

# Honda Civic Type R FL5 Intercooler Fitting Instructions

## Tools needed:

- Ratchet and Socket Set
- Allen Key Set
- Crosshead Screwdriver
- Flat-Blade Screwdriver
- Jubilee Flexi-Driver
- Hacksaw (or similar to cut plastic)

## Kit Includes:

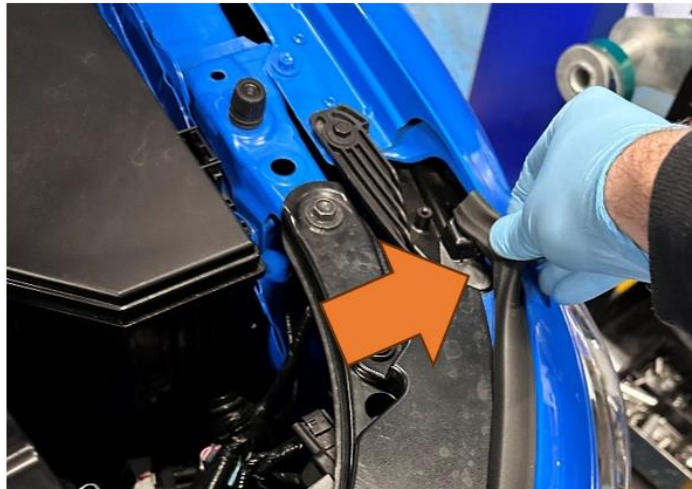
- 1x AIRTEC Motorsport Intercooler
- 1x Pro Hoses Silicone Hose Set
- 2x CNC Hose Joiners
- 2x Mounting Brackets
- 1x Temperature Sensor Bracket
- **Fitting kit:**
  - 2x M6x18mm Socket Head Bolts
  - 1x M6x12mm Socket Head Bolts
  - 4x M6x10mm Socket Head Bolts
  - 7x M6 Washers
  - 4x 80mm Jubilee Clips

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



# Instructions

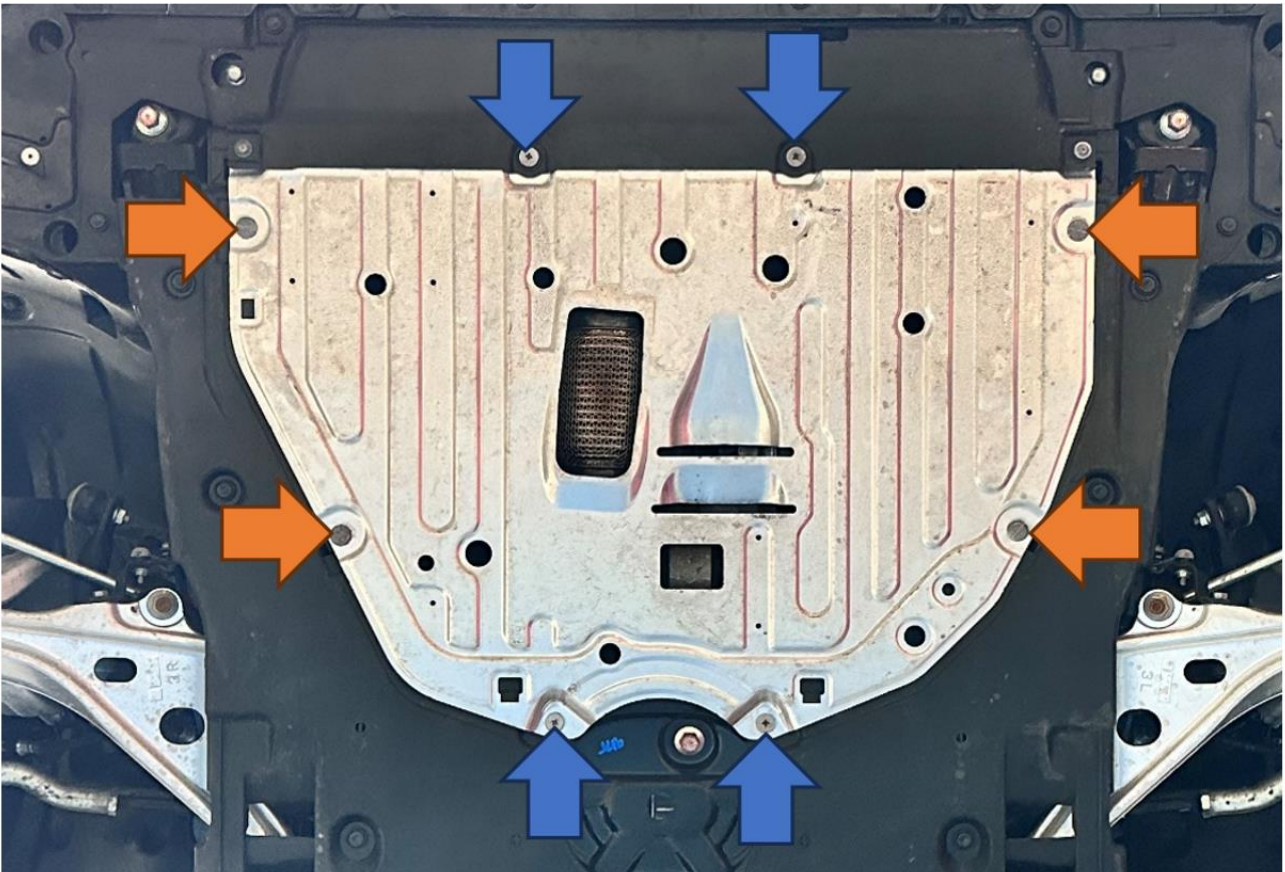
1. Remove the eight clips along the top of the bumper using a trim removal tool or flat-bladed screwdriver. There is also a clip at each end under the rubber trim to be removed.



