These instructions are intended for the following part numbers:
2660-15118 and 2660-15019



AWE 2020+ TOYOTA SUPRA S-FLO CARBON FIBER INTAKE INSTALLATION GUIDE:

Vehicle Fitment:

- *2020+ GR Toyota Supra*

Thank you for purchasing the **AWE 2020+ GR Toyota Supra Carbon Fiber Intake**

Exquisite build quality with industry leading performance distinguish this intake kit from all others.

Installation questions?
CONTACT US

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

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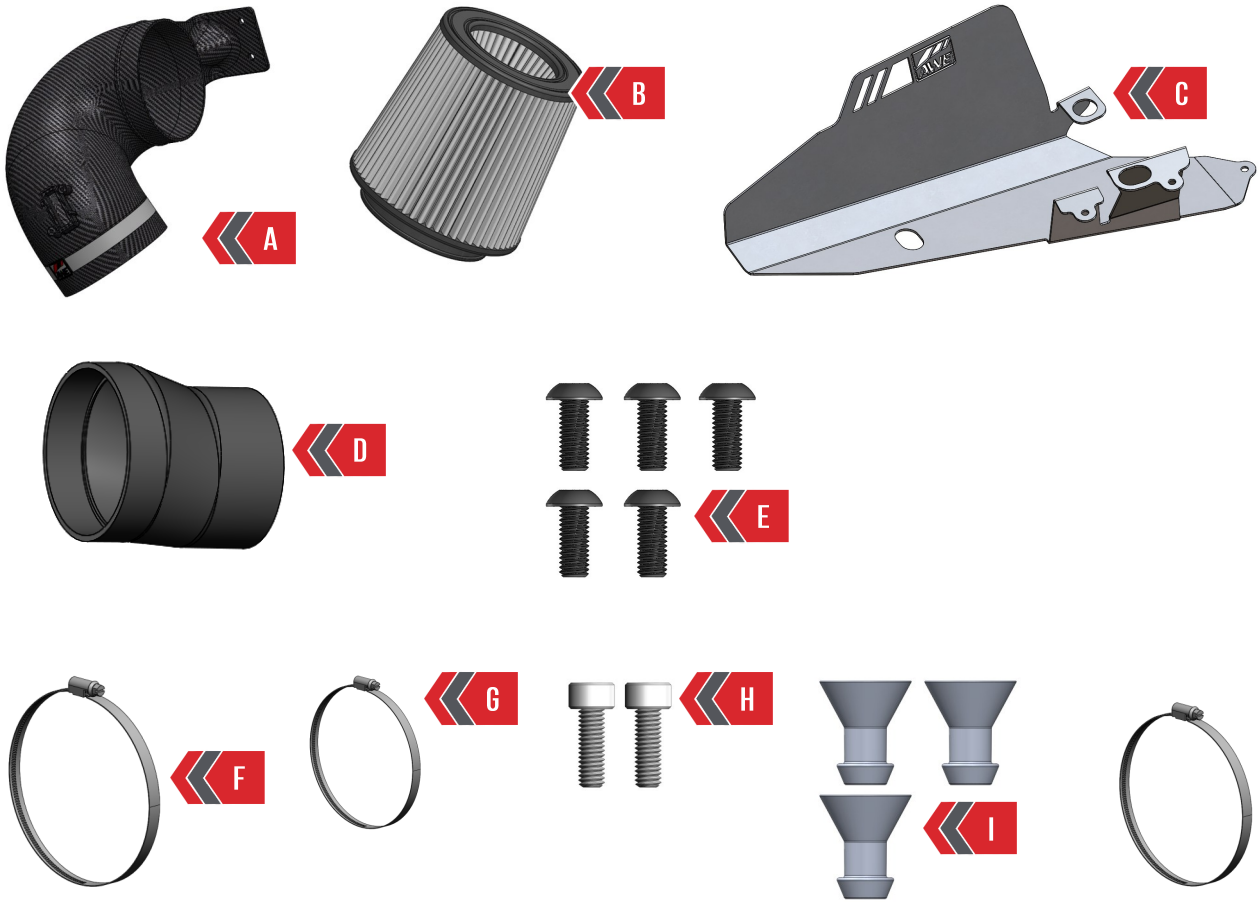
PARTS LIST

Inspect **ALL** parts prior to disassembly of vehicle; If damaged **OR MISSING**, please contact the place of purchase immediately.

