

Nissan GT-R R35 Ultimate Intercooler Fitting Instructions

Tools needed:

- Ratchet and Socket Set
- Allen Key Set
- Trim Removal Tool
- Flat-bladed Screwdriver
- Phillips Screwdriver
- Dremel tool or similar
- Drill and 9mm Drill Bit
- Protective/masking

Kit Includes:

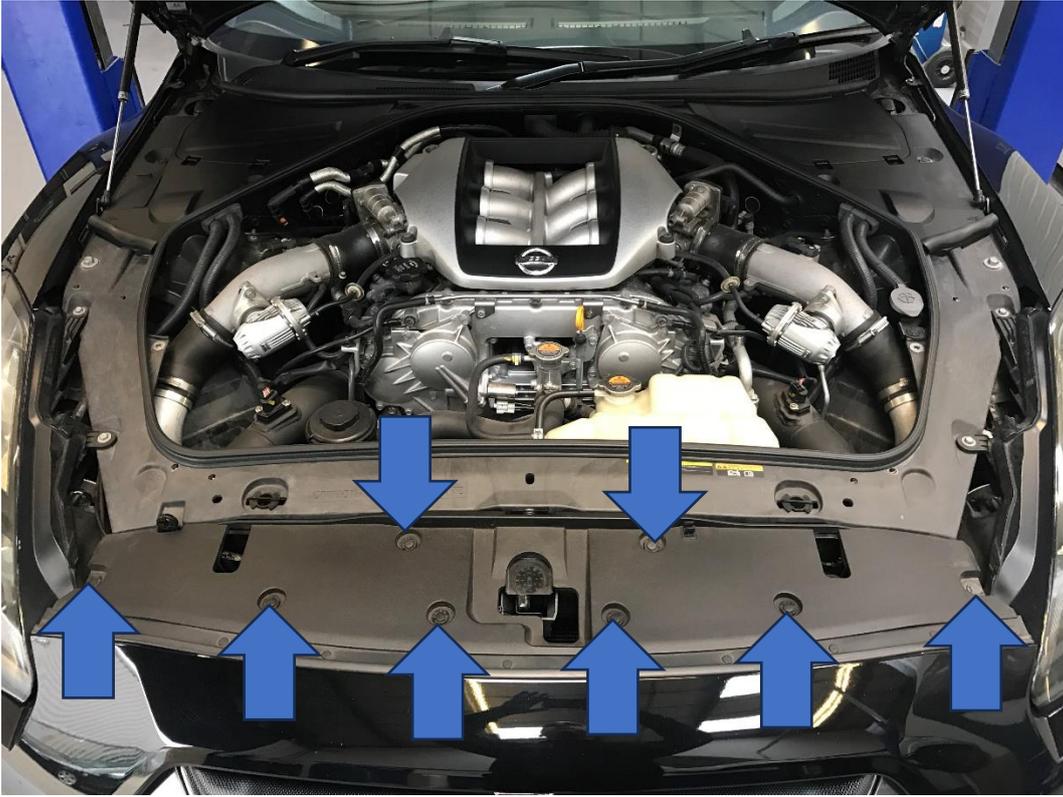
1x AIRTEC Motorsport intercooler	8x Hard Boost Pipes
2x AIRTEC Motorsport Air Filters	2x Mounting Brackets
1x Lower Intercooler Bracket	2x Horn Brackets
24x Jubilee Clips	2x M8x10mm Hex Head bolts
2x M8 Mudguard Washers	2x M6x16mm Socket Head bolts
2x M6 Mudguard Washers	2x M6 Riv Nuts
3x M6x16mm Hex Head bolt	3x M6 Mudguard Washers
2x M8 Button Head bolts	

