

AIRTEC MOTORSPORT Fitting Instructions

Vehicle:	Toyota Corolla GR
Product:	Stage 1 Intercooler
Part number:	ATINTCGR2



Kit Contents:

<ul style="list-style-type: none">• 1x AIRTEC Motorsport Intercooler• 1x Pro-Hoses Hose Kit• 2x ABS Spacers	<ul style="list-style-type: none">• 1x 70mm Jubilee Clips• 3x 60mm Jubilee Clips
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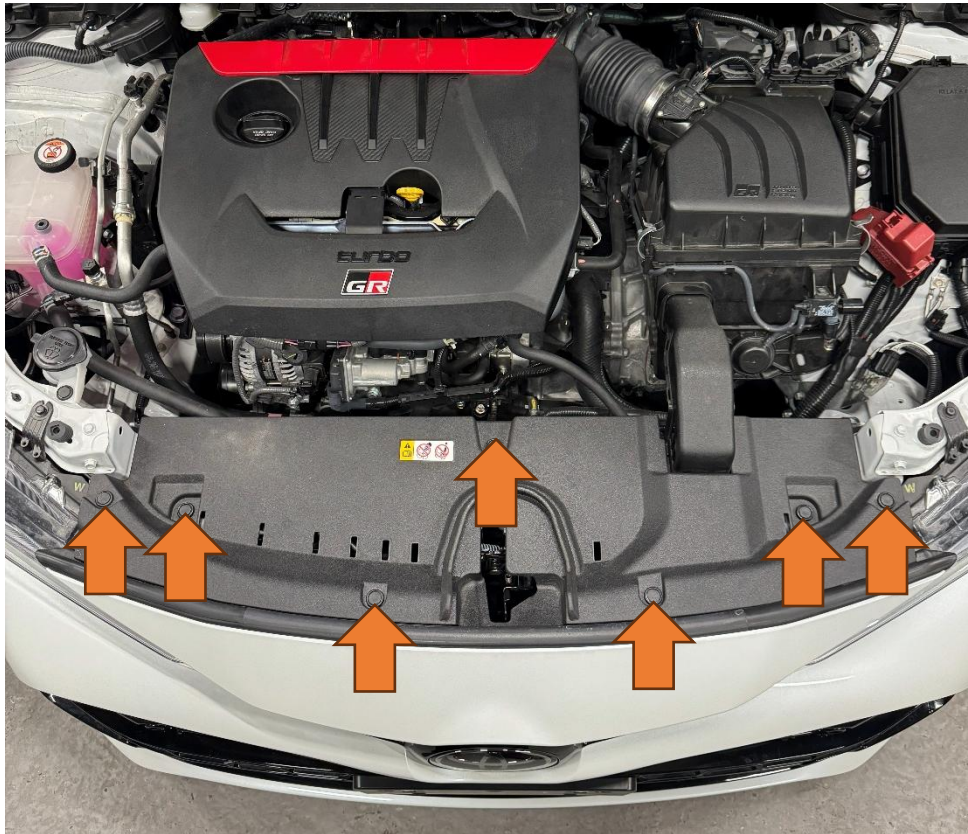
Tools Required:

<ul style="list-style-type: none">• Ratchet and Socket Set• Trim Removal Tool or Flat-Blade Screwdriver	<ul style="list-style-type: none">• Jubilee Clip Flexi-Driver• Cutting Tool (Hacksaw or Dremel)
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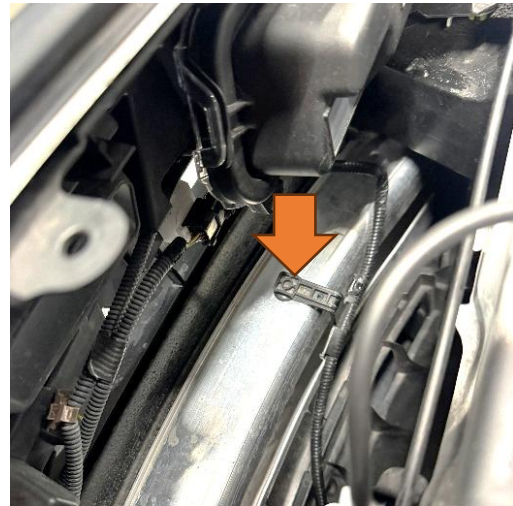
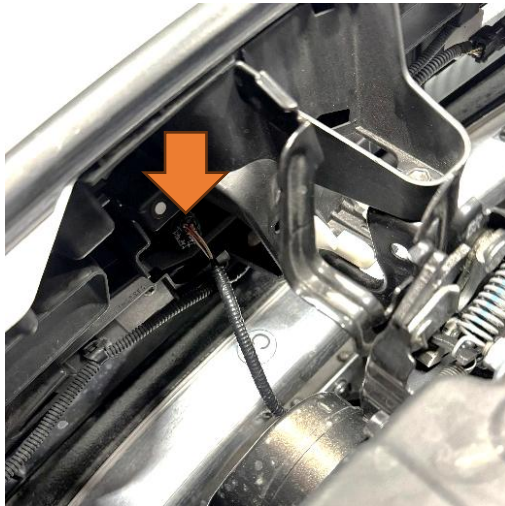
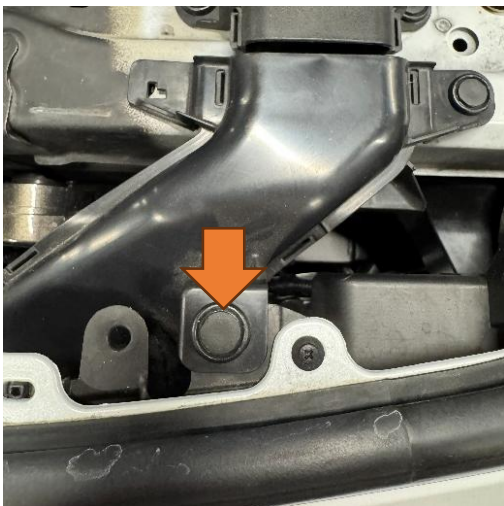
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions:

