

Peugeot 308 GTi Induction Kit Fitting Instructions

Tools needed:

- Ratchet and Socket Set
- Allen Keys
- Torx Bits
- Jubilee Clip Flexi-Driver or Flat-Blade Screwdriver

Kit includes:

- 1x AIRTEC Motorsport Enclosed Induction Shield
- 1x AIRTEC Motorsport Air Filter
- 1x Pro Hoses Silicone Hose Connector
- **Fitting Kit:**
 - 3x Aluminium Take Offs
 - 1x Solid Screw Thread Take-Off
 - 2x M6x20mm Button Head Bolts
 - 2x M6x16mm Button Head Bolts
 - 8x M6 Pan Washers
 - 4x M6 Nyloc Nuts
 - 1x 80mm Jubilee Clip
 - 1x 35mm Jubilee Clip
 - 2x 25mm Jubilee Clips
 - 1x 90mm Jubilee Clip
 - 12x Plastic Push Fittings
 - 1x Large Cable Tie
 - 3x Rubber Trims



PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR
WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions

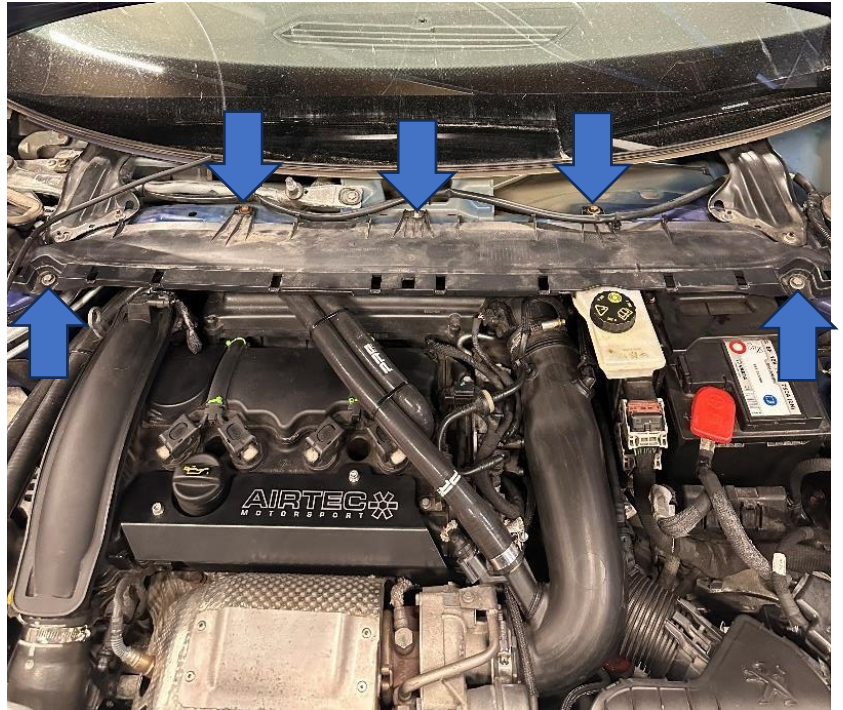
1. Start by removing the wiper blades using a small flat-blade screwdriver to lever them off where there is a cut out. Then use a 16mm socket to undo the nut and pull the wipers up from the splines to remove them.



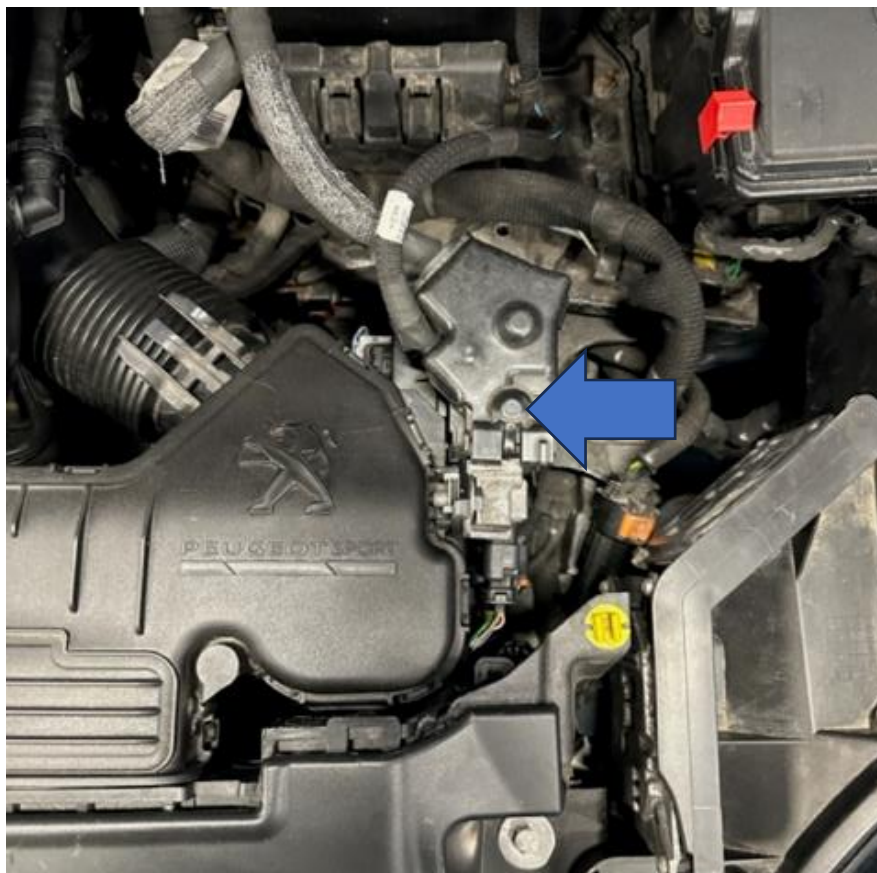
2. Remove the upper scuttle panel by lifting it from the front edge first to release the clips and then pull the panel down and away from the windscreen. Start at one end and work your way across to release the trim. Before the panel can be fully removed, you will need to disconnect the washer jet connection.



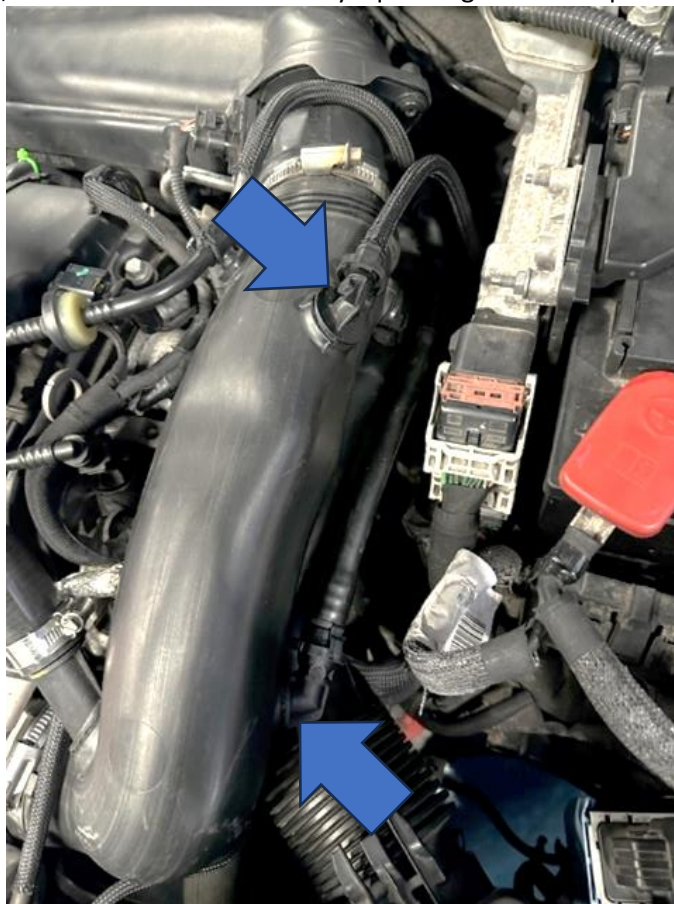
- Now detach the brake fluid reservoir by undoing the two crosshead screws and pulling it away. It will only move a very small amount but ensure to keep it upright to avoid spilling any fluid. The five 10mm bolts can then be removed from the bottom scuttle panel and the wiring harness clips released before the panel can be removed from the vehicle.



