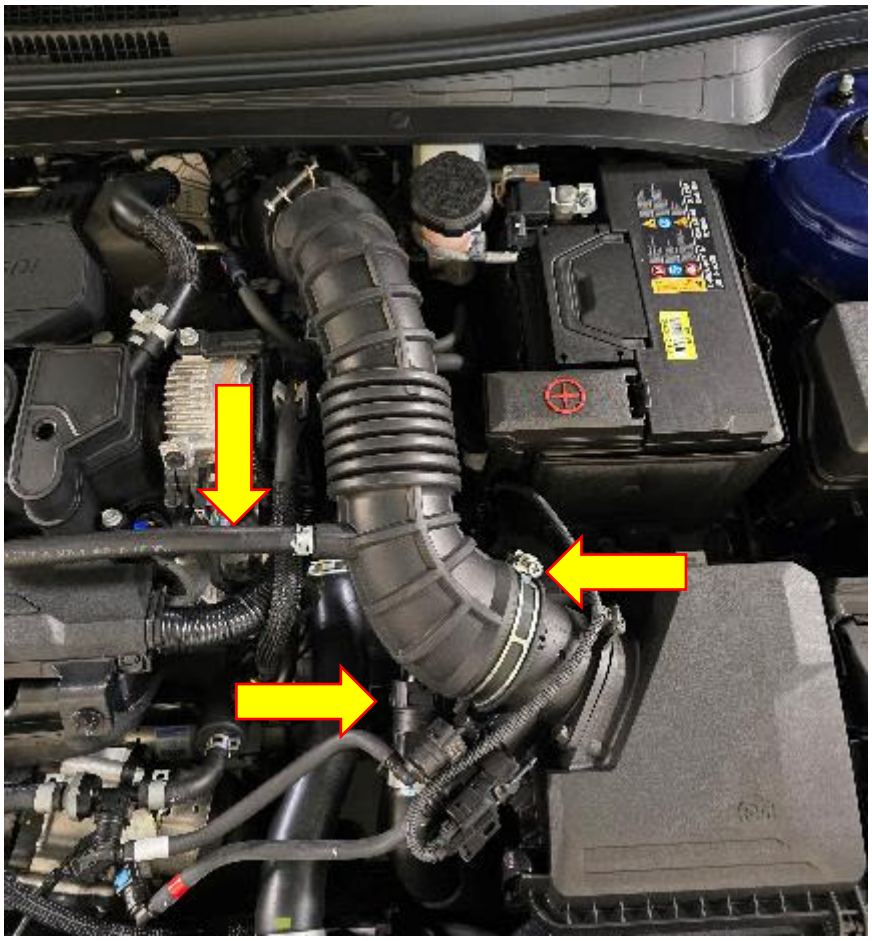
FMTIA15 Fitting Instructions

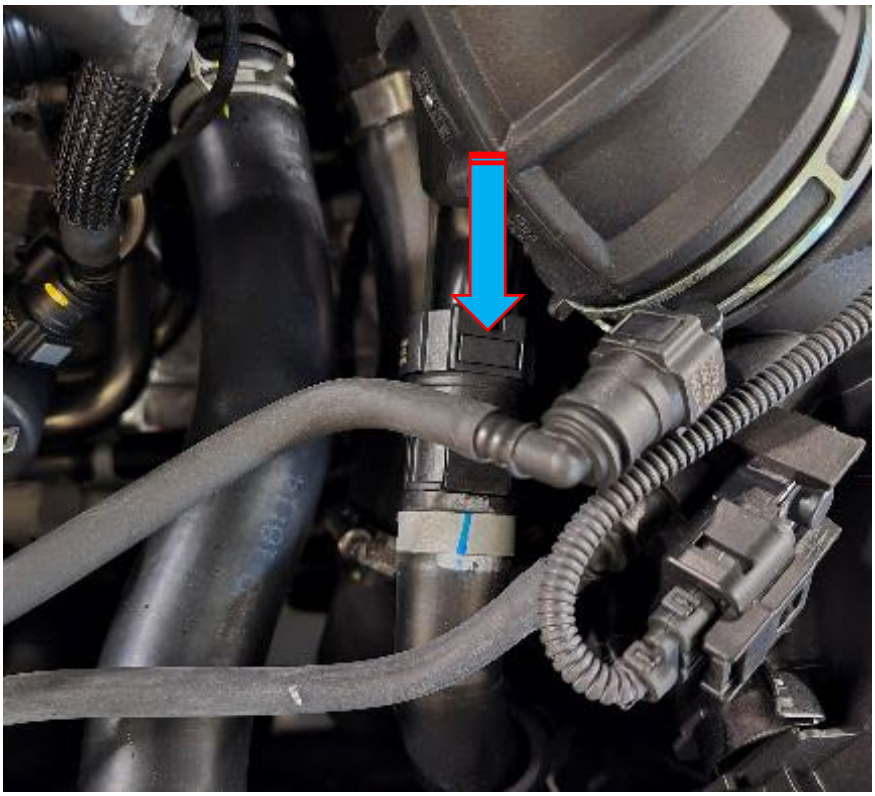
Please thoroughly read through and familiarise yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

TOOLS NEEDED:

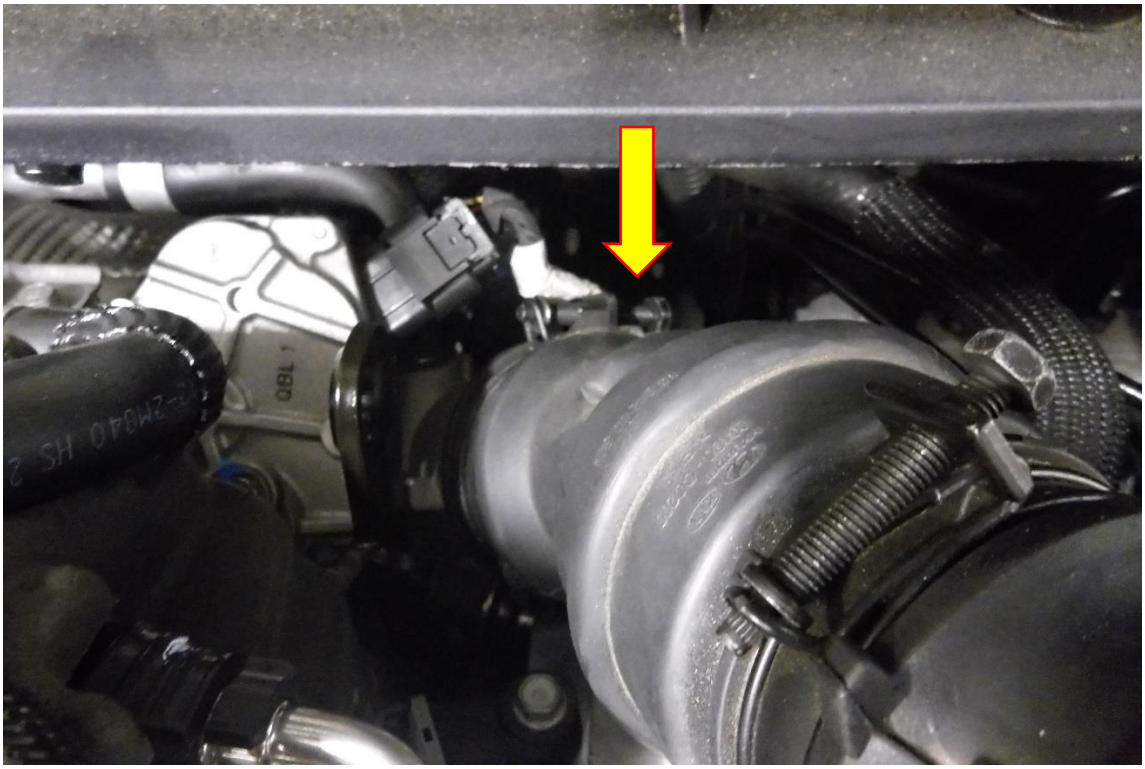
Hose Clamp removal tool/Long nose pliers
Cutters
7/10mm Socket and Ratchet and suitable extension
5mm Allen Key

