



INSTALLATION GUIDE: AWE EXHAUST SUITE FOR THE RAM 1500 5TH GEN STANDARD/HIGH OUTPUT

For up-to-date fitment information, please visit the product page on [AWE-Tuning.com](https://www.awe-tuning.com).

THIS GUIDE IS INTENDED FOR THE FOLLOWING PART NUMBERS:

- | | |
|------------|--|
| 3015-32530 | AWE 0FG Catback Exhaust for 2025+ RAM 1500 3.0TT Standard and High Output - Chrome Silver Tips |
| 3015-33530 | AWE 0FG Catback Exhaust for 2025+ RAM 1500 3.0TT Standard and High Output - Diamond Black Tips |

Welcome to the AWE family, and congratulations on your purchase of the AWE Exhaust System for the RAM 1500.

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

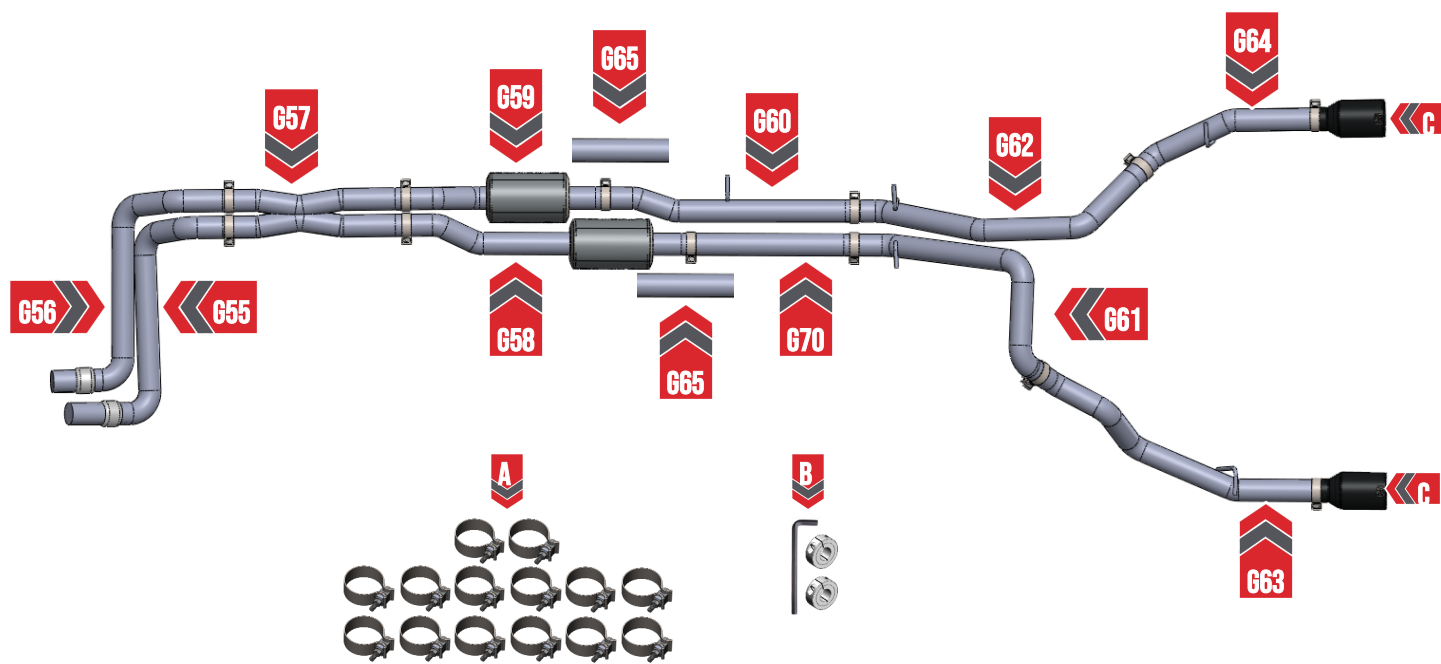
*For up to the minute fitment information, be sure to visit the AWE website. As always, AWE Performance Specialists are standing by for any questions, [right here](#).

PARTS LIST (OFG SYSTEM)



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

Symbol	Part Number	Description	QTY
	G55	Ram 1500 5th Gen 3.0t DS Inlet tube	1
	G56	Ram 1500 5th Gen 3.0t PS Inlet tube	1
	G57	Ram 1500 5th Gen 3.0t X-Pipe	1
	G58	Ram 1500 5th Gen 3.0t DS HR tube	1
	G59	Ram 1500 5th Gen 3.0t PS HR tube	1
	G60	Ram 1500 5th Gen 3.0t PS Mid tube	1
	G61	Ram 1500 5th Gen 3.0t DS Axle tube	1
	G62	Ram 1500 5th Gen 3.0t PS Axle tube	1
	G63	Ram 1500 5th Gen 3.0t DS Rear tube	1
	G64	Ram 1500 5th Gen 3.0t PS Rear tube	1
	G65	Ram 1500 5th Gen 3.0t Long wheel base adapters	2
	G70	Ram 1500 5th Gen 3.0t DS Mid tube	1
A	180300	AWE 3.0" Band Clamp Stainless	14
B	3910-11012	AWE 1/2" Split Collar Clamp Kit	1
C	180003CHROME	5.00" OD x 3.00" ID, Stright Cut, Chrome Silver, AWE logo	2
	180003BC	5.00" OD x 3.00" ID, Stright Cut, Diamond Black, AWE logo	2





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 OE RAM exhaust by following the steps, shown in **Figure 1**.



