

AIRTEC Audi S3 1.8T Intercooler kit

FITTING INSTRUCTIONS



Additional help

If you require any additional help please email as4rs@aol.com or call Airtec UK +44 (0) 1375 371449

Bumper removal

1. Remove the x 4 plastic clips securing the top of the bumper to the slam panel.



2. Remove the x 2 T20 Torx on each side of the inner wheel arches.



Vehicle strip-down

3. Undo x 2 Phillips screws securing the bottom of the bumper.



4. Unclip the sides of the bumper and pull forward.

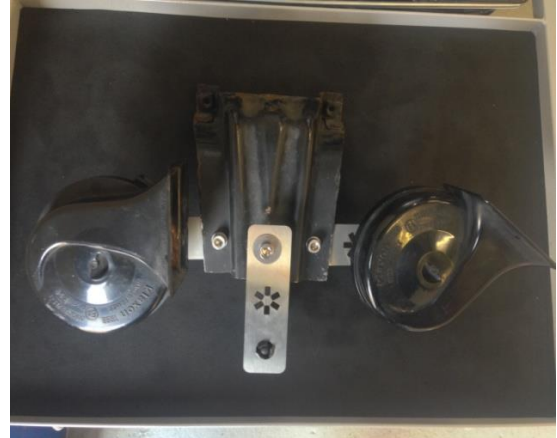


5. Unclip the fog lights and headlight washer pipe, then remove the bumper.
6. Remove both headlight assemblies.
7. Remove both standard intercoolers. These are secured by x 3 10mm bolts.
8. Remove the horn bracket with horns.

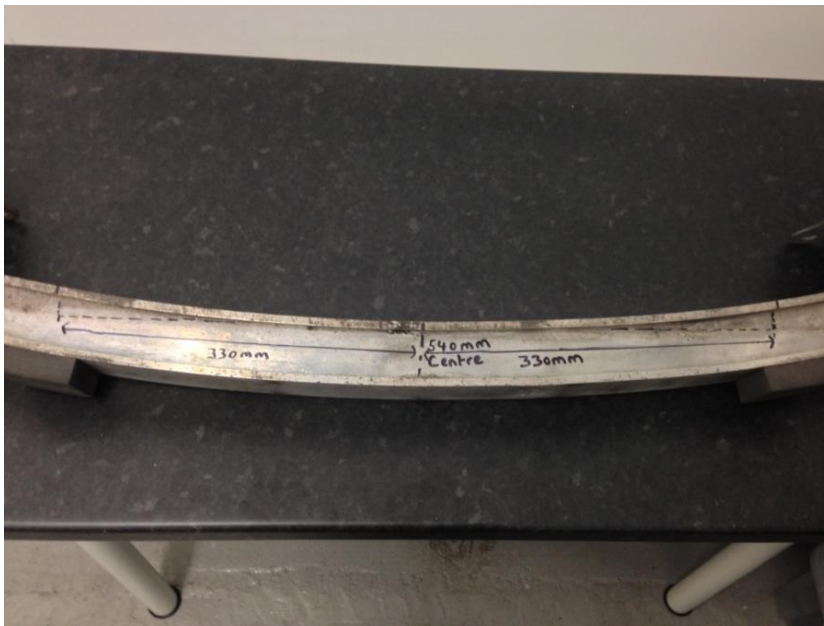
Continue to the horn bracket and crash-bar modifications on the following page.

Horn bracket and crash-bar modification

9. Modify the horn bracket as shown below and secure the horns with the new brackets provided. The third bracket is for the Ambient air temp sensor. Re-fit before the bumper is bolted back on.



10. Now remove the crash bar by removing 6 x 13mm bolts, then cut the crash bar as per the measurements shown in the photo below. You will need to carry this out on the top and the bottom of the crash bar so the intercooler clears. Use angle grinder with thin cutting disc (always wear eye protection).



Crash-bar cutting measurements — use the measurements shown in the original image.

Intercooler positioning and hose installation

11. With the modified horn assembly and crash bar loosely installed, place the intercooler in-between the Air-con radiator and modified crash bar. The intercooler will only go so far up until it fails on the horn bracket. At this point the intercooler brackets can be marked using a marker pen on the crash bar. Remove the intercooler and drill the crash bar and secure with fixings provided.



12. With everything tight install the silicon hoses provided.

Bumper clearance

The final stages require cutting to the fog-light fixings and bumper as shown on the following page.

Fog-light and bumper clearance

13. Next you will need to cut the fog light fixings 'Left and Right' shown below.



14. Also the bumper as shown below will also require cutting. If the bumper doesn't line up correctly you may need to remove more around this area. The fog light grilles normally fit without cutting, but have been known to require some small adjustments on some cars.

