



## 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

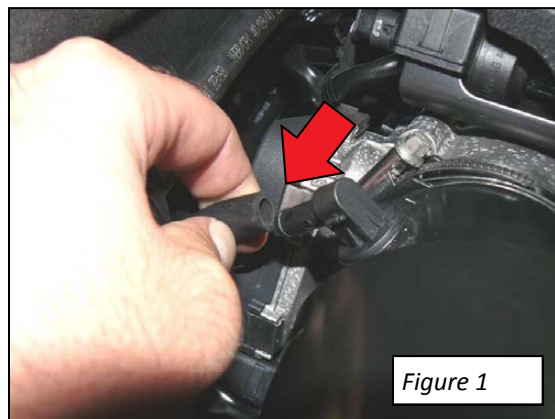
### Required tools and materials:

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

### Step 1

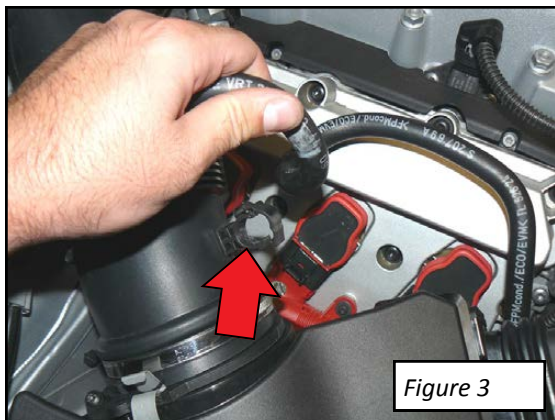
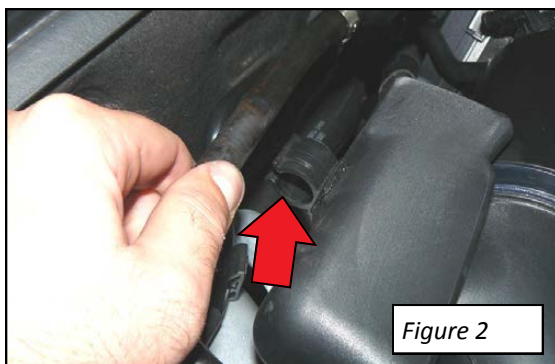
Open the hood.

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.

