



INSTALLATION GUIDE

2010+ Audi B8 S4/S5 3.0T S-FLO Intake Kit

FOR RACING USE ONLY

Congratulations on your purchase of the AWE Tuning S-FLO Intake for the 2010+ Audi B8 S4 and B8 S5 3.0T.

Exquisite build quality with industry leading performance distinguishes this intake kit from all others.

PARTS AND TOOL LIST

- 1 AWE Tuning S-FLO air filter
- 1 AWE Tuning silicone intake hose
- 1 AWE Tuning fuel line bracket (cars up to 2012)
- 1 AWE Tuning EVAP line bracket (all cars)
- 1 M8 washer
- 1 8mm nut
- 2 M4 hex socket bolt
- 1 Panel mount cable tie (cars up to 2012)
- 1 Panel mount cable tie (all cars)
- 1 70-90 hose clamp
- 1 90-110 hose clamp
- 1 crimp clamp

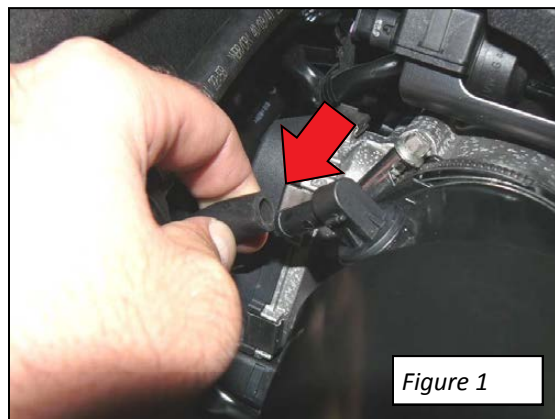
Required tools and materials:

- Flat tip screwdriver
- 13mm wrench
- T25 Torx
- T15 Torx
- Wire cutters
- 3mm hex key

Step 1

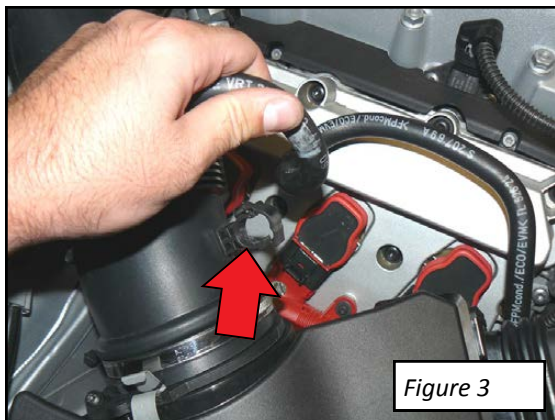
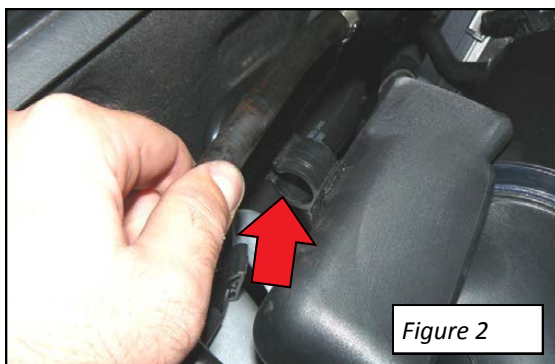
Open the hood.

Disconnect the breather hose (located near the throttle body) from the factory intake hose.



Step 2

Unclip both rubber lines from the factory intake hose (see arrows in **Figure 2** and **Figure 3**)



Step 3

Using a flat tip screwdriver, loosen the hose clamps holding the factory intake hose in place. Remove the factory intake hose.

