



INSTALLATION GUIDE: AWE EXHAUST FOR THE 3RD GEN TOYOTA TUNDRA

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:

- 3015-32063 AWE 0FG Exhaust for 3rd Gen Tundra - Chrome Silver Tips
- 3015-33063 AWE 0FG Exhaust for 3rd Gen Tundra - Diamond Black Tips
- 3015-28063 AWE 0FG Exhaust for 3rd Gen Tundra - Bashguard

Welcome to the AWE family, and congratulations on your purchase of the AWE Exhaust System for the 3rd Gen Toyota Tundra.

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

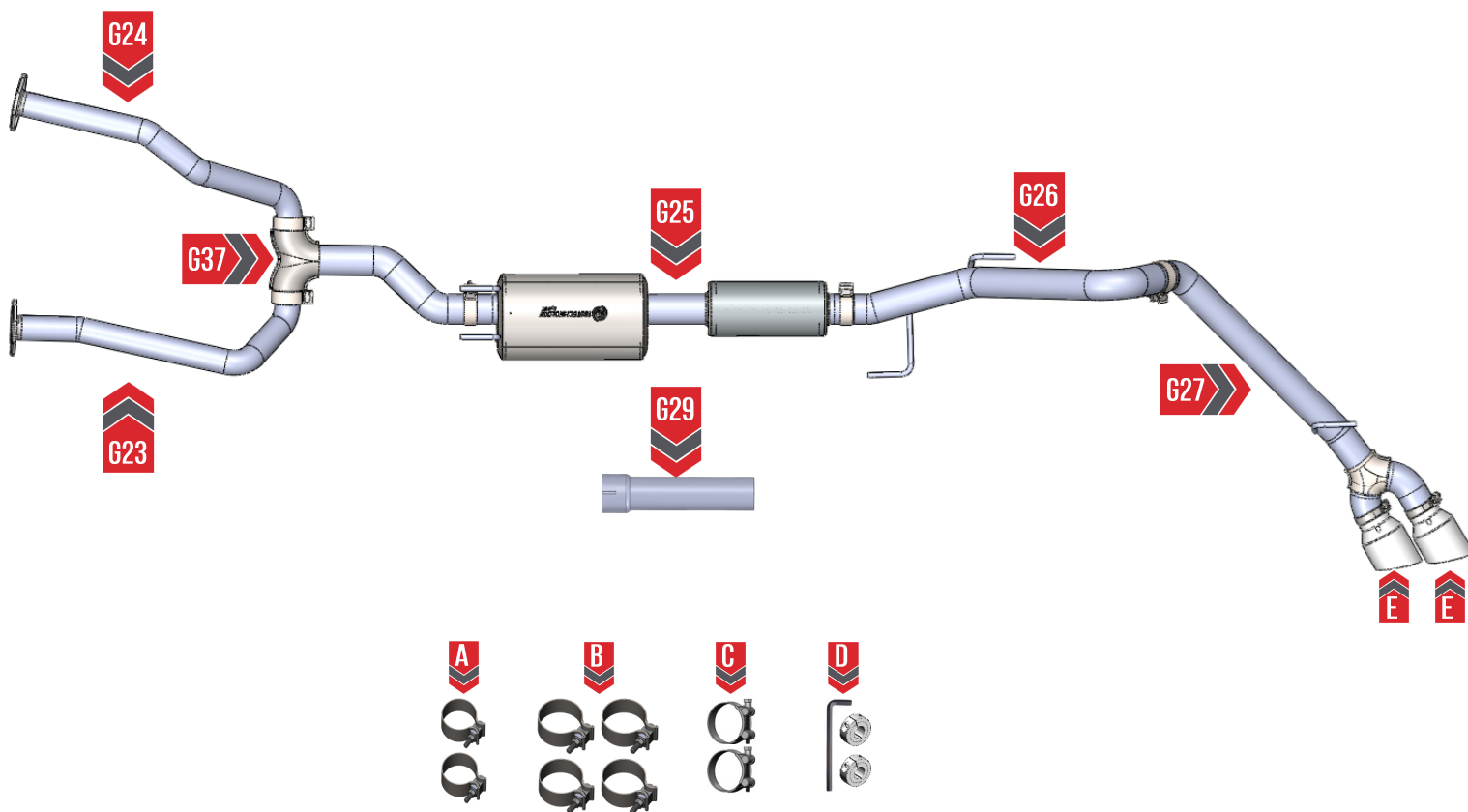
*For up to the minute fitment information, be sure to visit the AWE website. As always, AWE Performance Specialists are standing by for any questions, [right here](https://www.awe-tuning.com).