1. Open the bonnet and locate the oil breather hose and DV hose. Using a hose clamp removal tool or long nose pliers release the hose clamp attaching the small oil breather hose. Press the tabs in to release the DV hose. Using a 10mm socket and ratchet loosen the hose clamp securing the inlet hose to the airbox.

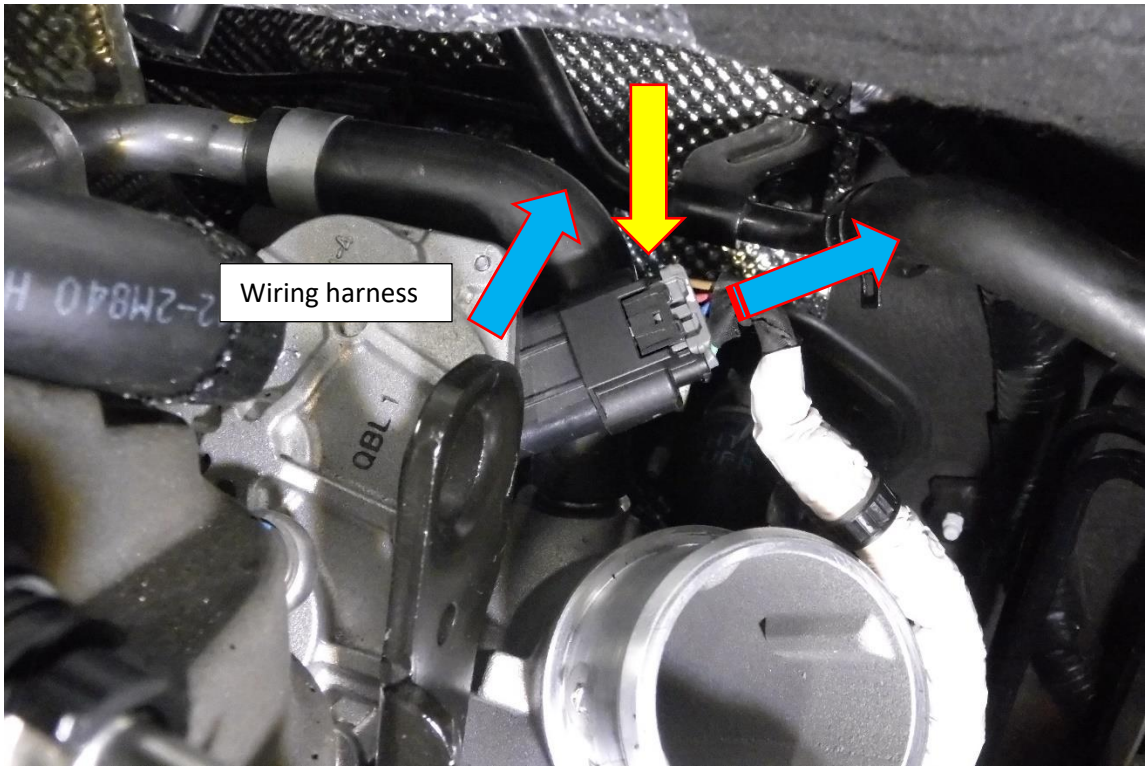




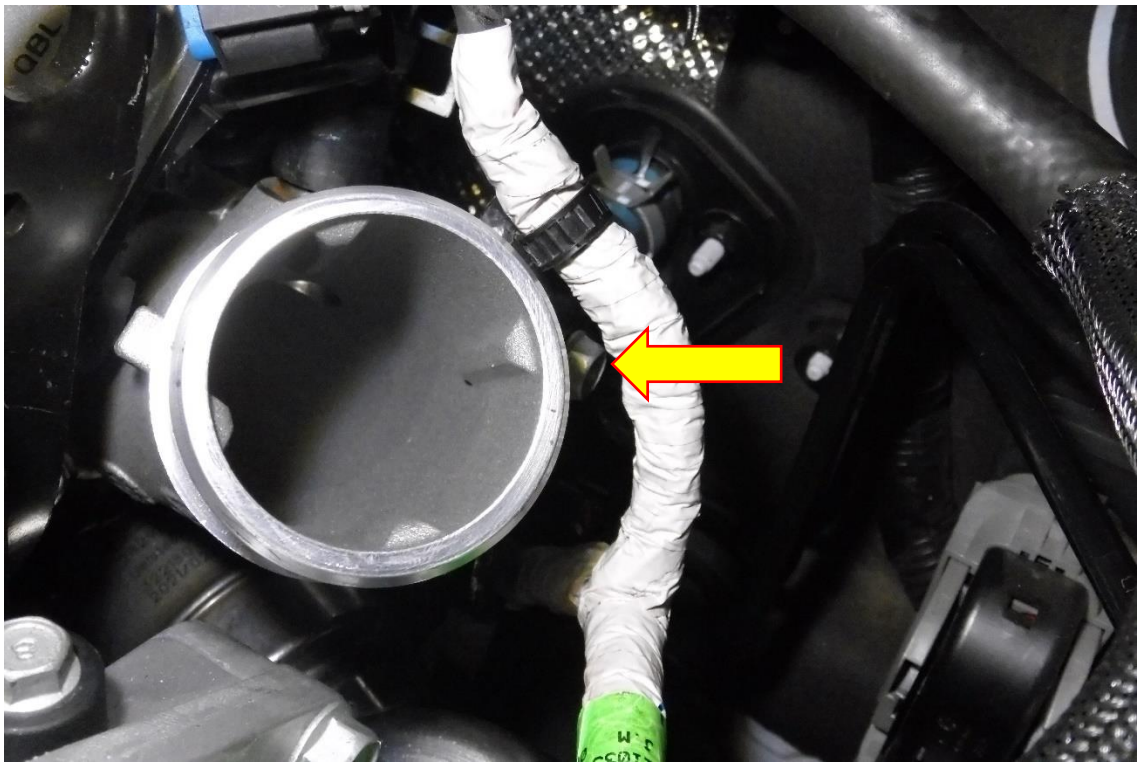
2. Again, using a 10mm socket and ratchet loosen the hose clamp and remove the opposite end of the inlet hose attached to the turbo adaptor. You can now remove the inlet hose completely.