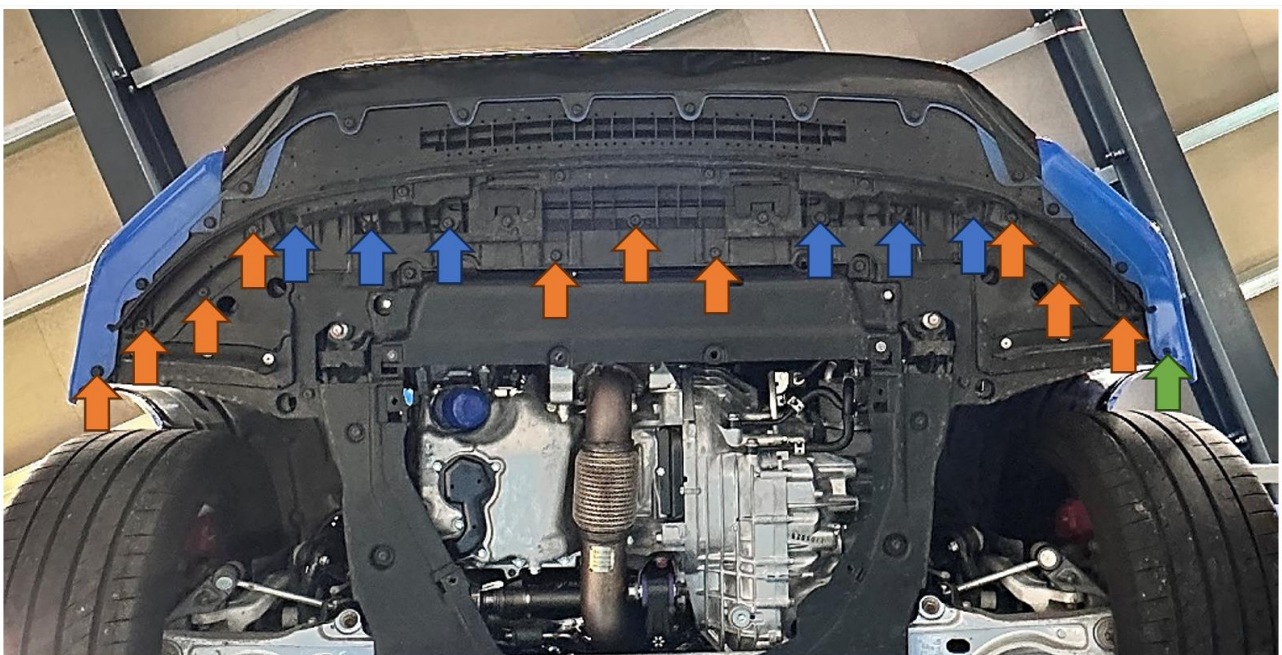
2. Raise the car into the air and remove the two Phillips screws holding the bumper to the arch liner. Then remove the screw on the inside lip of the bumper attached to the wing.