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

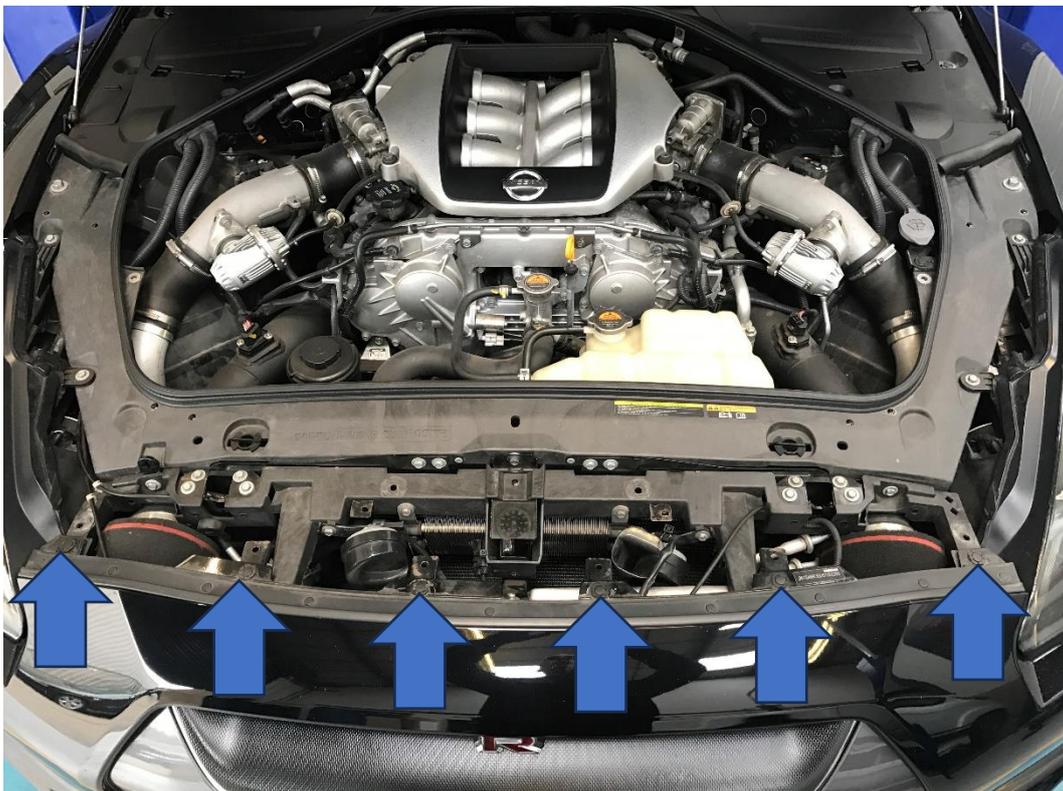


AIRTEC 
M O T O R S P O R T

1. Remove the eight push fittings securing the radiator shroud using a trim removal tool.



2. Remove the six push fittings securing the top of the bumper.



3. Remove the front engine under tray and splitter by releasing the 10 bolts under the rubber grommets (green arrows), the six centre bolts (orange arrows) and the six push fittings (blue arrows) securing it to the inner arches. The front undertray should drop from the bumper and slide out from middle section of the undertray.



