



FMINDK31 Fitting Instructions

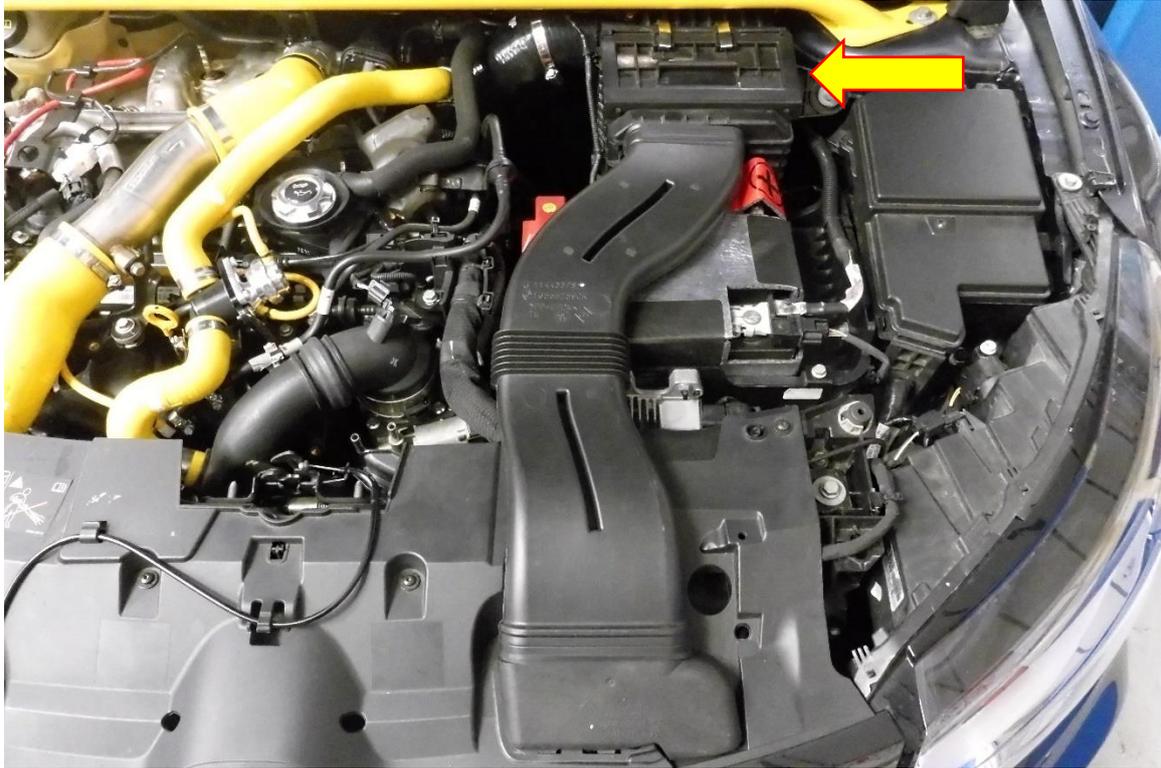


Please thoroughly read through and familiarise yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

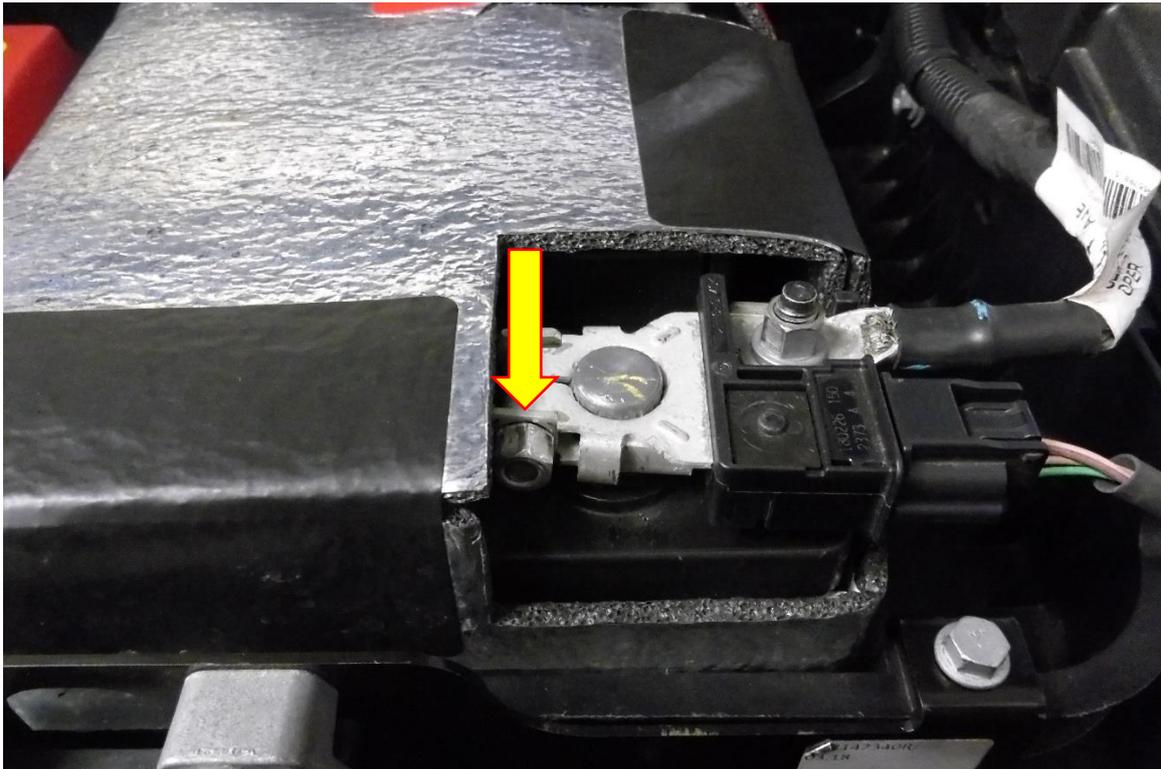
TOOLS NEEDED:

- Hose Clamp removal tool/Long nose pliers
- 7/10/13 mm Socket & Ratchet and suitable extension
- 2.5/5 mm Allen key
- T20 Torx Driver

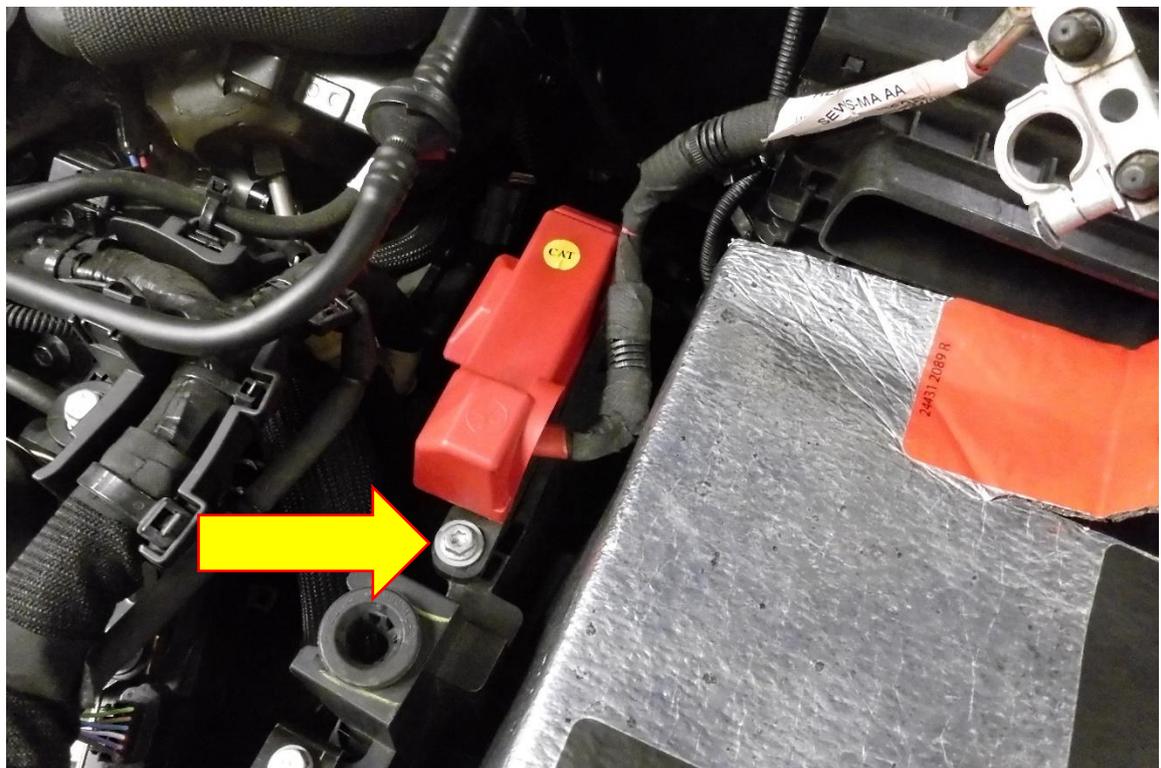
1. Open the bonnet and locate the airbox. Remove the airduct going to the OE air box, push in the two locking tabs and lift the airduct upwards to remove it from the engine bay.

