

Hyundai i20N Quick Shift Fitting Instructions

Tools Required:

- Ratchet and Socket Set
- Jubilee Flexi-Driver or Flat-Blade Screwdriver
- 10mm Spanner
- Hose Clamp Pliers

Kit Includes:

- 1x AIRTEC Motorsport Quick Shift
- 1x Stainless Steel Mounting Post
- 1x R-Clip
- 1x M6 Grub Screw
- 1x Bottle of Thread Lock



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

Instructions

1. Disconnect the battery terminals using a 10mm spanner and unclip the negative cable from the ECU bracket to allow it to be moved out of the way.



2. This car is fitted with the AIRTEC Motorsport induction kit. To remove, undo the bolt holding the support bracket to the engine, then remove the two hoses attached to the induction pipe and undo the jubilee clip the back of the induction pipe.

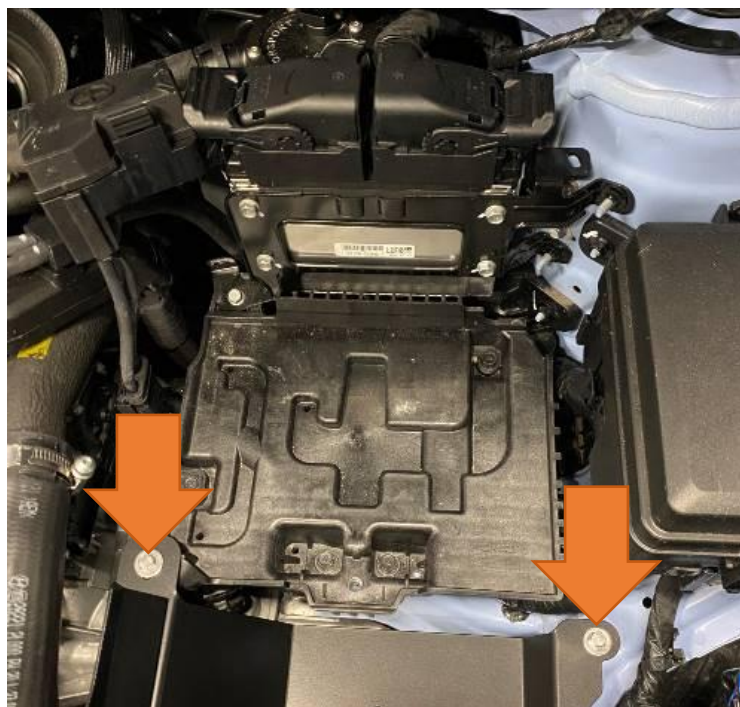
If your vehicle is fitted with the original air box, remove it following our induction kit fitting instructions.



3. Remove the 12mm bolt holding the battery clamp down and remove the battery.



4. Remove the 10mm bolt that connects the induction shield to the battery tray, and the 10mm bolt holding the wiring harness down on the left-hand side of the battery tray.



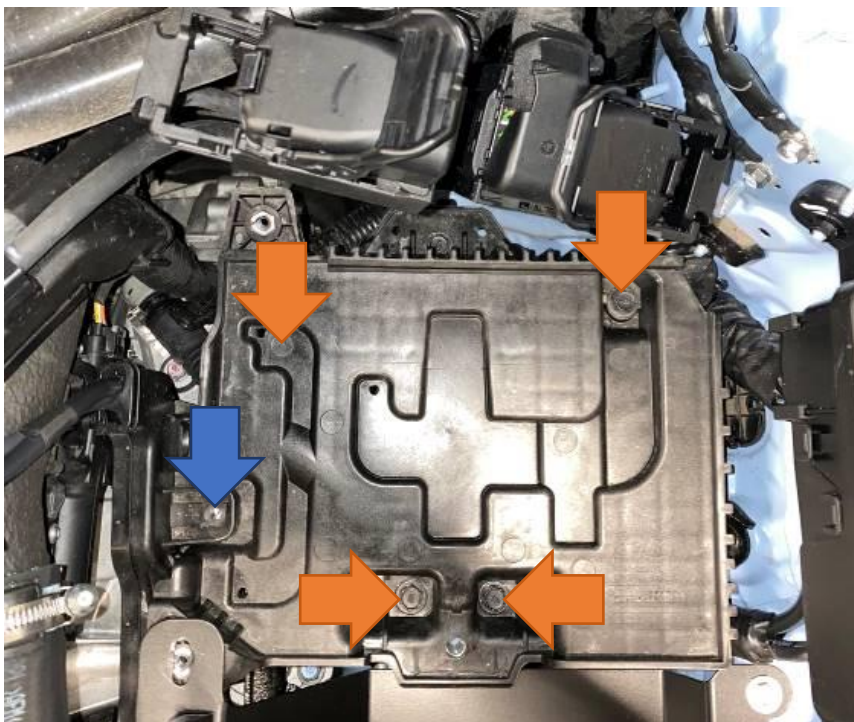
5. Unplug the ECU by pressing the tab to release the clamps that then pull up. There are two individual plugs on top of the ECU.



