

# Nissan R35 GTR Induction Kit Fitting Instructions

## Tools needed:

- Socket set
- Trim removal tool or flat bladed screwdriver
- Allen keys
- jubilee flexidriver

## Kit Includes:

- 2 x AIRTEC Motorsport foam filters
- 2 x AIRTEC Motorsport induction pipes
- 2 x Brackets
- 2 x PRO Hoses reducers
- 6 x Jubilee Clips
- 2 x M6 x 45mm
- 2 X M6 Nyloc
- 4 x M6 large washers
- 4 x M6 x 12mm
- 4 x M6 washers
- 4 x M4 x 10mm
- 4 x M4 washers



Please note:

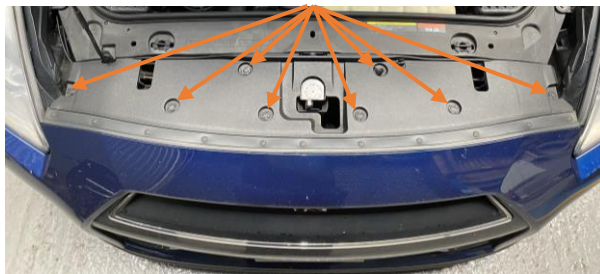
THIS INDUCTION KIT USES A LARGER DIAMETER INDUCTION PIPE COMPARED TO STOCK AND AS SUCH SHOULD ONLY BE FITTED TO A CAR THAT HAS BEEN REMAPPED TO SUIT OR IS GOING TO BE REMAPPED AFTER FITTING. FAILURE TO DO THIS COULD RESULT IN INCORRECT FUELING WHICH COULD CAUSE RUNNING ISSUES OR IN SEVERE CASES ENGINE FAILURE.

## Instructions:

1. Open bonnet and make sure it is secure using the factory bonnet stay.



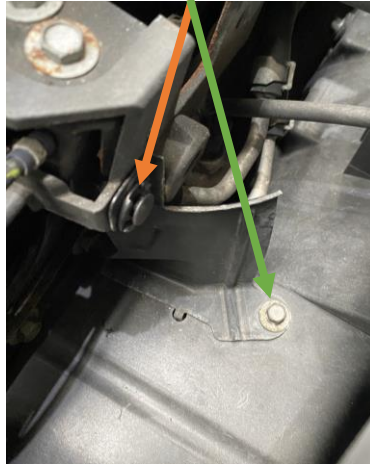
2. Remove the front plastic panel using a trim removal tool or flat bladed screwdriver to remove eight plastic clips and set aside.



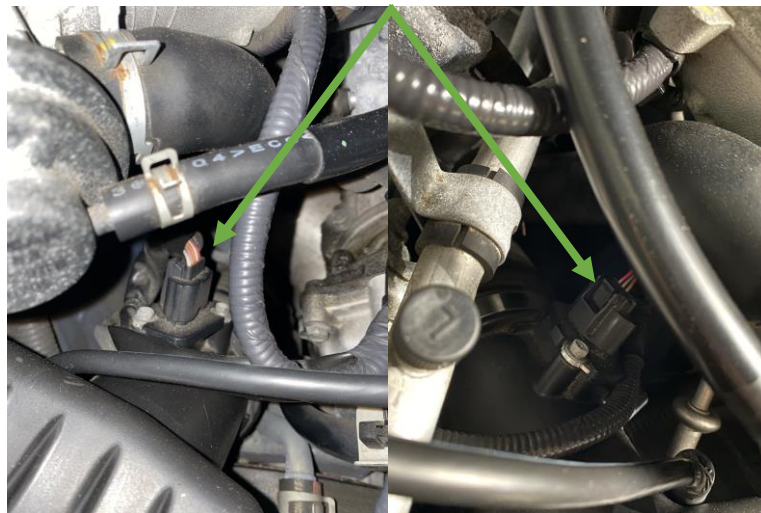
3. Remove the plastic trumpet each side by removing the plastic clip holding it on.



