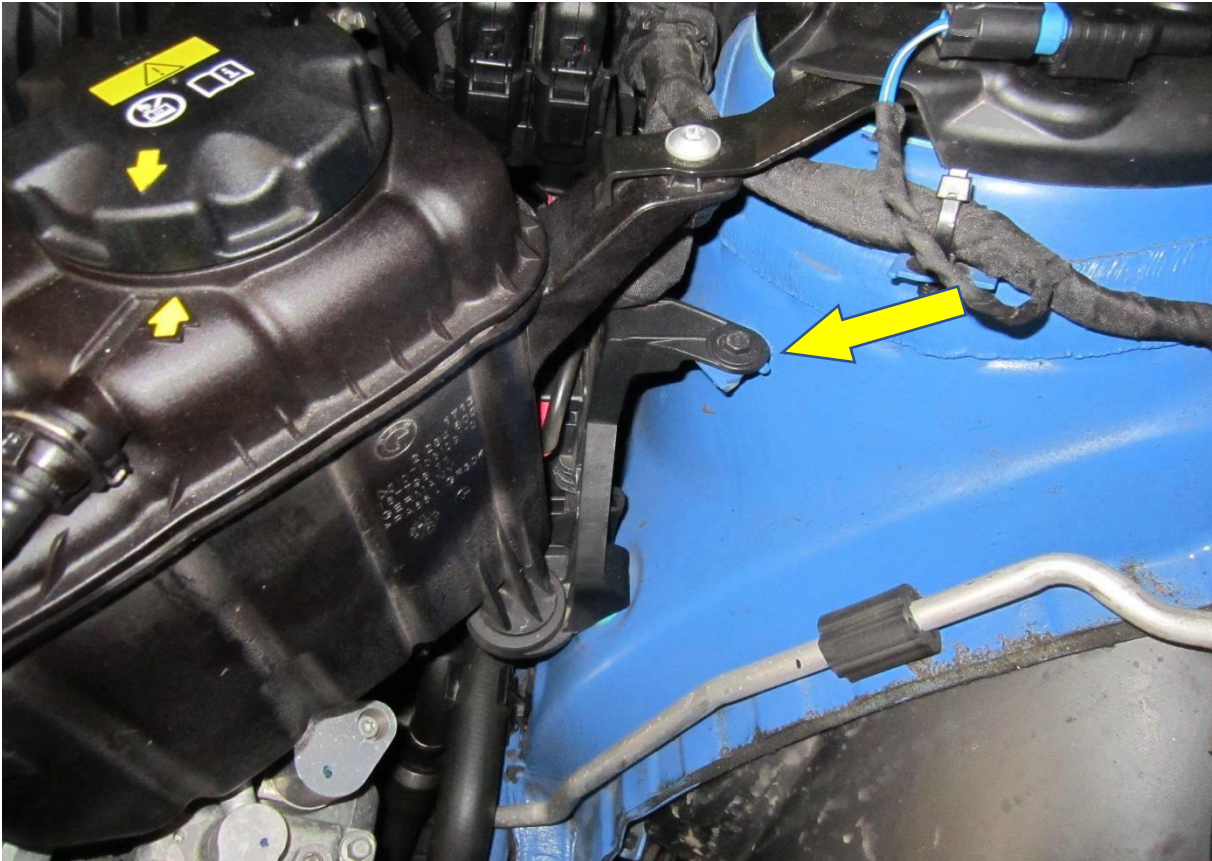
11. The longer inlet pipe can now be removed.
12. The front kidney grills must now be removed. There are 8 tabs behind the grills these must be depressed to enable the grill to be removed. Using your fingers, press each tab from underneath while pulling along the grill carefully.



13. With the kidney grills removed, the front air scoops can be bolted into position by using a 13mm spanner and a 8mm Allen key.