PARTS LIST (OFG DUAL SIDE EXIT EXHAUST)



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

Symbol	Part Number	Description	QTY
	G23	Toyota Tundra 3rd Gen OFG DS Inlet Tube	1
	G24	Toyota Tundra 3rd Gen OFG PS Inlet Tube	1
	G25	Toyota Tundra 3rd Gen OFG HR Section	1
	G26	Toyota Tundra 3rd Gen OFG Axle Tube	1
	G27	Toyota Tundra 3rd Gen OFG Tip Section	1
	G29	Toyota Tundra 3rd Gen OFG Wheelbase Adapter	1
	G37	Toyota Tundra 3rd Gen OFG Merge Section	1
A	180250	AWE 2.5" Band Clamp, Stainless	2
B	180300	AWE 3.0" Band Clamp, Stainless	4
C	BHM8X079SS00C	AWE 3.0" Barrel Clamp, Stainless	2
D	3910-11012	AWE 1/2" Split Collar Clamp Kit	1
E	160004	77mm Inlet, 114mm Outlet Chrome Plated laser Etched Logo	2
	160005	77mm Inlet, 114mm Outlet Black Chrome Plated laser Etched Logo	2

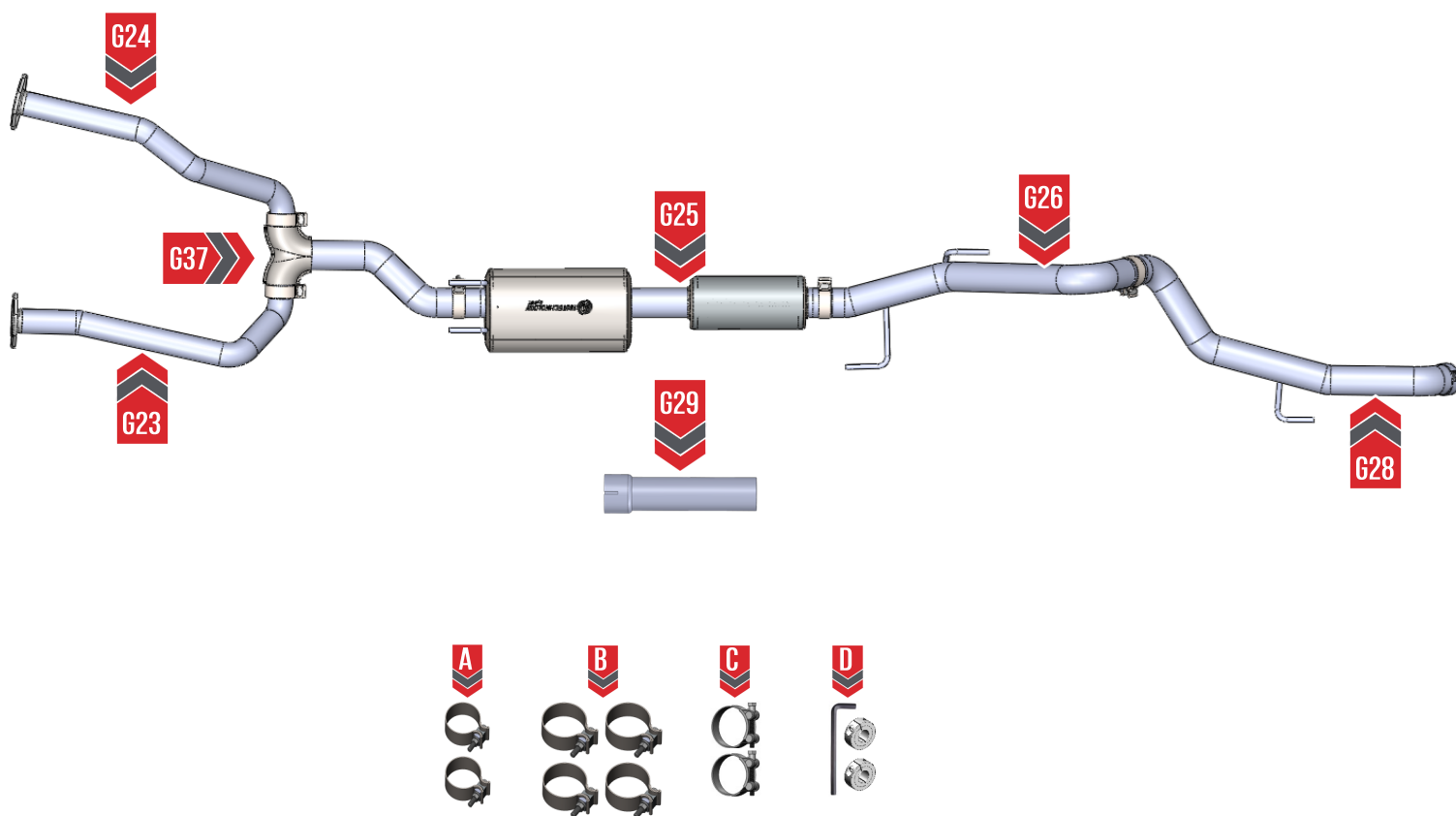


PARTS LIST (OFG BASHGUARD EXHAUST)



