

INSTALLATION GUIDE:
S-FLO CARBON INTAKE FOR RS3 AND TTRS

For up-to-date fitment information, please visit the product page on AWE-Tuning.com.

THIS GUIDE IS INTENDED FOR THE FOLLOWING PART NUMBERS:

2660-15150 AWE 4.5" S-FLO Closed Carbon Intake System for Audi RS 3 / TT RS

Welcome to the AWE family, and congratulations on your purchase of the AWE S-Flo Carbon Intake for the Audi RS3 and TTRS.

Exquisite build quality and craftsmanship, coupled with industry leading performance, distinguish this intake system from all others.

*For up to the minute fitment information, be sure to visit the AWE website. As always, AWE Performance Specialists are standing by for any questions, right here.

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PARTS LIST

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

AWE 4.5" S-FLO Closed Carbon Intake System

Arrow	QTY	Description	Part Number
A	1	2.5T filter tube	500031
B	1	4.5in cone filter	400013
C	1	Filter mounting plate	120028
D	1	Flex coupler 4.5in	300008
E	1	2.5T turbo inlet tube	500030
F	1	Turbo coupler	500007
G	1	2.5T air box housing	500032
H	3	100-120 worm drive clamp	5574K25
I	1	110-130 worm drive clamp	5574K26
J	7	Carbon tube bolts	94500A231
K	3	Over sized washer	91116A150
L	4	#10 washer	96659A104
M	2	M5 flat washer	93475A240
N	2	M4x12x0.7 bolt	91292A117
	1	Cable tie	7130K59



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PARTS LIST

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AWE DV Adapter Kit for 2019+ Models

Letter	QTY	Description	Part Number
A	1	2019+ 2.5T DV adaptor	150006
B	1	Oil-resistant soft buna-n O-rings, 1/16 fractional width	2418T121
C	1	Oil-resistant soft buna-n O-rings, 3/32 fractional width	2418T145
D	2	Worm-drive clamps, 5/16" band width, 24-38mm clamp ID	5388K24
F	1	1" ID black high temp reinforced silicone heater hose - 8.75”	HTHH-100-BLK



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NOTE: Always refer to the manufacturer's service manual for precise torque specifications on all OEM fasteners.

CAUTION: The engine may be **VERY HOT —** allow adequate time for the system to cool down before disassembly. Severe burns and injury will occur if skin comes into contact with a hot engine.

STEP 1

Begin by removing the engine cover by carefully pulling it upward, as seen in **Figure 1-1** and **1-2.**



FIGURE 1-1

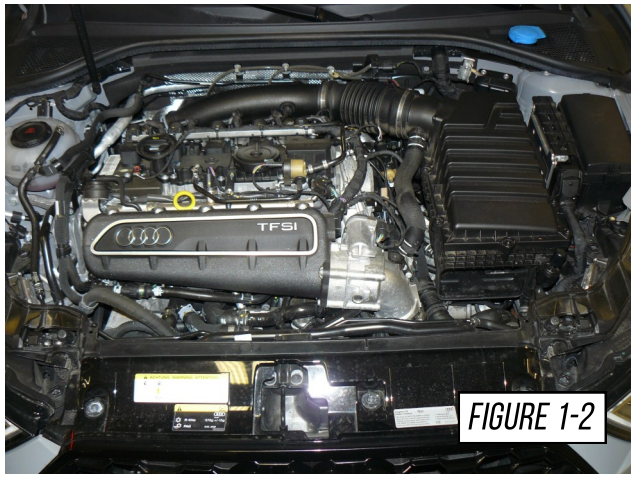


FIGURE 1-2

STEP 2

Remove the OEM inlet duct, by removing the 2 screws pointed out in **Figure 2-1**, then carefully push it towards the engine and remove it from the vehicle, shown in **Figure 2-2**.

Note: These screws will not be reused with the AWE carbon inlet duct.



FIGURE 2-1

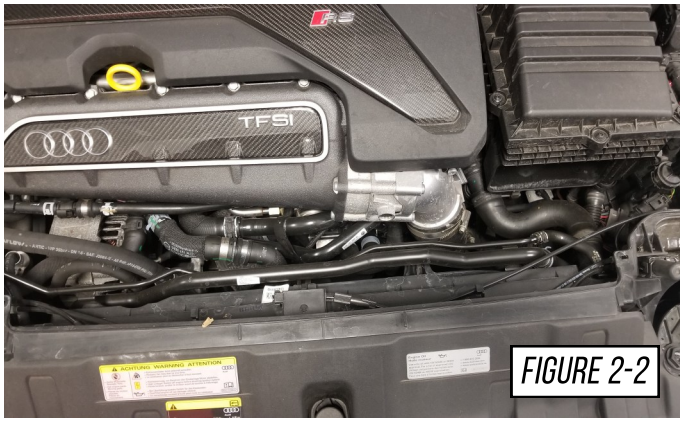


FIGURE 2-2

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STEP 3

Loosen the 2 hose clamps holding the OEM intake hose in place, shown in **Figure 3-1**, then carefully remove the intake hose from the intake, shown in **Figure 3-2**.

