

AIRTEC MOTORSPORT Fitting Instructions

Vehicle:	BMW G8x M2/3/4
Product:	Direct Dual Route Intake Kit
Part number:	ATIKBMW9 / ATIKBMW11



Kit Contents:

1x AIRTEC Motorsport Two-Piece Aluminium Shield	2x M6x12mm Button Head Bolts
1x AIRTEC Motorsport 2-into-1 Induction pipe	2x M6 Washers
1x AIRTEC Motorsport Group A Air Filter	2x M5x16mm Button Head Bolts
2x Pro Hoses Silicone Joiners	2x M5 Washers
2x Aluminium Push Fit Bosses	2x M5 Rubber Rivnuts
2x Spring Clips	4x 90mm Jubilee clips

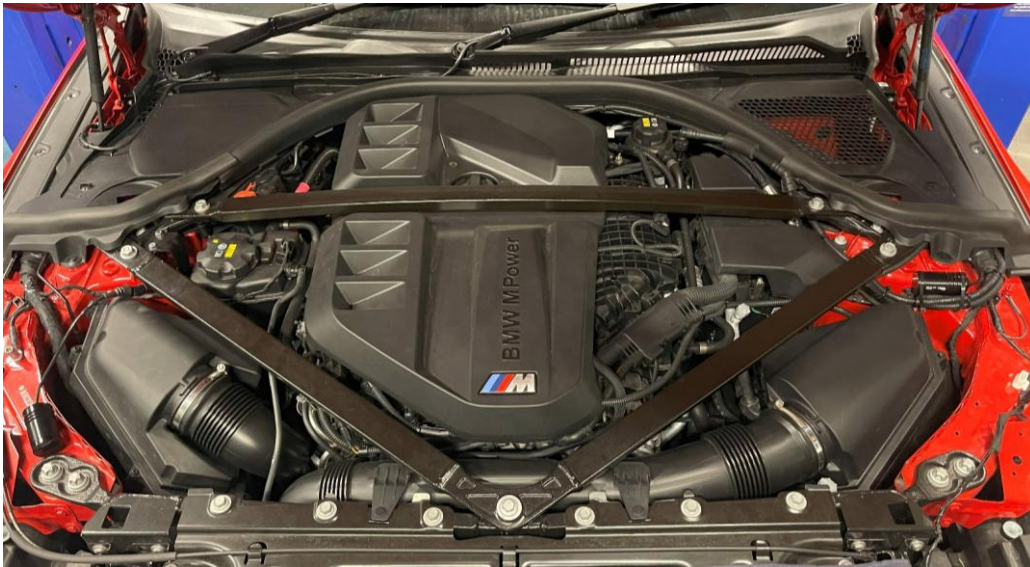
Tools Required:

Ratchet and Socket Set	Trim Removal Tool
Flat-Blade Screwdriver	

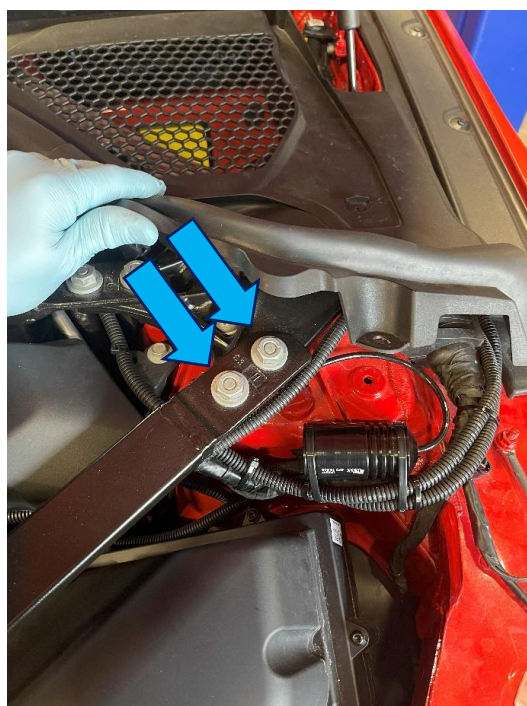
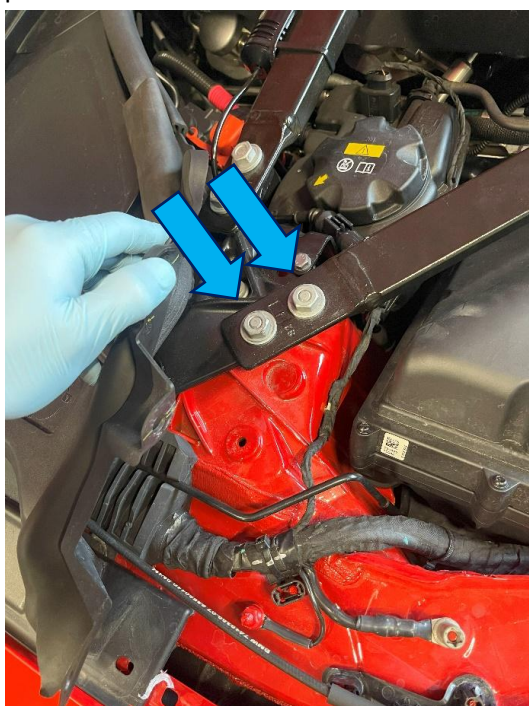
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions:

1. Start by removing the six plastic push fits on the plastic trim panels in order to gain access to the bolts securing the struct brace.



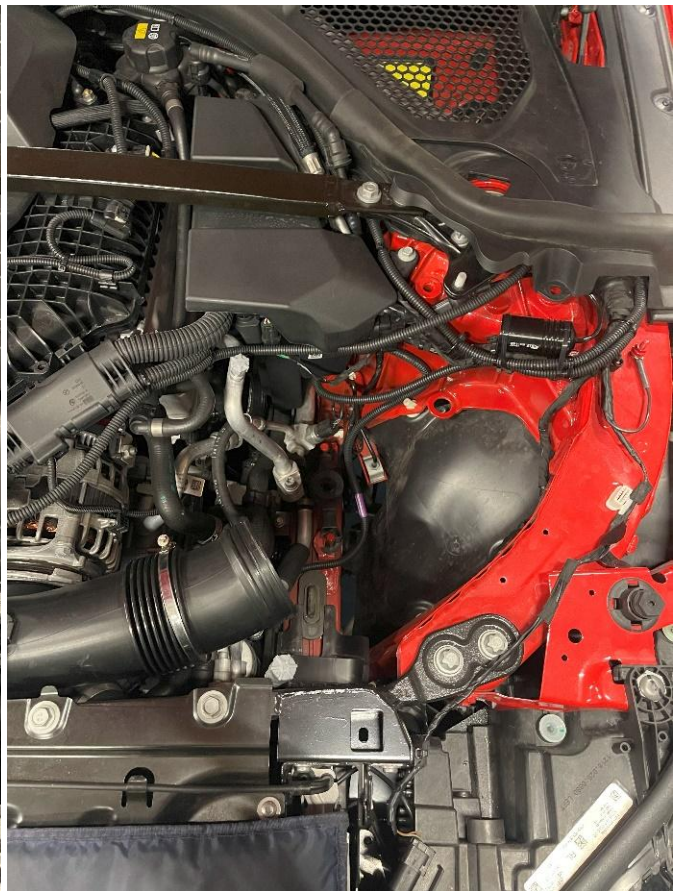
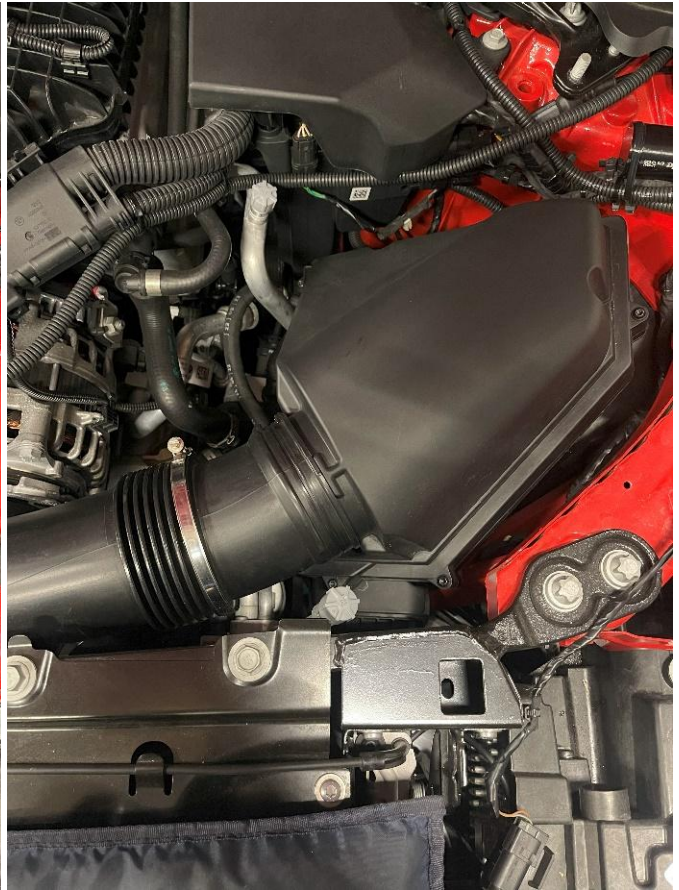
2. Now peel back the trims and undo the four 15mm bolts underneath..



