

FOR RACING USE ONLY



## 2012+ AUDI A6/A7 S-FLO INTAKE INSTALLATION GUIDE

Thank you for your purchase of the **AWE S-FLO Intake** system for the **2012+ Audi A6/A7** equipped with the 3.0T engine. For up-to-the-minute fitment information, be sure to visit the Audi C7 section of the [AWE website](#).

As always, AWE Performance Specialists are standing by for any questions, at 215-658-1670, or email us [here](#).

Let's go!!

# PARTS LIST



**INSPECT ALL PARTS PRIOR TO DISASSEMBLY OF VEHICLE; IF DAMAGED OR MISSING, PLEASE CONTACT THE PLACE OF PURCHASE IMMEDIATELY.**

## **S-FLO Intake system**

- 1 Carbon fiber air box
- 1 Carbon fiber inlet
- 1 Carbon fiber intake tube
- 1 S-FLO Filter
- 1 Breather filter (A7 only)
- 1 Silicon coupler
- 1 70-90mm hose clamp
- 4 3mm button head cap screws
- 1 SAI Breather filter (A7 only)

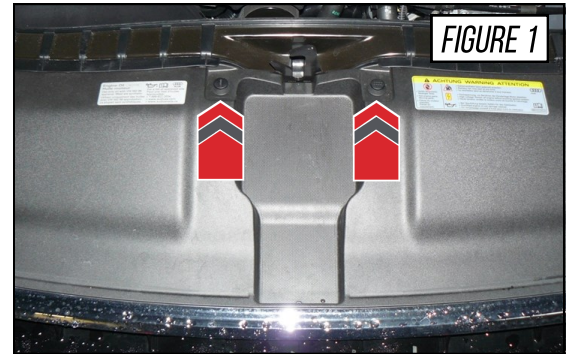
## **Required Tools:**

- T-30, T-25 torx bits
- Flat head screwdriver
- Phillips head screwdriver
- 3mm hex bit

## STEP 1

Remove the engine cover by pulling straight up at its four corners.

For A6 / A7 installations, remove the front cover by removing the two push pins at the arrows in **Figure 1**.



## STEP 2

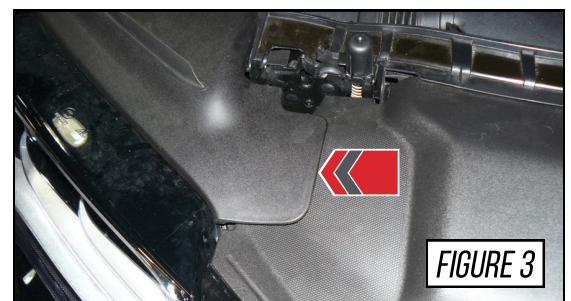
Gently pry up on the front edge of the cover where pins lock into the grill/bumper, as shown at arrow in **Figure 2**.



## STEP 3

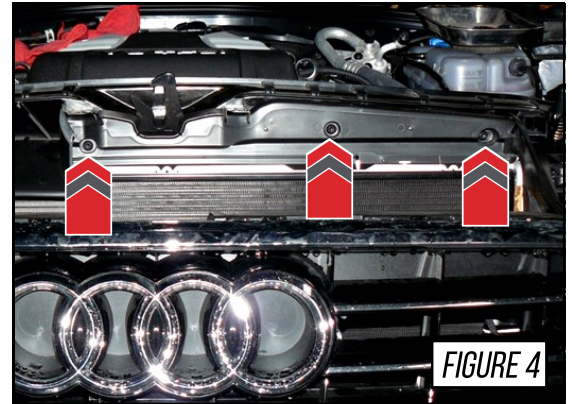
Work across the cover until the part is loose.

Pull up on both side covers to unclip them from the front cover, as shown by the arrow in **Figure 3**.



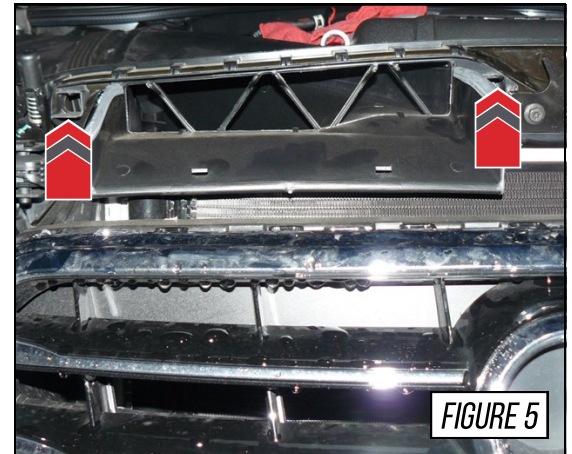
## STEP 4

Remove the plastic trim piece by removing the three (3) T-30 Torx screws, shown at the arrows in **Figure 4**.



## STEP 5

Remove the inlet scoop by removing the two (2) T-25 Torx screws, shown at the arrows in **Figure 5**.