Soak all bolts in penetrant fluid before working.

1. To begin you will remove the spare tire shown at arrow (A).
2. Loosen the OE clamp at arrow (B).
3. Remove the OE rubber hanger at arrow (C), this will allow you to remove the rear tail pipe section.
4. Remove the 2 bolts on the OE flange at arrow (D).
5. Remove the last 2 OE rubber hangers (E), this will allow the rear of OE exhaust to be removed.
6. Loosen clamps on the ball flares, at arrow (F), and slide the clamps off the flares, this will allow you to fully remove the OE front pipes.

Note: The OE metal gasket at the flange will be reused with your AWE exhaust.

Note: OE hangers WILL be reused.



STEP 2

Remove the OE gaskets from the ball flare sections, and put them on the flared ends of both of your AWE front pipes (**G55/G56**) as shown in **Figure 2**.

Note: It will be very beneficial to fold the tabs on the flange down over the lip of the flares as shown in **Figure 2**.

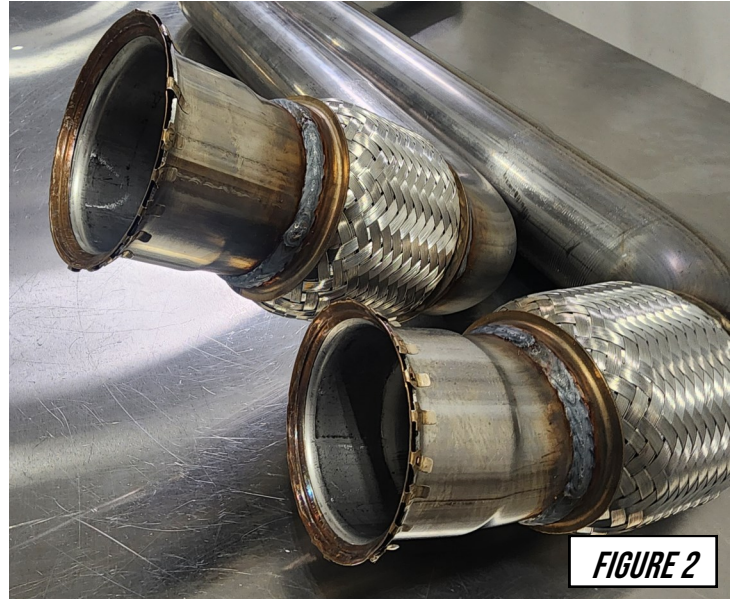


FIGURE 2

STEP 3

Slide the OE ball flare clamps over the flared ends of your AWE front pipes (**G55/G56**) to do this you will need to remove the nut and bolt, as shown in **Figure 3**.

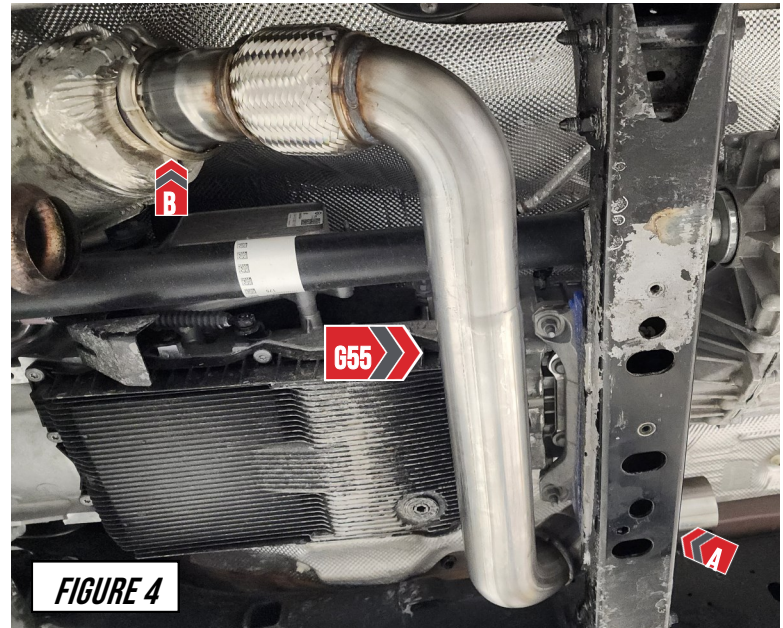


FIGURE 3

STEP 4

Begin your installation by first sliding the outlet end of your AWE driver side inlet tube over the chassis brace, shown at **(A)** in **Figure 4**. Next place the flared end of the tube against the ball flare on the rear most OE catalytic converter, and slide the clamp over the ball flare, as shown at **(B)**.