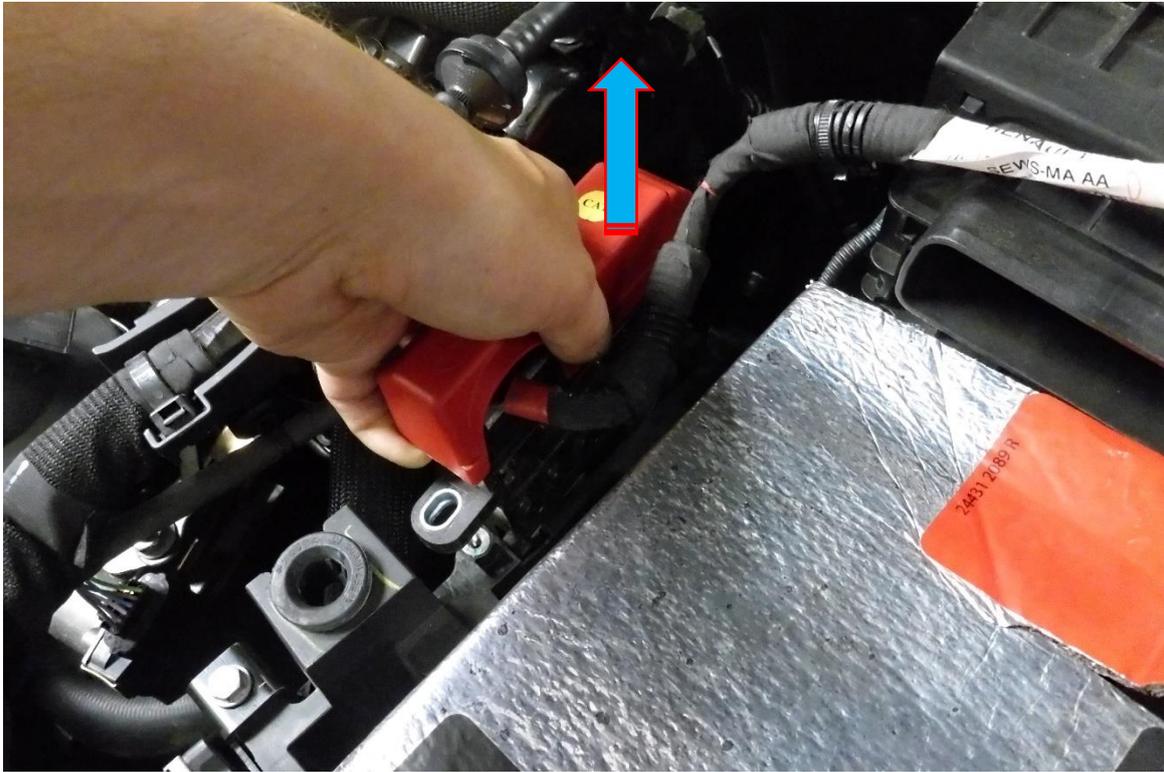


- Using a 10mm socket and ratchet disconnect the **NEGATIVE** terminal from the battery. Now disconnect the positive terminal in the same way.

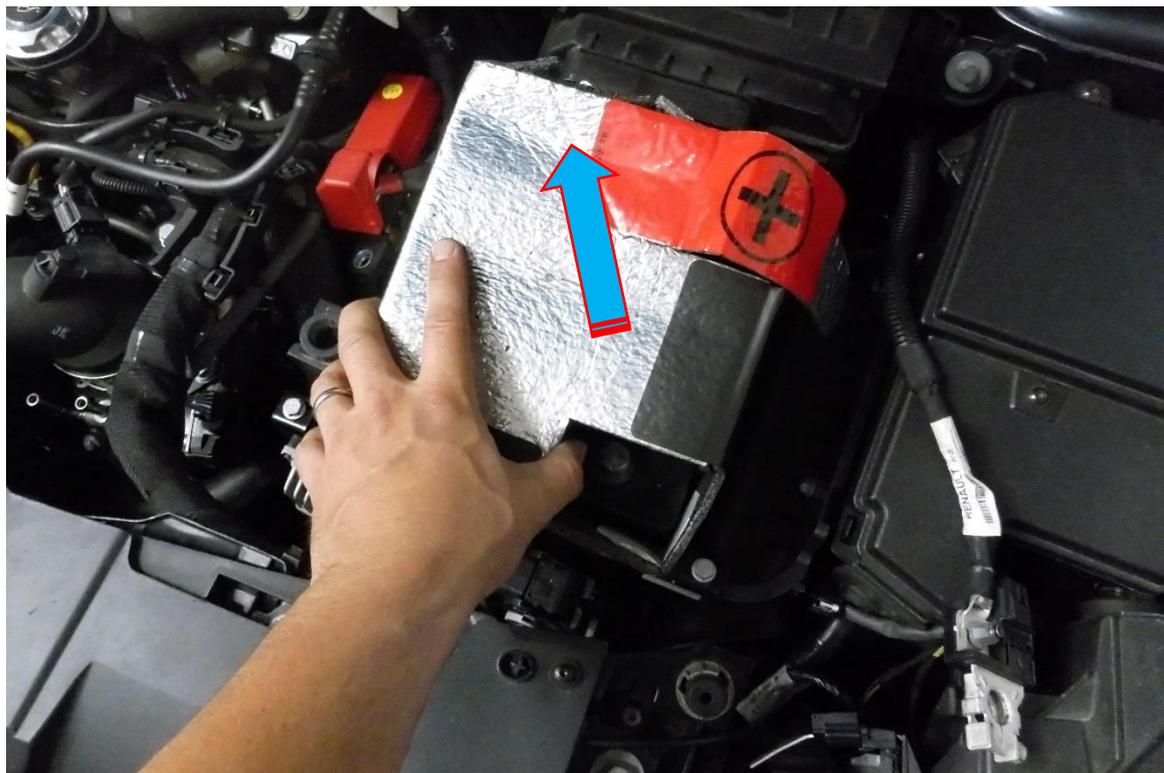


- Using a 10mm socket and ratchet remove the M6 fastener attaching the battery fuse box. The box will lift upwards out of its housing.