4. Remove the air guides by undoing a 10mm bolt and removing a plastic clip on each side. Both these and the plastic trumpets can be discarded as they are not used when fitting your new induction kit.



5. Unplug the MAF sensor and unclip the wiring harness from the airbox on both sides.



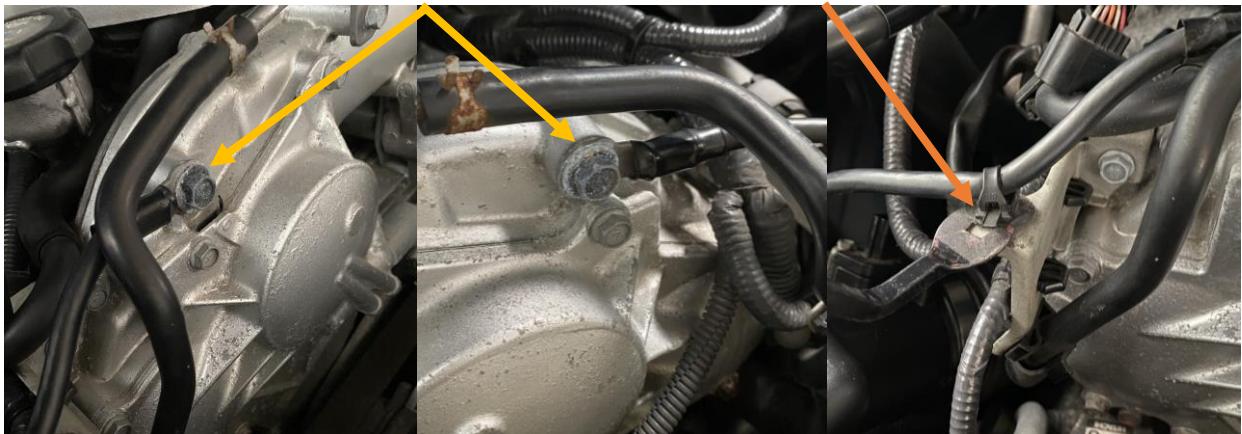
6. Remove the two 10mm bolts holding the airbox to a bracket on the front wing on each side of the car and remove the bracket.



7. Loosen the jubilee clips (8mm) holding the hose on to the airbox each side.



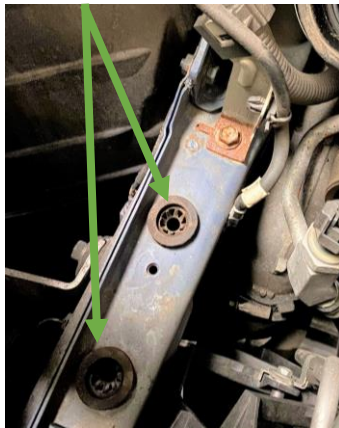
8. Undo the ends of the earth strap on both sides of the cylinder head by removing the 12mm bolt holding it in and unclip the wire from the brackets allowing the earth straps to be moved out of the way.



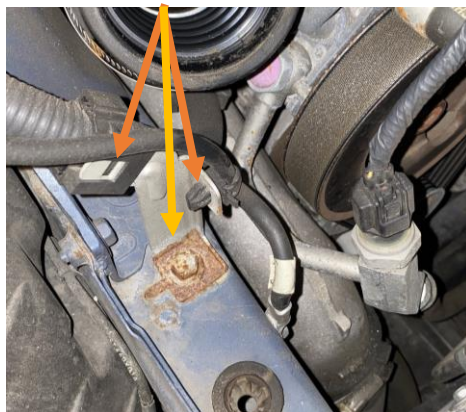
9. Undo the two 12mm bolts holding on each dump valve to the top intake tubes and move them out the way. (The hoses can remain connected and just locate them away from the airbox to make it easier to get the boxes out and new pipes in.) Pull the gasket off and keep safe.