Arrow	QTY	Description	Part Number
AWE S-FLO Carbon Intake 2660-15018			
A	1	Supra intake tube	500036
B	1	Inverted air filter, 4.5” inlet	400013
C	1	Intake bracket	110065
D	1	4in turbo inlet coupler	300012
E	5	M5 X 0.8 Bolts	94500A231
F	1	110-130 worm drive clamp	5574K26
G	1	90-110 worm drive clamp	5574k24
H	2	Socket head screw M4 x 12 x 0.7	91292A117
I	3	Intake mount post	200005
J	1	100-120 worm drive clamp	5574k25



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Arrow	QTY	Description	Part Number
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H	1	100-120 worm drive clamp	5574k25
I	2	Socket head screw M4 x 12 x 0.7	91292A117
J	3	Intake mount post	200005
K	1	Supra intake lid	500035
	1	S-FLO intake serial tag	AGB001
L	3	Rubber air box grommet	OE036129689B
M	1	CC spacer	Z260029-SS



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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

A91 Only

Begin by removing the chassis brace that crosses over the intake, as shown in **Figure 1.**



FIGURE 1

STEP 2

Next remove the engine cover by carefully pulling it upward, shown by arrow in **Figure 2.**

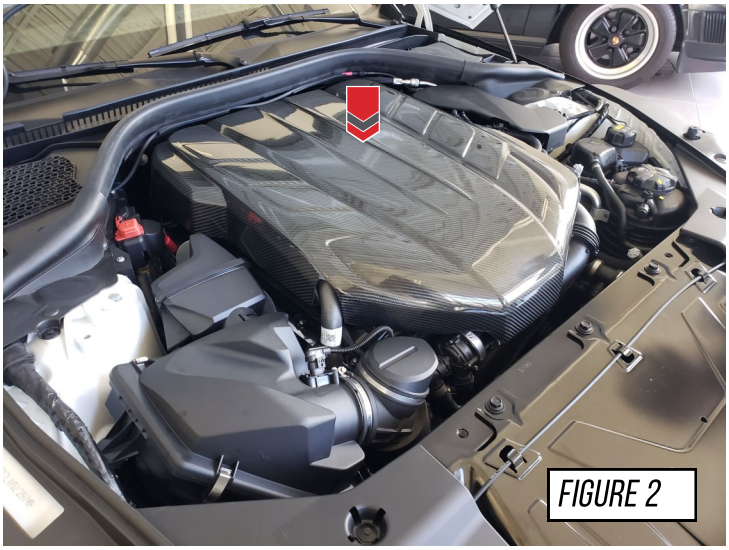

FIGURE 2

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STEP 3

Next unplug the OE MAF, by carefully pulling the grey lock tab up (**A**), as shown in **Figure 3-1**. Then squeeze and pull the plug to detach (**B**), as seen in **Figure 3-2.**

