

# Hyundai i30N (all models)

## Intercooler Fitting Instructions

### Tools Required:

- Ratchet and Socket Set
- Jubilee Flexi-Driver or Flat-blade Screwdriver
- Trim Removal Tool
- Philips Screwdriver
- Angle Grinder/Hacksaw

### Kit Contents:

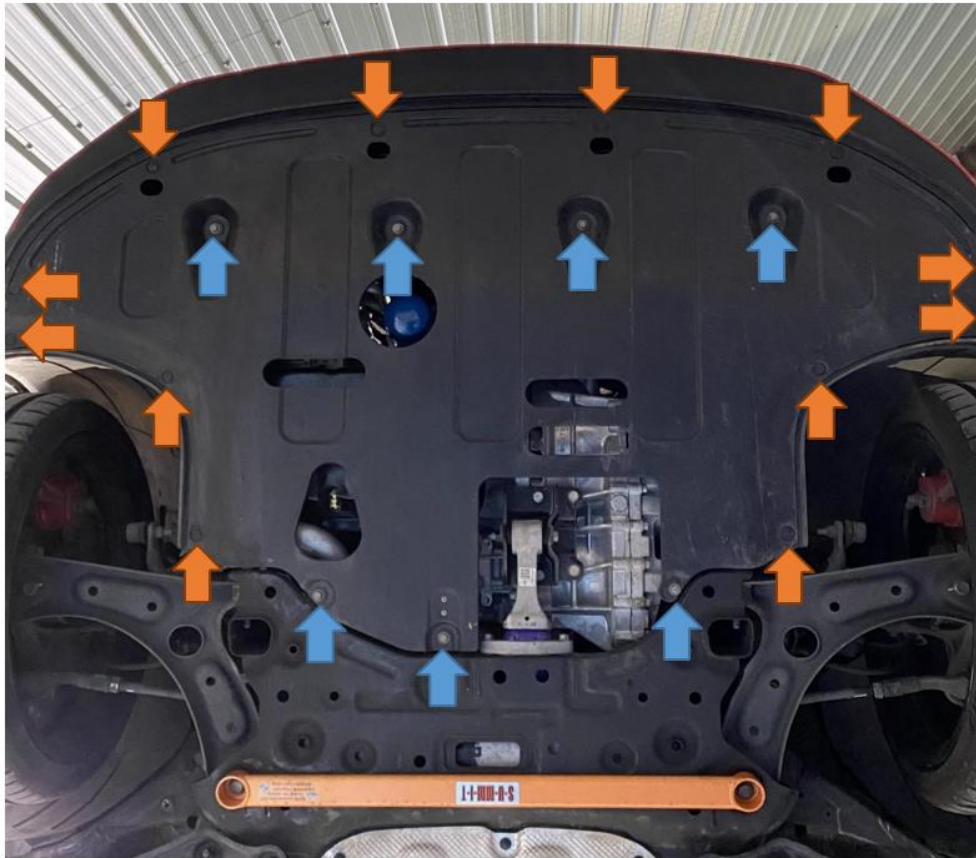
- 1x AIRTEC Motorsport Intercooler
- 1x Temperature Sensor Relocation Bracket
- 2x Silicone Joiners
- 4x Jubilee clips (2x70mm, 2x80mm)
- 2x M6x35mm Cap Head Bolts
- 4x M6 Washers
- 2x M6 Nyloc Nuts