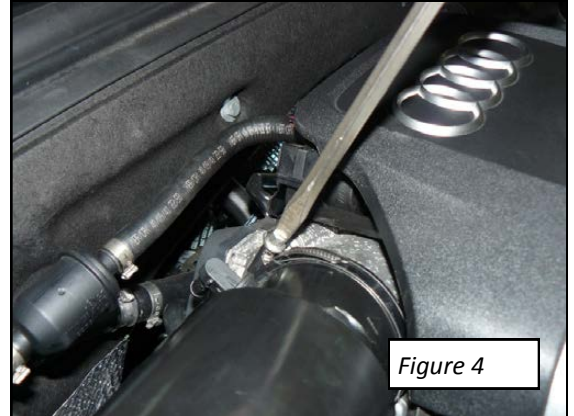


Figure 4

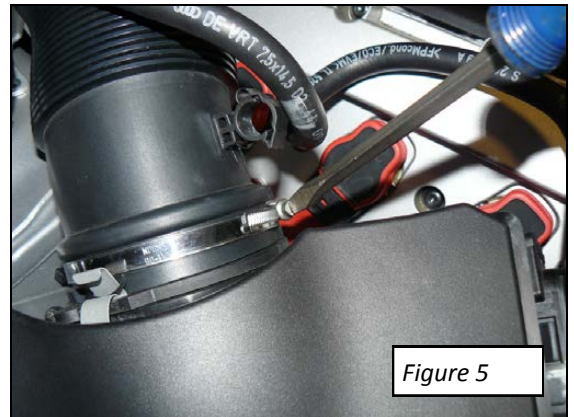


Figure 5

Step 4

Using a T25 Torx bit remove the air box lid and filter assembly.

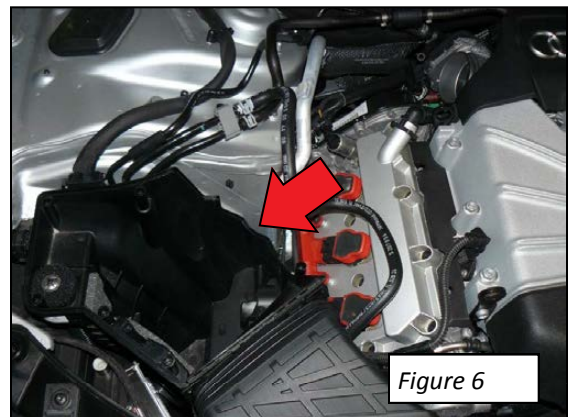


Figure 6

Step 5

Release the two metal clips holding the plastic hose collar to the lid. Next, using a T15 Torx bit, remove the two screws securing the air filter element to the lid.

Remove and discard the large rubber o-ring beneath the air filter element.

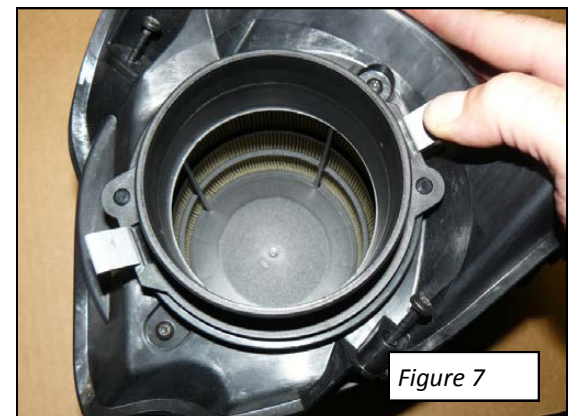
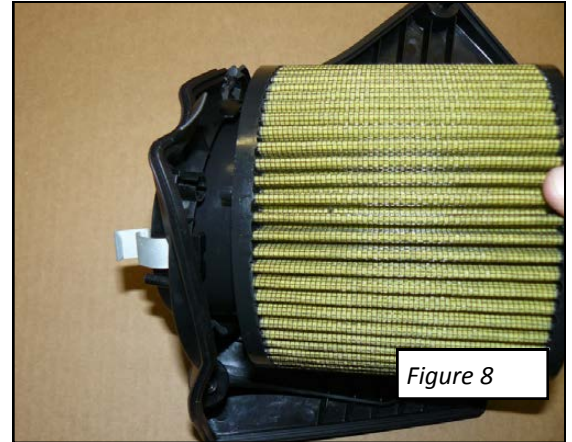


