



## FMTIA5 Fitting Instructions

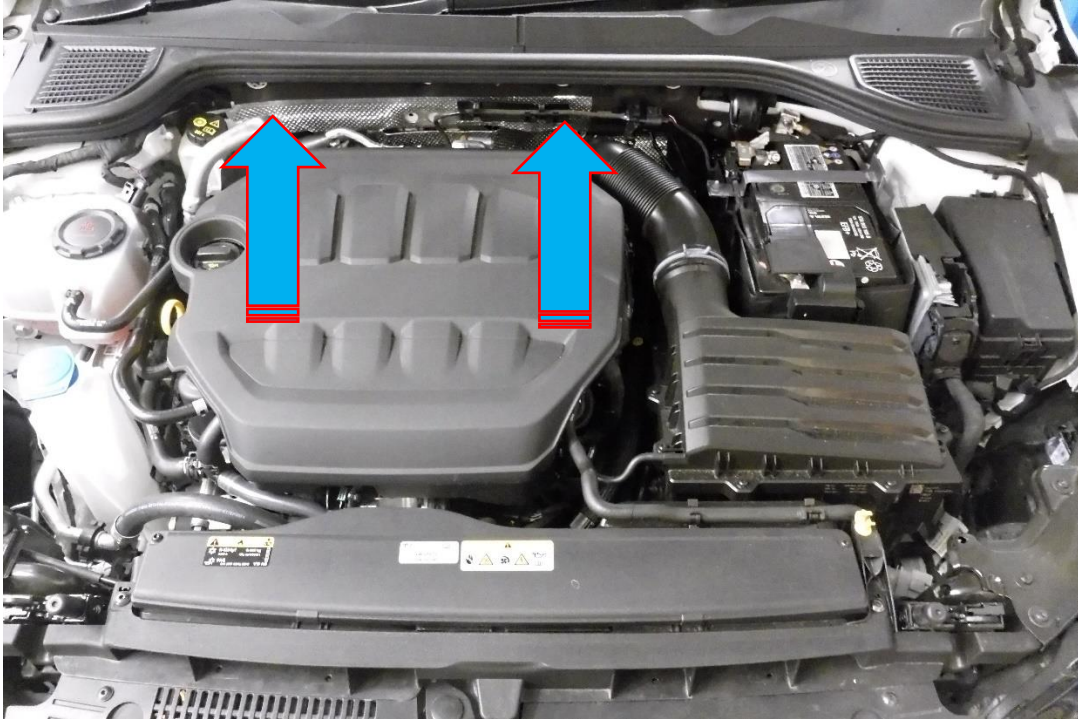


Please thoroughly read through and familiarise yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

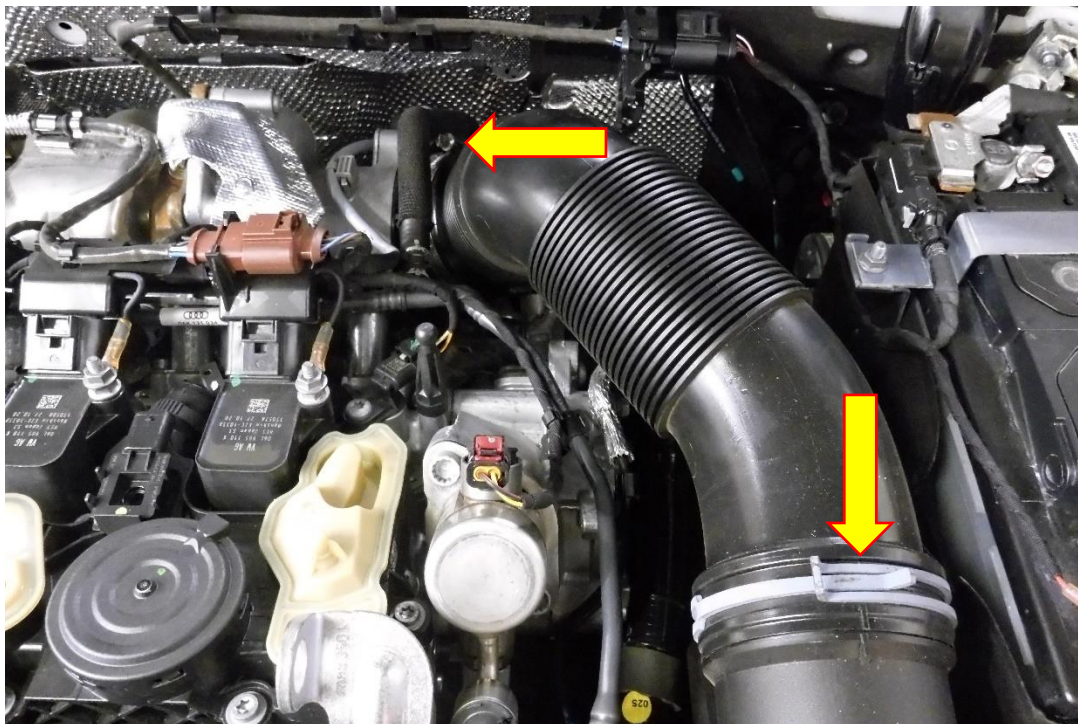
### TOOLS NEEDED:

Hose Clamp removal tool/Long nose pliers  
7/10/13mm Ratchet and suitable extension  
T30 Torx Driver  
5mm Allen Key

1. Open the bonnet, pull the engine cover Sharpley in an upwards motion to remove from situ.

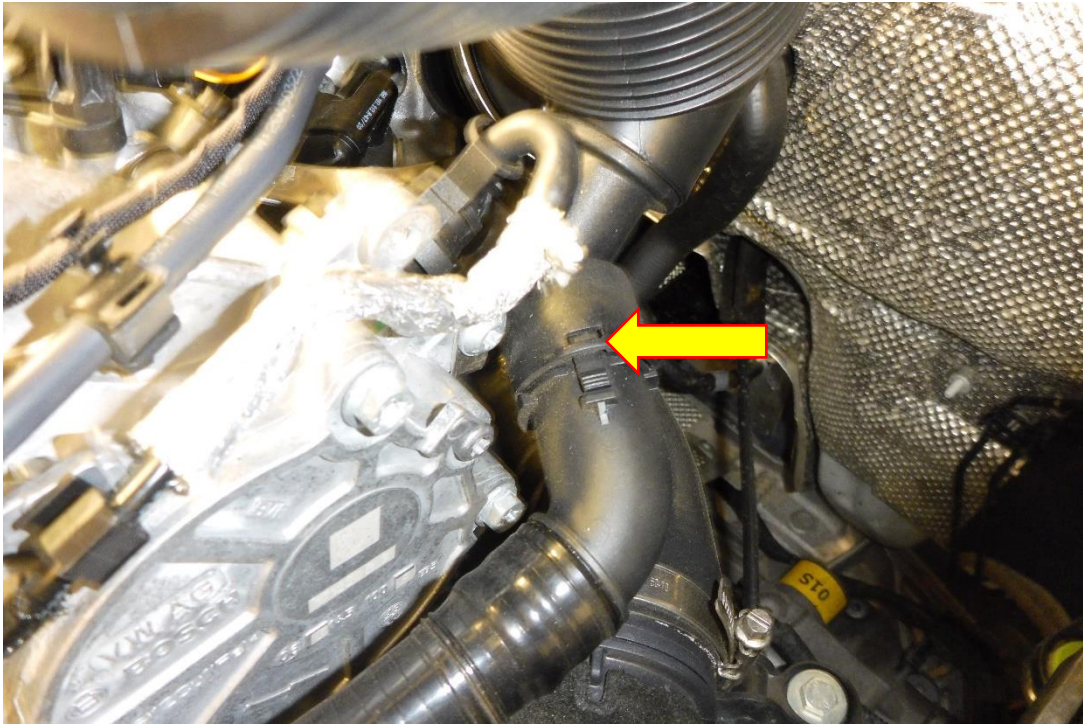


2. Using a hose clamp removal tool and a 7mm socket and ratchet, loosen off both hose clamps attaching the OE intake hose to the air box and turbo adaptor.





