X34 CARBON FIBER COLD AIR INTAKE

034Motorsport's Carbon Fiber Cold Air Intake System for the 8S Audi TTRS & 8V.5 RS3 is engineered to provide horsepower and torque gains throughout the powerband, while improving aesthetics in the engine bay. Our intake offers OEM+ fit and finish that bolts directly onto the factory lower air box.

Installation Spiciness Rating: MILD

Installation of your X34 Carbon Fiber Cold Air Intake is a straightforward process that will take approximately 30 minutes to complete.

Supplied Parts:

- X34 Carbon Fiber Airbox
- X34 Carbon Fiber Inlet pipe
- 034 4" Air filter
- Heat shield and hardware
- Silicone hose coupler
- (2x) hose clamps
- (8x) Neoprene Sealing Washers
- Hobby saw

Tools Needed:

- T30 Torx bit
- T25 Torx bit
- 8mm Socket
- 7mm Socket
- 4mm Allen
- Pliers or Spring Clamp Pliers

About This Guide

This Install Guide documents the installation process on a B9 Audi S4. There may be minor differences depending on specific vehicle, market, options, etc.

Let the car cool off before starting the install

This guide shows an open-top upper portion, the process is the same for the closed top

Getting Started

Confirm you have received all the parts included with your purchase by reading the complete guide, if there are missing components, please contact:

customerservice@034motorsport.com

Install Steps

Step 1

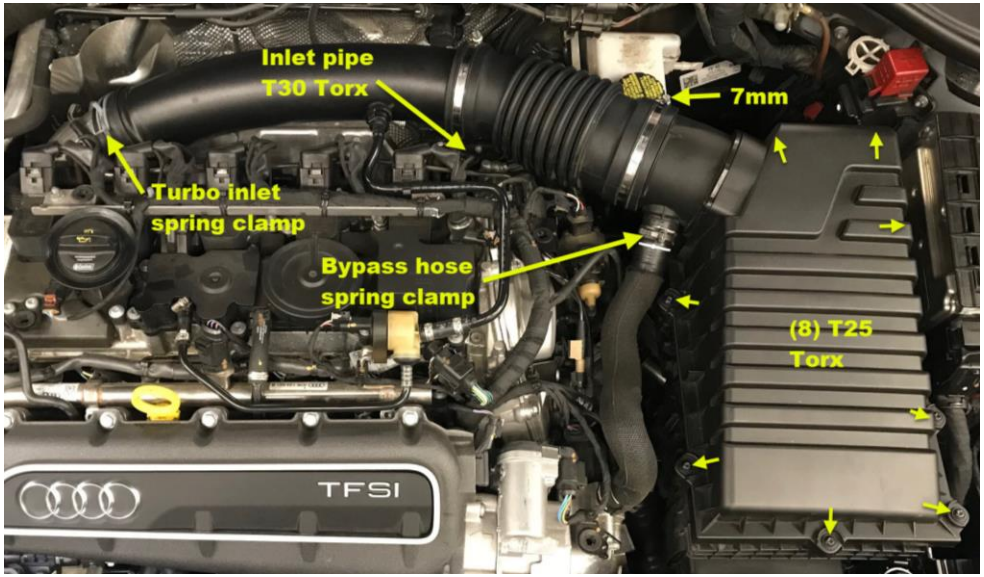
Open your hood to access the intake.

Step 2

Remove the engine cover by pulling it up.

Step 3

Using a pair of pliers, loosen the spring clamps on the bypass hose and disconnect hose from OE intake.



Step 4

Using the same set of pliers, loosen the spring clamp at the turbo inlet and slide the clamp up the inlet pipe and off the coupler (see image in Step 3).

Step 5

Using the T25 Torx bit, unbolt the factory airbox cover from the lower section. **Note:** There are eight screws total (see image in Step 3).

Step 6

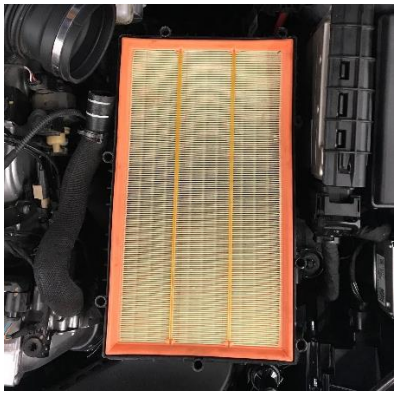
Using the T30 Torx bit, remove the bolt securing the inlet pipe to the bracket above the exhaust manifold. This is accessible from the back, under the inlet pipe. Save bolt for heat shield installation (see image in Step 3).

Step 7

Using a 7mm socket, loosen the hose clamp attaching the air filter box cover to the inlet pipe (see image in Step 3).

Step 8

The airbox cover should now be completely loose. Remove it from the car by simply lifting up and away.

