



## INSTALLATION GUIDE

**2014+ Porsche 991TT/TTS**  
**S-FLO Carbon Intake**

**FOR RACING USE ONLY**

Congratulations on your purchase of the AWE Tuning S-FLO Carbon Intake for the 2014+ 991TT and 991TTS

Exquisite build quality and superior performance distinguishes this intake from all others.

## PARTS AND TOOL LIST

### Parts List:

- 1 Carbon fiber airbox lower
- 1 Carbon fiber airbox upper
- 2 Carbon fiber tubes
- 2 S-FLO Filter
- 22 M5 button head allen bolts
- 1 Foam gasket
- 1 5/16 barb fitting
- 1 8-12 hose clamp
- 1 Breather filter

### Tool List:

- Torque wrench
- 3mm allen wrench
- T45, T30, T25 torx bits
- 7MM, 10MM, 14MM socket wrenches

## Step 1

*Please note: installation of the AWE Tuning S-FLO Carbon Intake requires removal of the rear wheels. If vehicle is equipped with center lock wheel bolts, special equipment will be needed to properly re-install the wheels.*

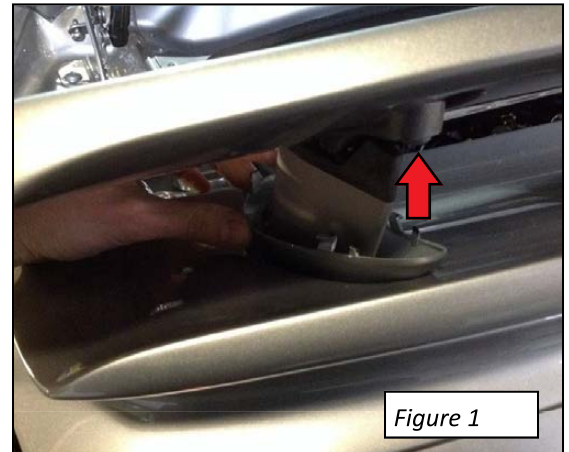
With the vehicle elevated, remove the rear wheels. With key in the on position, push and hold the button on the center console to fully raise the rear wing. Open trunk and engine compartments.

## Step 2

Unclip the plastic shrouds covering the rear wing uprights as shown in **Figure 1**.

Using a T45 torx bit and appropriate driver, unbolt the two bolts holding the wing blade onto the uprights, at arrow in **Figure 1**.

Remove the wing blade by gently pushing forward and lifting up. Remove the plastic shrouds from the uprights.

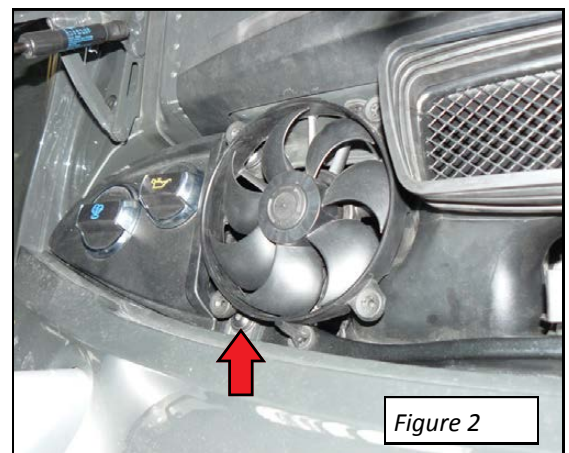


## Step 3

Remove the engine cover, fans, and air inlet duct. These are all held in by rubber grommet and mounting pins and are removed simply by lifting up on them.

The fans will both have wiring harness connections that need to be unclipped before removing completely.

Under each fan, there is a T30 torx bolt that needs to be removed, at arrow in **Figure 2**.



## Step 4

Remove the plastic filler panel with the third brake light by pushing towards the rear of the car gently until it releases from the retaining clips.

Unclip the third brake light wiring harness.

Lift straight up over the wing supports to remove panel.