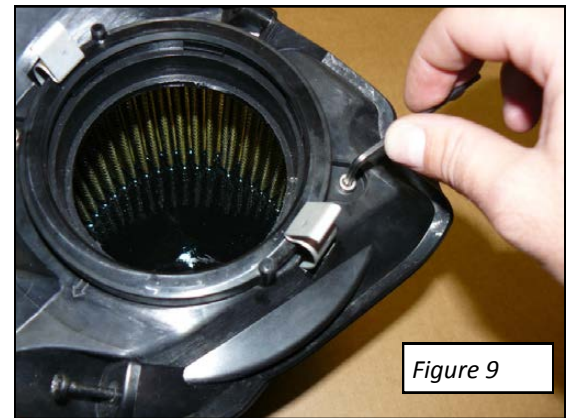
Figure 7

Step 6

Install the AWE air filter into the airbox lid by lining up the rubber bosses on the filter with the openings in the airbox lid.



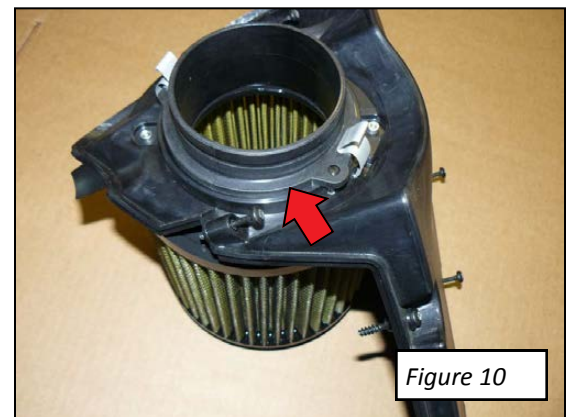
Use the supplied M4 bolts to secure the filter to the lid.



Step 7

Reinstall the plastic hose collar. Then reinstall the lid and filter assembly back in the car.

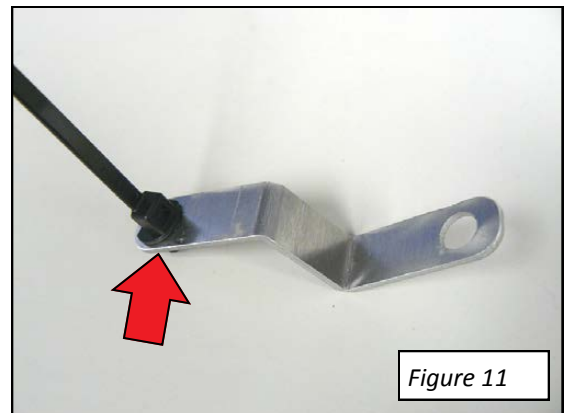
For 2014 model year cars, please skip to Step 12.



Step 8

For cars up to 2013 model year:

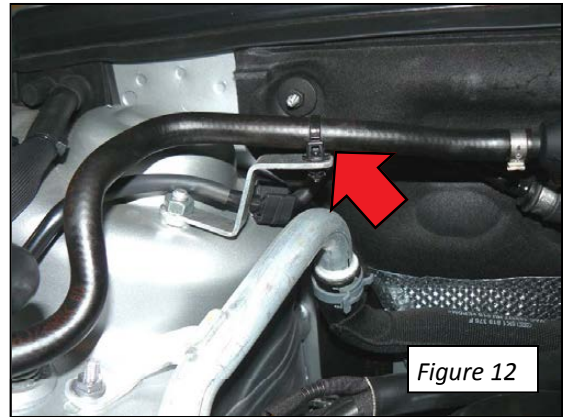
Install one of the included cable ties into the smaller of two holes on the EVAP line bracket as shown in **Figure 11**.



Step 9

Install the EVAP hose bracket on the existing passenger strut tower stud with the supplied M8 nut and washer. Secure the hose (at arrow in **Figure 12**) with the cable tie and trim as necessary.

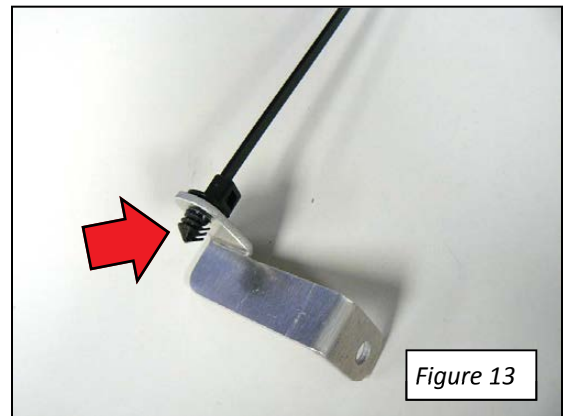
For 2013+ S4/S5, after installing this part, please skip to Step 12.



Step 10

For cars up to 2012 model year:

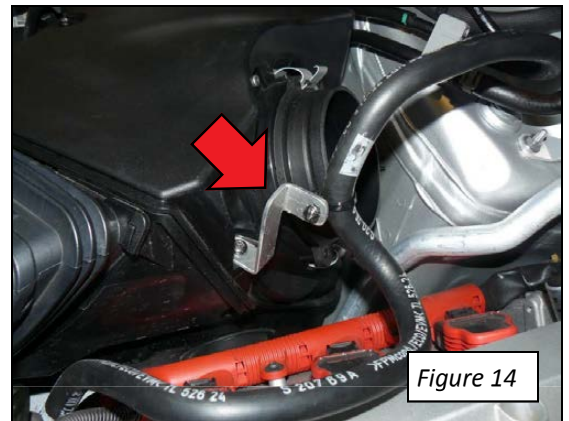
Install one of the included cable ties on the fuel line bracket as shown at arrow in **Figure 13**.



Step 11

For cars up to 2012 model year:

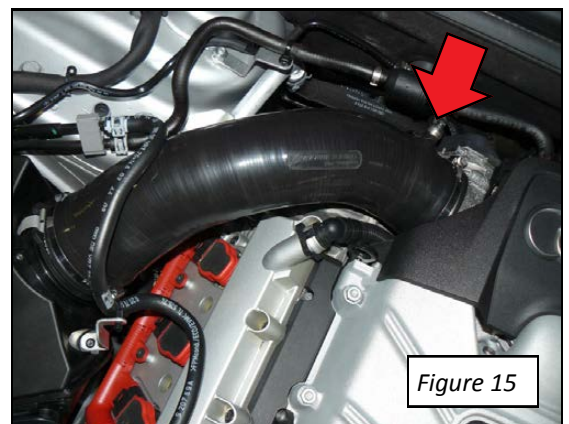
Install the fuel line bracket under the airbox lid bolt as shown in **Figure 14**. Secure the fuel line with the cable tie and trim as necessary.



Step 12

For all model year cars:

Install the AWE Tuning silicone intake hose using the included hose clamps. Reinstall the factory breather hose on the plastic hose barb near the throttle body (at arrow in **Figure 15**).



ENJOY

This is a re-usable air filter that can be cleaned when dirty and put back into service.

Please inspect the air filter element every 25,000 miles for integrity. Clean every 50,000 miles under normal operating conditions, sooner in dusty conditions. Contact AWE Tuning to purchase a filter maintenance kit.





INSTALLATION GUIDE

2010+ Audi S4/S5 4.2 & 3.0T
2008-10 Audi A4 and A5 3.2L V6
S-FLO Carbon Cover

FOR RACING USE ONLY

Congratulations on your purchase of the AWE Tuning S-FLO Carbon Cover for the 2008-2010 Audi A4 and A5 3.2L V6, and 2010+ Audi S4/S5 4.2 & 3.0T.

Exquisite build quality with industry leading performance distinguishes this intake upgrade from all others.

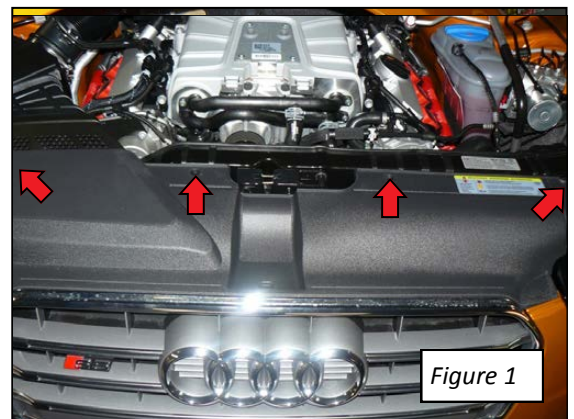
PARTS LIST

- 1 AWE Tuning carbon fiber airbox lid
- 1 AWE Tuning carbon fiber inlet duct
- 2 stainless steel button head bolt
- 2 stainless steel nylon lock nut
- 1 44 inch long adhesive backed foam strip
- 2 6-32 Socket Cap Bolts
- 2 6-32 Lock Nuts
- 2 5/16" Washer
- 1 21 drill bit
- 1 7/64" Allen Key

Please note the while the following steps show the 3.0T engine, the same steps also apply to the A4/A5 3.2L V6 and S5 4.2L engines.

Step 1

Under the hood remove the upper radiator cover by pushing in on the center of each of the clips, at arrows in **Figure 1**, then remove.



Step 2

Remove the airbox inlet duct by removing the two T25 Torx screws, at arrows in **Figure 2**, and pulling out on the duct.

Next remove all seven of the T-25 Torx screws holding down the airbox lid and remove the hose clamp holding the intake hose to the airbox.



Figure 2

Step 3

With the airbox lid removed and off the car, unclip the air filter coupler.



Figure 3

Step 4

Install the air filter coupler onto the AWE Tuning carbon airbox lid using the supplied button head bolts and lock nuts, as shown in **Figure 4**.

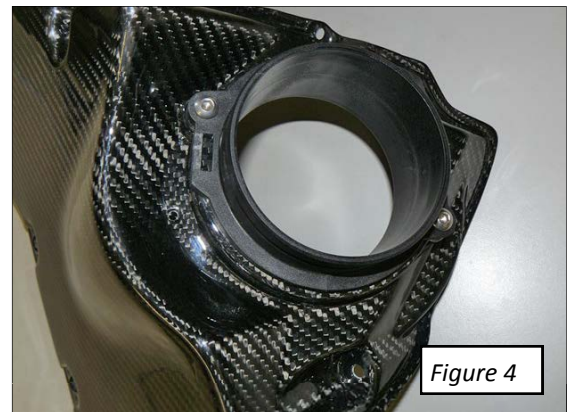


Figure 4

Step 5

Reinstall the air AWE Tuning S-FLO filter onto the AWE Tuning carbon airbox lid using the same hardware that attached it to the stock airbox lid.

If you are using the stock paper filter: use a pair of wire cutters to first trim off the extra bosses on the base of the filter, at arrows in **Figure 5**.