10. To remove the airboxes from the car you will need to pull up firmly on the airbox to release them from the two rubber mounts pictured below, once released remove from the car.



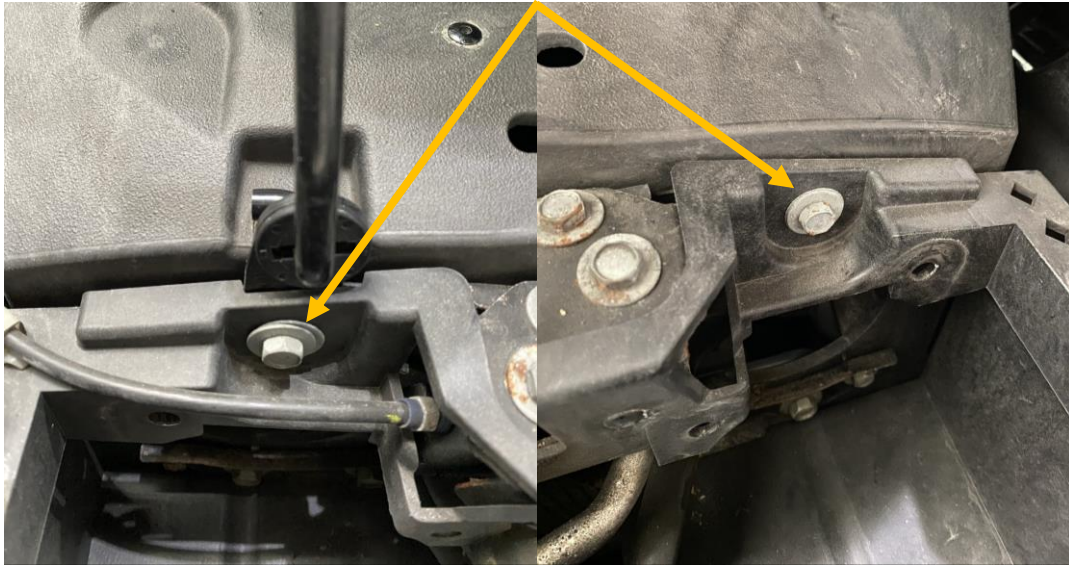
11. Unclip the earth strap from the bracket holding it down to the chassis along with removing the wiring loom by pushing in on the back of the tab and wiggling the holder off, once removed then undo the 12mm bolt and remove the bracket from each side.



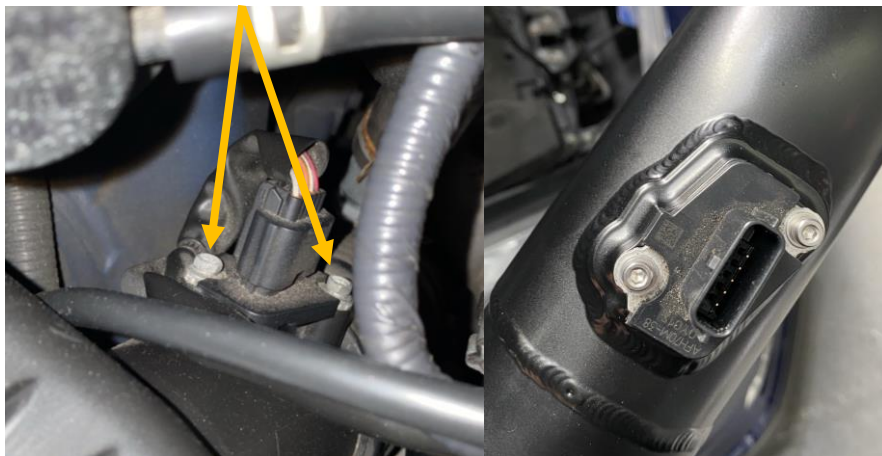
12. Undo the jubilee clips (8mm) holding the hose on to the turbo and remove the hoses. Take care not to drop anything into the turbo inlet.