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

## Instructions:

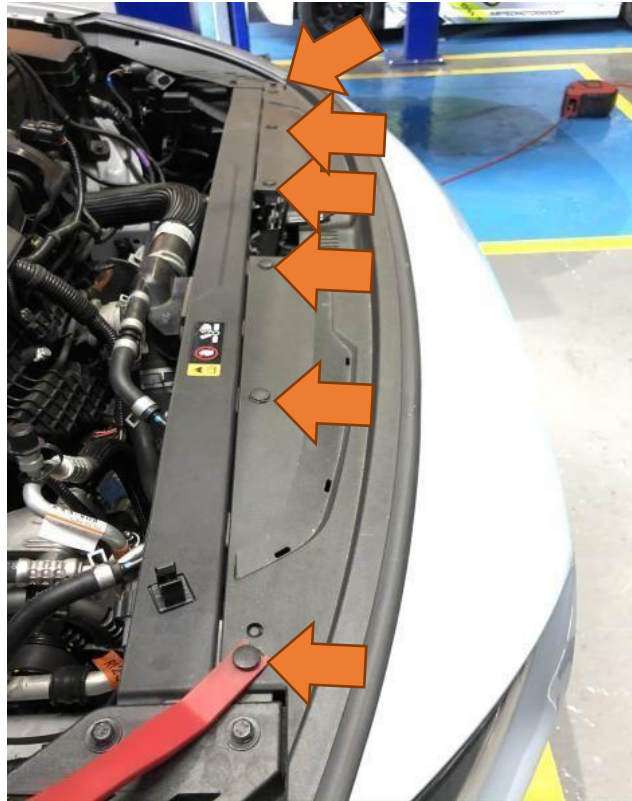
1. Start by removing the undertray from the car by removing the twelve plastic clips (highlighted with orange arrows) using a trim removal tool or flat bladed screwdriver, followed by seven 10mm bolts (highlighted with blue arrows). The undertray is then removed by sliding it towards the front of the car.



2. In both wheel arches there are three plastic clips that need to be removed using a trim tool and then an 8mm bolt.



3. There are six plastic clips to be removed with a trim tool along the slam panel.



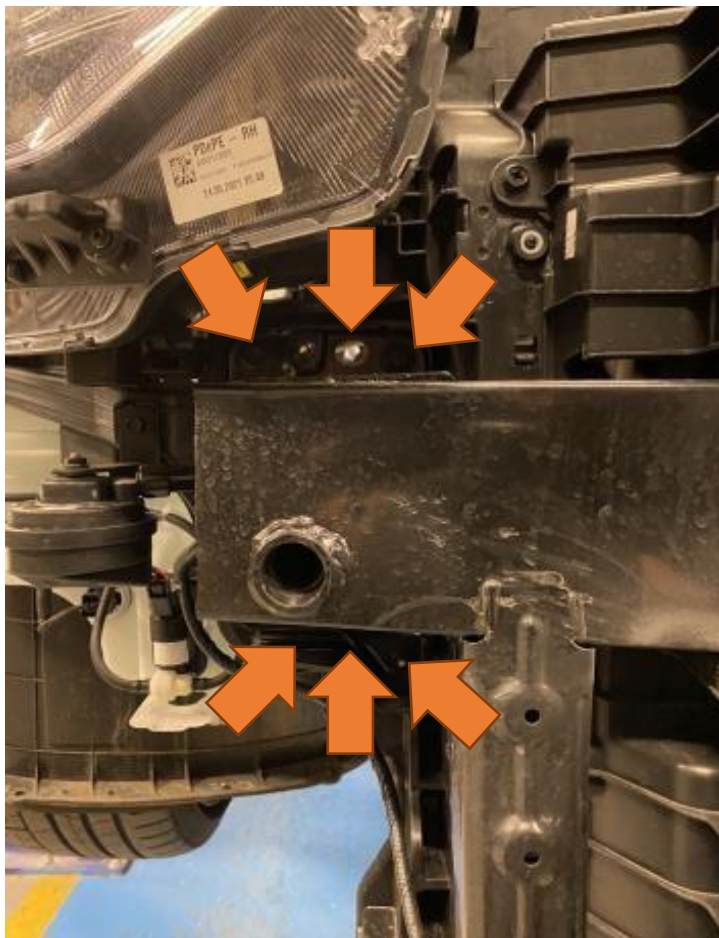
4. The edges of the bumper can now be carefully but firmly pulled out, which is best done by pulling from the top corner where the bumper meets the front wing and working your way forward. This is best done with another person doing the same on the other side so that once both sides are pulled forward one person can support the bumper whilst the other disconnects the wiring connector on the near side, which will be revealed when the bumper is ready to come off.