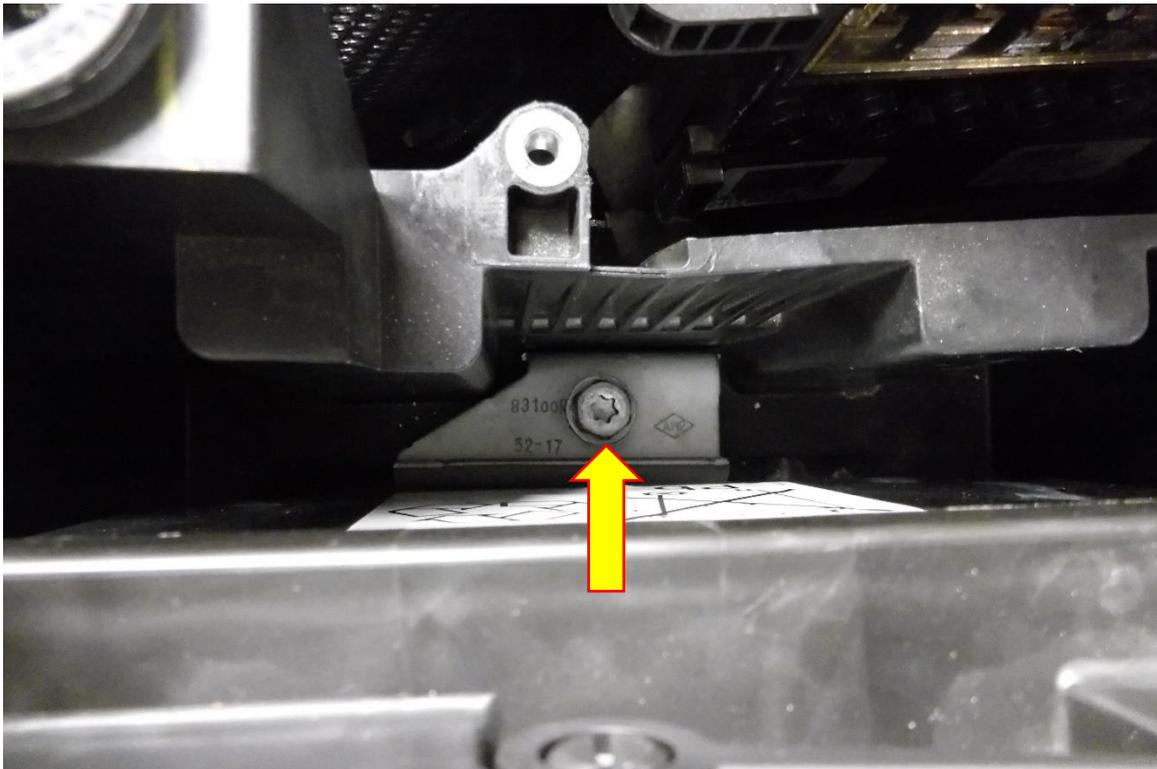




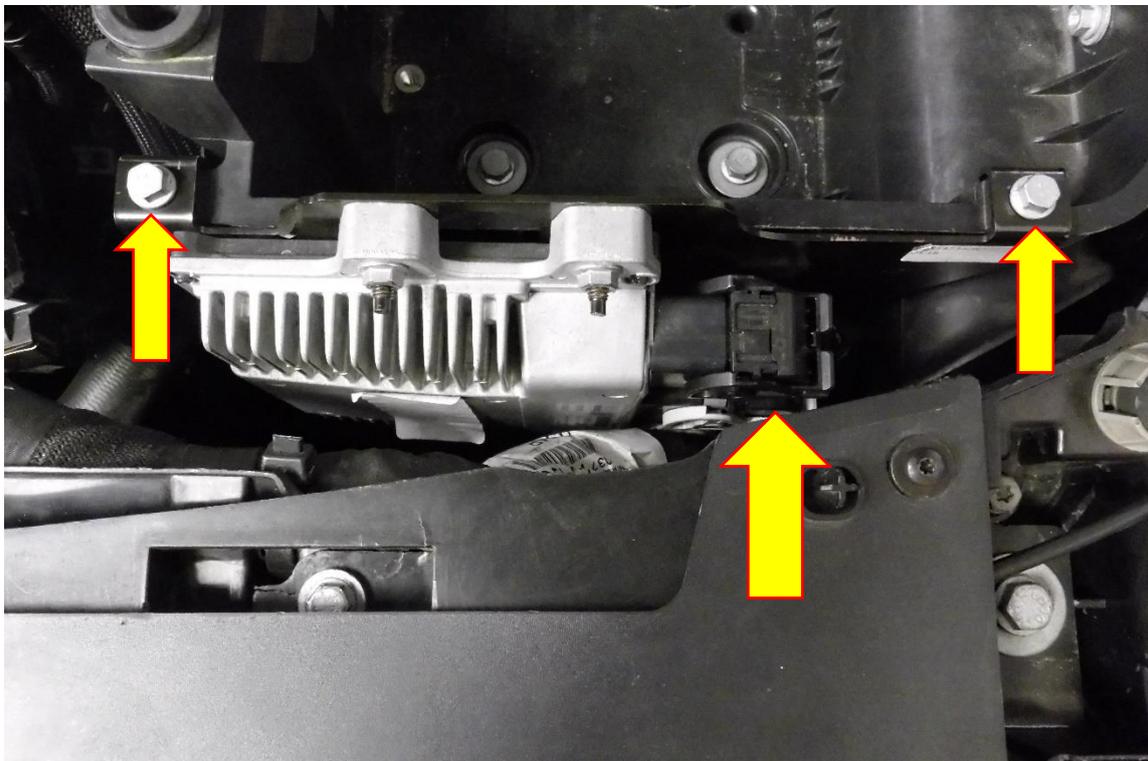
4. Remove the battery jacket by just lifting it out of the engine bay.



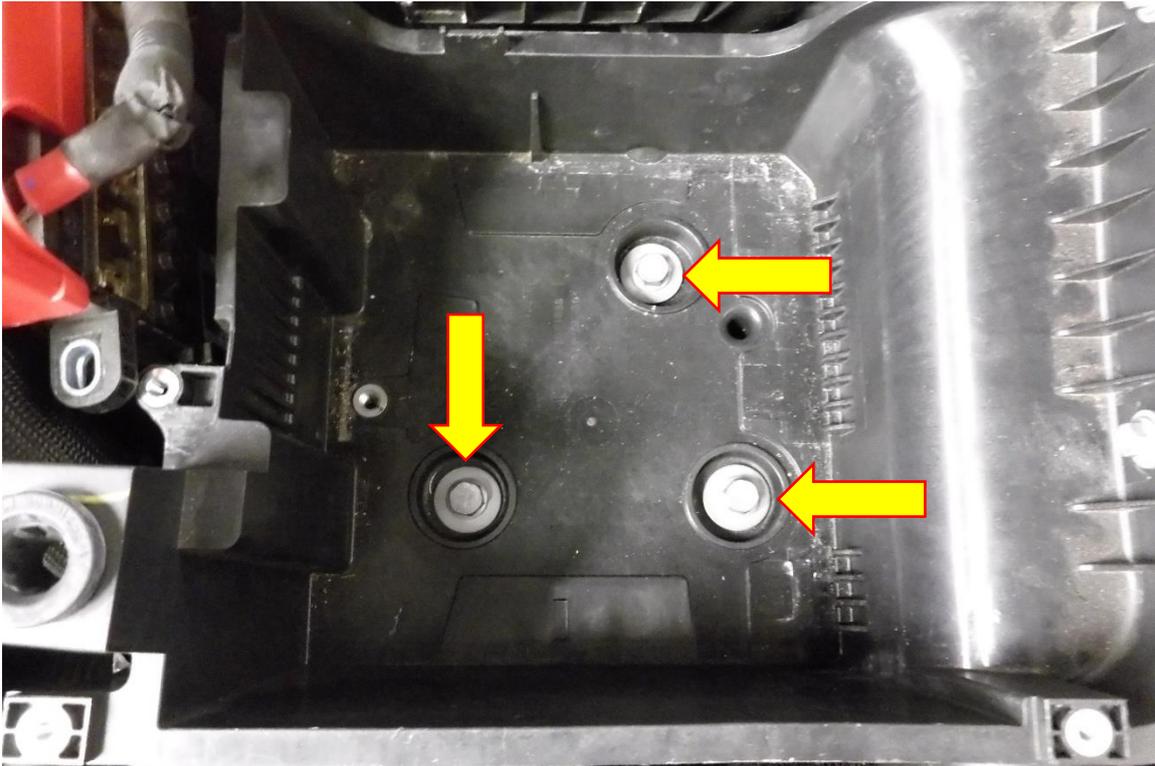
- Using a 13mm socket and ratchet undo the M8 fastener attaching the battery clamp in place.



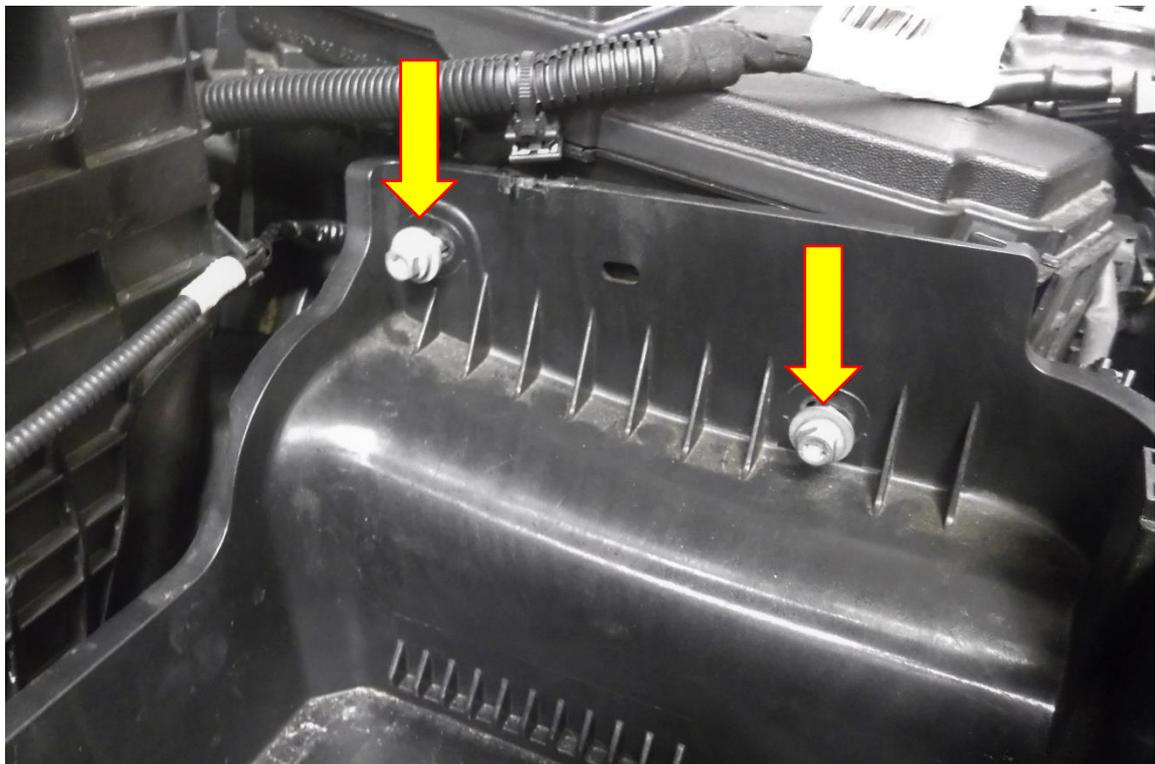
- Using a 10mm socket and ratchet remove X2 M6 fasteners attaching the ECU bracket to the battery tray. With the ECU now free unplug all the connectors going to the ECU.