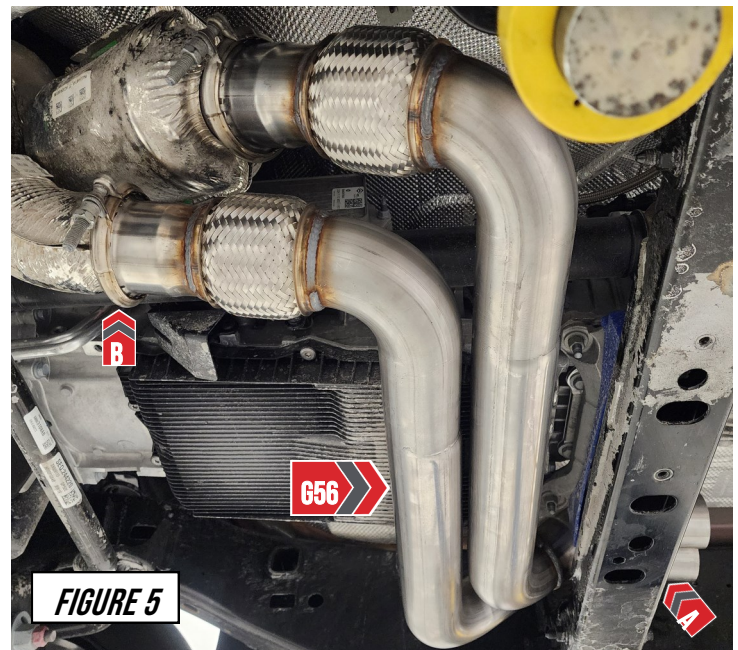
Reinstall the OE hardware that was removed from the clamps, Snug the clamp down, but do not fully tighten in at this time



STEP 5

Next gather your AWE passenger side inlet tube (**G56**), slide the outlet side of the tube over the chassis brace, as shown at **(A)** in **Figure 5**. Now place the flared end of the tube against the ball flare on the forward OE catalytic converter, and slide the clamp over the ball flare, as shown at **(B)**.

Reinstall the OE hardware that was removed from the clamps, Snug the clamp down, but do not fully tighten in at this time



STEP 6

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.

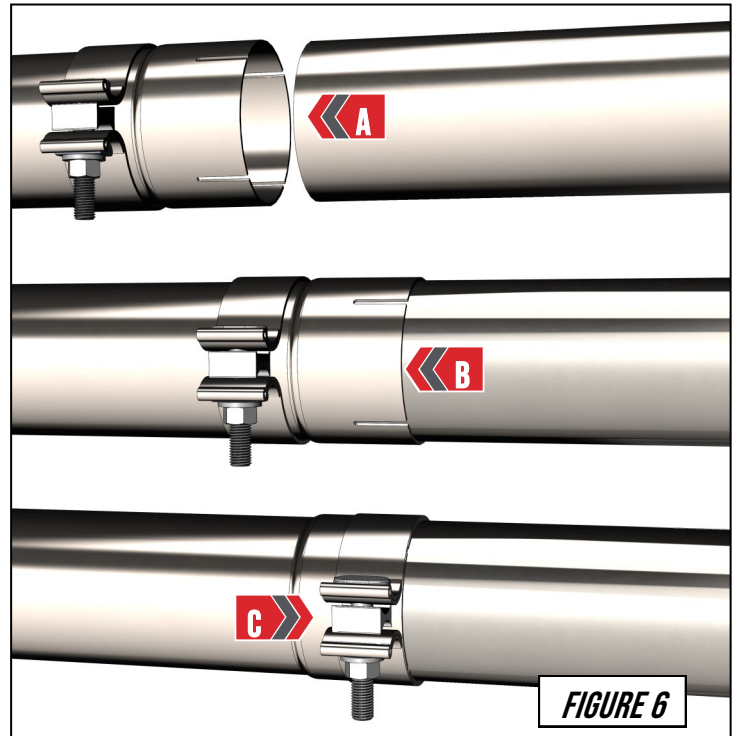
Arrow B shows the overlapping pipe installed correctly over the corresponding pipe.

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



NOTES:

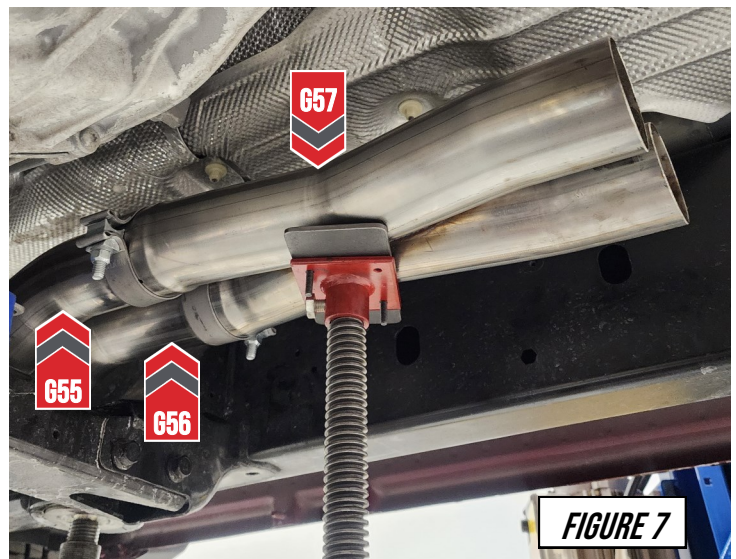
- **Do not** fully torque any exhaust clamp until the entire exhaust has been installed and adjusted.
- Torque specification is a **minimum** of 60 ft/lbs



STEP 7

Now gather your AWE x-pipe section (**G57**), and two provided clamps. Slide a clamp over the outlet side of each inlet section (**G55/G56**). Fully bottom out the expanded inlets of the x-pipe section on the inlet tubes, as shown in **Figure 7**. Snug the clamps over the slip fits but do not fully tighten them at this time.

