

# Toyota Yaris GR Gen 2 Intercooler Fitting Instructions

## Tools Required:

- Ratchet and Socket Set
- Drill and Drill Bit
- Trim Removal Tool
- Jubilee Clip Flexi-driver Tool or Flat-Blade Screwdriver
- Hand Rivet Tool

## Kit Contents:

- 1x AIRTEC Motorsport Intercooler
- 1x Pro Hoses Silicone Hose Kit
- 1x Water Spray Mounting Bracket
- 2x Rivets
- 4x Jubilee clips (1x 70mm, 3x 60mm)



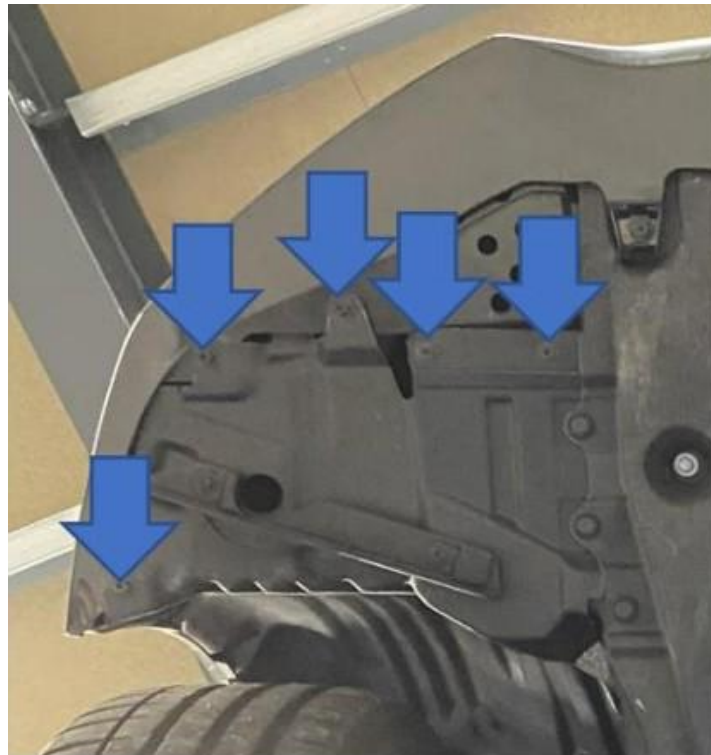
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

## Instructions:

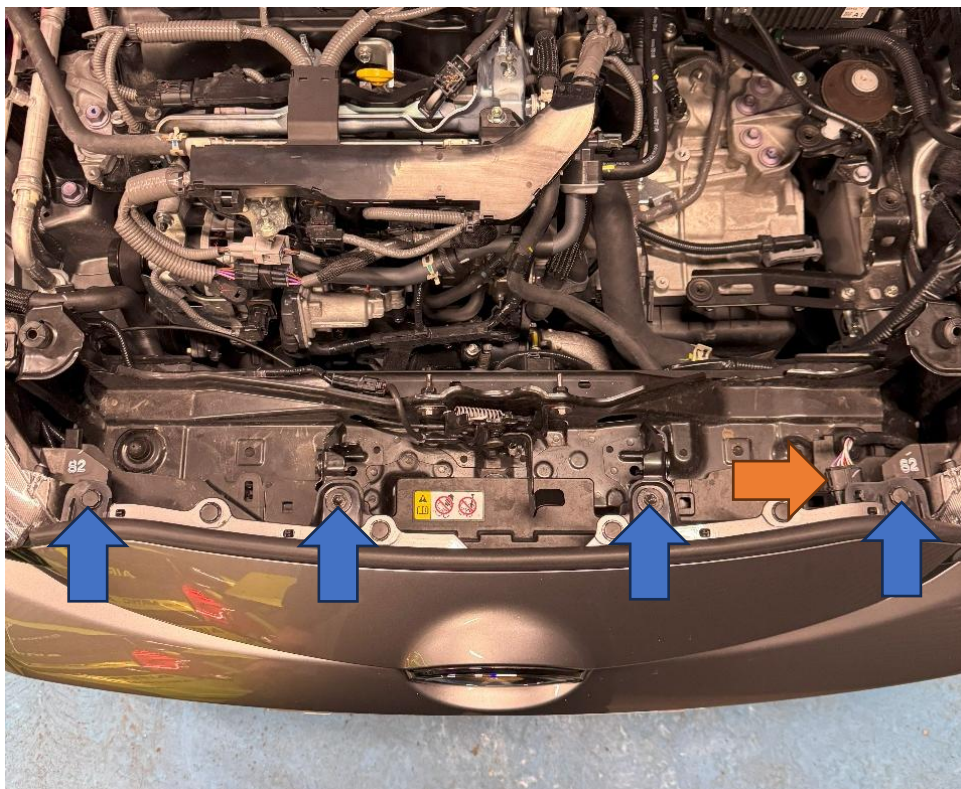
1. From underneath the car, remove the undertray by undoing the four 10mm bolts attaching it to the bumper, followed by the four 10mm bolts (blue arrows) further back. Then work round removing the 12 plastic clips (orange arrows) situated around the undertray using a trim removal tool.