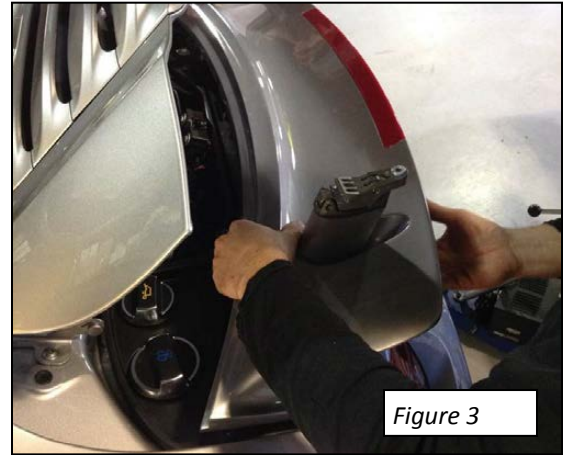


Figure 3

## Step 5

Using a T30 Torx bit, remove the four screws holding the top of the bumper to the plastic shroud, at arrows in **Figure 4**.

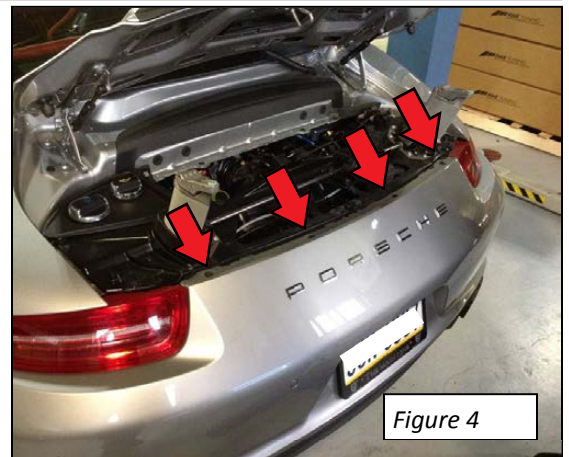


Figure 4

## Step 6

Unscrew the two bolts holding each taillight in place, using a T25 torx bit, at arrows in **Figure 5**.

Pull straight out on the taillights to remove them.

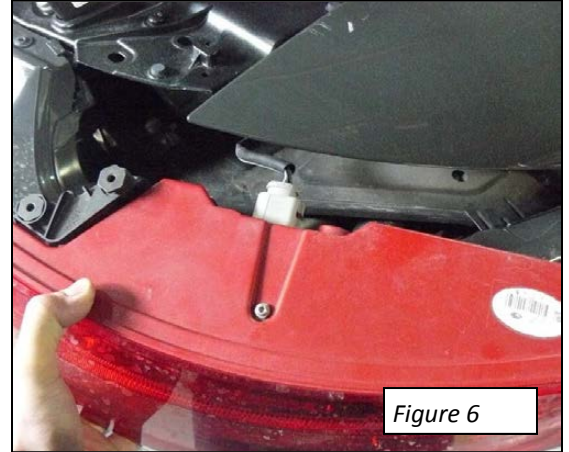


Figure 5

## Step 7

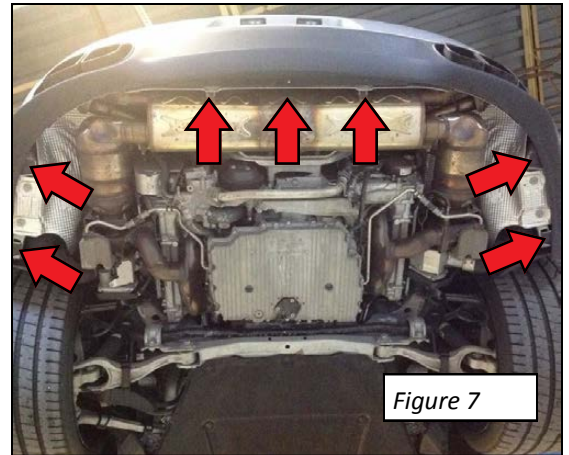
Unclip the wiring connector from the back of the taillights before setting them aside.