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

Symbol	Part Number	Description	QTY
	G23	Toyota Tundra 3rd Gen OFG DS Inlet Tube	1
	G24	Toyota Tundra 3rd Gen OFG PS Inlet Tube	1
	G25	Toyota Tundra 3rd Gen OFG HR Section	1
	G26	Toyota Tundra 3rd Gen OFG Axle Tube	1
	G27	Toyota Tundra 3rd Gen OFG Tip Section	1
	G29	Toyota Tundra 3rd Gen OFG Wheelbase Adapter	1
	G37	Toyota Tundra 3rd Gen OFG Merge Section	1
A	180250	AWE 2.5" Band Clamp, Stainless	2
B	180300	AWE 3.0" Band Clamp, Stainless	4
C	BHM8X079SS00C	AWE 3.0" Barrel Clamp, Stainless	2
D	3910-11012	AWE 1/2" Split Collar Clamp Kit	1





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



Soak all bolts, and rubber hangers in penetrating oil before starting any work.

1. To begin, remove your spare tire located at (A).
2. Remove the OE tail pipe flange hardware at (B).
3. Remove the OE rubber hanger shown at (C). This will allow you to fully remove the OE tailpipe
4. Remove the OE hardware shown at (D). This will allow you to remove the OE front pipe. The springs and bolts will be reused.
5. Remove OE front pipe hardware shown at (E). The springs and bolts will be reused.
6. Lastly, remove the hanger bars from the OE rubber hangs, as shown at (F). This will allow you to fully remove the muffler section.