2. Still working under the car remove the five 10mm bolts on either side holding the arch liner to the front bumper.



3. Working under the bonnet, remove the two 10mm bolts and two plastic clips (blue arrows) using a trim removal tool and disconnect the plug on the right-hand side (orange arrow).



4. Inside each arch liner, remove the plastic push fit trim clip and then carefully unclip the two trim clip tabs and pull them apart to release each side of the bumper.



- Now you can undo the 10mm holding the wing to the bumper, as you undo the bolt a plastic wedge will come out with it. This is what secures the two parts together. They are different colours so ensure you remember which colour came from which side.



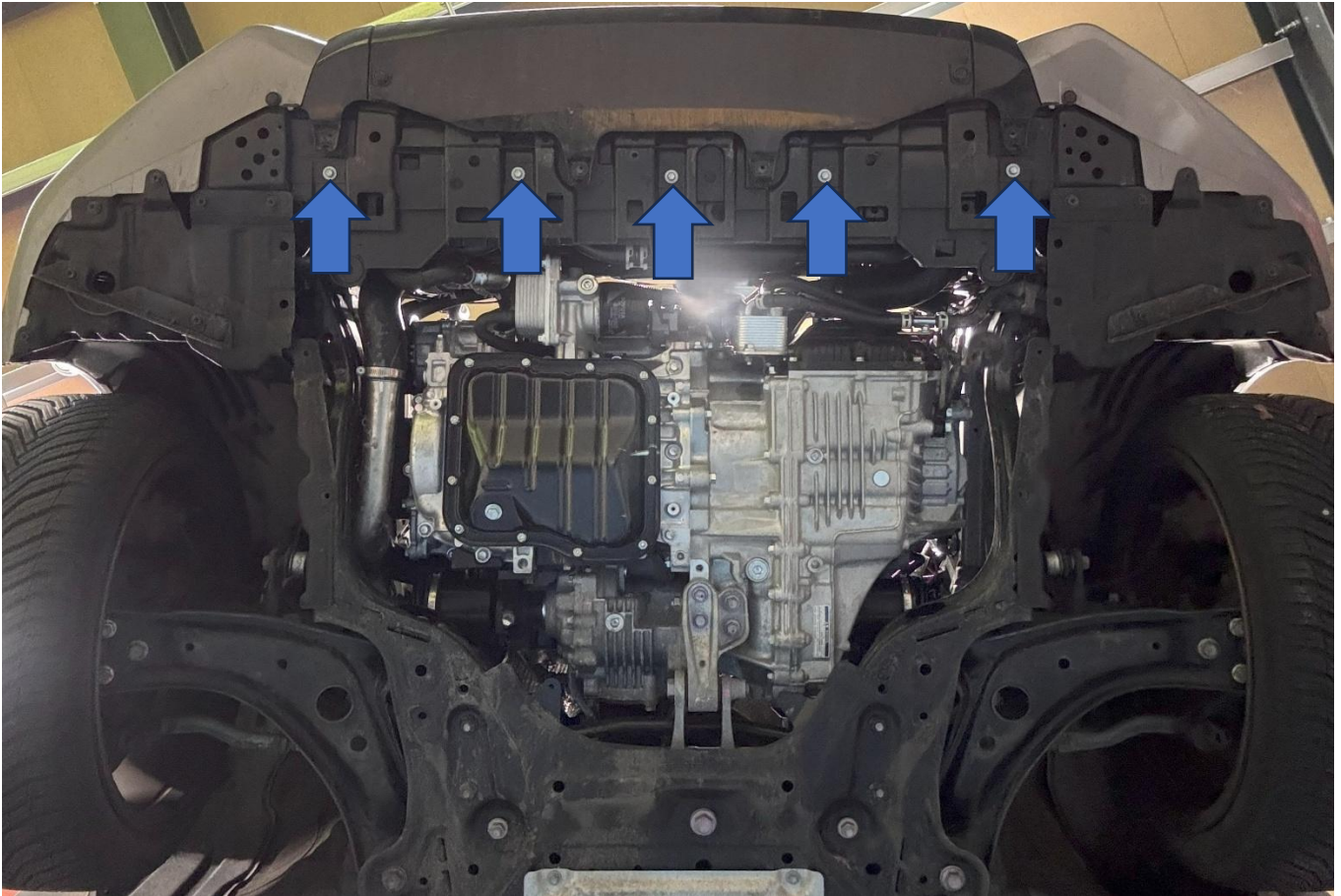
- Pull the edges of the bumper to release and whilst a second person holds the bumper disconnect the plugs for the fog lights each side. The bumper can now be stored safely.