Note: It will be beneficial to support the weight of the x-pipe in the center to allow for ease of installation.



STEP 8

Install your AWE passenger side HR section (**G59**), as shown in **Figure 8**.

Do this by sliding a clamp over the passenger side outlet of your x-pipe (**G57**), then bottom out the slip fit of your HR section on the outlet of the x-pipe. Rotate your HR section so the bend is pointing down in the vehicle. This will ensure proper fitment. Snug the clamp down on the slip fit, but do not fully tighten it at this time.



STEP 9A

To ensure proper clearance of the exhaust system, your HR muffler should be sitting approximately 1.5 inches away from the edge of the frame rail, as shown in **Figure 9A**.



STEP 9B

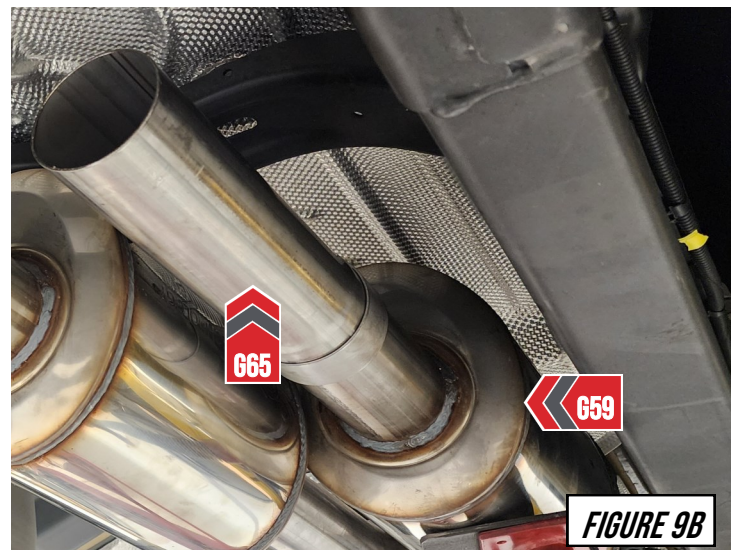
STEP 9B IS FOR LONG WHEEL BASE VEHICLES ONLY

Install your AWE long wheel base adapters (**G65**) as shown in **Figure 9B**.

Do this by sliding a clamp over the outlet end of your driver side HR tube (**G59**), and bottom out the expanded end of the long wheel base adapter on the outlet of the HR section.

Snug the clamp over the slip fit, but do not fully tighten it at this time.

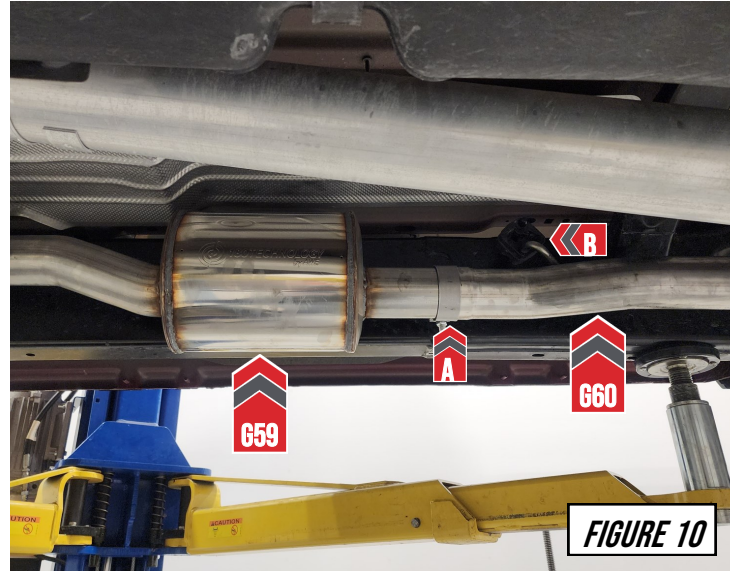
Note: Only one adapter is installed at this time.



STEP 10

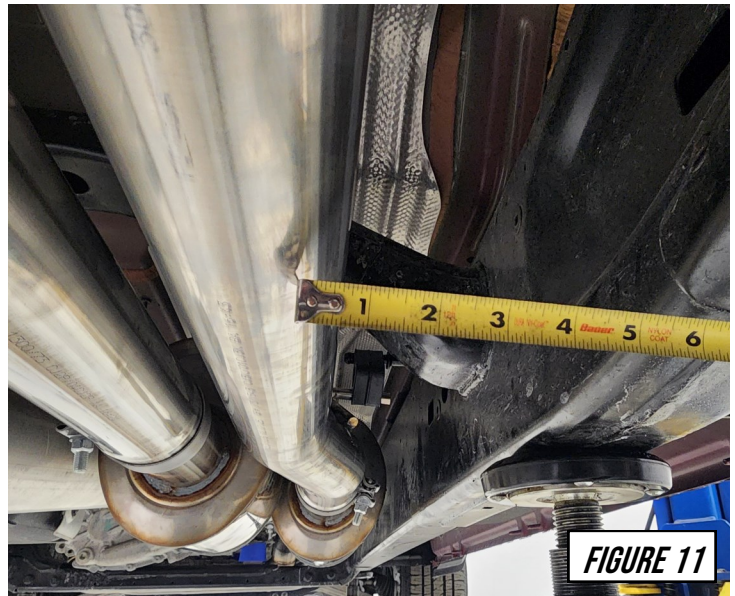
Now install your AWE passenger side mid tube (**G60**), as shown in **Figure 10**.