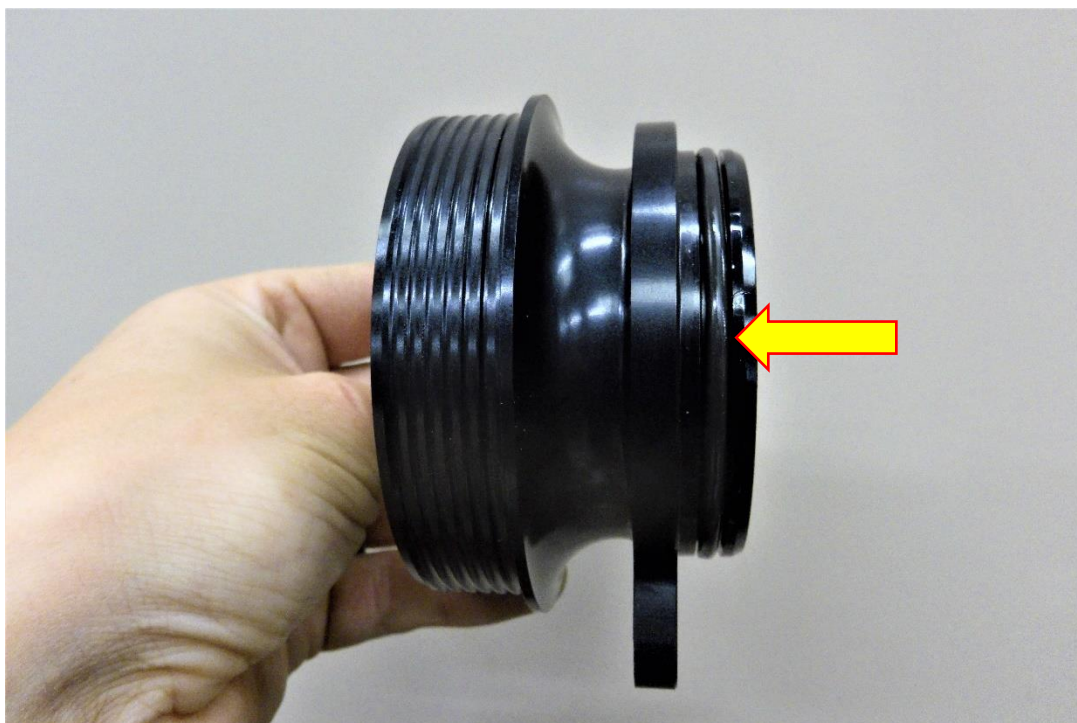
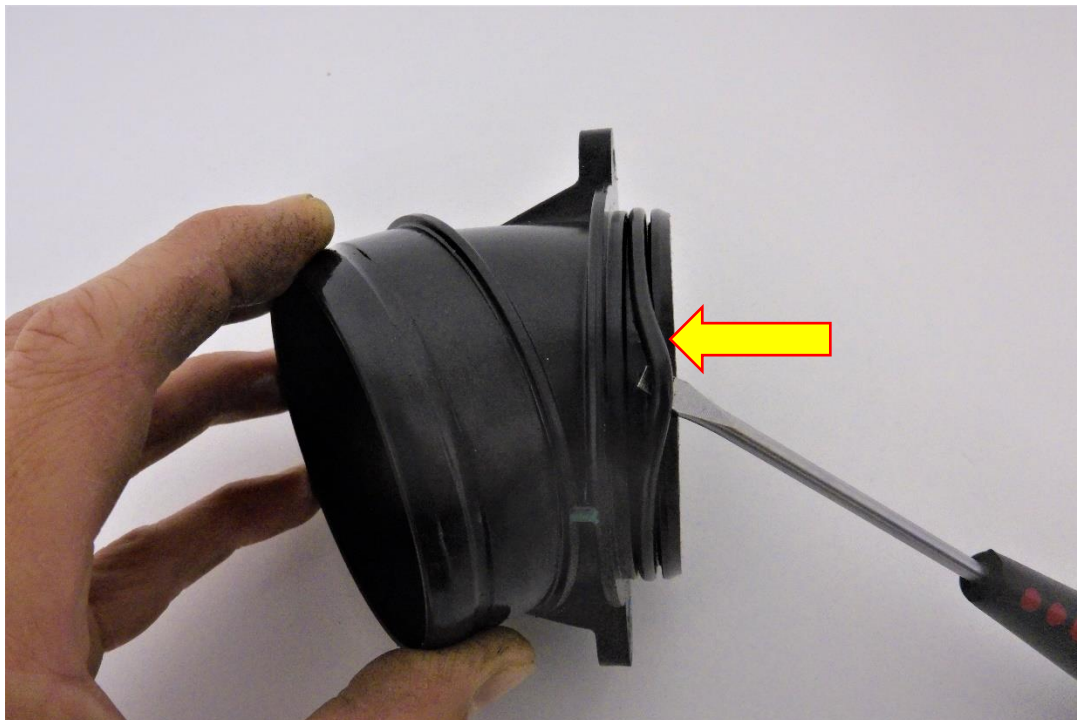
3. Depress both locking tabs on the breather hose and pull it away from the spout on the dump valve recirculating hose and then from the turbo adaptor.



