

**S34 Carbon Fiber Heat Shield****034 MOTOR SPORT**

The S34 Carbon Fiber Intake delivers measurable increases in horsepower and torque, more aggressive induction sound and supercharger whine, and a beautiful carbon fiber heat shield to prevent hot air from the engine bay from entering the intake.

**\*Be sure to clean out any intake related components to remove any possible contaminants.**

**Installation Spiciness Rating: MILD**

Installation of your 034Motorsport Carbon Fiber Intake is a straightforward process that will take approximately 1 hour.

**Supplied Parts:**

- S34 Carbon Fiber Heat Shield with Rubber Stripping and Grommet
- 034 4" Inlet Silicone Hose, Barbed Fitting, and (2x) Hose Clamps
- 034 4" Air Filter and Hose Clamp
- 034 SAI Filter, Adapter, Bolt, Nut and Washer
- Metal Mounting Bracket for Intake Hose, with Bolt, Nut and Airbox Mount Buttons.
- Metal 4" Adapter with Bolt, Nut and Washer

**Tools Needed:**

- T25 Torx Bit
- 10mm Wrench
- 8mm Socket
- 6mm Socket
- Flat-Head Screwdriver
- 5mm Allen
- 4mm Allen
- 3mm Allen
- Pickle Fork

## About This Guide

This Install Guide documents the installation process on a B8 Audi Q5. There may be minor differences depending on specific vehicle, market, options, etc.

\*Some photos are from the B8 S4 guide, same concept.\*

## Getting Started

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

## Install Steps

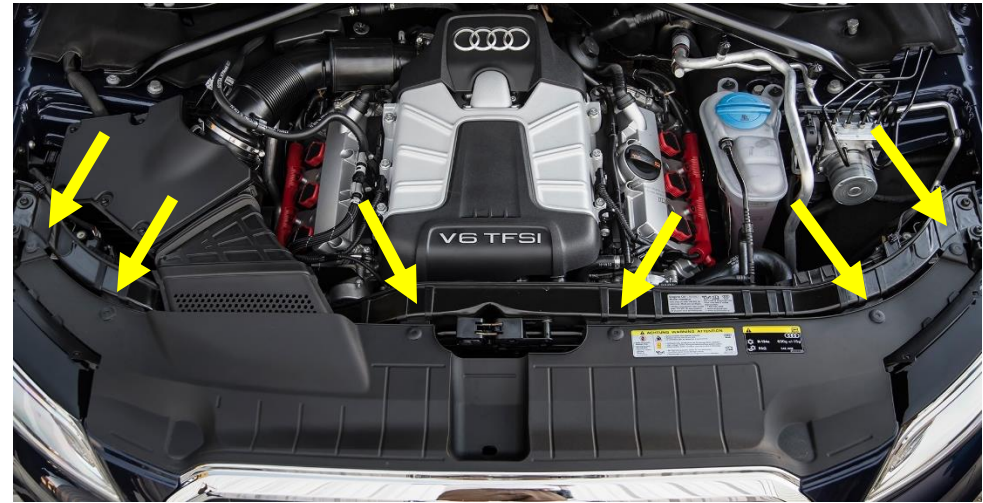
### **Step 1**

Open your hood to access the intake system.



### **Step 2**

Remove the six clips holding the radiator cover by pushing down the center pin, use a pickle fork to extract the clip. Gently pull the cover forward and set aside.



### **Step 3**

Remove the two T25 screws from the stock inlet scoop and remove the scoop from the OE air box. (B8 S4 shown)



#### Step 4

Disassemble the OE scoop and save the hard plastic part for later.