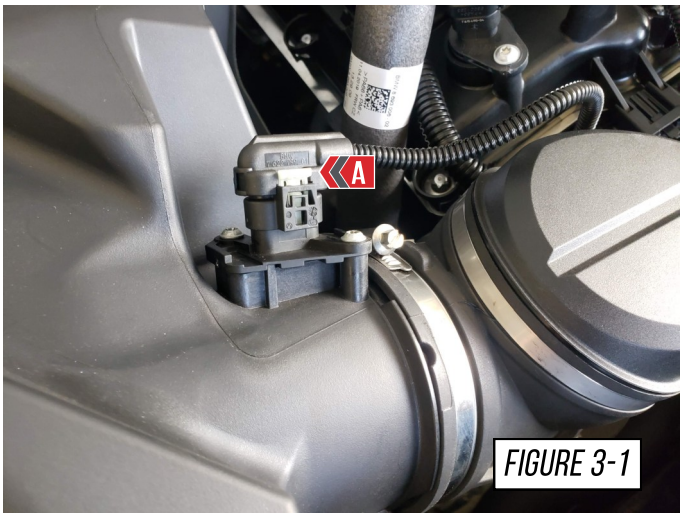

FIGURE 3-1

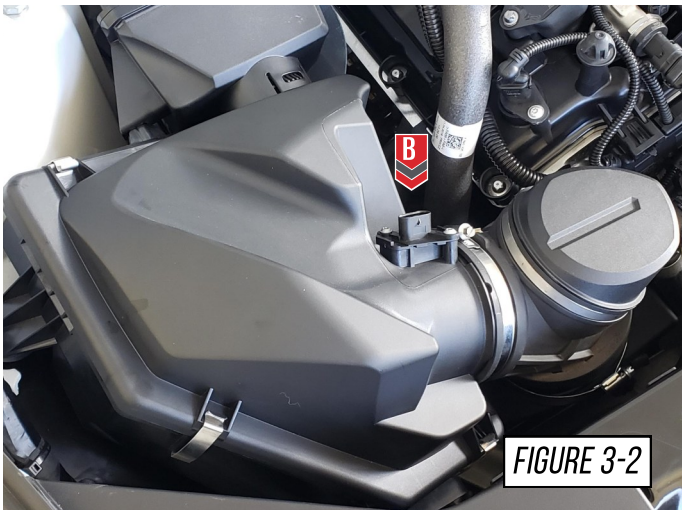

FIGURE 3-2

STEP 4

Loosen the lower hose clamp on the OE rubber flex hose, as shown in **Figure 4**.

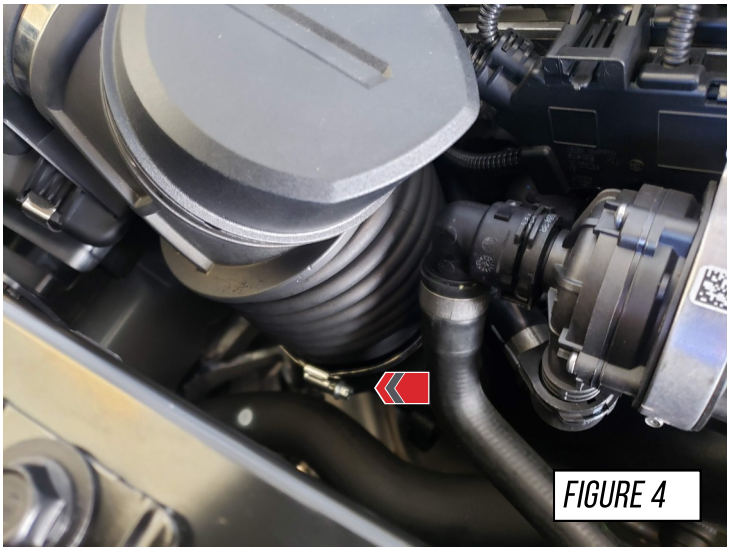
FIGURE 4

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STEP 5

Carefully pull the OE air box up and out of the car, detaching the 3 rubber mounts from the air box.

Reuse the 3 OE rubber mounts for your AWE intake install.

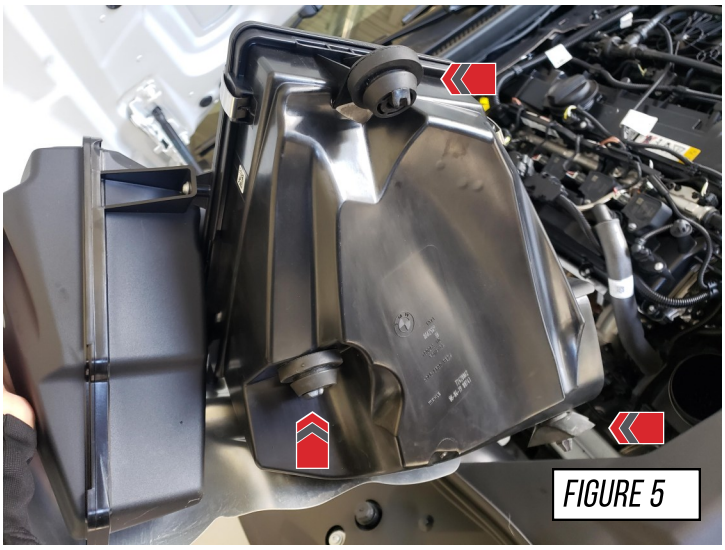
FIGURE 5

STEP 6

Gather your AWE aluminum heat shield and the 3 mounting posts. Using supplied hardware attach the post to heat shield, as shown in **Figure 6**.