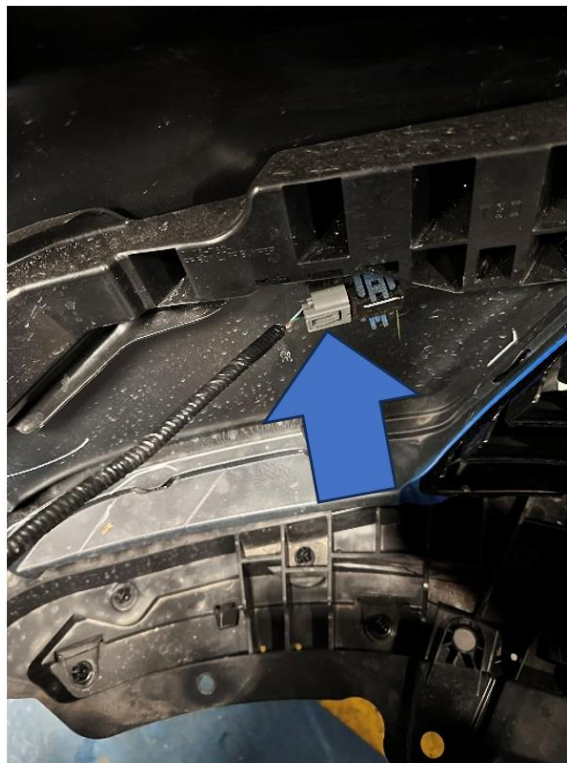
- Under the car, remove the metal part of the undertray by undoing the four crosshead bolts (blue arrows). Then using a flat-bladed screwdriver, rotate the remaining four clips (orange arrows) anti-clockwise 90 degree to release them.



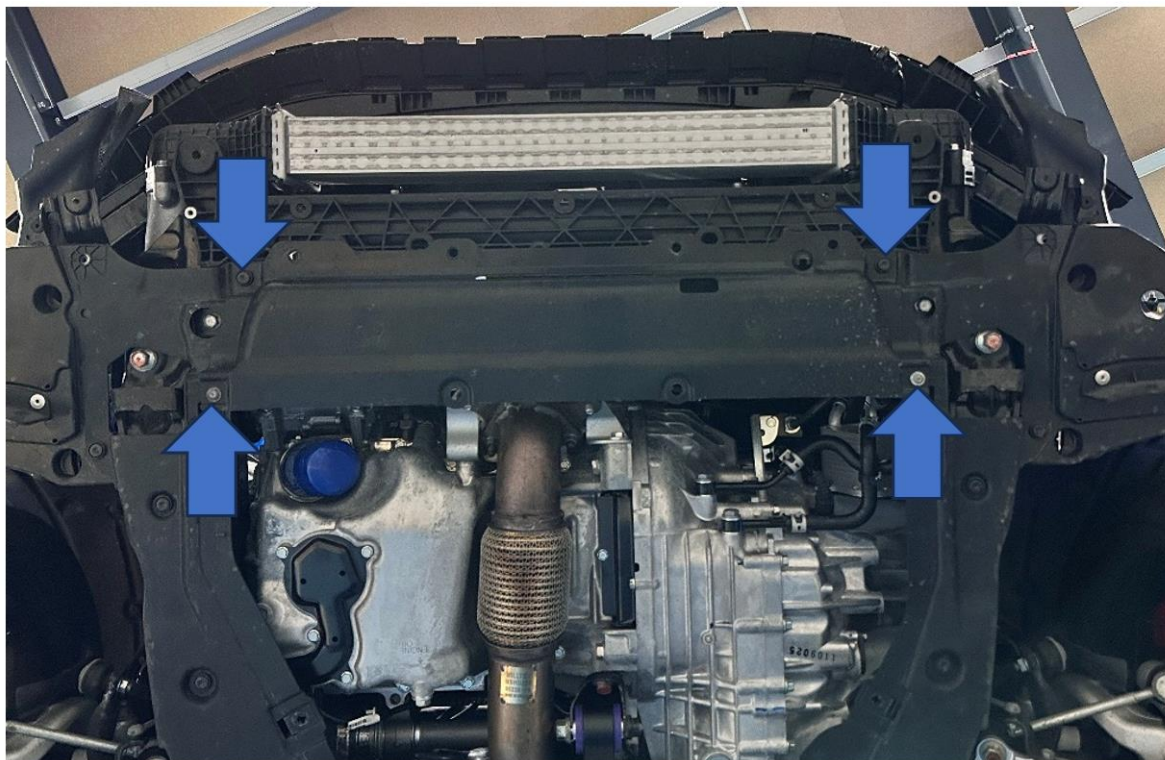
- At the front, remove the six 10mm bolts (blue arrows), 10 plastic clips (orange arrows) and one crosshead screw (green arrow).



