

These instructions are intended for the following part numbers:
2660-15021 and 2660-15023



AWE A90 TOYOTA SUPRA S-FLO CARBON FIBER INTAKE INSTALLATION GUIDE:

Vehicle Fitment:

- A90 Toyota Supra

Thank you for purchasing the **AWE A90 Toyota Supra Carbon Fiber Intake**

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

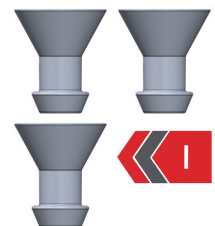
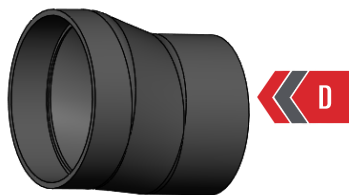
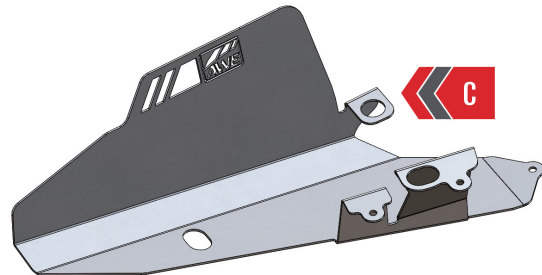
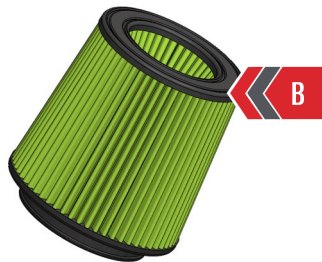
Installation questions?
CONTACT US

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 2660-15021			
A	1	A90 Supra intake tube	500036
B	1	Inverted air filter, 4.5" inlet	400002
C	1	Intake bracket	110059
D	1	4in turbo inlet coupler	300011
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



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G	1	90-110 worm drive clamp	5574k24
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
AWE S-FLO Carbon Intake Lid 2660-15023			
K	1	Supra intake lid	500035
	1	S-FLO intake serial tag	AGB001
L	3	Rubber air box gromet	OE036129689B





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 shown in **Figure 1**.

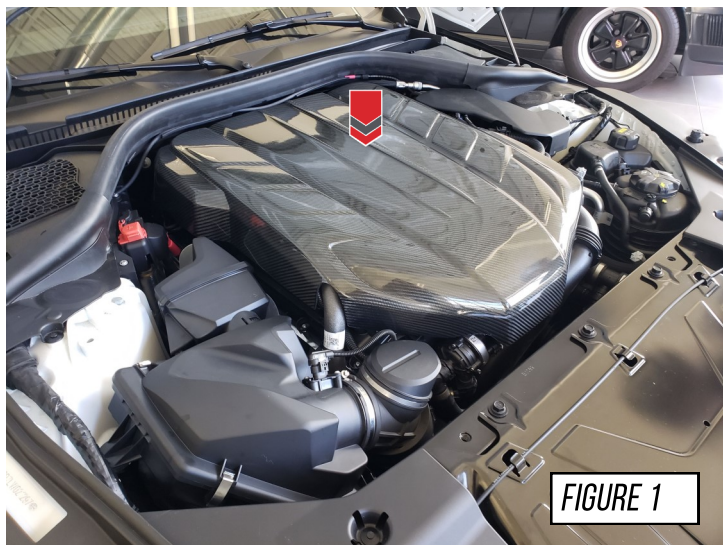


FIGURE 1

STEP 2

Unplug the MAF, carefully pull the grey lock tab up (**A**), as shown in **Figure 2-1**. Then squeeze and pull the plug to detach, as seen in **Figure 2-2**.