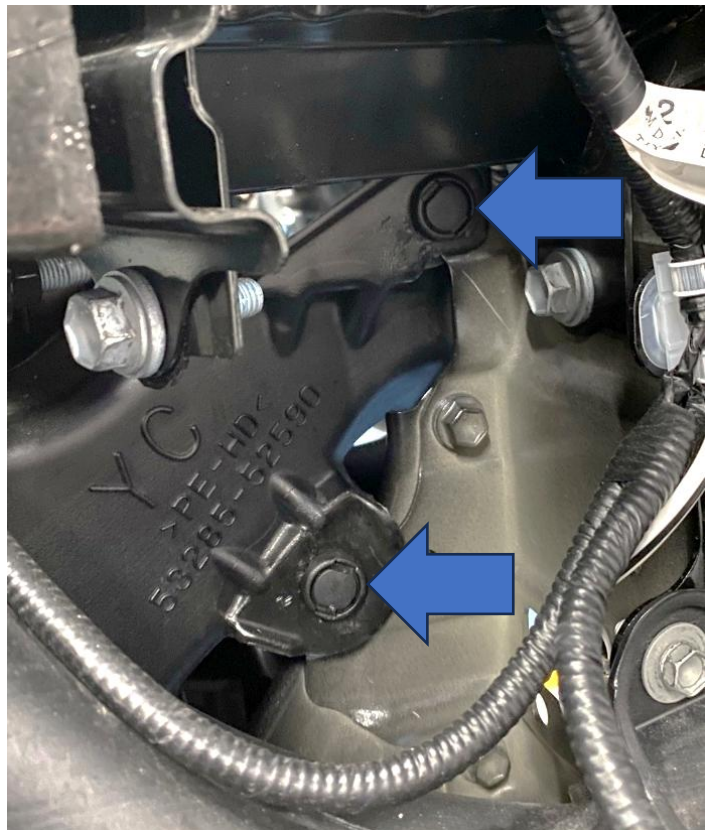
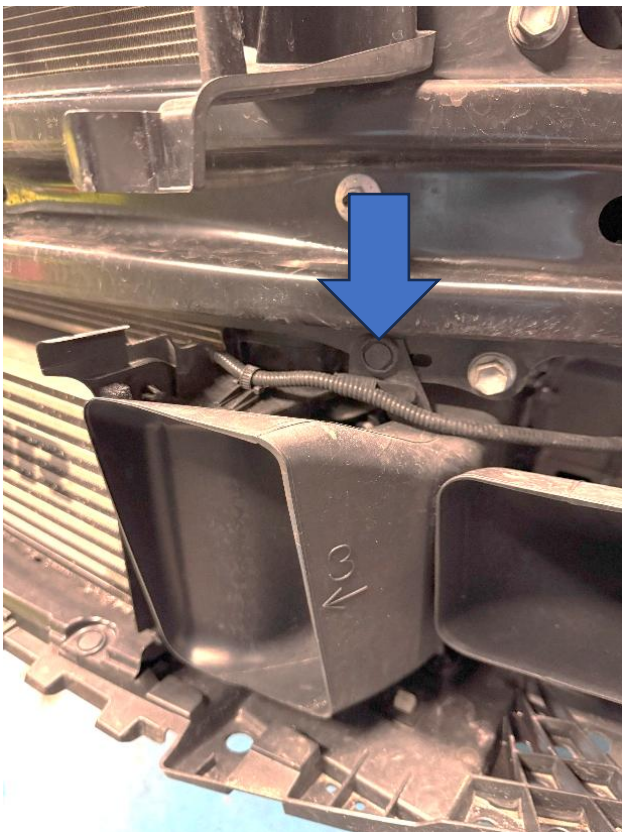
- Remove the lower plastic trim by removing the three plastic clips using a trim removal tool.