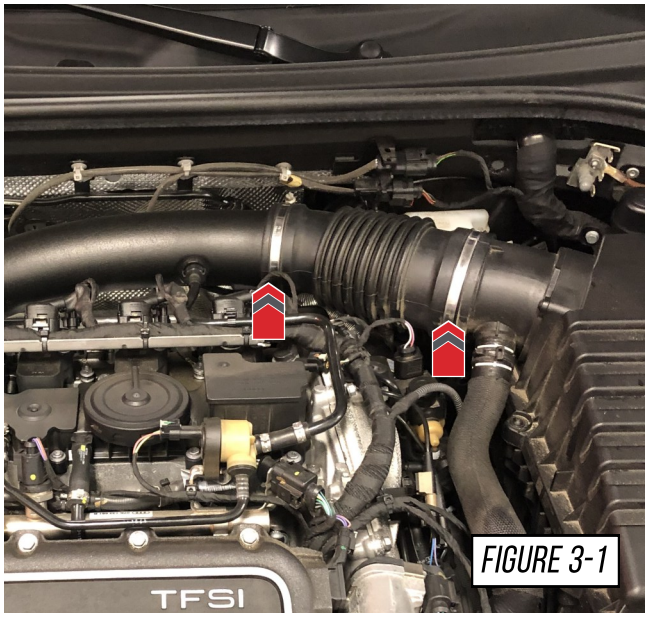
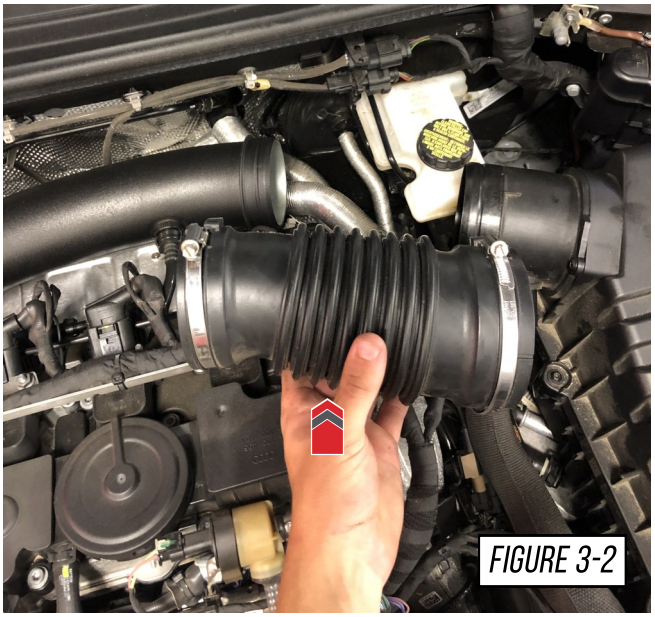


FIGURE 3-1


FIGURE 3-2

STEP 4

Pre-2018 model only.

Remove the hose from the OEM intake, pointed out in **Figure 4-1**. To remove, squeeze the clamp tabs together and wiggle the hose off, shown in **Figure 4-2**.