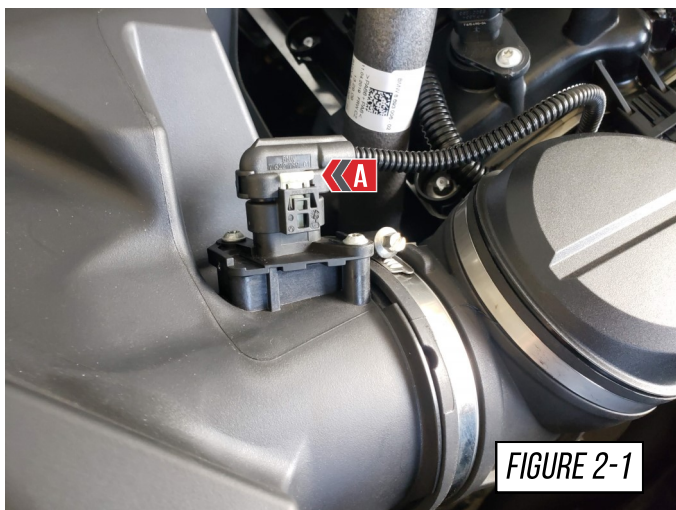


FIGURE 2-1

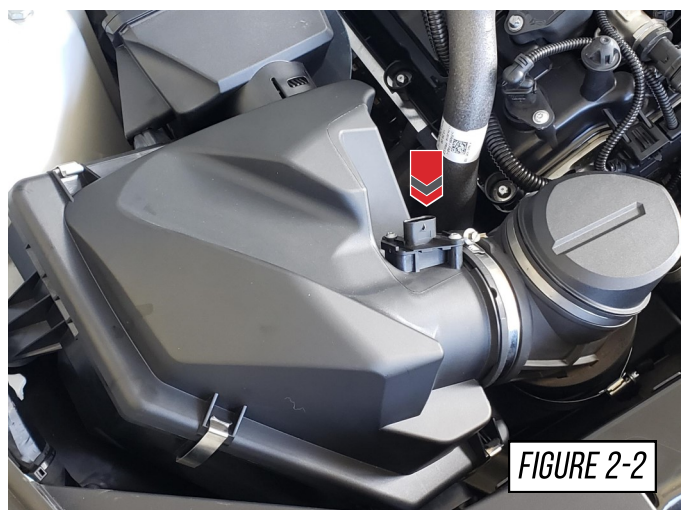
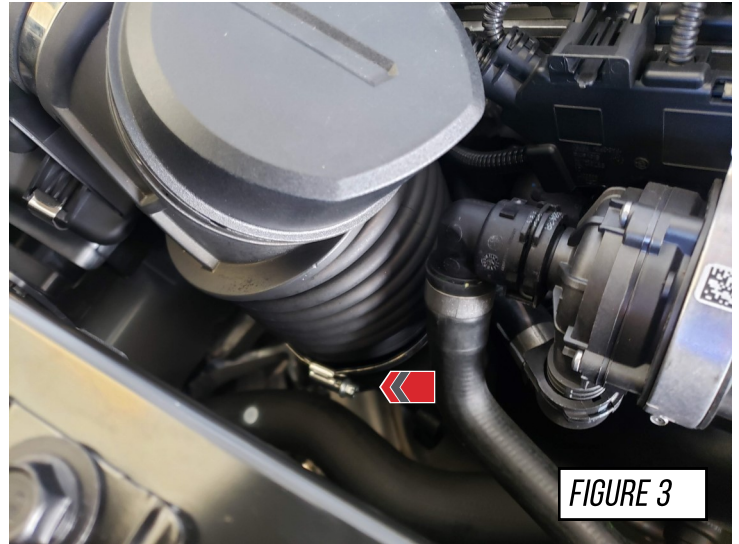


FIGURE 2-2


STEP 3

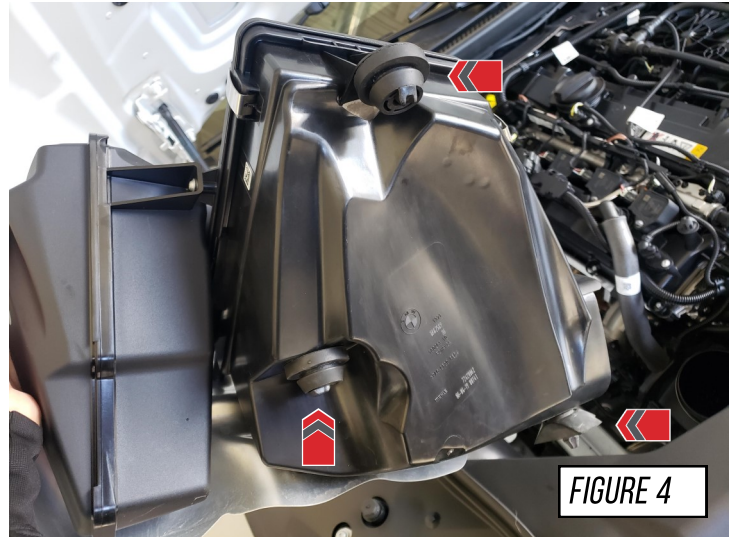
Loosen the lower hose clamp on the OE rubber flex hose, as shown in **Figure 3**.