Remove each rear lower fender liner using T25 Torx bit and 10mm socket.



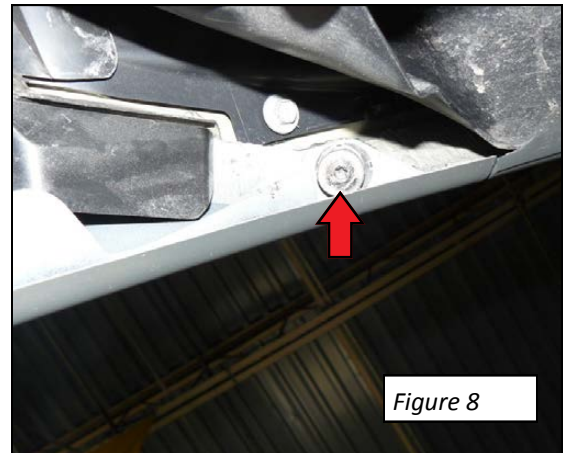
## Step 8

Using the T30 Torx bit, unscrew the 7 bolts from the bottom of the bumper, at arrows in **Figure 7**.



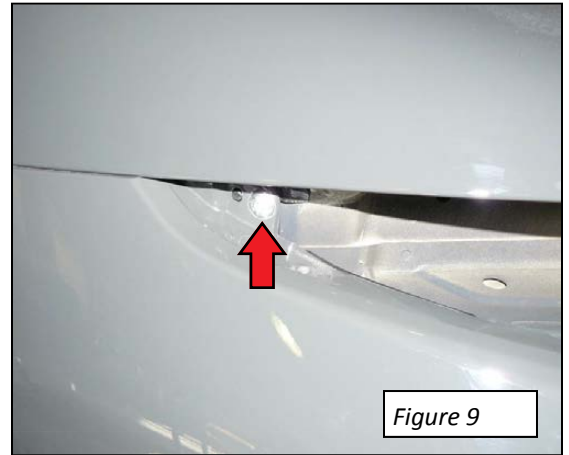
## Step 9

On both sides of the car, remove the bumper bolts under the rear wheel wells, at arrow in **Figure 8**.



## Step 10

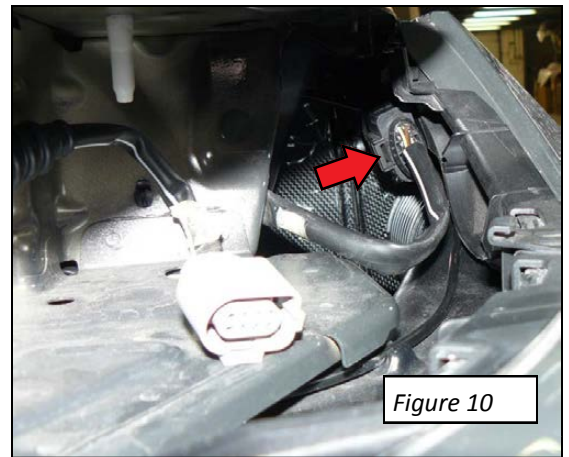
Remove the bolts behind the taillights, at arrow in **Figure 9**, to allow the bumper to slide rearward.



## Step 11

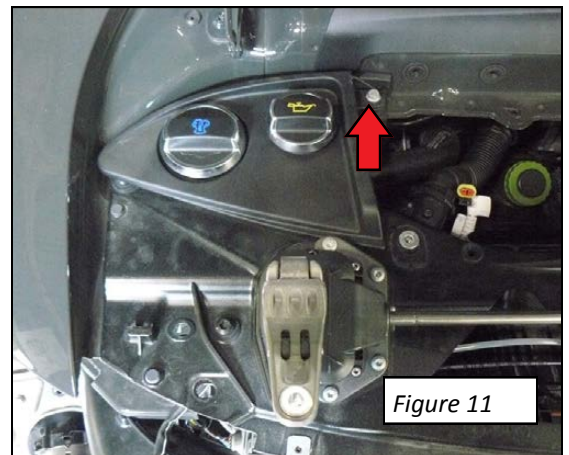
Unclip the wiring connector from the driver side of the bumper, at arrow in **Figure 10**.