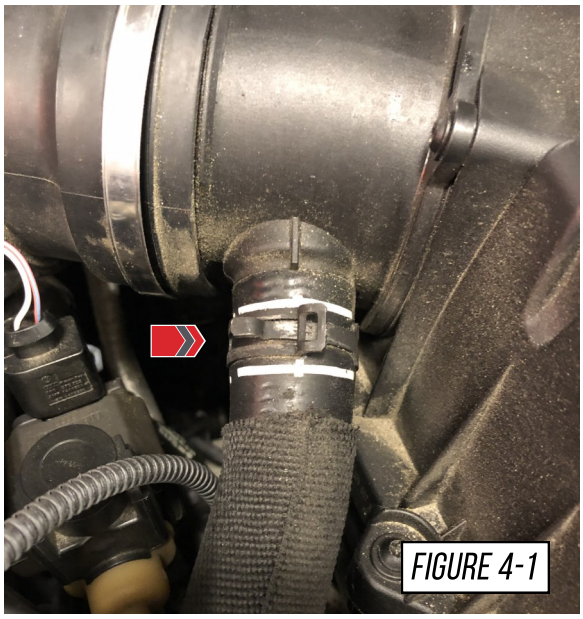

FIGURE 4-1


FIGURE 4-2

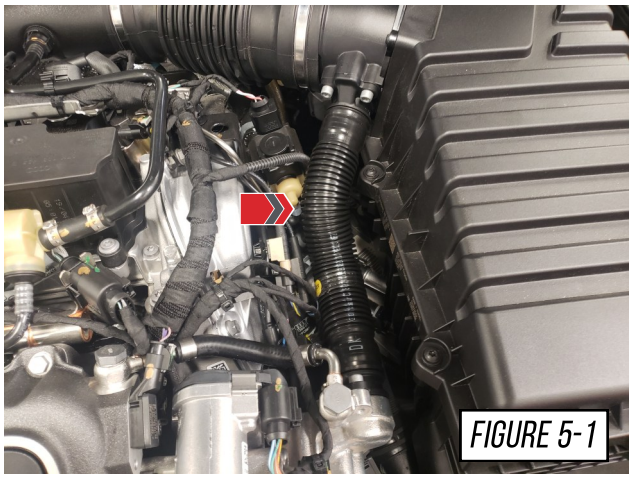
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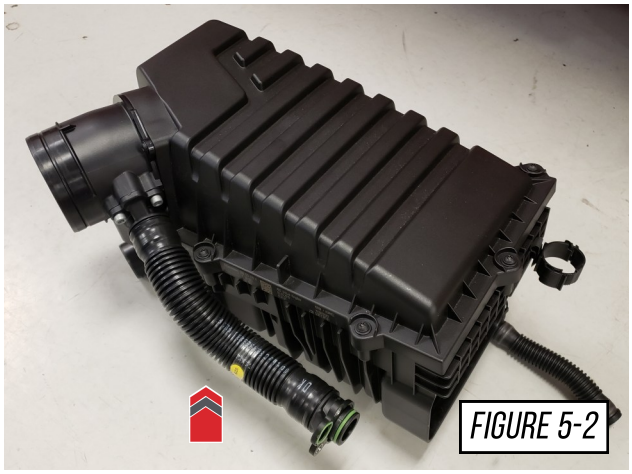
STEP 5

2019+ model only.

Remove the 2 bolts on the engine side of the OEM diverter valve hose, shown in **Figure 5-1.** This will allow the diverter valve hose to be removed with the OEM intake, shown in **Figure 5-2**.

Note: These 2 bolts will be reused in the install of your AWE diverter valve.

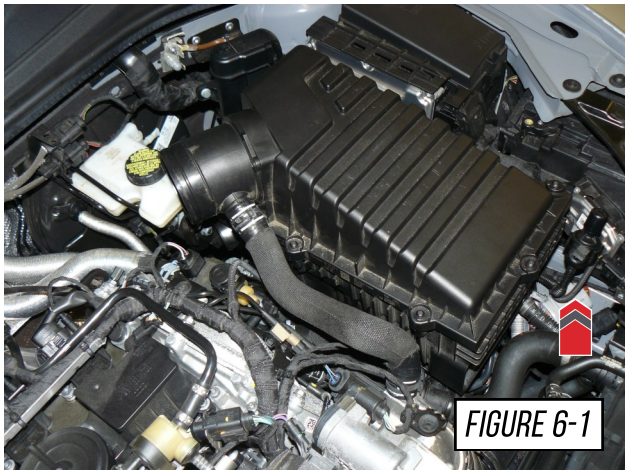

FIGURE 5-1


FIGURE 5-2

STEP 6

Remove the OEM air intake box, shown in **Figure 6-1**, by first detaching the sensor at the front of the air box, then pulling it upwards detaching it from the OEM rubber mounting grommets below the air box, shown in **Figure 6-2**.

Note: These 3 rubber grommets, these will be reused with the AWE intake system.