5. With the help of a second person, you can now remove the front bumper. Unhook the top half of the bumper above the head lights before pulling it away from the wing and then forward to release. You will need to unplug the wiring for the parking sensors behind the Honda badge and in each lower corner. The bumper can then be put to one side.



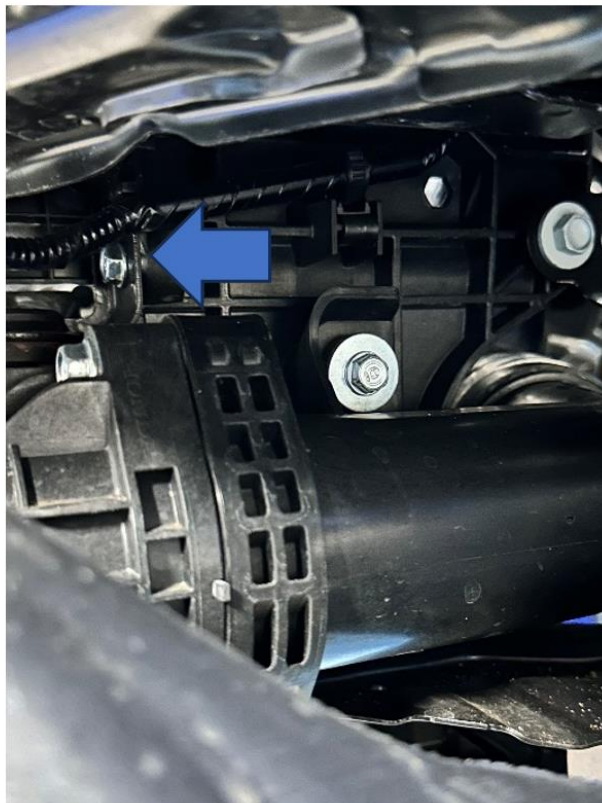
6. The plastic panel under the car now needs to be taken off by removing the two plastic clips and two crosshead screws.