Carefully pull straight back on the bumper to remove it from the car.



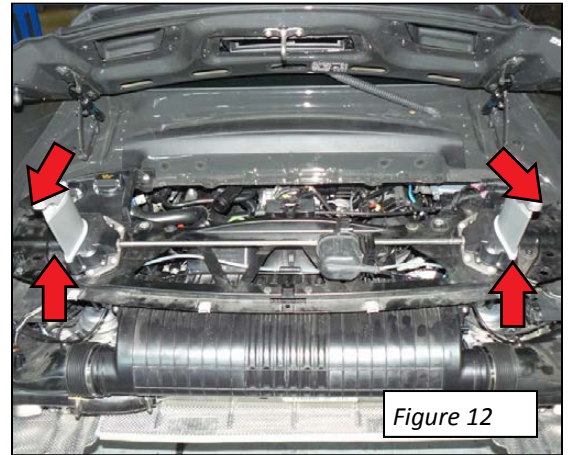
## Step 12

Remove the coolant and oil filler caps. Remove the 10mm bolt on the cap shroud, at arrow in Figure 11, and lift the shroud straight up to remove.



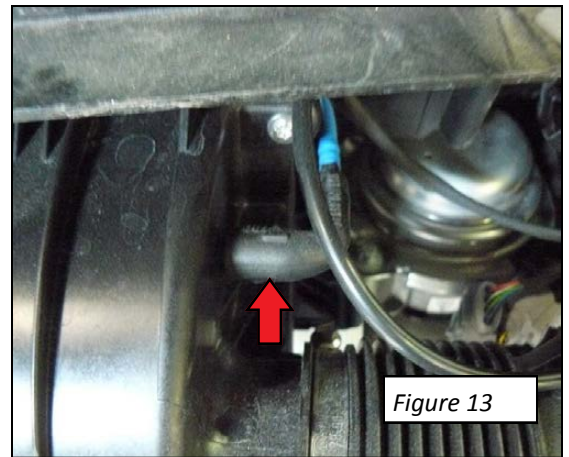
### Step 13

Loosen but do not remove the four T45 Torx bolts holding on the plastic support, at arrows in **Figure 12**.



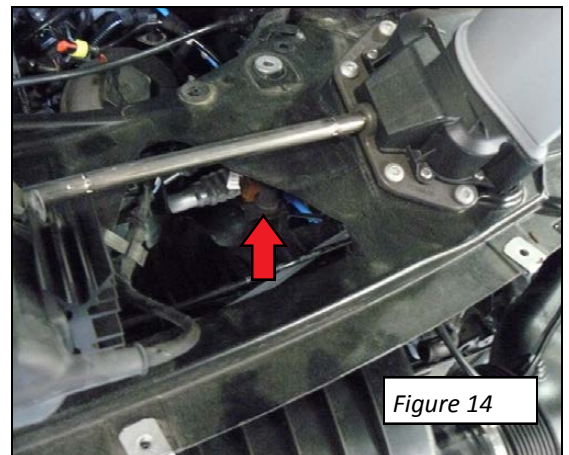
### Step 14

Remove the air line from the side of the airbox, at arrow in **Figure 13**.



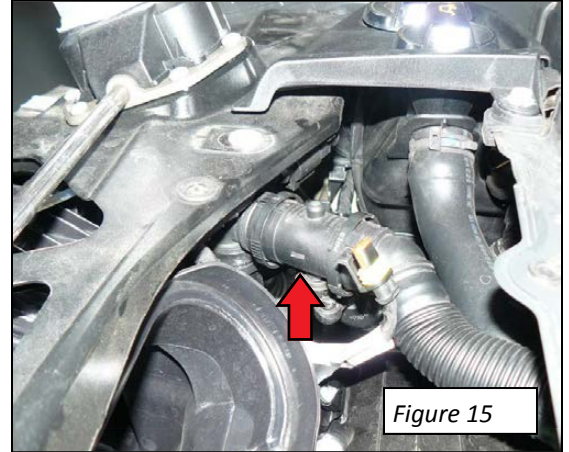
### Step 15

Remove the air solenoid, at arrow in Figure 14, from the back of the airbox by pressing its clip on the airbox and pulling the valve straight up.