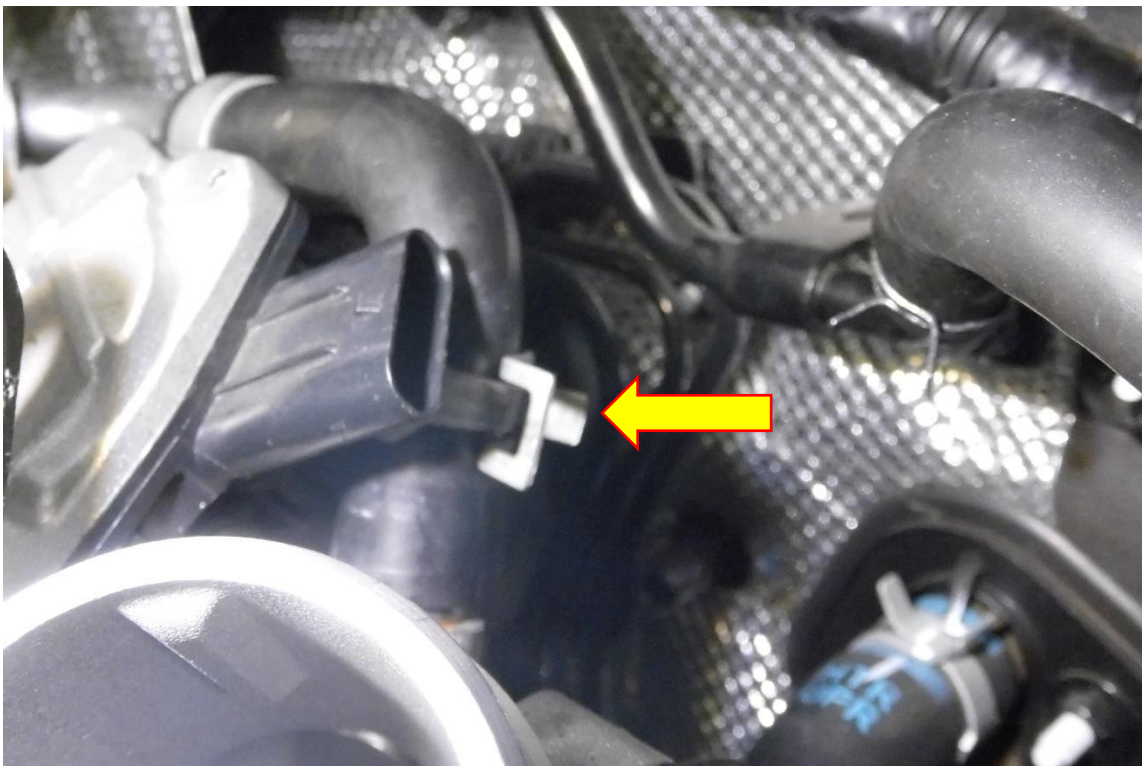
3. Slide the grey locking tab back to disconnect the loom attached to the turbo actuator.



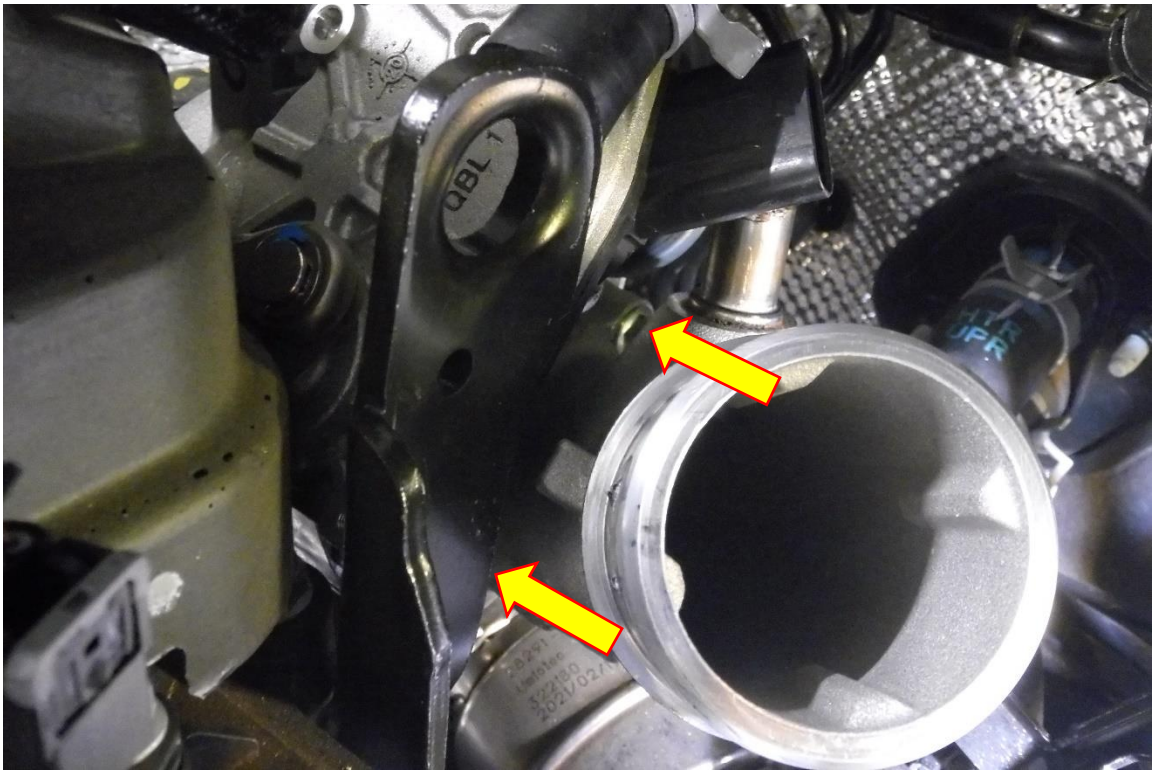
4. Using a 10mm socket and ratchet remove the M6 fastener attaching the wiring loom to the turbo adaptor.