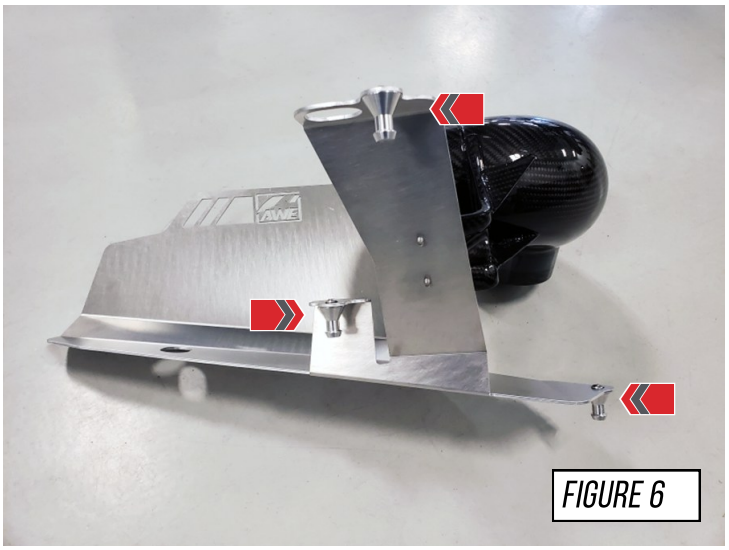
FIGURE 6

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STEP 7

Remove the MAF sensor from the OE air box and install the sensor into the AWE carbon intake tube, as shown in **Figure 7-2**.

Note: Use the supplied hardware.

MAF sensor will only fit in 1 way.



FIGURE 7-1

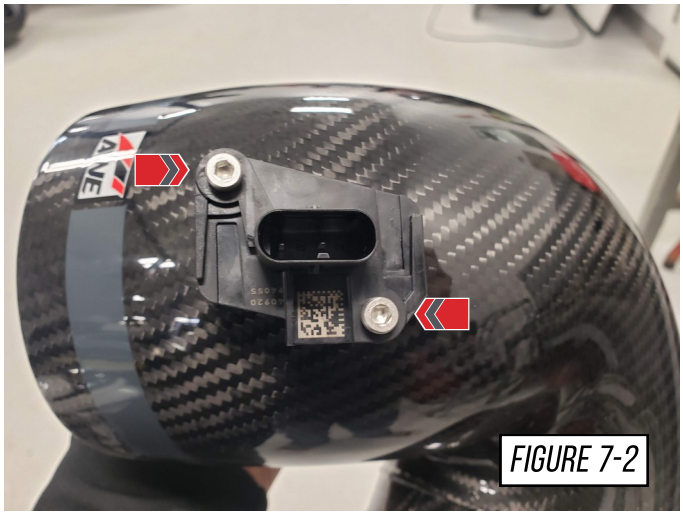

FIGURE 7-2

STEP 8

Use the 2 provided bolts to secure the AWE carbon intake tube to the AWE heat shield, as shown in **Figure 8**.

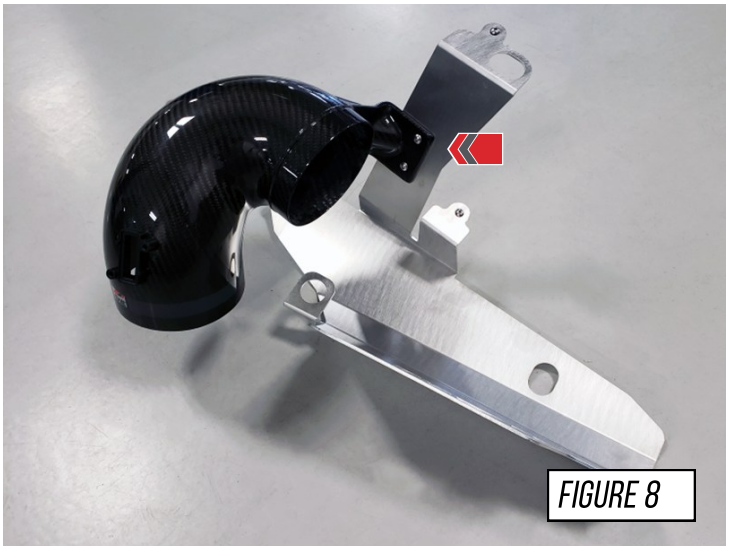

FIGURE 8

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STEP 9

Install the air filter onto the AWE carbon intake tube using the 110x130 worm drive clamp, as shown in **Figure 9.**