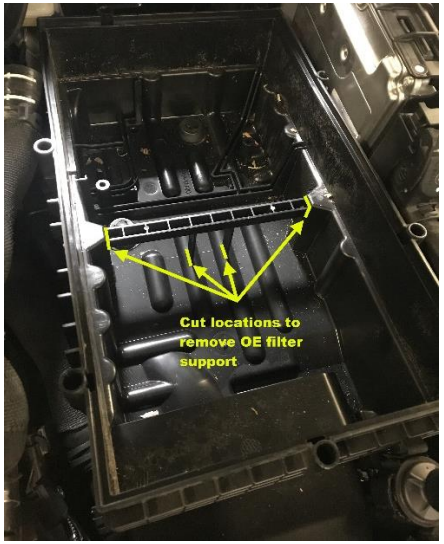


Step 9

Remove the factory panel air filter from the lower air box.

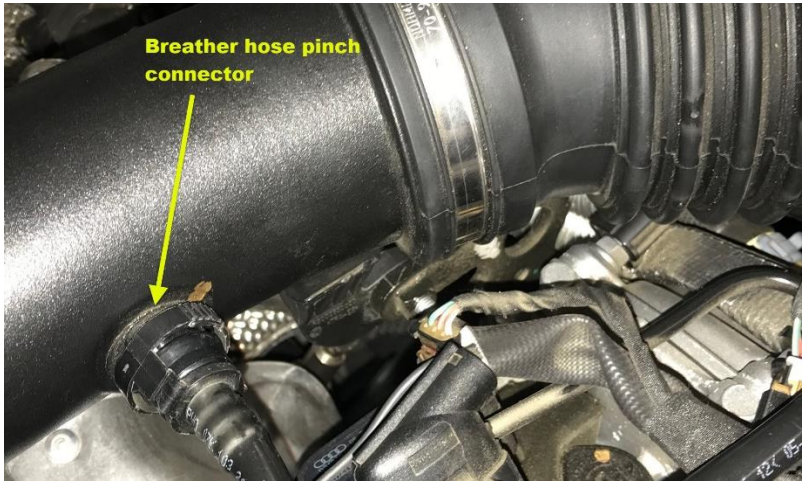
Step 10

Using the supplied hobby saw, remove the OE air filter center support.



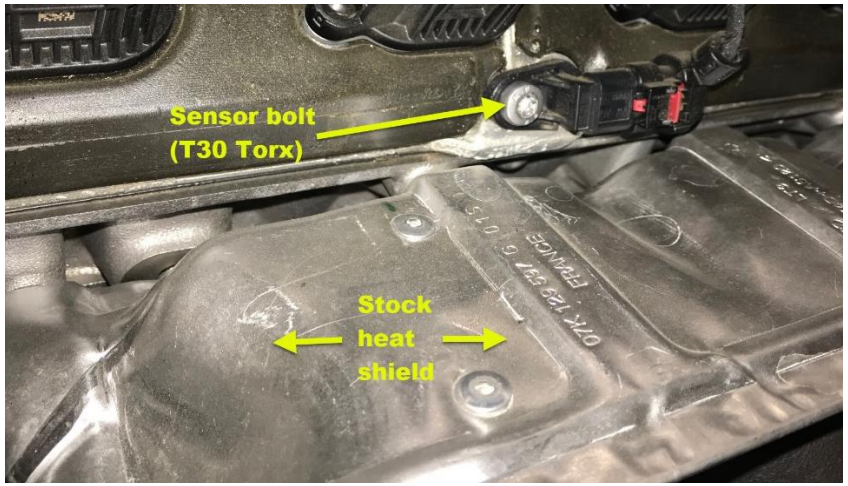
Step 11

Disconnect the breather hose by pinching the connector and pulling away from the inlet pipe.



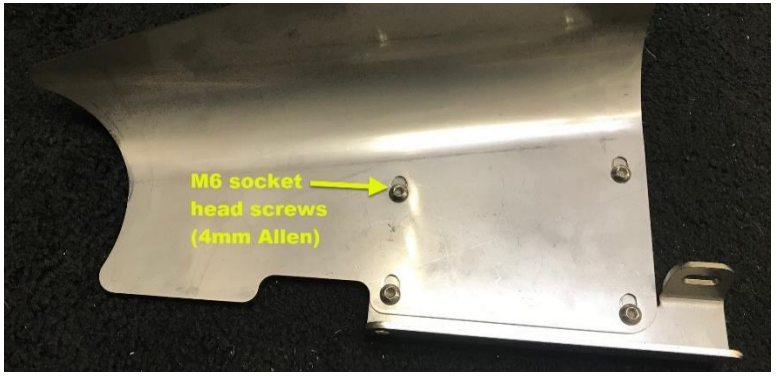
Step 12

Using the T30 Torx bit, remove the bolt securing this sensor on backside of the head, above stock heat shield. This bolt will be used to mount the heat shield.