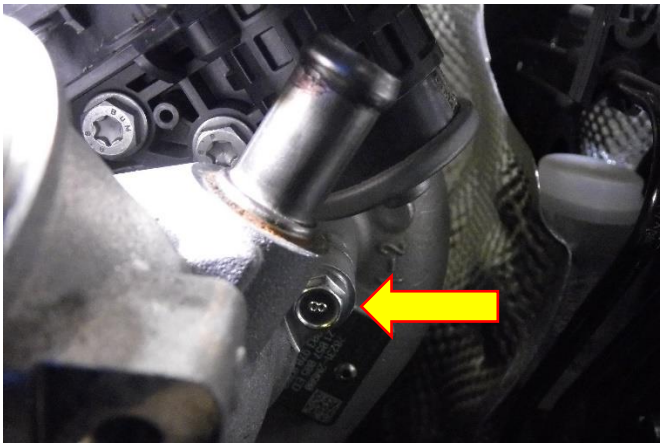


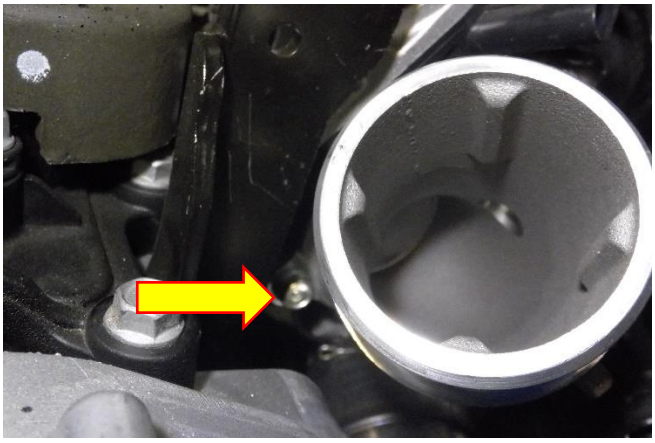
5. Using long nose pliers loosen the hose clamp to allow the removal of the oil breather pipe attached to the turbo adaptor.



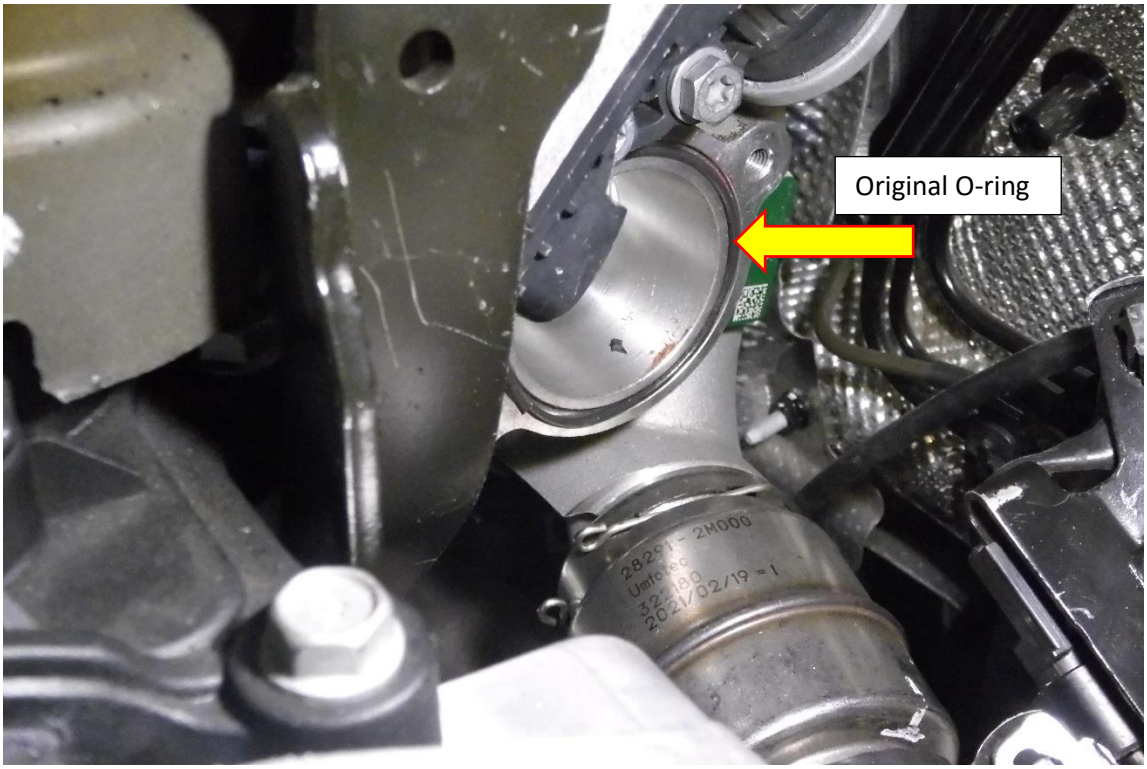
6. Using a 10mm socket and ratchet with extension remove the X2 M6 fasteners attaching the turbo adaptor to the turbo charger. Remove the turbo adaptor from the vehicle.



