



## **INSTALLATION GUIDE: THE AWE EXHAUST FOR THE CHEVROLET CORVETTE C6 6.0L (2005-2007) AND 6.2L (2008)**

For up-to-date fitment information, please visit the [AWE website](#).

### **THIS GUIDE IS INTENDED FOR THE FOLLOWING PART NUMBERS:**

- 3020-42660 AWE Track Edition Axleback Exhaust for C6 Chevrolet Corvette 6.0L (2005-2007) and 6.2L (2008) - Chrome Silver Tips
- 3020-43660 AWE Track Edition Axleback Exhaust for C6 Chevrolet Corvette 6.0L (2005-2007) and 6.2L (2008) - Diamond Black Tips
- 3015-42660 AWE Touring Edition Axleback Exhaust for C6 Chevrolet Corvette 6.0L (2005-2007) and 6.2L (2008) - Chrome Silver Tips
- 3015-43660 AWE Touring Edition Axleback Exhaust for C6 Chevrolet Corvette 6.0L (2005-2007) and 6.2L (2008) - Diamond Black Tips
- 3010-11660 AWE X-Pipe for C6 Chevrolet Corvette 6.0L (2005-2007) and 6.2L (2008)

Welcome to the AWE family, and congratulations on your purchase of the AWE Exhaust for the Corvette C6 6.0L (2005-2007) and 6.2L (2008).

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](#).

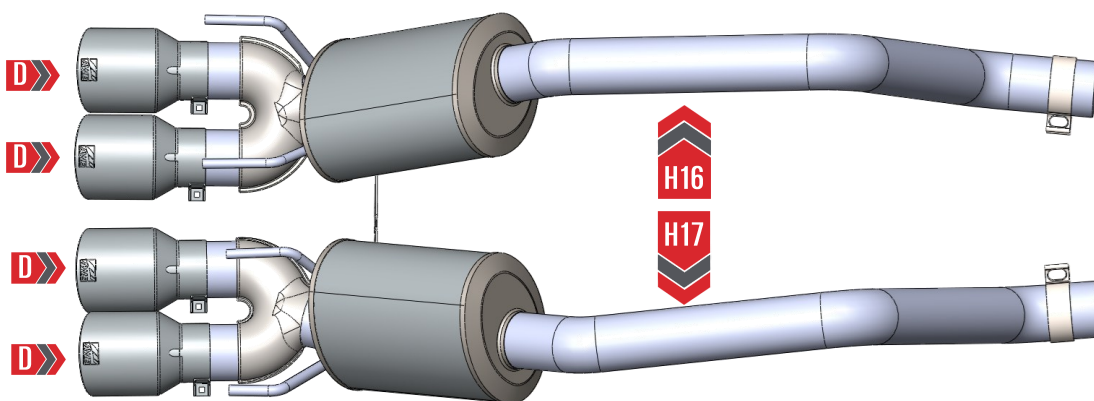


# PARTS LIST (TOURING SYSTEMS)



Inspect **ALL** parts prior to disassembly of vehicle; If damaged or **MISSING**, please hit our [support form](#) and we will get this sorted fast!

Symbol	Part Number	Description	QTY
	H16	Chevy Corvette C6 6.0L (2005-2007) and 6.2L (2008) DS Touring Rear Section	1
	H17	Chevy Corvette C6 6.0L (2005-2007) and 6.2L (2008) PS Touring Rear Section	1
<b>A</b>	180250	AWE 2.5" Band Clamp	2
<b>B</b>	3910-11013	AWE Logo Bracket Hardware Kit	1
<b>C</b>	3910-41010	**Only takes 1 of these kits per set of 2 or 4 tips** Hardware Kit for Integrated Clamp Style Exhaust Tips - Quad	1
<b>D</b>	180014	4.50" OD x 3.00" ID, Slash Cut, Chrome Silver, AWE logo, Integrated Clamp	4
	180015	4.50" OD x 3.00" ID, Slash Cut, Diamond Black, AWE logo, Integrated Clamp	4