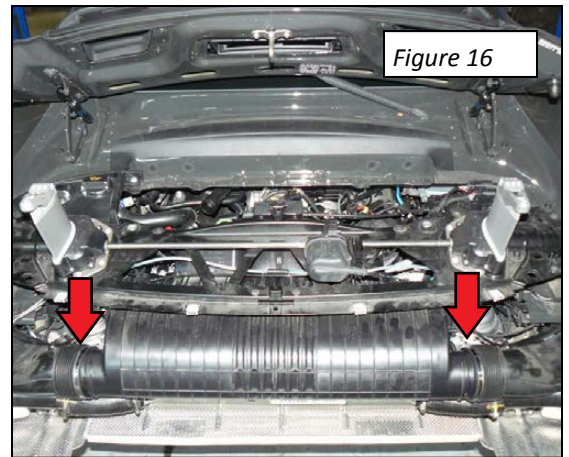
## Step 16

Remove the sound symposer, at arrow in **Figure 15**, from the back of the airbox on the driver side by pressing down on its clip and pulling it straight out of the airbox.



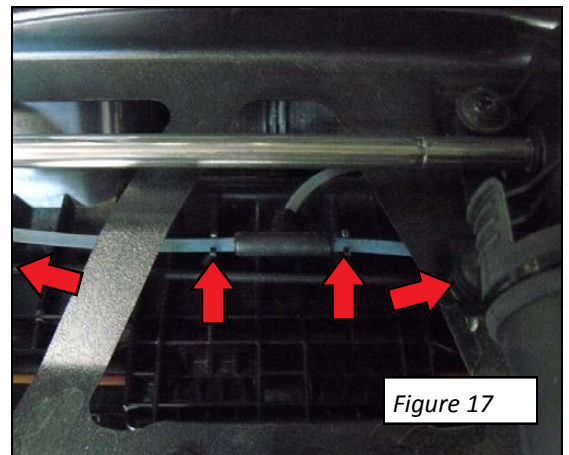
## Step 17

Using a 7mm socket, loosen the two hose clamps holding the inlet hoses to the airbox, at arrows in **Figure 16**, and disconnect.



## Step 18

Unclip the air lines from the four mounts on the top of the airbox, at arrows in **Figure 17**.

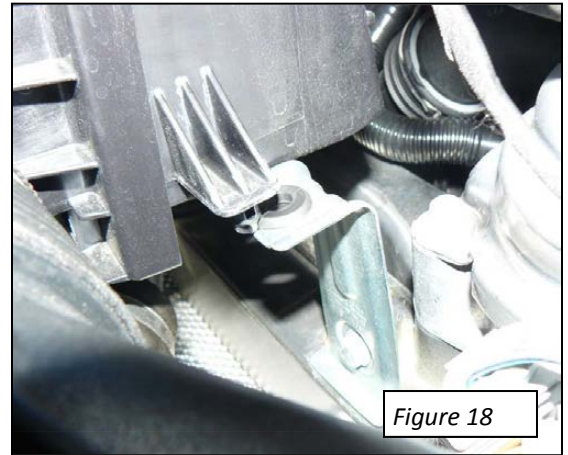


## Step 19

Pull straight up on the airbox to release its two mounts from their rubber grommets.

At this point the airbox should be free to come out of the vehicle.

Lift up on the plastic shroud above the airbox to give extra clearance while carefully removing the airbox.



## Step 20

Pre-assemble the AWE Tuning S-FLO airbox by first inserting each carbon tube into each filter.