FIGURE 6-1

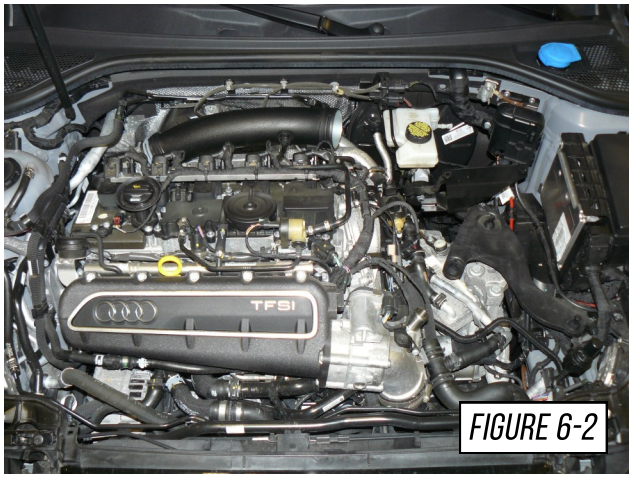


FIGURE 6-2

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STEP 7

Remove the OEM intake tube by first removing the attached hose by pinching the connecting tabs (**A**) and pulling it off. Remove the bolt at the bottom of the tube (**B**), the head of the bolt faces the firewall, both shown in **Figure 7-1.** Next squeeze the hose clamp and pull the intake tube off of the turbo inlet, shown in **Figure 7-2**.

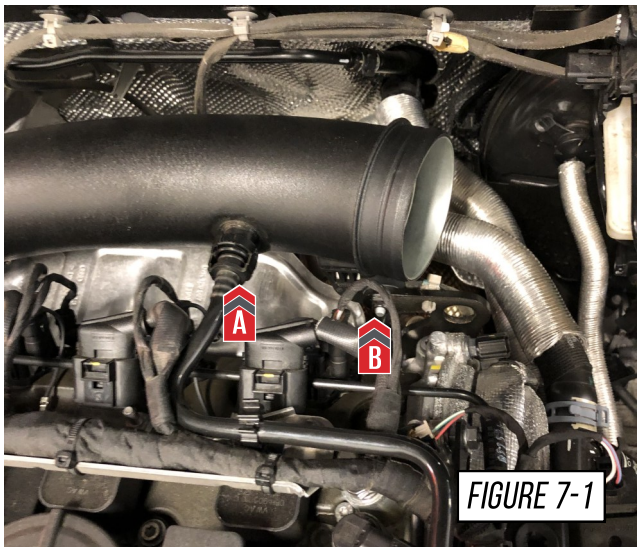
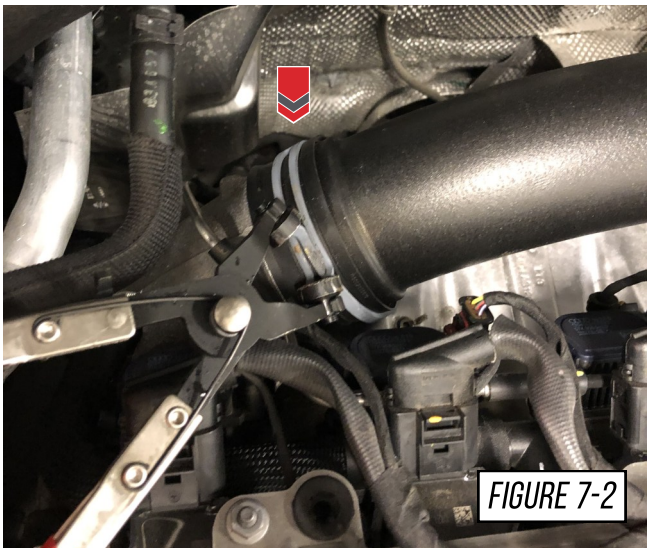


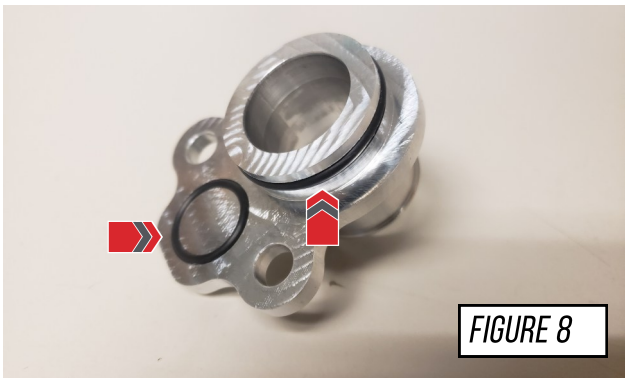
FIGURE 7-1


FIGURE 7-2

STEP 8

2019+ model only.