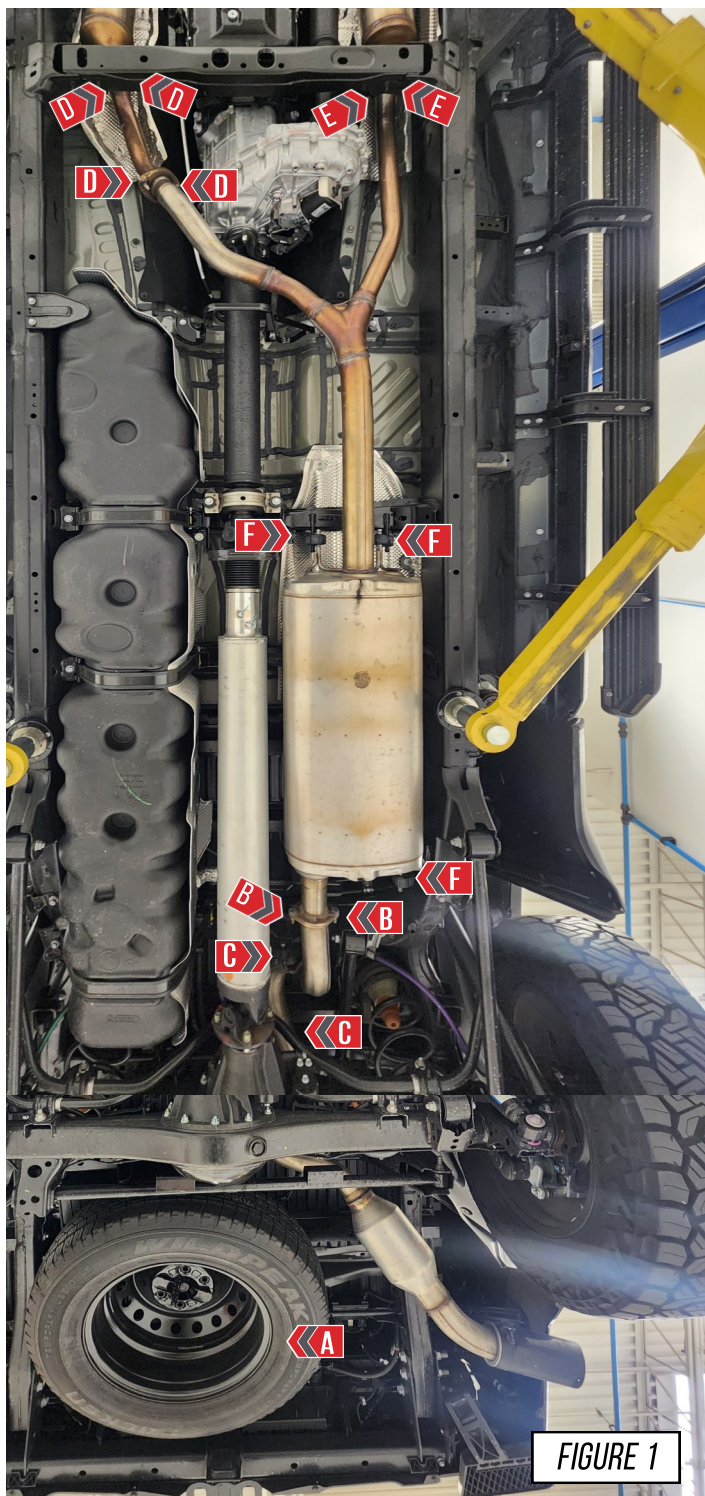


FIGURE 1

STEP 2

Begin installing your AWE exhaust system by installing your AWE driver side inlet tube (**G23**), as shown in **Figure 2**.

Using the OE spring bolts, snug the flange down, but do not fully tighten it at this time.

It is helpful to install the driver side bolt before the passenger side.

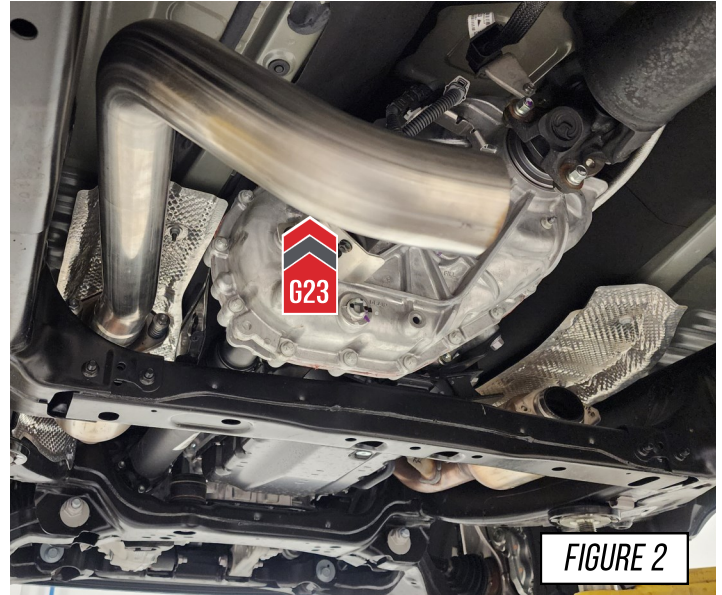


FIGURE 2

STEP 3

Next install your AWE passenger side inlet tube (**G24**), as shown in **Figure 3**.

Using the OE spring bolts, snug the flange down, but do not fully tighten it at this time.



FIGURE 3

STEP 4

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.

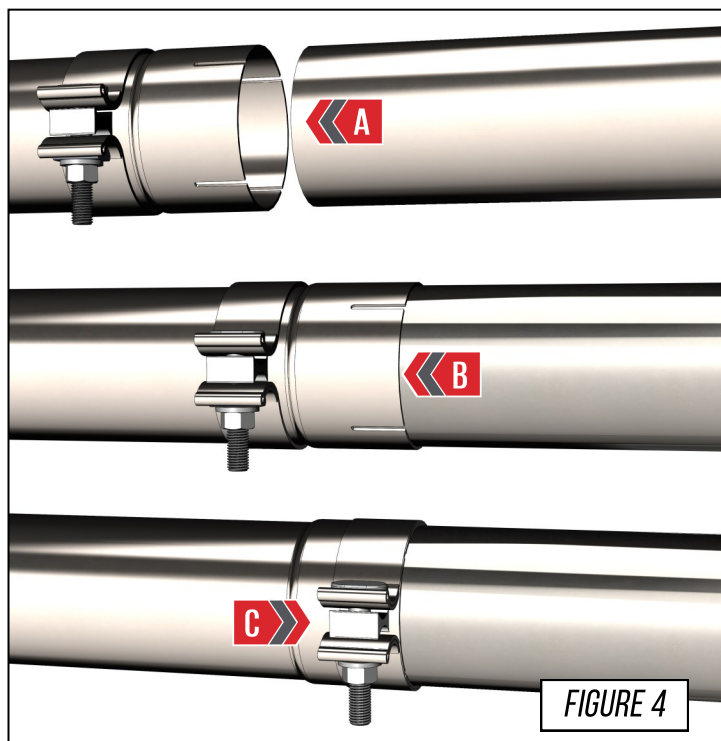
Arrow B shows the overlapping pipe installed correctly over the corresponding pipe.