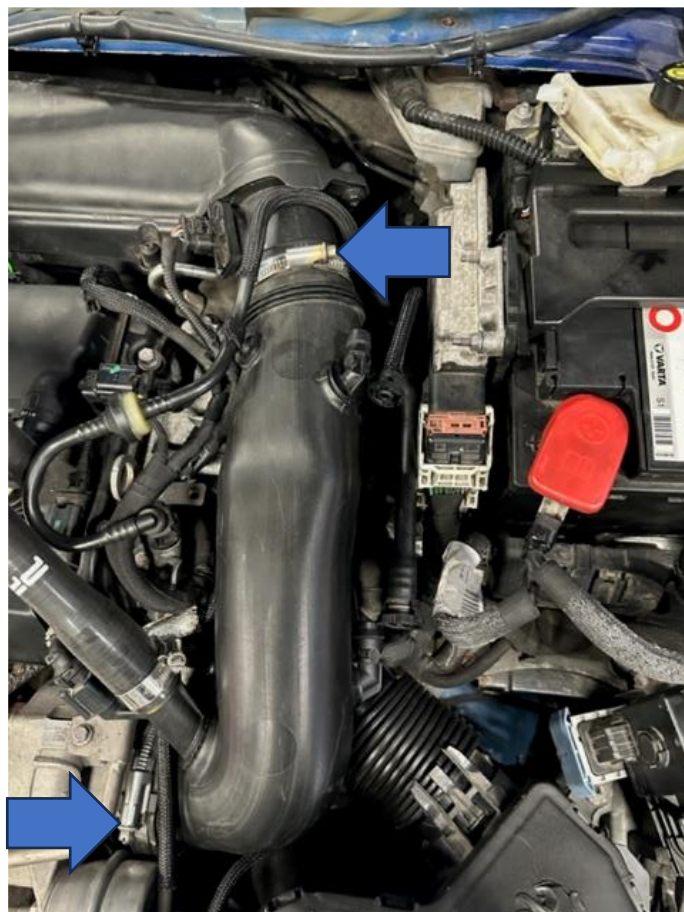
- Undo the 10mm bolt holding the control box shown and move it out the way to the right-hand side.



5. On the induction pipe, release the two take-offs by squeezing the side clips as you pull on them.



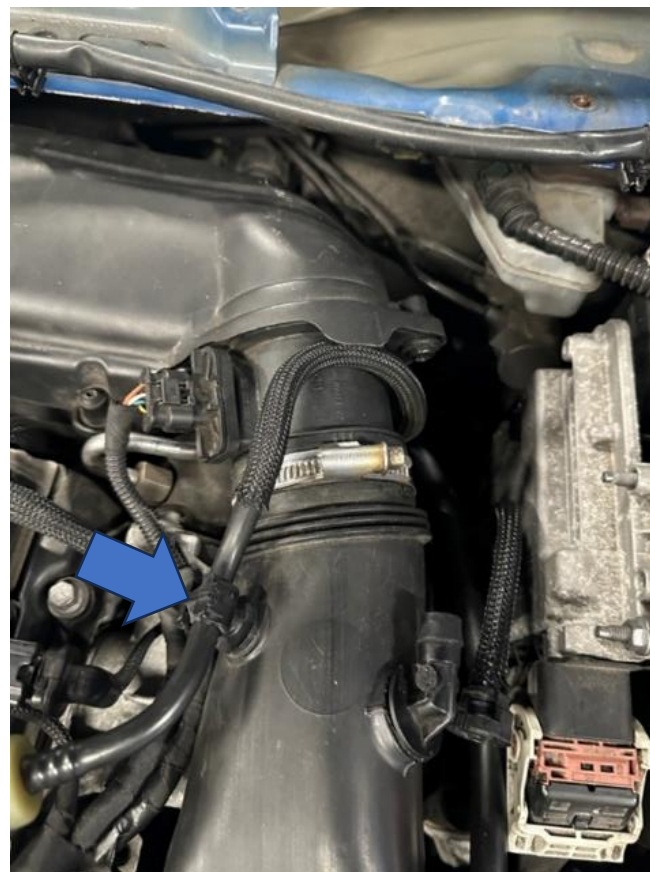
6. Undo the two jubilee clips attaching the induction pipe to the air box and turbo.



7. Undo the breather hose jubilee clip and pull back the hose and then unclip the wiring plug.



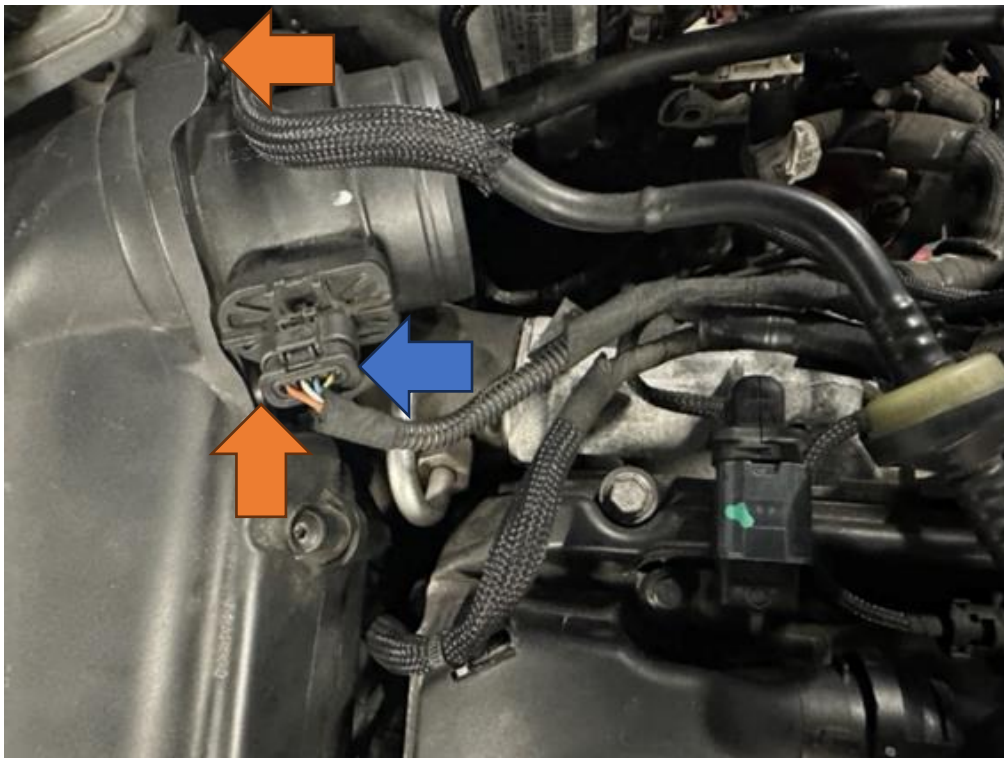
8. Unclip the plastic hose and the original plastic inlet pipe can be removed from the car.