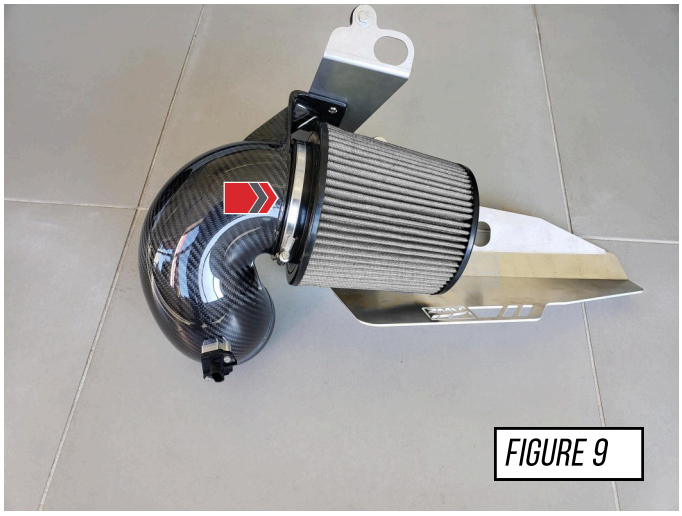

FIGURE 9

STEP 10

Reinstall the 3 OE rubber air box mounts. The 2 round mounts (**A**) squeeze and push into place, as shown in **Figure 10-1**. The 3rd mount (**B**) has a notch for the frame rail, as shown in **Figure 10-2.**

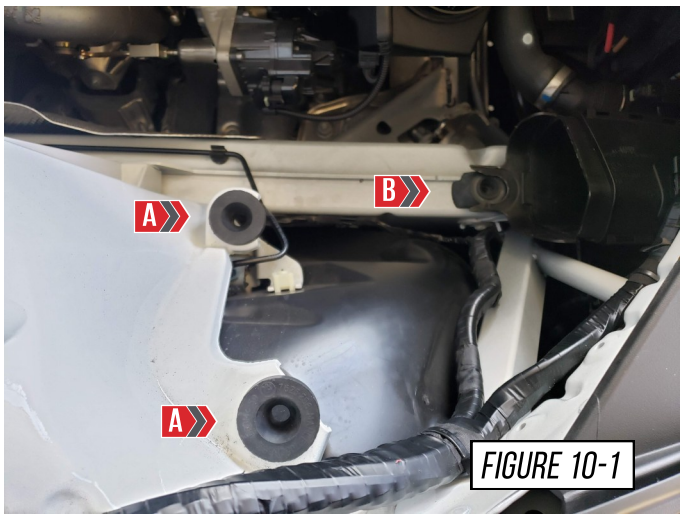

FIGURE 10-1

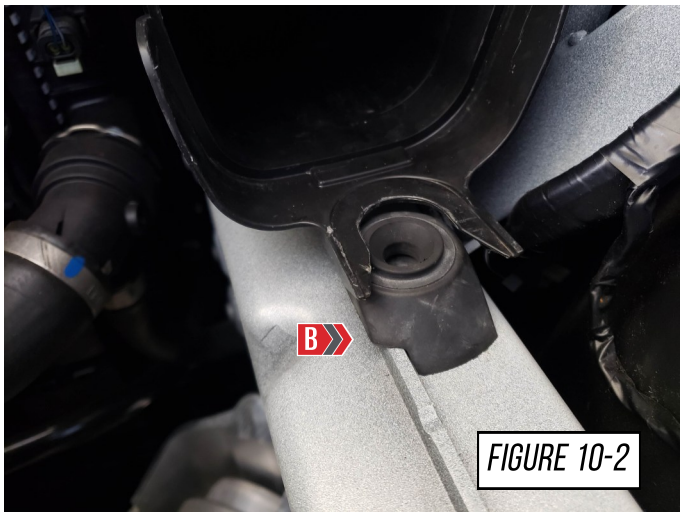

FIGURE 10-2

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STEP 11

Install your AWE silicone inlet coupler by positioning the smaller side of the hose (**A**) using the 90x110 clamp onto the OE turbo inlet, as shown in **Figure 11-2**.