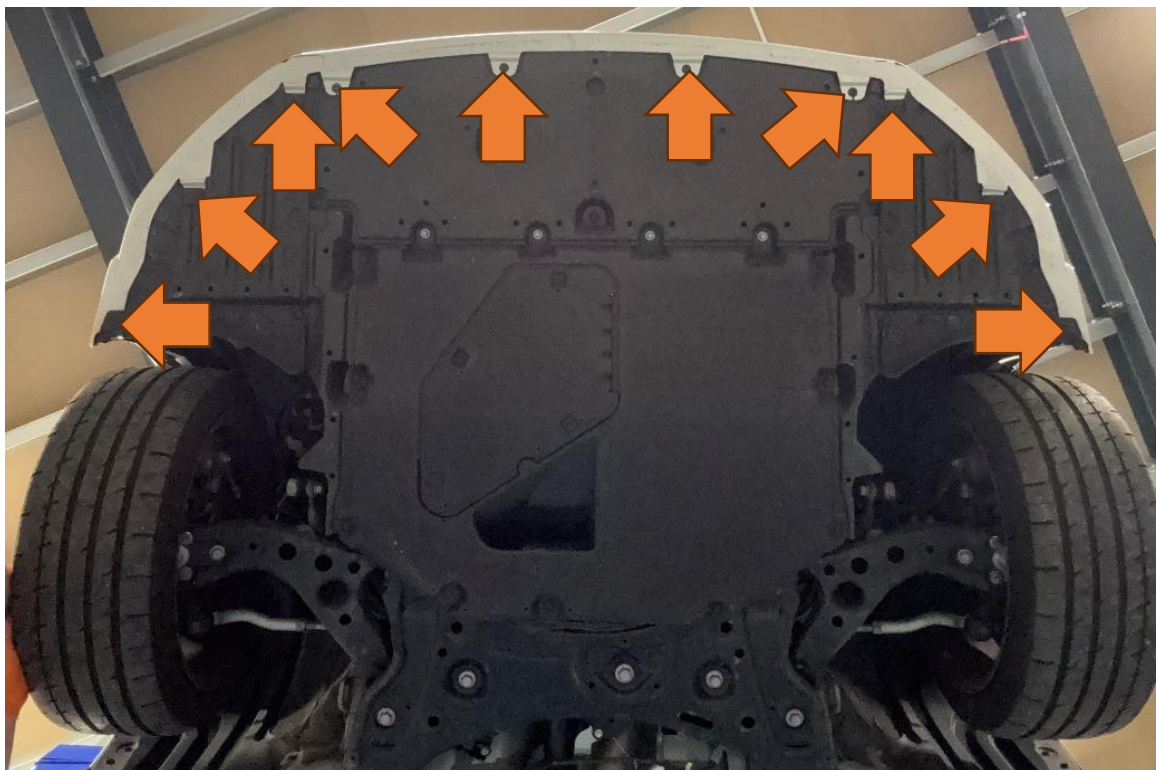
1. Start by removing the seven push fits using trim removal tool or similar and place the panel aside.



2. Now remove the three 10mm bolts securing the top of the bumper along with the one push fitting for the air feed from the grille. The plugs for the radar and parking sensors can be disconnected at this stage.