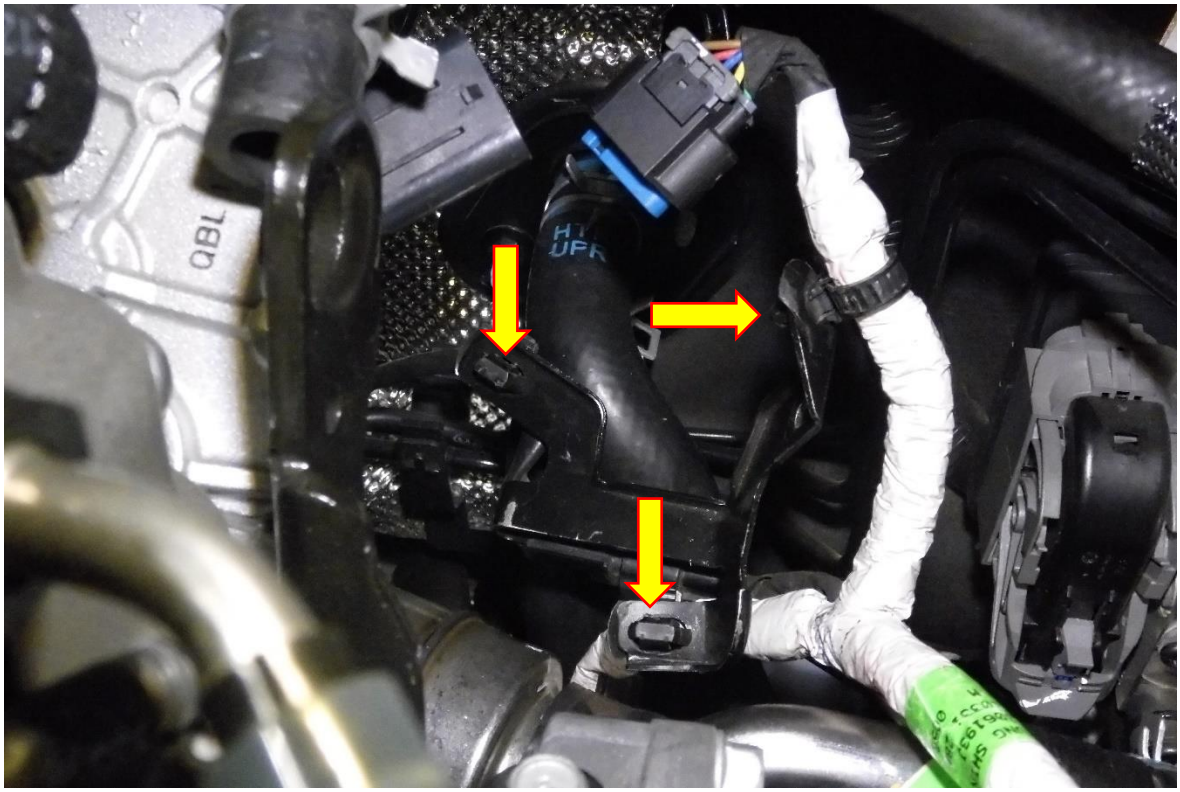


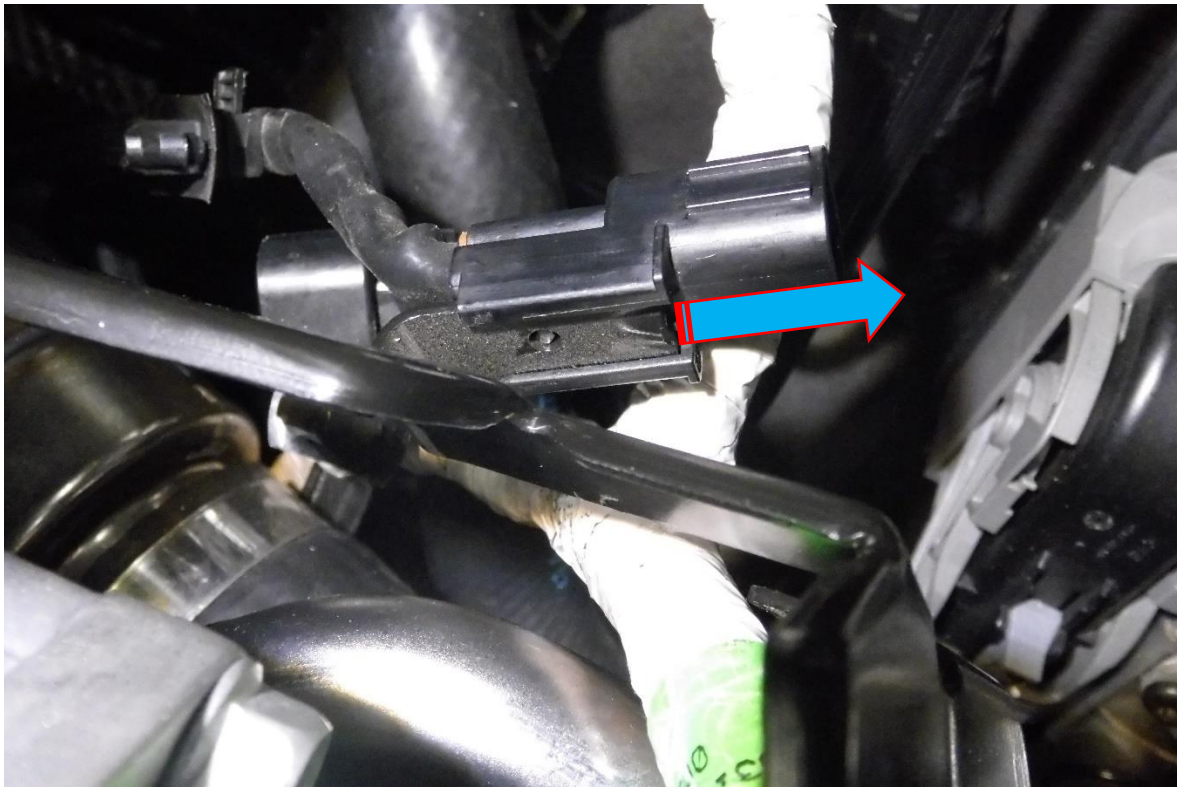


7. IMPORTANT Before installing the Forge Motorsport turbo adaptor, make sure the original O-ring is seated correctly into the turbo.