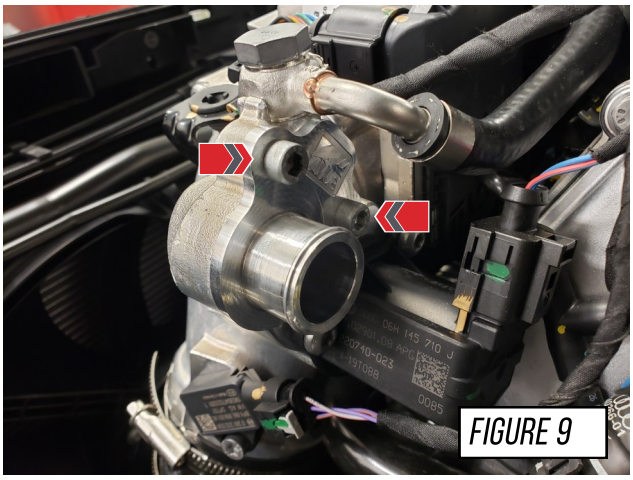
Gather the AWE diverter valve adapter and the 2 O-rings provided, and install these onto the diverter valve, as shown in **Figure 8**.


FIGURE 8

STEP 9

2019+ model only.

With the O-rings installed onto the adapter, install it into the OEM location, and reinstall the 2 OEM bolts removed earlier, shown in **Figure 9.**


FIGURE 9

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STEP 10

Install the AWE turbo inlet coupler to the 4.5” AWE intake tube with the supplied 100-120 worm drive clamp, shown in **Figure 10**.


FIGURE 10

STEP 11

Install the 4.5” AWE intake tube to the turbo inlet using the OEM hose clamp (**A**), reattach the plastic line (**B**), and reinstall the OEM bolt (**C**), as shown in **Figure 11**.

Note: The OEM black plastic line (**B**) will not reuse the factory clip, due to the increased carbon tube size, use a supplied cable tie to secure the line (**D**)

Carful to not overtighten the hardware, as carbon could crack.

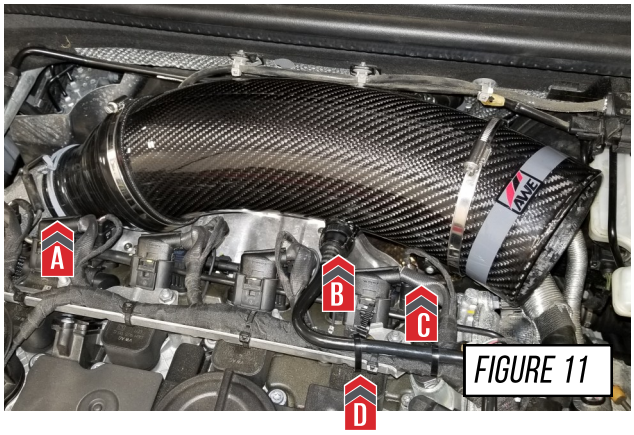


FIGURE 11

STEP 12

Slide the supplied 4.5” silicone flex coupler hose with the 2 supplied 100-120 worm drive clamp, as shown in **Figure 12.**

Note: Do not tight hose clamps at this point.

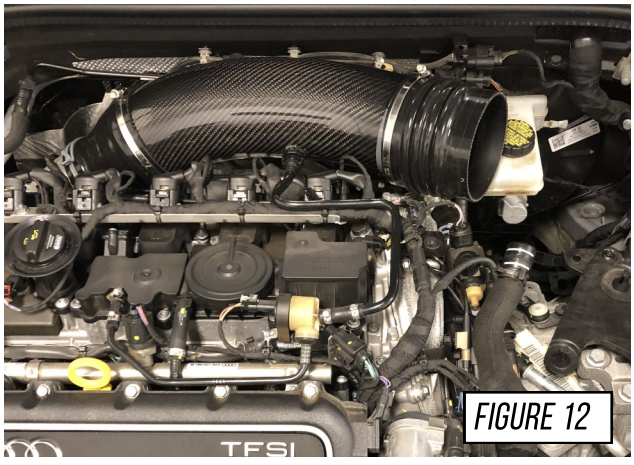


FIGURE 12

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STEP 13

Gather the AWE mounting bracket and push in the 3 OEM rubber mounting grommets, as shown in **Figure 13**.