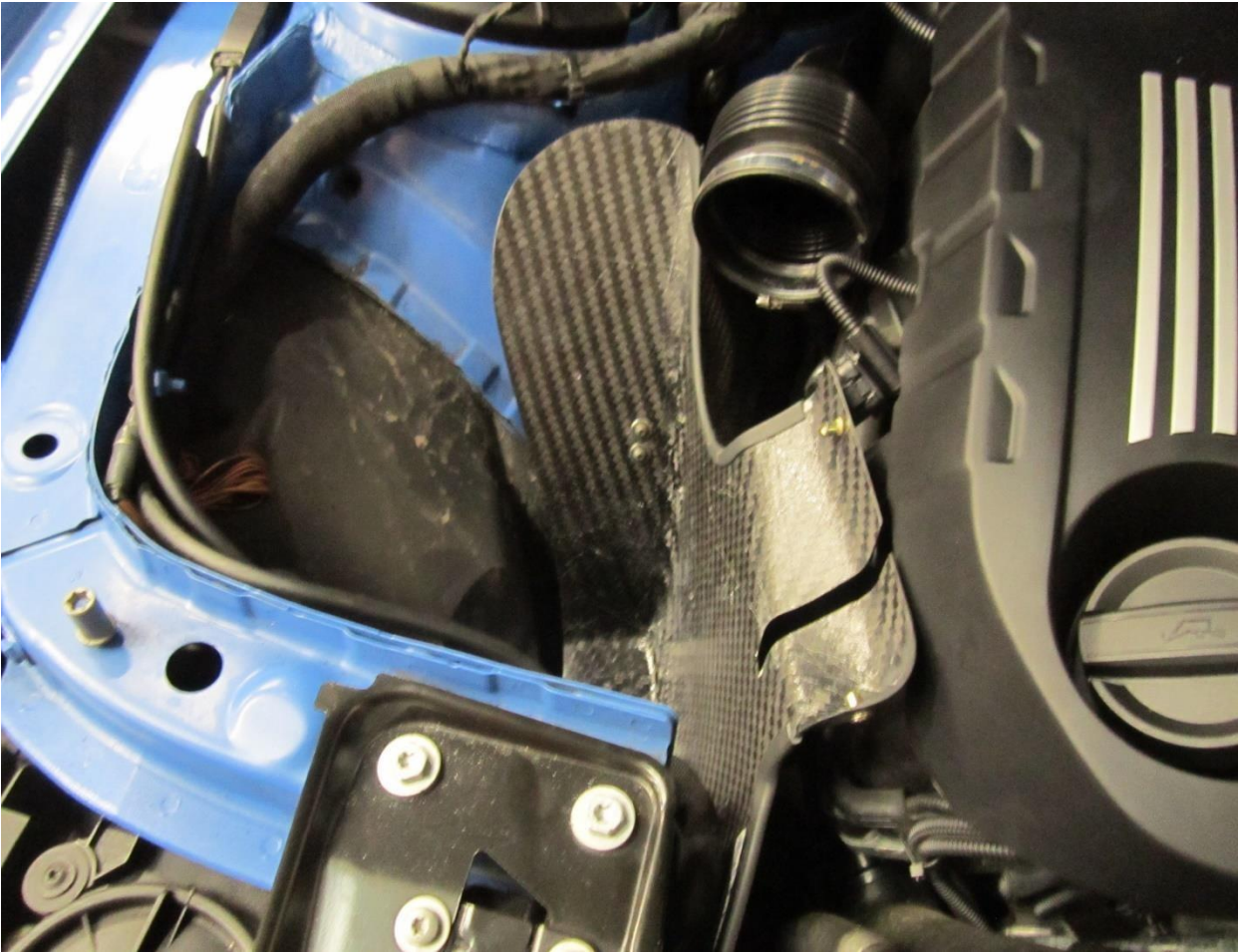


14. Remove the fastener arrowed below with an 8mm socket.



15. Place the carbon fibre heat shields into position and refit the fastener from step 14.

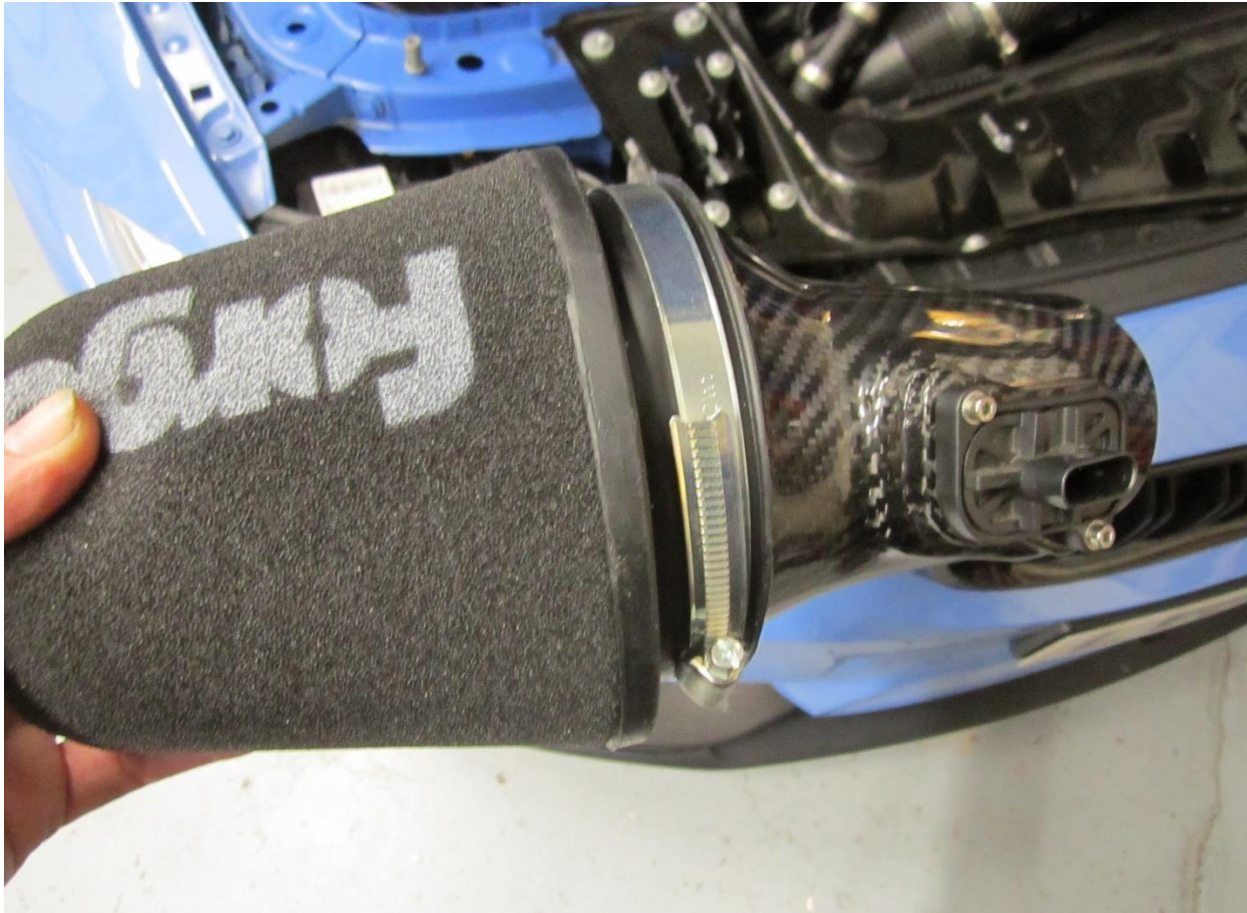




16. Remove the MAF sensor from the OEM plastic inlet pipe and fit into the carbon fibre inlet pipes with the fasteners provided.