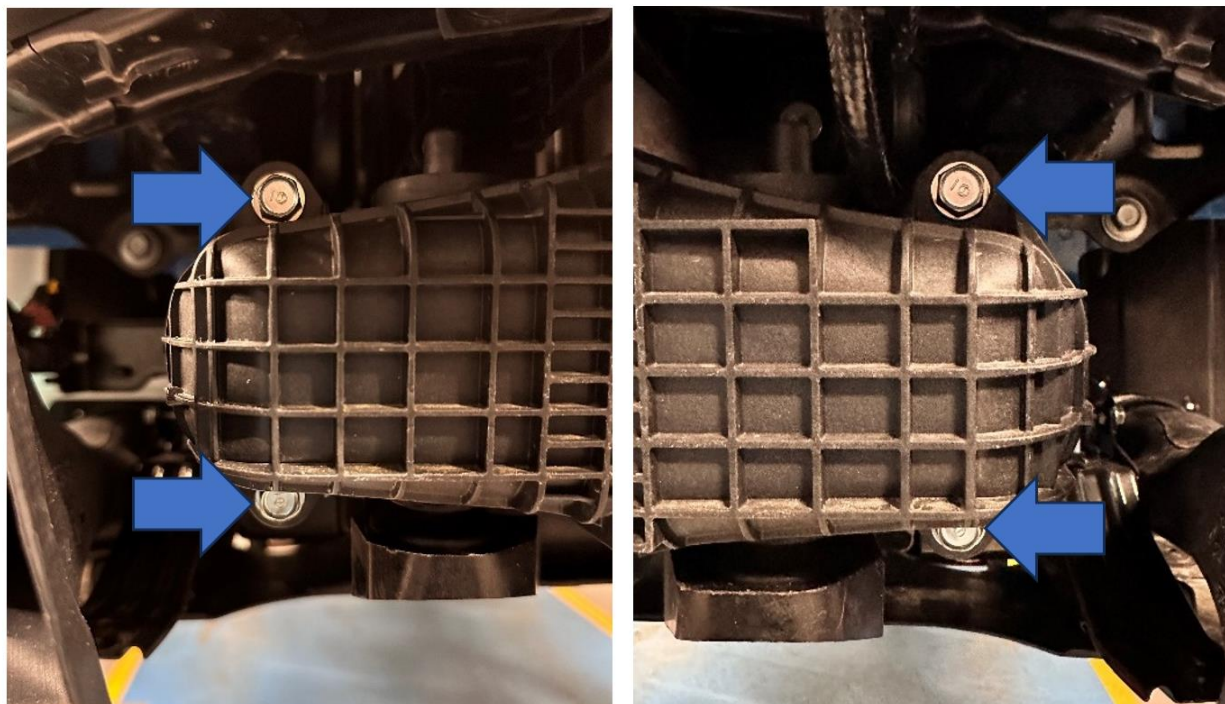
7. Remove the air temperature sensor from its bracket by squeezing the tabs in.



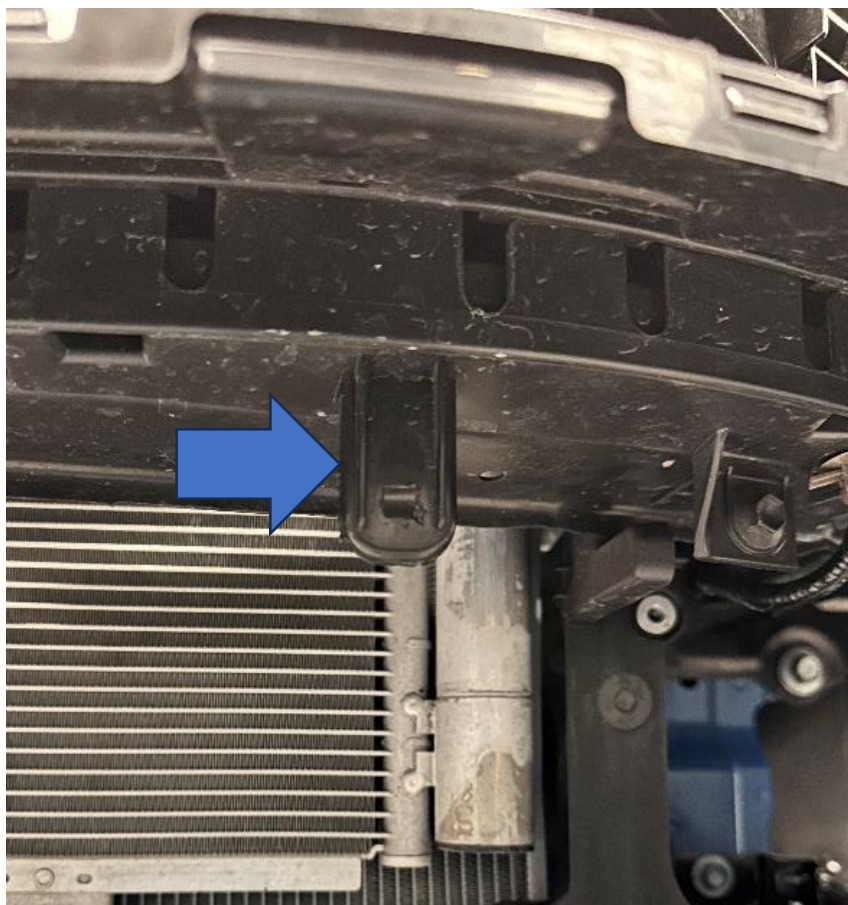
8. Undo the 10mm bolt holding on the upper intercooler bracket each side.