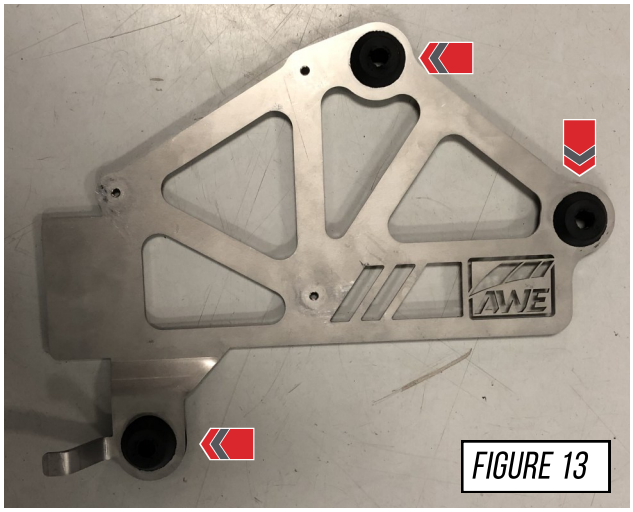
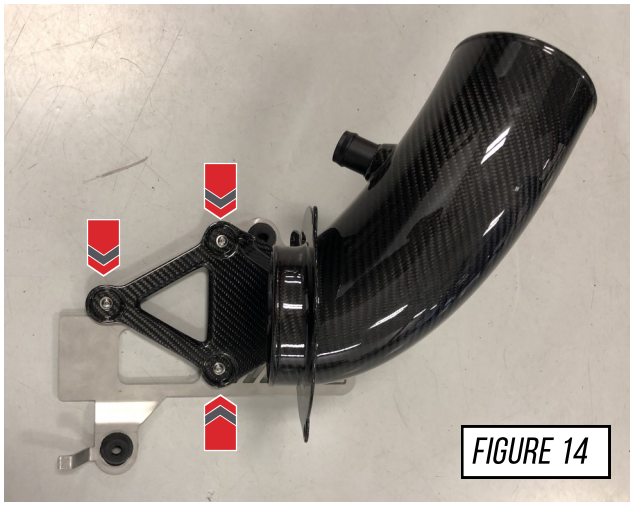


FIGURE 13

STEP 14

Secure the AWE carbon intake tube onto the AWE mounting bracket, with the 3 supplied screws and oversized washers, as shown in **Figure 14**.

Carful to not overtighten the hardware, as carbon could crack.


FIGURE 14

STEP 15

Install the AWE air filter onto the AWE intake tube and tighten the 110-130 hose clamp, as shown in **Figure 15**.

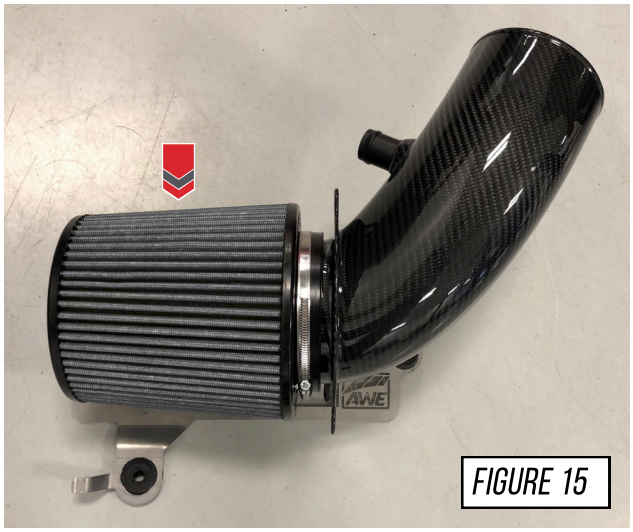


FIGURE 15

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STEP 16

Gather the AWE air filter section and the AWE carbon fiber inlet section. Slide the inlet section over the filter, as shown in **Figure 16.**

Note: Do not install the 4 screws that attach the 2 sections, this allows for easier installation.


FIGURE 16

STEP 17

Install the AWE carbon fiber inlet and filter section, carefully maneuver the inlet duct into the factory location and aligning the silicone flex hose to the carbon fiber filter tube. Ensure you get the 3 OEM rubber grommets to press into the mounting tabs, as seen in **Figure 17.**