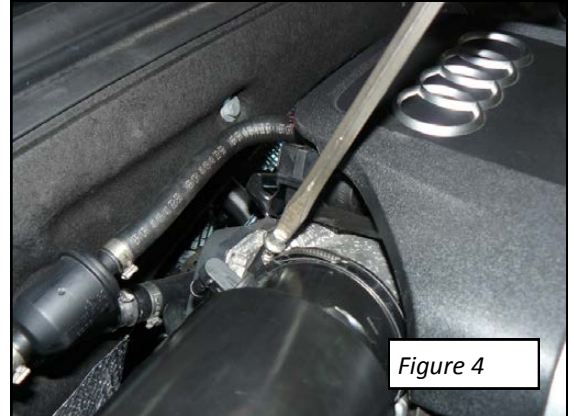


Figure 4

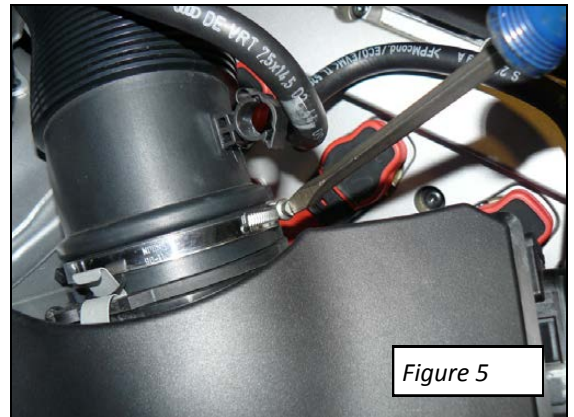


Figure 5

### Step 4

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

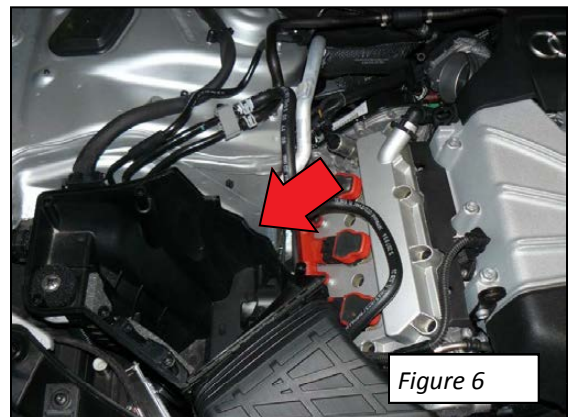


Figure 6

### 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.

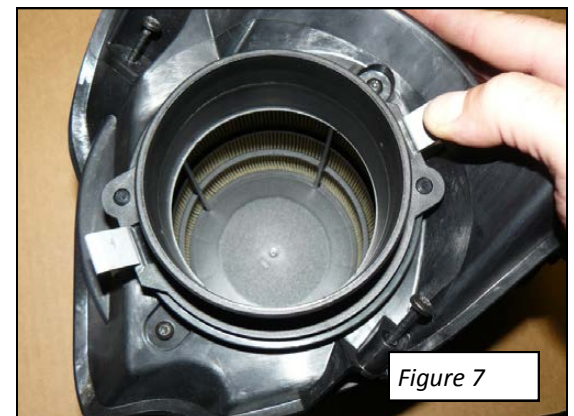


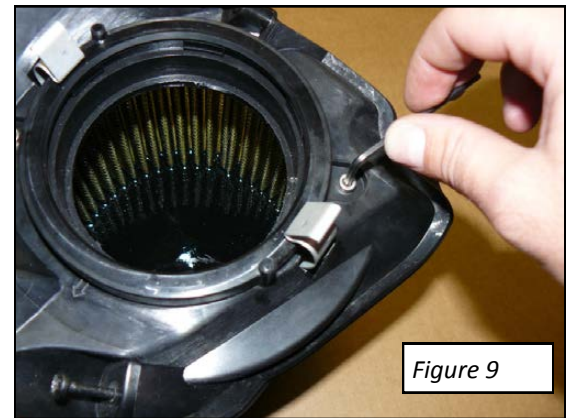
Figure 7

## 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.



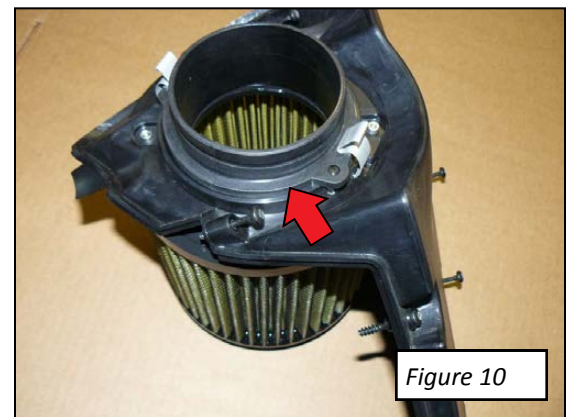
Use the supplied M4 bolts to secure the filter to the lid.



## Step 7

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

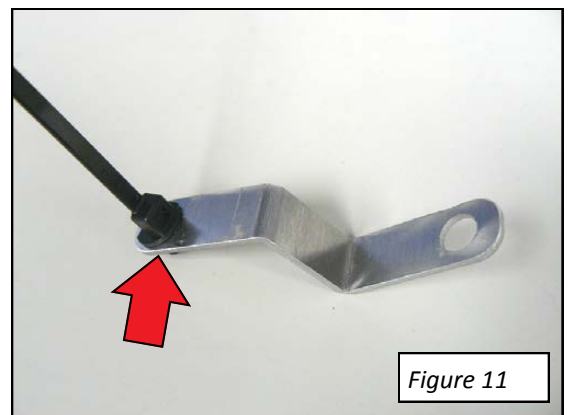
**For 2014 model year cars, please skip to Step 12.**



## 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**.

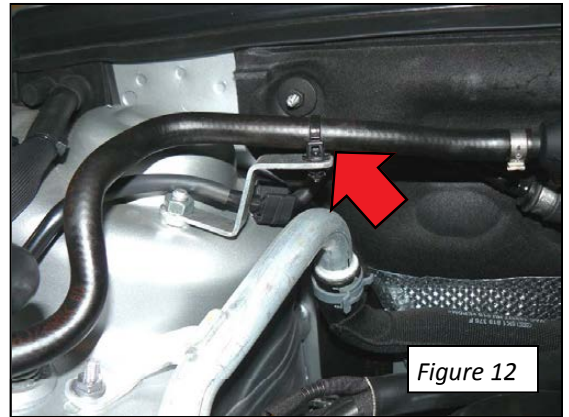




## Step 9

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.