Do this by sliding a provided clamp over the outlet side of the driver side HR section (**G59**) or long wheel base adapter (**G65**). Now bottom out the expanded end of your passenger side mid tube on the outlet of the HR section, shown at (**A**). Lastly rotate the tube so you can install the hanger bar into the OE hanger, shown at (**B**). Snug the clamp down but do not fully tighten it at this time.



STEP 11

To ensure proper fitment of your exhaust system make your passenger side mid tube should sit approximately 5.5" away from the edge of the frame, as shown in **Figure 11**.



STEP 12

Gather your AWE driver side HR section (**G58**), and a provided clamp, and install it as shown in **Figure 12**.

Do this by sliding the clamp over the driver side outlet of the x-pipe (**G57**), and bottom out the slip fit of the HR section (**G58**), rotate the tube so the HR muffler sits pointing up in the cavity as shown. Snug the clamp but do not fully tighten it at this time.



STEP 13A

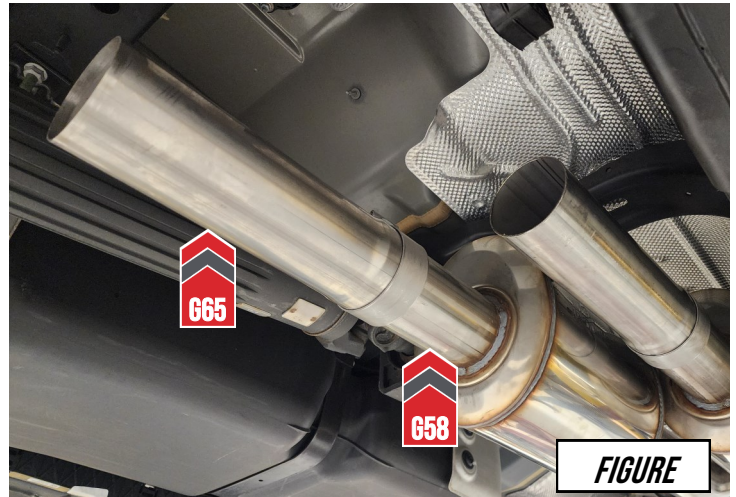
STEP 13A IS FOR LONG WHEEL BASE VEHICLES ONLY

Install your AWE long wheel base adapters (**G65**) as shown in **Figure 13A**.

Do this by sliding a clamp over the outlet end of your passenger side HR tube (**G58**), and bottom out the expanded end of the long wheel base adapter (**G65**) on the outlet of the HR section.

Snug the clamp over the slip fit, but do not fully tighten it at this time.

Note: Only one adapter is installed at this time.



STEP 13B

Install your AWE driver side mid tube (**G70**) as shown in **Figure 13B**.

Slide a provided clamp over the outlet of your driver side HR section (**G58**)/Long wheel base adapter (**G65**) and bottom out the slip fit of the mid tube on the outlet. Snug the clamp over the slip fit, but do not fully tighten it at this time.