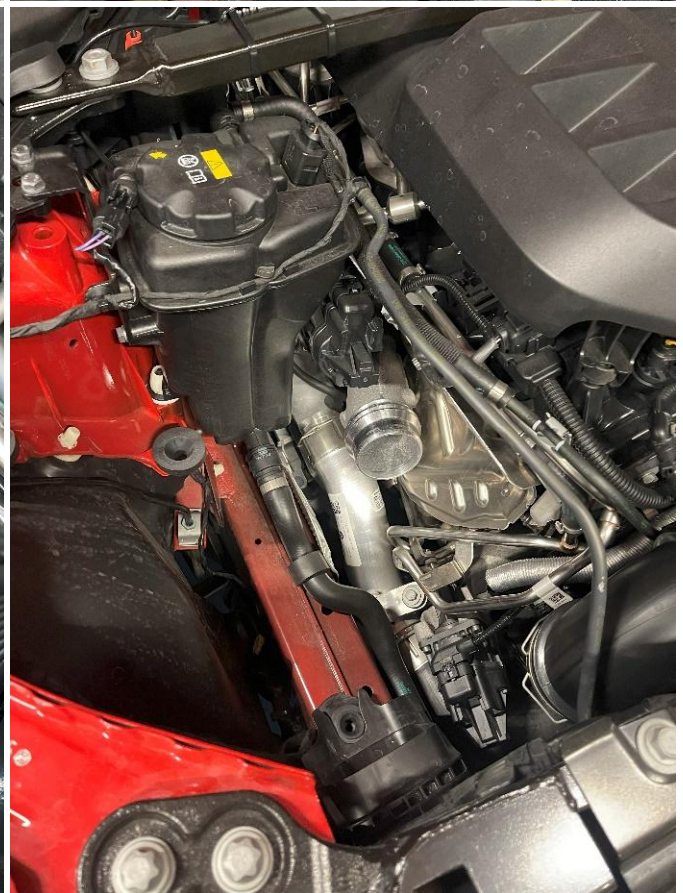
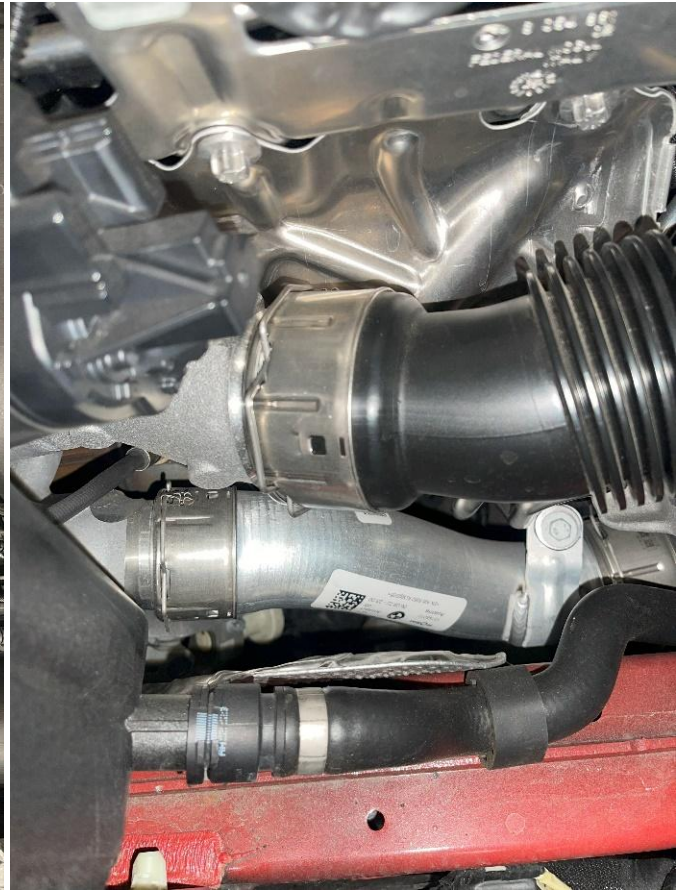
3. Undo the 13mm bolt at the front of the strut brace and remove.



