

Audi RS3 Intercooler Fitting Instructions

Tools needed:

- T30 Torx
- T20 Torx
- 19mm Socket
- 7mm Socket
- Extension Bar
- Ratchet
- Trim Tool
- Pick Tool

Kit Includes:

- AIRTEC Intercooler
- X2 AIRTEC Crash bar Base Plates
- AIRTEC Bonnet Latch
- X2 M12x90mm Bolts
- X2 M12 Nylon Nuts
- X4 Washers

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



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Instructions:

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



2. Start by removing 3xT30 torx screws securing the slam panel in place.



3. Remove 2xT20 Torx screws from both arch liners connecting the arch liner to the front bumper.



4. Release 7xT20 torx screws from the engine undertray and release from the bottom of the bumper.



5. Remove 1xT20 Torx screw from the start of the arch liner as shown below to give you access to the 2xT20 Torx screws securing the bumper to the wing and an additional 1xT20 Torx facing towards the front of the bumper.



6. The front bumper can now be removed and whilst doing so unclip the headlight washer pipe and unclip the front bumper wiring loom plug.



7. Now you can remove the stock intercooler by loosening the 2x7mm jubilee clips securing the boost pipes to the intercooler then remove 2xT30 torx from the top and 2xT30 torx from the bottom intercooler brackets and then lift out from the locating pins.



8. Start removing the standard crash bar by removing 3xT30 Torx bolts from the bonnet latch then remove 2xT30 each side of the crash bar, unclip the air temp sensor and remove 4x19mm bolts from either side of the crash bar.



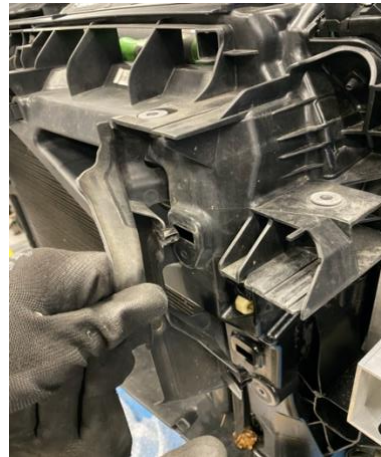
9. Before removing the headlights you will need to remove the bumper brackets located on the wings. Remove these by releasing 2xT30 screws on each bracket then pull away to remove.



10. Now remove the headlights by removing 3xT30 Torx screws on top of each headlight then 1xT30 from underneath. The headlights can now be unplugged and removed.



11. You can now remove the crash bar and remove the air guides by releasing the clips from either side.



12. Remove all the polystyrene from the bumper by releasing the plastic clips inside them. You will now be able to access the x5 metal clips and remove the 15xT20 screws from the back of the grill then remove the grill.



13. Now the back of the grill has been removed you will be left with a much higher airflow grill.



14. Install crash bar base plates by reusing stock crash bar fixings, do not tighten as you will now need to slide the intercooler into the base plates and secure using the provided M12 bolts. After the crash bar has been secured into the base plates and tightened securely make sure the lower intercooler brackets are also in the correct place.



15. Now install the temperature sensor onto the side of the intercooler then clip the wiring onto the side of the crash bar. Install the supplied AIRTEC bonnet latch by reusing the stock 2xT30 screws then use the supplied bolt to secure to the top of the intercooler. Now reconnect the stock boost pipes and check that everything has been fitted and tightened correctly, then finally reinstall bumper in reverse of removal.

