

AIRTEC MOTORSPORT Fitting Instructions

Vehicle:	Audi RS3 8V (non-ACC)
Product:	Stage 3 Intercooler
Part number:	ATINTVAG41



Kit Contents:

1x AIRTEC Motorsport Intercooler	2x M12x90mm Bolts
2x AIRTEC Motorsport Crash Bar Base Plates	2x M12 Nyloc Nuts
1x M8 Pan Washers	1x M8x12mm Socket Head Bolt
1x Replacement Bonnet Latch	4x Washers

Tools Required:

Ratchet and Socket Set	5mm Allen Key
Torx Sockets	Trim Removal Tool
Pick Tool	

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

Instructions:

1. Start by jacking up the vehicle up either with a jack and using axle stands to secure or preferably on a vehicle lift.



2. Remove the three T30 Torx screws securing the slam panel in place.



3. Remove two T20 Torx screws from both arch liners connecting the arch liner to the front bumper.



4. Release two T20 torx screws from the engine undertray and release from the bottom of the bumper.



5. Remove the single T20 Torx screw from the inner arch liner to give access to the two T20 Torx screws securing the bumper to the wing, as well as the additional two T20 Torx screws facing towards the front of the bumper.



6. Carefully but firmly pull the bumper away from wings to release it, but before removing it fully unclip the headlight washer pipe and wiring loom plug.



7. You can remove the original intercooler by loosening the jubilee clips securing the boost pipes and then removing the two T30 Torx bolts from the top of the intercooler and two T30 Torx bolts from the bottom mounting brackets underneath. You can then lift the intercooler up and out from the locating pins.



8. Remove the three T30 Torx bolts from the bonnet latch and then remove the two T30 Torx bolts from each side of the crash bar. Unclip the air temp sensor and then remove the four 19mm bolts from either side of the crash bar. You will need to remove the headlights to gain clearance to release the crash bar.



9. First remove the bumper brackets located on the wings by releasing the two T30 screws on each bracket and then pull them away from the car.



10. Now remove the three T30 Torx screws on top of each headlight and as well as the one T30 Torx screw from underneath. The headlights can then be unplugged and removed from the car.



11. You can now release the crash bar. Once removed, release the clips securing the plastic guides either side and remove them, as shown.



12. Remove all the polystyrene from inside the bumper by releasing the plastic clips securing it. You will then be able to access the five metal clips and 15 T20 Torx screws from the back of the grille that secures it.



14. With the back of the grille removed you will be left with better air flow to the intercooler.



15. Install the crash bar base plates supplied in the kit by reusing the original fixings, **but do not fully tighten yet** as you will then need to slide the intercooler into the base plates and secure using the M12 bolts provided in the kit, as shown.

Once the crash bar has been secured into the base plates, refit the original lower intercooler brackets.



16. Now install the temperature sensor onto the side of the intercooler and clip the wiring onto the side of the crash bar, as shown.



17. Install the supplied AIRTEC Motorsport bonnet latch reusing the original T30 bolts. Then use the supplied 1x M8x12mm Socket Head bolt to secure to the top of the intercooler. You can then reconnect the original boost pipes.



18. Finally, check everything is tight and secure and then reinstall bumper in reverse of removal.