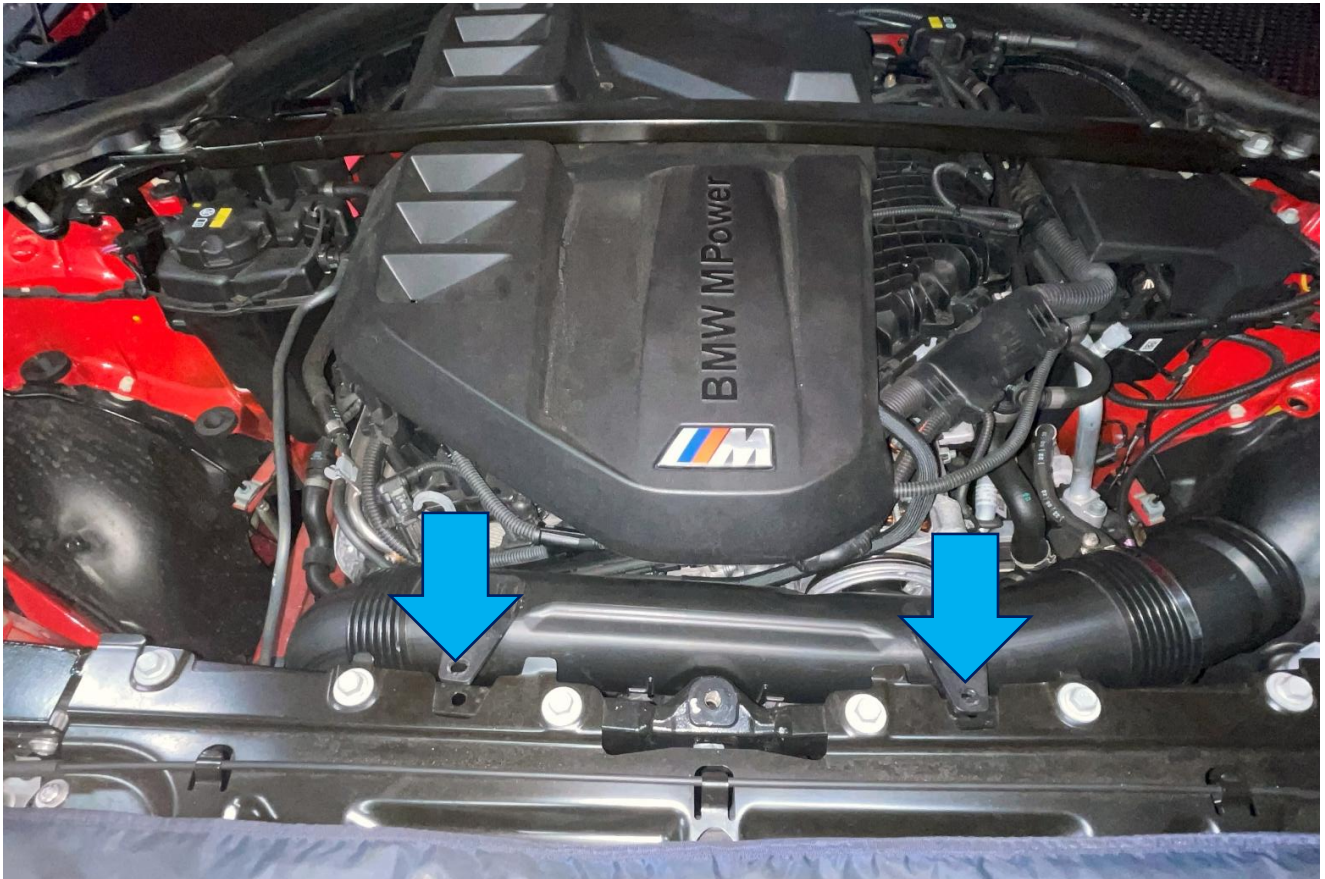
4. Loosen the jubilee clip on each air box to release the hose and then lift the air boxes off their rubber mounts. Force is required, so be careful to not break or lose the rubber push fits.