8. Remove the front plastic tray by undoing the five 10mm bolts highlighted.



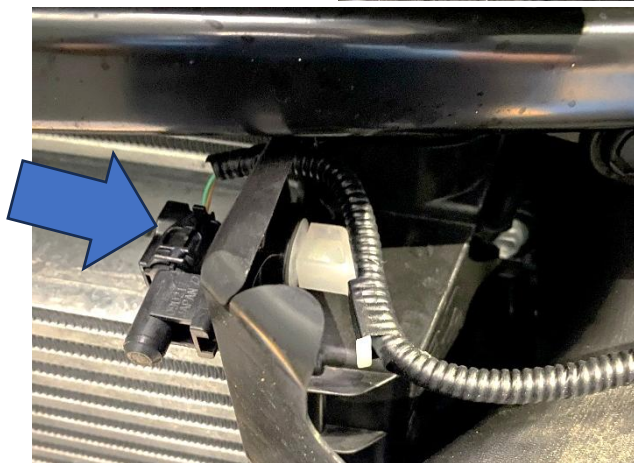
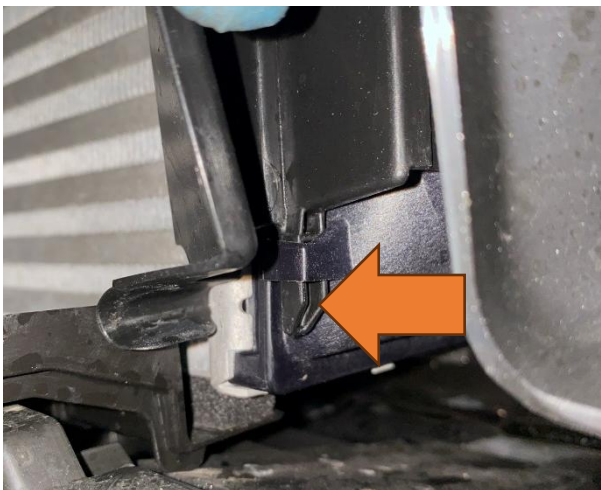
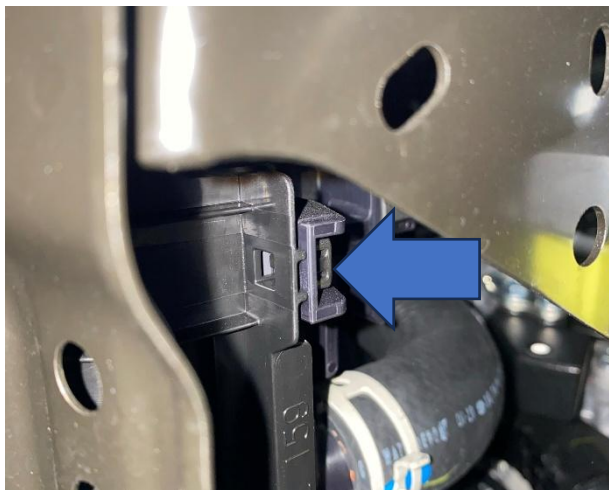
9. Remove the air guides on both sides by undoing the three plastic clips and disconnecting the wiring loom clip for the air temperature sensor.