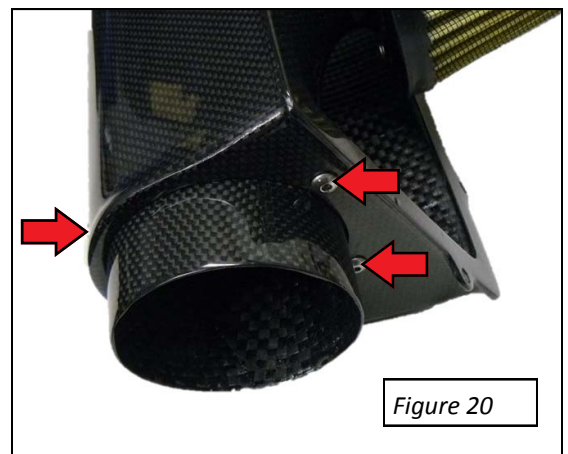
Secure the tubes to the filters by using the supplied M5X.8 bolts. Use four bolts per filter and tube assembly.



## Step 21

Insert the tube and filter assemblies into the back of the AWE Tuning S-FLO airbox and secure using three supplied M5X.8 bolts per side, at arrows in **Figure 20**.

Peel off the adhesive backing of the supplied gasket and stick the gasket into the groove on the front part of the AWE Tuning S-FLO airbox.





## Step 22

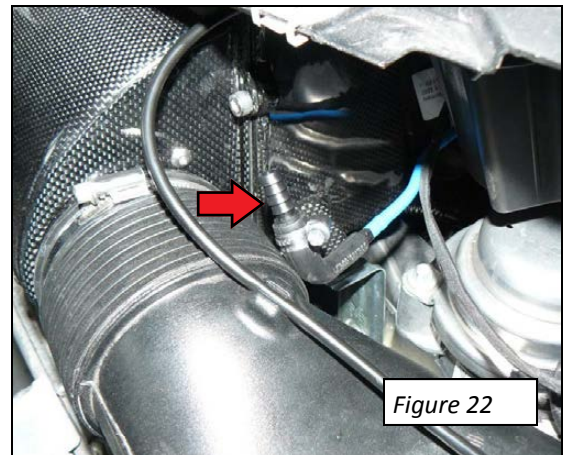
Finish assembling the AWE Tuning S-FLO airbox by lining up the front and back of the box and bolting it together with the supplied M5X.8 bolts.



## Step 23

Install the assembled box into the engine bay, ensuring all lines are re-attached as per the stock configuration.

Insert the short end of the 5/16 hose barb into the removed air line hose, at arrow in **Figure 22**.



## Step 24

Install the supplied breather filter on the 5/16 hose barb as shown in Figure 23, and tighten the hose clamp. Zip tie the hose to the airbox mount.

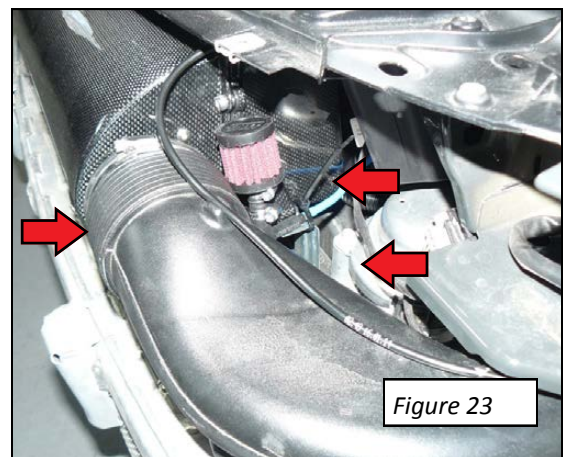
Secure the AWE Tuning S-FLO airbox using the factory mount locations and rubber grommets.

Seat the air inlet hoses fully and tighten the hose clamps.

Install the air lines above the air box using the mounts on the air box.

Installation of the balance of the factory parts is the reverse of removal.

For installation of centerlock wheels, refer to the factory owners manual.



The air filters with this intake are re-usable and 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.