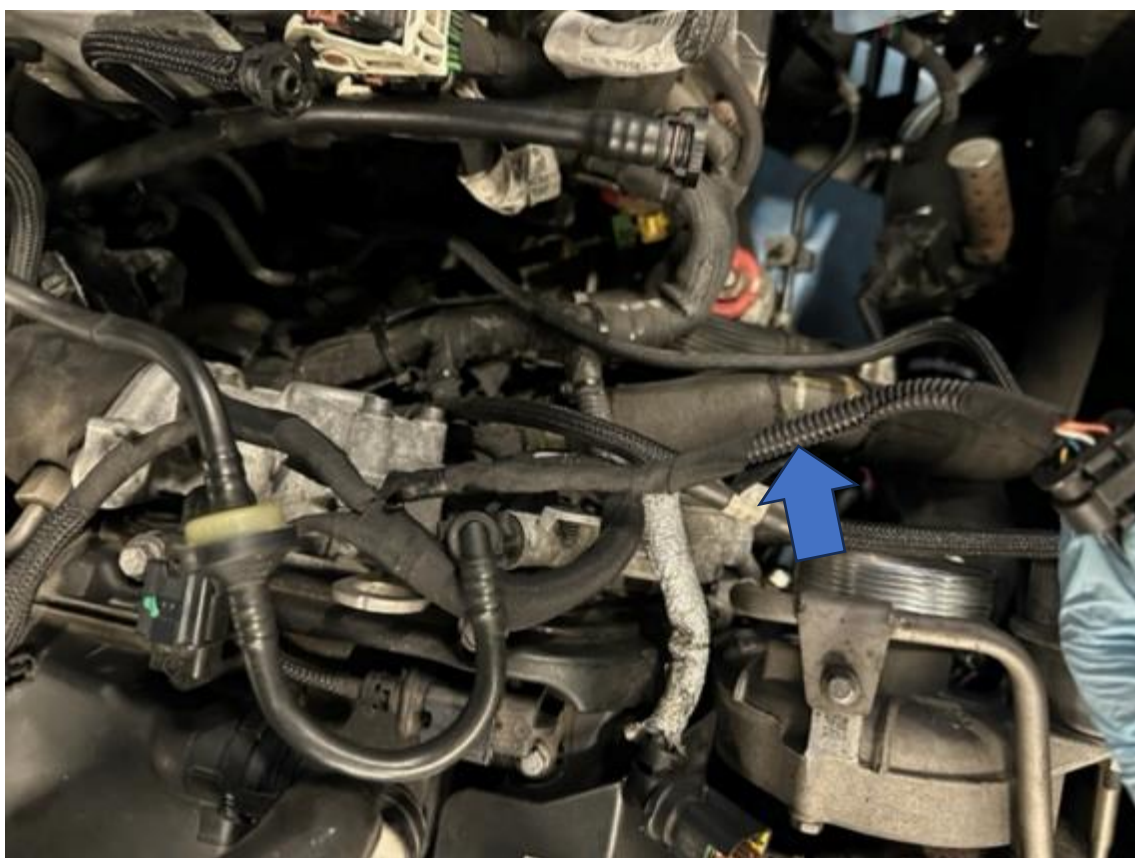
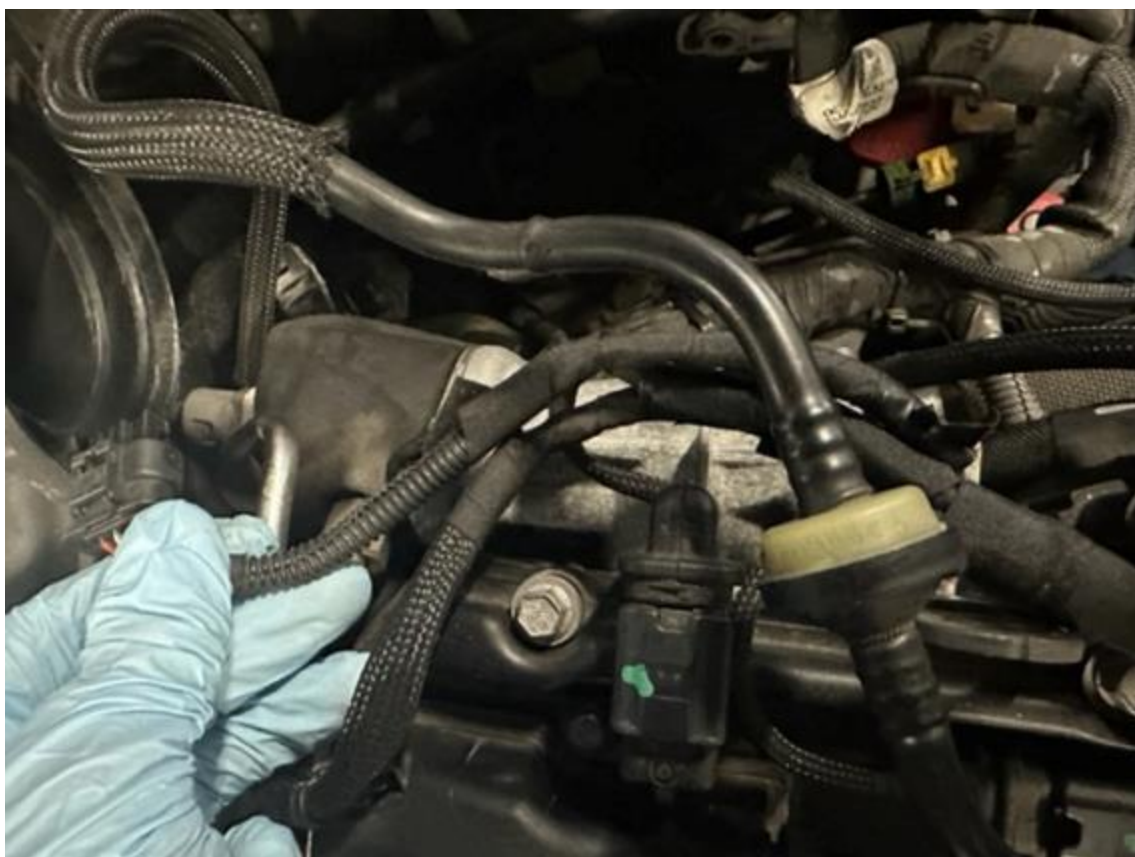
9. Remove the air feed hose from the car by releasing it from the clip at the front and then by squeezing it to remove from the air box.