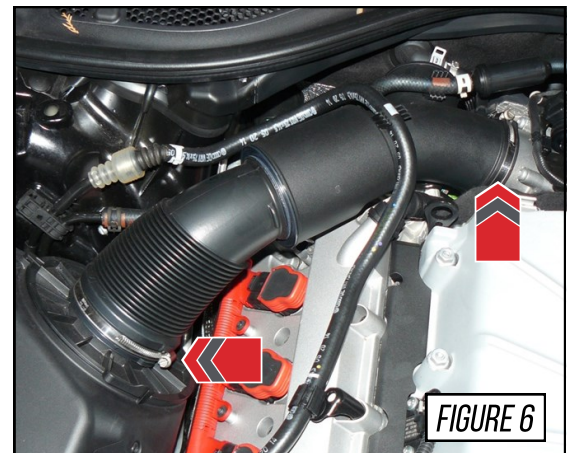


## STEP 6

Loosen the two (2) hose clamps shown at the arrows in **Figure 6**

Remove the accordion couplers from the outlet side of the factory filter housing.

Carefully slide a standard tip screwdriver between the metal turbo inlet tube and the coupler to gently pry the coupler off.





## STEP 7

With the tube assembly removed, the air box can be removed as one assembly. To completely remove the factory intake, lift straight up to pop the filter housing mount pins out of the rubber grommets.



If the rubber mounts come out with the mounting pins, make sure to reinstall them in the correct location on the car.

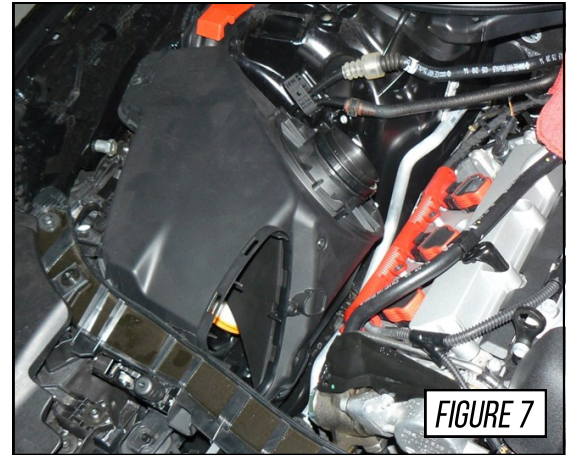


FIGURE 7

## STEP 8

**For A7, 3.0T installations only:**

Remove the *Secondary Air Intake (SAI)* hose from the bottom of the filter housing.

Install the included SAI inlet filter as shown by the arrow in **Figure 8**.

Zip-tie the filter out of the way of any moving engine components and the placement of the AWE S-FLO Intake Air Box.

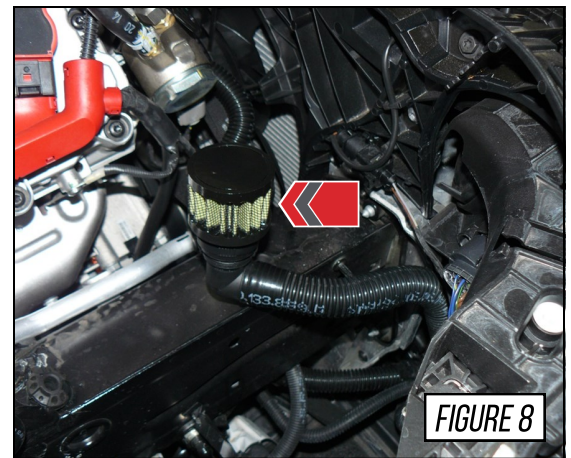


FIGURE 8

## STEP 9

Install the silicone coupler onto the throttle body as shown by the arrow in **Figure 9**, re-using the factory hose clamp.

Wait until all components are installed to tighten the hose clamps.

Use the supplied 70-90mm hose clamp for the side that attaches to the AWE Carbon Tube.

Re-install the factory vacuum tap into the 90° port that is on the silicone coupler.

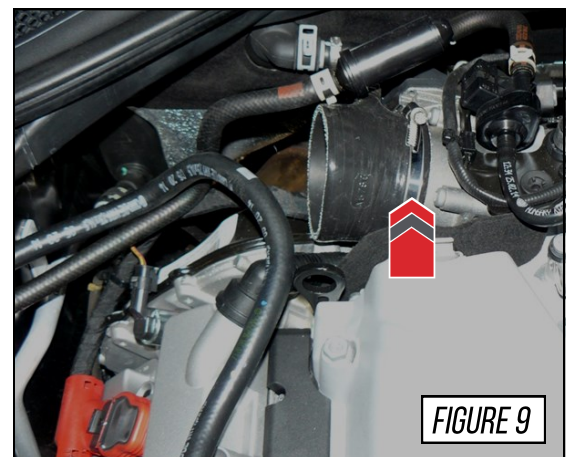



FIGURE 9

## STEP 10

Pre-assemble the carbon fiber air box by installing the air filter onto the pin mount in the carbon air box. Push the filter in until it sits flush with the top of the opening, as shown by the **Arrow A** in **Figure 10**.