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 5

Now install your AWE merge section (**G37**), as shown in **Figure 5**.

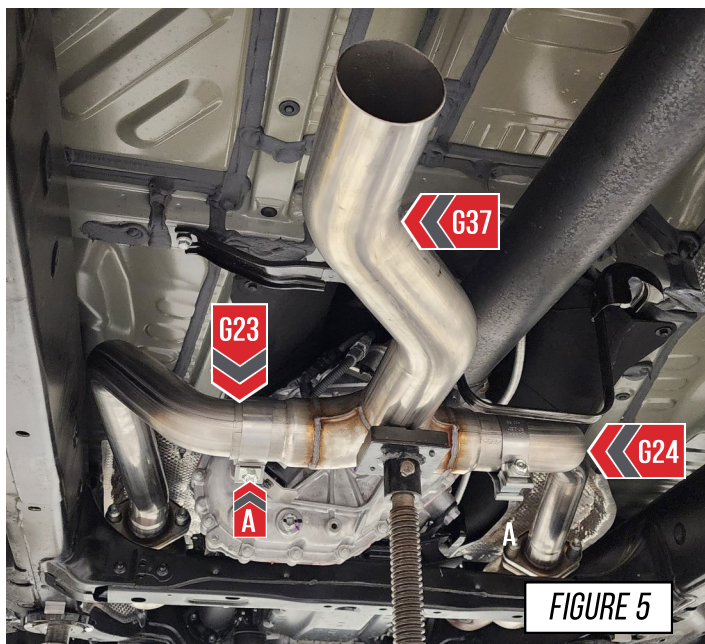
Do this by first sliding the provided 2.5" clamps over both inlet sides, as shown at (**A**).

First bottom out your driver side inlet tube (**G23**) into the merge section. Now bottom out the passenger side inlet tube (**G24**) into the merge section.

Adjust your merge section (**G37**) so it is flat, and support it with a pole jack.

Now snug the clamps, but do not fully tighten them.

You can fully tighten the flange bolts on both inlet tubes at this time.



STEP 6



Step 6 applies to long wheel base trucks only, if you do not have a long wheel base truck skip to Step 7.

Install your AWE long wheel base adapter (**G29**), as shown in **Figure 6**.

Do this by sliding a provided 3" clamp over the expanded end of the tube, and bottom out the slip fit on the outlet side of the merge section (**G37**). Snug the clamp, but do not fully tighten it at this time.

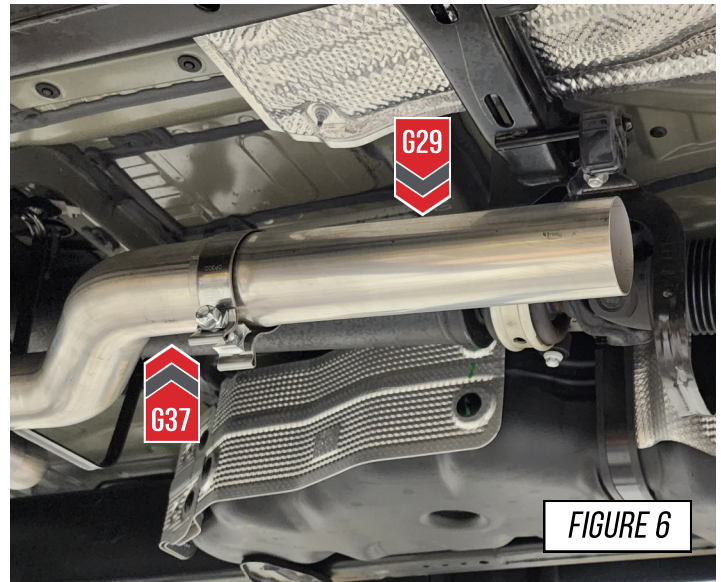


FIGURE 6

STEP 7

Now install your AWE HR section (**G25**), as shown in **Figure 7**.

Do this by sliding a provided 3" clamp over the expanded end of the HR section. Now bottom out the HR section on the outlet side of your AWE merge section (**G37**), or your AWE long wheel base extender (**G29**).

Slide the hanger bars into the OE hangers, shown at (**A**) this will set the HR muffler at the appropriate angle.



FIGURE 7

STEP 8

Now install your AWE axle tube (**G26**).