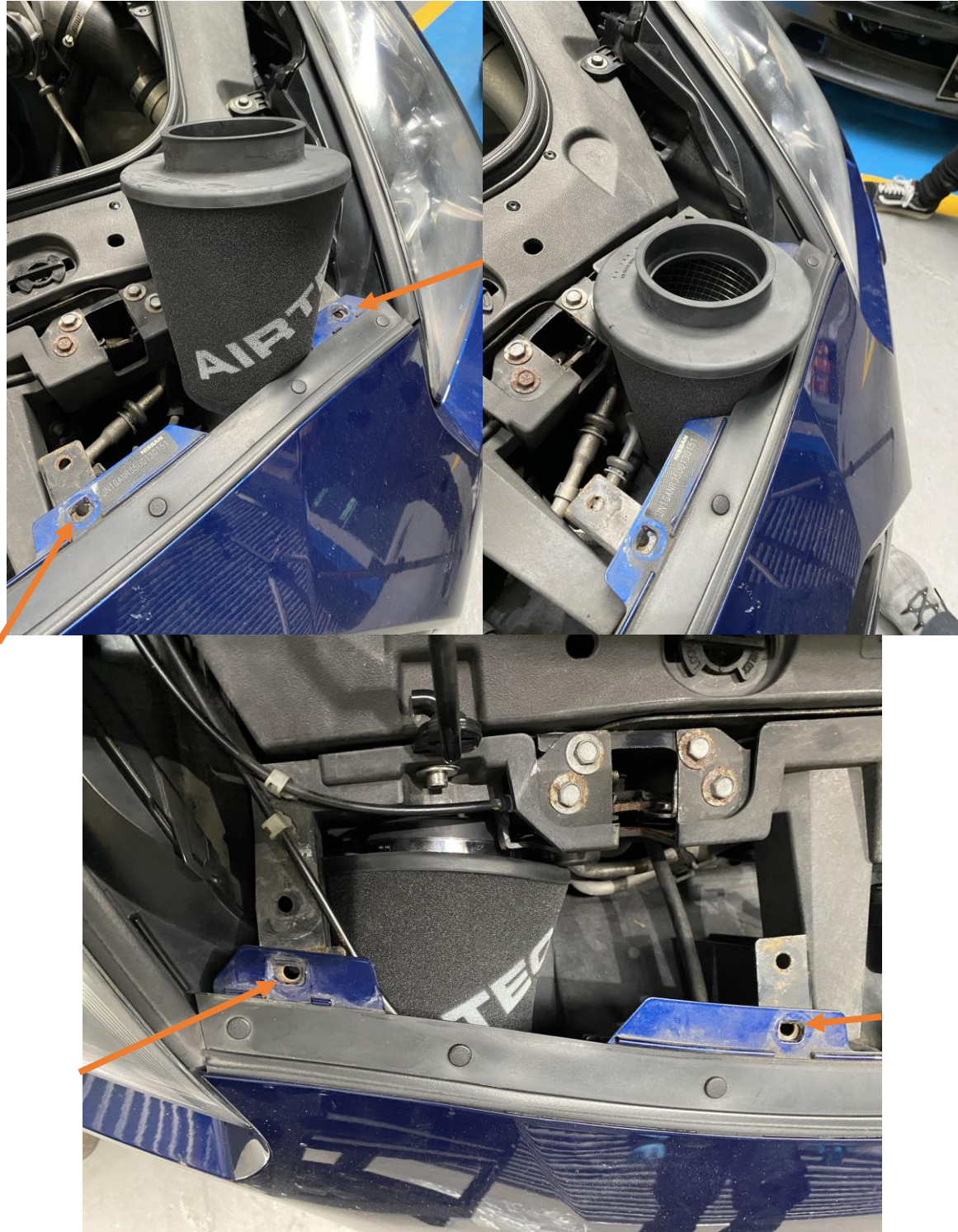
13. Remove the 10mm bolt shown each side and replace it with the 45mm long M6 bolt provided with a washer.