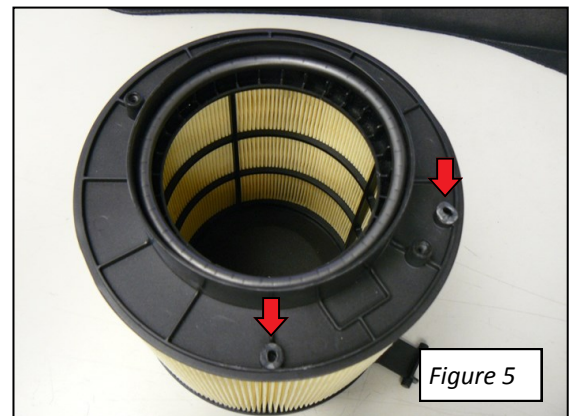
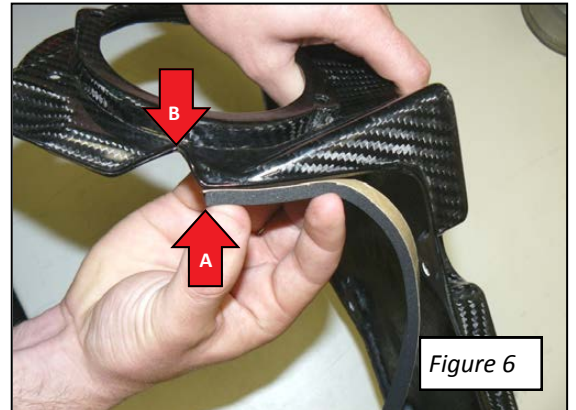


Figure 5

Step 6

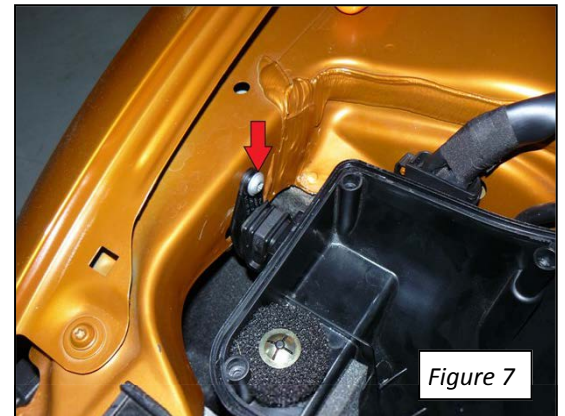
Starting with the edge of the airbox lid shown in Figure 6, apply the foam gasket as close to the edge as possible, all the way around the parameter of the lid. The gasket should start at **Arrow A** and wrap all the way around to end at **Arrow B**.



Step 7

To remove the lower airbox, remove the T30 Torx screw from the black plastic mounting bracket.

Rotate the bracket counter clockwise and gently pull up on the lower airbox.

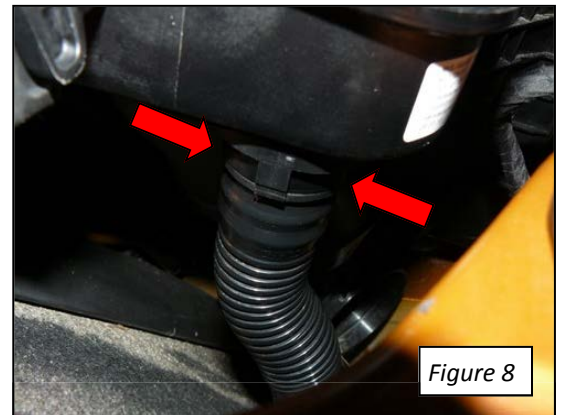


Step 8

With the bracket removed, pull up on the lower airbox to gain access to the air pump hose below.

Remove the air pump hose by squeezing the top section together, at arrows in **Figure 8**, and pulling down on the hose.

With the hose disconnected, remove the bottom section of the airbox from the car.



Step 9

Locate the factory snow screen on the bottom section of the factory airbox.

Remove the snow screen by unclipping it from the bottom of the airbox and sliding upwards.



Step 10

Place the AWE Tuning carbon inlet duct into the groove on the factory airbox and make sure it sits tight. Using the supplied drill bit, press hard and mark the location of the two holes in the carbon inlet duct onto the inside of the factory airbox, as shown in **Figure 10**.



Figure 10

Step 11

Remove the carbon fiber inlet duct and use the supplied drill bit to drill holes in the lower airbox at the previously marked locations on the tabs, at arrows in **Figure 11**.

