

Hyundai i20N intercooler fitting instructions

Tools needed:

- Socket set
- Trim removal tool or Flat-Bladed Screwdriver
- Grinder or similar cutting tool

Kit Includes:

- AIRTEC Motorsport intercooler
- 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:

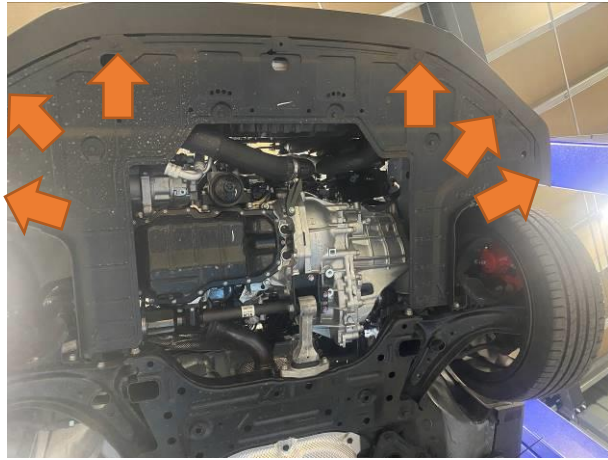
1. Raise the vehicle in the air preferably on a ramp following the manufacturer's recommendations.
2. Undo the four 10mm bolts (highlighted with orange arrows) along the slam panel and remove the trim clips at either end (highlighted with blue arrows).



3. 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.



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



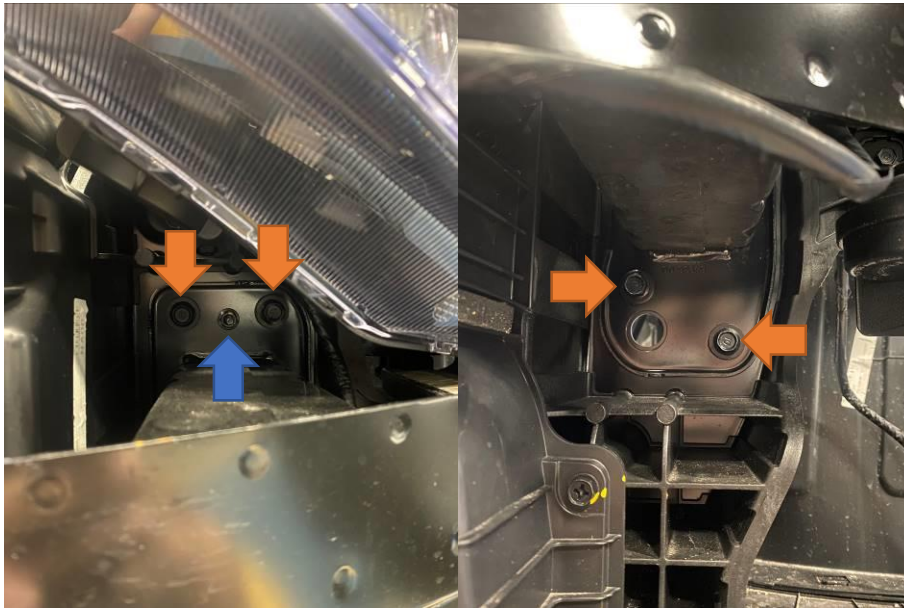
5. With a second person to help, you can now pull the edges of the bumper out to release it whilst one of you holds the bumper the other can undo the fog light plugs on either side.



6. Unhook the temperature sensor from the crash bar.



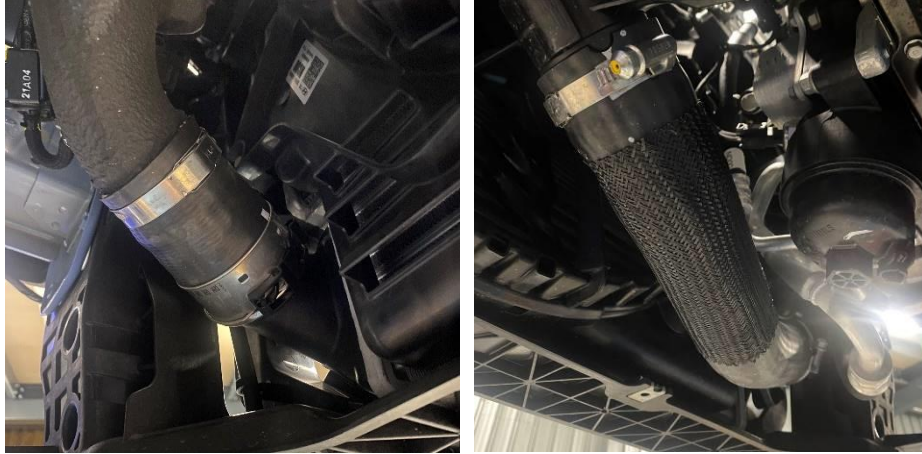
7. Remove the crash bar by undoing the eight 12mm bolts (highlighted with orange arrows) and two 10mm nuts (highlighted with blue arrow). Then set the whole assembly aside.



8. Undo the four 10mm bolts (highlighted with 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.



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



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

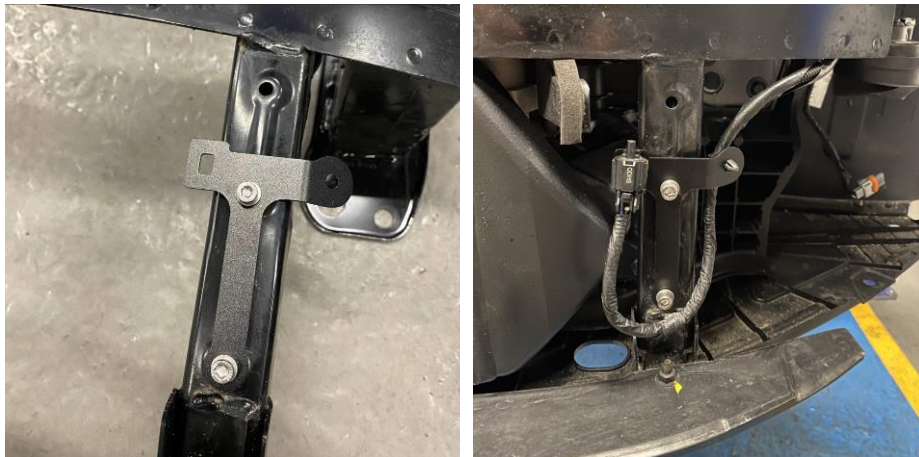


11. Install your new intercooler reusing the fixings that were holding in the original intercooler and fit the new silicone hoses using the supplied jubilee clips and tighten once happy with the fitment.

12. 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.



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



14. Reinstall the bumper in reverse of Steps 2 to 5 and check everything is tight and secure.