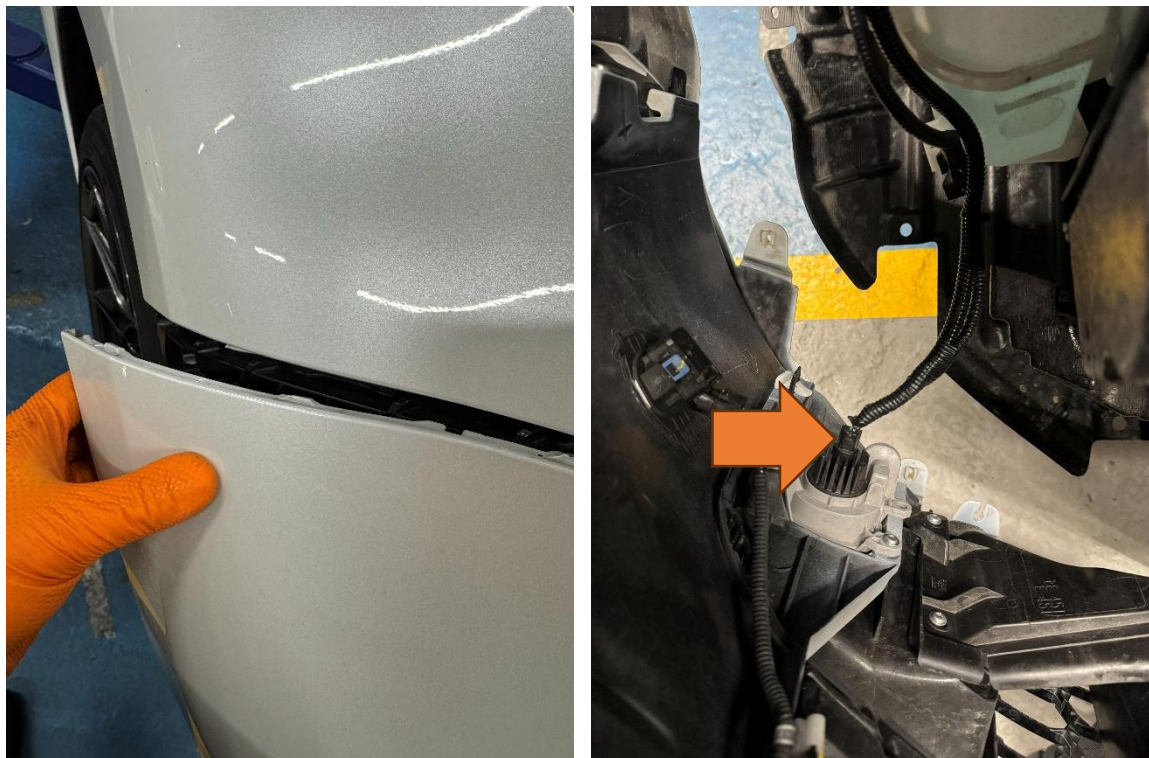
3. Raise the vehicle into the air and from underneath remove the ten 10mm bolts holding the bumper to the underside of the car.



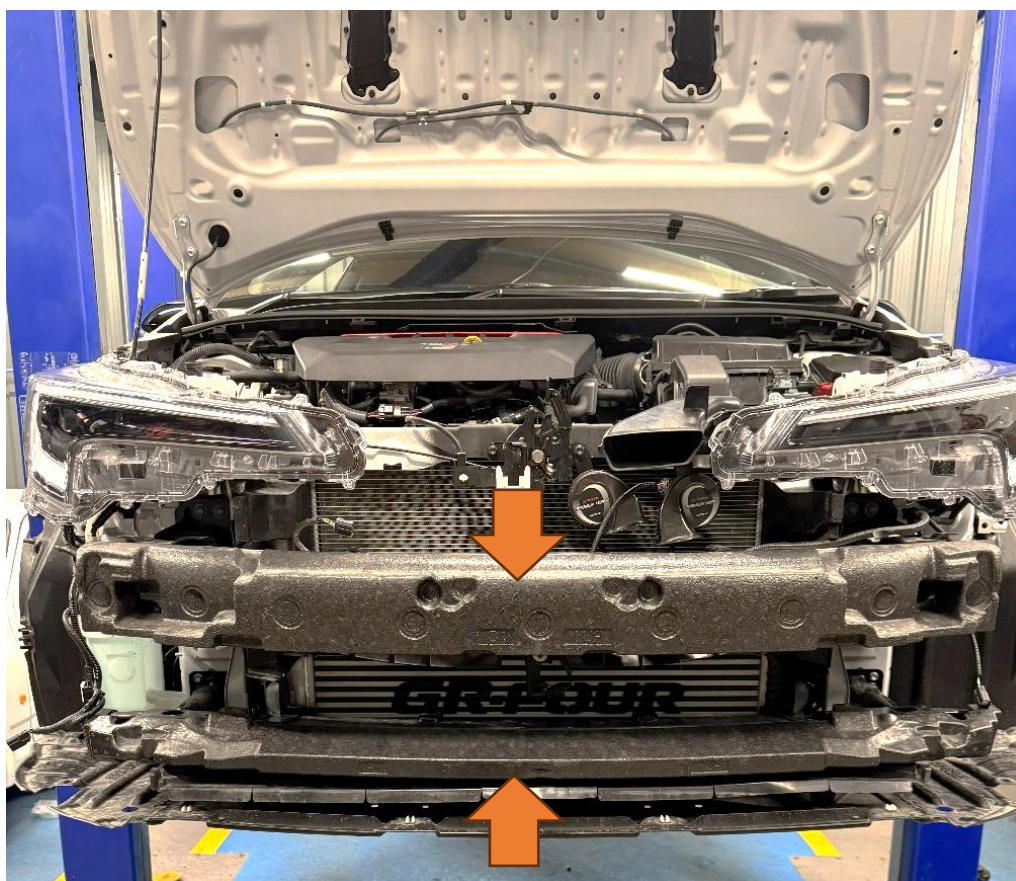
4. In each wheel arch remove the one large push fitting and one small fitting as shown, before unclipping the wheel arch liner from the bumper.



