EVENTURI

THE ART OF AIRFLOW

EVE-TRB8Y-LHD-NIL : Audi RS3 8Y – USA FITMENT
Model Years : 2021 to 2024
Engine Displacement : 2.5 L

All directions referring to left and right are based on looking at the engine from in front of the car.

Please take care when removing parts and fasteners. Contact your Eventuri dealer or email info@eventuri.net for any further information.

EVENTURI
THE ART OF AIRFLOW

Installation Instructions : Turbo Inlet RS3 8Y

EVE-TRB8Y-LHD-NIL ☐

Item	QTY	Check
Carbon Turbo Inlet Tube Silver Reflective Foil	1	
60cm of Silicone Vacum Line ID-4mm	1	65
M6x20 Flanged bolt	2	
M6 Aero nuts	2	
8Y Blanking plate	1	
8Y Breather Silicone	1	
12x22 Hose Clamps	1	
16x27 Hose Clamps	1	
Turbo end Silicone Joiner	1	
V-Band 93	1	
100-120 Jubilee clip CT	2	
Stage 3 Silicone Joiner	1	

EVENTURI
THE ART OF AIRFLOW

Installation Instructions : Turbo Inlet RS3 8Y: Page 1

1. We will start with the assumption that the stock airbox has already been removed. Remove the undertray

2. Remove the screws which hold the metal boost pipe in place. There are 2 screws as shown here and in the next step.

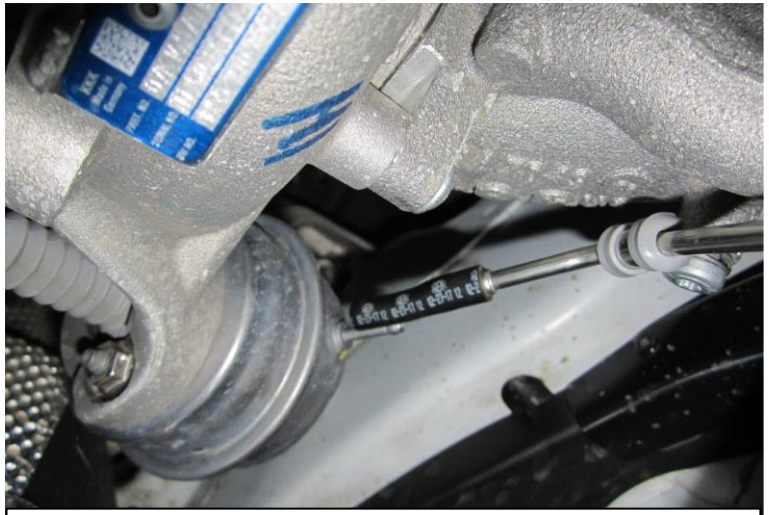
3. Remove second screw.

4. Loosen the hose clamp around the rubber boost hose which is connected to the metal tube.

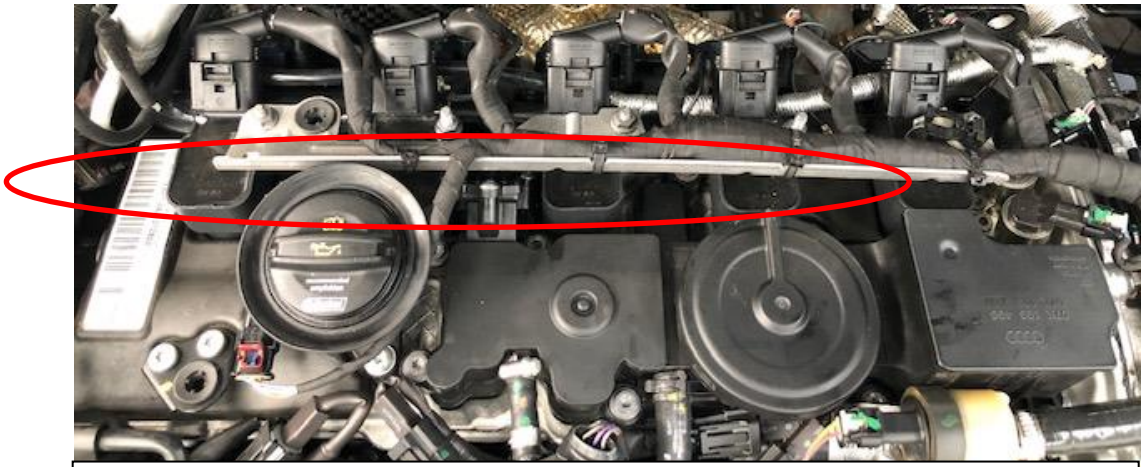
4b. Remove the metal boost pipe.