14. Remove the MAF sensor from the original airboxes by undoing the two 7mm bolts holding them in and install them into the new induction pipes using the supplied M4 bolts. Make sure to place the MAF sensor back into the same side as it came from.

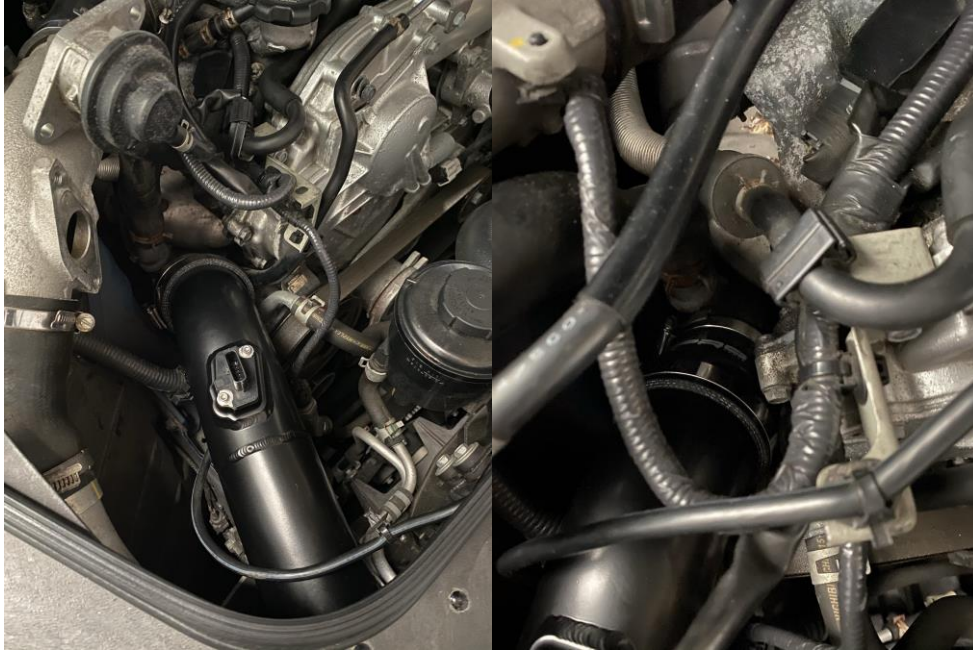


15. Insert the filters each side as pictured, they will need to be squashed down in order to fit in the gap. Place the jubilee onto the filter before putting in place as it can become quite difficult once in position. Once in place you are then able to get your hand inside the filter from inside the engine bay and push the shape back out. To help with fitting remove plastic clips along the top of the bumper highlighted by the arrows, this allows you more access. (You may need someone with small hands here to get inside the filter neck.)





16. Put your new Pro hoses silicone hoses on to the turbos with the four remaining jubilee clips.
17. Insert your new AIRTEC Motorsport induction pipes. Start with the end that goes into the filter and push it into the filter and then you can rotate it round and put it into your new silicone hoses. Do not tighten the jubilee clips yet.



18. Get the supplied bracket and place it on to the bolt that you inserted earlier and then use the washer and nyloc to secure. Line up the other two holes on the bracket with the two threaded holes on the machined block on top of the induction pipes and once happy with the position insert 2 x M6 bolts with washers in to each side and tighten.
19. Once happy with the positioning of the induction kit tighten all of the jubilee clips, reroute the earth strap over the induction pipes and reattach to the cylinder head on both sides, reinstall the dump valves making sure to place the gasket on, reinstall the clips on the front bumper and then reinstall the plastic panel on top.

