



RACINGLINE

Audi B9 Induction System

Audi S4 / S5

VWR1241S4

FITTING INSTRUCTIONS



WHAT'S IN THE KIT?

- ▶ 1 x Carbon Lid
- ▶ 1 x Carbon Intake Duct
- ▶ 1 x Carbon High-Flow Trifoam Filter
- ▶ 1 x Silicone Hose
- ▶ 2 x M6 * 50mm Cap Head Screw
- ▶ 3 x M4 * 16mm Flange Button Head Screw
- ▶ 1 x 60-80mm Hose Clip
- ▶ 1 x 90-110mm Hose Clip

REQUIRED TOOLS AND PARTS

- ▶ T25 Torx Bit
- ▶ T20 Torx Bit
- ▶ 2.5mm Allen Bit
- ▶ 5 mm Allen
- ▶ Screwdriver / 7mm Hex Socket
- ▶ OEM Hose Clip Remover
- ▶ Die Grinder / Hand File



Step 1:

Removal of OEM intake scoop & turbo inlet hose – Start by removing the bonnet latch handle, remove retaining clip from top of the handle and gently detach from spline. Once handle is removed carefully remove slam panel. With slam panel removed the two intake duct retaining screws can be seen. Using a T25 torx remove these 2 screws and then front duct trim. Next remove the OEM intake duct from within the engine bay. Finally loosen hose clips on turbo inlet hose and remove.



Step 2:

OEM Filter box & Modification – Remove OEM filter box firmly pull the unit up and away from the vehicle, ensuring all 3 rubber mounts remain on the filter box, once out of the vehicle remove the 6 x torx screws and place OEM lid/filter aside. Next follow cutting instructions in attachment on page 3 to modify OEM base. Once base is modified fit the RacingLine Carbon Lid ensuring the locating tap is in place and then use 4 of the OEM screws to screw the carbon lid in place.

Step 3:

Installation of Foam Filter – Now the carbon lid is fixed in place, insert the Carbon High-Flow Trifoam Filter, and screw into place using the 3 M4 Flange Button Head Screw.



Step 4:

Re-Fit of Intake System – First place the air box into place, insert the silicone (Clips loosely in place) onto the turbo elbow and outlet of the Carbon High-Flow Trifoam Filter. Once the silicone is in place, push down on the air box until the OEM rubber mounts are fully inserted. Next insert the carbon intake duct into the air box and the OEM front duct trim and hold in place while the provided M6 cap head screws are inserted and tightened until the duct is firmly held. Refit the slam panel and bonnet latch.



Cutting Instructions for OEM Base

Once you have removed the standard airbox, it will need slightly modifying to suit the new carbon airbox lid. The two upstands circled on the picture below must be carefully cut off – following the natural contour of the half-moon shape.

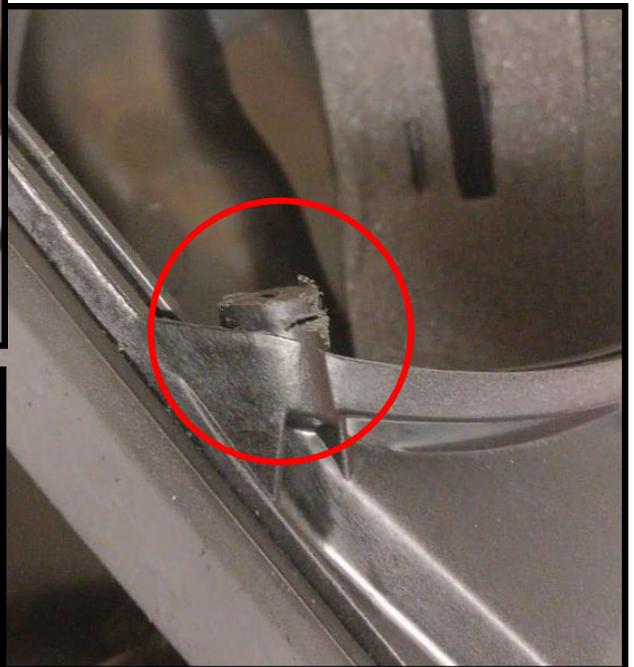


Left hand upstand removal:

Cut across line as shown below; take care not to scratch the surrounding area on the airbox. A junior hacksaw or die grinder can be used – whatever you are most comfortable using.



The closer you get to the contour at this stage the easier it makes the next step.



Using a die grinder or a hand file.

Smooth the stud down to match the contour of the airbox as shown in the picture – left. Resulting in a neat finish.

Right hand upstand removal:

Repeat the instructions used to remove the left-hand upstand.



Pictures below show a smoothed, finished result.



The new carbon airbox lid is now ready to be installed.