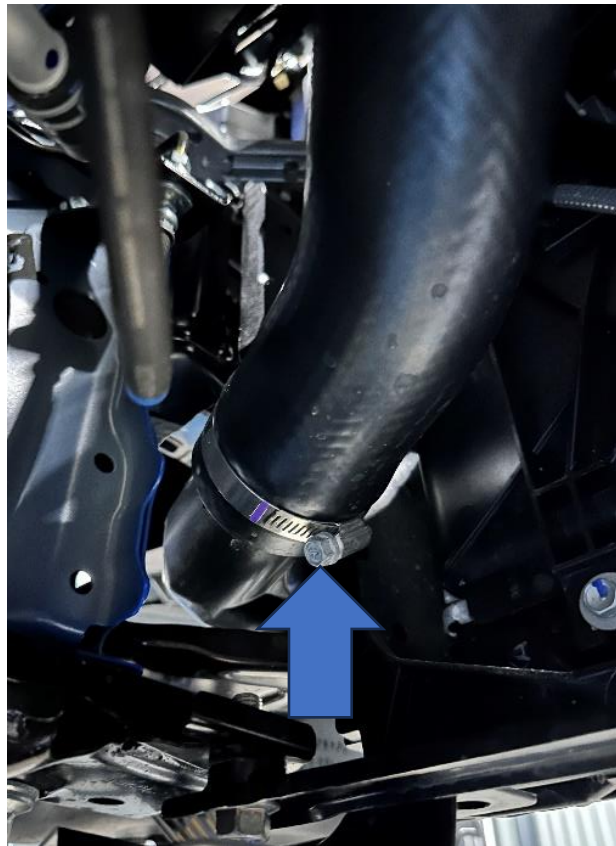
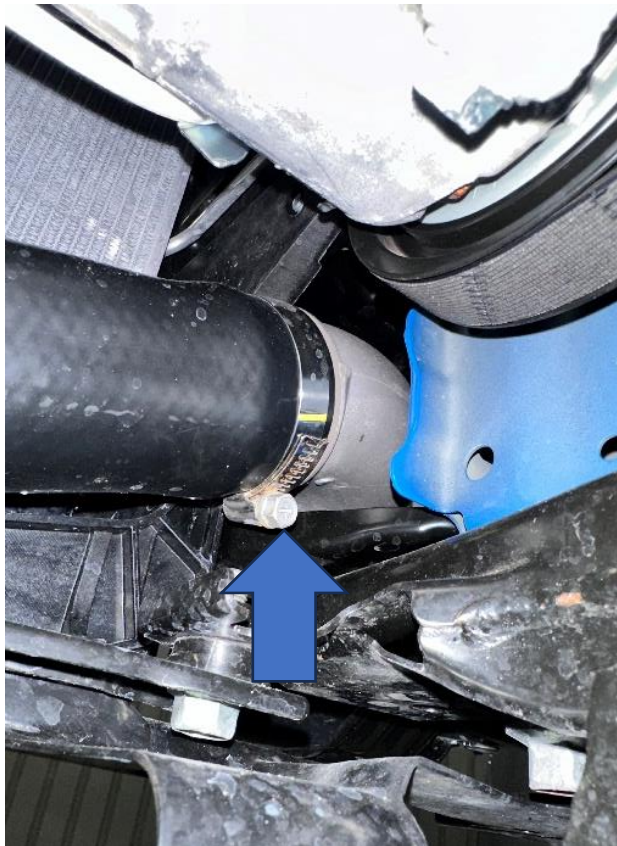
9. Now remove the two 12mm bolts holding the intercooler flange to the boost pipe flange each side and remove the intercooler from the car.