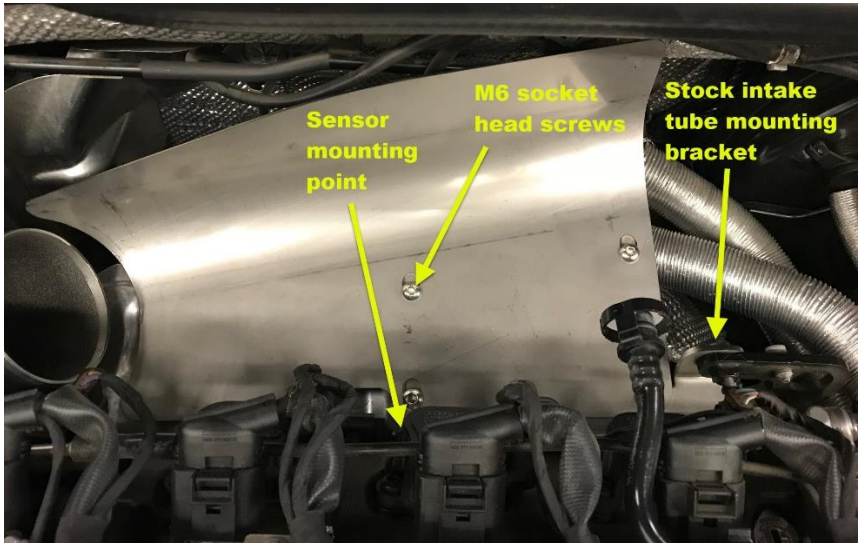
Step 13

Using a 4mm Allen wrench and the supplied M6 button head cap screws, assemble heat shield.



Step 14

Attach the shield to the stock inlet tube mounting bracket (Step 6), and the head sensor (Step 12). Adjustments can be made by loosening the M6 screws. Make sure wiring along the firewall does not contact the edge of shield.



Step 15

Install silicone coupler to turbo inlet. Tighten hose clamp with 7mm socket.

Step 16

Insert intake tube through the hole in the carbon fiber airbox.

Step 17

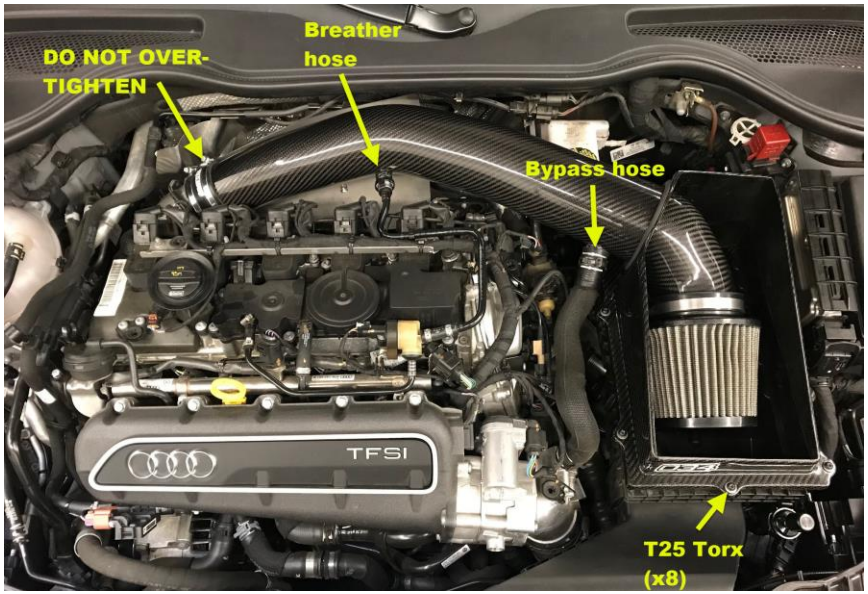
Rotate intake tube within airbox frame and install the air filter. Using an 8mm socket, tighten hose clamp. **NOTE: Do not over-tighten**, as this may damage the carbon tube. It does not have to be very tight, just snug.

Step 18

Remove all OEM screws from the factory airbox and install the supplied rubber washers onto the screws. **Note:** Be sure to install such that the soft, neoprene side, faces down.

Step 19

Insert intake tube into silicone coupler at turbo inlet. **Note:** Do not tighten hose clamp yet. Leaving this loose will allow for enough play to secure the airbox frame first.



Step 20

Connect breather hose (removed in step 11) to intake tube fitting. It will snap on when fully seated (refer to Step 19 pic).

Step 21

Position the carbon fiber frame over the OE lower airbox. Ensure the flange sits properly over the edge of the lower box. Use the OE screws with supplied washers (step 18) to secure carbon fiber frame to the factory lower air box. Using a T25 Torx bit, gently snug the screws to **4 Nm** (refer to Step 19 pic). **Note:** Do not over tighten!

Step 22

Connect bypass hose to intake tube with spring clamp removed in step 3 (refer to Step 19 pic).

Step 23

Tighten hose clamp at silicone coupler (refer to Step 19 pic). **NOTE: Do not over-tighten**, as this may damage the carbon tube. It does not have to be very tight, just snug.

Step 24

Reinstall engine cover.

Step 25

Take a step back and enjoy the improved aesthetics and performance you've given your 2.5 TFSI Evo. Then get on the road and enjoy!