5. Pull the bumper away from the arch and then with the help of a second person, disconnect the fog light plug each side before removing the bumper from the car.



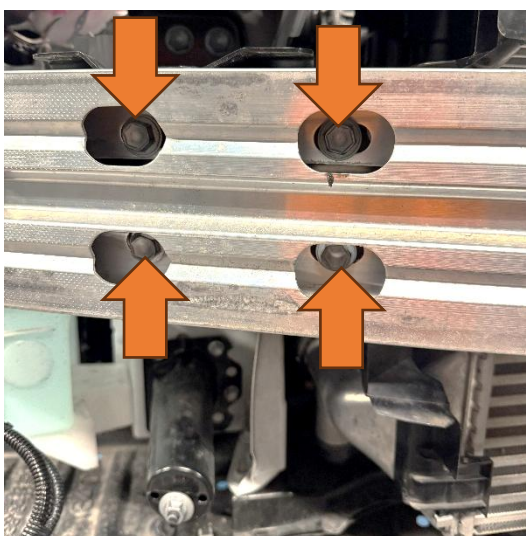
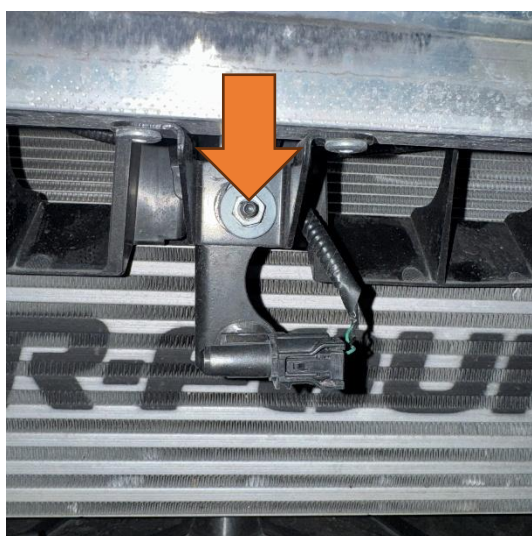
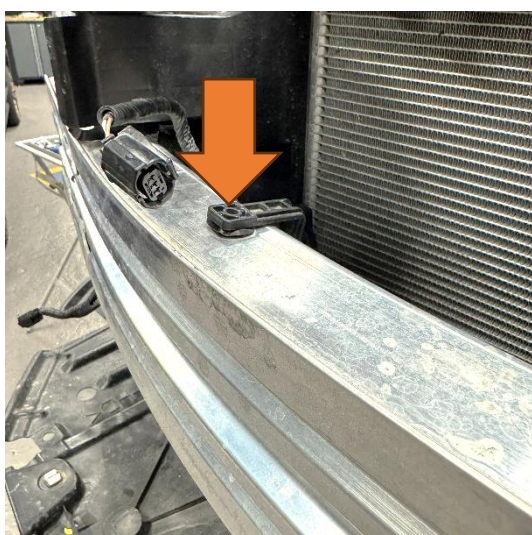
6. With the bumper off, remove the foam inserts from the top and bottom crash bars.



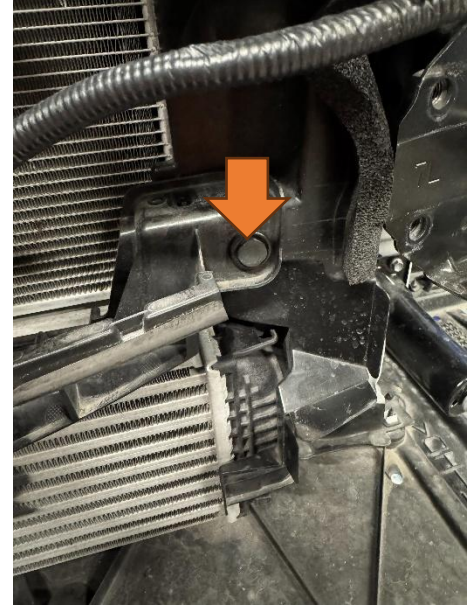
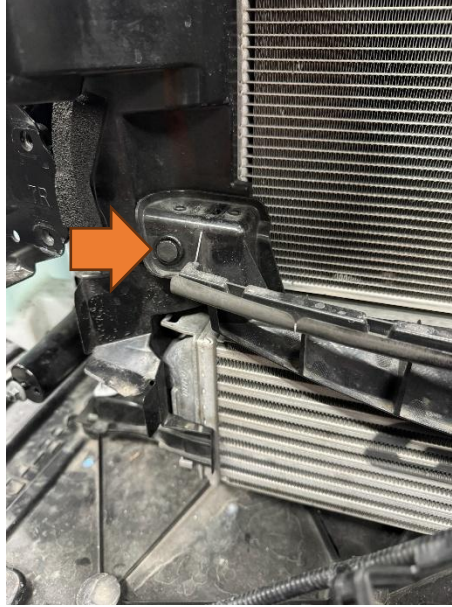
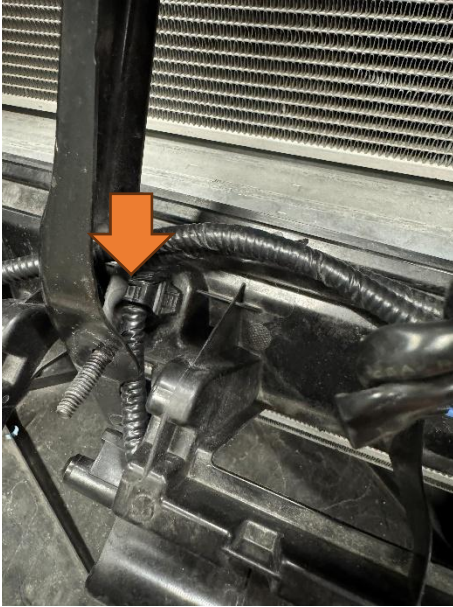
7. Undo the two 12mm nuts holding the lower crash bar and remove it along with the plastic guide.