STEP 4

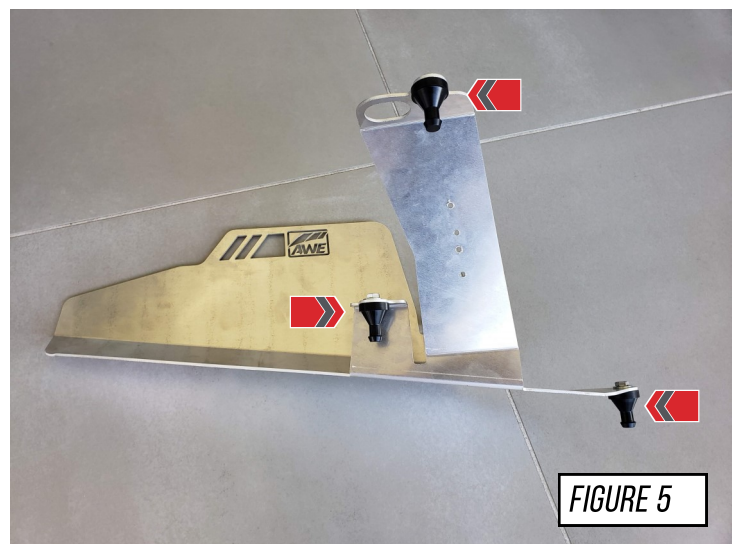
Carefully pull the OE air box up and out of the car, detaching the 3 rubber mounts from the air box.

 Reuse the 3 OE rubber mounts for the AWE install.



STEP 5

Gather the AWE aluminum heat shield and install the 3 mounting posts using supplied hardware, as shown in **Figure 5**.



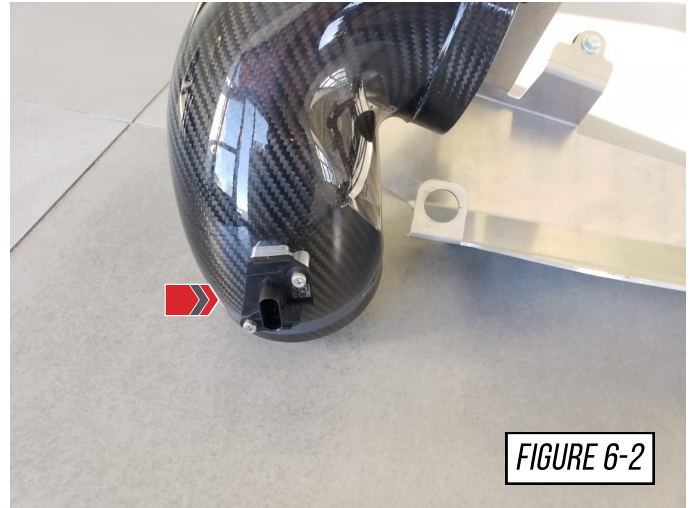
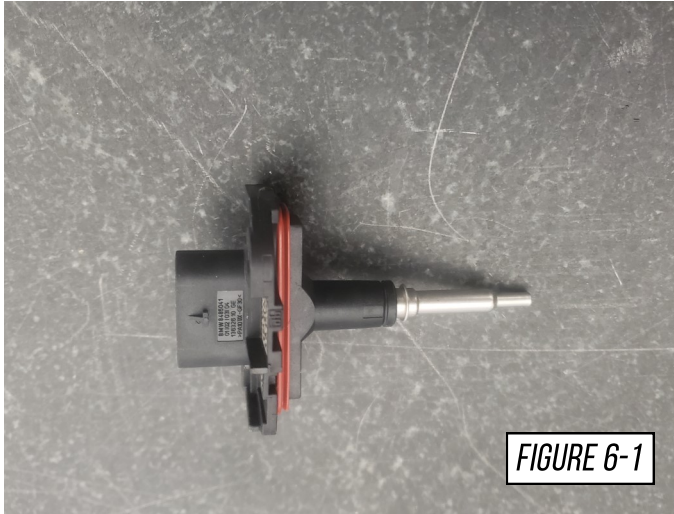
STEP 6

Remove the MAF sensor from the OE air box and install the sensor into the AWE carbon intake tube, as shown in **Figure 6-2**.

