

Hyundai i20N Intercooler

Fitting Instructions

Tools Required:

- Ratchet and Socket Set
- Trim Removal Tool or Flat-Blade Screwdriver
- Grinder or similar cutting tool

Kit Contents:

- 1x AIRTEC Motorsport Intercooler
- 1x Temperature Sensor Relocation Bracket
- 2x Pro Hoses Silicone Hoses
- 1x M6x16mm Socket Head Bolt
- 1x M6x35mm Socket Head Bolt
- 2x M6 Pan Washers
- 2x M6 Nyloc Nuts



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

Instructions:

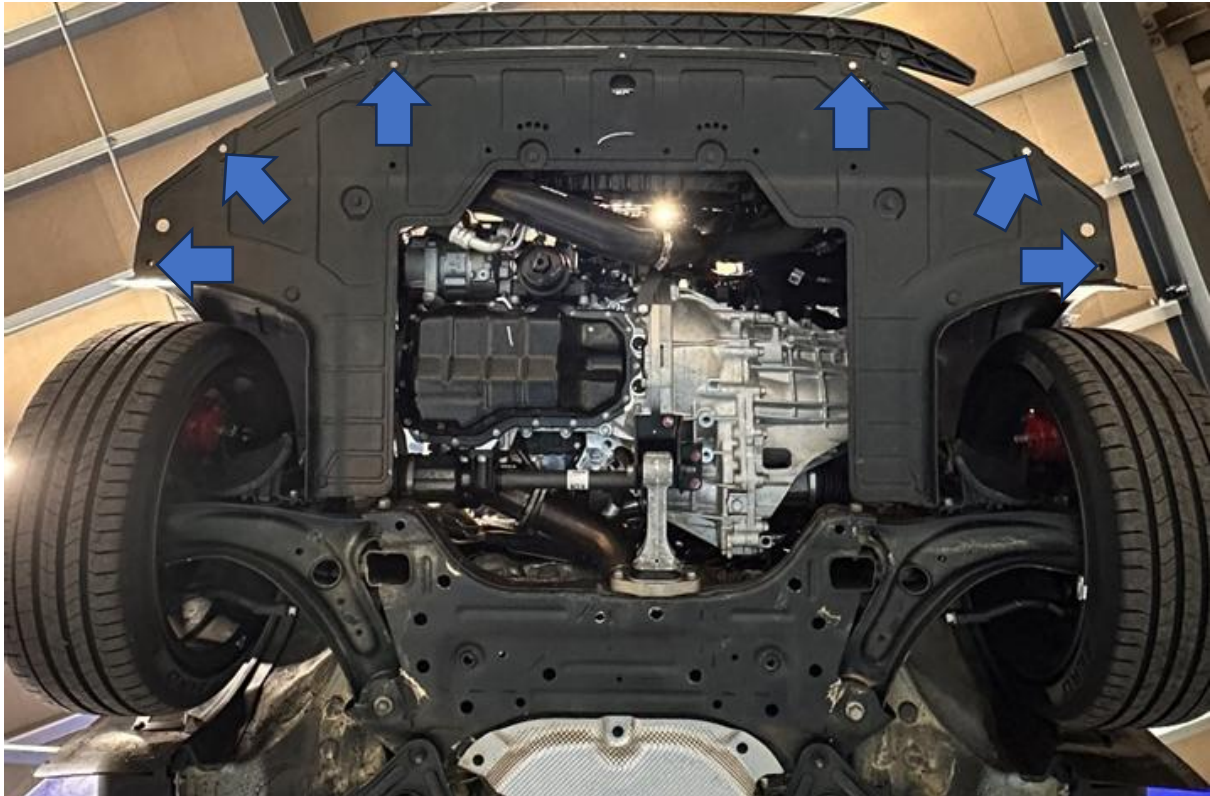
1. Undo the four 10mm bolts (highlighted with orange arrows) along the slam panel and remove the trim clips at either end (highlighted with blue arrows).



2. Working in the front wheel arches, remove the three trim clips (highlighted with orange arrows) followed by the 8mm bolt (highlighted with blue arrow) that attaches the front bumper to the wing on both sides.



3. Working under the car, remove the six trim clips (highlighted with blue arrows) along the front of the bumper.



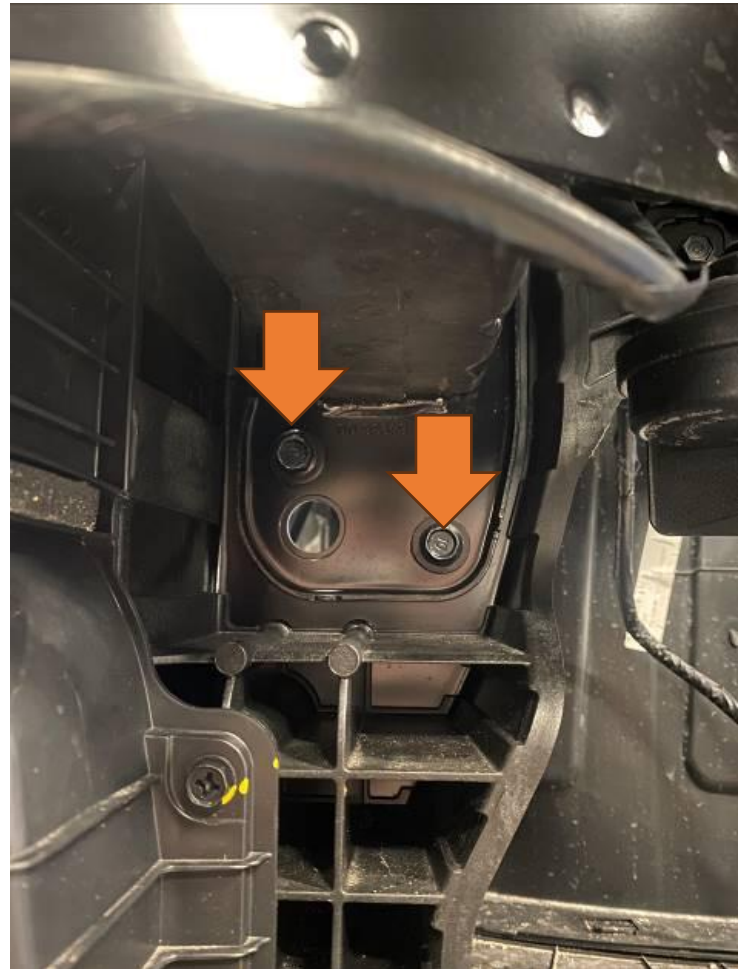
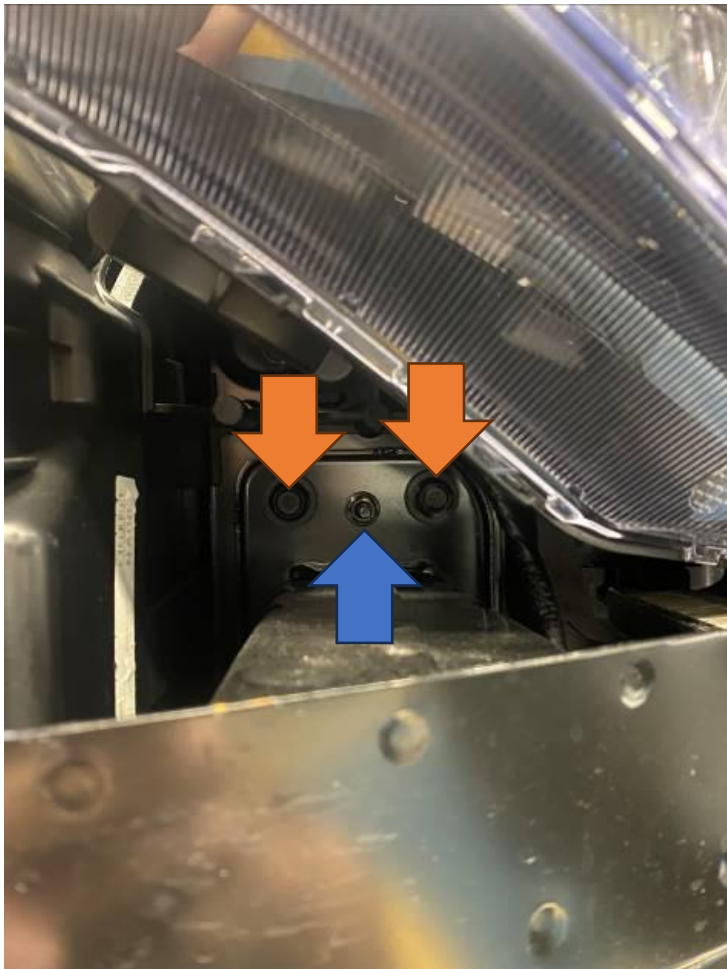
4. Now carefully but firmly pull the edges of the bumper out to release it. With the help of a second person, unplug the fog light connectors on each side.



5. Unhook the temperature sensor from the crash bar.



6. Remove the crash bar by undoing the four 12mm bolts (highlighted with orange arrows) and one 10mm nut (highlighted with blue arrow) each side.



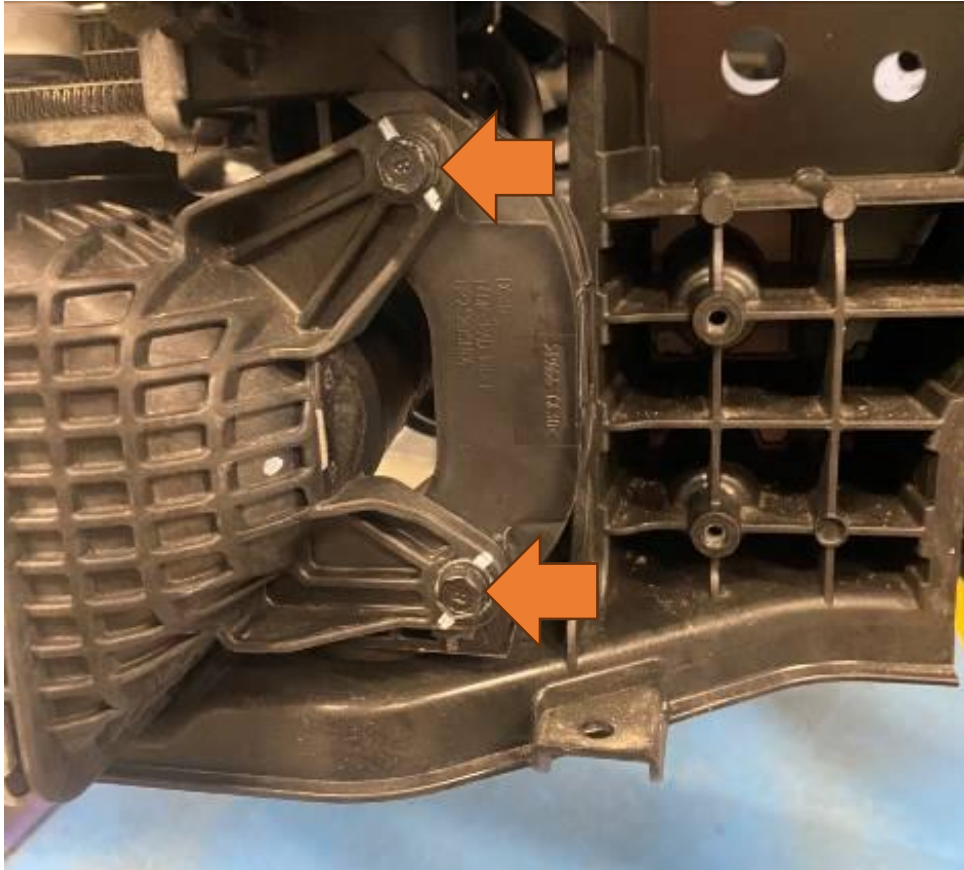
7. Undo the two 10mm bolts each side (orange arrows) holding the air guide to the front of the intercooler. Tilt it forward and then pull upwards to release. This is not reinstalled when reassembling the car.



8. Remove the caps on the jubilee clips and then undo them using a flat-blade screwdriver or 8mm socket. Remove the left-hand side hose (when looking at the car from the front). On the right-hand side you do not need to remove the connector that goes onto the intercooler, as this is not re-used.



9. To remove the intercooler, now undo the two 10mm bolts (highlighted with orange arrows) each side holding it on and then safely place aside.



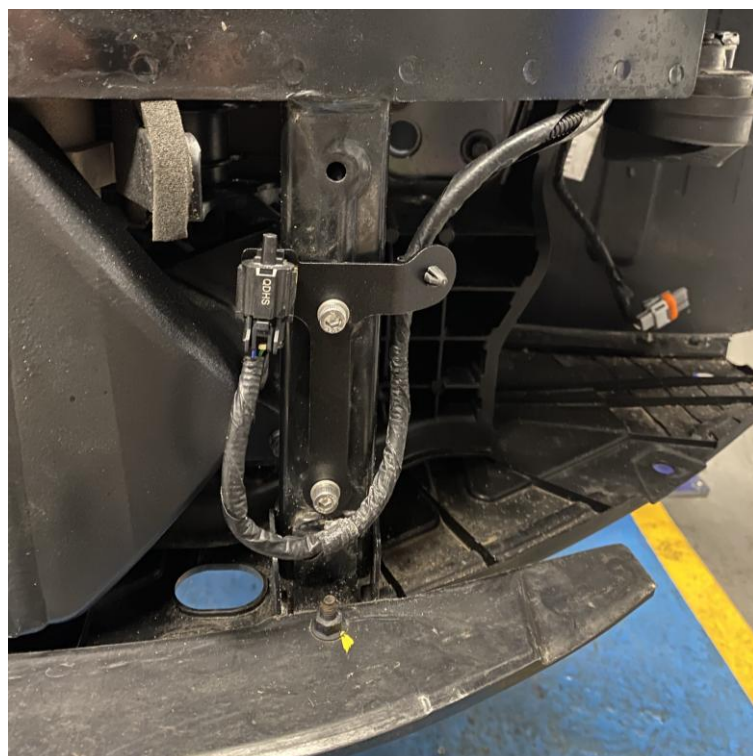
10. Install your new intercooler reusing the original fixings. Fit the new silicone hoses using the supplied jubilee clips and fully tighten once happy with the fitment.



11. Before you can reinstall the crash bar, you will need to cut off the bracket (highlighted with orange arrow) that held on the ambient temperature sensor. We recommend using a grinder or similar to remove the bracket and then painting the area to protect it. The crash bar can then be reinstalled.



12. Install the provided bracket to the right-hand side of the crash bar with the supplied M6 fixings. Clip the temperature sensor in position as shown.



13. Finally, reinstall the bumper in reverse of Steps 2 to 5 and check everything is tight and secure.