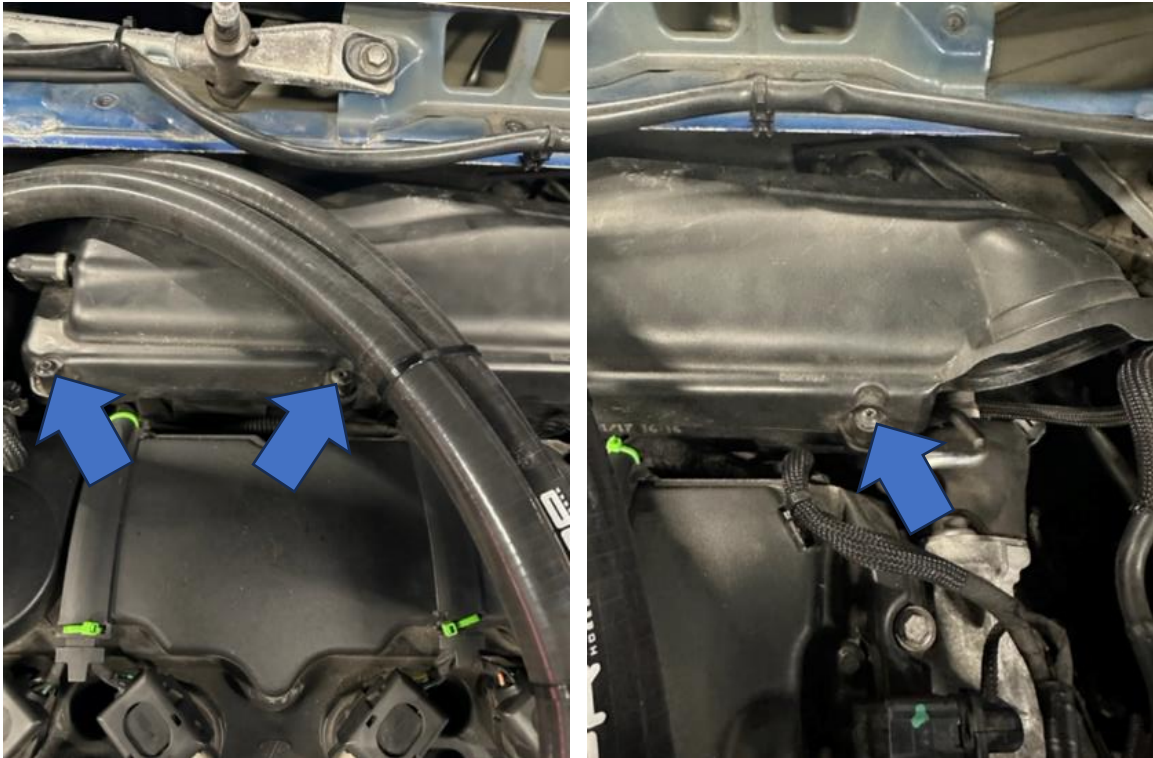
10. Remove the MAF housing by unplugging the sensor (blue arrow) followed by undoing the two T27 bolts (orange arrows) holding it to the standard air box.



11. Separate the MAF wiring loom from the rest of the wiring loom, as the sensor is being relocated later.



12. Remove the top of the air box by undoing the three T15 bolts holding it in place, then pull it towards the front of the car to remove.



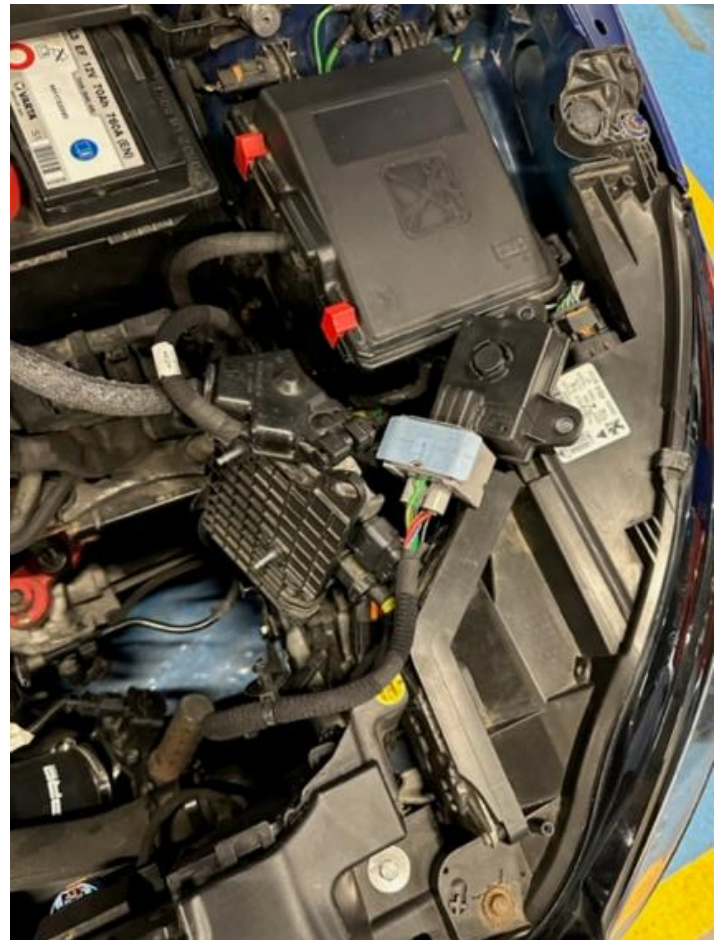
13. Now remove the take-off (blue arrow) by squeezing the tabs together and then undo the T20 Torx bolt (orange arrow), which will allow the bottom of the air box to be removed.



14. Fit the supplied threaded take-off into the hole the air box base was located in Step 13 and then connect the rear vacuum line removed in Step 13 to it.



15. Separate the two modules on the right-hand side by undoing the two 10mm nuts.



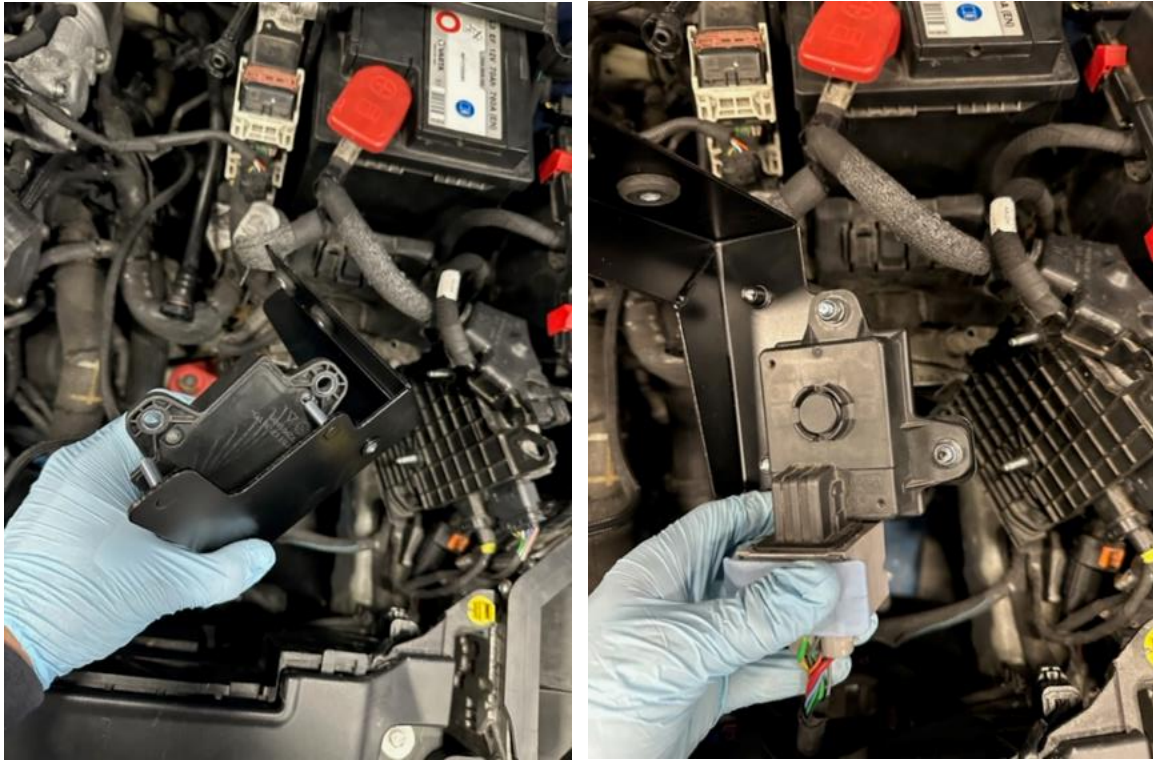
16. Undo the two 10mm bolts holding the lower bracket shown in place.



