FOR RACING USE ONLY



S-FLO CARBON INTAKE INSTALLATION GUIDE:

Thank you for your purchase of the **AWE S-FLO Carbon Intake** system for the following vehicles:

- **2012-2018 Audi A6 3.0T**
- **2012-2018 Audi A7 3.0T**

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!!

These instructions are intended for the following part numbers:

2660-15122

Copyright 2018, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev2.3

PARTS LIST

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

S-FLO Carbon Intake parts:

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**.


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**.

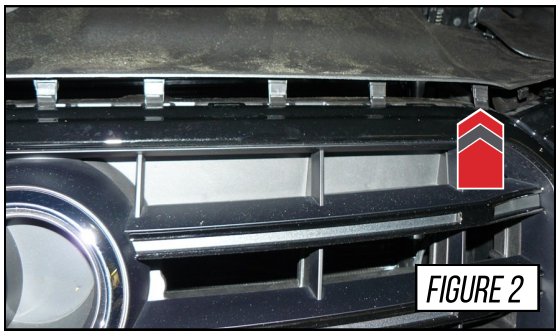
FIGURE 2

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**.

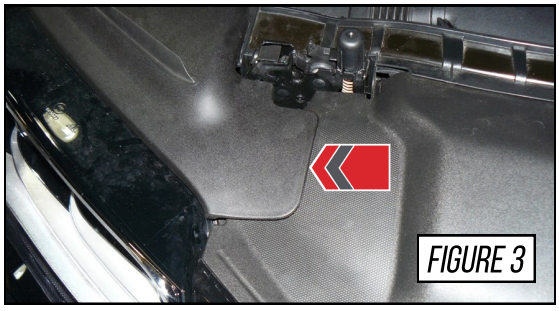
FIGURE 3

Copyright 2018, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev2.3

STEP 4

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

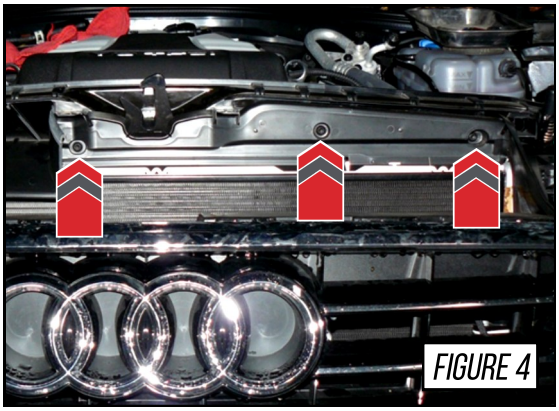
FIGURE 4

STEP 5

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

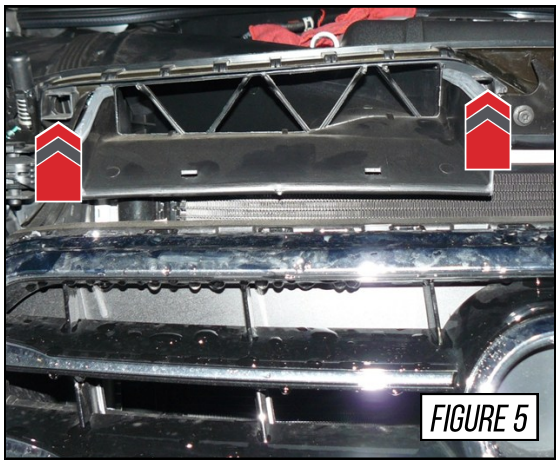
FIGURE 5

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.

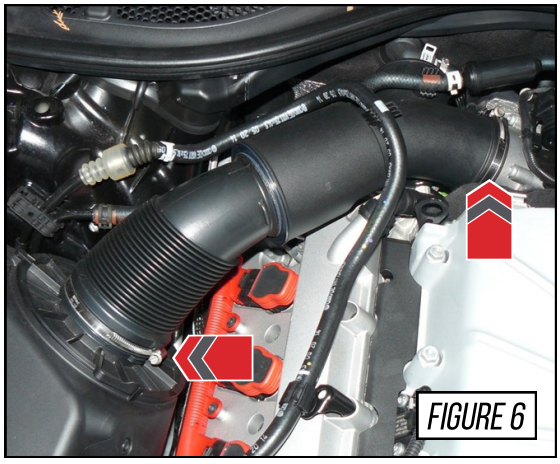
FIGURE 6

Copyright 2018, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev2.3

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.