EVENTURI
THE ART OF AIRFLOW

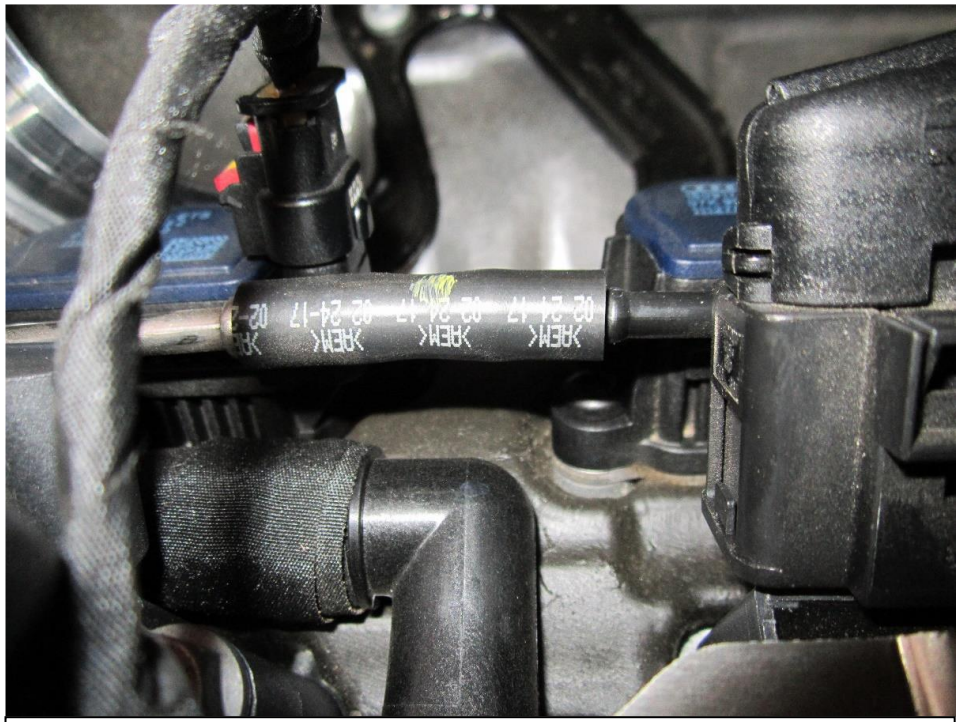
Installation Instructions : Turbo Inlet RS3 8Y: Page 2



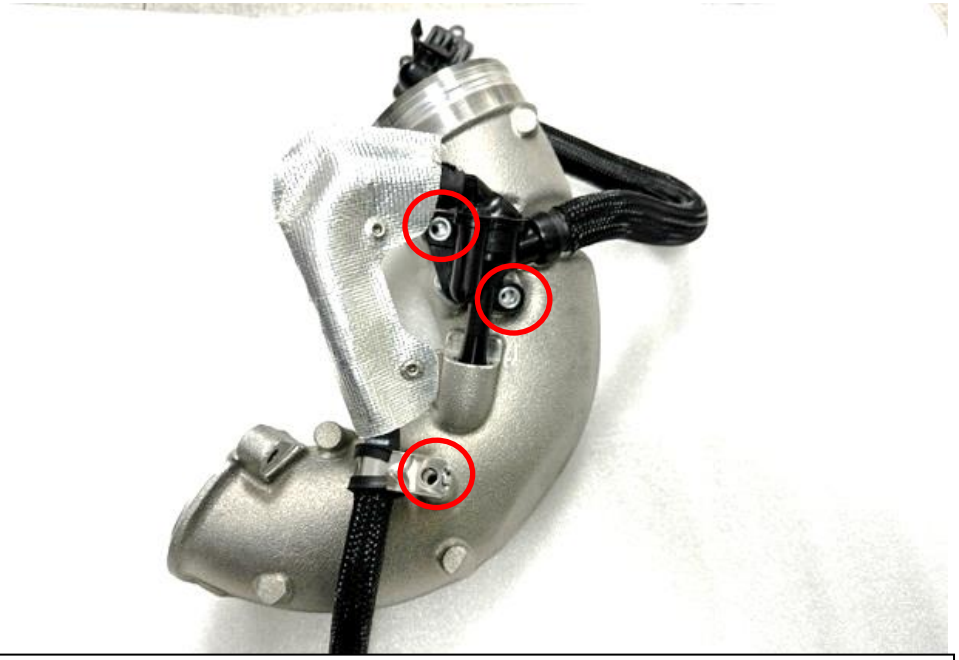
5. Remove the vacuum tube from the actuator.



5b. Remove the nuts holding the loom bracket in place and lift up to gain access.



6. Remove the vacuum line from the plastic tube which is between the coil packs.



7. We can remove the inlet tube from the engine and leave the breather line in place. It just needs to be disconnected from the tube by removing the 3 screws as circled. Then pull the breather out from the inlet – next step. Assembly shown outside the engine for illustration purposes. **You don't need to remove this breather line from the engine.**

7b. Remove the breather line from the turbo inlet. Assembly shown outside the engine for illustration purposes.

8. Now remove the stock turbo inlet. There are 2 x T30 Torx screws holding it in place. One on each side of the tube.

8b. Take the supplied blanking plate, 2 x M6 screws and nuts and blank off the opening on the breather tube as shown. The blanking plate profile matches the gasket profile. Assembly shown outside the engine for illustration purposes.

8c. Take the supplied silicon breather hose and push the end with the sharp bend onto the OEM breather tube which was blanked off in the previous step. Silicon hose should touch the silver heat reflective material. Tighten the hose clamp onto the breather. Assembly shown outside the engine for illustration purposes.

9. Take the new turbo flange with the 2 x countersunk Torx screws. If you are using the stock turbo then you also need to use the stock gasket which may still be on the stock inlet tube.

10. Secure the flange to the turbo using the supplied screws – we recommend to also use a thread lock such as Loctite 246. (Photo shown with engine out for clarity).

IMPORTANT

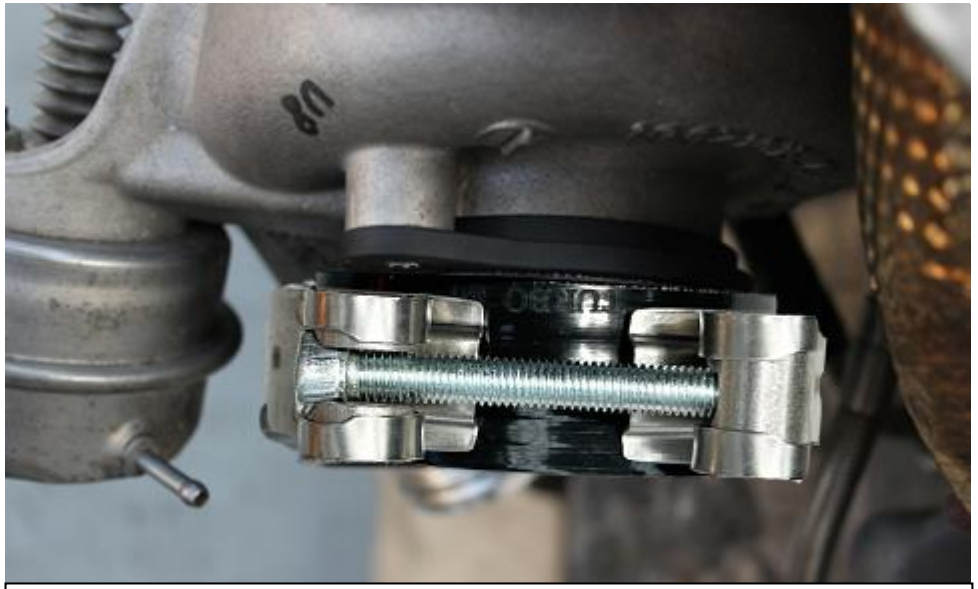
11. If using a hybrid turbo make sure the flange is secured onto the turbo the right way around. It is possible to put this onto the turbo the wrong way around see next steps.

12a. INCORRECT – the flange is not concentric with the turbo inlet. Rotate the flange 180 degrees.

12b. CORRECT – the flange is concentric with the turbo inlet.

13. Take the small silicon coupler supplied – it has internal grooves. Notice the location of the TURBO SIDE writing.

14. Push the silicon onto the flange so that the "TURBO SIDE" writing is closest to the turbo. The silicon will be tight to push on but will snap into place as the bead around the flange locks into the groove inside the silicon.