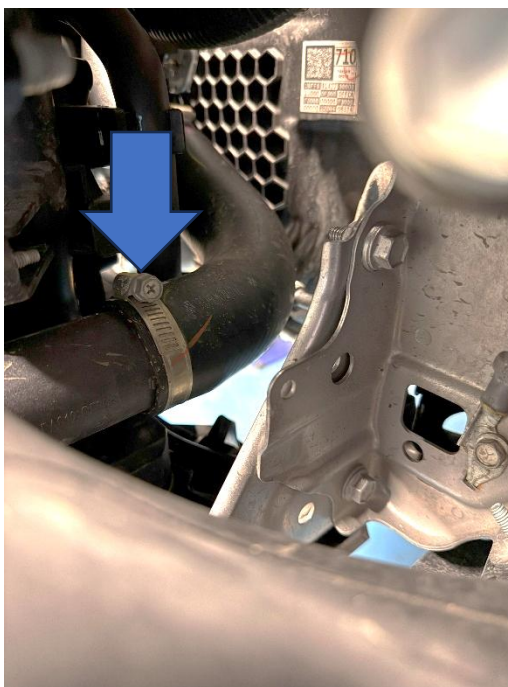
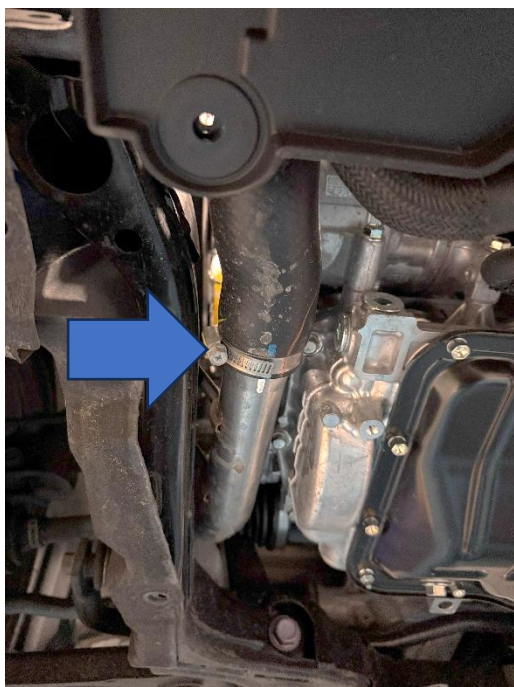
10. Remove the foam covering the crash bar and drill out the rivets holding the original intercooler water spray bar in place. Remove the water jets from the original bracket and install them onto your new AIRTEC Motorsport bracket. Then place aside as this will be refitted once the new intercooler is fitted.



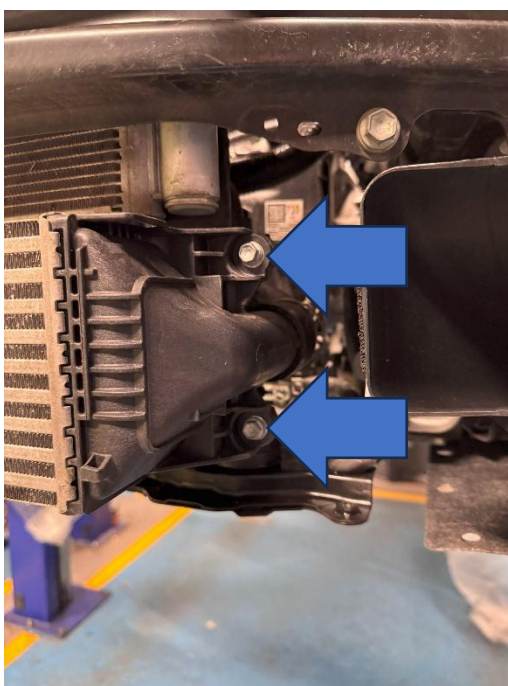
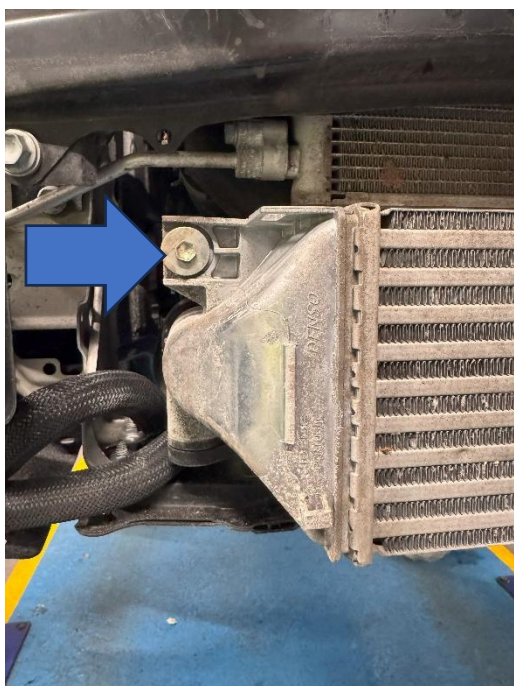
11. Remove the air guides from either side by unclipping (blue arrow) them by the side of the radiator and then pulling them up to remove them from the slots on the intercooler (orange arrow). On the right-hand side air guide you will need to unclip the air temp sensor and wiring loom.