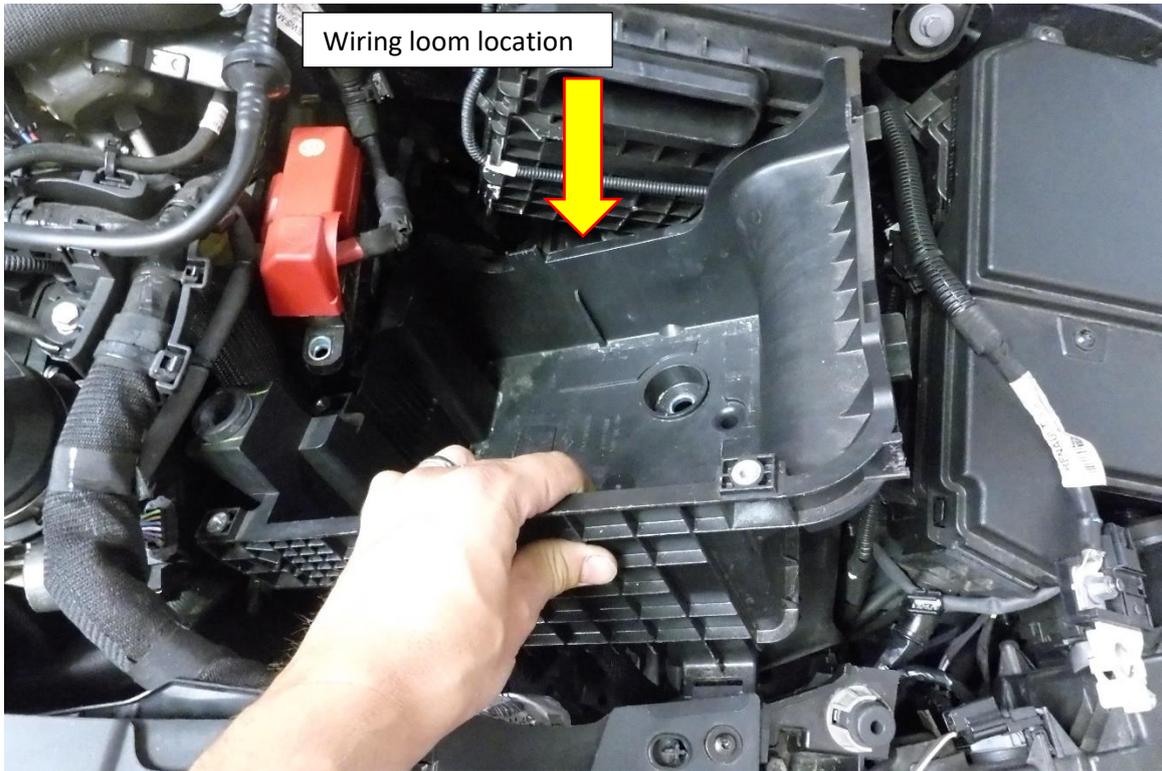


7. Remove X3 M10 fasteners attaching the battery tray to the chassis, use a 13mm socket and ratchet to remove them.

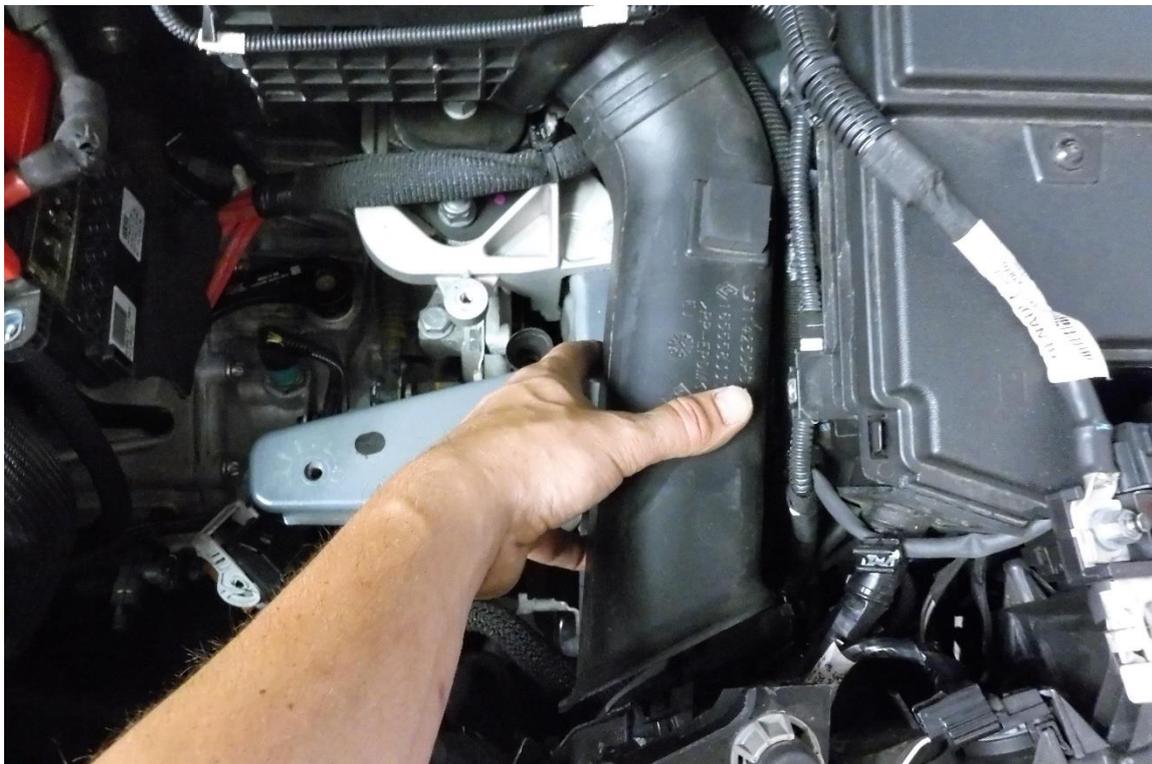


8. Remove the X2 M6 fasteners which attach the main fuse box to the battery tray. Use a 10mm socket and ratchet to do this, you will now be able to remove the battery tray from the engine bay. When removing the tray, you will need to detach the wiring loom attached to the tray.

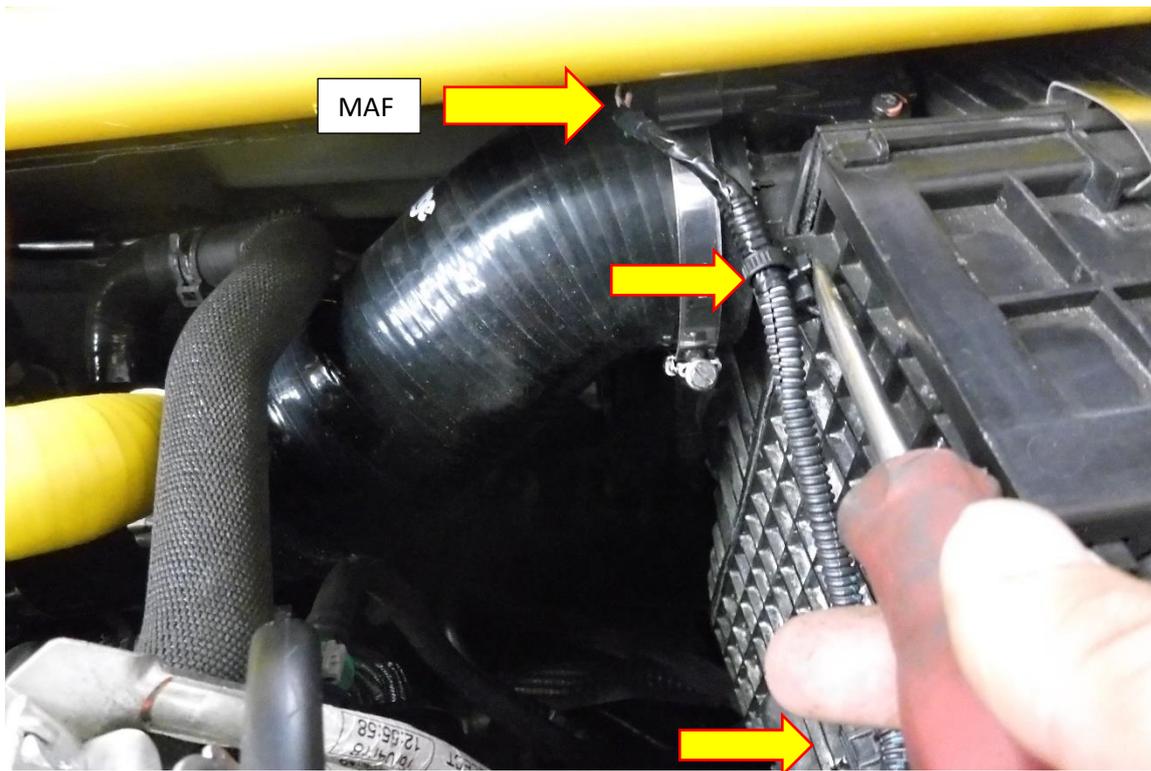




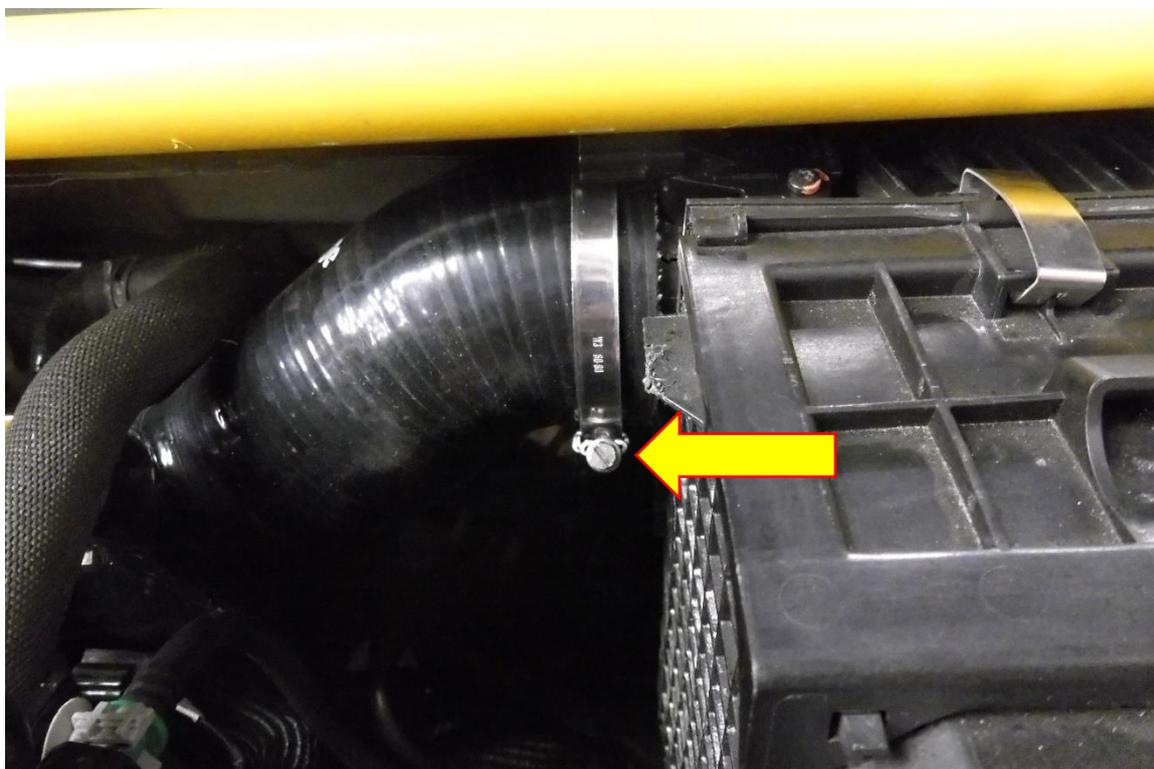
9. Remove the air duct to the airbox, this will simply pull out of the engine bay.