STEP 14

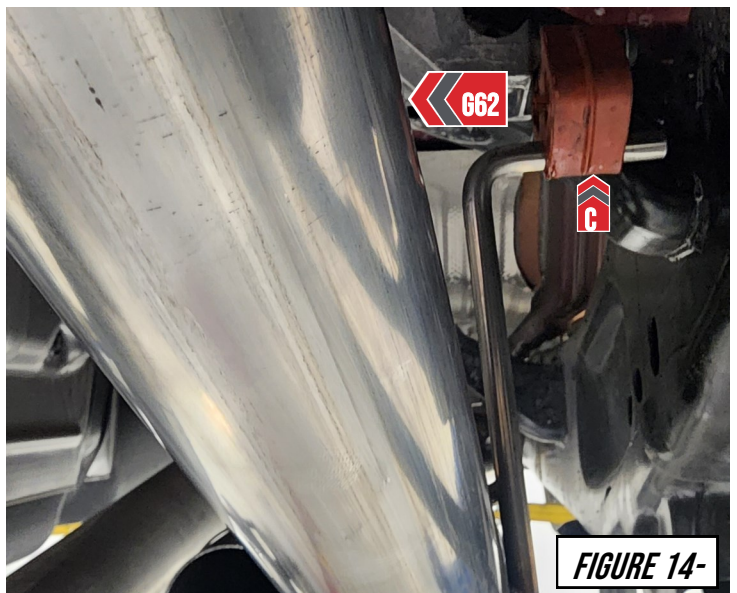
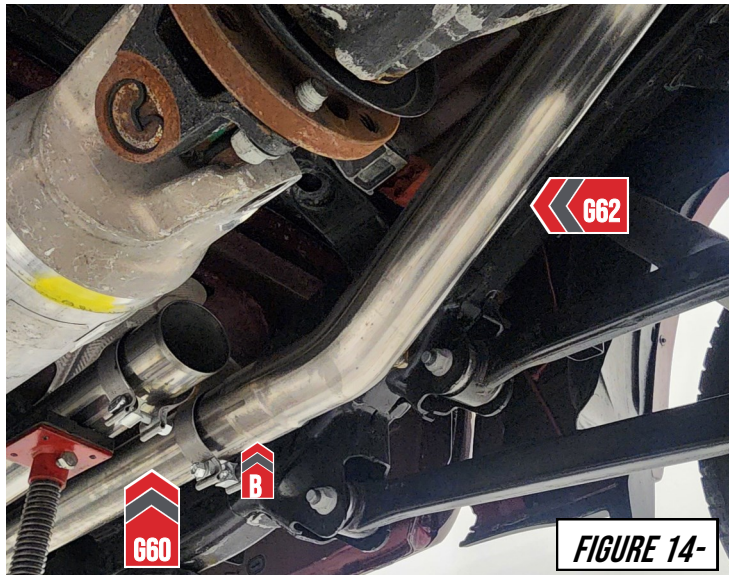
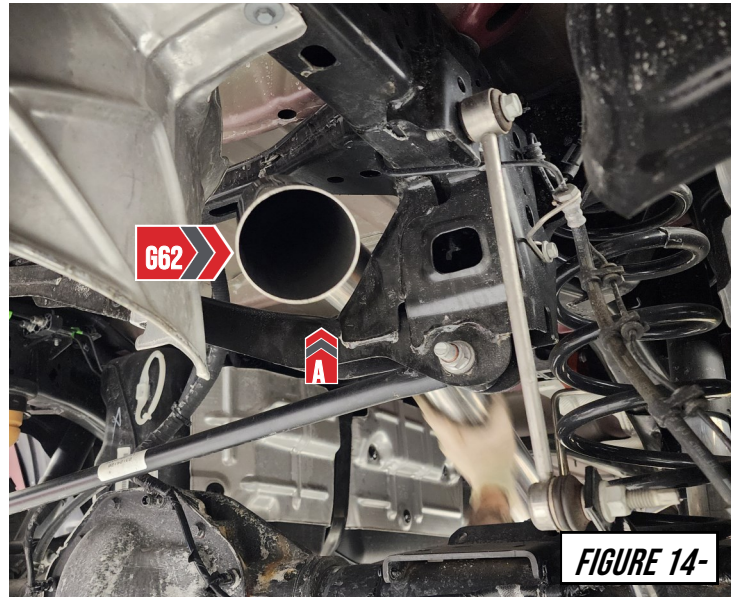
Gather your AWE passenger side axle tube (**G62**).

First slide the outlet side of the tube over the chassis brace, as shown at (**A**) in **Figure 14-1**.

Next slide a provided clamp over the outlet side of your passenger side mid tube (**G60**), then bottom out the expanded slip fit of the axle tube on the outlet of the mid tube, as shown at (**B**) in **Figure 14-2**.

Rotate your axle tube so the hanger bar slides into the OE rubber hanger as shown at (**C**) in **Figure 14-3**.

Lastly snug the clamp over the slip fit, but do not fully tighten it at this time.



STEP 15

Next install your AWE driver side axle tube (**G61**), as shown in **Figure 15**.

Do this by sliding the outlet of the tube over the axle, and between the fuel tank and spare tire heat shield, as shown in **Figure 15**.

Next slide a clamp over the outlet side of your driver side mid tube (**G70**), and bottom out the expanded end of the axle tube on the outlet of the mid tube, as shown at (**A**) in **Figure 15**.

Rotate the axle tube so the hanger bar slides into the OE rubber hanger as shown at (**B**), in **Figure 15**.

Snug the clamp down on the slip fit, but do not fully tighten it at this time.

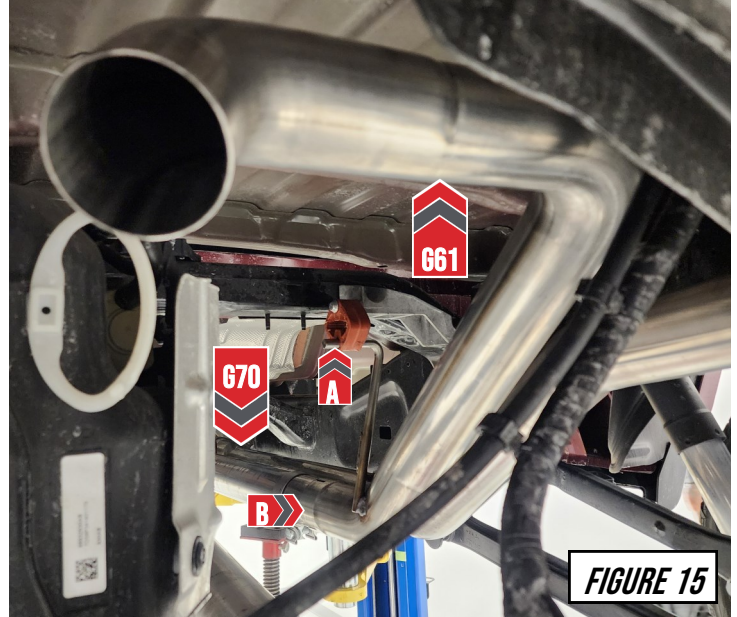


FIGURE 15

STEP 16

Gather your AWE driver side rear tube (**G63**), and install it as shown in **Figure 16**.

