

INSTALLATION GUIDE:
S-FLO OPEN 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:

2660-15146 AWE 4.5" S-FLO Shortie Carbon Intake for Audi RS 3 / TT RS

Welcome to the AWE family, and congratulations on your purchase of the AWE S-Flo Shortie 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.

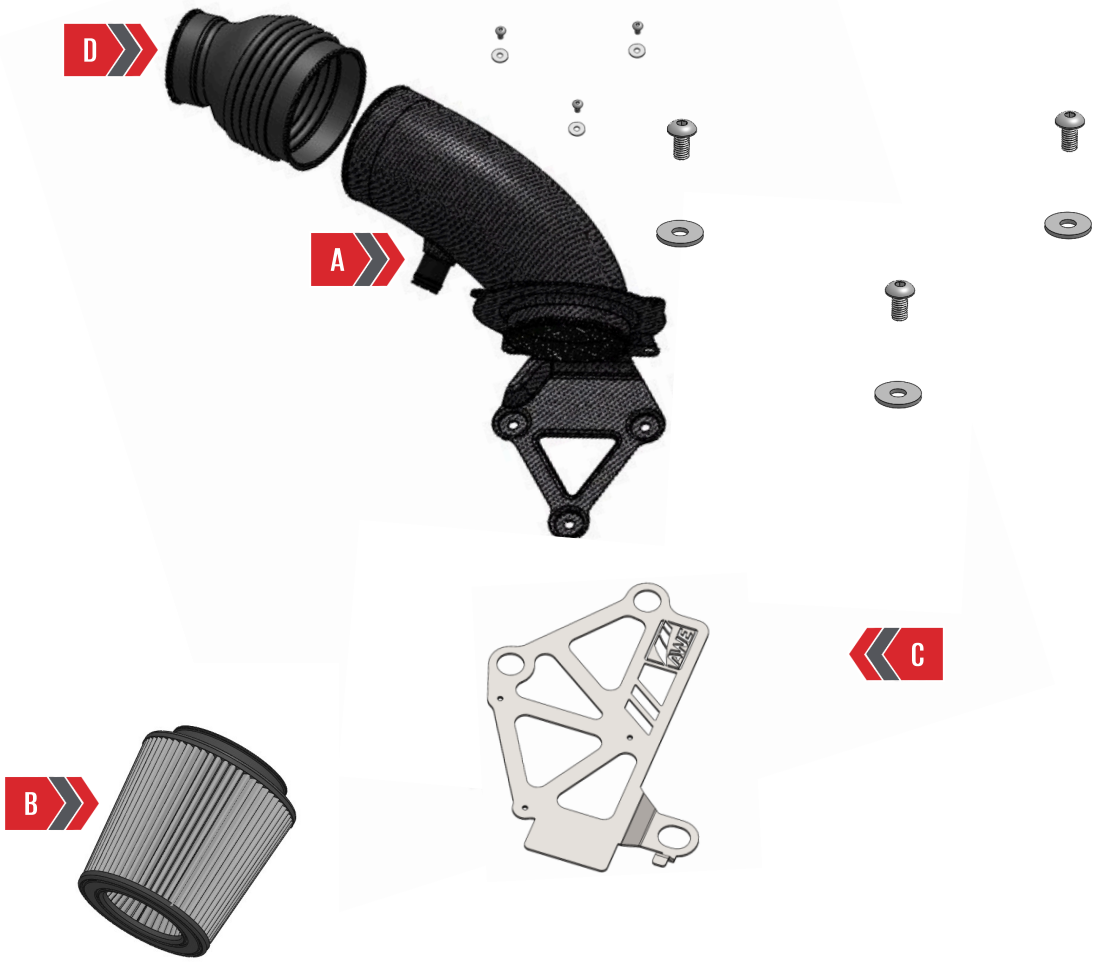
Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

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 Shortie Carbon Intake

Arrow	QTY	Description	Part Number
A	1	2.5T carbon filter tube	500031
B	1	4.5in cone filter	400013
C	1	Filter mounting plate	120028
D	1	AWE to OE turbo tube coupler	300006
	1	100-120 worm drive clamp	5574K25
	1	110-130 worm drive clamp	5574K26
	3	Carbon tube bolts	94500A231
	3	Oversized flat washer	91116A150



Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

PARTS LIST

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

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



Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

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

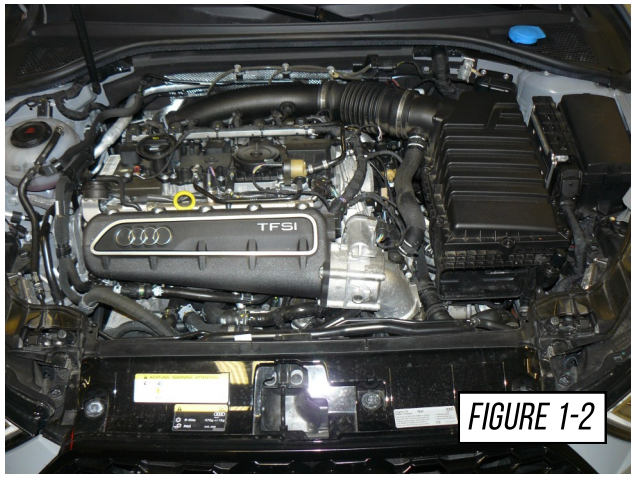


FIGURE 1-2

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**.



FIGURE 2-1

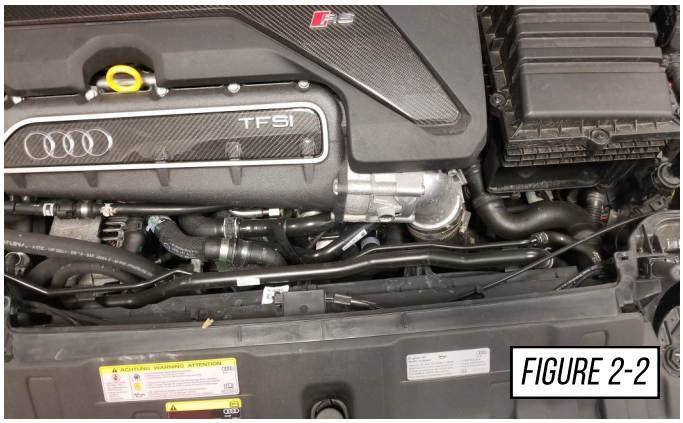


FIGURE 2-2

Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

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**.