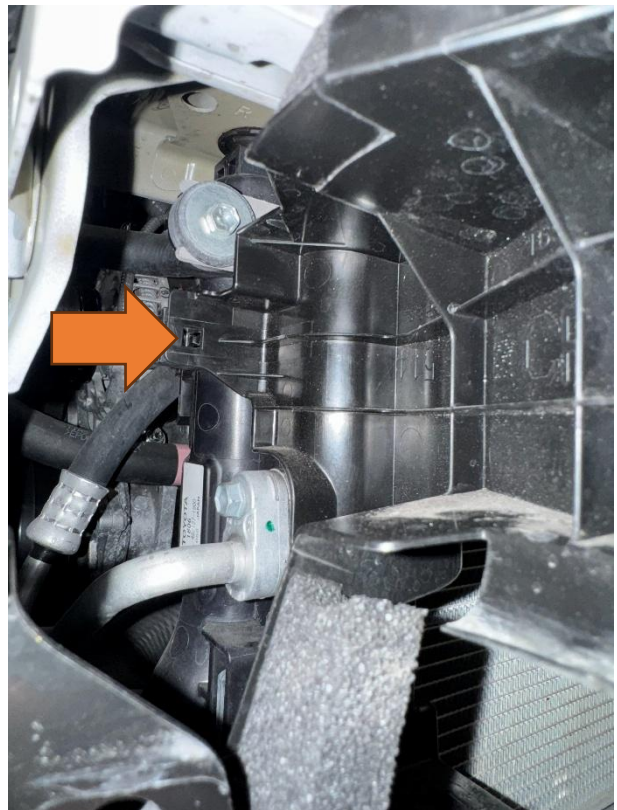
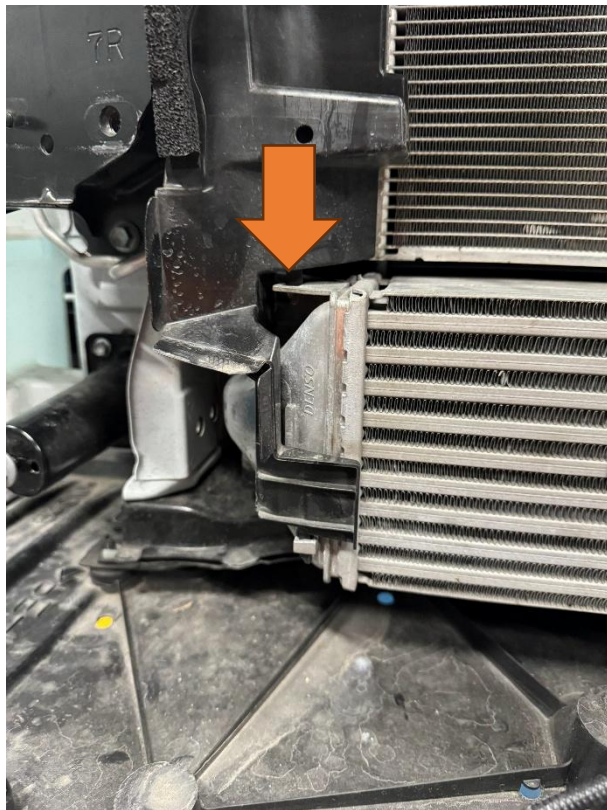
8. The crash bar can now be removed by unclipping the two wiring harness connectors using a trim removal tool, undoing the 10mm nut attaching the ambient temperature sensor bracket to the crash bar followed by the four 14mm bolts each side securing the crash bar to the car.



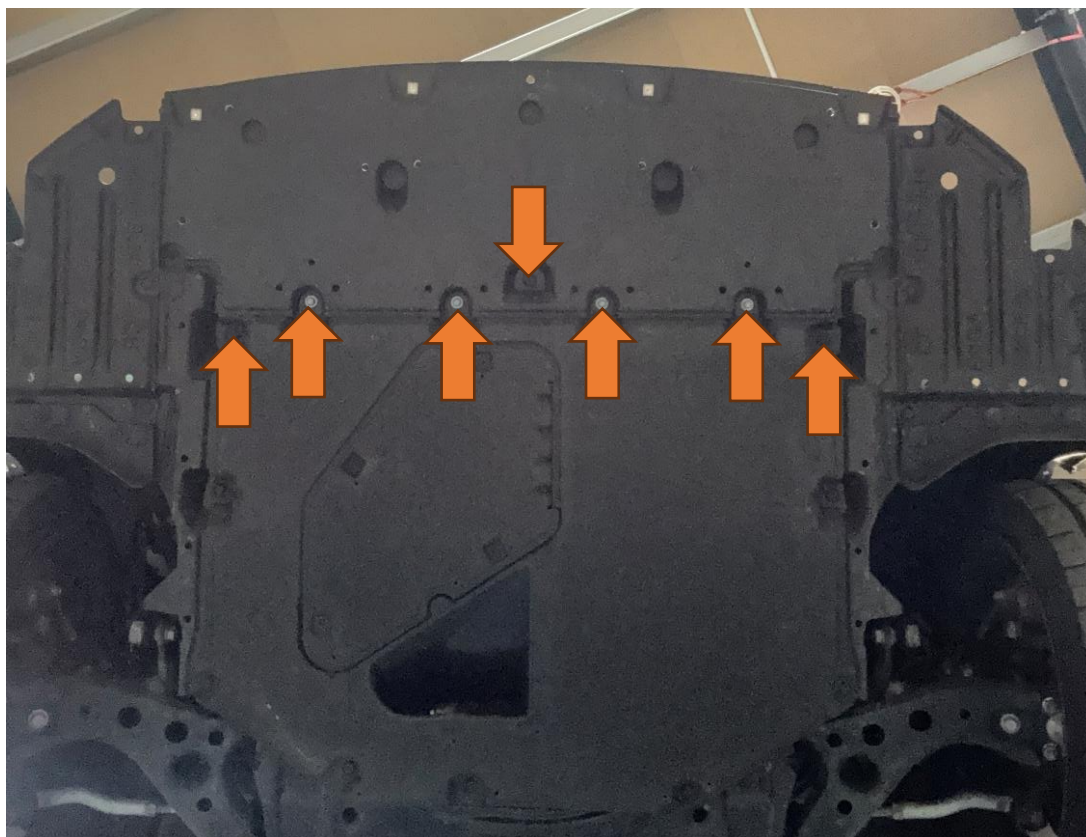
9. Remove the plastic air guide going across the top of the intercooler by unclipping the wiring harness in the centre, followed by the push fitting on each side.



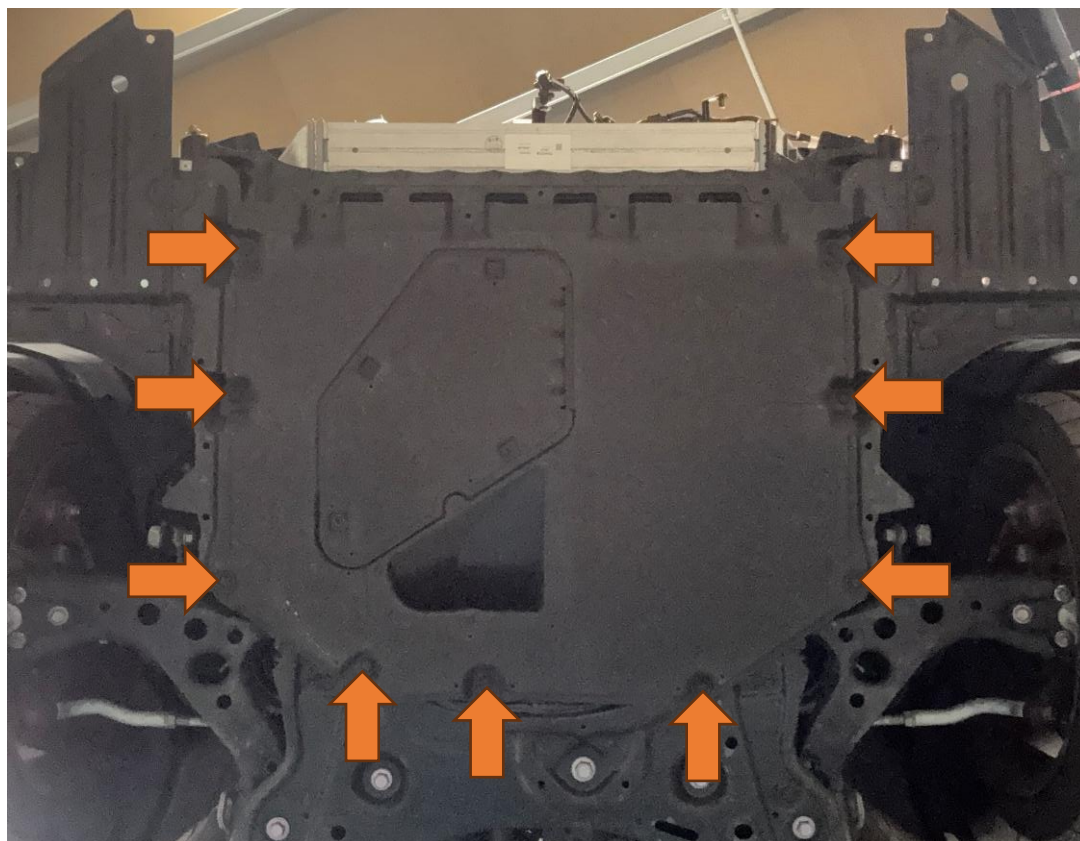
10. Now the plastic air guide on each side can be removed by lifting it up at the bottom to unhook it from the intercooler, followed by unclipping it from the radiator.



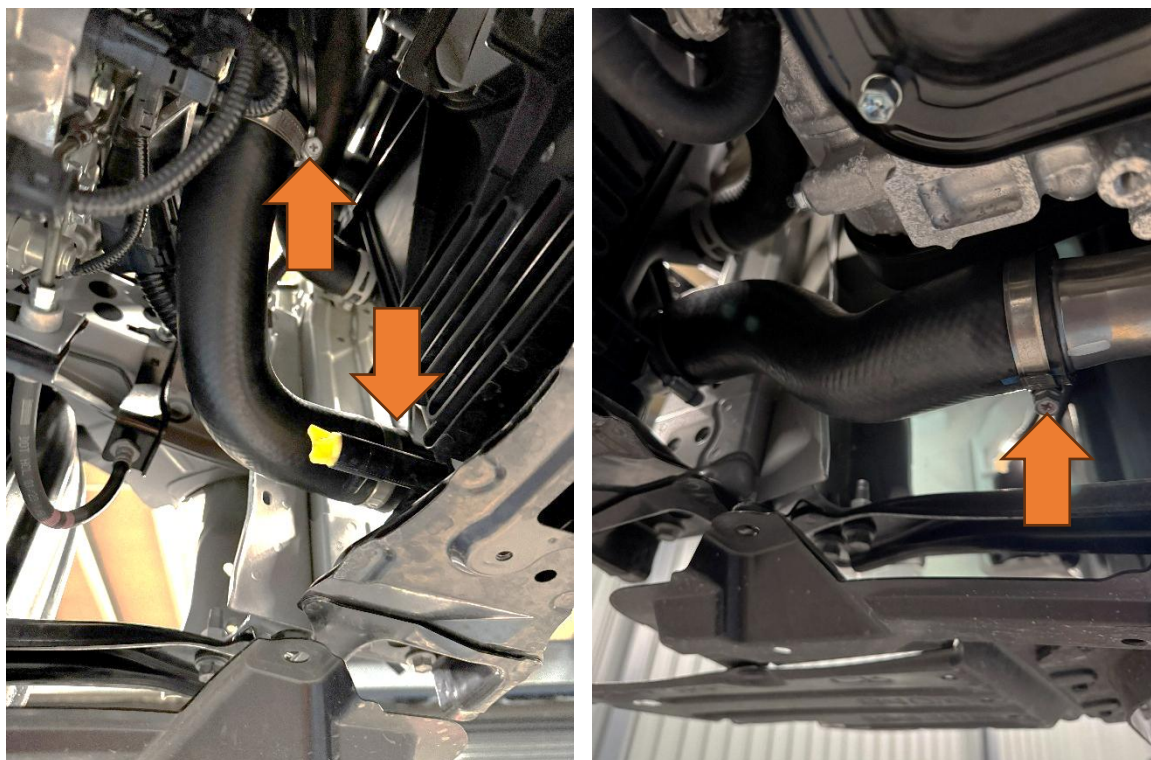
11. Working under the car, remove the front plastic panel by undoing six 10mm bolts and one push fitting.