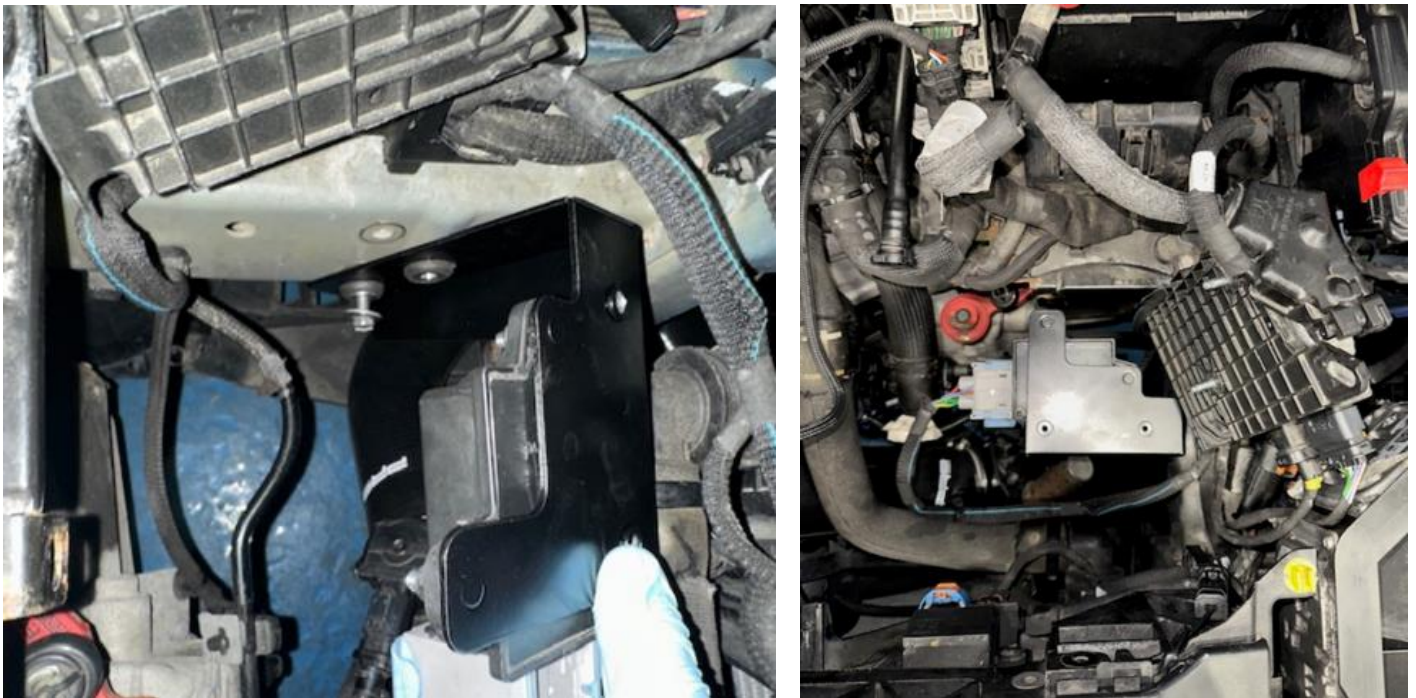
17. With the bracket off, transfer the original rubber bushes to the new bracket, as shown.



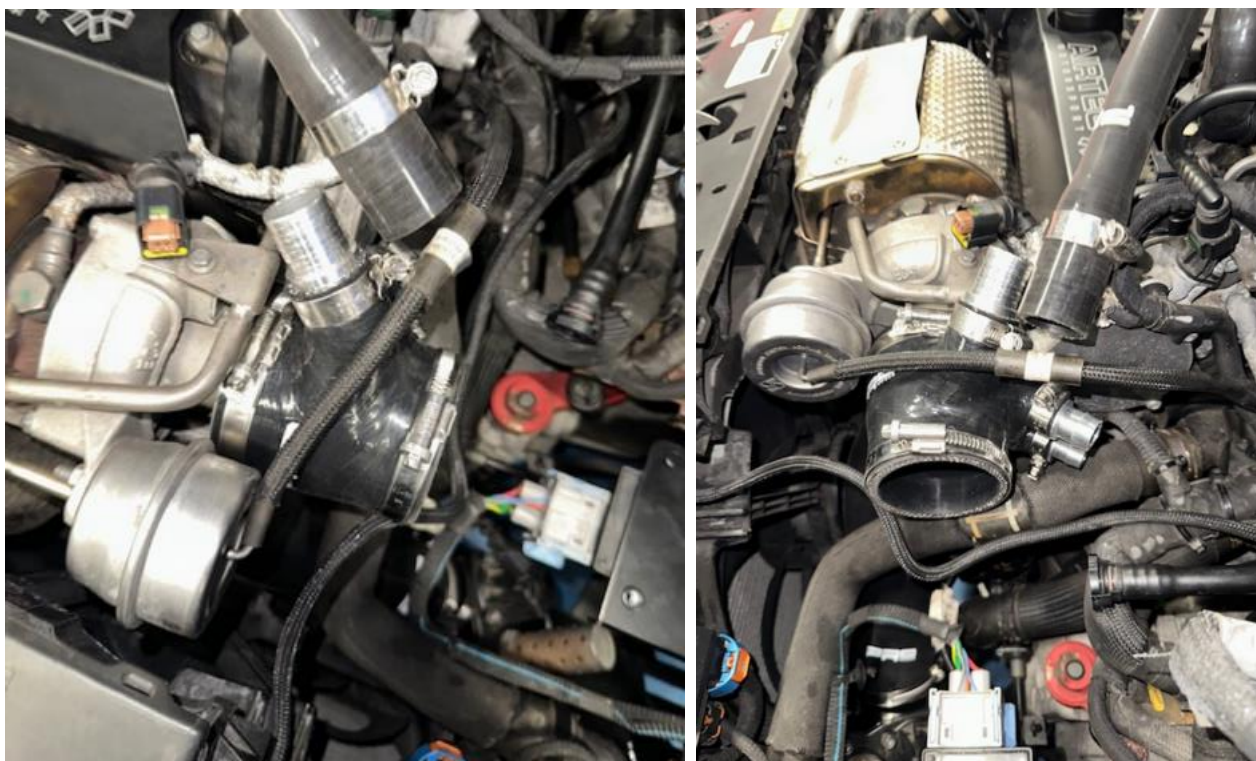
18. Relocate the sensor moved in Step 15 onto the new bracket's studs and use the supplied M6 Nyloc Nuts with washers to secure, as shown.