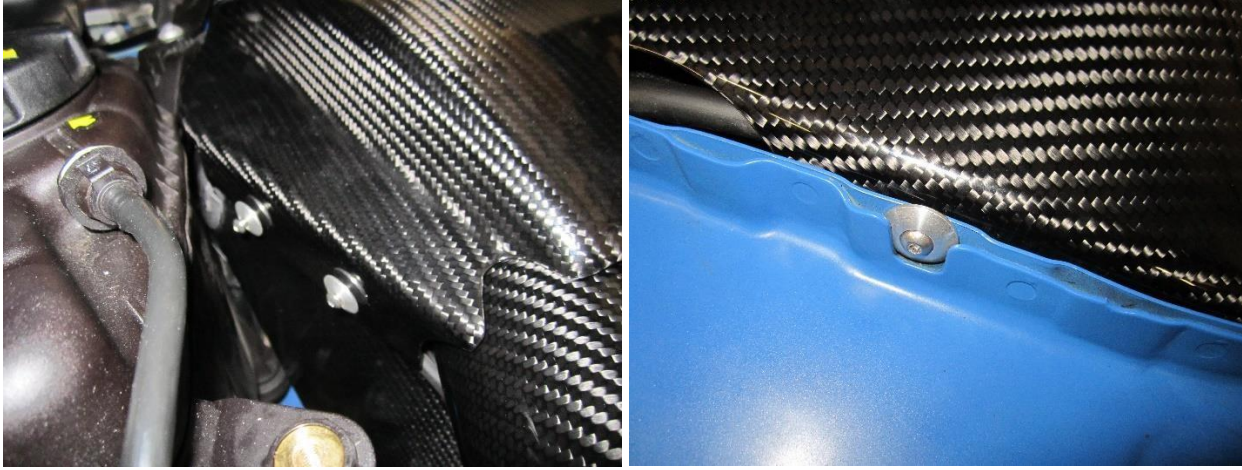
17. Fit the Forge performance air filters to the carbon fibre inlet pipes. Using a 7mm hose clamp driver, tighten the hose clamp. Please ensure not to over tighten the hose clamp as this could cause the carbon fibre to fail or fracture.