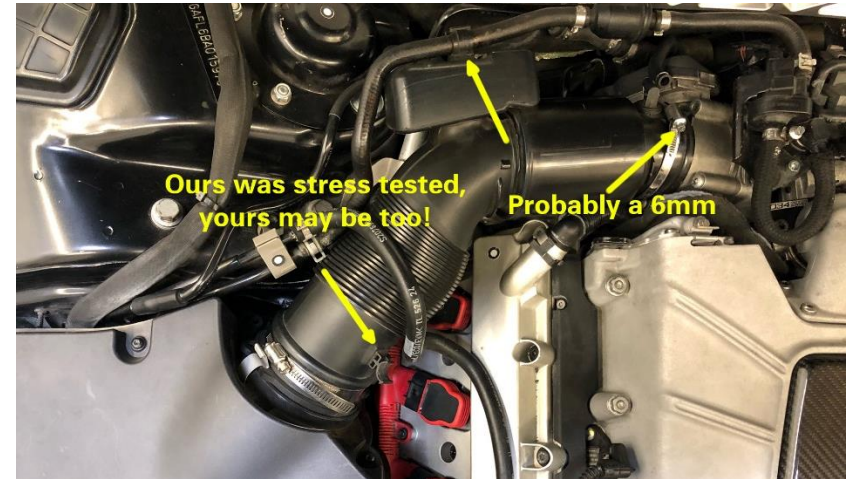
#### Step 5

Remove the Rear Engine cover and set aside gently.



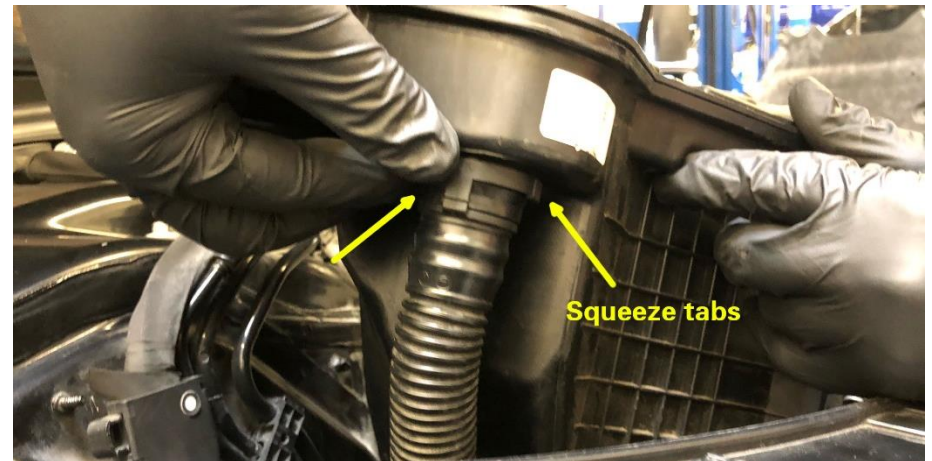
#### Step 6

Unclip the two rubber lines from the OE intake tube and then loosen the inlet tube clamp. (Ours is a 6mm, yours probably is too)



#### Step 7

Unclip the secondary air injection hose by squeezing the tabs and pulling downwards.

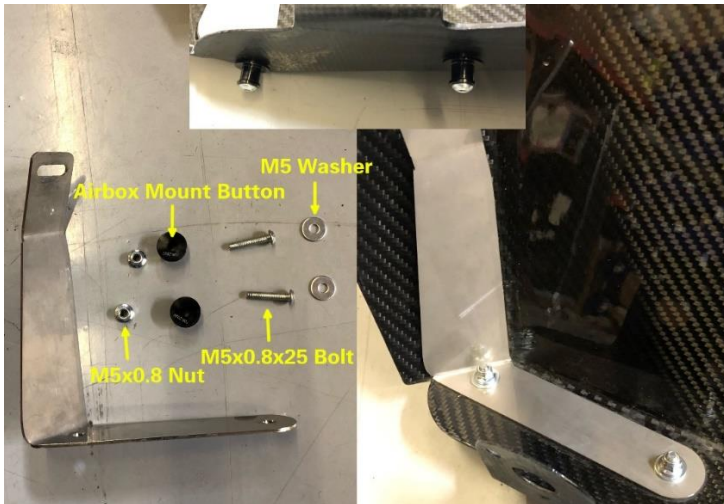


**Step 8**

Remove the OE intake system by rotating and pulling out the side of the vehicle as shown. (CAUTION: Avoid stressing the fuel lines unless you really like fire.)