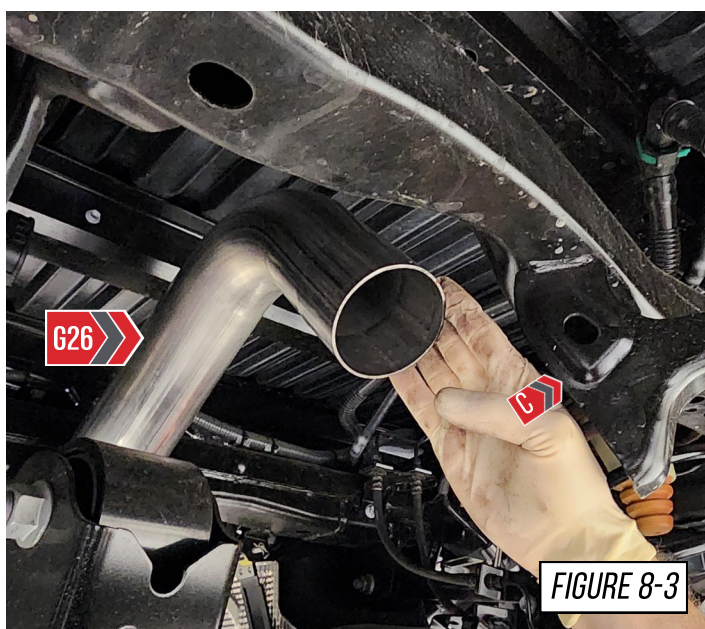
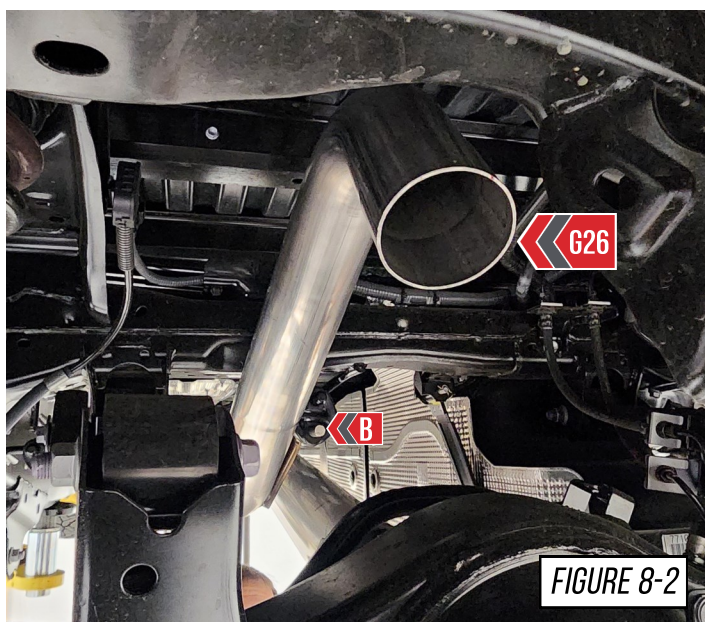
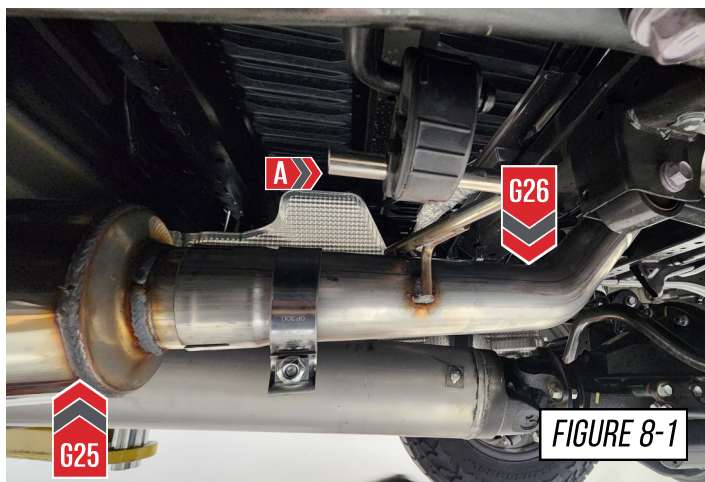
First slide a provided 3" clamp over the expanded end of the over axle tube. Now position the outlet side of the tube over the axle.

Bottom out the expanded slip fit on the outlet side of the HR section, and rotate the tube so you can install the hanger bar into the OE rubber hanger, as shown at (**A**) in **Figure 8-1**.

Next install the hanger bar into the OE hanger, as shown at (**B**), in **Figure 8-2**.

Lastly, ensure there is enough gap from the spare tire bracket (**C**) to the over axle tube. If there is not enough space to fit your hand between the over axle tube, and the spare tire bracket, pivot the tube towards the driver side of the car.

Once you have ensured there is enough space around the over axle tube, snug the clamp but do not fully tighten it at this time.





**STEP 9 IS FOR BASHGUARD INSTALLATIONS ONLY IF YOU ARE NOT
INSTALLING A BASHGUARD SKIP TO STEP 12**



STEP 9

Install your AWE bashguard (**G28**).

First slide the hanger bar into the OE rubber hanger, shown at (**A**), in **Figure 9-1**.

Next slide a provided 3" clamp over the expanded side, and bottom out the slip fit on the outlet side of the over axle tube (**G26**). Snug the clamp but do not fully tighten it at this time.



FIGURE 9-1

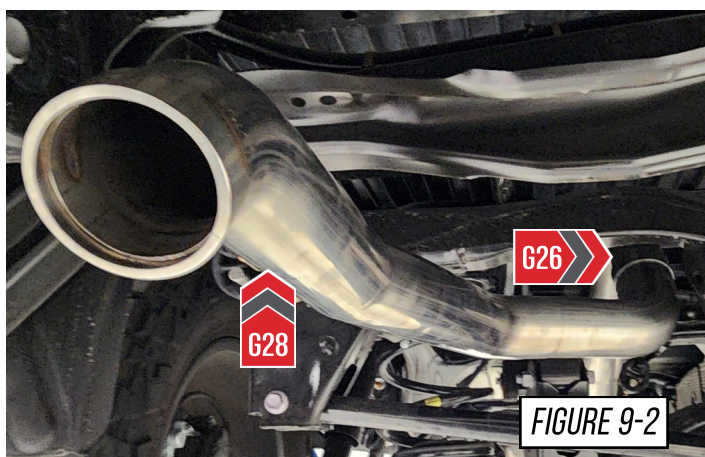


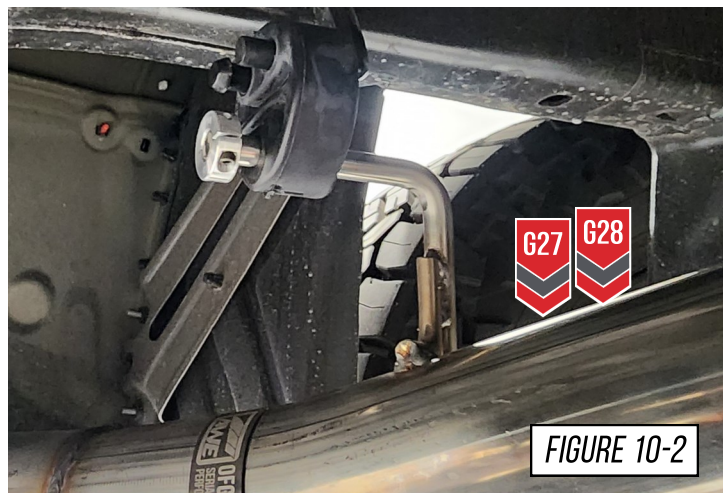
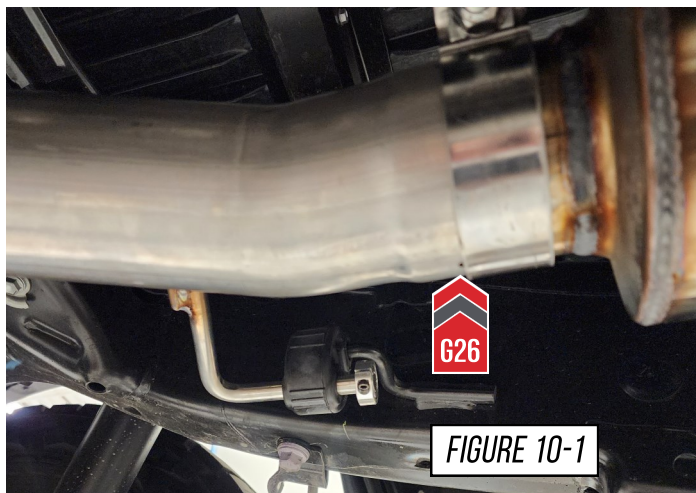
FIGURE 9-2

STEP 10

Install the first lock collar flush with the end of the driver side hanger bar on your over axle tube (G26), shown in **Figure 10-1**

Install the second lock collar flush with the end of the hanger bar on your bashguard section (G28), as shown in **Figure 10-2**

Installing your lock collars flush with the end of the hanger bar will allow the hanger bars to move with heat expansion while still keeping the exhaust in the desired position.



STEP 11

With your complete AWE exhaust system installed, all clamps tightened and the bashguard in the desired position. It is now recommended to drive the car to allow the exhaust to heat cycle ensure there is proper clearance from the frame rails and suspension components.

It is 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!