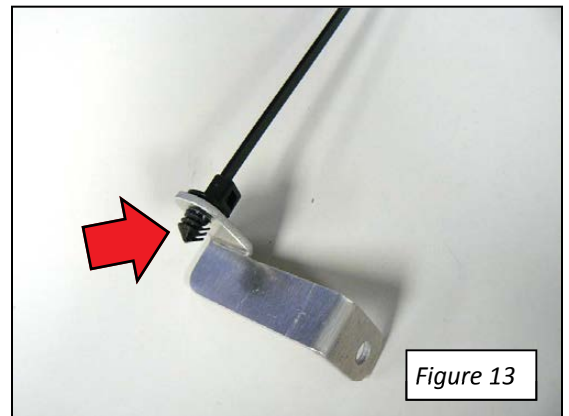
**For 2013+ S4/S5, after installing this part, please skip to Step 12.**



## Step 10

**For cars up to 2012 model year:**

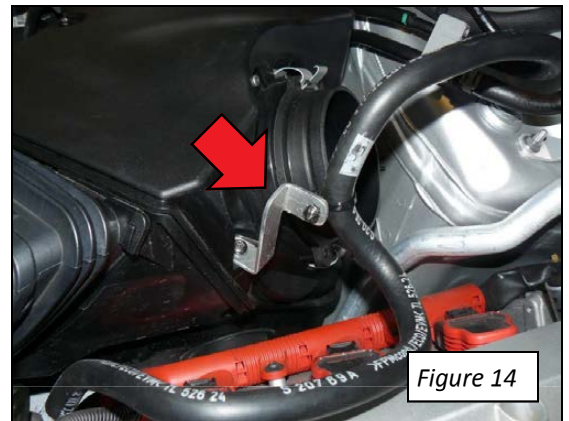
Install one of the included cable ties on the fuel line bracket as shown at arrow in **Figure 13**.



## Step 11

**For cars up to 2012 model year:**

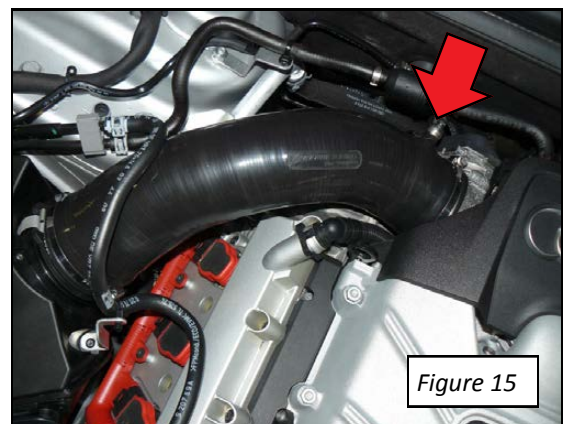
Install the fuel line bracket under the airbox lid bolt as shown in **Figure 14**. Secure the fuel line with the cable tie and trim as necessary.



## 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**  
**S-FLO Carbon intake**

**FOR RACING USE ONLY**

Congratulations on your purchase of the AWE Tuning S-FLO Carbon intake for the 2010+ Audi S4 and S5 4.2 & 3.0T.

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

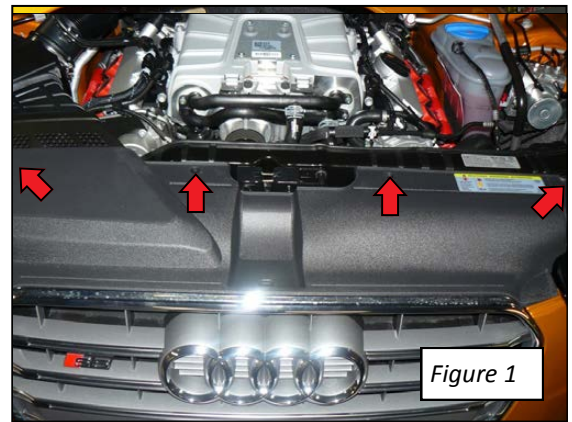
## PARTS LIST

- 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 apply to the S5 4.2 V8 engine also.