Note: Use the supplied hardware.

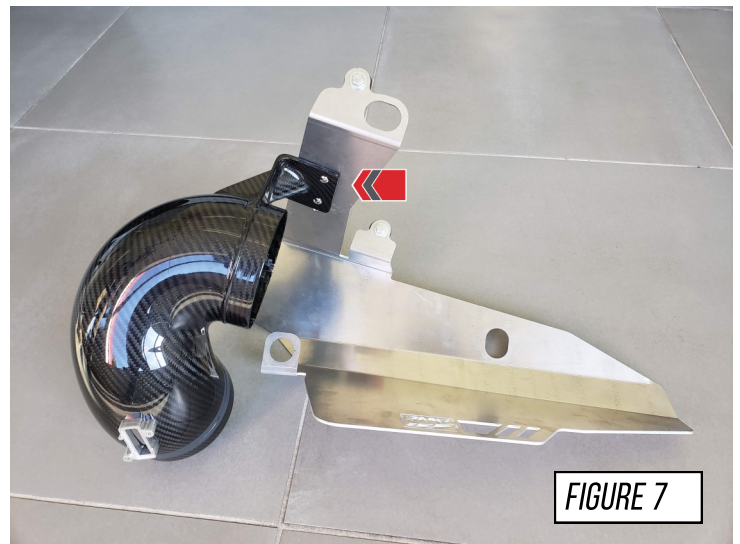


MAF sensor will only fit in 1 way.



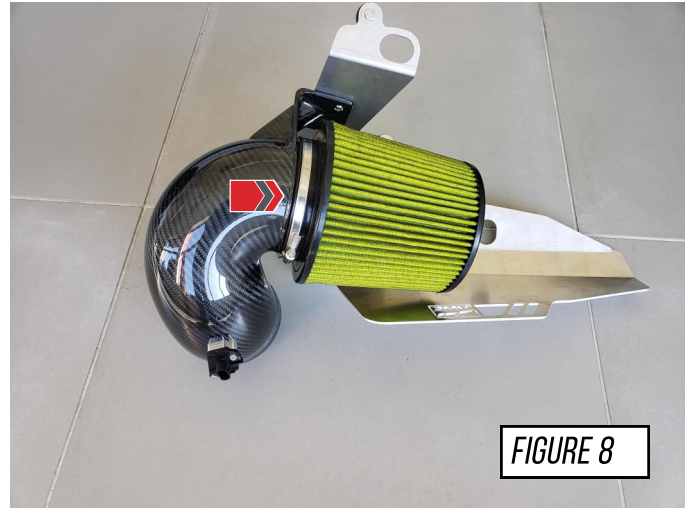
STEP 7

Use the 2 provided bolts to secure the AWE carbon intake tube to the AWE heat shield, as shown in **Figure 7**.



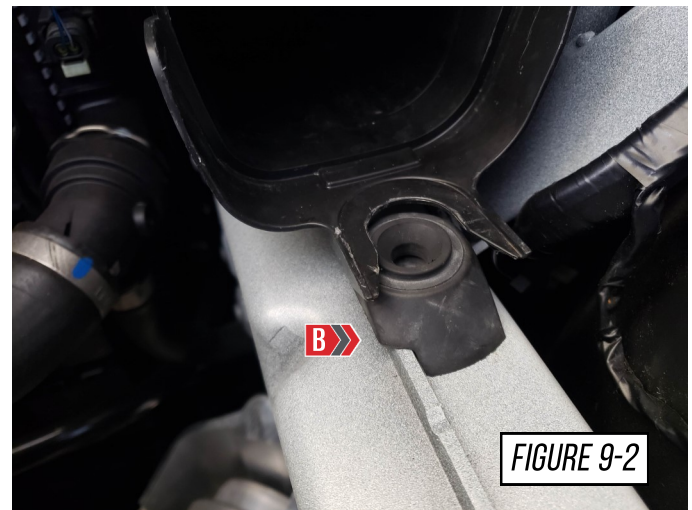
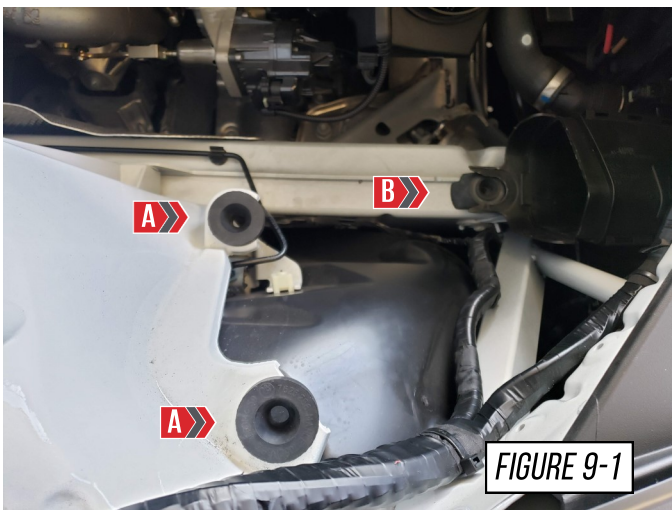
STEP 8