Do this by first sliding a clamp over the expanded end of your driver side rear tube, and bottoming out the slip fit on the outlet side of your driver side axle tube (**G61**) as shown at (**A**).

Next rotate the tube so the hanger bar slides into the OE rubber hanger, as shown at (**B**).

Snug the clamp down on the slip fit but do not fully tighten it at this time.

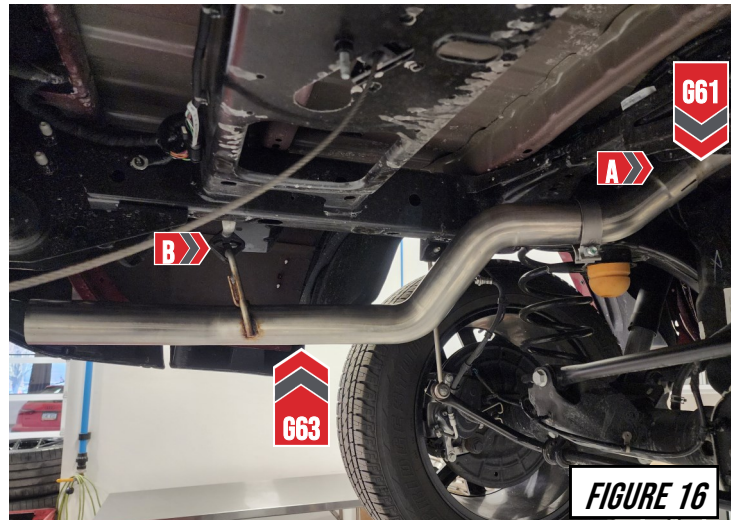


FIGURE 16

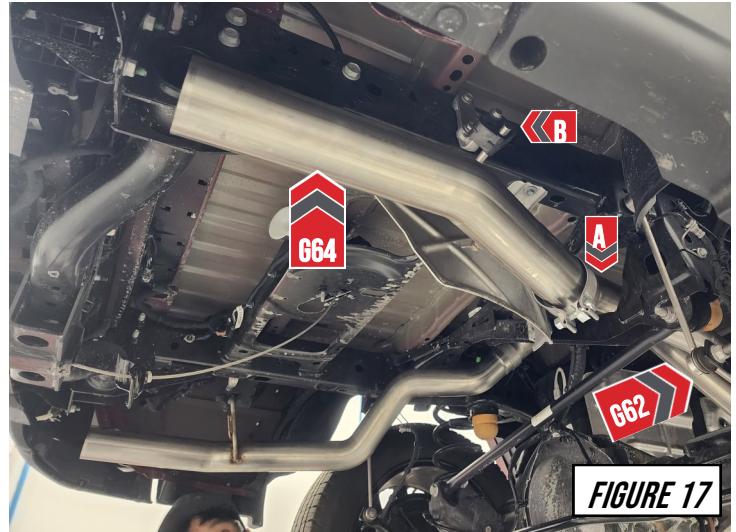
STEP 17

Gather your AWE passenger side rear tube (**G64**), and install it as shown in **Figure 17**.

Do this by first sliding a clamp over the expanded end of your passenger side rear tube, and bottoming out the slip fit on the outlet side of your passenger side axle tube (**G62**) as shown at (**A**).

Next rotate the tube so the hanger bar slides into the OE rubber hanger, as shown at (**B**).

Snug the clamp down on the slip fit but do not fully tighten it at this time.



STEP 18

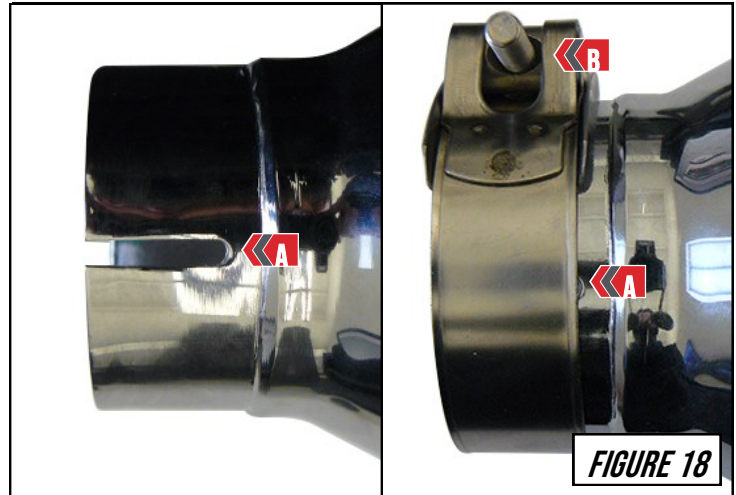
For the best tip fitment, align the barrel style tip clamp to cover *only* the slot, shown by **Arrow A**

Torque the tip clamp to 18 ft./lbs.