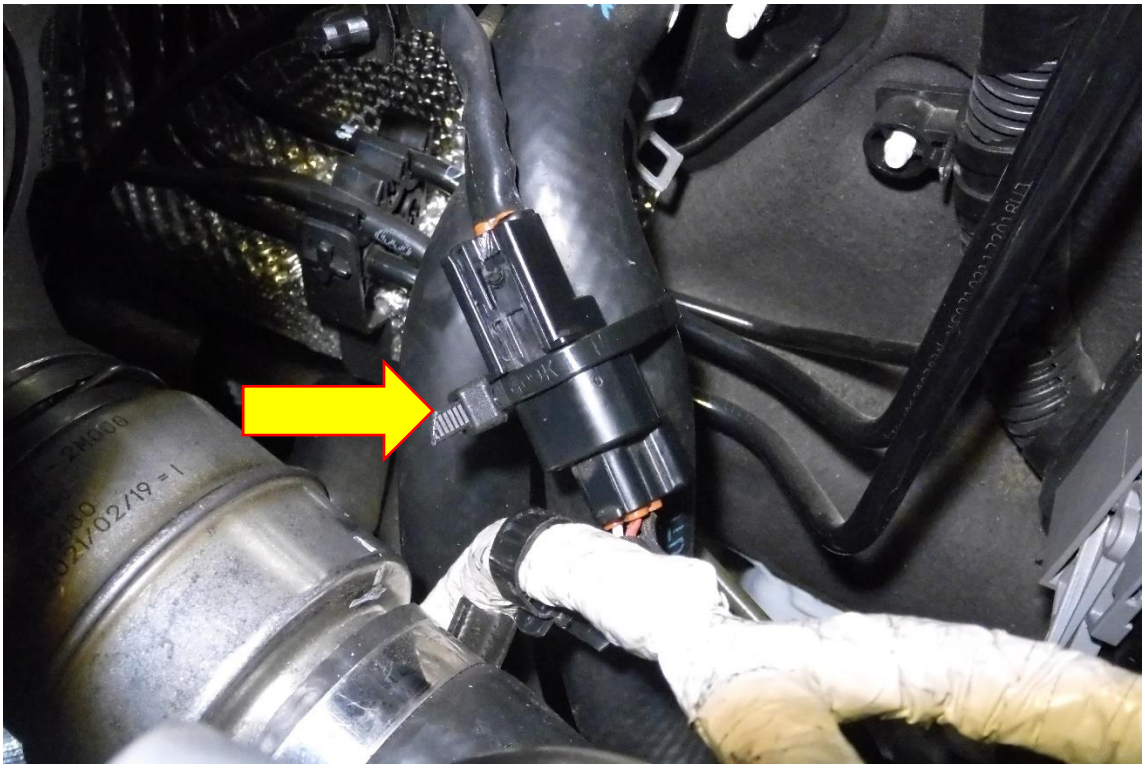


8. Pinch the tabs inwards to release the retaining clips on the actuator and lambda wiring looms to remove the bracket.

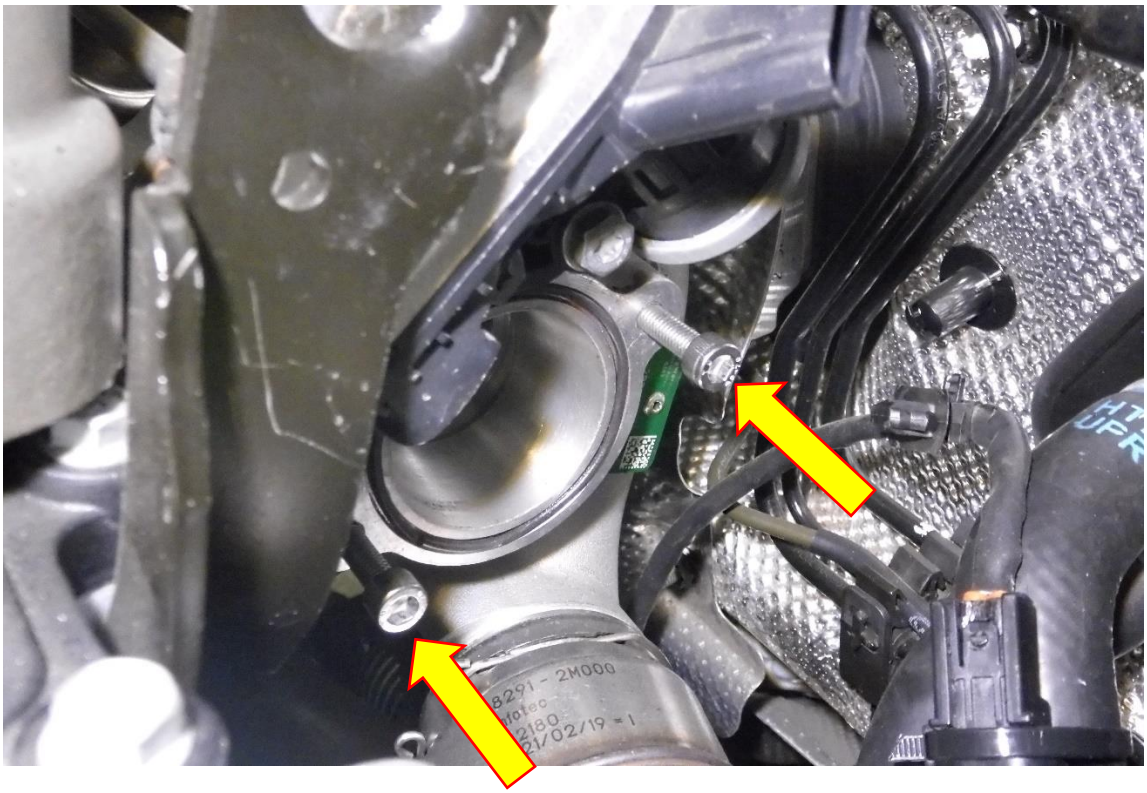




9. Using the supplied cable tie with the FMTIA11 kit, secure the Lambda loom to the coolant hose but not too tight .Using cutters cut off the excess.

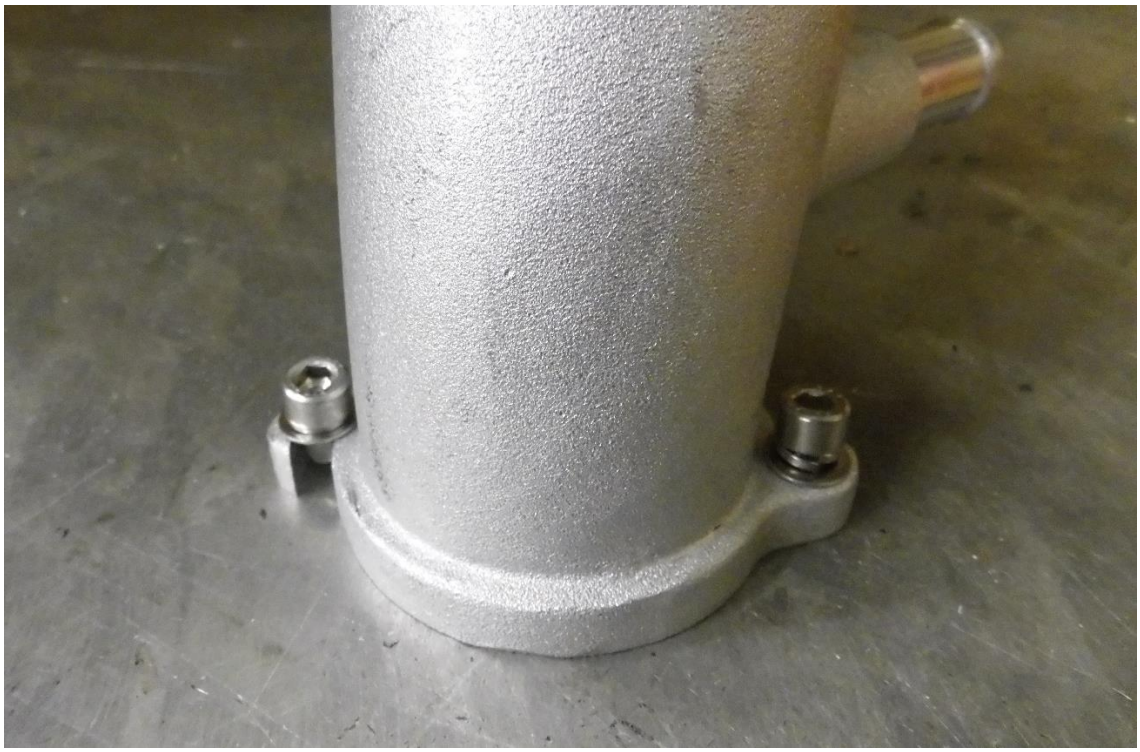


10. Using the supplied M6 Allen cap head fasteners and M6 plain and spring washers from the FMTIA15 kit, screw them into the turbo four full revolutions by hand at this stage.