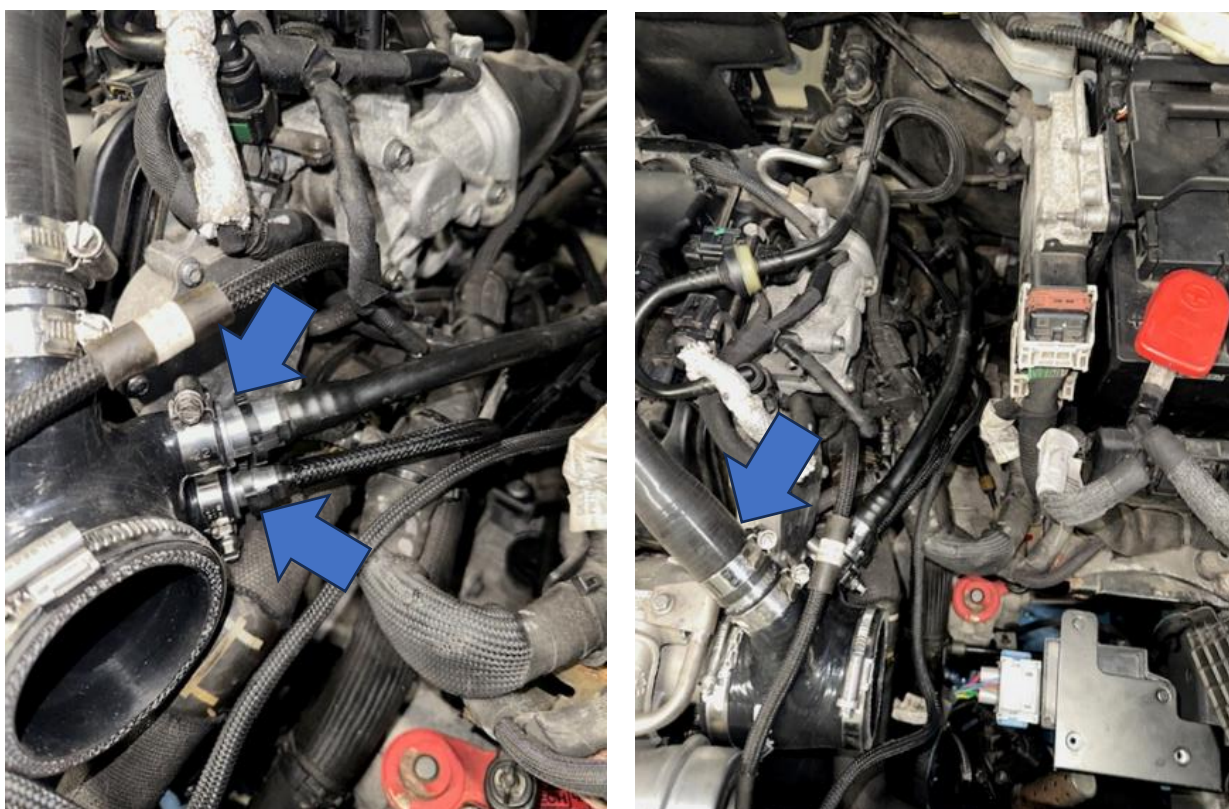
19. Bolt bracket into car reusing the original bolts removed in Step 16.



20. Install the new silicone hose connector onto the turbo in the orientation shown and secure in place with the supplied jubilee clip.



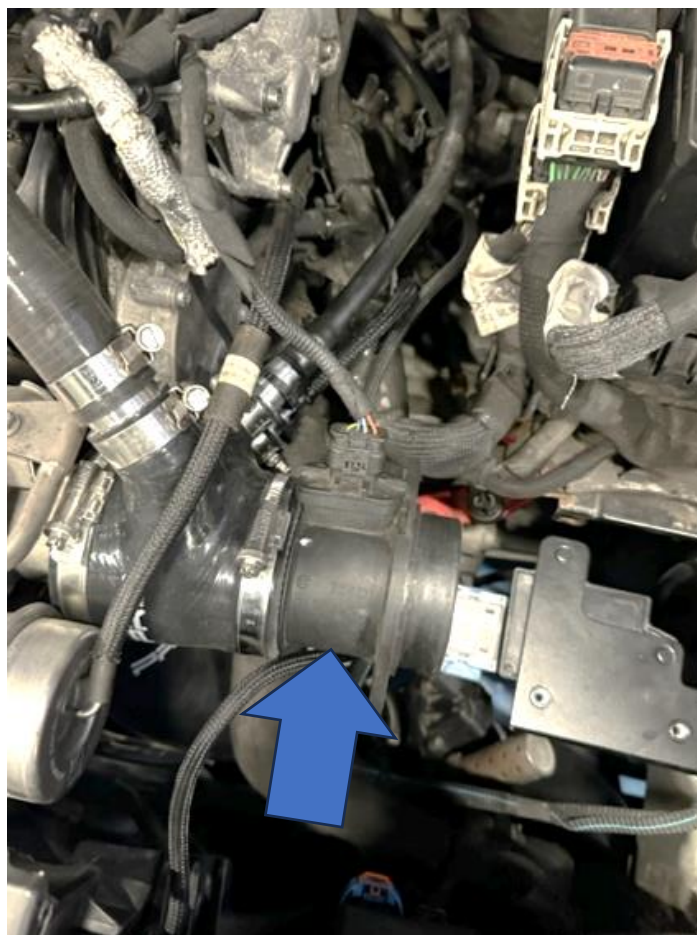
21. Reconnect the two take offs removed in Step 5 by pushing them on until you hear a positive 'click'. The breather hose removed in Step 7 hose can also be reinstalled.