4. Using a T30 Torx driver remove the 2 X M6 fasteners attaching the turbo adaptor to the turbo charger.



5. Using a flat blade screwdriver prise the O-ring from the OEM turbo adaptor and fit it to the Forge billet turbo adaptor.

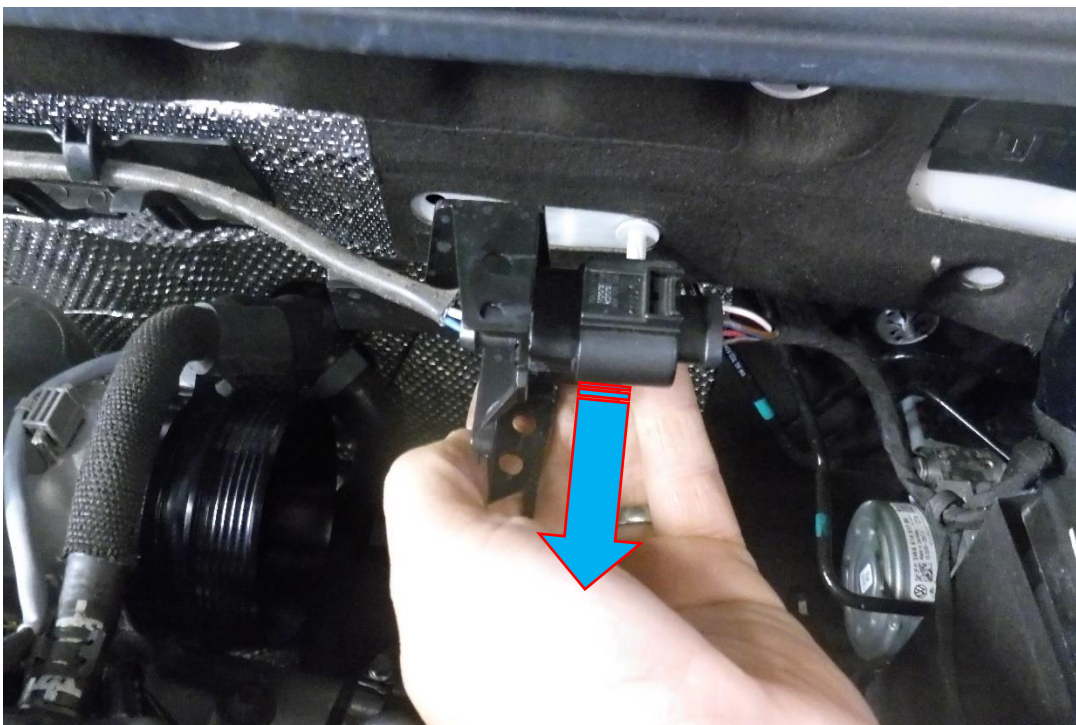




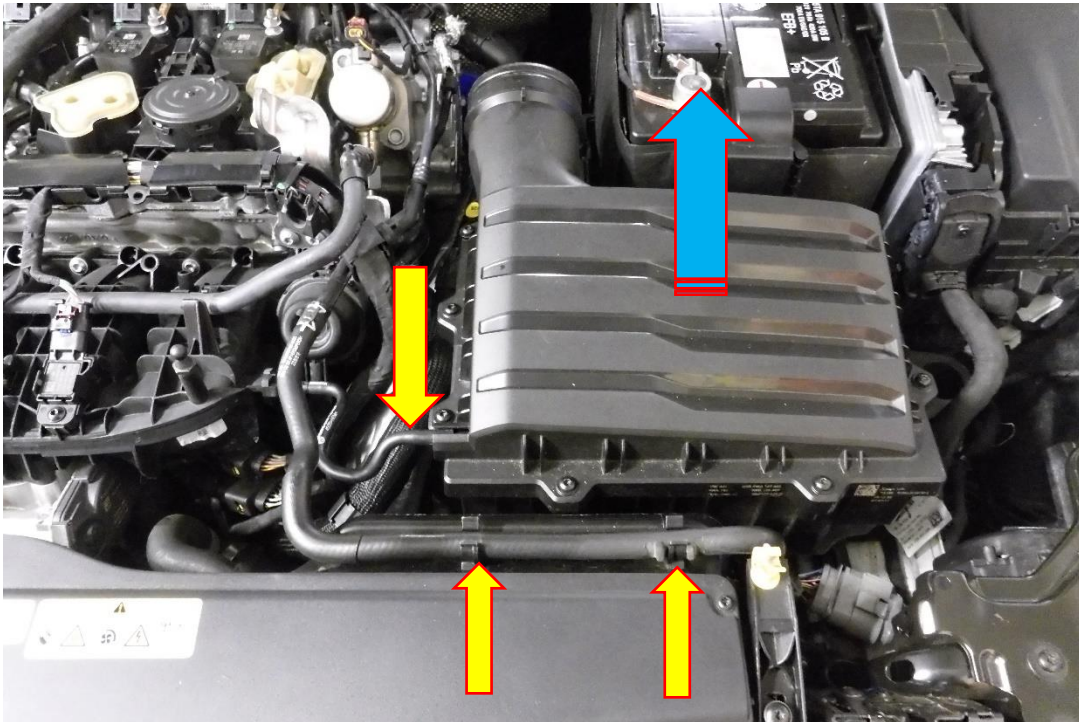
6. Using a 5mm Allen key loosely attach the supplied M6 