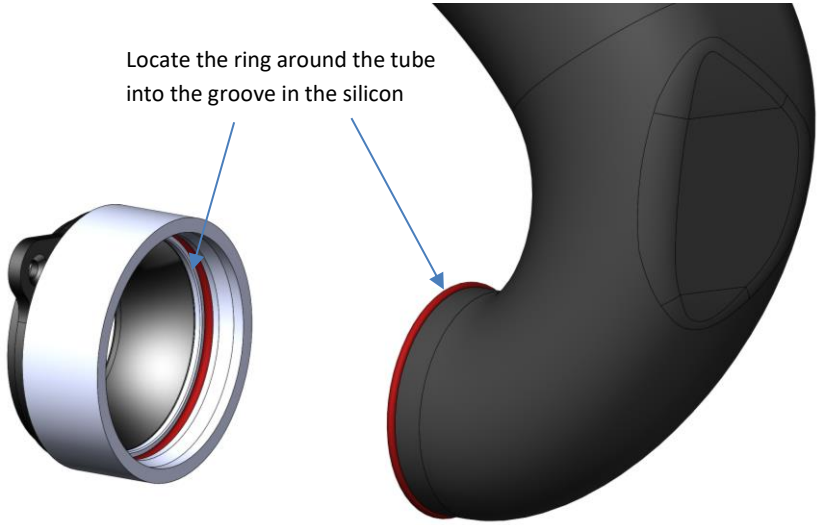


15. Take the supplied V Band clamp and position it on the middle of the silicon coupler. The head of the bolt should be facing away from the engine block. Leave it loose.

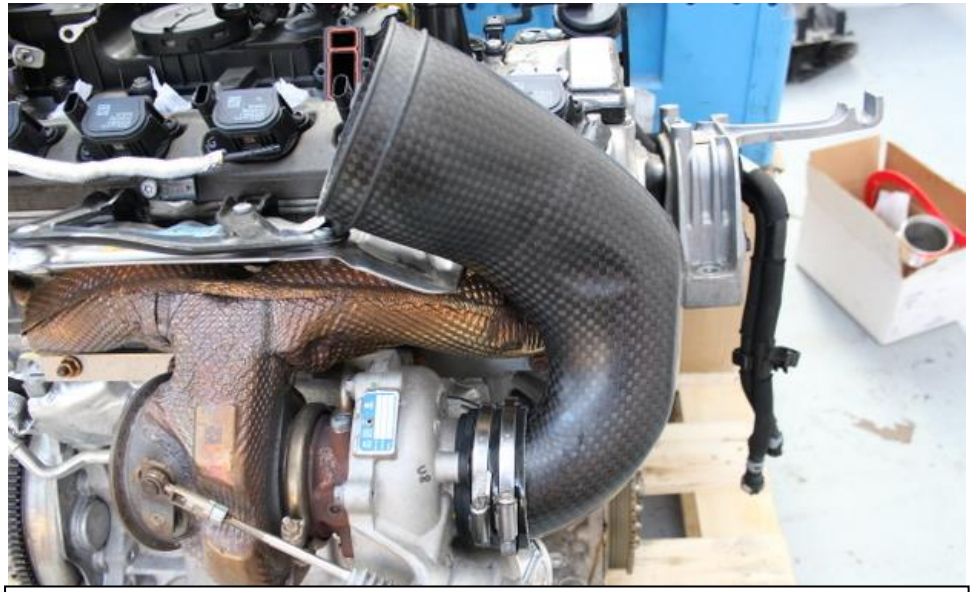
16. Insert the inlet tube from the top by rotating it in as shown. You need to push it under the OEM breather hose and the new silicon breather hose.