10. Unplug the MAF and disconnect the MAF wiring loom from the airbox.



11. Using a 7mm socket and ratchet undo the hose clamp attaching the turbo intake hose to the airbox.



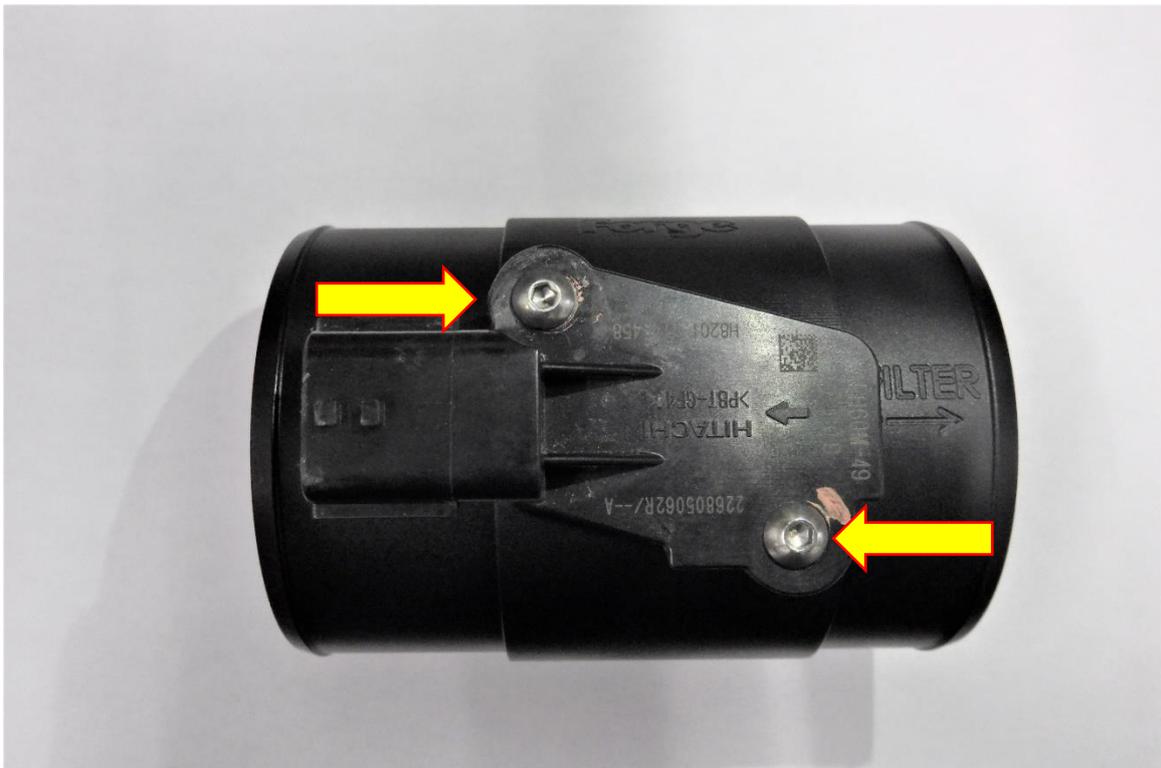
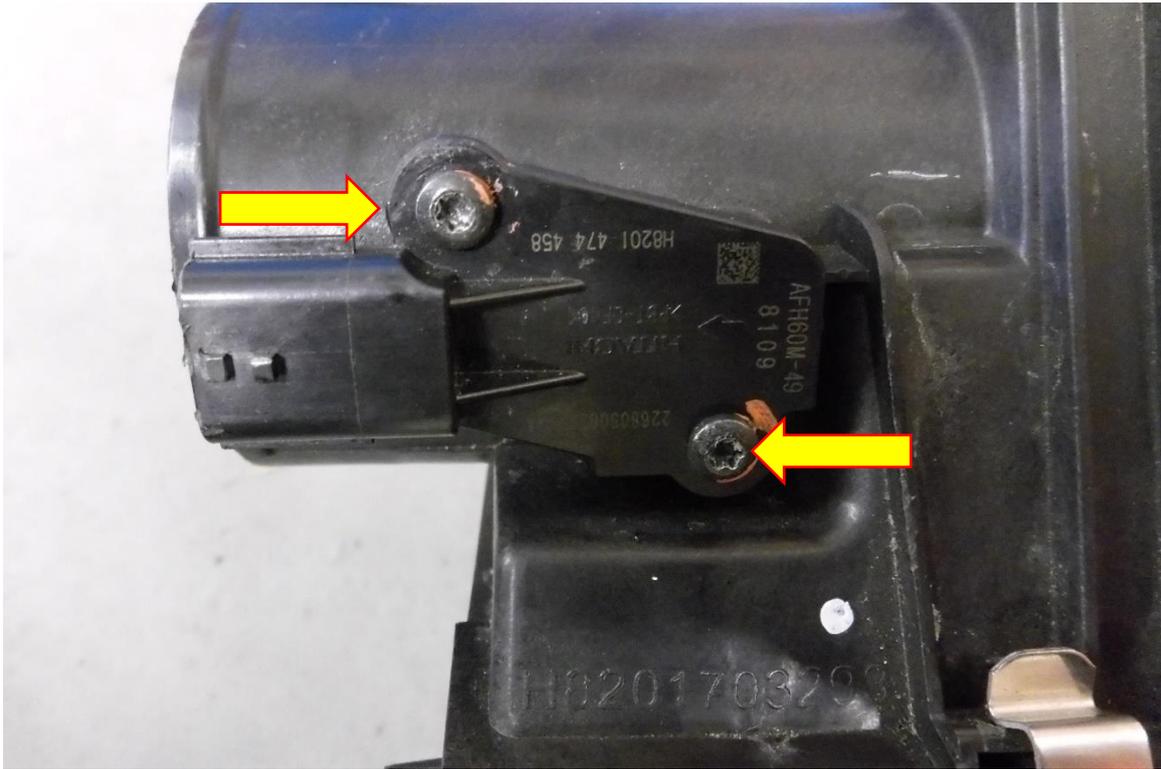
12. Using a 10mm socket and ratchet remove the M6 fastener attaching the OE airbox to the vehicle.



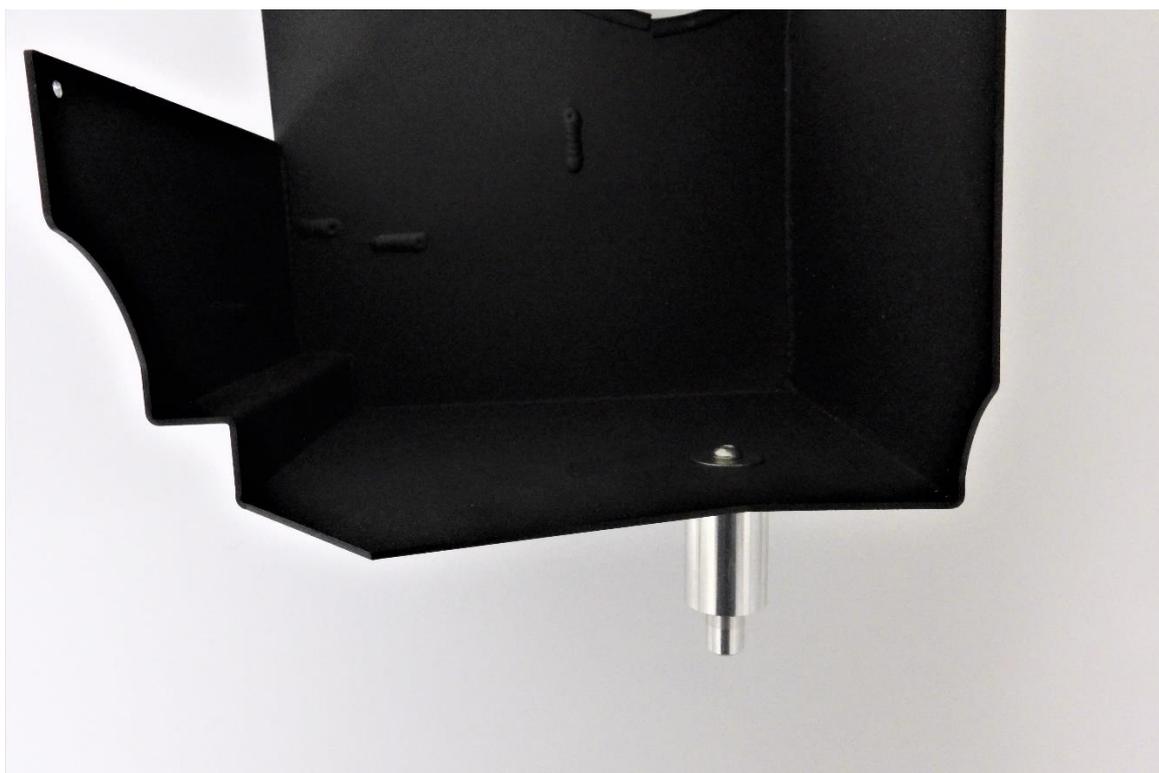
13. Remove the OE airbox from the vehicle, this can be tricky and will need some patience but the airbox will wiggle free.



14. Using a T20 Torx drive remove the X2 fasteners attaching the MAF to the OE airbox. Now remove the MAF and reinstall it to the Forge Motorsport MAF boss using the supplied M4 fasteners.