fasteners and washers to the turbo. Now fit the Forge billet turbo adaptor to the turbo and turn it clockwise till the locating hooks are in place with the M6 fasteners. Using the 5mm Allen key tighten the fasteners securing the turbo adaptor in position.



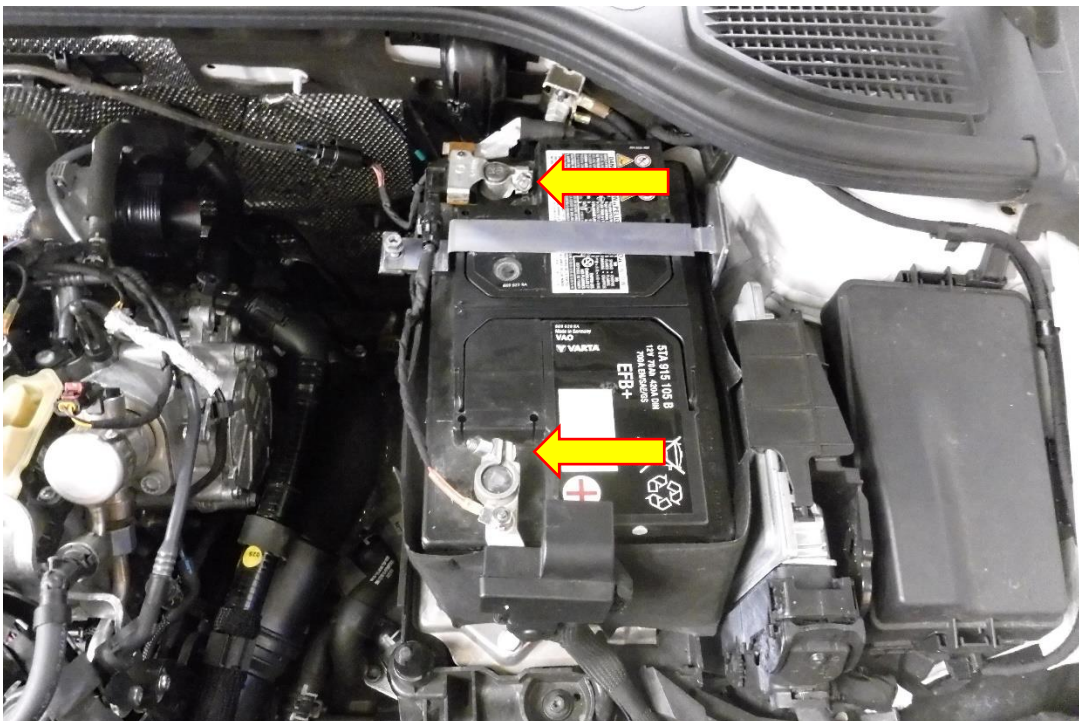
7. Remove the bracket securing the lambda probe loom. This just pulls away.