5. Unclip temperature sensor from the crash bar.

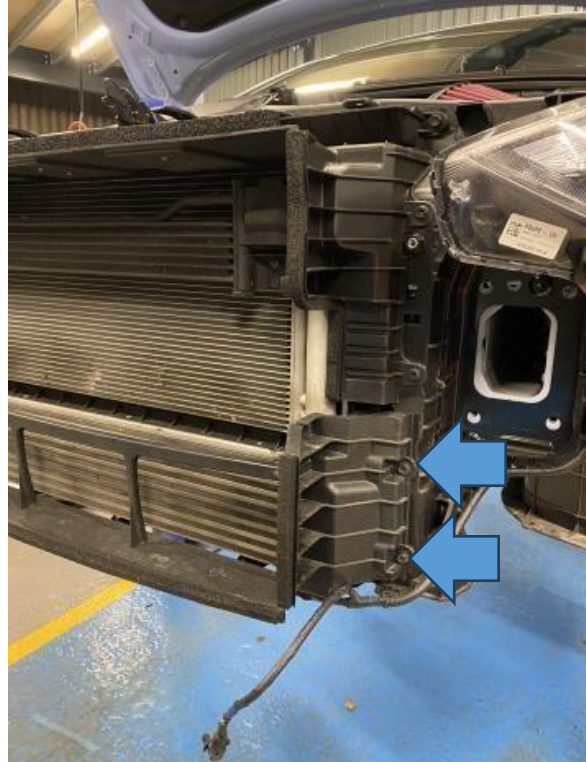
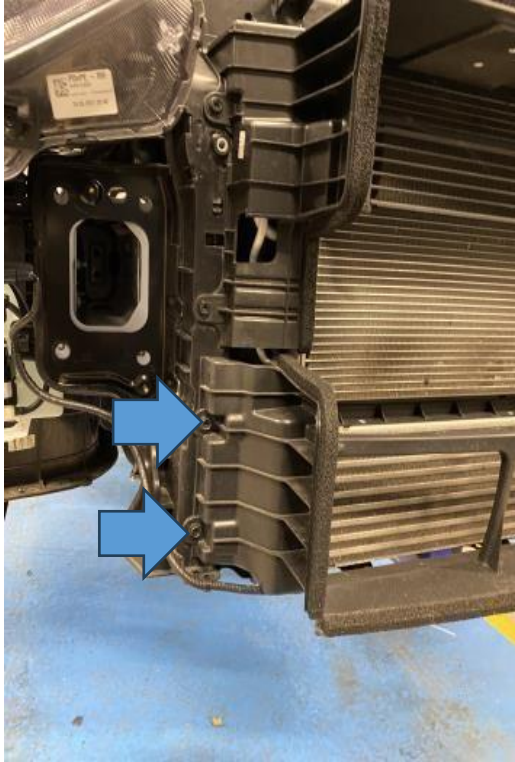


6. Remove crash bar by releasing the two 10mm nuts each side followed by the four 12mm bolts, then tilt the bar forward and pull out. This is best done using a second person to support the crash bar during the process.





7. Remove the surround by undoing four 10mm bolts and pulling the ducting out of the locating pins. The ducting is not refitted once your new intercooler is installed.



8. Undo the jubilee clips holding on both the boost hoses enough so that they are free to slide off. To remove them you will need a pair of grips or a flat-bladed screwdriver to remove the cap and then an 8mm socket to undo them. Remove both hoses from the car, as these are not used when installing your new intercooler.



9. Remove the intercooler by undoing the four 10mm bolts and pulling it forward.



10. Before you can install your new AIRTEC Motorsport intercooler you will need to remove the temperature sensor bracket from the crash bar. This is best done using an angle grinder. We recommend painting over the cut on the crash bar to help prevent rusting.