17. Rotate it around the manifold heat shield. Feed it through the breather hoses as shown in next step.

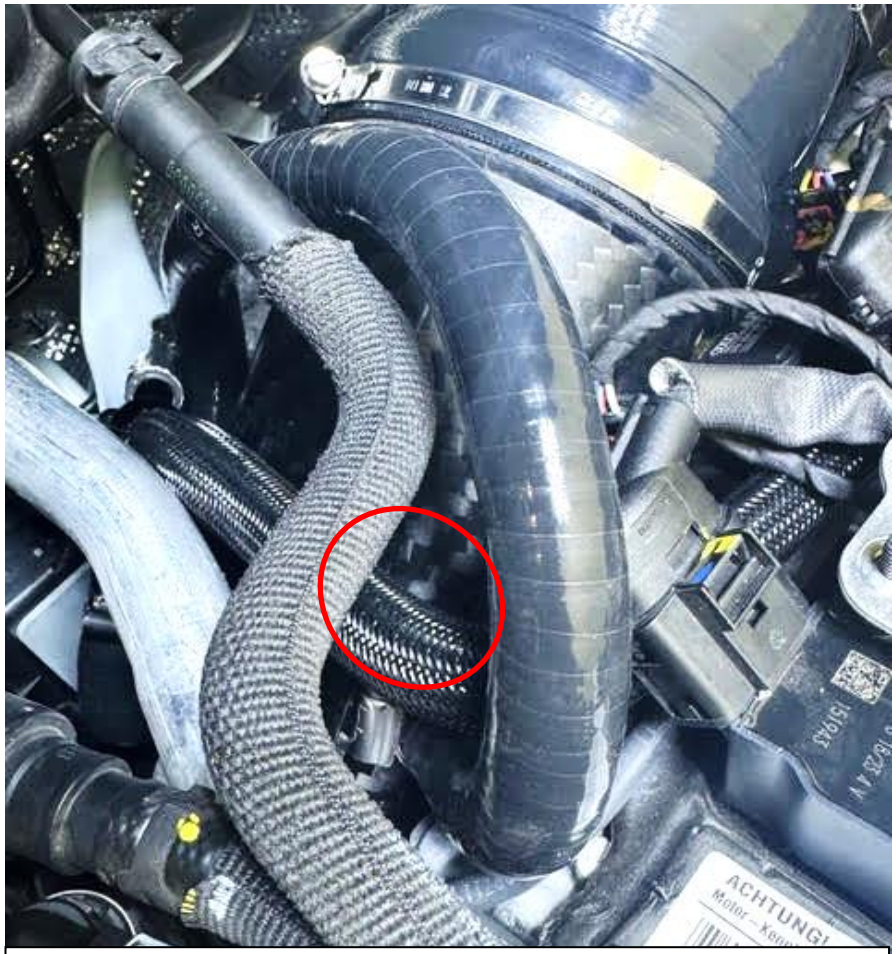
18. Feed the tube through the breathers as shown with the new silicon breather hose looping over the top and the OEM breather hose resting on top of the inlet tube.



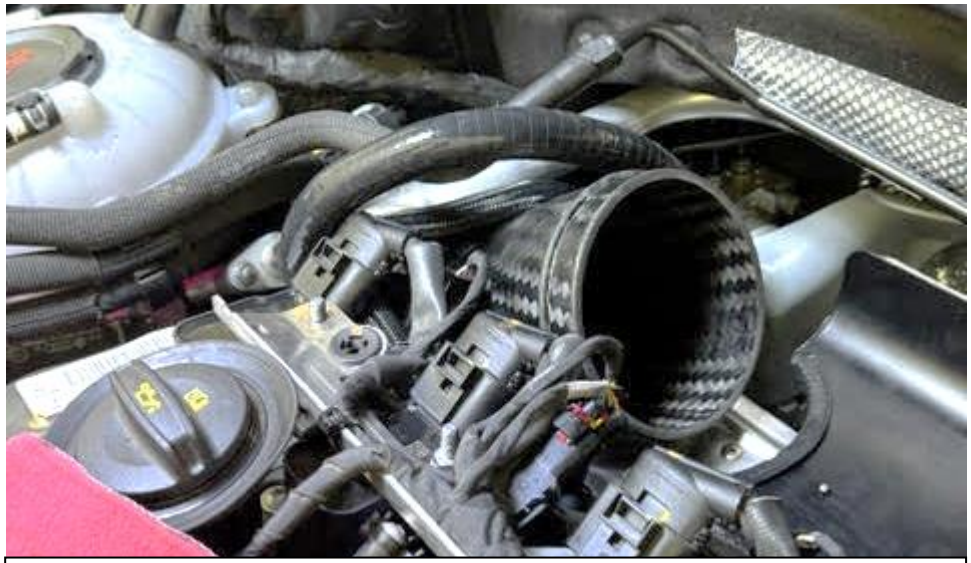
19. Push the carbon inlet into the silicon. If the hose clamp is not loose, the tube will not go into correct position. The diagram shows the highlighted red ring around the tube outlet