4. Remove the front section of the inner arch liners by removing the one Phillips screw and six push fittings each side.



5. Unclip the side repeaters to allow access to the 10mm bolts securing the bumper to the wings.



6. Now remove the three 10mm bolts securing the bumper to the wing.



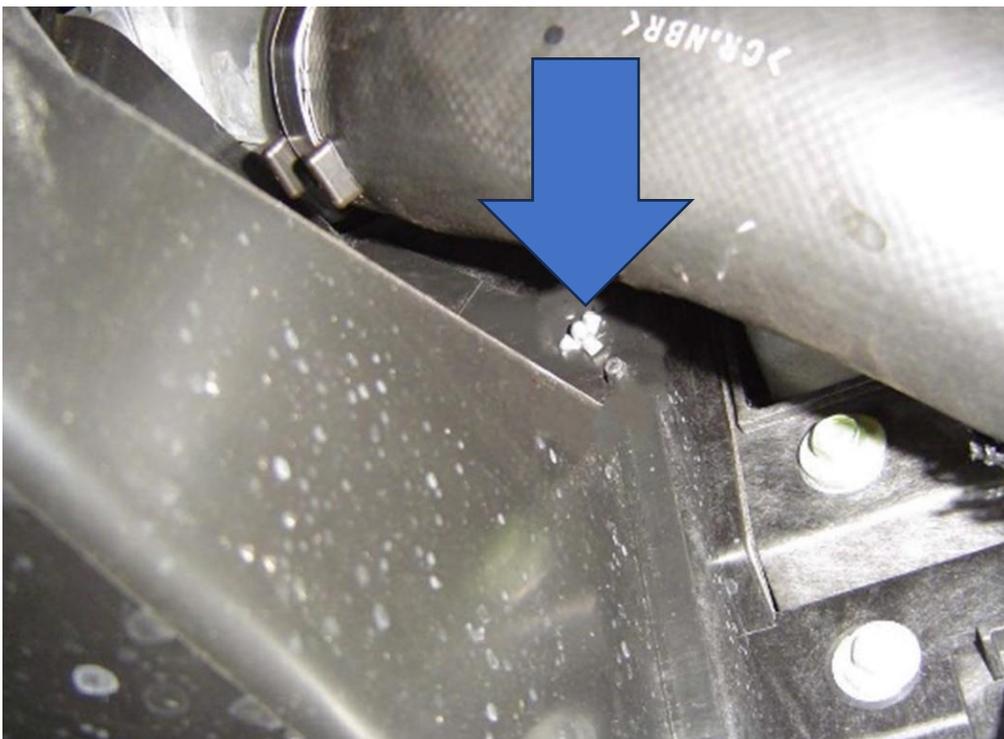
7. Place some protective tape over the bumper and wing and then carefully but firmly pull the corners of the bumper to release them. Then, using the help of a second person move the bumper forward and unclip both the headlight washer pipes inside, as well as the wiring plug above the left-hand side of the crash bar.



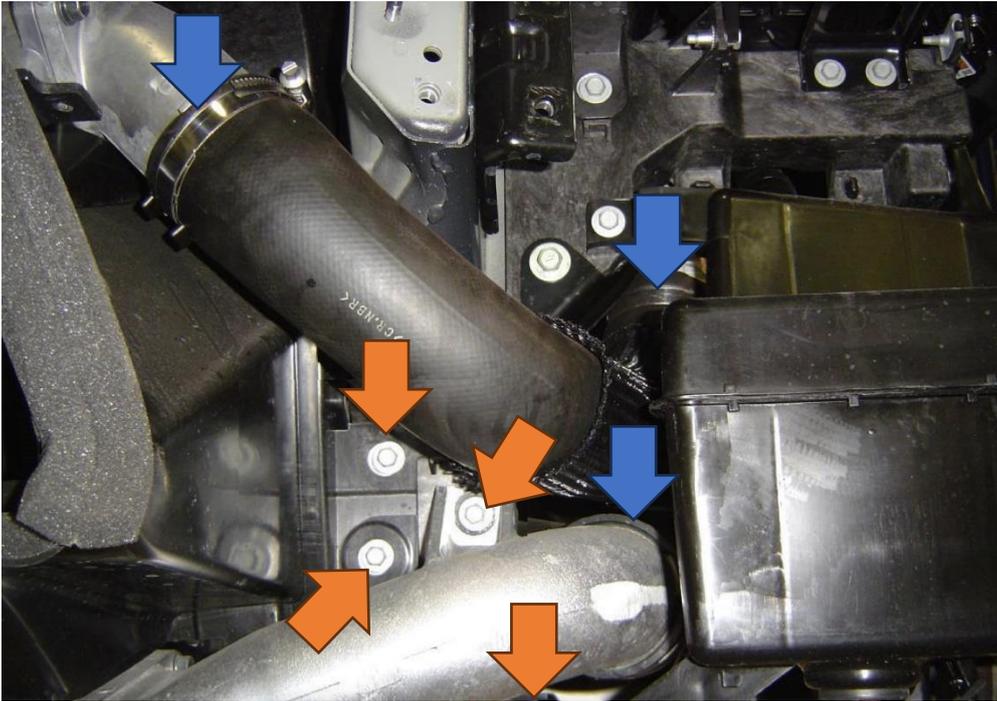
8. Release the eight 12mm bolts (blue arrows) to remove the crash bar, as well as the six 10mm bolts (orange arrows) for the front splitter supports.