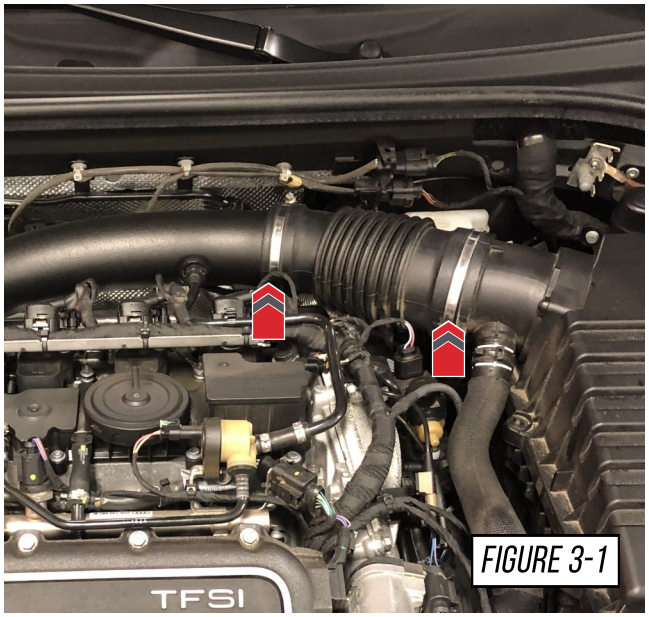


FIGURE 3-1

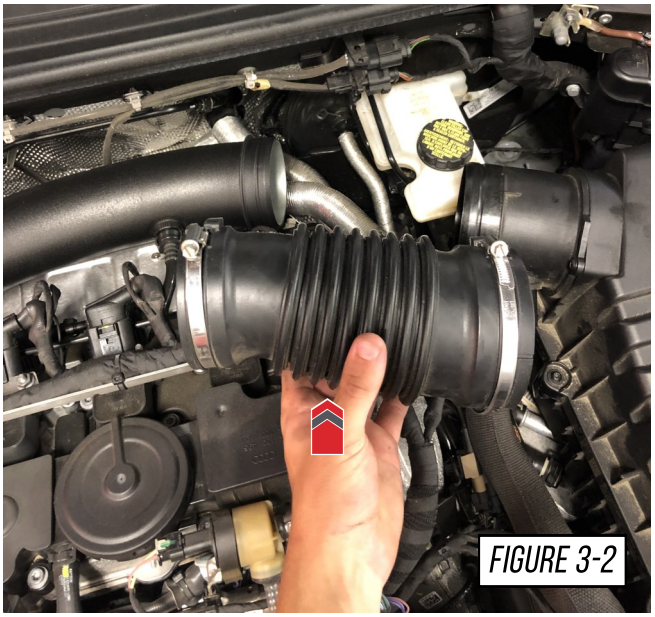


FIGURE 3-2

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**.

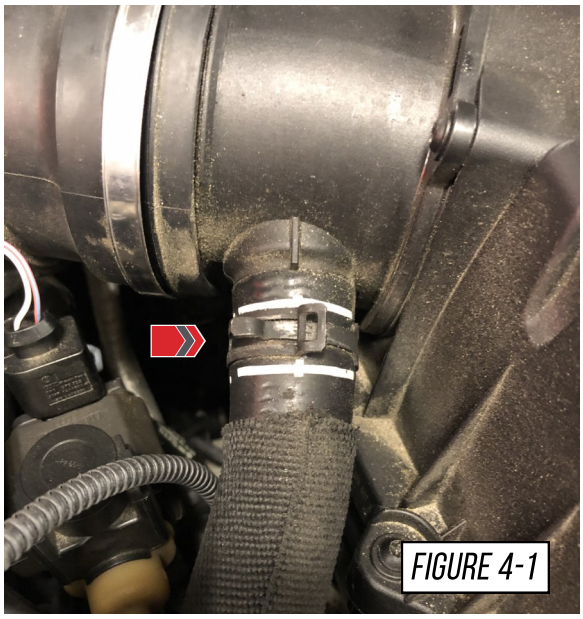


FIGURE 4-1


FIGURE 4-2

Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

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.

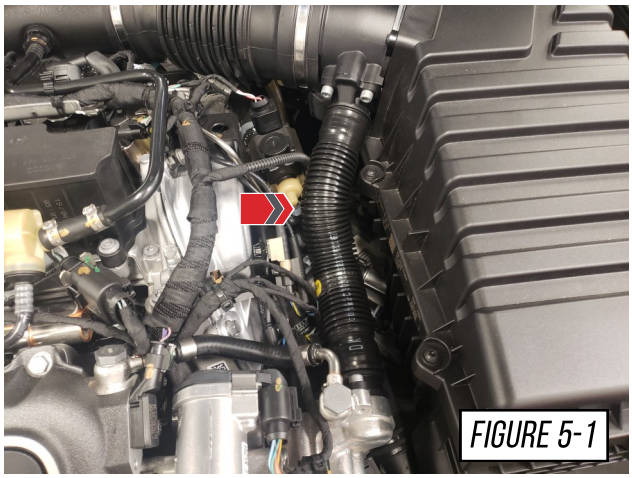


FIGURE 5-1

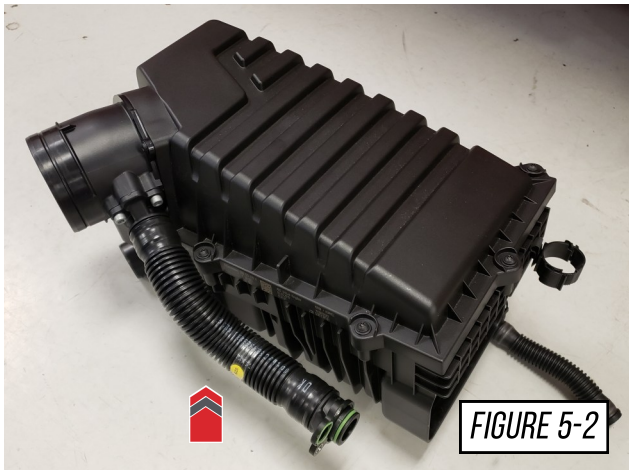


FIGURE 5-2

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.