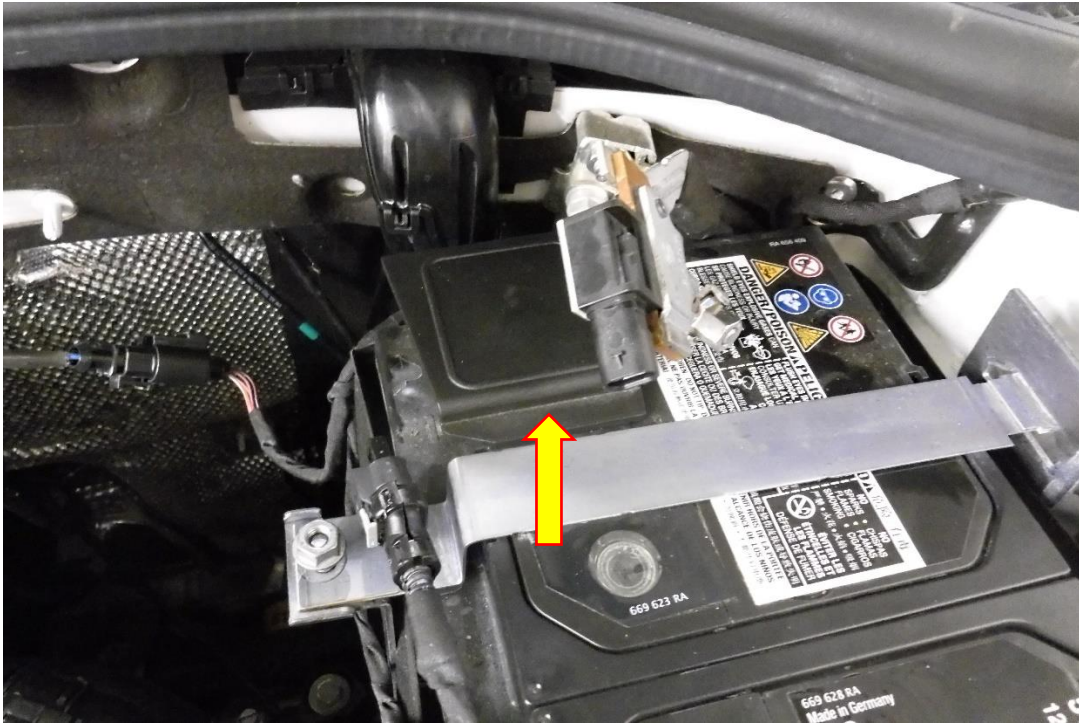
8. Disconnect the vac pipe and coolant hose attached to the airbox, you will now be able to lift the airbox from the engine bay. A sharp pull upwards may be needed for this.