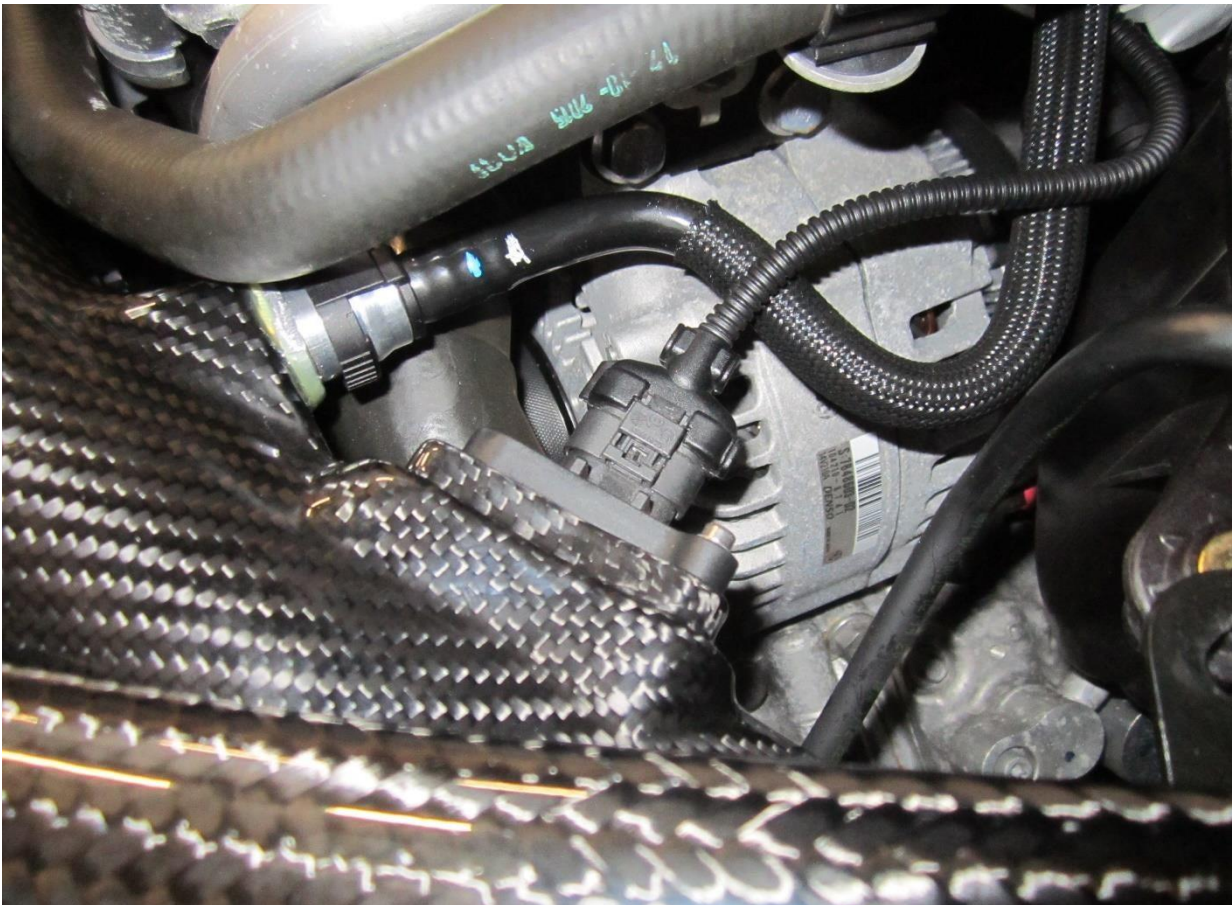
18. Fit the inlet pipes into position and tighten the hose clamps; again ensuring not to over tighten as this could damage or crack the carbon fibre.



19. Place the carbon fibre airbox lids into position then tighten taking care not to over tighten as this can damage the airbox lids.



20. Re-attach the air breather to the longer carbon fibre intake pipe.



21. Ensure the wiring loom is connected to both MAF sensors.

22. Follow steps 1-12 in reverse order to complete your installation.

23. Your vehicle is now ready for a test drive.

You may also be interested in these other Forge Motorsport products for the BMW M3/M4 available from your nearest Forge Motorsport dealer:

FMCCRAD6 - Charge Cooler Radiator FMBP1
- High Flow Boost Pipes
FMCC1- BMW M3/M4 Chargecooler
Braided Brake Lines Silicon Hoses

This is a small selection of products available from Forge
Motorsport for the BMW M3 and M4