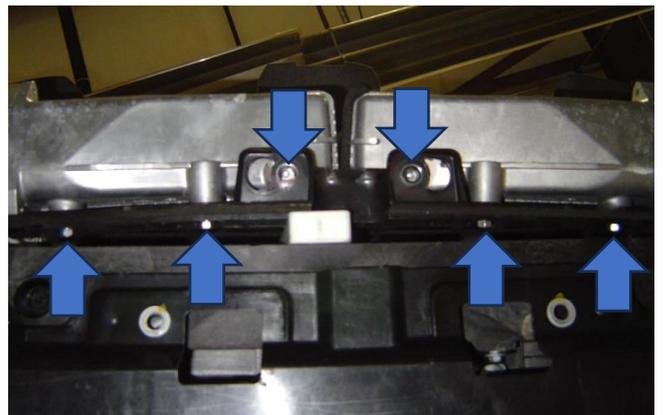
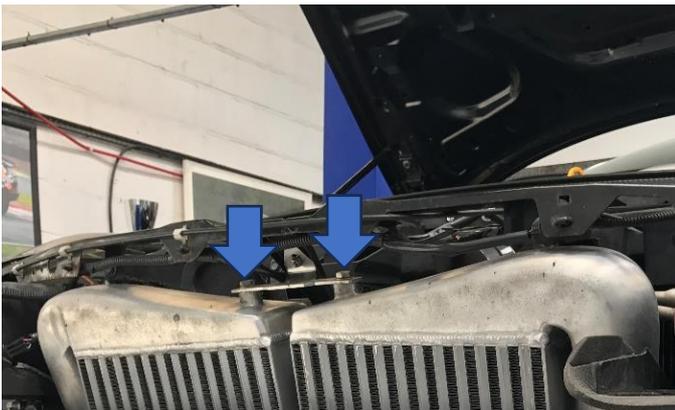
9. Locate the four plastic rivets securing the intercooler shroud in place and cut them off using a Dremel tool or similar.



10. Remove the boost hoses and induction pipes either side (blue arrows). Then remove the three bolts holding the intercooler boost pipes and support frame in place (orange arrows) and pull the support away from the car to gain access to the hidden intercooler bolts.



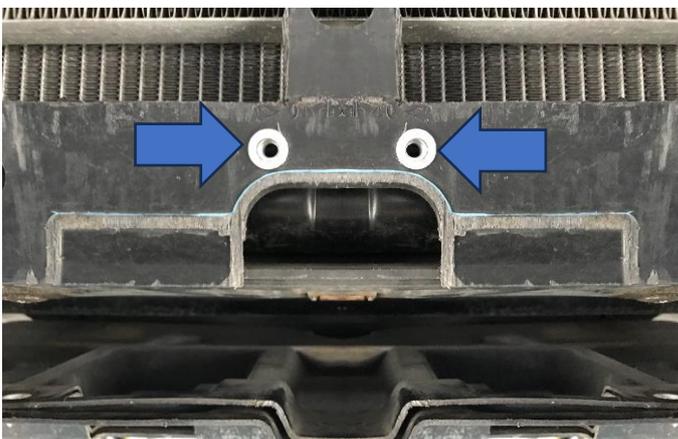
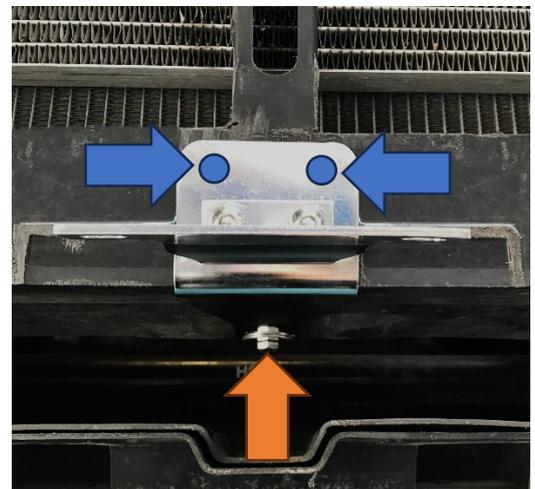
11. Remove the original intercoolers by undoing the two bolts securing the top of the intercooler. Then from underneath, remove the four lower bolts securing each intercooler to the securing frame as well as the single bolt supporting the bottom of the intercooler. The intercoolers can then be removed from the car.