### Step 1

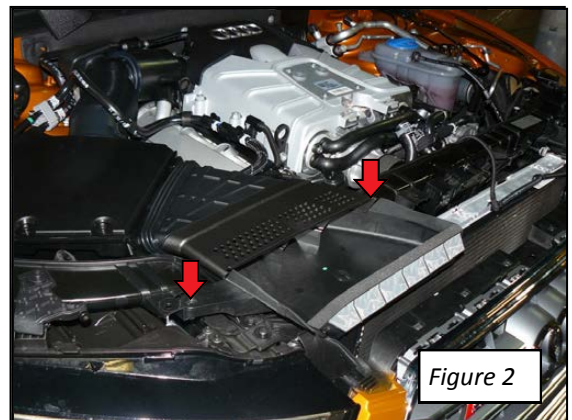
Under the hood remove the upper radiator cover by pushing in on the center of each of the clips, at arrows in **Figure 1**, then remove.



### 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.





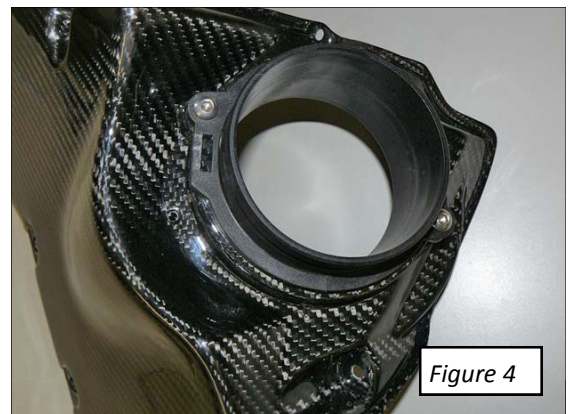
### Step 3

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



### Step 4

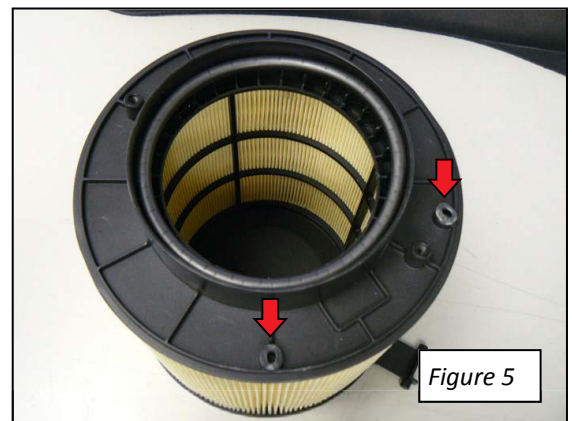
Install the air filter coupler onto the AWE Tuning carbon airbox lid using the supplied button head bolts and lock nuts, as shown in **Figure 4**.



### Step 5

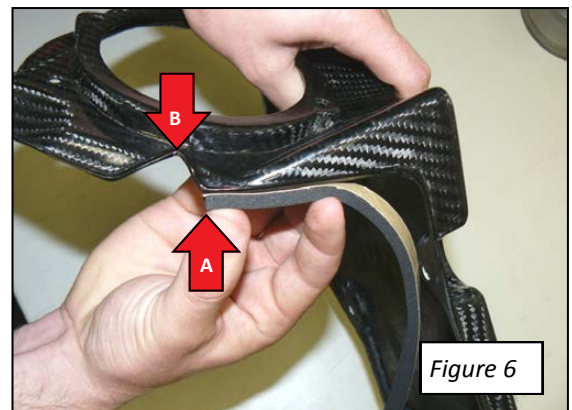
Reinstall the air AWE Tuning S-FLO filter onto the AWE Tuning carbon airbox lid using the same hardware that attached it to the stock airbox lid.

**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**.



### 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

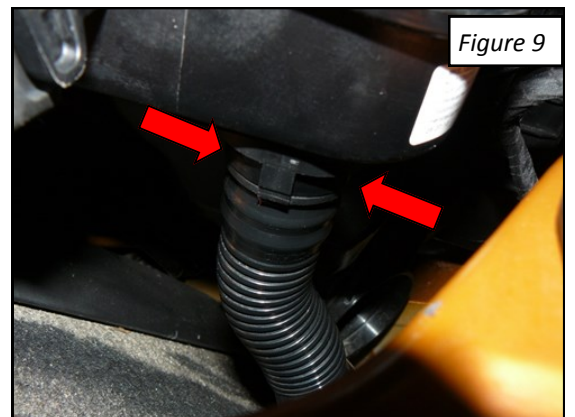
Locate the factory snow shield on the bottom section of the factory air box.  
Remove this part by unclipping it from the bottom of the air box and slide it up.



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.



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 and pulling down on the hose.  
With the hose removed you can now remove the lower part of the air box.