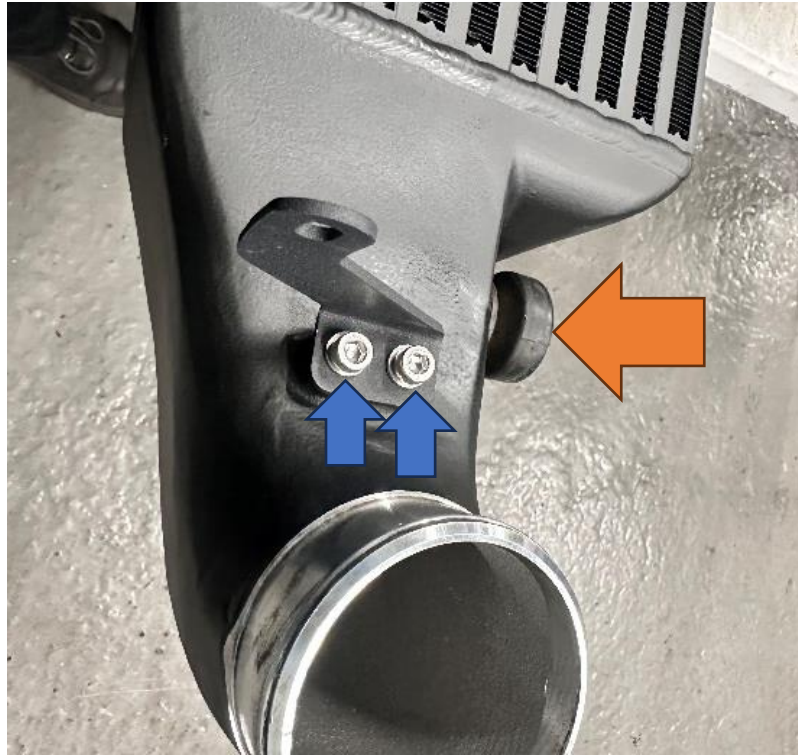
10. Cut the air temperature sensor bracket off the crash at the base bar using a hacksaw or similar. The AIRTEC Motorsport intercooler provides a new fitting for this.



11. Looking up at the car towards the back of the radiator, locate the boost pipe clamps where the plastic and cast alloy boost pipes attach to the silicone hoses. Loosen the jubilee clips and then remove the 10mm bolt on each side securing in place.



12. Loosely install the supplied brackets onto the new intercooler using the supplied M6x10mm Socket Head bolts with washers (blue arrows), as shown. Then remove the original mounting rubbers from the standard intercooler and install them onto your new intercooler (orange arrow) each side.



13. Using a second person to help, guide the intercooler into place by seating the rubber mountings into place onto the car making sure the rubbers seat into their original mounts and install the supplied M6x18mm bolts with washers through the brackets and into the holes where the boost pipes were originally mounted. When happy with the positioning of the intercooler proceed to fully tighten all bolts.