The larger side (**B**) of the silicone hose is offset, position the belly of hose in the direction of (**C**) shown in **Figure 11-2**.

Note: Place 100x120 hose clamp over the hose for the filter side.

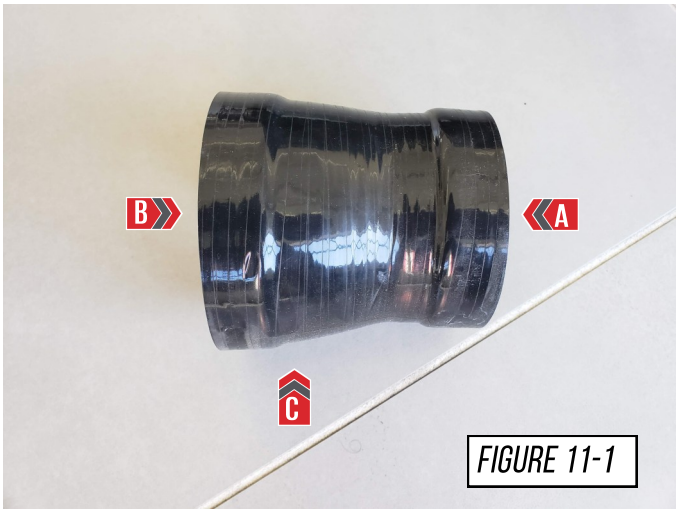

FIGURE 11-1

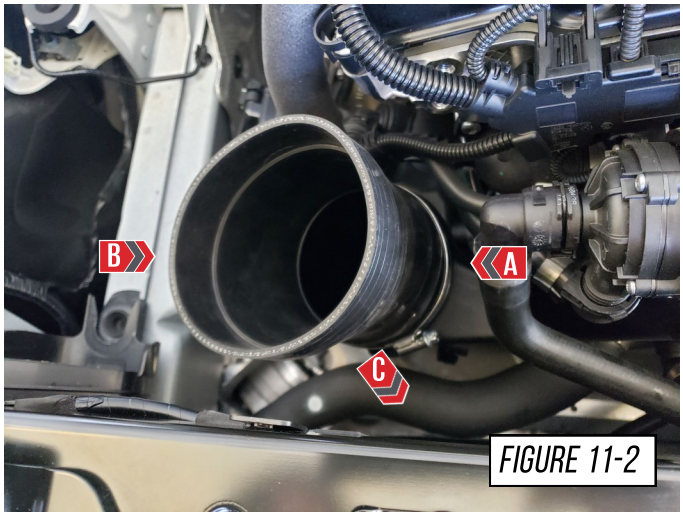

FIGURE 11-2

STEP 12

Start Install your AWE intake assembly, by angling the back of the heat shield under the wires and towards the header (**A**.)

Then align the 3 mounting posts and the carbon tube to the coupler.

With all parts of the assembly in place push down and ensure the 3 mounting posts are fully seated in place.



FIGURE 12

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STEP 13

Push the carbon fiber tube into the silicone coupler, ensure the 2 are fully pressed together and tighten the 2 hose clamps (**A**).

Next, plug in the MAF sensor and lock the grey tab (**B**), as shown in **Figure 13**.