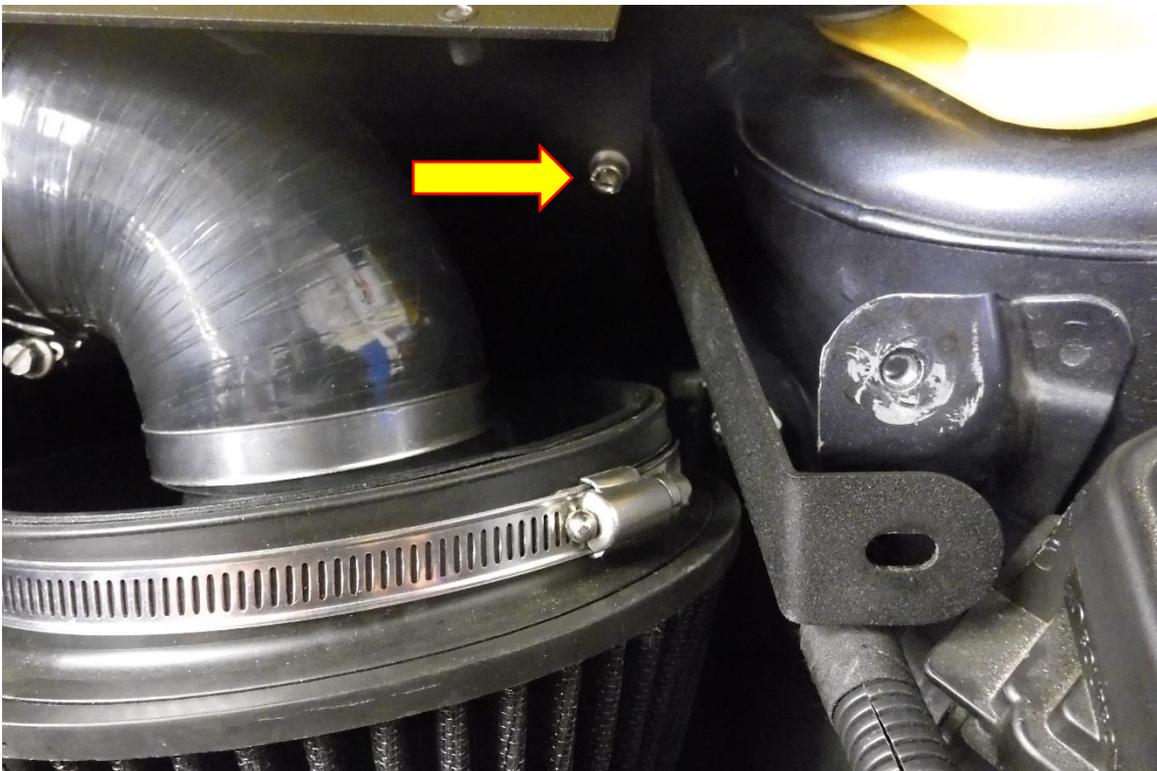
15. Using a 5mm Allen key install the mounting peg from the FMINDK31 kit and attach it with the supplied M6 button head fastener and M6 penny washer. Fit the supplied rubber trim around the edge of the oval opening on the heat shield.



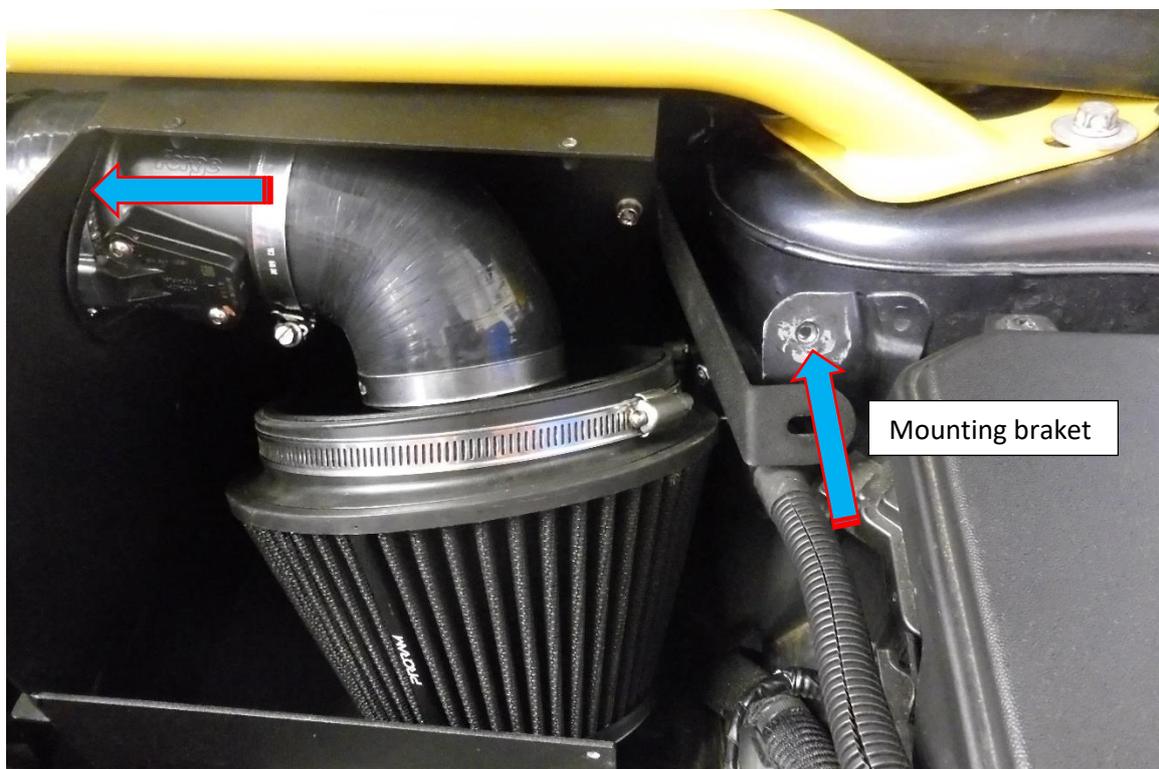
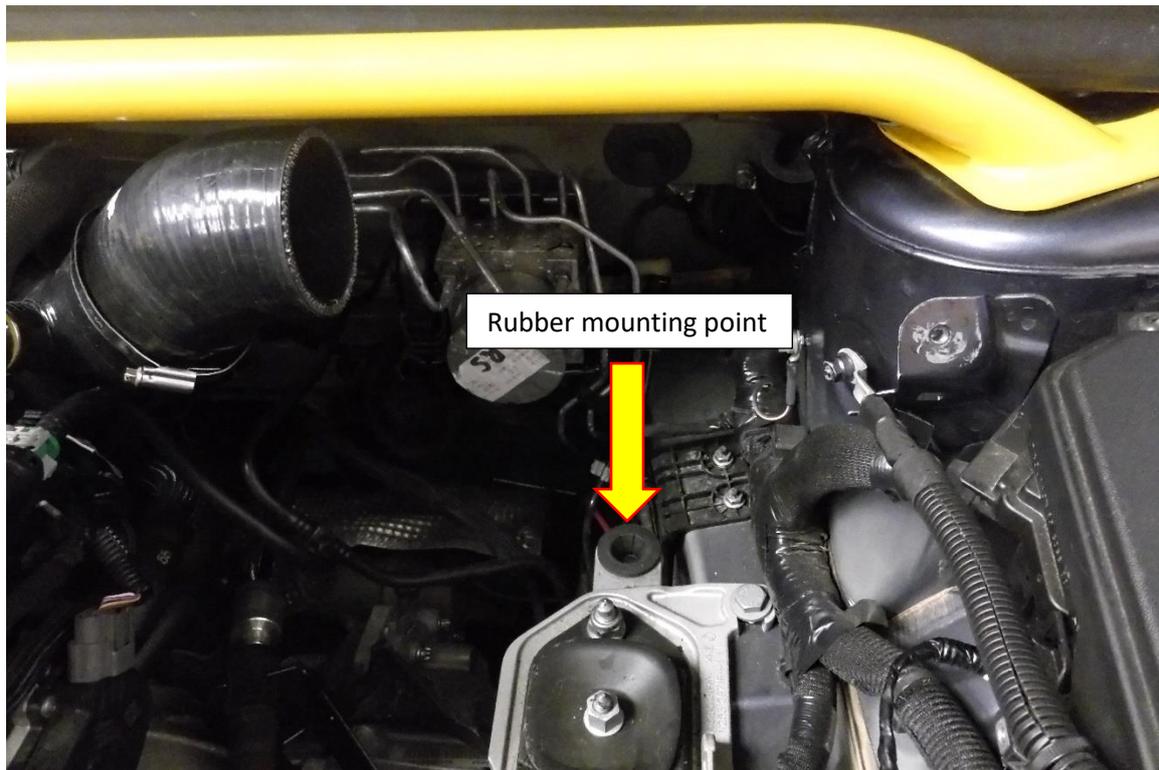
16. Fit the supplied silicone hose #2028 to the filter end of the MAF, at the other end of the silicone hose attach the Proram filter. Using a 7mm socket and ratchet secure both ends of the hose with the supplied 60-80 hose clamps. Take these parts and fit them as shown in the picture below, adjust the MAF so that it is central to oval cut out in the air box