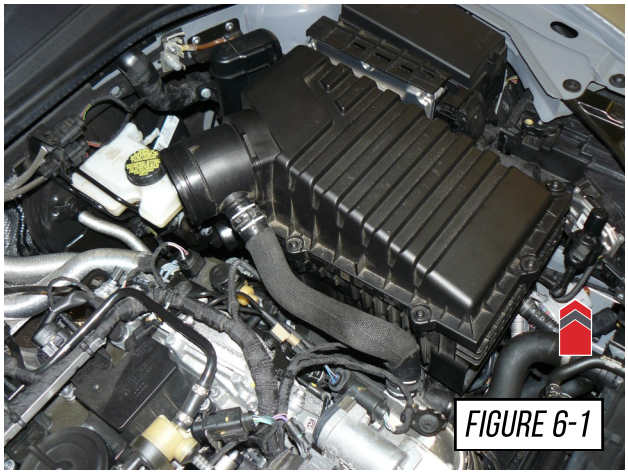


FIGURE 6-1

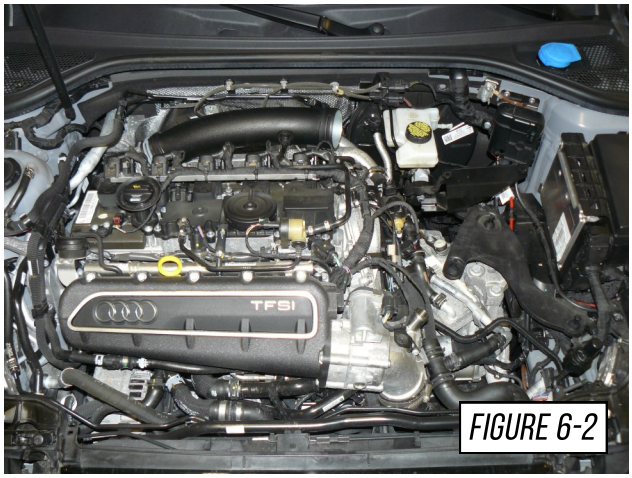


FIGURE 6-2

Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

STEP 7

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 7-1** and **7-2**.

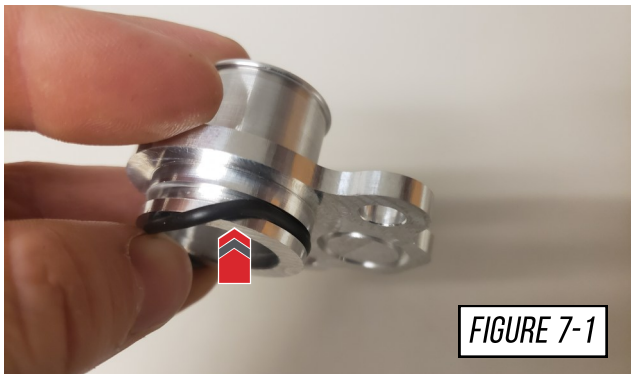


FIGURE 7-1

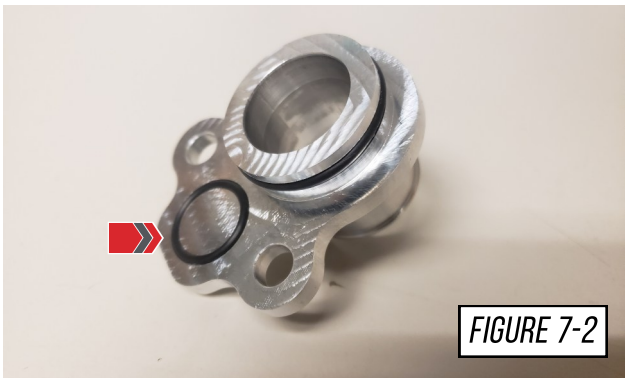


FIGURE 7-2

STEP 8

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 8.**

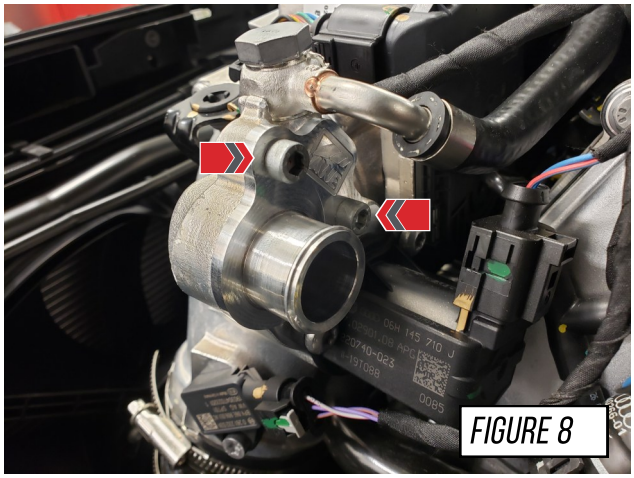


FIGURE 8

STEP 9

Gather the AWE mounting bracket and push in the 3 OEM rubber mounting grommets, as shown in **Figure 9**.

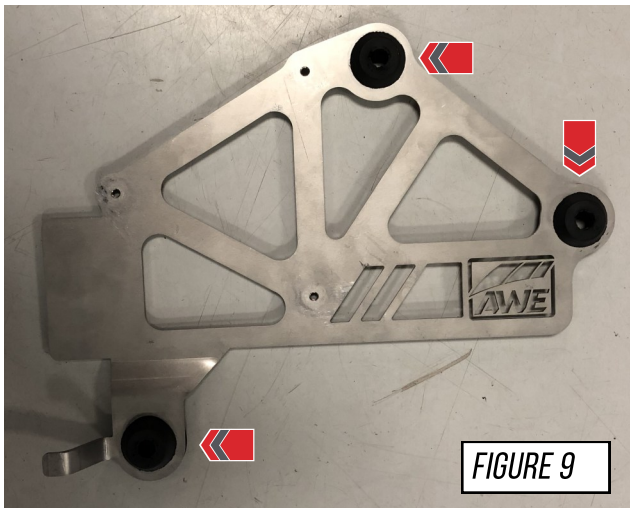


FIGURE 9

Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

STEP 10

Secure the AWE carbon intake tube onto the AWE mounting bracket, with the 3 supplied screws and oversized washers, as shown in **Figure 10**.

Careful to not over tighten bolts, carbon could crack.

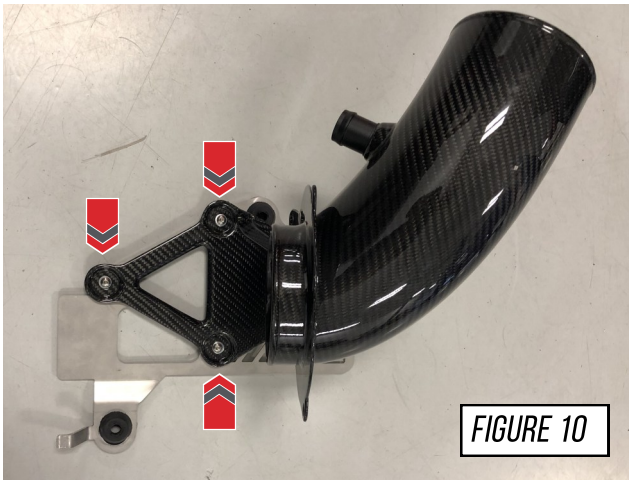


FIGURE 10

STEP 11

Install the AWE air filter onto the AWE intake tube and tighten the hose clamp, as shown in **Figure 11**.

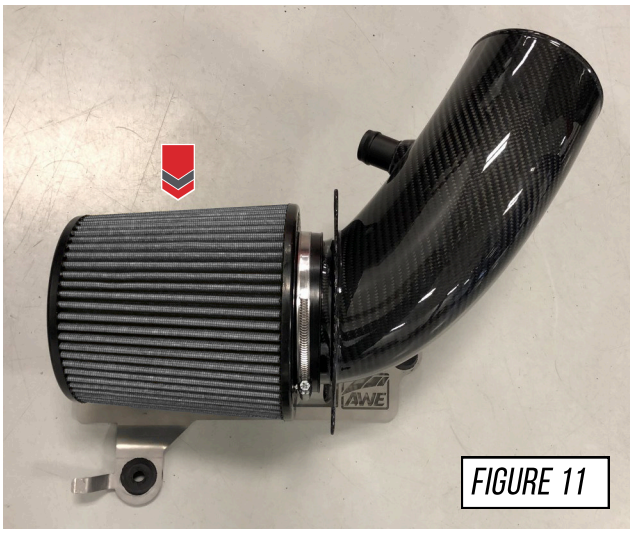


FIGURE 11

STEP 12

Install the AWE carbon fiber intake filter section into the vehicle, by pushing the OEM rubber mounting grommets into place and aligning the silicone flex tube, as shown in **Figure 12-1** and **12-2**.

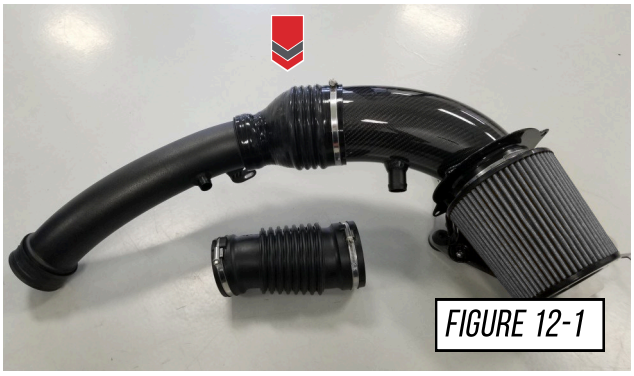


FIGURE 12-1


FIGURE 12-2

Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

STEP 13

Align the silicone flex hose and tighten the 2 hose clamps, as shown in **Figure 13**.

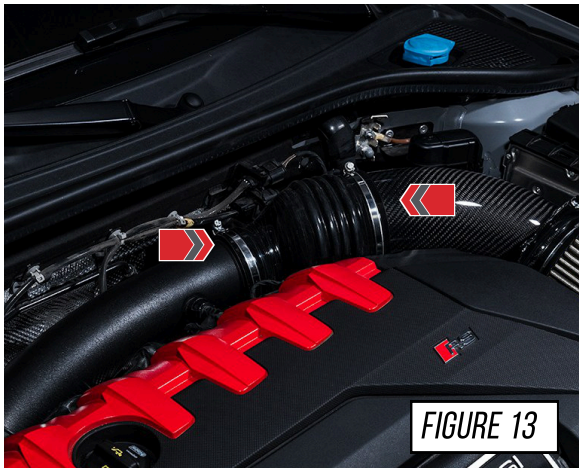


FIGURE 13

STEP 14

For **Pre-2018**, reinstall the hose and clamp removed earlier, as shown in **Figure 14-1**.

For **2019+**, install the provided hose and hose clamps, shown in **Figure 14-2**.

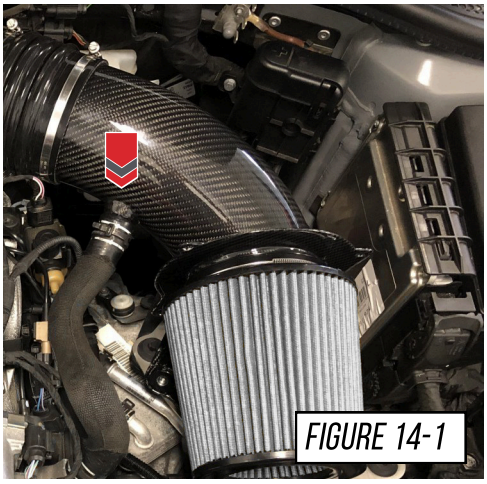


FIGURE 14-1

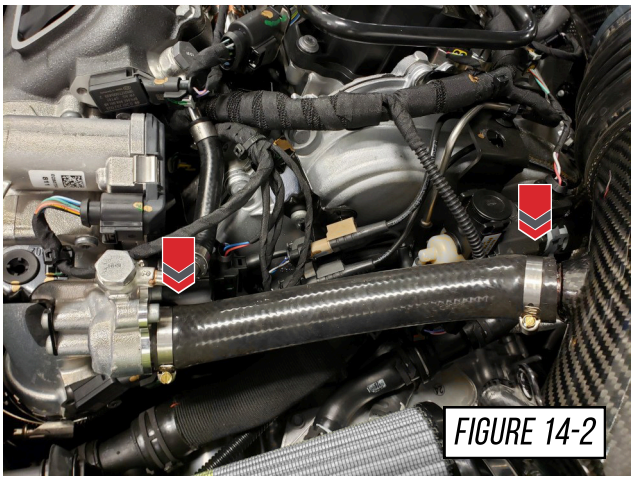


FIGURE 14-2

STEP 15

Clip the OEM sensor onto the AWE mounting plate shown in **Figure 15**.

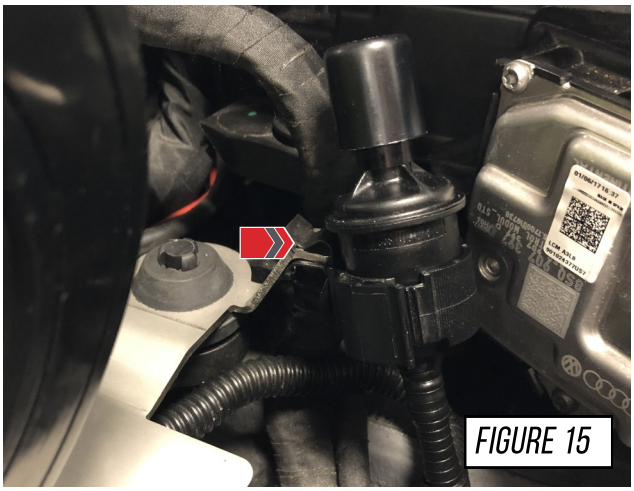


FIGURE 15

Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

STEP 16

Reinstall the OEM inlet duct, with the hardware removed earlier, as shown in **Figure 16.**

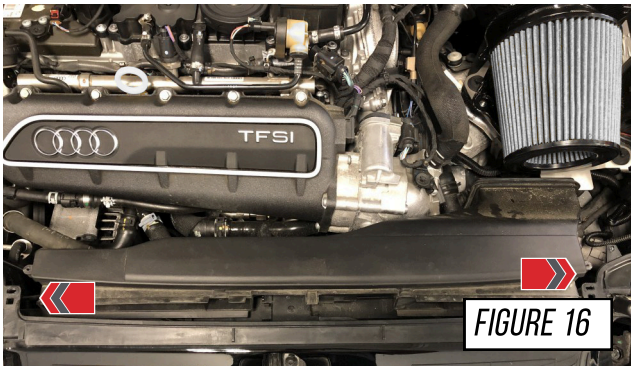


FIGURE 16

STEP 17

Reinstall the OEM engine cover by pressing it back into place, as shown in **Figure 17**.

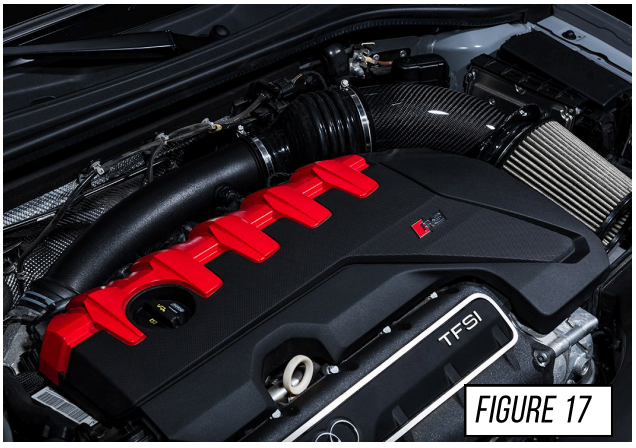


FIGURE 17

ENJOY!

Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6

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**.

Copyright 2019, AWE. No part of this document may be reused or duplicated without the express permission of AWE/Secor Ltd. All rights reserved. Rev1.6