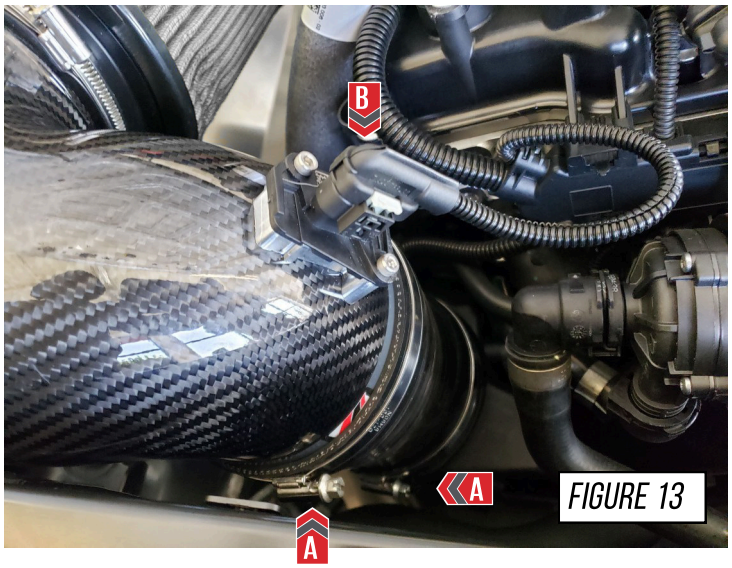

FIGURE 13

STEP 14

A91 w/o AWE Cover ONLY

Reinstall the OE chassis brace, with the OE hardware removed earlier, as shown in **Figure 14.**

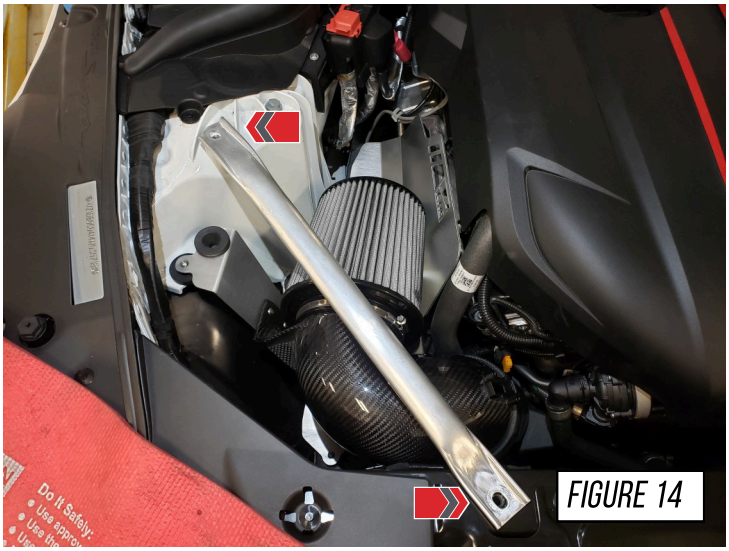
FIGURE 14

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IF NOT INSTALLING AWE CARBON FIBER LID, SKIP TO STEP 18

STEP 15

Install the 3 supplied round rubber mounting grommets, as shown in **Figure 15**.

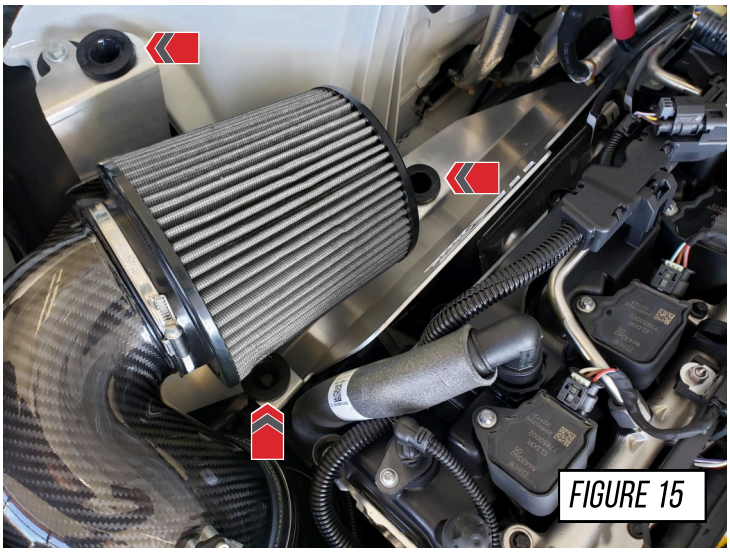

FIGURE 15

STEP 16

Install your AWE intake lid by carefully sliding it down into place, taking extra care not to damage the air filter.

Push the 3 mounting posts into the rubber mounts, as seen in **Figure 16**.