**Step 9**

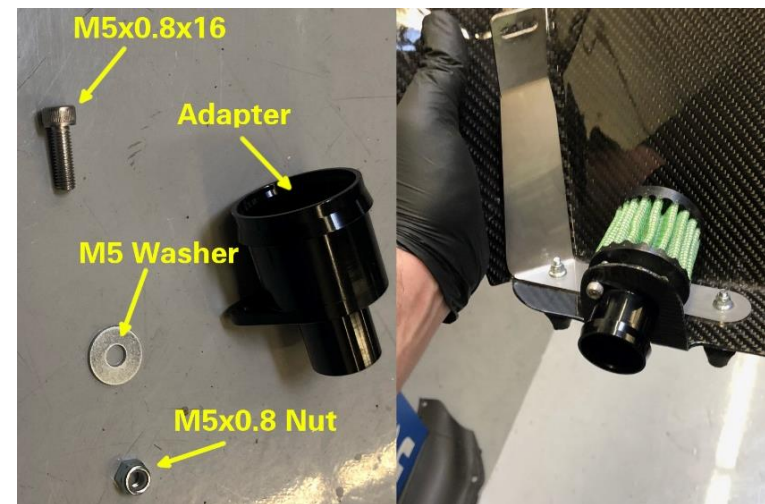
Using an 8mm Socket and 3mm Allen tool, install the M5 bolts, washers, and nuts onto the S34 Carbon Fiber Heat Shield, along with the metal filter support bracket. The bolts should be well snugged but not over-tightened.

**Step 10**

Take the rubber grommets from your OE airbox (It won't be needing them anymore!) and apply them to the button mounts you just installed on the airbox shield.

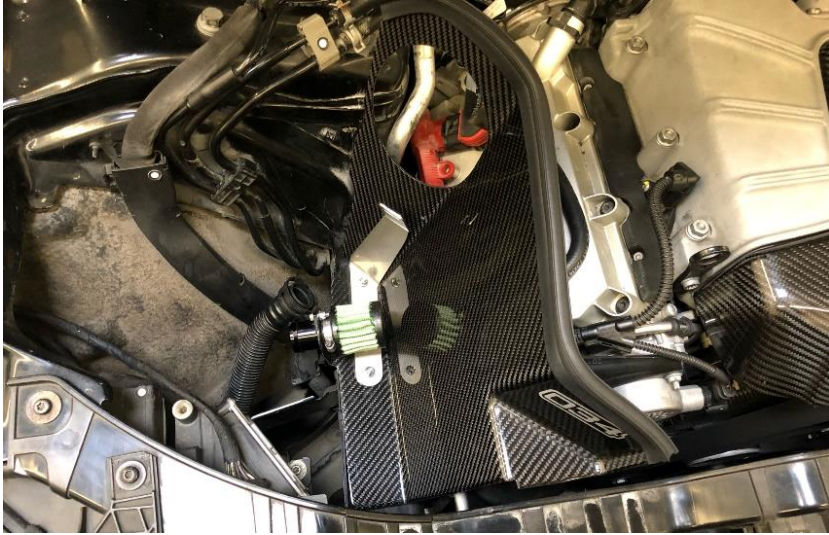
**Step 11**

Use an 8mm socket and a 4mm Allen tool to install the secondary air injection adapter to the shield with the provided M5 hardware. Leave the hardware snug for now. Attach the SAI air filter with a flathead screwdriver.