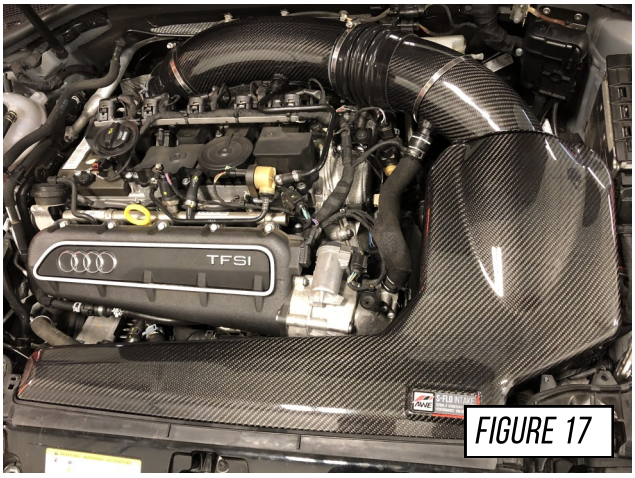
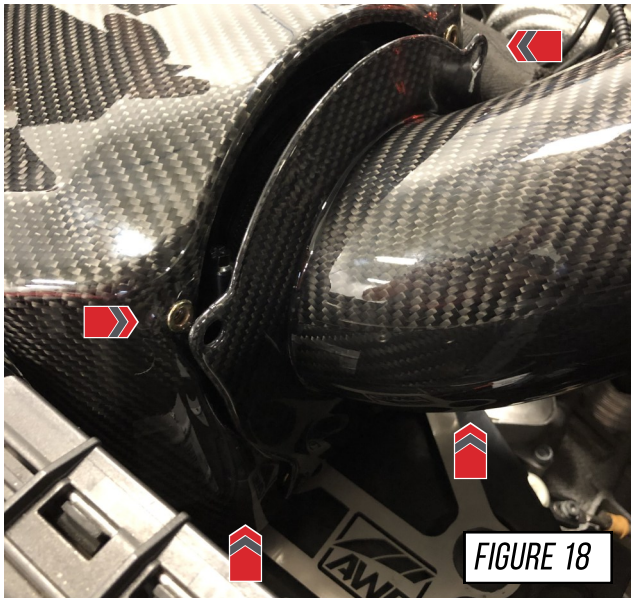


FIGURE 17

STEP 18

With the intake in the correct place, install the 4 supplied screws and regular washers, into the back of the filter section, as shown in **Figure 18**.

Careful not to over tighten hardware, as carbon could crack.

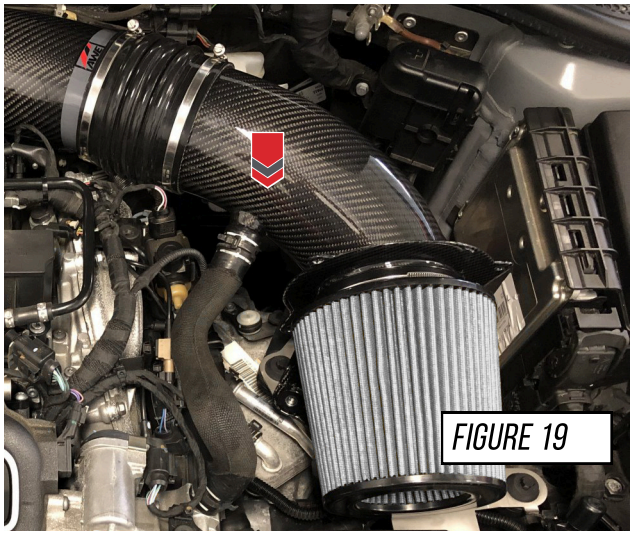

FIGURE 18

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STEP 19

Pre-2018 only.

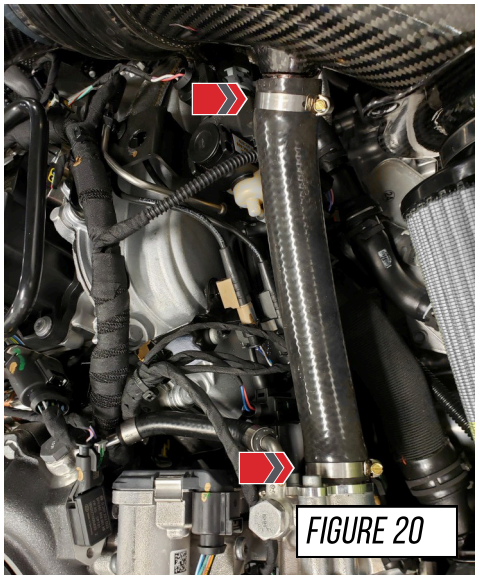
Reinstall the hose and clamp removed earlier, as shown in **Figure 19**.