Install the air filter onto the carbon intake tube using the 110x130 worm drive clamp, as shown in **Figure 8**.




STEP 9

Reinstall the 3 OE rubber air box mounts. The 2 round mounts (**A**) squeeze and push into place, as shown in **Figure 9-1**. The 3rd mount (**B**) has a notch for the frame rail, as shown in **Figure 9-2**.

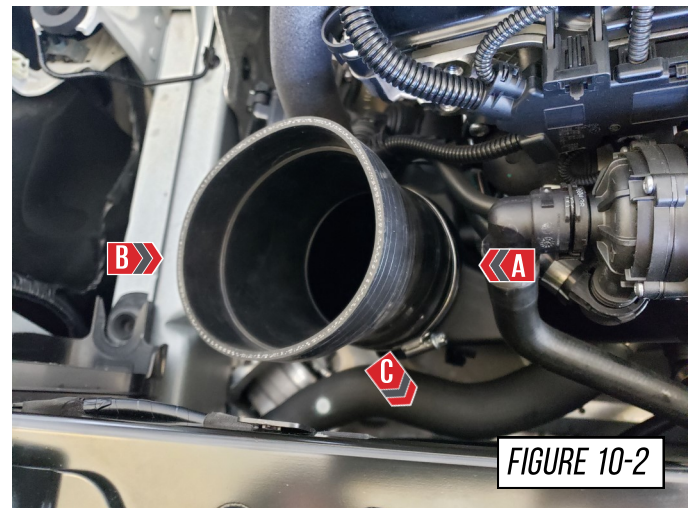


STEP 10

Install the AWE silicone inlet hose by positioning the smaller side of the hose (**A**) using the 90x110 clamp onto the OE turbo inlet, as shown in **Figure 10-2**.

 The larger side (**B**) of the silicone hose is offset, position the belly of hose in the direction of (**C**) shown in **Figure 10-2**.

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

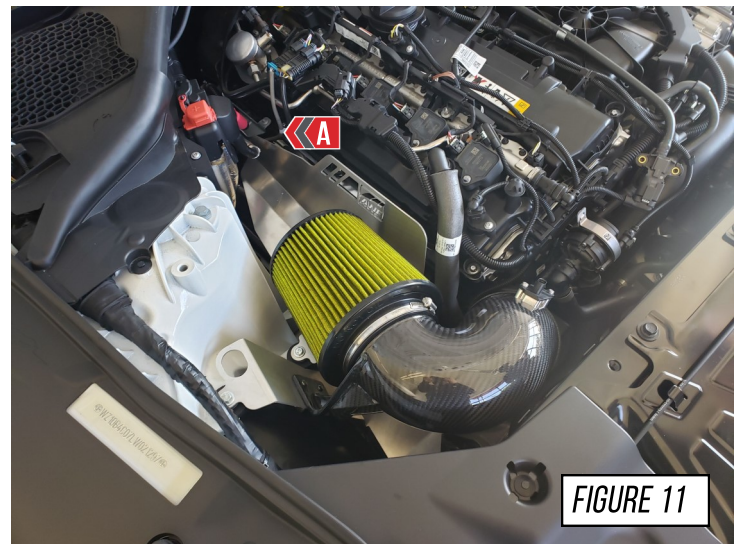


STEP 11

Install the AWE intake assembly, start 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 hose.

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



STEP 12

Push the carbon fiber tube into the silicone hose, 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 12**.