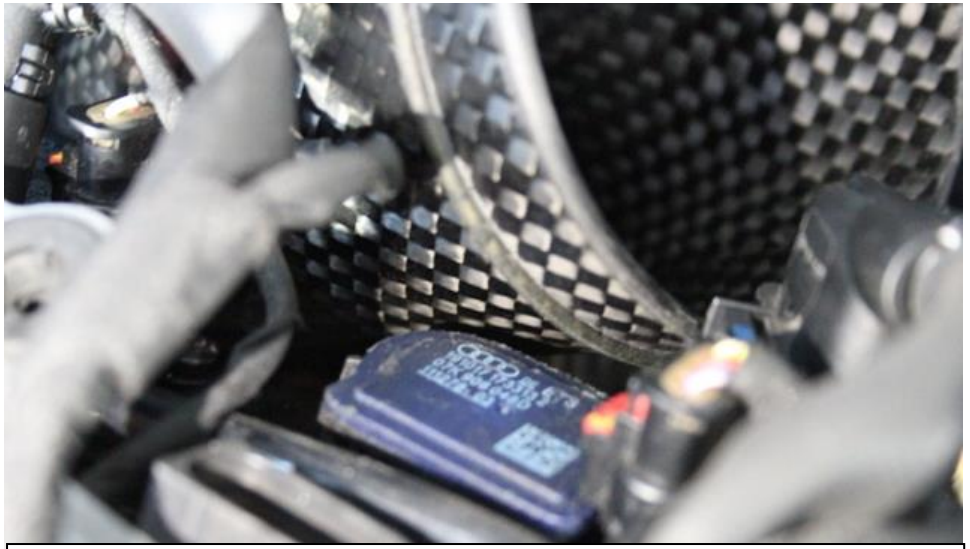
20. Push the inlet tube firmly into the silicon and ensure is it fully in. Do not tighten the clamp yet. (Hose clamps shown here were updated to the V Band clamp)



23. Now push the open end of the silicon breather onto the breather opening of the carbon inlet pipe. Secure with the hose clamp.



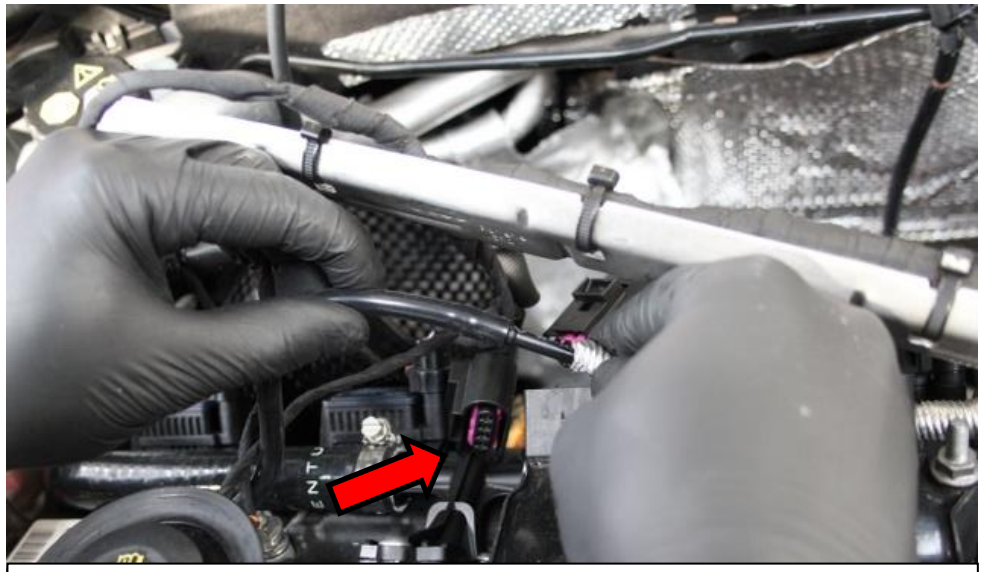
22. Another angle showing the silicon breather hose looping over the top.



23. The Carbon tube should be almost touching the first sensor block.

24. Ensure the Carbon tube is still fully engaged in the lower silicon coupler and tighten the V band clamp around the lower silicon. Do not over tighten this with a ratchet. It only needs to be finger tight as the silicon provides a good seal. (Hose clamps shown here were updated to the V Band clamp)

25. Now tighten the small clamp around the breather silicon at the carbon tube end. Again – do not over tighten.



26. Take the supplied vacuum line and connect it to the plastic vacuum connector from step 6.

27. Route the vacuum line as shown and behind the carbon inlet tube.

28. Route it down to the actuator and connect it.

29. Install the coil pack removed previously as well as the loom harness and plugs. Re-attach the undertray.

31. Install the silicon coupler provided in the kit as shown and secure with the hose clamp.

EVENTURI™

You have now completed the installation of the Eventuri Audi RS3 8Y Turbo Inlet

Please take all necessary precautions while installing this system. Eventuri cannot take responsibility for an incorrectly installed intake or any damage caused during installation.