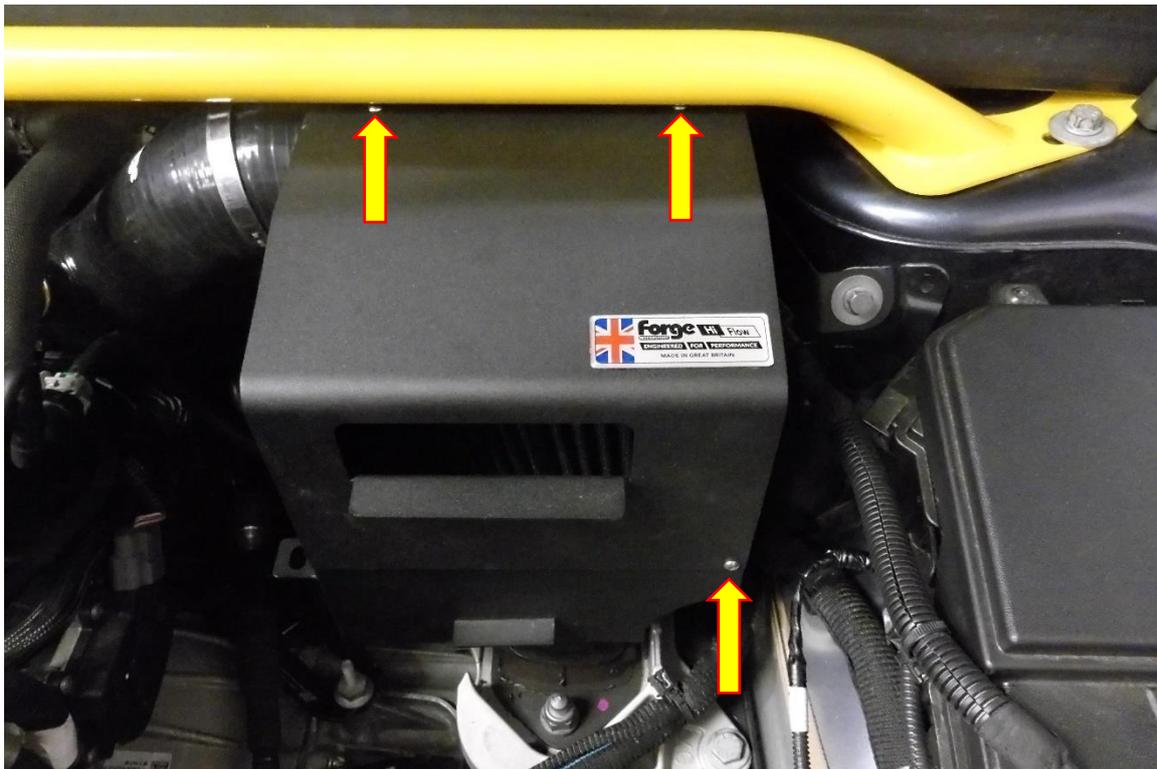
17. Using a 5mm Allen key attach the mounting bracket to the airbox using the supplied M6 x12 fastener and washer.



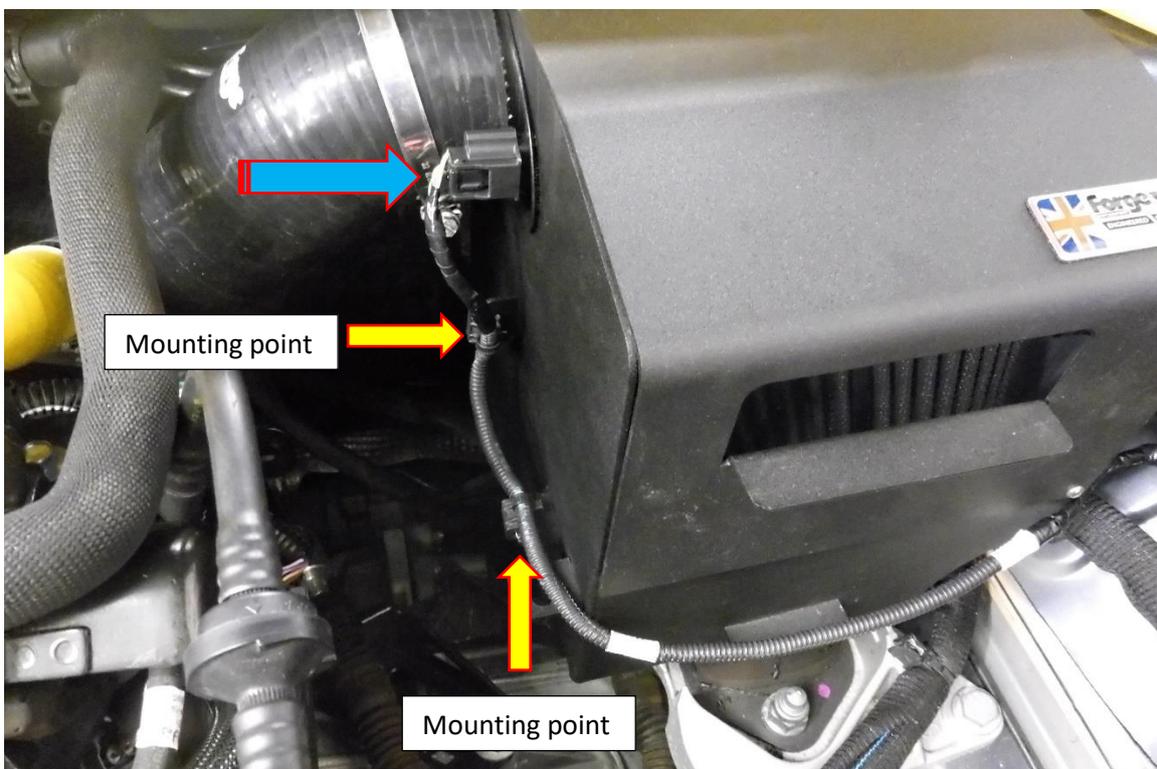
18. Place the airbox complete with air filter and MAF boss into position by locating bottom mounting peg to the rubber mounting point of the original airbox. Fit the MAF to the turbo inlet hose and using the original M6 fastener attach the mounting bracket of the airbox to the vehicle.



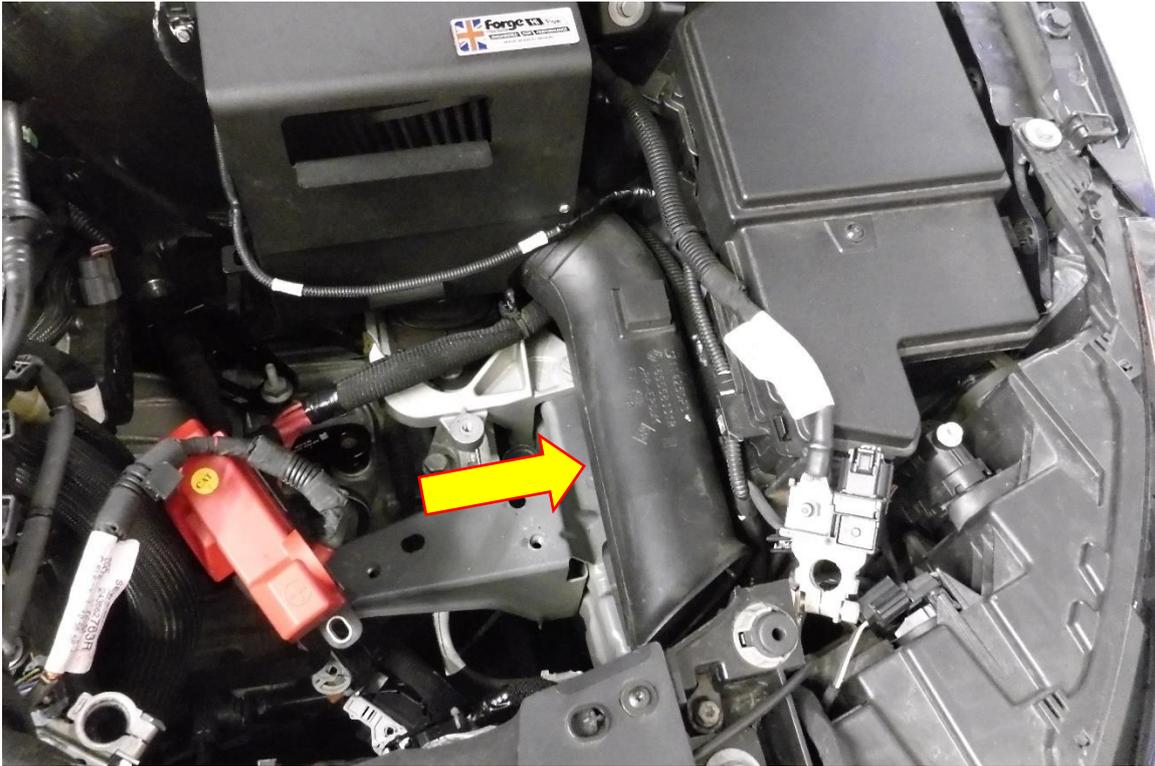
19. Using the 2.5mm Allen key attach the airbox lid with the supplied X3 M4 fasteners.