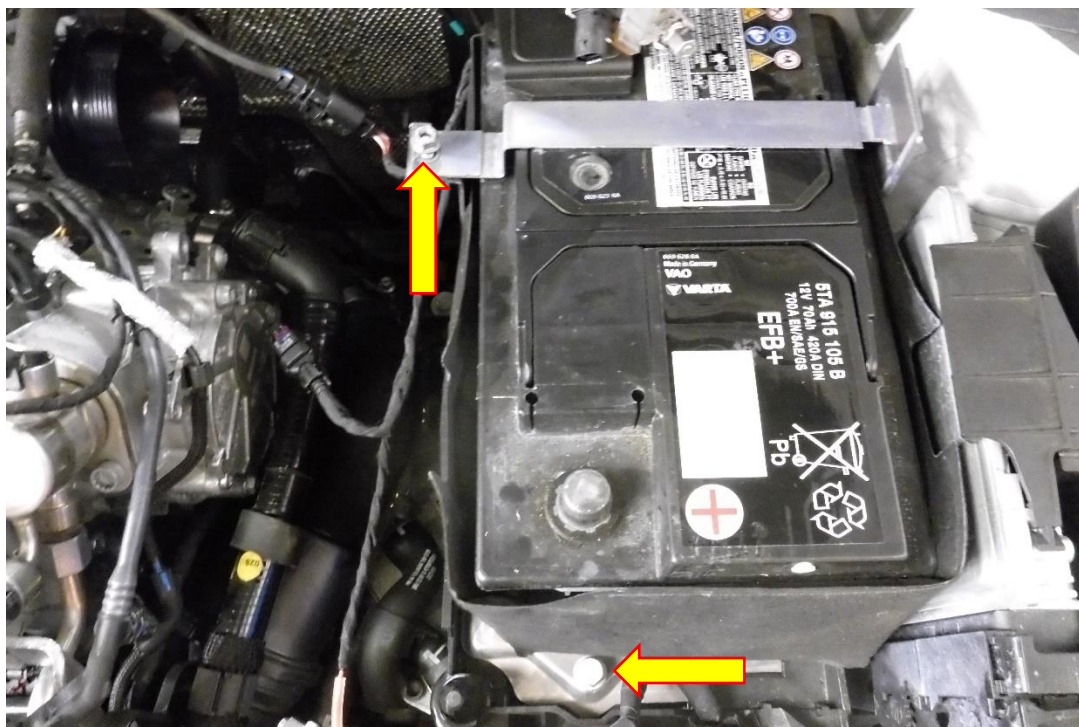
9. Using a 10mm socket and ratchet disconnect both battery terminals, start with the negative battery terminal and use the negative terminal cover to stop it touching the terminal when removing the positive side.



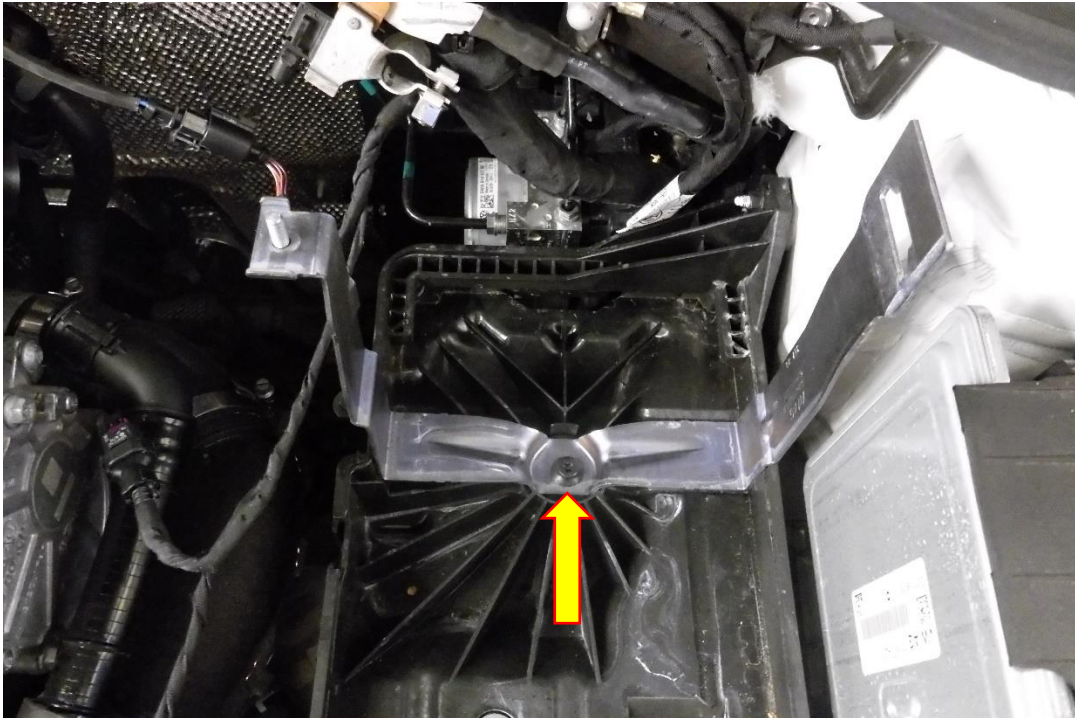




10. Using a 10 & 13mm socket and ratchet remove both fasteners attaching the clamps to the battery. You will now be able to remove the battery from the vehicle.