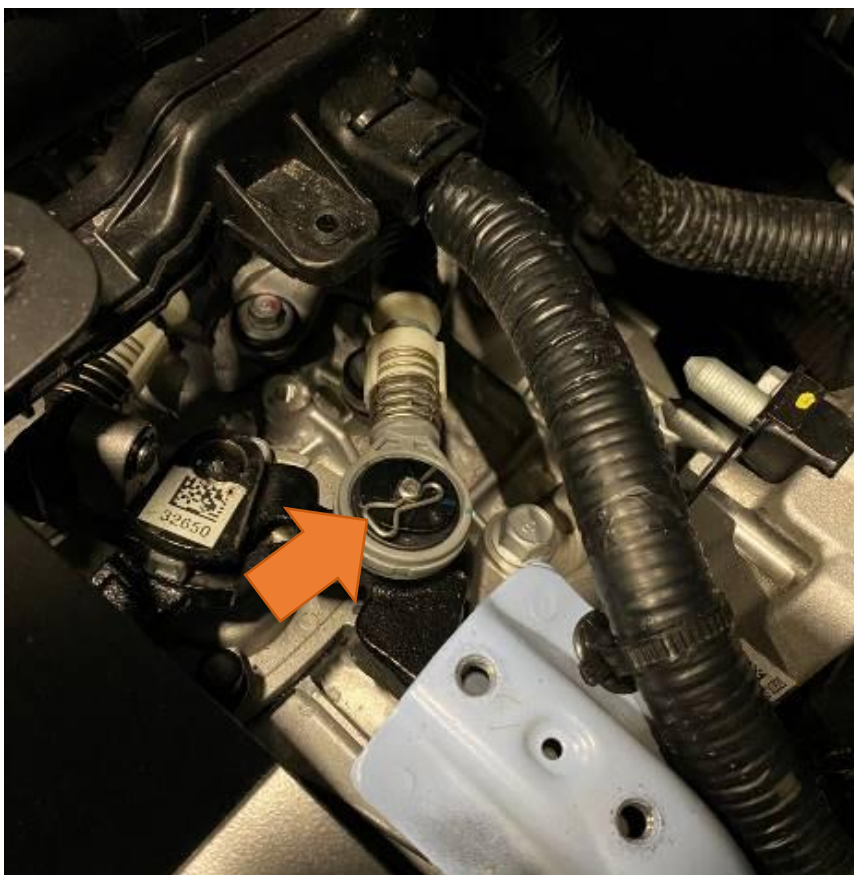
6. Undo the 10mm bolt holding the ECU in place on the left-hand side and then the two 10mm nuts holding the ECU to the strut tower.



7. Now remove the four 12mm bolts securing the battery tray along with the 10mm bolt (highlighted with blue arrow) holding the wiring loom in place on the left side of the battery tray. Remove the battery tray from the car.



8. Now there is access to the gear linkage. Remove the R-clip holding the linkage cable onto the shifter arm and once removed, carefully lift the cable up and out of the way.



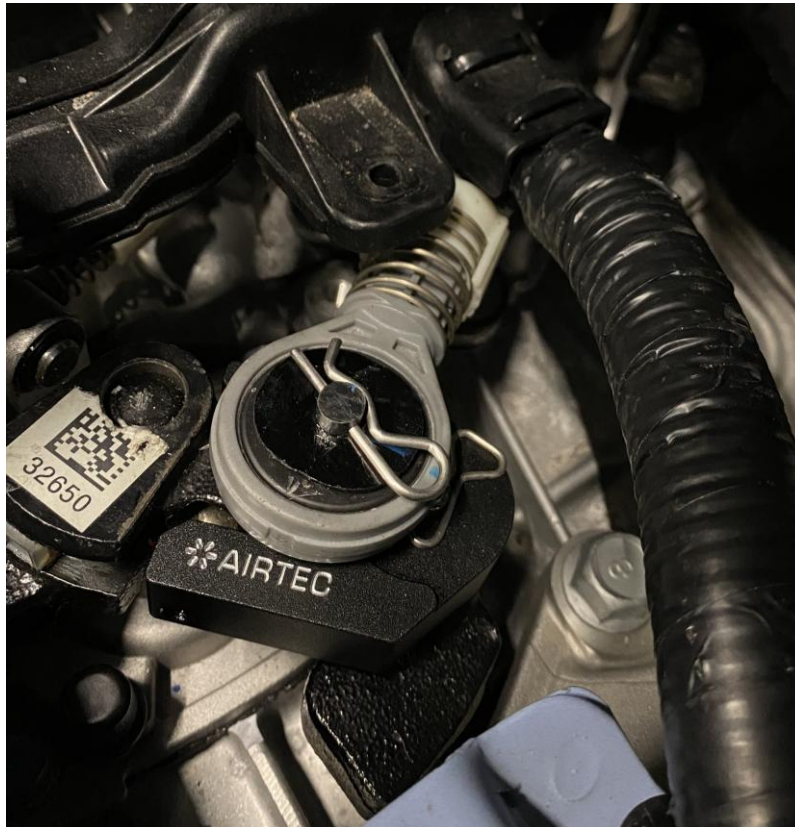
9. Install the supplied mounting post into the quick shift in your desired location, applying the supplied thread lock to the thread before tightening. The furthest hole from the original post hole gives a 35% reduction in shift throw and the closer hole gives 15%.



10. Now install the quick shift onto the shifter arm and secure in place using the original R-clip. Then apply the supplied thread lock to the grub screw and fit in place as shown.



11. Re-fit the linkage cable onto the new shifter post and secure using the R-Clip supplied.



12. Finally, reinstall the battery tray and other components in reverse of Steps 1-8 and ensure everything is tight and secure.