

Hyundai i20N quick shift fitting instructions

Tools needed:

- Jubilee flexi-driver or flat-bladed screwdriver
- Ratchet set
- 10 & 12mm socket
- 10mm spanner
- Hose clamp pliers

Kit Includes:

- AIRTEC Motorsport quick shift
- 1 x Stainless steel post
- 1 x R – clip
- 1 x M6 Grubscrew
- 1 x bottle of threadlock

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 10 mm spanner. Unclip the negative cable from the ECU bracket to allow it to be moved out of the way.



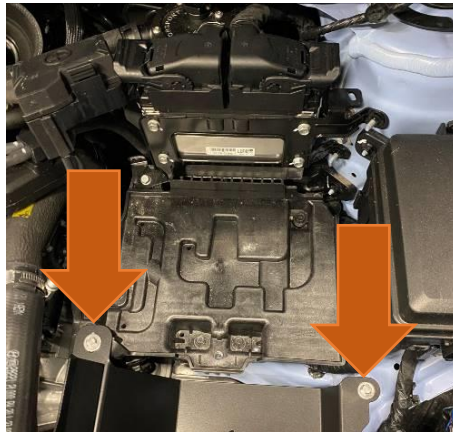
2. Remove the 10mm holding the bracket to the engine. Then remove the two hoses attached to the induction pipe and undo the jubilee clip holding the back of the induction pipe in. If your vehicle is fitted with the stock air box assembly then remove the two hoses and undo the two hose clamps (10mm) holding the pipe to the air box and rear pipe.



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



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



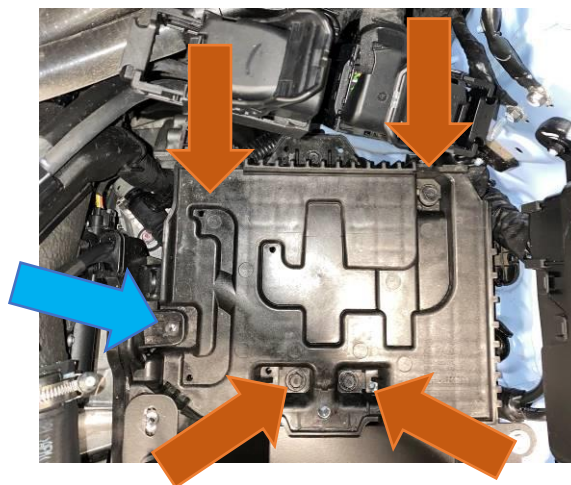
5. Unplug the ECU by pressing the button to release the clamps that then pull up. There are 2 individual plugs on top of the ECU.



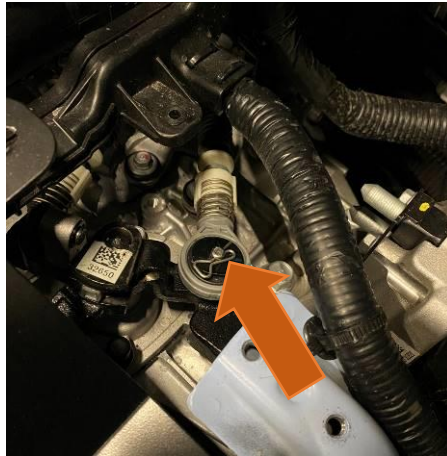
6. Undo the 10mm bolt holding the ECU in place on the left-hand side and then the two 10mm nuts holding the ECU to the strut tower.



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



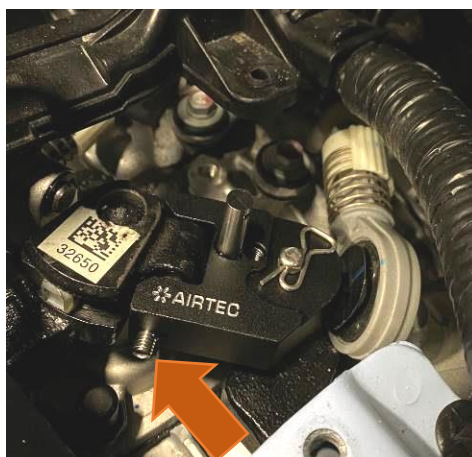
8. Now there is access to the gear linkage, remove the R-clip holding the linkage cable onto the shifter arm and once removed, carefully lift the cable up and out of the way.



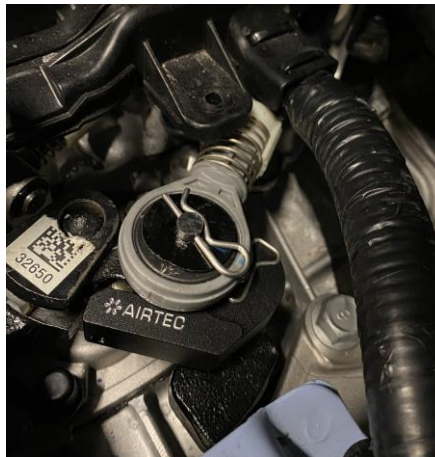
9. Install the supplied mounting post into the quick shift in your desired location, applying the thread lock to the thread before tightening. The furthest hole from the original post hole gives a 35% reduction in shift throw and the closer hole gives 15%.



10. Now install the quick shift onto the shifter arm and secure in place using the original R-clip and tighten the grub screw with the thread lock applied into the shifter arm.



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



12. Reinstall the battery tray and other components in reverse of removal.