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

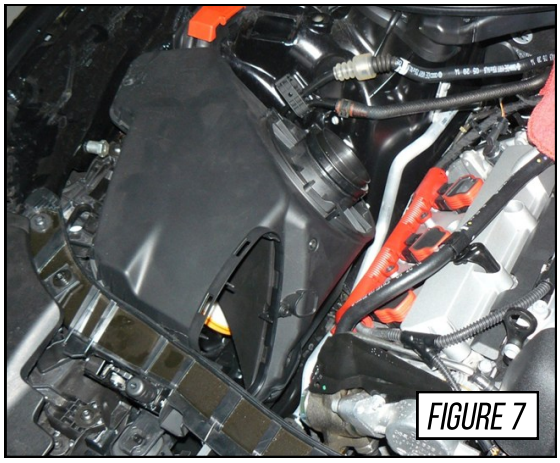
FIGURE 7

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 Carbon Intake air box.

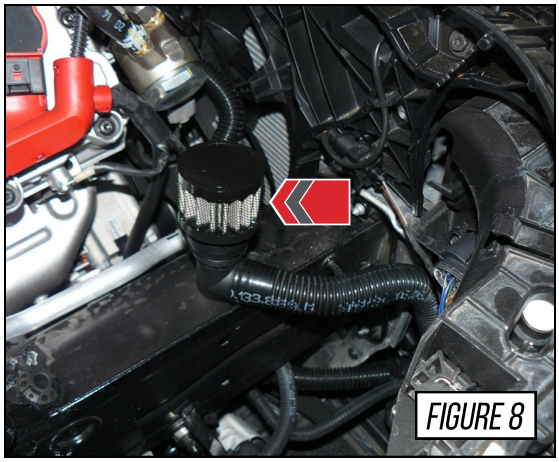
FIGURE 8

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 to 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.

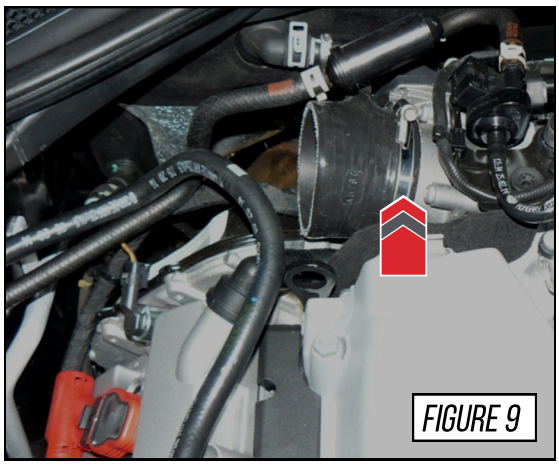
FIGURE 9

Copyright 2018, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev2.3

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.

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



FIGURE 10

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**.

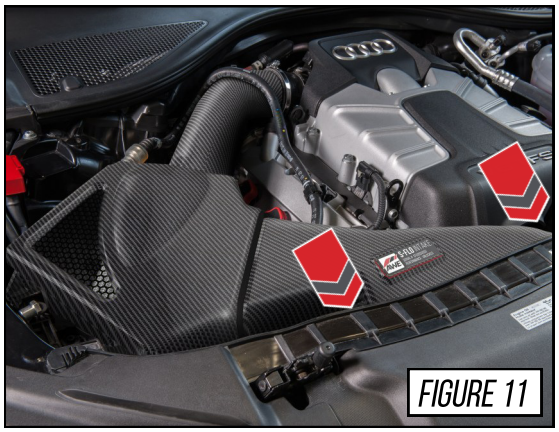
FIGURE 11

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.

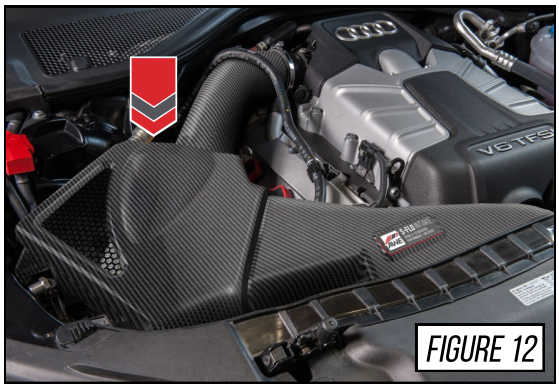
FIGURE 12

ENJOY!

Copyright 2018, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev2.3

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
199 Precision Drive
Horsham, PA 19044

215-658-1670
Contact Form

WARRANTY

Up-to-date warranty information is found **HERE**.

Copyright 2018, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev2.3