STEP 20

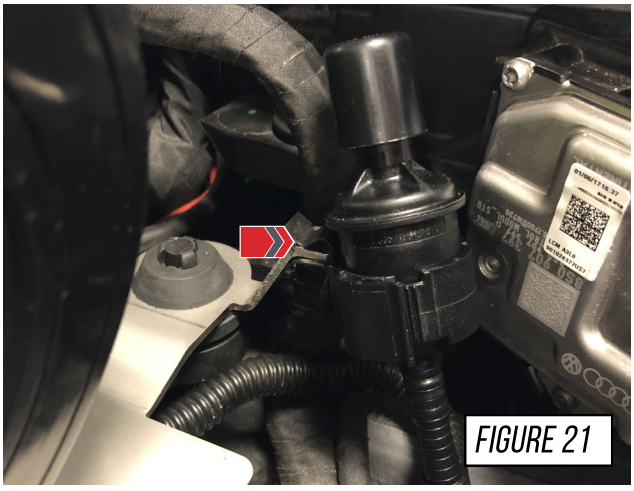
2019+ model only.

Install the provided hose and hose clamps, shown in **Figure 20**.



STEP 21

Clip the OEM sensor onto the AWE mounting plate shown in **Figure 20**.



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STEP 22

Align the silicone flex hose and tighten the 2 hose clamps, as shown in **Figure 22**.

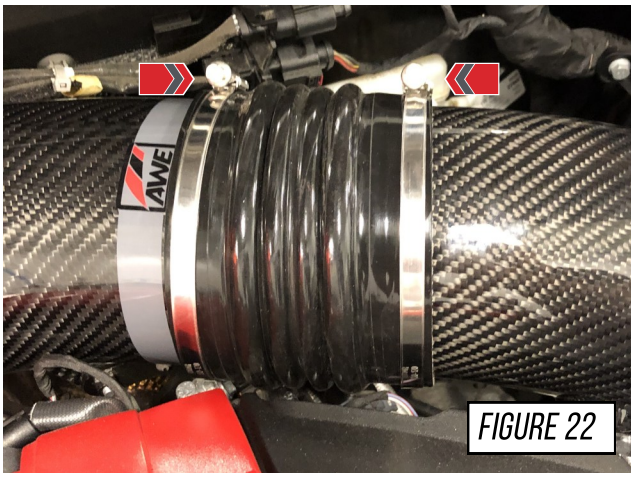


FIGURE 22

STEP 23

Install the supplied hardware into the AWE carbon inlet duct.

Note: Use the supplied hardware.

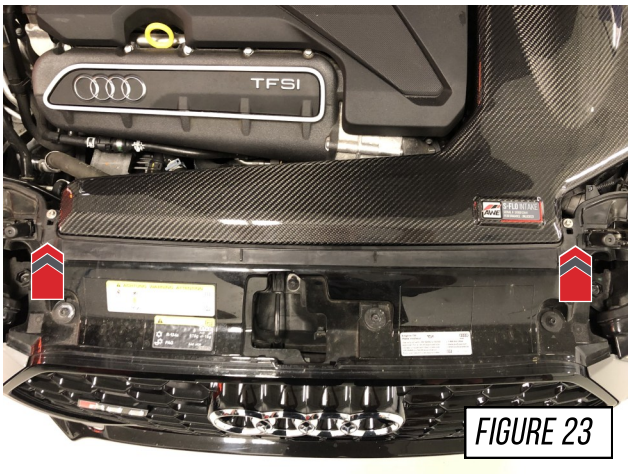


FIGURE 23

STEP 24

Reinstall the OEM engine cover by pressing it back into place, as shown in **Figure 24**.

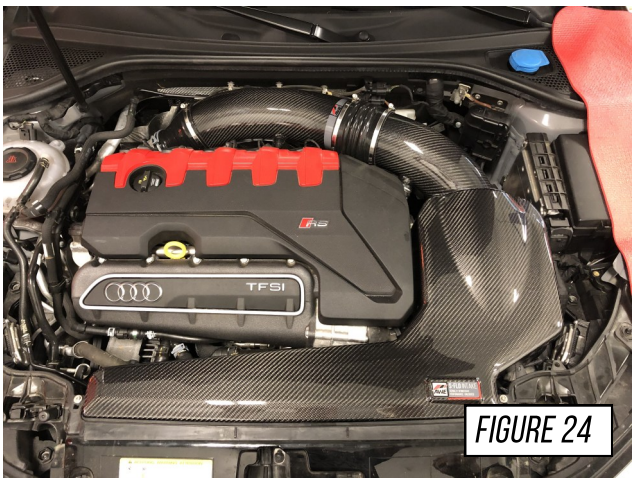


FIGURE 24

ENJOY!

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TROUBLESHOOTING

Issue	Solution
Wrong or missing parts	Double check the parts list for your system and compare them with what you received. Fill out our contact form, found below and let us know what parts you need.
Check engine light	Make sure all hoses are reinstalled and are all secure.

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

215-658-1670
CONTACT FORM

WARRANTY

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

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