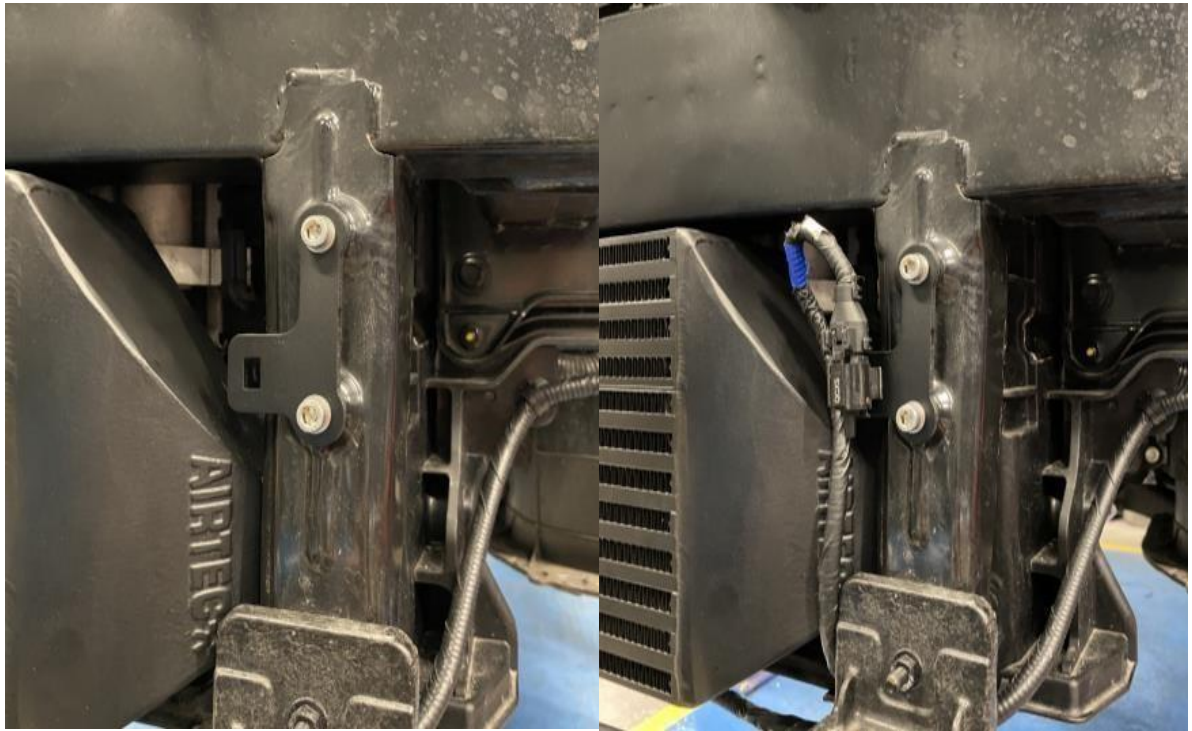
11. Install your new Pro Hoses silicone joiners by placing them onto the existing hard pipes but leave the supplied jubilee clips loose so that you can adjust the fit once the intercooler is in place. Ensure the jubilee clips for both sides are on the hoses. The 70mm ones are for the new hose to the stock pipes and the 80mm ones are for your new intercooler.



12. Install your new AIRTEC Motorsport intercooler by angling it in on the left side when looking at the vehicle from the front and then pushing the right side in place and secure in place by reusing the original 10mm bolts removed in Step 10.



13. Reinstall the crash bar onto the car and then install the supplied bracket using the M6x35mm Cap Head bolts, washers and Nyloc Nuts to go through the two holes in the crash bar. Once installed, clip the temperature sensor onto the bracket.



14. You can now reinstall the remaining original parts in the reverse order of Steps 1 to 5.