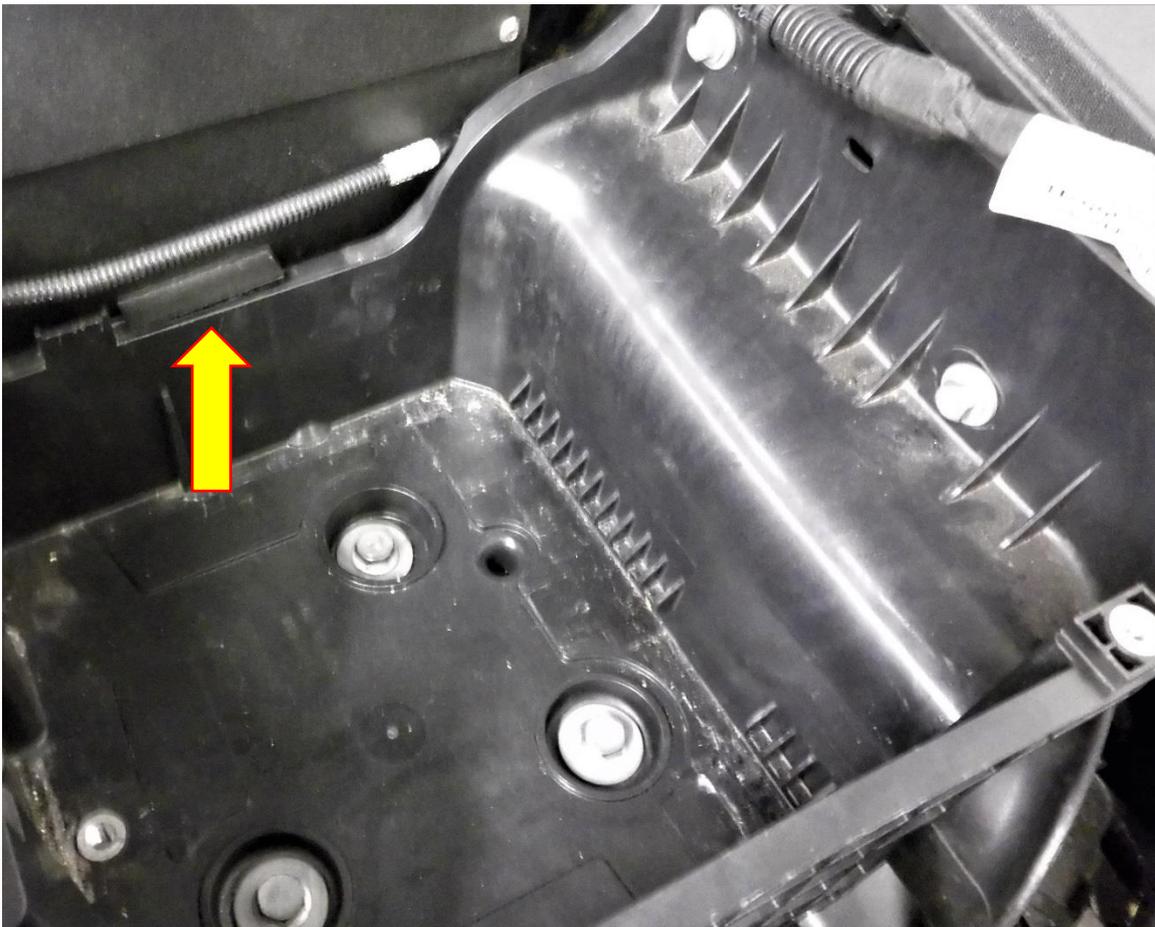
20. Run the MAF wiring to the MAF sensor, plug in the connector and use the locating tabs to secure the wiring loom in place.



21. Re install the air duct back into place.



22. Re fit battery tray, when installing make sure the tab on the airbox is sitting on the edge of the battery tray.



23. Using a 5mm Allen key attach the second mounting bracket with the supplied M6 fastener and washer.



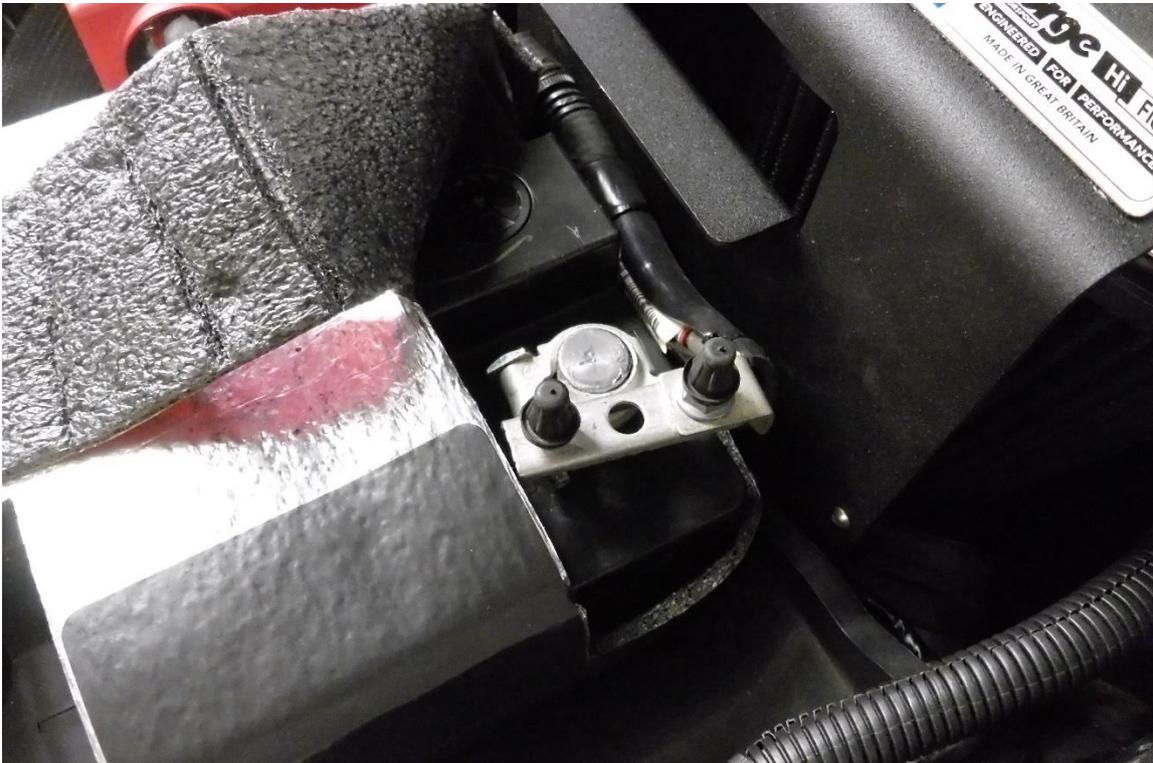
24. Re install the battery and slide it as far as possible to the front of the vehicle and secure it down, re attach the battery fuse box while clamping down the mounting bracket. Re install the battery cover.



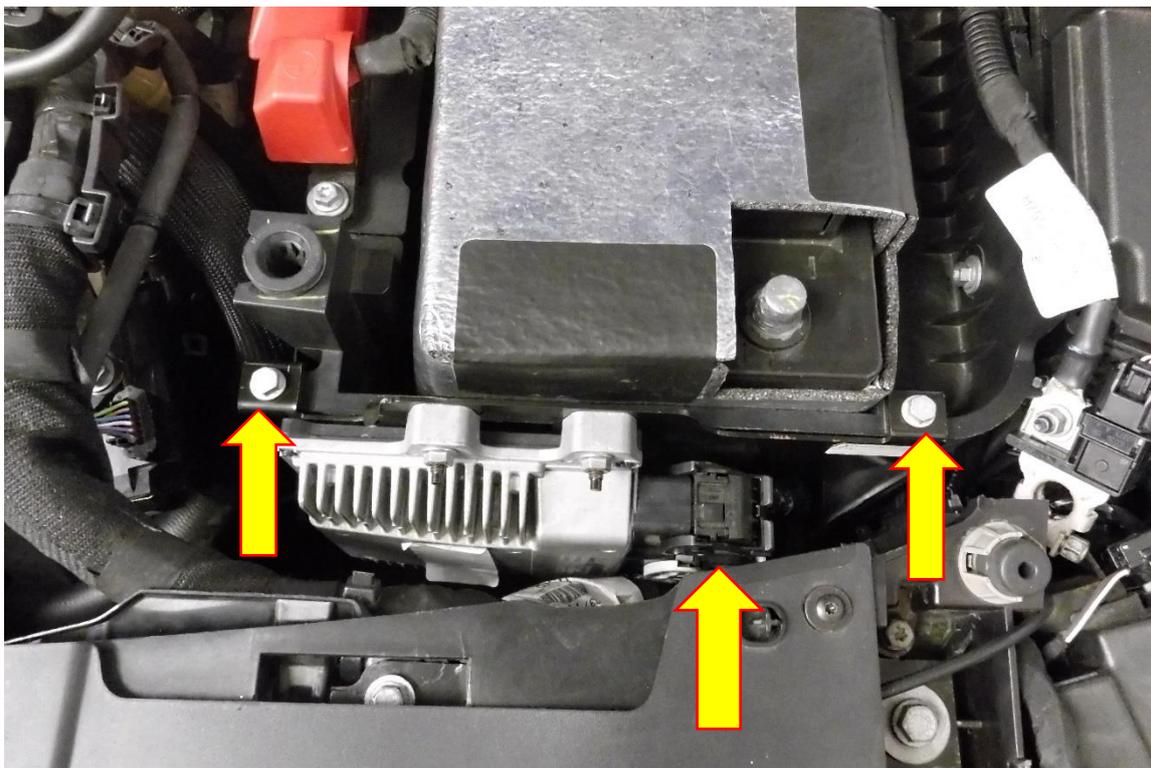
25. Supplied in the FMINDK31 kit is a silicone sleeve, wrap this around the non-insulated part of the POSITIVE battery terminal. Use the supplied cable ties to secure it in place.



26. Fit the POSITIVE battery terminal as shown in the picture below.



27. Make sure to re install the ECU before re connecting the NEGATIVE terminal.



28. Re connect the NEGATIVE battery terminal and re install the airduct to the airbox, this is installation of FMINDK31 complete. Take the vehicle for a test drive and enjoy your new Forge Motorsport product.



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.

Forge Motorsport UK (+44)1452 380999
Forge Motorsport USA (407)-447-5363
Forge Motorsport ASIA +886-4-22516887

info@forgemotorsport.co.uk
sales@forgemotorsport.com
sales@forgemotorsport.asia



Forge Motorsport



@forgemotorsport



@forgemotorsport



Forge Motorsport