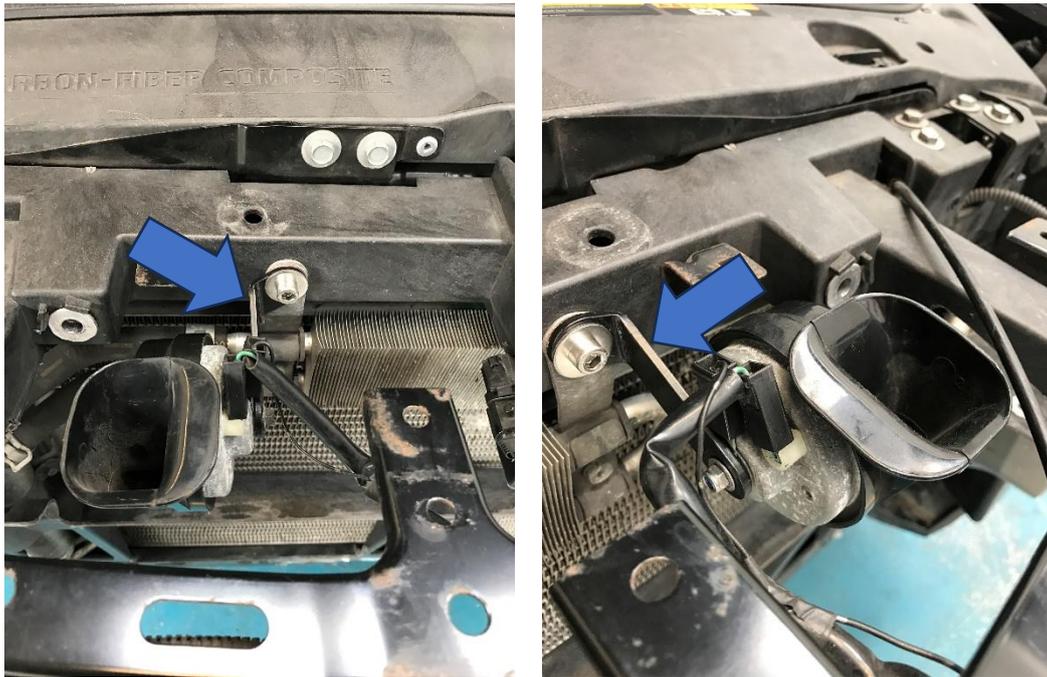
12. The intercooler support frame needs to be cut to fit new AIRTEC Motorsport intercooler, as shown below. Use a Dremel tool or similar and carefully check the clearance regularly.



13. The original intercooler lower mounting bracket needs to be removed using a Dremel tool or similar. Then locate the supplied lower intercooler mounting bracket by bolting it from underneath using the supplied bolt and washer (orange arrow). With the bracket in place, mark the two facing holes (blue arrows). Then remove the bracket, drill the holes using a 9mm drill bit, insert the supplied Riv Nuts and refit the lower bracket.



14. Locate the horns mounted on the slam panel and remove them from the original brackets. Then refit them onto the supplied AIRTEC Motorsport relocation brackets using the supplied bolts and washers, as shown.



15. Loosely fit both top mounting brackets to the top of intercooler using the supplied bolts and washers.



16. Now fit the new AIRTEC Motorsport intercooler loosely into place by locating the top and bottom brackets.



Fit the boost passenger side boost hoses, as shown. Please note: the washer bottle support bracket may require trimming for clearance on the silicone hose.



17. Fit the boost driver's side boost hoses, as shown.



18. Now fit the replacement induction pipes. The driver's side is secured with the original 10mm bolt as shown. Then attach the passenger's side with the original 12mm bolt as shown and attach the filter.



19. Fit the 45-degree silicone joiner to 90-degree MAF sensor hard pipe, as shown. Then attach the silicone joiner to the turbo.



20. Fit the top boost pipes as shown.



21. Once happy with the location and clearance of all pipes, fully tighten the intercooler mountings.



22. Finally, check everything is tight and secure and then refit the bumper in reverse of Steps 1 to 9.