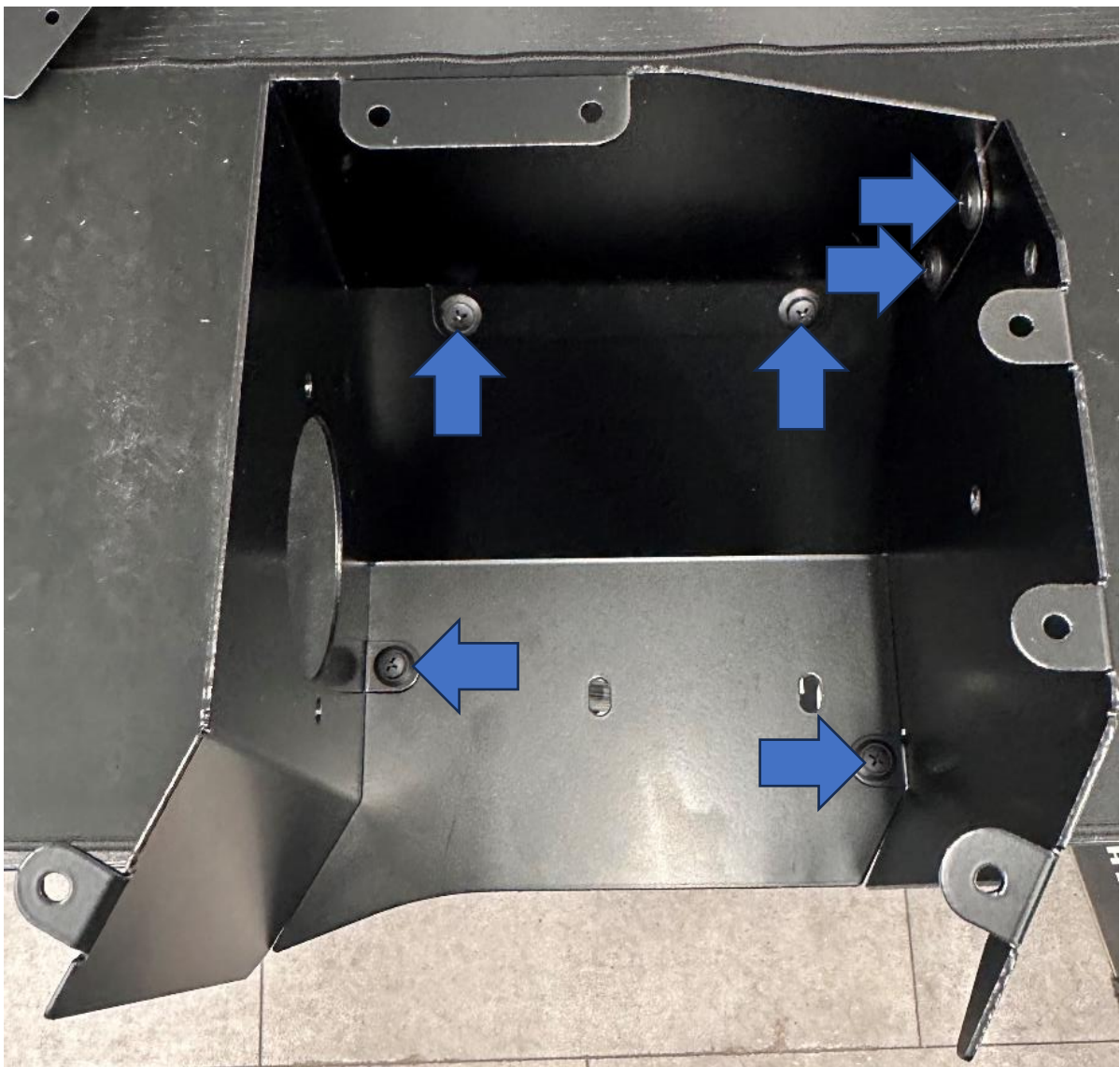
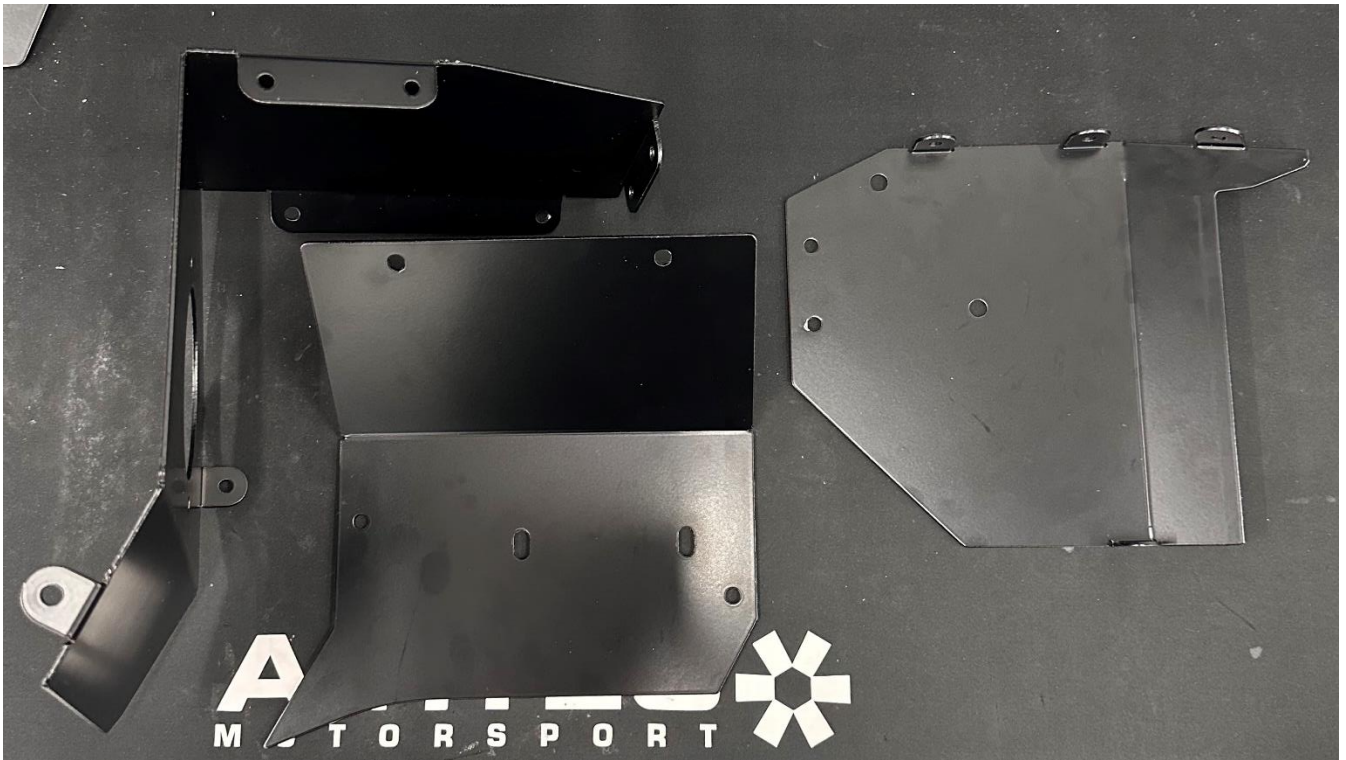
22. Use the supplied cable tie to secure the wiring plug unclipped in Step 7 securely.



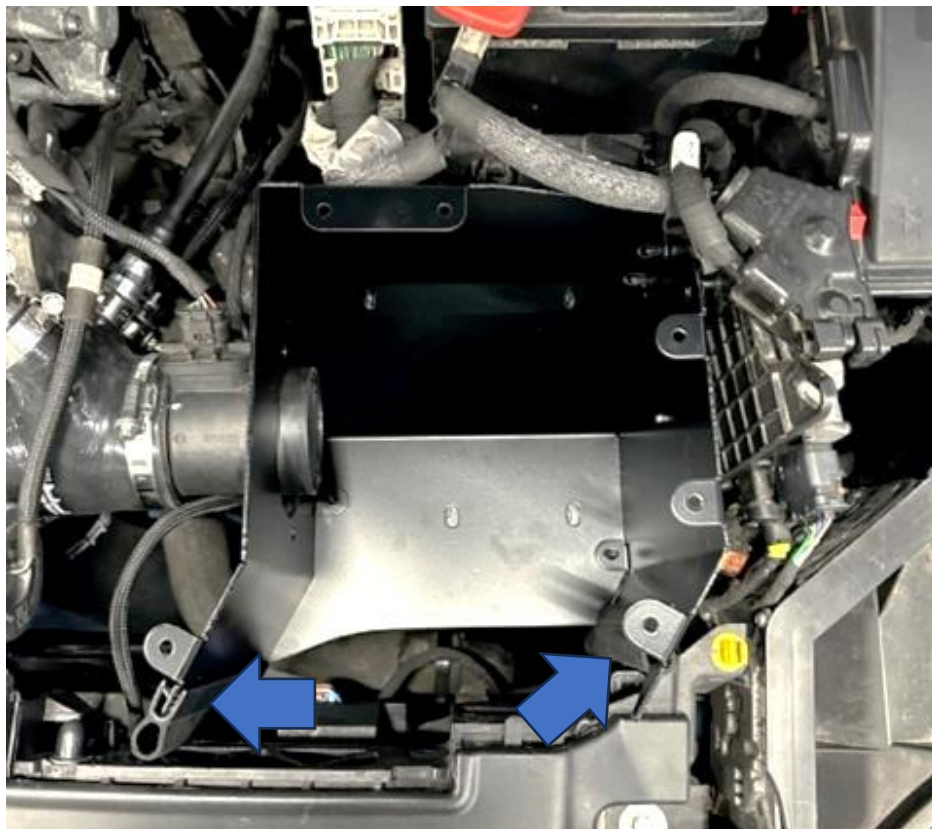
23. Now reinstall the MAF housing removed in Step 10 and reconnect the wiring plug, which should now have enough length. Then secure with the supplied jubilee clip.