## Step 8

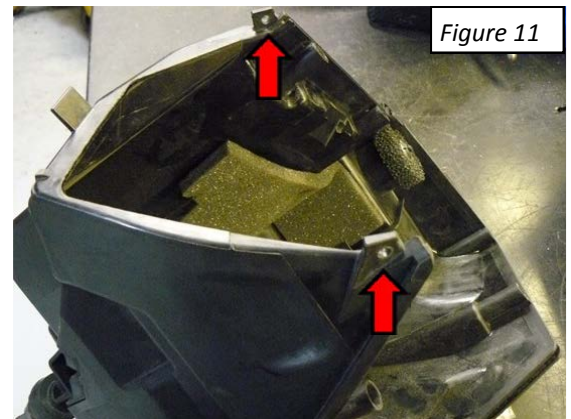
With the lower airbox removed install the AWE Tuning carbon inlet duct into the groves of the lower airbox and make sure it is fully seated in the opening.

On the inside of the duct use a marker or sharp pencil to mark the lower airbox tabs for drilling, use the existing holes in the inlet duct as the template.



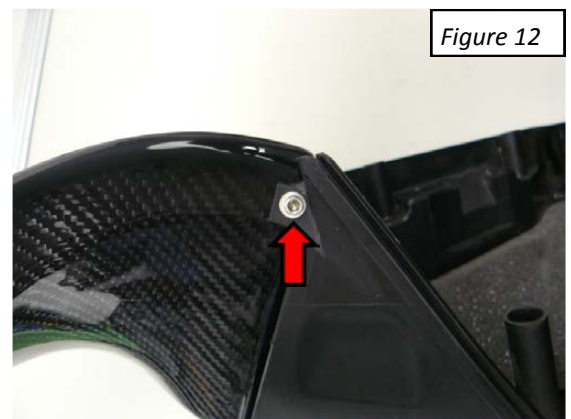
## Step 9

Remove the carbon fiber inlet duct and use the included drill bit to drill the lower airbox at the previously marked locations on the tabs.



## Step 10

Mount the AWE Tuning carbon inlet duct back in the airbox, making sure the holes are properly lined up. Install the washer/bolt (with 7/64" allen key) on the outside of the airbox and the locknut (with 5/16" wrench) inside the AWE Tuning carbon inlet duct. Snug both of these bolts up, do not over tighten.





## Step 11

Reinstall lower airbox and carbon fiber inlet.

Reconnect the air pump hose the same way it was disassembled; make sure that it clicks into place.

Reattach the plastic mounting bracket to the lower airbox and the car.



Figure 13

## Step 12

Install the AWE Tuning carbon airbox lid and S-Flo filter by first sliding the intake hose onto the filter coupler

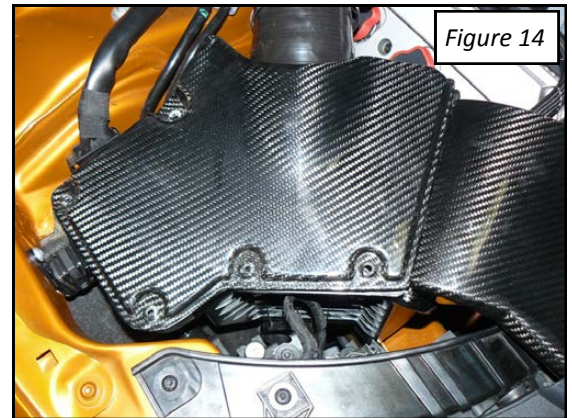


Figure 14

## Step 13

Install the AWE Tuning carbon fiber lid and filter assembly into the car, reusing the factory hardware.

Reinstall the intake hose and clamps.

Reinstall the radiator cover.

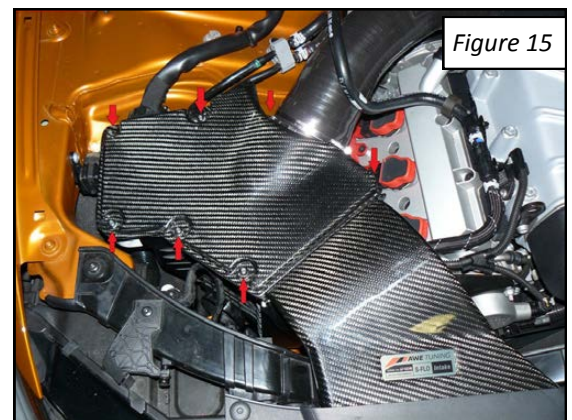


Figure 15