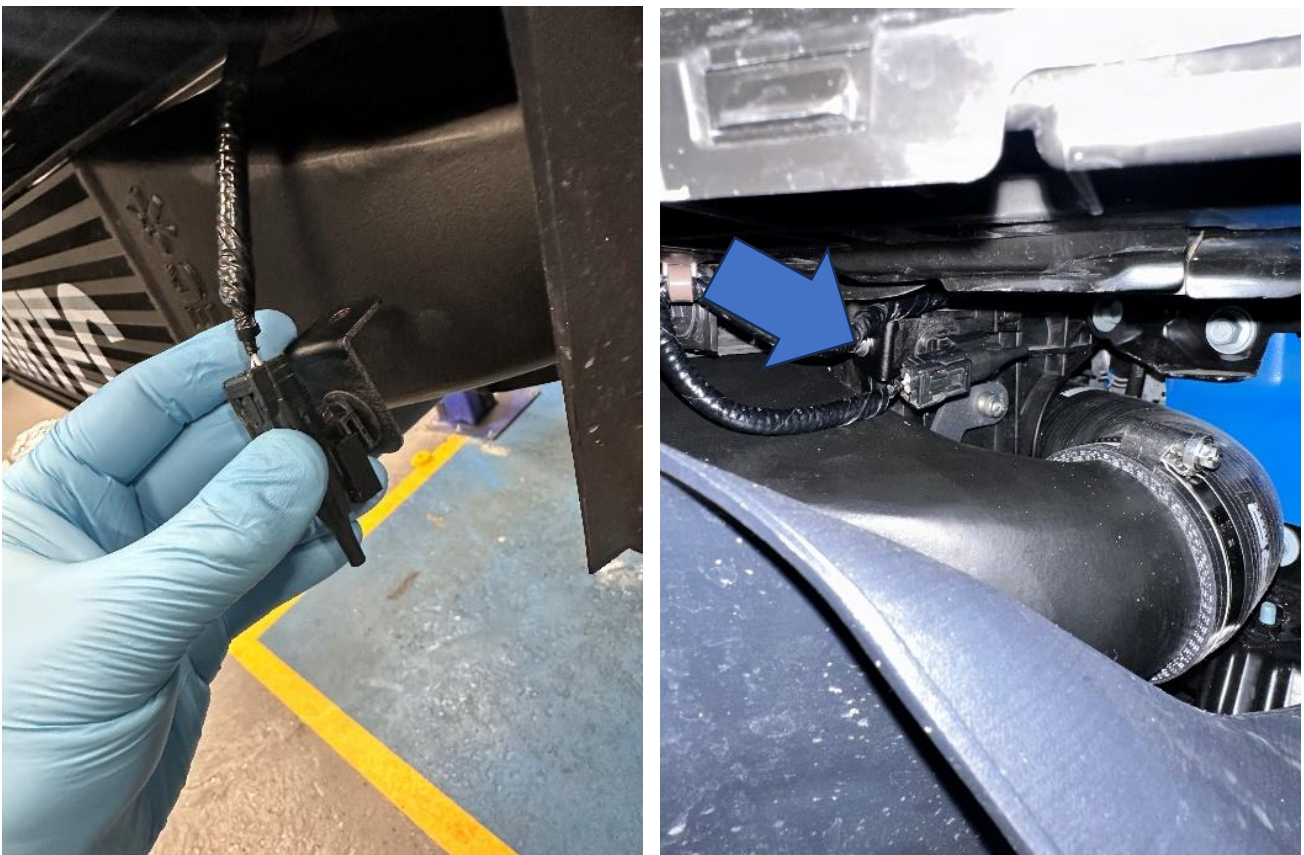




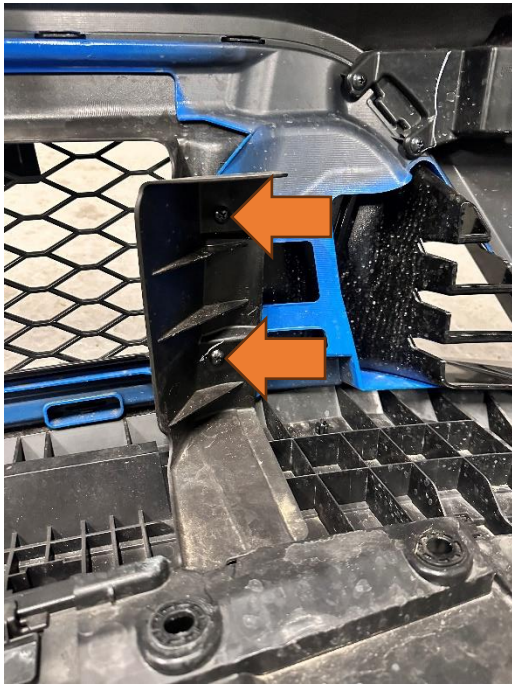
14. Install the adaptors into the silicone hoses using two of the supplied jubilee clips, the large adaptor goes into the hose on the left in the below picture and the smaller adaptor into the other hose. The silicones can then be installed using the other supplied jubilees to mount to the intercooler reusing the original hose clamps to fit the standard hoses onto the adaptors.



15. Clip the air temperature sensor into the new mounting bracket and then bolt it in place above the intercooler using the supplied M6 bolt, as shown.



16. On the inside of the front bumper, there is an air guide each side that will need to be removed. To do this, remove the two crosshead screws each side. You will then need to unclip the rubber tab underneath, as shown to remove the air guide.



17. Finally, the bumper and undertrays can now be reinstalled in reverse order.