5. To remove the left-hand side induction pipe, locate the spring clip and lift it up until the two ends sit in the recess that keeps the clip out of position. The pipe can then be pulled off of the turbo inlet.



6. The right-hand induction pipe crosses the front of the engine. To remove it, release the two plastic push fits that hold it in place and then follow the same process as the last Step to disconnect it from the turbo. **Please note:** The clip is very close to the actuator plug, so it may be necessary to disconnect this first.



7.

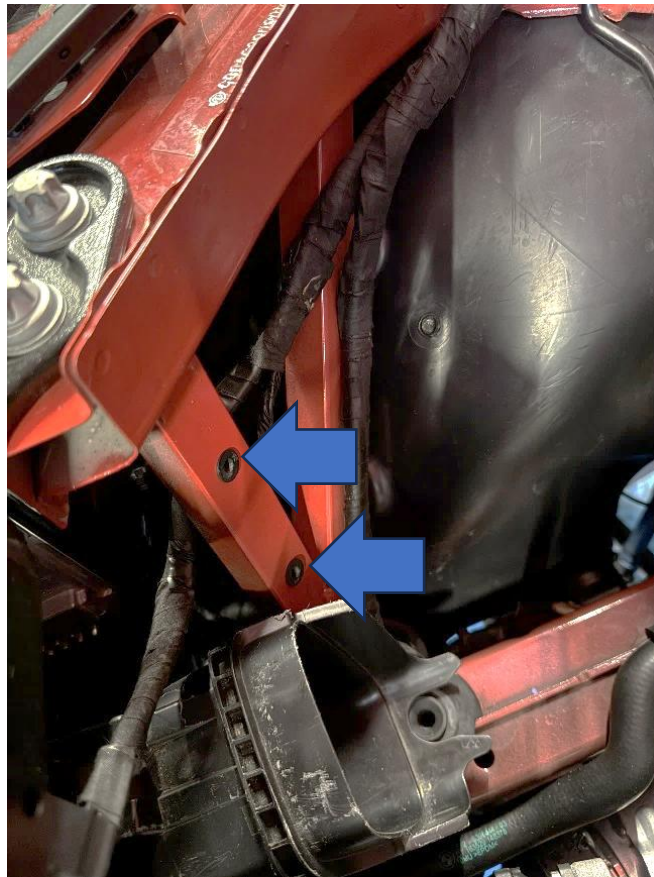
8. Now assemble the new induction shield by slotting the lower piece into the side piece. Once in place, secure with the push fit clips provided in the kit and attach the rubber trim to the edge supplied.



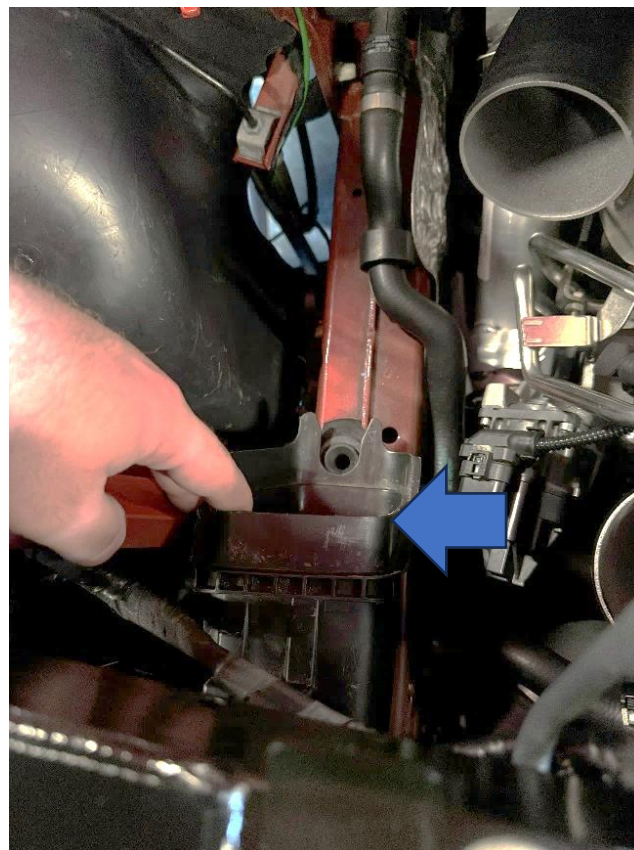
9. Install the two aluminium push fit bosses using the supplied M6 bolts with washers from the top.



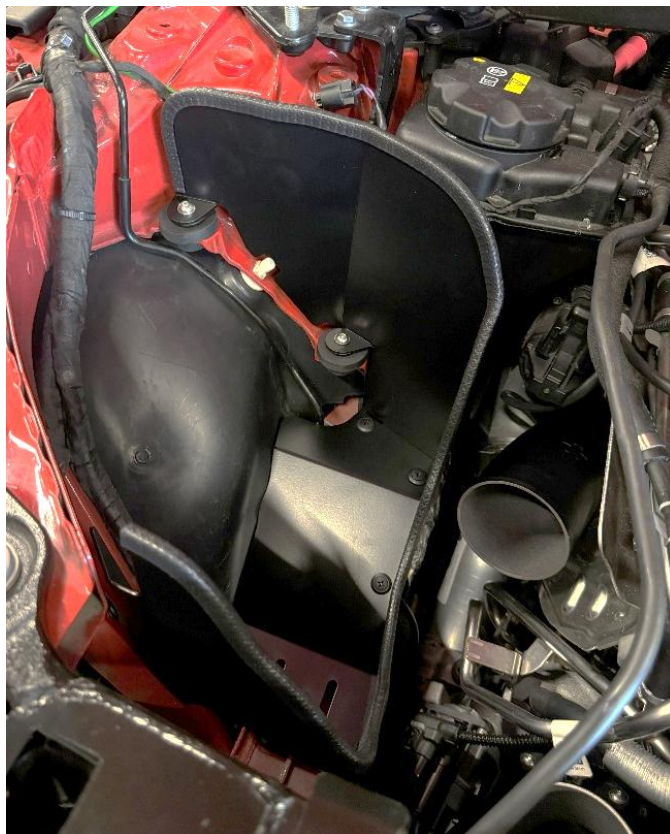
10. Insert the M5 Rubber Rivnuts supplied in the kit into the free holes in the slam panel support, as shown.