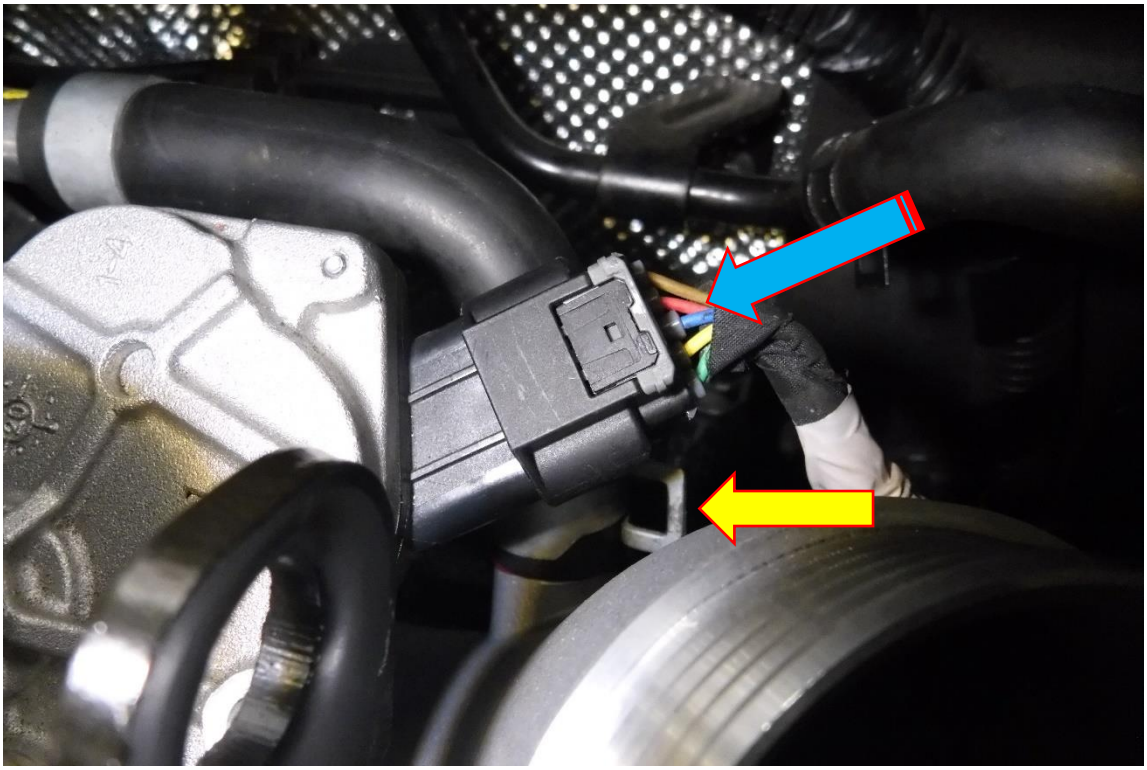


11. Attach the Forge Motorsport turbo adaptor onto the turbo, make sure the locating hooks on the adaptor are lined up with the M6 fasteners and the breather pipe is orientated correctly. Using a 5mm Allen key secure the turbo adaptor by tightening the M6 fasteners fully.

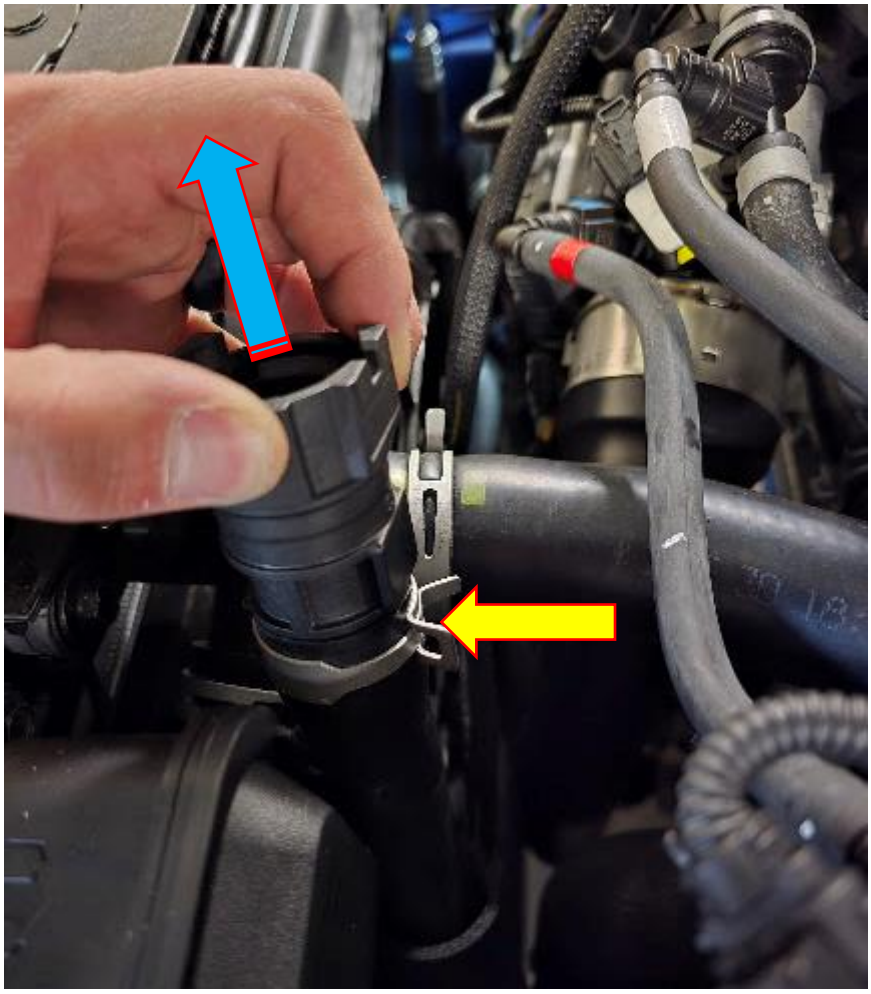
The picture below is only to illustrate how the fasteners should look when fully tightened!