11. Using a 13mm socket and ratchet remove the fastener attaching the bracket to the battery tray. Remove the bracket and turn 180 degrees then re fit and fix it back into place.



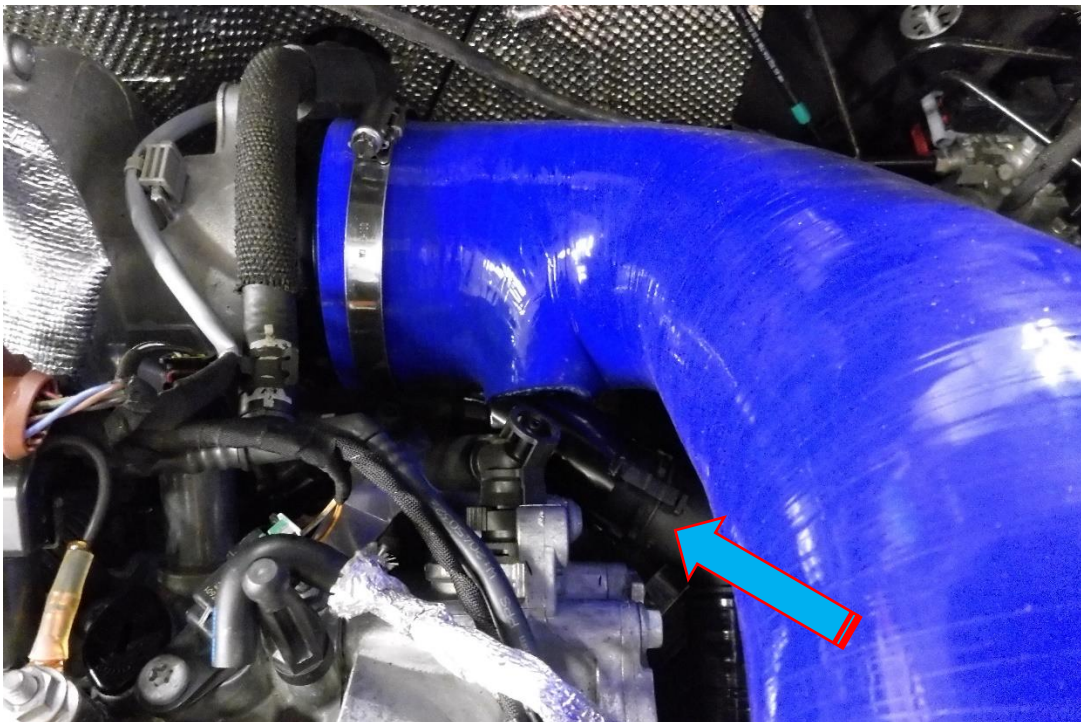
12. The battery can now be re-fitted into position.



13. Fit the machined breather adaptor from the FMTIA5 kit to the silicone intake hose, this is a simple push fit.



14. Take one of the supplied hose clamps and loosely place it at the turbo end of the silicone intake hose. Fit this end to the machined turbo adaptor fitted in step 6, push the breather hose into the machined breather adaptor till it clicks into position. Using a 7mm socket and ratchet secure the hose with hose clamp. (The fuel pump vac line has been removed to make the picture clearer)



15. Using a 7mm ratchet and the remaining hose clamp attach the other end of the silicone hose to the air box.



16. Refit the lambda bracket/loom and engine cover to complete your installation of FMTIA5. Take your vehicle out for a test drive and enjoy the performance from your new Forge Motorsport product.

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**Forge Motorsport UK** (+44)1452 380999

**Forge Motorsport USA** (407)-447-5363

**Forge Motorsport ASIA** +886-4-22516887

[info@forgemotorsport.co.uk](mailto:info@forgemotorsport.co.uk)

[sales@forgemotorsport.com](mailto:sales@forgemotorsport.com)

[sales@forgemotorsport.asia](mailto:sales@forgemotorsport.asia)



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