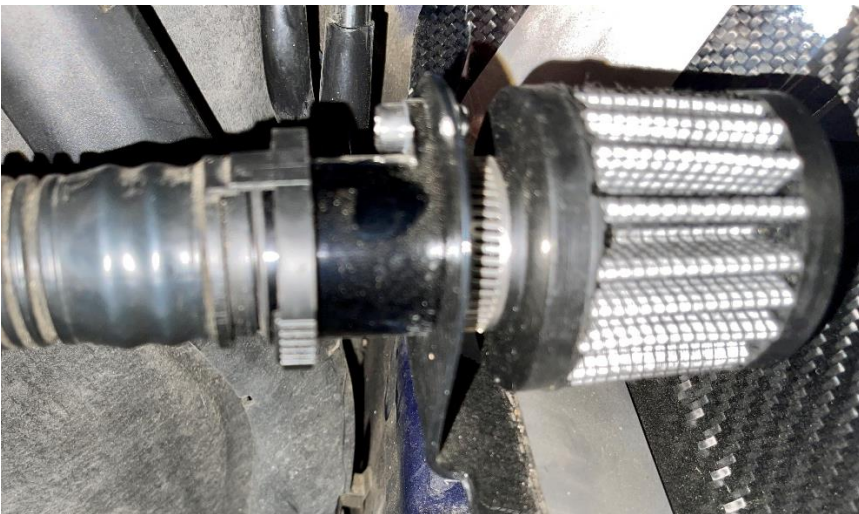


**Step 12**

Install assembled heat shield into the car. You should feel once the rubber grommets are seated.

**Step 13**

Install the secondary air hose to the adapter.

**Step 14**

Install the grommet and hood gasket to the shield as shown.

**Step 15**

Apply some soapy water to your new 034 Intake tube and slide it through the shield. (You can try to not use soapy water, but the rubber grommet really doesn't like that.)

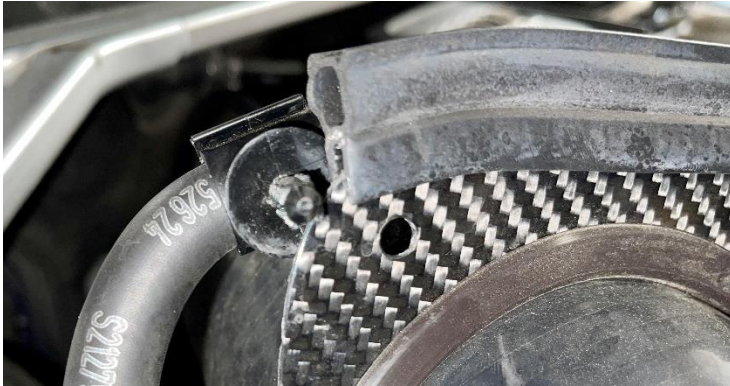
**Step 16**

Install the provided #48 throttle body clamp and snug it up. Make sure you don't crush anything with the clamp.



#### Step 17

Push the hose clip into the heat shield.



#### Step 18

Install the barbed fitting and vacuum line to the backside of the hose and slide the provided #72 hose clamp over the inlet side of the hose.



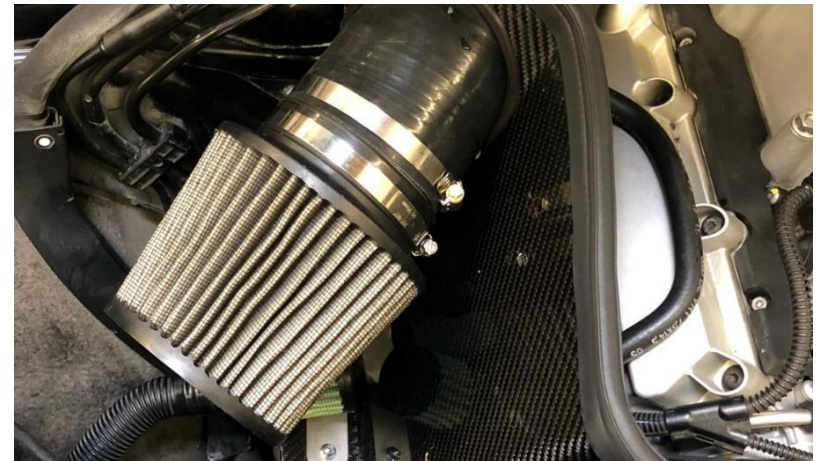
#### Step 19

Using a 10mm wrench and 5mm Allen, install the adapter ring to the inlet side of the hose and attach it to the support bracket using the M6 hardware. Keep it snug for now.



#### Step 20

Install the 034 4" Air filter and tighten the hose clamp.



**Step 21**

Using the T25 Torx bolts, reinstall the OE scoop that we saved earlier and position the shield so that it interfaces with the scoop.

**Step 22**

Reinstall the radiator cover with the 6 clips removed earlier and push the rear engine cover back into place.

**Step 23**

Breathe easy, knowing that your car now breathes easier than you ever will! After taking in how good the new carbon looks under the hood, gently close the hood and enjoy your power gains!