

FOR RACING USE ONLY



2016+ AUDI B9 3.0T/2.0T AIRGATE™ CARBON INTAKE INSTALLATION GUIDE

Thank you for your purchase of the **AWE AirGate™ Carbon Intake** for the **2016+ Audi B9 S4/S5 3.0T, and A4/A5/allroad 2.0T (coming soon)**. For up-to-the-minute fitment information, be sure to visit the Audi B9 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.

AirGate™ Carbon Intake system:

- 1 AirGate™ carbon air box
- 1 Carbon inlet
- 1 Carbon turbo tube
- 1 Performance air filter
- 3 M5 washers
- 3 M5 x 16mm screws
- 2 Worm clamps
- 1 Silicone coupler

AirGate™ Lid (optional):

- 1 AirGate™ Lid
- 2 M5 washers
- 2 M5 x16mm screws

Required Tools:

- T-25 torx driver
- Flat head screwdriver
- 3mm hex bit

STEP 1

Under the hood, remove the hood release lever by depressing the retaining button located by the arrow in **Figure 1.1**.

Remove the upper radiator cover by lifting up at the arrows in **Figure 1.2**. Lift and slide forward to remove the cover completely.



NOTE: Temporarily reinstall the hood release lever. If the hood should ever close without this in place, opening the hood again will be difficult.



FIGURE 1.1



FIGURE 1.2

STEP 2

Remove the air box inlet duct by removing the two (2) T25 torx screws, shown by the arrows in **Figure 2**.

Slide the inlet duct toward the engine, lift up, and remove completely.

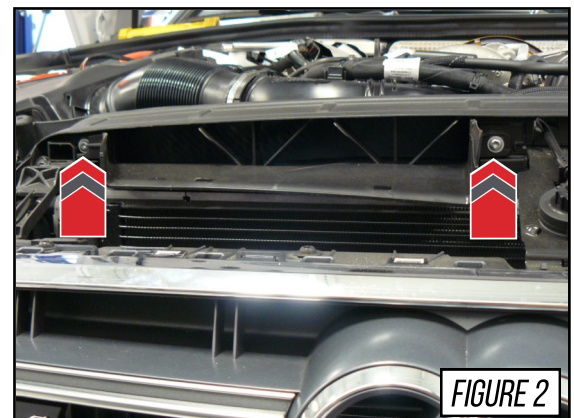


FIGURE 2

STEP 3

Pop the engine cover off of the four (4) mounting pins by lifting up gently.

Loosen the worm clamp as shown by **Arrow A** in **Figure 3.1** for **S4** —or— **Figure 3.2** for **A4**.

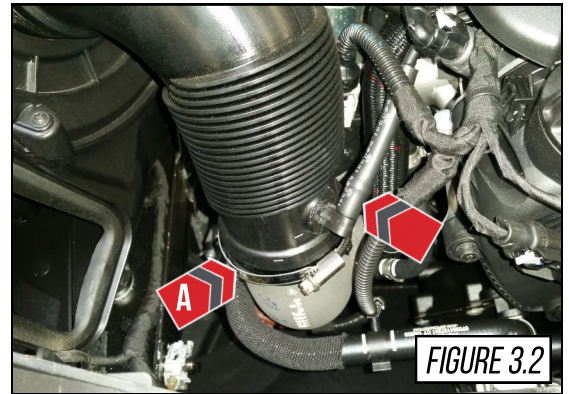
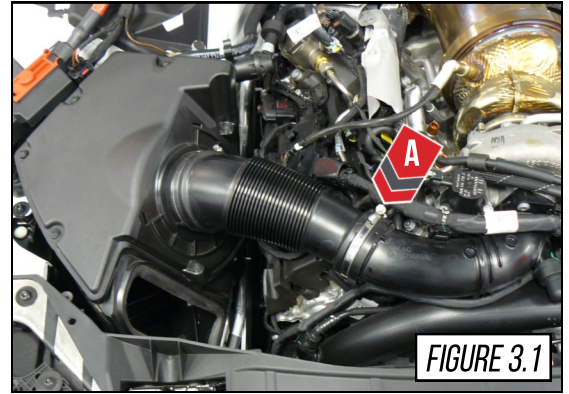
Separate the corrugated intake hose from the turbo inlet.

For A4 Installation:

Remove the vacuum line shown by the arrow in **Figure 3.2**.



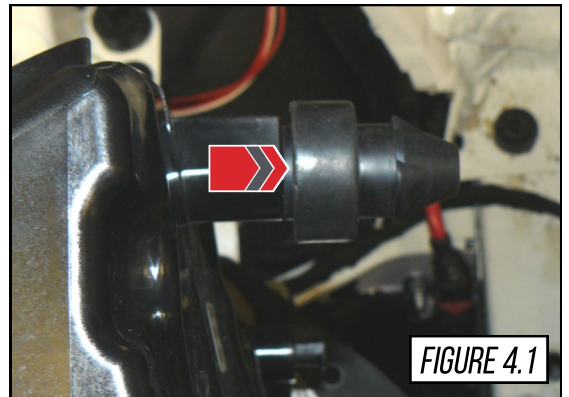
NOTE: The A4 factory turbo inlet hose will be easier to remove from the turbo inlet if the engine is warm. Be mindful of potentially hot engine components.



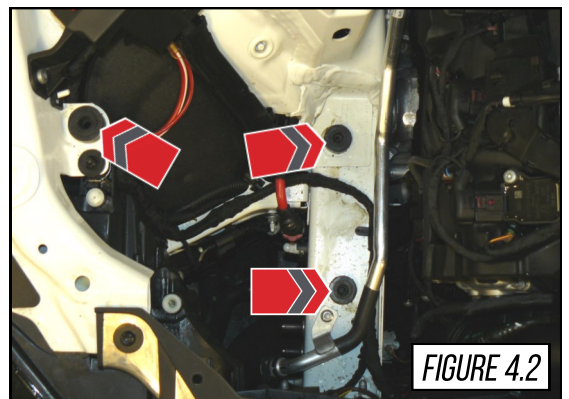
STEP 4

Gently lift upwards on the OEM intake box to remove it from the three (3) post mounts.

Check for any rubber grommets still attached to the posts on the box, as shown by the arrow in **Figure 4.1**; remove if still on factory intake box.



Place the grommets back into the original locations in the engine bay, as shown by the arrows in **Figure 4.2**.



STEP 5

Pre-assemble the AirGate™ carbon air box by installing the S-FLO filter, making sure the end with the smaller hole positioned onto the post inside the box, as shown by **Arrow A** in **Figure 5**.

Install the carbon turbo tube at the open end of the S-FLO filter and clock until all three (3) mount holes align. **Arrow B** in **Figure 5** shows the carbon turbo tube for the **A4**.

Use the included M5 washers and screws to secure the carbon turbo tube into position.

If the optional AirGate™ Lid has been purchased, install into position and secure with the remaining M5 washers and screws, as shown by **Arrow C** in **Figure 5**.



STEP 6

Install the included silicone coupler onto the carbon turbo tube referenced in **Step 5** using one of the included worm clamps, as shown by **Arrow A** in **Figure 6** on the **S4** intake.

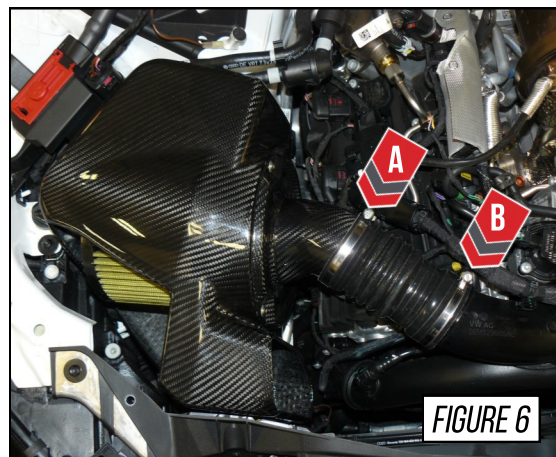
Place the assembly into the engine bay and align with the three (3) grommets that were referenced in **Step 4**.

Use the remaining worm clamp to install the outlet end of the silicone coupler onto the turbo inlet pipe, as shown by **Arrow B** in **Figure 6**.

Gently push downward on the corners of the intake box to affix the assembly into location. Gently tug upward to make sure the box is securely in place.

For A4 Installation:

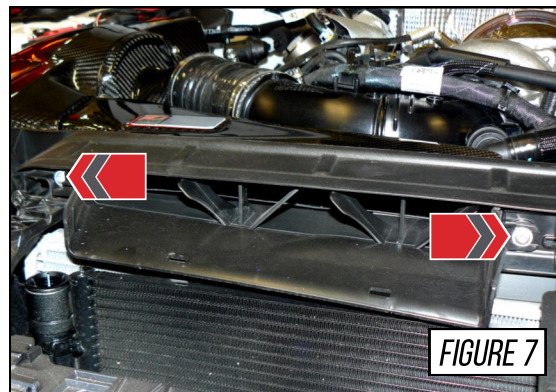
Connect the vacuum line from **Step 3** to the hard line on the **A4** carbon turbo tube.



STEP 7

Carefully align the carbon inlet with the intake box and the mounting locations shown by the arrows in **Figure 7**.

Reinstall the plastic screws that were removed in **Step 2** with the T25 torx driver, as shown by the arrows in **Figure 7**.



STEP 8

If the hood release lever is still installed, as recommended in **Step 1**, remove it in order to reinstall the upper radiator cover, as shown by **Arrow A** in **Figure 8**.

Reinstall the hood release lever, as shown by **Arrow B** in **Figure 8**.

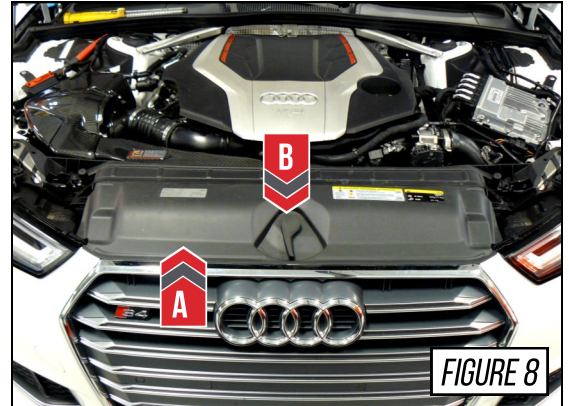
Reinstall the engine cover over the four (4) mount pins, make sure to push downward to properly secure the cover into position.

Installation is complete!

About the AirGate™ Lid:

Removing this panel will increase the presence of intake sounds that resonate from the turbo under boost.

Installing this panel shields the intake and filter from the higher air temperatures that are present in the engine bay while reducing the sounds that come from the intake.



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 **AirGate™ Carbon Intake** for the **2016+ Audi B9 S4/S5 3.0T, and A4/A5/allroad 2.0T (coming soon)** to the original retail purchaser (Consumer) against manufacturer's defects as follows: **ONE (1) YEAR on carbon fiber components, ONE (1) YEAR on air filter element;** 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.