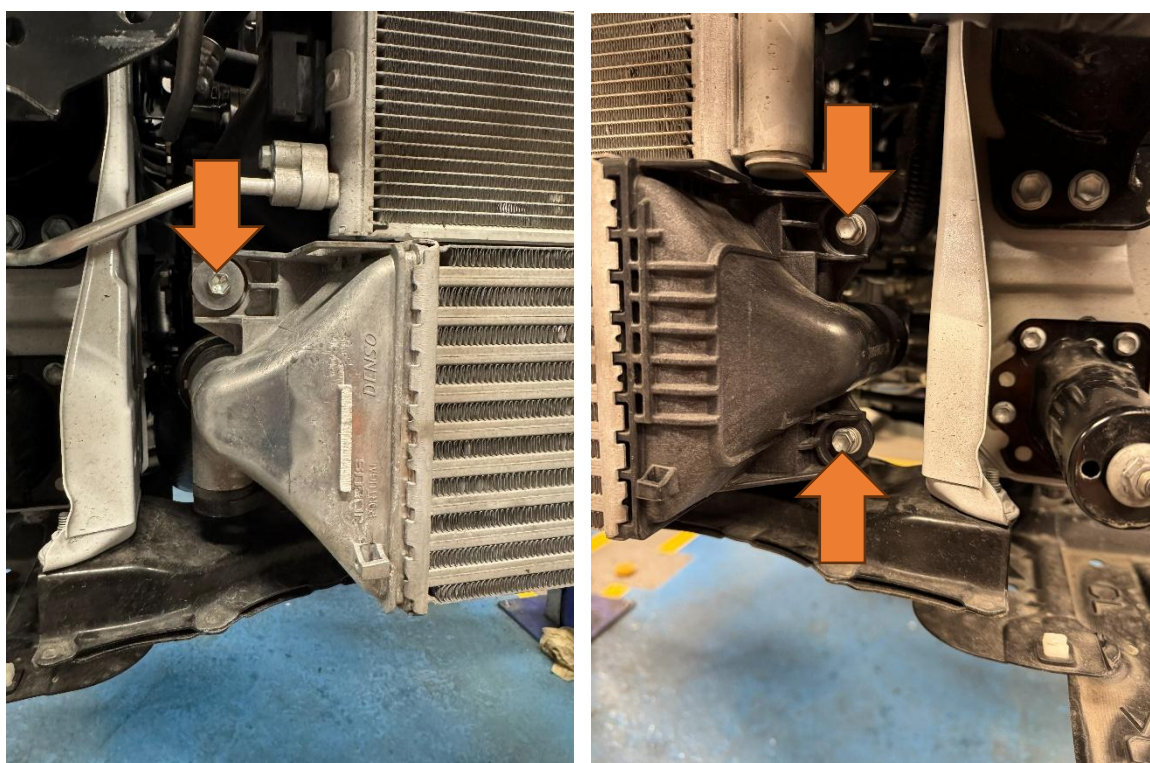
12. The under tray can then be removed by releasing the nine plastic push fittings.



13. Locate the intercooler's boost pipes and disconnect them. The one on the right-hand side (when looking from the front) can be completely removed whilst the left-hand one can be disconnected where it joins the metal boost pipe and then removed still attached to the intercooler in the next step.



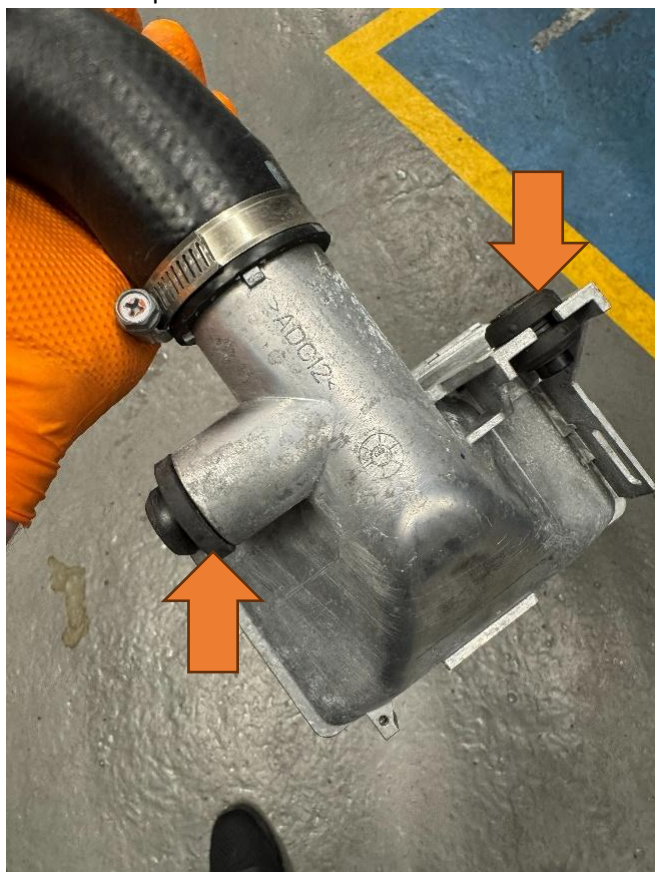
14. Remove the three 10mm bolts from the intercooler and then tilt it forwards to remove from the car.



15. You can now install the new replacement boost pipes onto the car with the supplied jubilee clips, but do not fully tighten yet. We advise applying a small amount of lubricant to the intercooler hose to make it easier.



16. Now remove the rubber grommet and bung from the original intercooler and install them onto the AIRTEC Motorsport intercooler.



17. To install the new AIRTEC Motorsport intercooler, tilt it forward and with the help of a second person gently pull the ambient air temperature sensor bracket forward to allow it to fit. Guide the hoses into place as you install it and secure by reusing the three original bolts removed in Step 14. Then tighten all jubilee clips.



18. To refit the radiator air guides you will need to trim them using a suitable cutting tool, such as a hacksaw or Dremel. They can then be reinstalled into the vehicle and secured with the clips on the radiator.



19. Place the ABS spacers supplied in the kit onto the threads for the lower crash bar as shown, and then reinstall the bar with the original fixings.



20. Finally, reinstall the parts removed in reverse order.