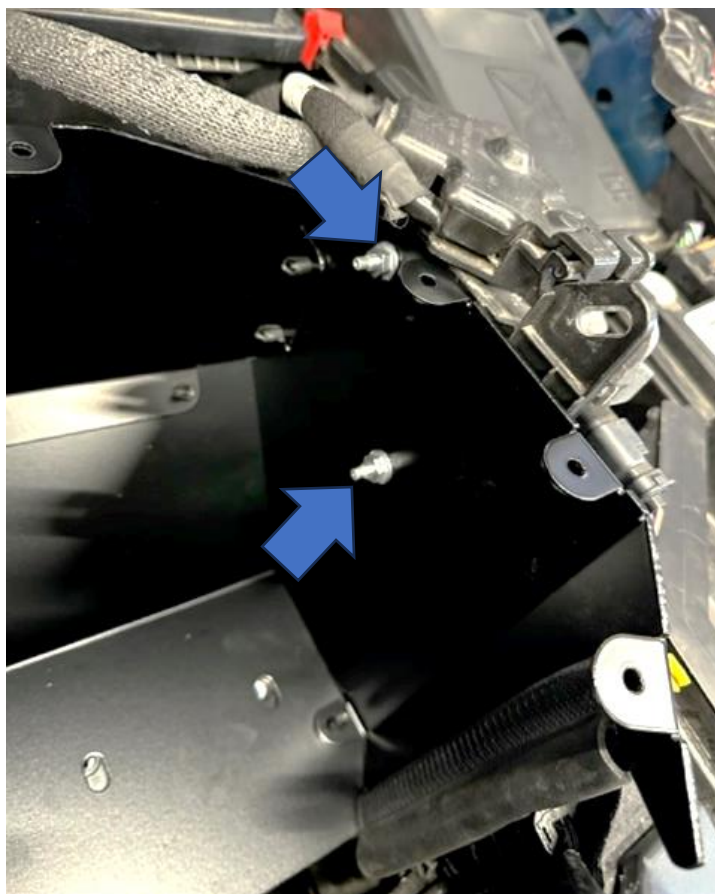
24. Next build up the induction shield as shown, using six of the supplied plastic push fittings to secure it.



25. Now you can install the shield into the car, as shown. Fit the two rubber trims in place at the same time.



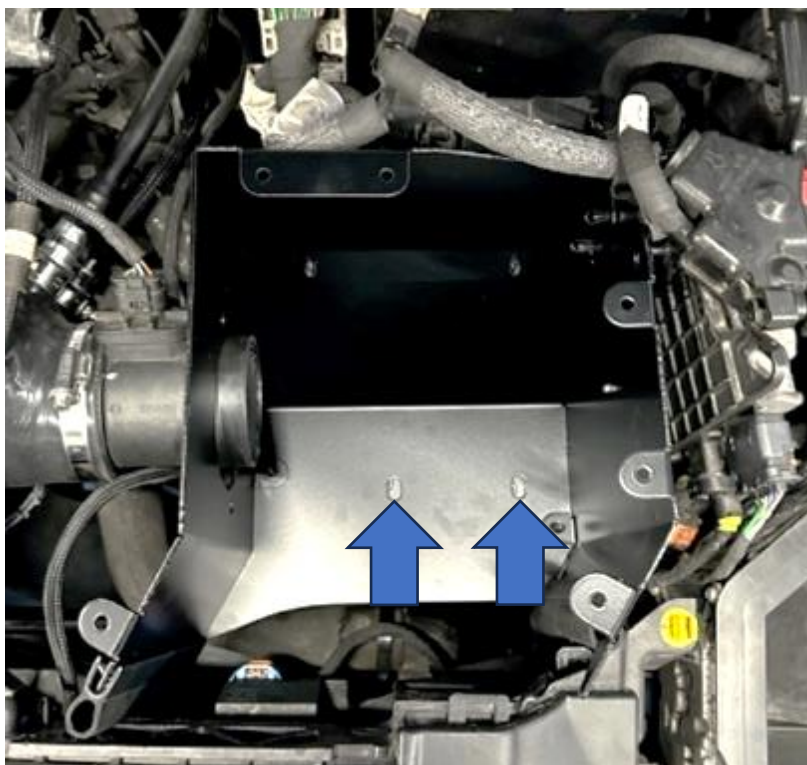
26. Locate the ECU's threaded studs through the holes in the side of the air box and secure using the original nuts removed in Step 15.



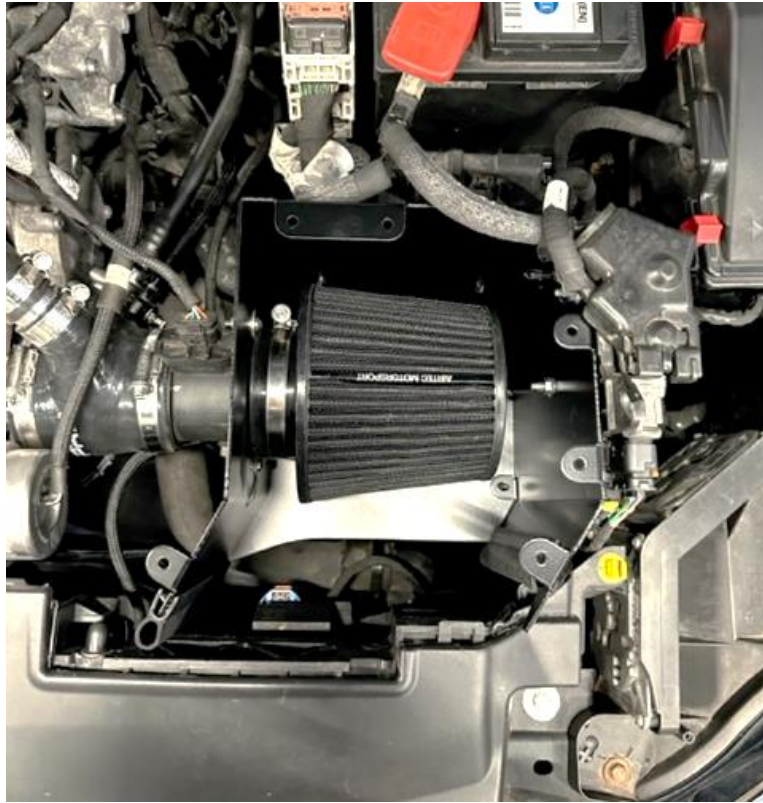
27. Bolt the MAF sensor housing and induction shield together using the supplied M6 bolts with nuts and washers.



28. Now bolt the lower piece in place using remaining M6 bolts, nuts and washers.



29. Install the air filter and secure using the supplied jubilee clip.



30. Finally, add the induction shield lid with rubber trim and secure by installing the six remaining push fittings into the round holes first and then into the slotted hole last, as this allows for any movement that maybe required. You can then refit the wipers and scuttle panel in reverse of removal.