NOTES:

- It is required to apply anti-seize to the threads to prevent thread binding, shown by **Arrow B**
- It is okay to have the clamp extend beyond the edge of the tip inlet.



STEP 19

Install your AWE tips and leave the clamps loose to allow for adjustment, as shown in **Figure 19**



Note: Do not use an impact gun when tightening the clamp on the tip.



FIGURE 19

STEP 20

For the rear sections, hanger bar collar clamps are provided to prevent side to side movement of the exhaust system. After sliding the exhaust hanger bar through the OEM grommet, install the collar clamp on the outside end of the bar as shown in **Figure 20-1**.

Install your lock collars on the rear most hanger bars in the vehicle. The driver side as shown on (G63) in **Figure 20-2**. Then the passenger side as shown on (G64) in **Figure 20-3**.

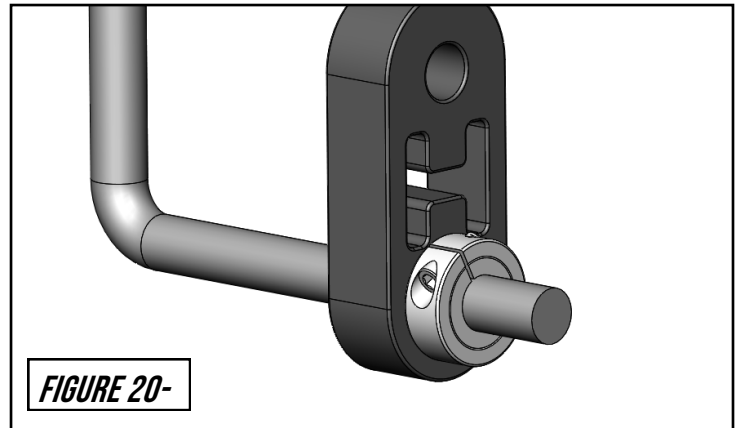


FIGURE 20-

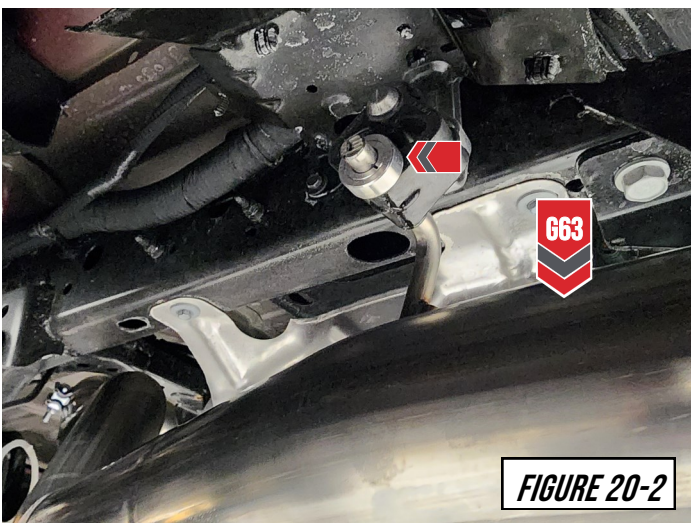


FIGURE 20-2

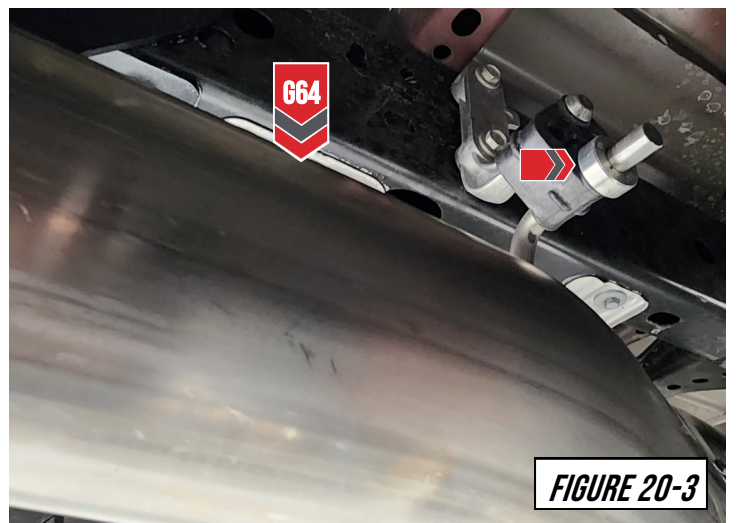


FIGURE 20-3

STEP 21

Make your final adjustments to the tips to ensure they are in a position you like. Once the desired positioning is achieved work from the front of the car to the back, tightening all the clamps fully and ensuring there is proper clearance of the chassis, and braces.

It is now recommended to drive the car to allow the exhaust to heat cycle after all clamps and tips are fully tightened.



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 see the next page for any troubleshooting needs!



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 FAQ/ 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.

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. For best results, we recommend [AWE's Fantastic Tip Tonic](#).

Any questions or comments,
please do not hesitate to contact us:

AWE
[CONTACT FORM](#)

WARRANTY

Up-to-date warranty information is found [HERE](#).