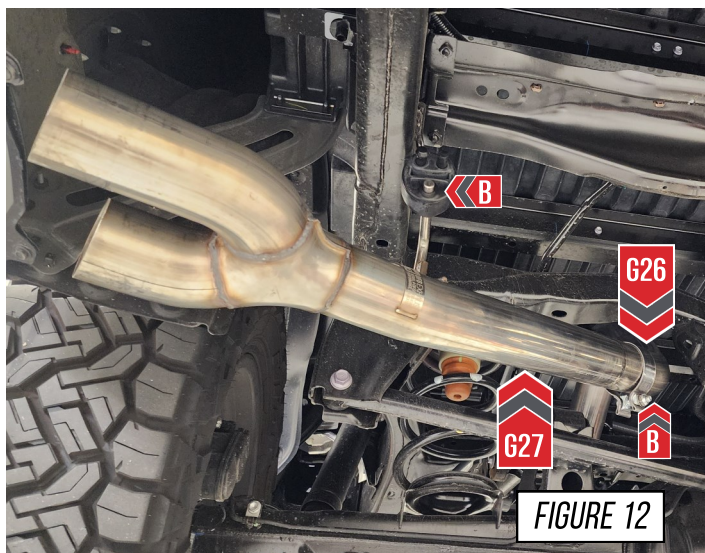


STEP 12

Install your AWE tip section (**G27**), as shown in **Figure 12**.

First slide the hanger bar into the OE rubber hanger, as shown at (**A**).

Next slide a provided 3" clamp over the expanded side, and bottom out the slip fit on the outlet side of the over axle tube (**G26**). Snug the clamp but do not fully tighten it at this time.



STEP 13

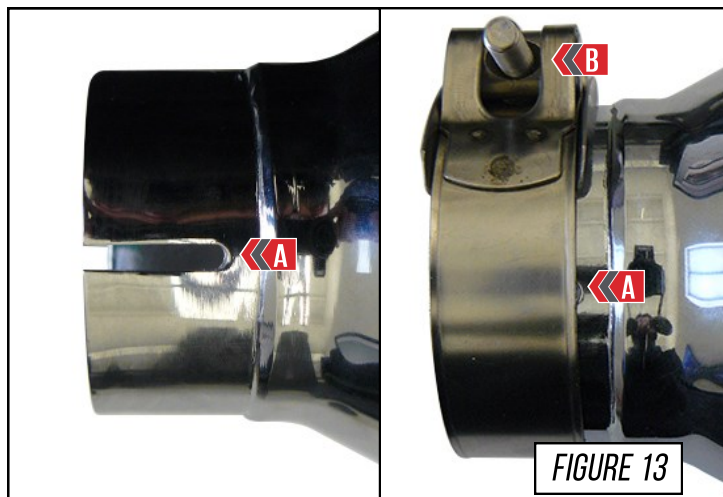
For the best tip fitment, align the barrel style tip clamp to cover *only* the slot, shown by **Arrow A**.

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 14

Using the provided barrel clamps install your two AWE tips, as shown in **Figure 14**.

The AWE logos should be facing up.

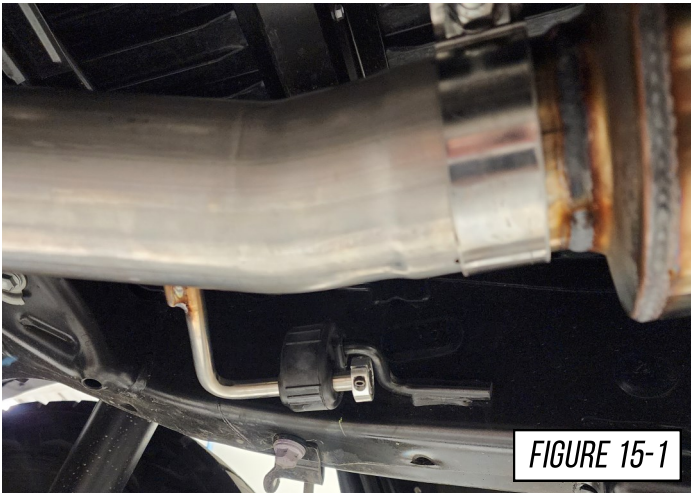


STEP 15

Install the first lock collar flush with the end of the driver side hanger bar on your over axle tube (**G26**), shown in **Figure 15-1**

Install the second lock collar flush with the end of the hanger bar on your bashguard section (**G28**), as shown in **Figure 15-2**

Installing your lock collars flush with the end of the hanger bar will allow the hanger bars to move with heat expansion while still keeping the exhaust in the desired position.



STEP 16

With your 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 ensure there is proper clearance from the frame rails and suspension components.

It is 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 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.

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

AWE
[CONTACT FORM](#)

WARRANTY

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