12. Re-attach the oil breather hose to the Forge Motorsport turbo adaptor and plug the wiring loom back into the turbo actuator.

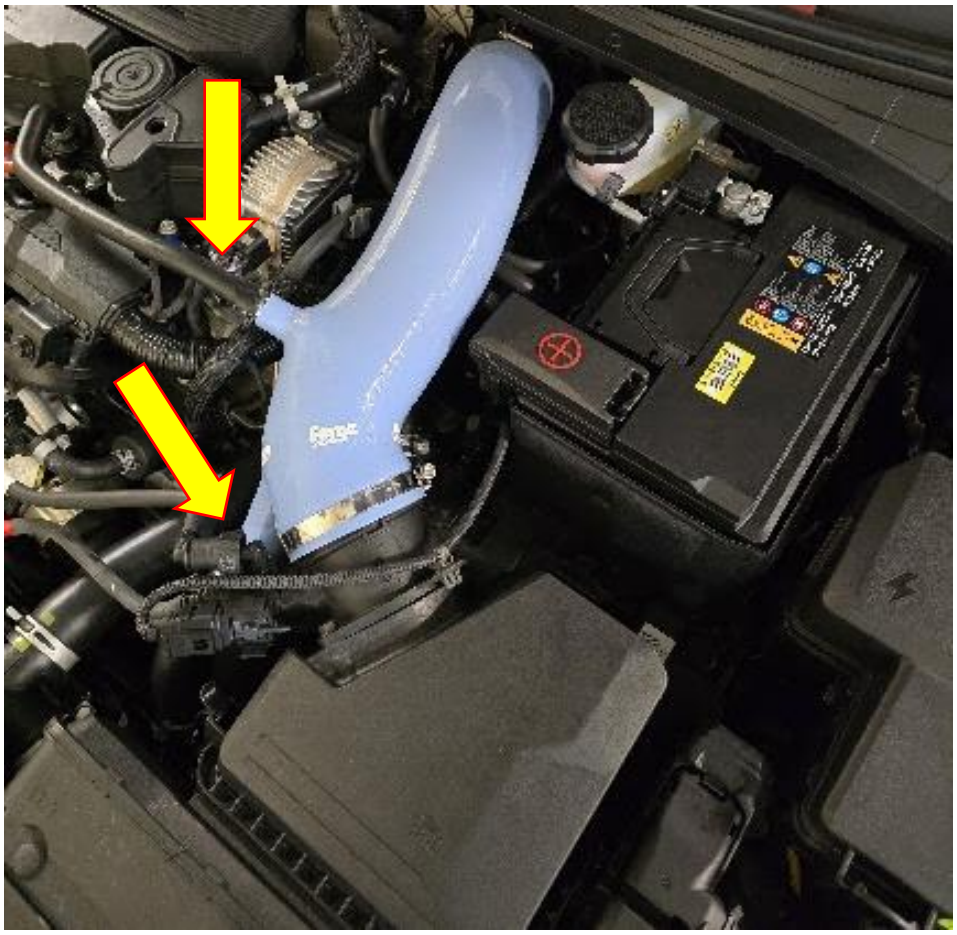


13. Using a hose clamp removal tool release the hose clamp attaching the DV hose plastic joiner and remove the plastic joiner completely from the rubber DV hose.

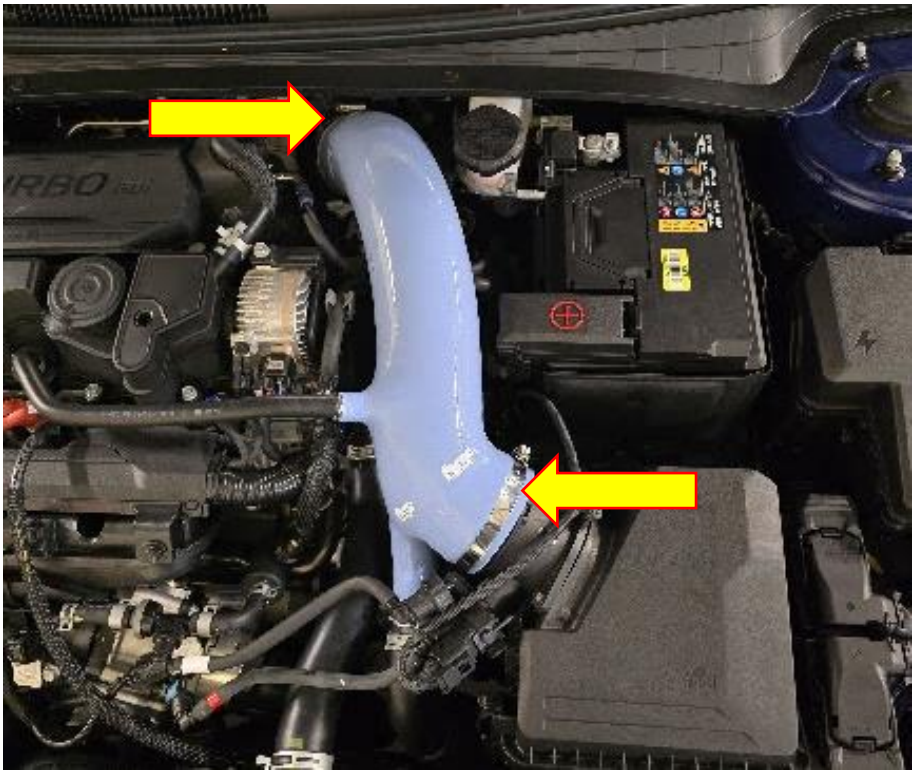


14. Attach the two machined alloy joiners to the FMTIA15 hose, these are just a push fit.

15. Remove the oil breather hose clamp as it is not needed. You can then fit the oil breather hose and DV hose to the supplied Forge silicone hose, however you will need to use the OEM hose clamp on the rubber DV hose.



16. Using a 7mm socket and ratchet attach the silicone hose and 70-90 hose clamp from the FMTIA15 kit to the air box FIRST. Then using the remaining 70-90 hose clamp attach the other end of the silicone hose to the turbo adaptor.



17. This is the installation of FMTIA15 completed, give the vehicle a final check of all connections then take it for a test drive and enjoy the added performance from your new Forge Motorsport product.

Check out www.forgemotorsport.co.uk
and www.forgemotorsport.com
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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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