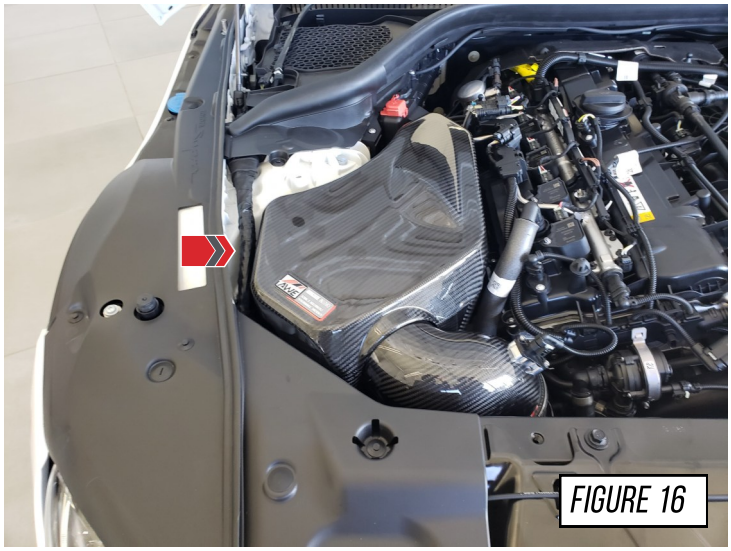

FIGURE 16

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STEP 17

A91 Only

Reinstall the OE chassis brace removed earlier (**A,**) with the supplied spacer (**B**) and OE hardware (**C,**) as seen in **Figure 16**.

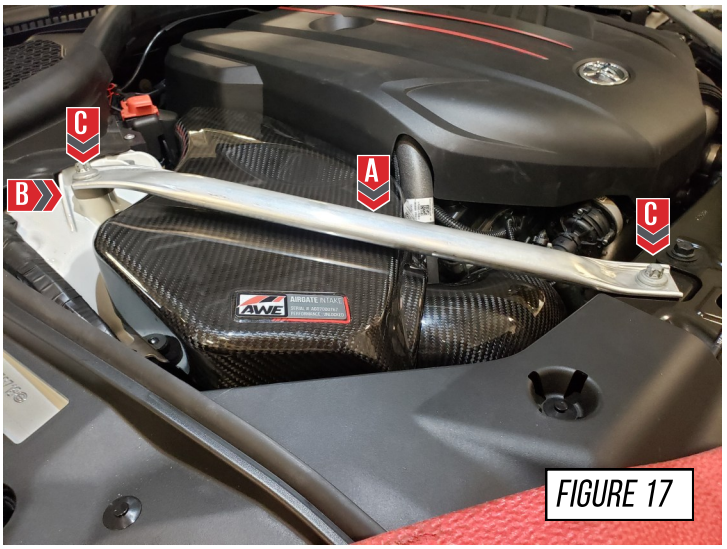

FIGURE 17

STEP 18

Reinstall the OE engine cover removed earlier, as seen in **Figure 18**.

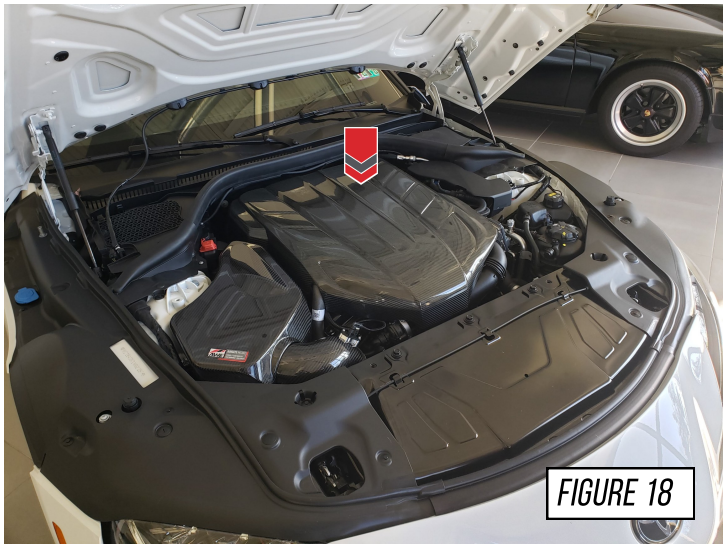
FIGURE 18

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.

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**.

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