10. Remove the original front air guide by pulling it backwards and lifting it up.



11. Now locate the air guide within the induction shield as shown and then angle the whole assembly into position. You will feel the air guide slide onto its mount and when in position you can push the back of the shield down into the original rubber mounts.

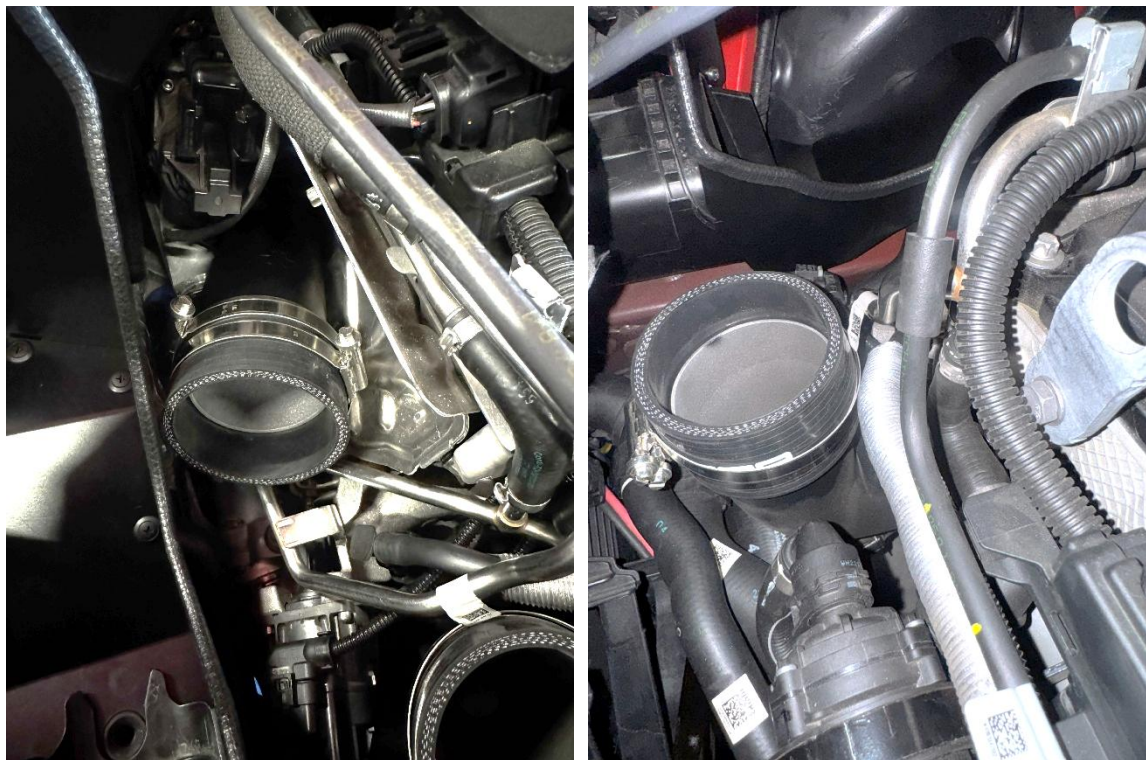


12. Secure the front of the shield with the supplied M5 bolts with washers. Ensure you apply pressure on the front edge to hold it against the front of the car whilst tightening so that the rubber Rivnut tightens against the car's frame. The air feed is not pictured here in order to show how the bottom of the shield aligns with the rubber mount.

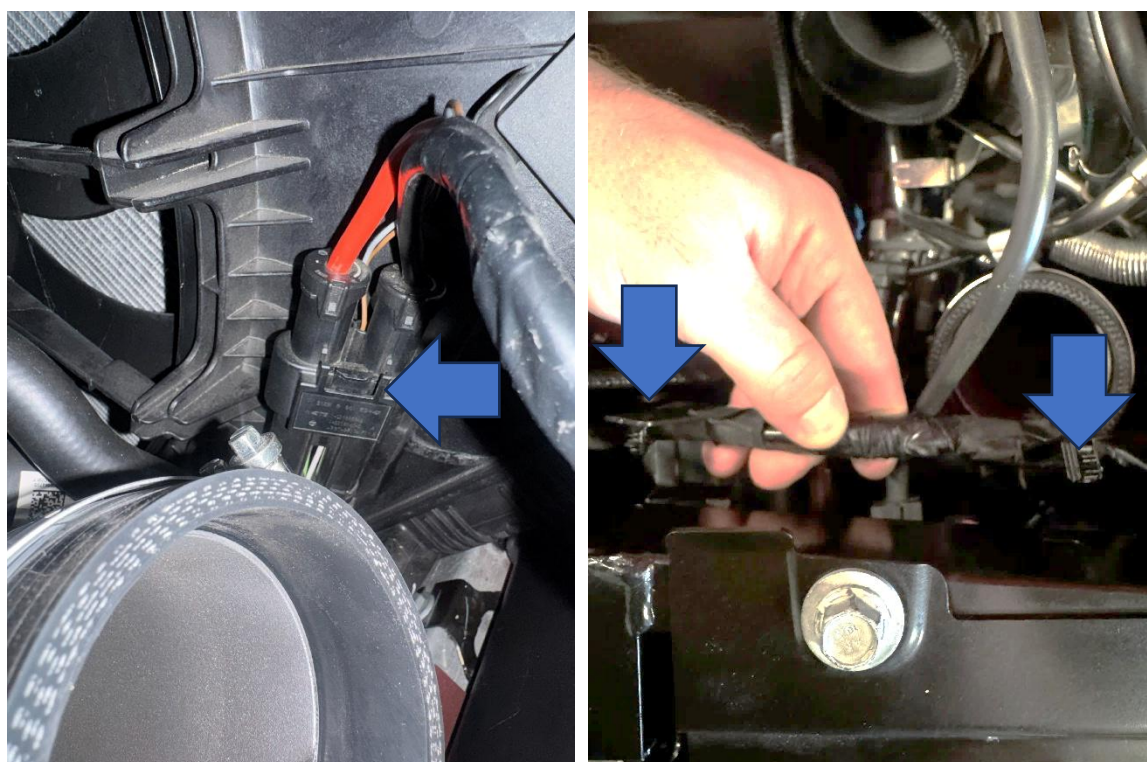


13. This car is fitted with the optional AIRTEC Motorsport turbo inlets, however if you have the original inlet pipes then remove the O-rings and spring clips and install them onto the CNC connectors supplied in the kit.

You can then fit them onto the turbo inlets before fitting the silicone hoses supplied in the kit, as shown. Place the jubilee clips as shown, but do not fully tighten at this stage to allow for adjustment.



14. For increased clearance, unplug the fan's electrical connector along with the two clips securing its wiring and then route the overflow header tank hose underneath the cable before refitting the clips along with reconnecting the fan.



15. Locate the induction pipe in place by rotating it into position. Line up the rear turbo first and then push the pipe down into the front silicone connector. You may want to use some lubricant on the hoses to help. Once in position, proceed to tighten the jubilee clips.



16. Finally, install the air filter and tighten the jubilee clip before finally reinstalling the struct brace and the plastic fits back into the side panels.