With a 3mm hex tool, align and fasten the carbon intake tube to the threaded inserts on the air box, shown by **Arrow B** in **Figure 10**. Make sure the flange of the tube slips inside the opening of the filter and that it is installed in the correct orientation for placement back into the engine bay.

 Do not over-tighten bolts, as over-tightening could damage the carbon flange.



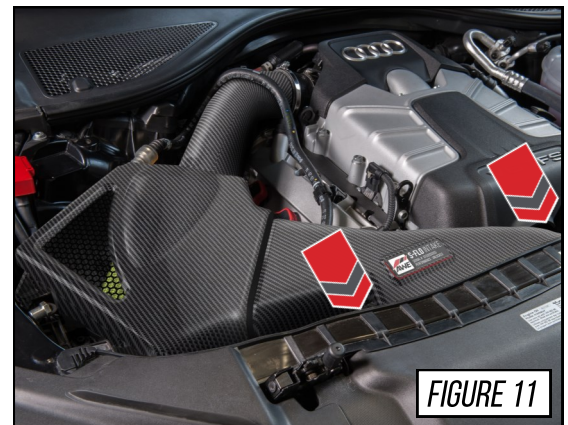
## STEP 11

Install the air box assembly into the engine bay by first inserting the carbon inlet tube into the coupler at the throttle body.

Center the air box over the three rubber mounts and the carbon turbo intake tube is located correctly at the throttle body. Push straight down on the air box assembly to seat it into the rubber mounts.

Once aligned and fully seated, tighten the two (2) hose clamps.

Insert the carbon air inlet duct into the air box. Then secure the inlet side to the radiator support by reusing the factory T-25 Torx screws, shown by the arrows in **Figure 11**.



## STEP 12

Reinstall the factory trim pieces and engine cover in the same manner they were removed.

### ***For future service of the air filter:***

The air box can remain installed; loosen the clamps holding the intake coupler into position.

Remove the four button head bolts using a 3mm hex tool, shown at the arrow in **Figure 12**.

Pull the carbon intake tube away from the air box to access the filter.



# ENJOY!



# CARE

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 to purchase a filter maintenance kit.

Any questions or comments,  
please do not hesitate to contact us:

## AWE

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# WARRANTY

## Summary:

This warranty is in place for all AWE brand products, and works in conjunction with any incremental specific product warranties or guarantees as listed on AWE-Tuning.com. This warranty protects against manufacturer defect. A performance car is only as strong as its weakest link. Therefore, it is vital that you maintain your vehicle to factory specifications. By installing or using the purchased product, the Consumer accepts this warranty and any specific Manufacturer warranties enclosed. The following warranty is valid only in the United States and Canada. The Manufacturer's full warranty applies to all products sold.

## Covered:

All AWE brand products against manufacturer defect. Please note that special order items are not returnable.

## Period:

Secor Ltd. (AWE) warrants this **S-FLO Intake** system for the **2012+ Audi A6/A7** to the original retail purchaser (Consumer) against manufacturer's defects as follows: **ONE (1) YEAR on carbon fiber components** from purchase date from AWE directly or from AWE authorized retailer. Proof of purchase will be required.

## Condition of system:

In the event of a return, product must be returned with no signs of abuse, incorrect installation, forced installation, motorsports usage, or product altering whatsoever. Actions will be granted upon receipt of product at AWE, after inspection.

## Action:

Returns and warranty claims MUST BE HANDLED THROUGH ORIGINAL LOCATION OF PURCHASE. Upon verification of warranty coverage, AWE will, at its sole option, repair, replace or consult toward remedy for the defective product, without charge. This is the only remedy the Consumer has for any loss or damage, however arising, due to nonconformity in or defect of the product. This warranty does not cover consequential damage, loss of time or revenues, labor, inconvenience, loss of use of vehicle, shipping, damage to the vehicle or components, or other incidental or indirect damage.

## Labor:

Labor is not covered.

## Shipping:

Shipping charges are not covered.

## Restocking:

AWE reserves the right to charge a 20% restocking fee for products that are returned.

## Exclusions:

Use of product in Motorsports or Racing conditions is grounds for warranty denial. Motorsports and Racing is an inherently abusive operational condition, and it is impossible to warranty for this type of usage. Warranties may be voided if product is not installed by an authorized AWE dealer. Warranties will be voided if product is improperly serviced, modified, or used in a way not intended by the Manufacturer. The Consumer is responsible for ensuring that the product is installed in a safe and proper manner, and should cease usage of the product immediately if an unsafe or improper condition is noted. If an unsafe or improper condition is noted, the Consumer should then immediately contact the facility where the product was installed, or AWE.

## Other:

EXCEPT AS EXPRESSLY SET FORTH ABOVE, AWE MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL AWE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES HOWEVER CAUSED, ON ANY THEORY OF LIABILITY, AND WHETHER OR NOT AWE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. AWE's sole liability on any claim of any kind, whether in contract, tort, or otherwise, for any loss or damage arising out of, connected with, or resulting from the manufacture, sale, delivery or use of the products sold hereunder shall in no case exceed the amount actually paid to AWE for the applicable product. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy.