INSTALLATION GUIDE:
AWE C8 CORVETTE TRACK AND TOURING EXHAUST

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

THIS GUIDE IS INTENDED FOR THE FOLLOWING PART NUMBERS:

3020-42080	AWE Track Edition Exhaust for C8 Corvette - Quad Chrome Silver Tips
3020-43086	AWE Track Edition Exhaust for C8 Corvette - Quad Diamond Black Tips
3015-42151	AWE Touring Edition Exhaust for C8 Corvette - Quad Chrome Silver Tips
3015-43159	AWE Touring Edition Exhaust for C8 Corvette - Quad Diamond Black Tips
3820-11047	AWE Touring to Track Exhaust Conversion Kit for C8 Corvette
3815-11045	AWE Track to Touring Exhaust Conversion Kit for C8 Corvette

Welcome to the AWE family, and congratulations on your purchase of the AWE Exhaust system for the C8 Corvette.

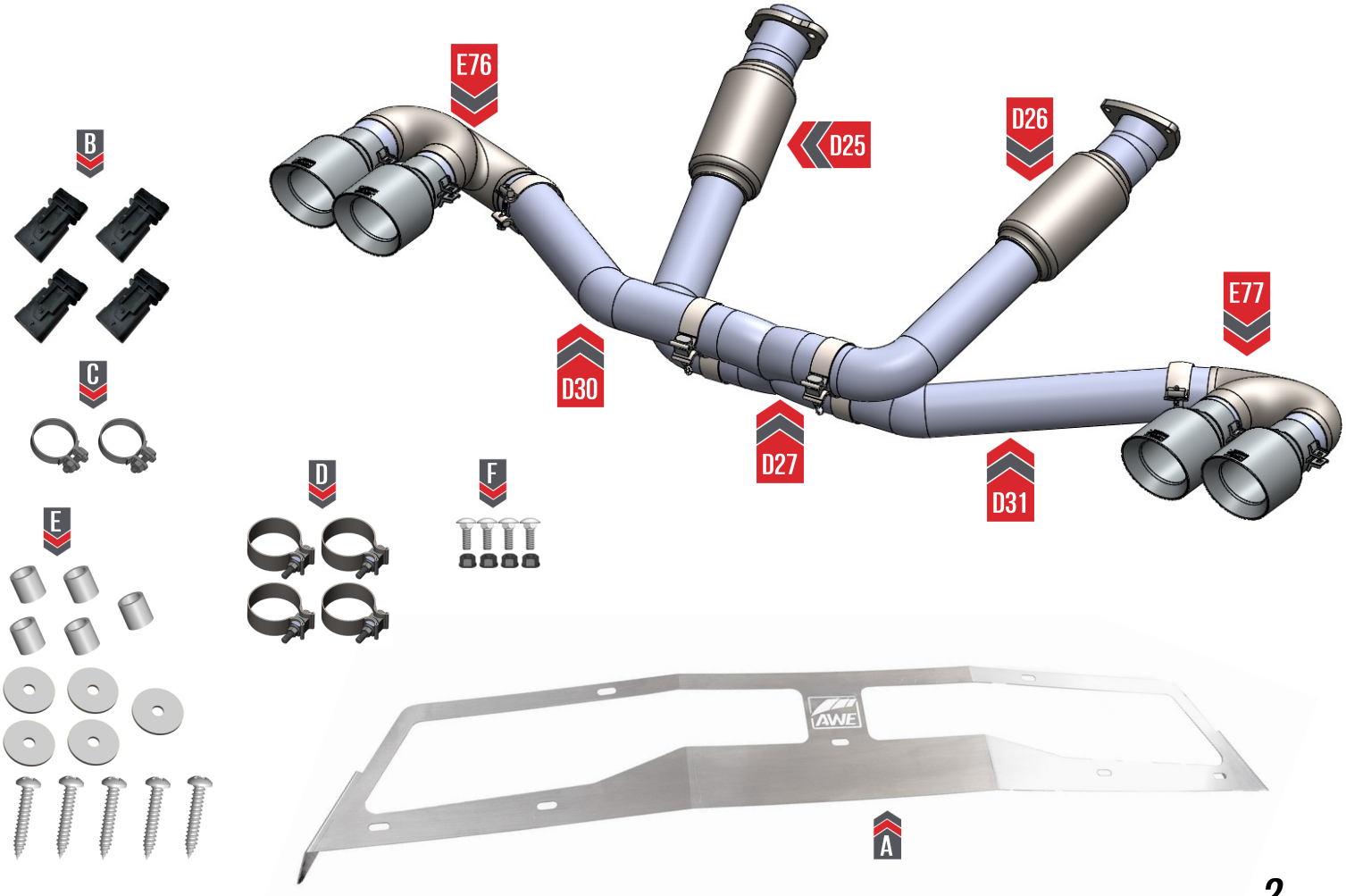
Exquisite build quality and craftsmanship, coupled with industry leading performance, distinguish this exhaust system from all others.

*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.

PARTS LIST (TRACK)

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

Symbol	Part Number	Description	QTY
	D25	C8 Corvette DS flex section tube	1
	D26	C8 Corvette PS flex section tube	1
	D27	C8 Corvette X Pipe	1
	D30	C8 Corvette DS Track section	1
	D31	C8 Corvette PS Track section	1
	E76	DS tip section	1
	E77	PS tip section	1
A	110060	C8_Rear_Heat_Shield	1
B	1310-11040	AWE_GM_electronic_valve_simulator	4
C	SEC75	3” ball clamp	2
D	180300	AWE Band Clamp: 3"	4
E	3910-11008	HARDWARE KIT	1
F	3910-41010	Integrated Clamp Kit	1
	7130K59	Cable Ties	4
Chrome Tips Only			
	180014	Chrome tip	4
Black Tips Only			
	180015	Black Chrome tip	4



PARTS LIST (TOURING)

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

Symbol	Part Number	Description	QTY
	D25	C8 Corvette DS flex section tube	1
	D26	C8 Corvette PS flex section tube	1
	D27	C8 Corvette X Pipe	1
	D28	C8 Corvette DS Touring section	1
	D29	C8 Corvette PS Touring section	1
	E76	DS tip section	1
	E77	PS tip section	1
A	110060	C8_Rear_Heat_Shield	1
B	1310-11040	AWE_GM_electronic_valve_simulator	4
C	SEC75	3” ball clamp	2
D	180300	AWE Band Clamp: 3"	4
E	3910-11008	HARDWARE KIT	1
F	3910-41010	Integrated Clamp Kit	1
	7130K59	Cable Ties	4
Chrome Tips Only			
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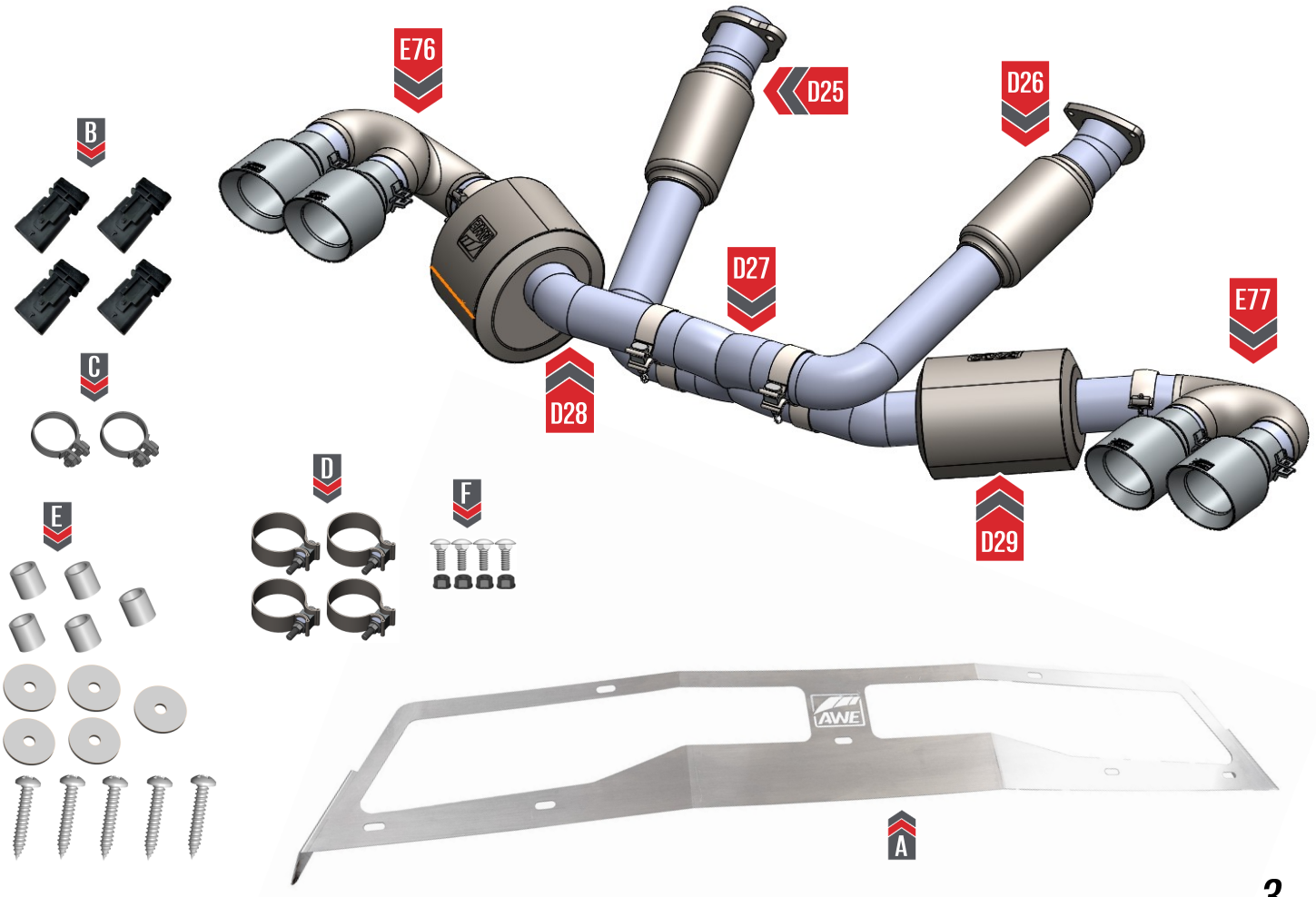
	180015	Black Chrome tip	4



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

CAUTION: The exhaust 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 exhaust system.

STEP 1

Start by removing the trunk liner for access to the exhaust flanges. First remove the 2 latches, shown as (**A**.) Then remove the trunk liner, shown as (**B**.)

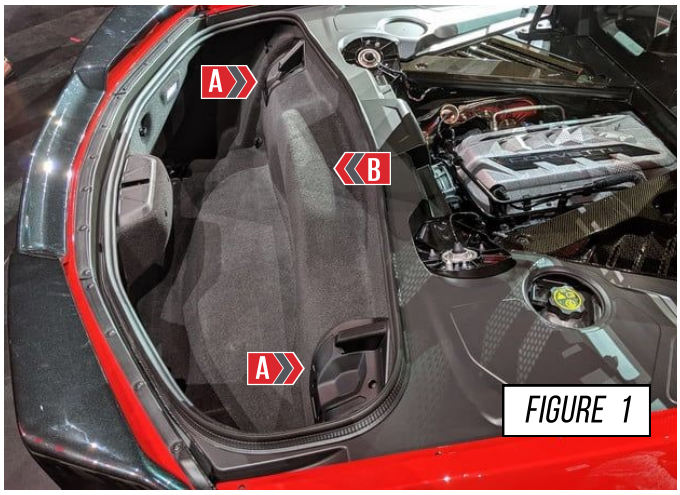


FIGURE 1

STEP 2

With the trunk liner removed, remove the screws holding the maintenance door in place, as shown in **Figure 2.**

Note: Save for reinstalling

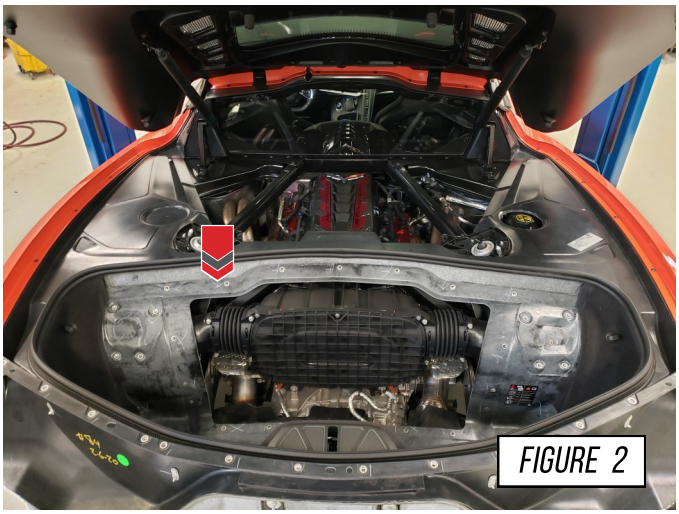


FIGURE 2

STEP 3

Spray the both the driver and passenger side flange with penetrating oil, to aid in removal. Let the penetrating oil soak while removing the bumper.

Exhaust must be cool or oil will burn.

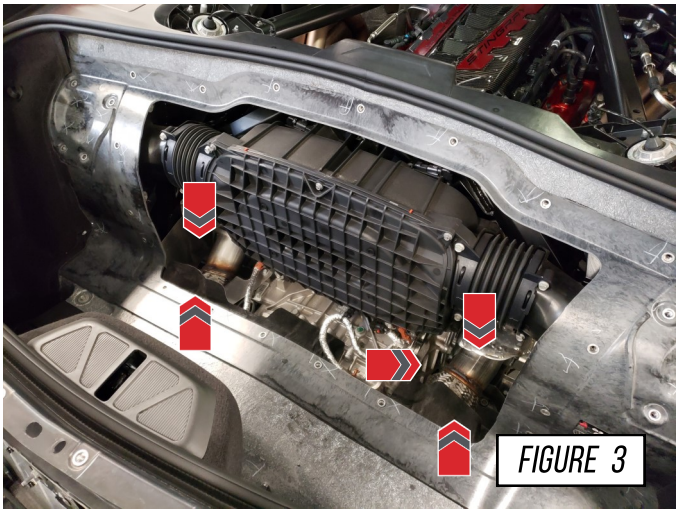


FIGURE 3

STEP 4

Begin on both the driver and passenger side of the vehicle, remove the OE plastic covers, shown in **Figure 4.1**. The covers are only attached with plastic tabs, to remove carefully but firmly pull away from the vehicle, shown In **Figure 4.2**.

FIGURE 4.1

FIGURE 4.2

STEP 5

With the OE covers removed from both sides, under the covers you will find 2 per side torx screws holding the wheel liner in places, remove these screws, as shown in **Figure 5.**

Note: Save for reinstalling

FIGURE 5

STEP 6

Pull back the wheel liner and remove the 2 torx screw (**A**) and the 1 nut (**B**) per each side, shown in **Figure 6**, with the bumper already removed.

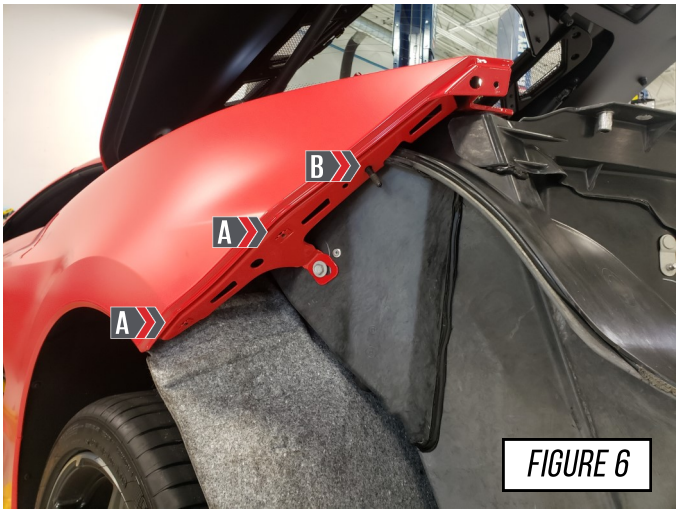


FIGURE 6

STEP 7

Remove the 2 OE plastic covers on the bottom side of the bumper, held in place with a combination of torx screws, hex screws and plastic reusable rivets, shown removed in **Figure 7**.

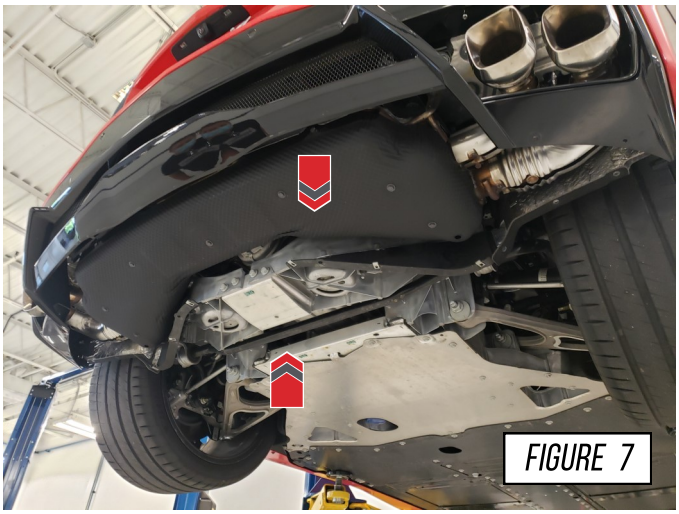


FIGURE 7

STEP 8

Remove the torx screws along the top of the bumper under the trunk lid, shown in **Figure 8.**


FIGURE 8

STEP 9

Remove the bumper by carefully pulling it straight off, with enough space reach down and unplug the 3 OE plug connectors, shown in **Figure 9**, then completely remove the bumper.

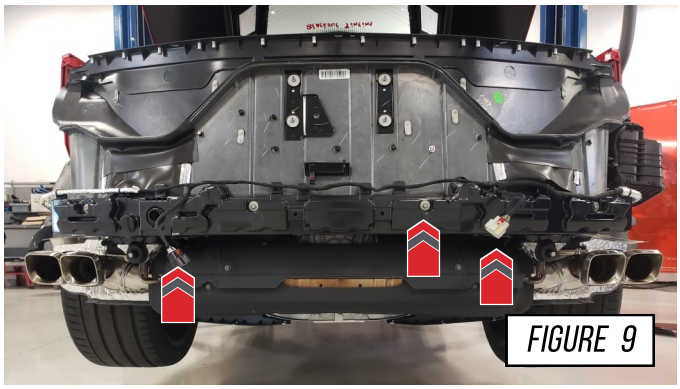


FIGURE 9

STEP 10

Remove the 2 bolts, per side holding the rear muffler hangers in place, as shown in **Figure 10.1** and **Figure 10.2**.

Note: Allow exhaust to fully drop down, for access to the down pipe bolts.

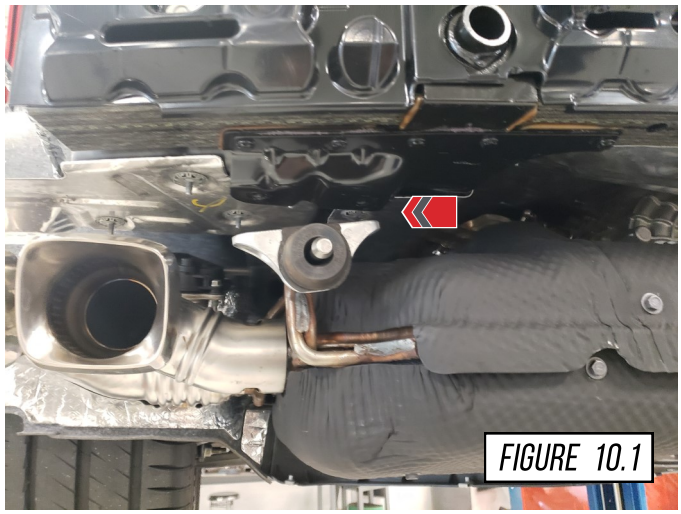


FIGURE 10.1

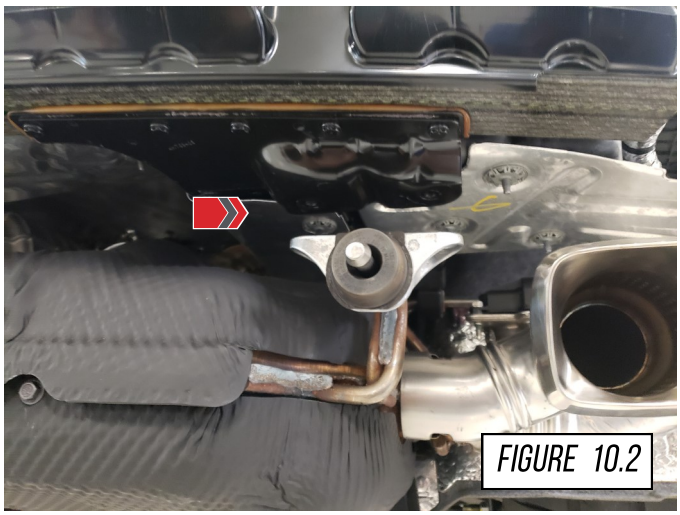


FIGURE 10.2

STEP 11

Unplug the 2 NPP valves, as shown in **Figure 11.1** and the 2 AFM valves, as shown in **Figure 11.2**.

Note: Not all vehicles have NPP valves.

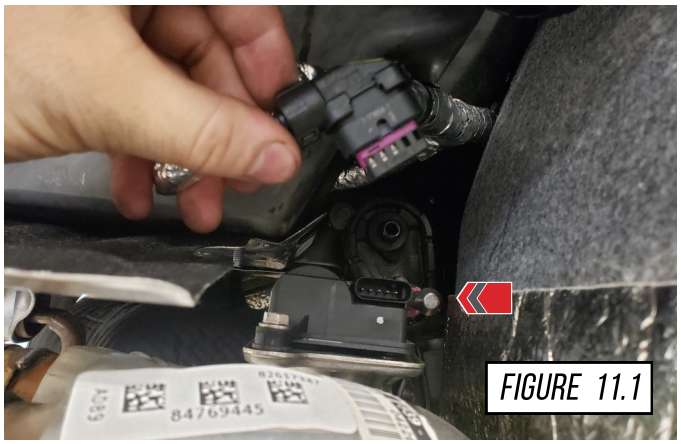


FIGURE 11.1

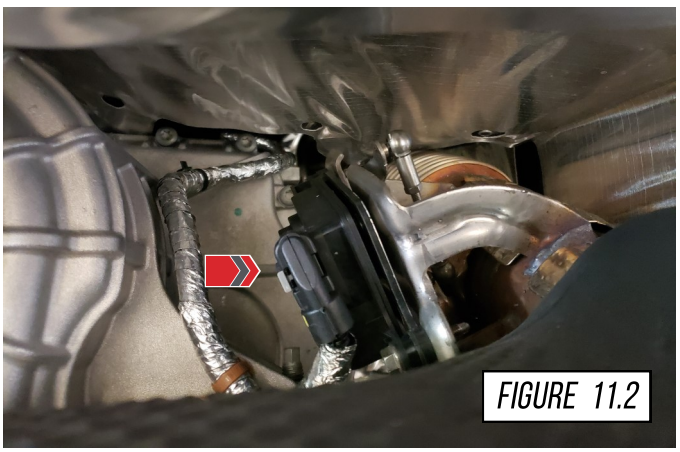


FIGURE 11.2

STEP 12

Using a long extension, remove the 2 bolt driver side flange and 3 bolt passenger side downpipe flange, shown in **Figure 12**.

Note: Can access some bolts thought the trunk.

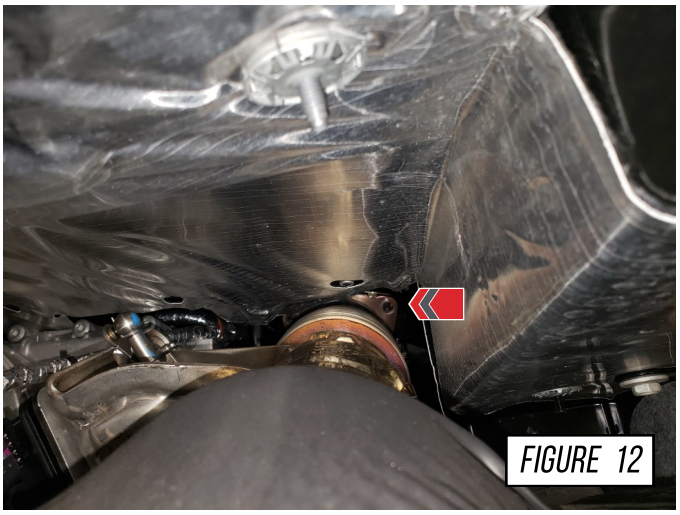


FIGURE 12

STEP 13

Now remove the OE exhaust by removing the 2 middle hangers, shown in **Figure 13**, allowing the exhaust to be removed as 1 piece.

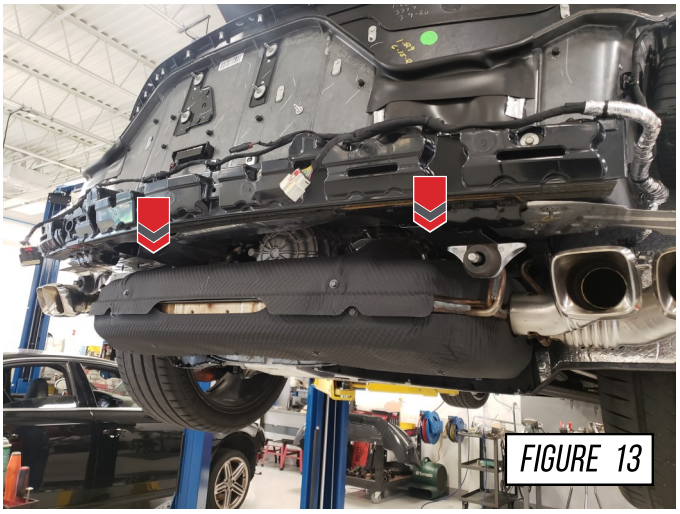


FIGURE 13

STEP 14

Install the AWE GM electronic valve simulator onto the passenger side AFM valve connector harness (**A**) which is located on the side of the transaxle.

Using the supplied zip tie to secure it into place, as shown at point (**B**) in **Figure 14**.

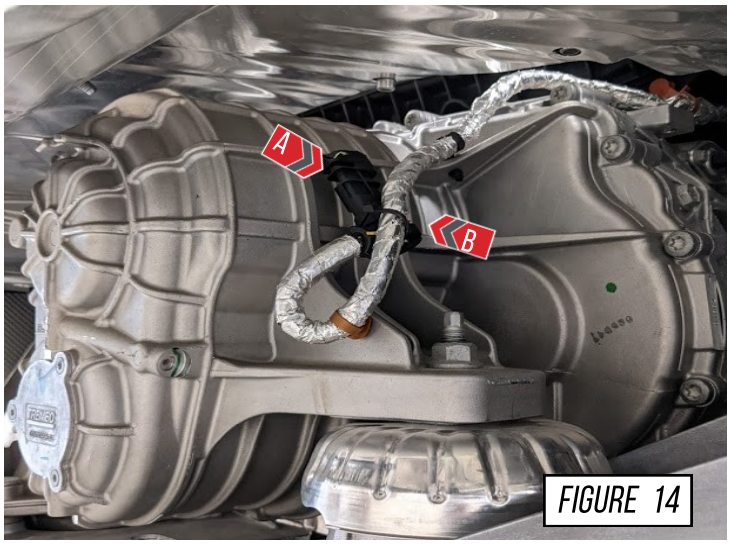


FIGURE 14

STEP 15

Install the AWE GM electronic valve simulator onto the driver side AFM valve connector harness which is located on the side of the transaxle.

Using the supplied zip tie to secure it into place, as shown at (**A**) in **Figure 15**.

Note: The zip tie shown at (**B**) is used to hold the AWE GM electronic valve simulator into place. The zip tie shown at (**C**) is an OE zip tie.

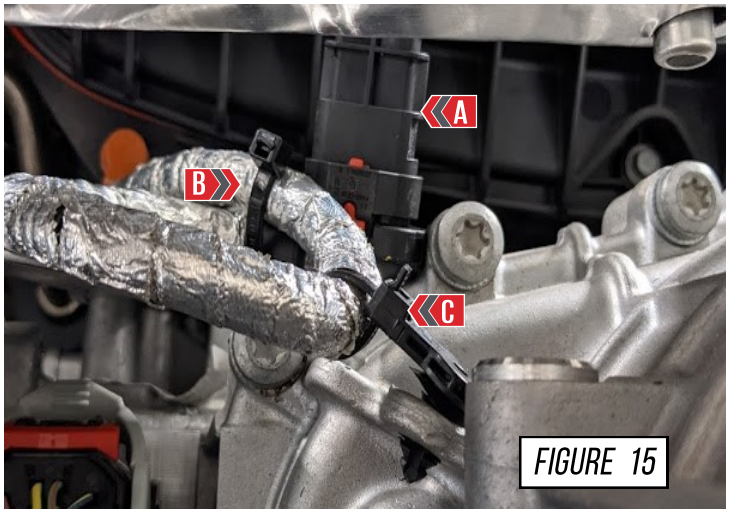


FIGURE 15

IF YOUR VEHICLE IS NOT EQUIPPED WITH NPP VALVES SKIP TO STEP 18

STEP 16

Install the AWE GM electronic valve simulator onto the passenger side NPP valve connector harness (**A**).

Using the supplied zip tie to secure it into place, as shown at (**B**) in **Figure 16**.

FIGURE 16

STEP 17

Install the AWE GM electronic valve simulator onto the driver side NPP valve connector harness (**A**).

Using the supplied zip tie to secure it into place, as shown at (**B**) in **Figure 17**.

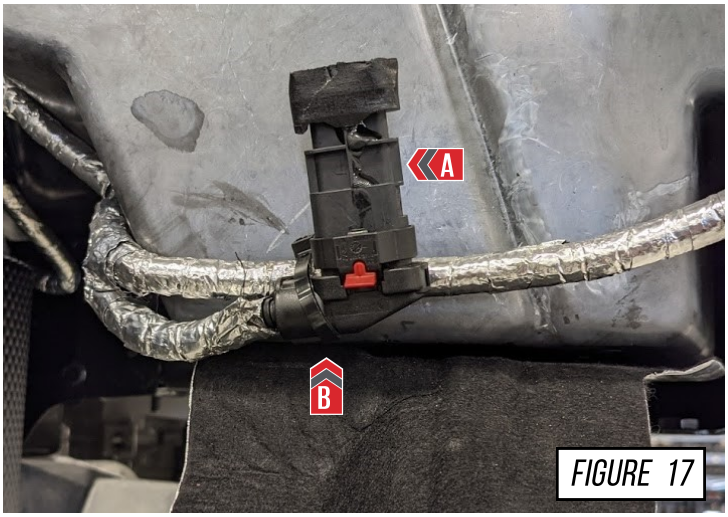


FIGURE 17

STEP 18

It is crucial to make sure your simulators are pugged in at the correct orientation. To do this ensure the red clip, as shown at (A) in Figure 18, is fully engaged, and firmly pull the simulator. If the simulator does not unplug it is installed correctly.

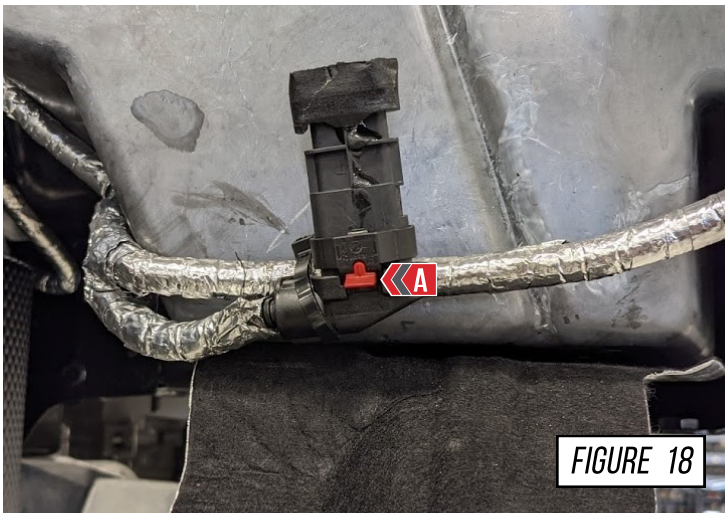
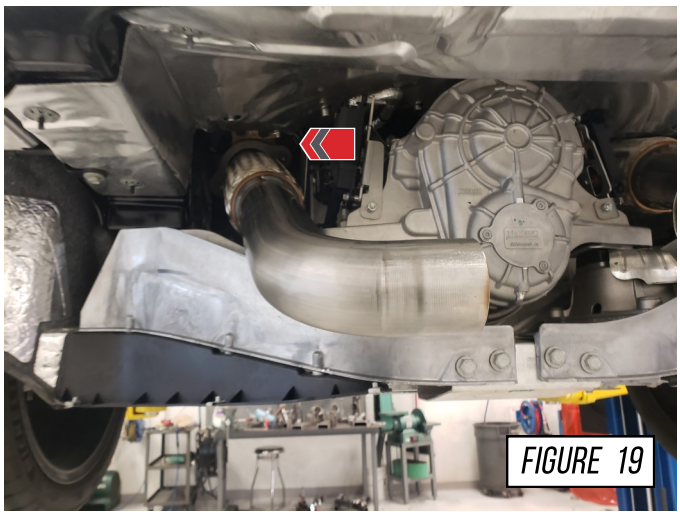


FIGURE 18

STEP 19

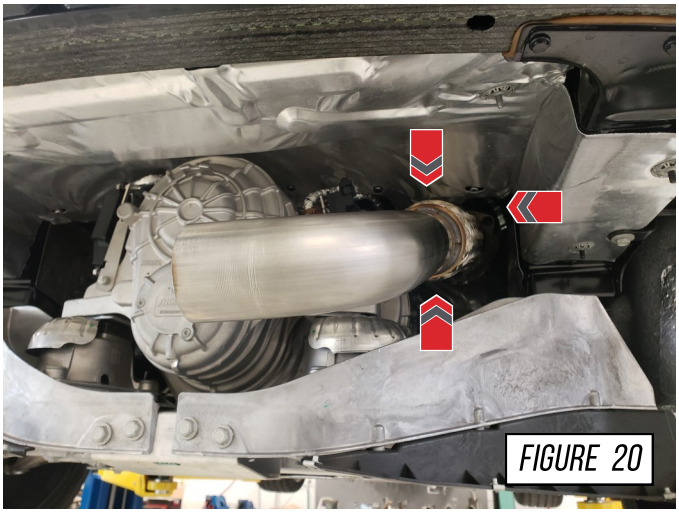
Install the driver side AWE downpipe tube (**D25**) using the 2 OE nuts, as shown in **Figure 19**.

Do not tighten down flange at this time.



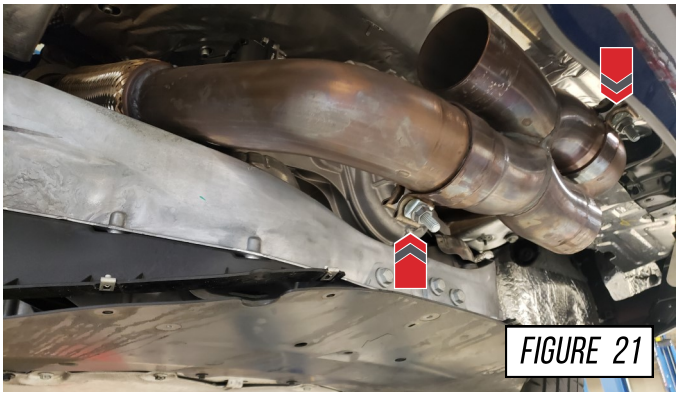
STEP 20

Install the passenger side AWE downpipe tube (**D26**) using the 3 OE nuts, as shown in **Figure 20**.



STEP 21

Install the AWE X pipe section (**D27**) with 2 supplied clamps and the slip fits over both AWE downpipes, as shown in **Figure 21**.



STEP 22

Install the AWE driver (**D28/ D29**) and passenger (**D30/ D31**) using all 4 of the OE hangers and hardware, as shown in **Figure 22.1.** For best access with the bumper back on, align the supplied clamps, as shown in **Figure 22.2**.

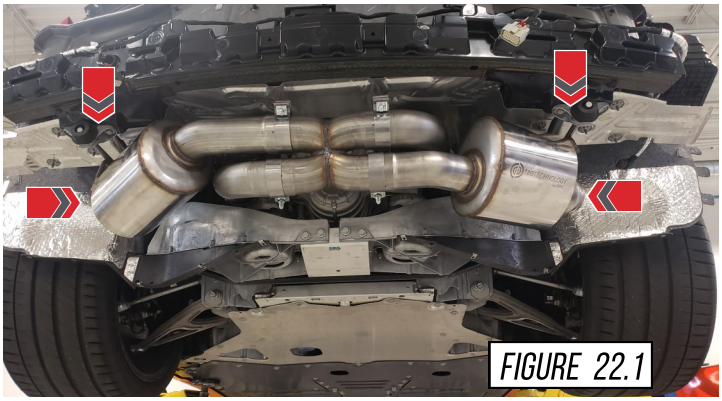


FIGURE 22.1

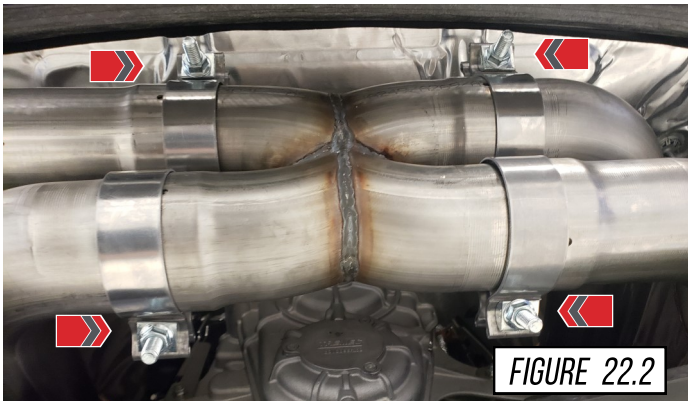


FIGURE 22.2

STEP 23

It is crucial to install each section and exhaust band clamps correctly to prevent loose joints, exhaust leaks and rattles.

Arrow A shows the expanded pipe and the preinstalled exhaust clamp being brought up to the corresponding pipe.

Arrow B shows the overlapping pipe installed correctly over the corresponding pipe.

Arrow C shows the exhaust band clamp being brought to the edge of the expanded pipe.

NOTES:

- **Do not** fully torque any exhaust clamp until the entire exhaust has been installed and adjusted.
- Torque specification is a **minimum** of 60 ft/lbs

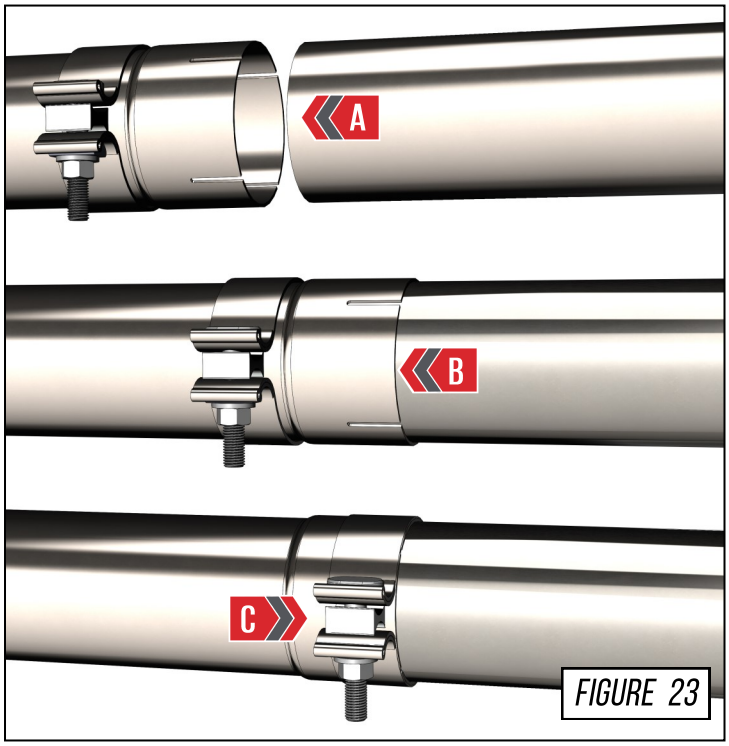


FIGURE 23

STEP 24

Tighten the OE bolts on the driver side down pipe flange, as shown in **Figure 24**. Doing so at this point ensure correct alignment to the AWE X-pipe, tighten all bolts evenly.

Only tighten OE driver side flange nuts, after clamps and hangers are tight and secure in place.

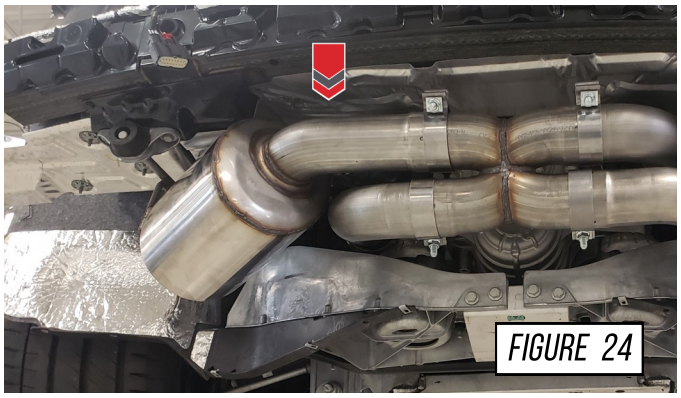


FIGURE 24

STEP 25

Install the AWE heat shield to the inside of the bumper, as shown in **Figure 25.1**. The top 2 holes (**A**) use the OE hardware and the bottom 5 holes (**B**) is using supplied hardware, as shown in **Figure 25.2**.

Install on bumper before attached to vehicle.

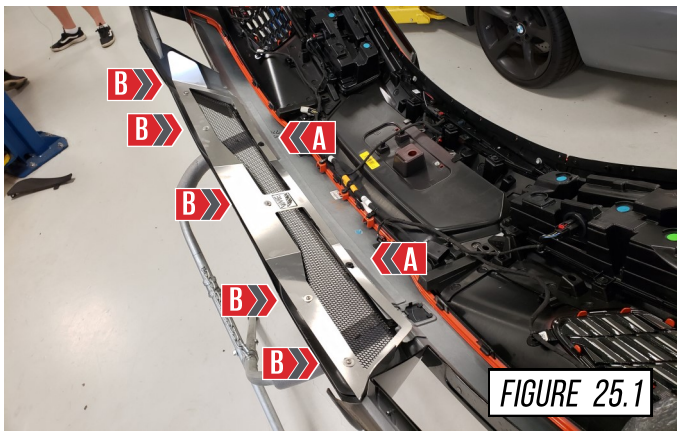


FIGURE 25.1

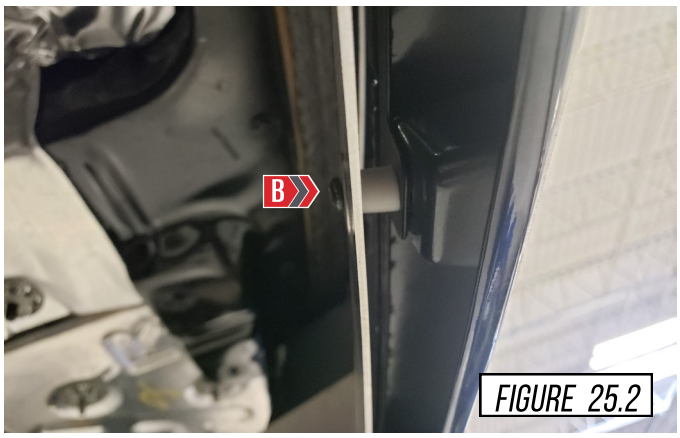


FIGURE 25.2

STEP 26

Reinstall the maintenance door and the trunk liner, as shown in **Figure 26**.


FIGURE 26

STEP 27

Reinstall the rear bumper, ensure the 3 OE plug connectors are connected and re attached to the bumper as before removed. As shown in **Figure 27**.

Tip sections will not be install yet.

FIGURE 27

STEP 28

Reinstall the torx screws along the top of the bumper under the trunk lid removed earlier, as shown in **Figure 28.**


FIGURE 28

STEP 29

Pull back the wheel liner and reinstall the 2 torx screw (**A**) and the 1 nut (**B**) per side, as shown in **Figure 29**, with the bumper already removed.

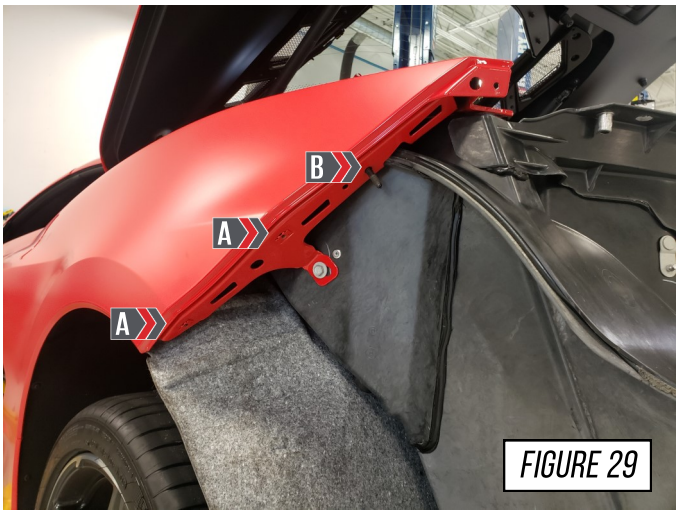


FIGURE 29

STEP 30

Reinstall the 2 per side torx screws holding the wheel liner in places, as shown in **Figure 30.**


FIGURE 30

STEP 31

Reinstall the driver and passenger OE plastic covers. The covers are only attached by plastic clips, firmly push the part onto he vehicle, as shown In **Figure 31.**


FIGURE 31

STEP 32

Reinstall the 2 OE plastic covers on the bottom side of the bumper, attached with a combination of torx screws, hex screws and plastic reusable rivets, as shown removed in **Figure 32**.

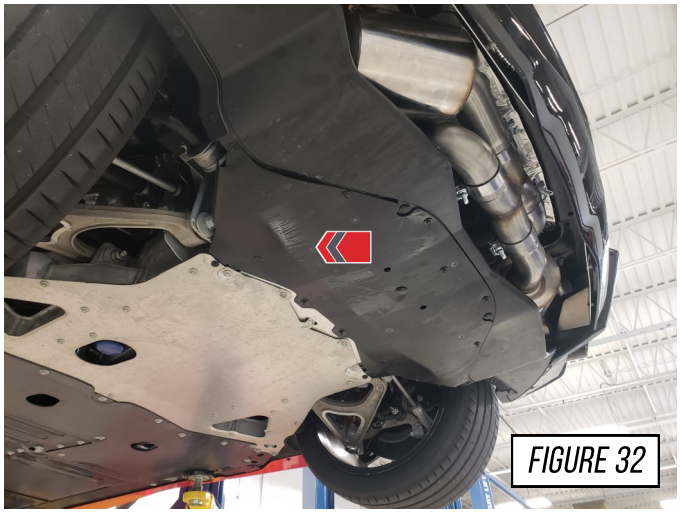


FIGURE 32

STEP 33

Install the AWE tip sections, driver (**E76**) and passenger (**E77**) with the 2 supplied ball clamps, as shown in **Figure 33.1** and **33.2**.

Note: **Figure 33.3** is shown for reference of properly installed exhaust and tip components.

FIGURE 33.1

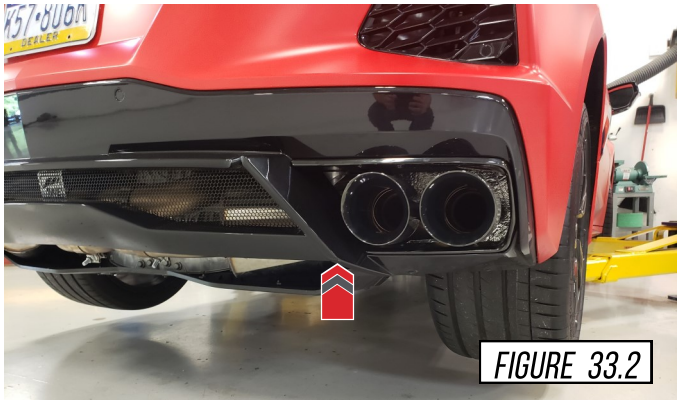


FIGURE 33.2

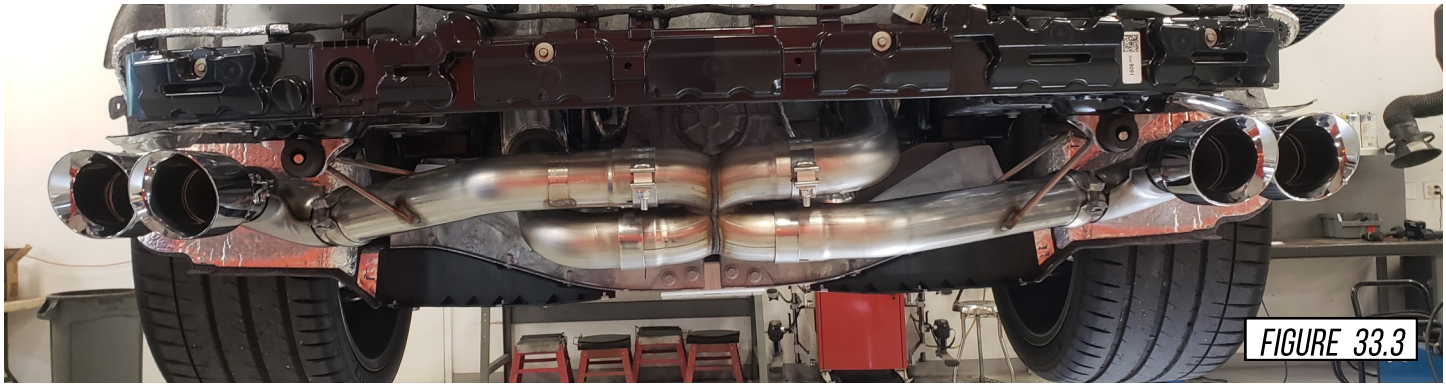


FIGURE 33.3

STEP 34

With the complete AWE exhaust system installed, all clamps tightened and the tips aligned. It is now recommended to drive the car to allow the exhaust to heat cycle.

At this point the exhaust will be **very hot**, allow to cool before work continues.

Check the tips for correct alignment, adjust as needed.

Don't forget to look below for any troubleshooting needs!

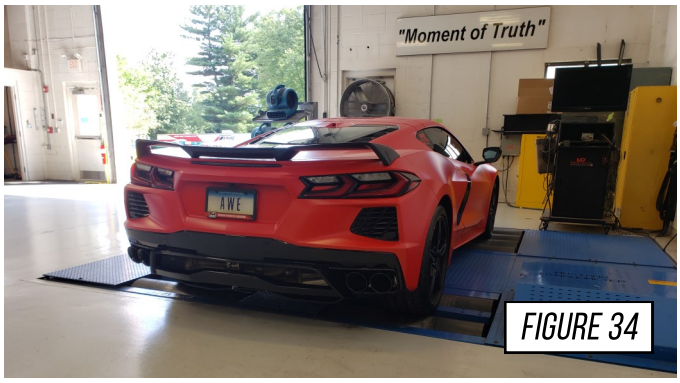


FIGURE 34

ENJOY!

TROUBLESHOOTING

Issue	Solution
Exhaust is not fitting correctly	Most fitment issues are due to improperly adjusted exhaust. This includes tip fitments and rattling due to chassis contact. Check out our fitment guide for more installation tips.
Incorrect 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.
P26C5 Code	This code is specific to vehicles equipped with the NPP exhaust option. This code will be present after the installation of the AWE Exhaust, *but will not cause a check engine light.* This soft code is set when the factory NPP wiring harness is not reused (as outlined in step 25), **and will not hinder performance or vehicle operation in any way**.
Check Engine Light	Given deviations found between factory GM valves, there is a chance that a Check Engine Light may present itself upon completion of the AWE Exhaust installation. The valve-related Check Engine Light does not signify any condition that is harmful to the vehicle. Should this Check Engine Light appear, **a GM dealership can perform a "Cylinder Deactivation Exhaust Control Valve Learn" procedure to turn off this light.**

CARE

Once installed properly, your AWE exhaust will provide years of trouble-free performance.

The exhaust volume and sound will settle with usage; 800-1000 miles is required to break-in new exhaust systems.

Also, please note that the rear **180Technology®** resonator has a small drain hole to allow condensation to escape. Water drops from this area are normal.

Periodic cleaning of exhaust tips is necessary to maintain proper finish, especially in areas prone to road salt and caustic deicing solutions. Use a mild soap and water solution or car wax to clean the finish. Avoid using abrasive polishes, as they can scratch the finish.

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**.