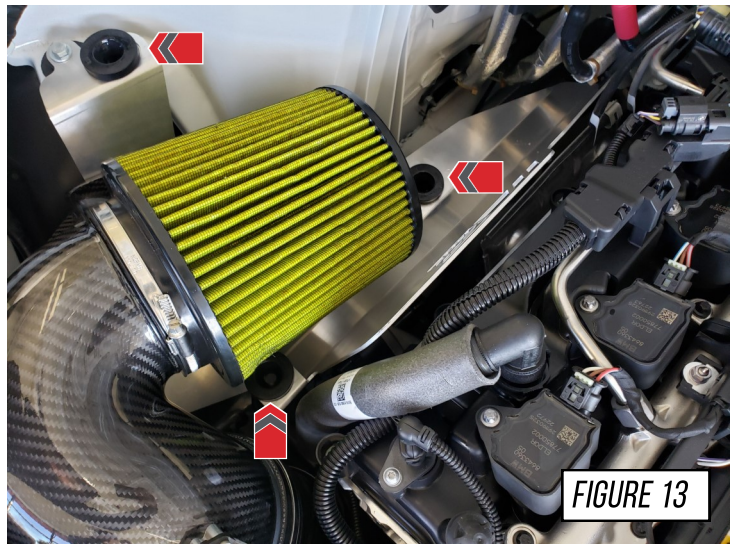


IF NOT INSTALLING AWE CARBON FIBER COVER, SKIP TO STEP 15



STEP 13

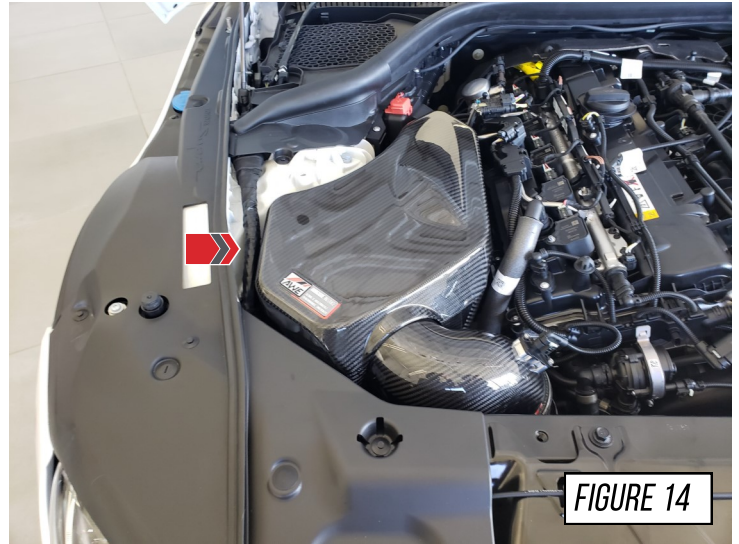
Install the 3 supplied round rubber mounting gaskets, as shown in **Figure 13**.



STEP 14

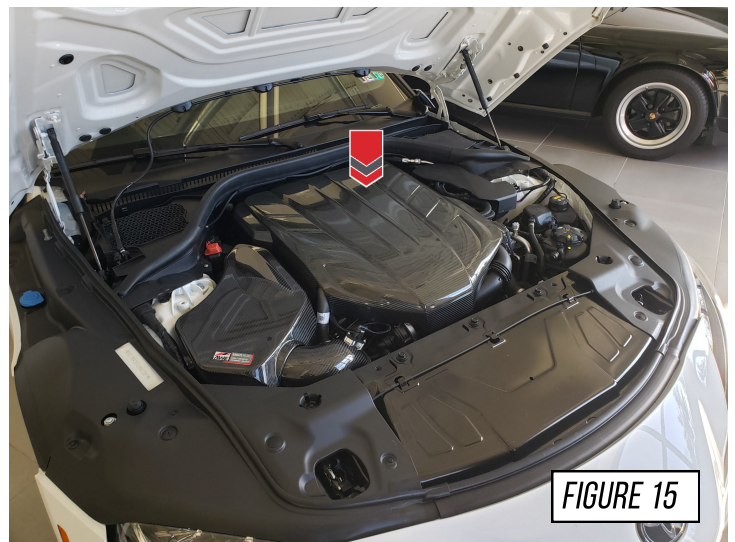
Install the AWE intake cover by carefully sliding it down into place, taking extra care not to damage the air filter.

Push the 3 mounting posts into the rubber mounts, as seen in **Figure 14**.



STEP 15

Reinstall the engine cover removed earlier, as seen in **Figure 15**.



ENJOY!



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](#).