12. Undo the hose clamps attaching the standard hot side/left-hand boost pipe to the hard pipe and then undo both hose clamps on the cold side/right-hand side and remove the hose.



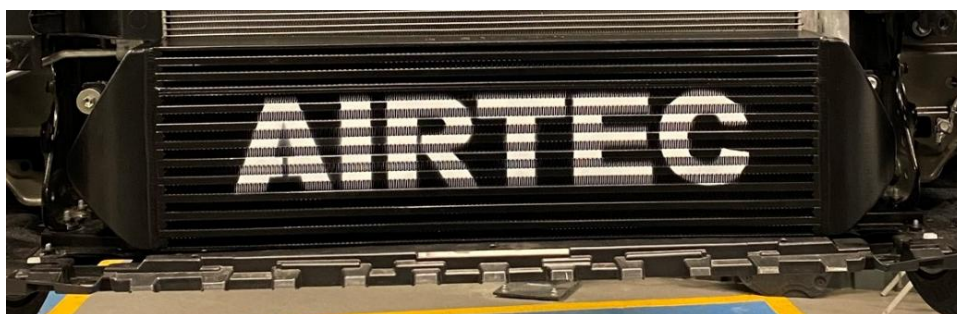
13. Remove the three 10mm bolts holding the intercooler to the car. You will then be able to remove the original intercooler along with the hot side/left-hand hose.



14. Remove the metal bush and rubber insert fitting from the top left-hand side of the original intercooler and fit it to your new AIRTEC Motorsport intercooler in the same place. Then remove the two rubber bungs on the bottom of the original intercooler and refit them to the new intercooler, as shown.



15. Reinstall the intercooler into the car and fix into place reusing the original bolts.



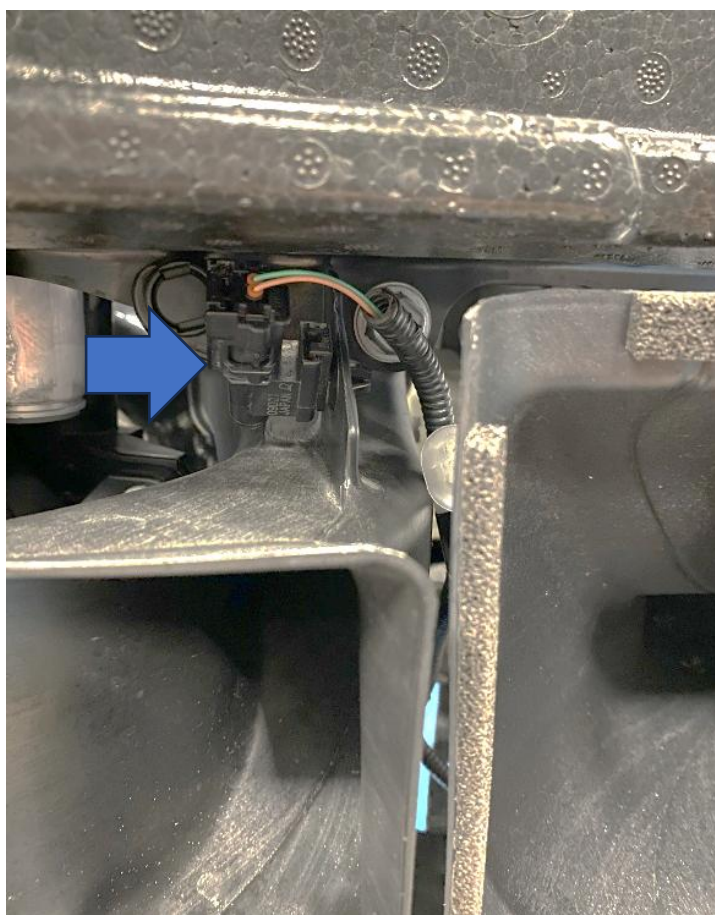
16. Fit the intercooler water spray bracket back in place with the supplied rivets.



17. Install the silicone hoses and secure with the supplied jubilee clips.



18. Reinstall the air guides removed in Step 9 reusing the three plastic clips and then install the air temperature sensor in the hole that was previously used for the wiring clip.



19. Finally, rebuild the car back up in reverse order and check everything is tight and secure.