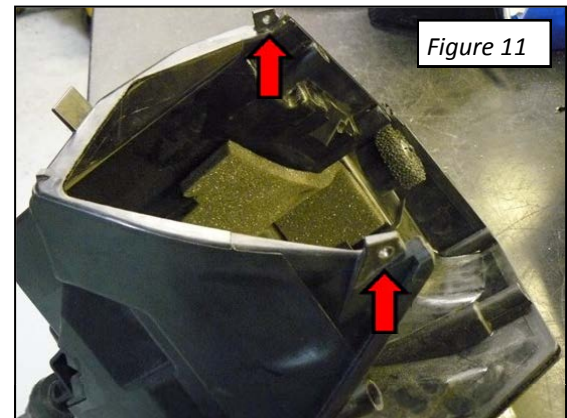


Figure 11

Step 12

Mount the AWE Tuning carbon fiber inlet duct in the airbox, making sure the holes are properly lined up. Install the washer/bolt on the outside of the airbox and the locknut on the inside of the AWE Tuning carbon fiber inlet duct.

Snug up both of these fasteners, using the supplied 7/64" allen key and a 5/16" wrench. Do not over tighten.

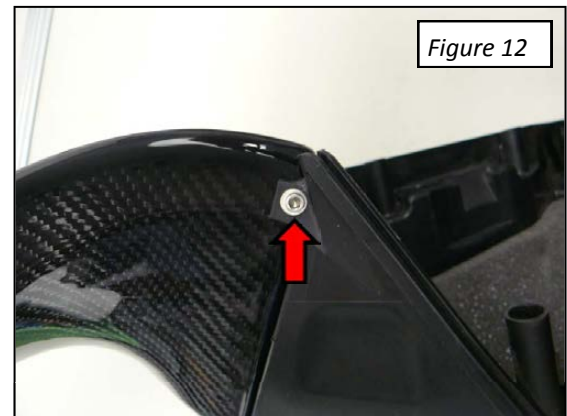


Figure 12

Step 13

Reinstall lower airbox and carbon fiber inlet in to the car. Reattach the air pump hose, making sure that it clicks into place.

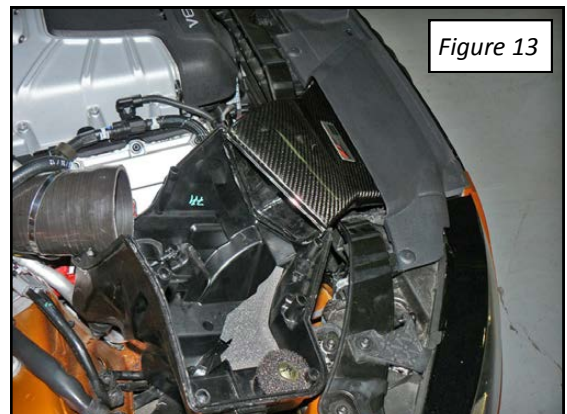


Figure 13

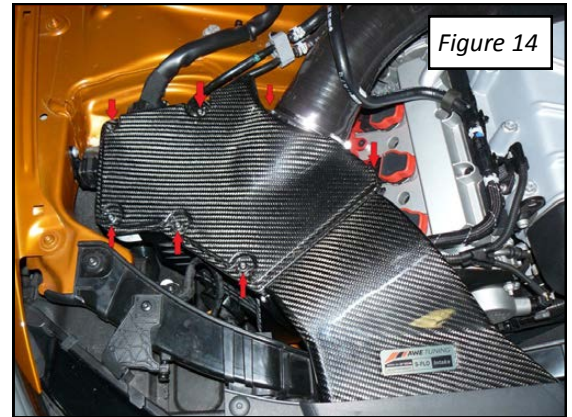
Step 14

Install the AWE Tuning carbon fiber airbox lid and air filter by first sliding the intake hose and hose clamp onto the filter coupler.

Attach the lid to the lower airbox using the factory hardware, at arrows in Figure 14.

Tighten the intake hose clamp.

Reinstall the radiator cover.



ENJOY

 **AWE TUNING**
PERFORMANCE ENGINEERING FOR GERMAN AUTOS