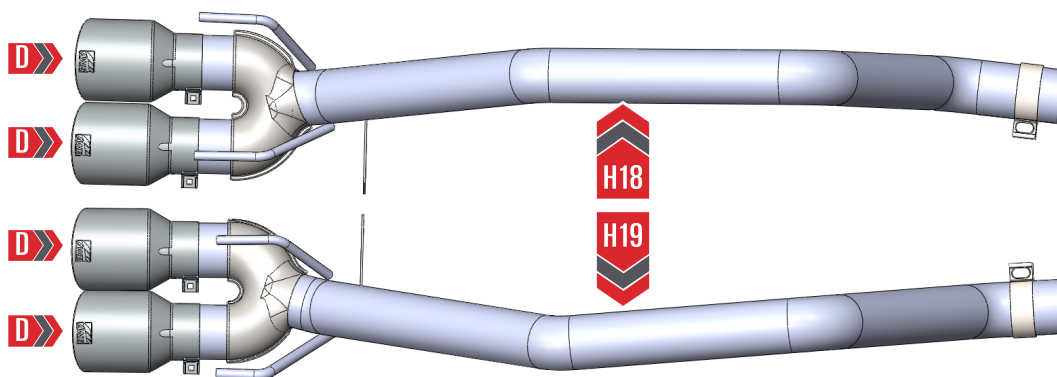


# PARTS LIST (TRACK SYSTEMS)



Inspect **ALL** parts prior to disassembly of vehicle; If damaged or **MISSING**, please hit our [support form](#) and we will get this sorted fast!

Symbol	Part Number	Description	QTY
	H18	Chevy Corvette C6 6.0L (2005-2007) and 6.2L (2008) DS Track Rear Section	1
	H19	Chevy Corvette C6 6.0L (2005-2007) and 6.2L (2008) PS Track Rear Section	1
<b>A</b> >>	180250	AWE 2.5" Band Clamp	2
<b>B</b> >>	3910-11013	AWE Logo Bracket Hardware Kit	1
<b>C</b> >>	3910-41010	**Only takes 1 of these kits per set of 2 or 4 tips** Hardware Kit for Integrated Clamp Style Exhaust Tips - Quad	1
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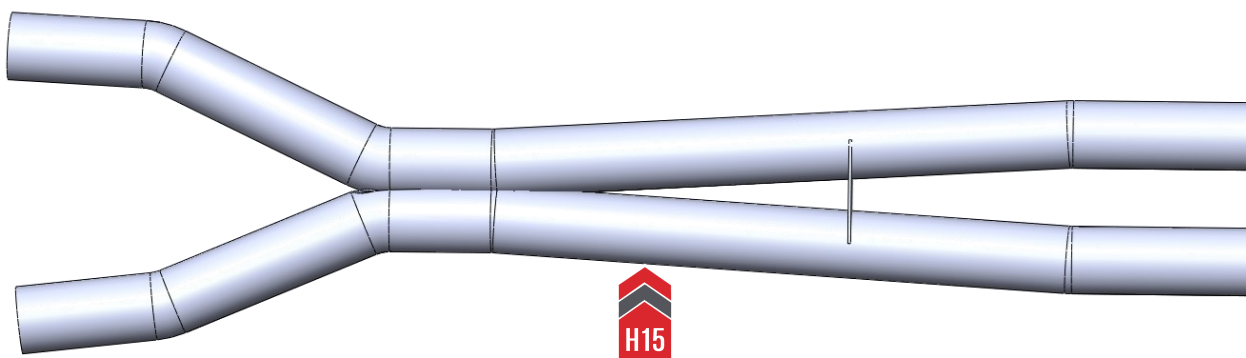


# PARTS LIST (C6 2005-2008 X-PIPE)



Inspect **ALL** parts prior to disassembly of vehicle; If damaged or **MISSING**, please hit our [support form](#) and we will get this sorted fast!

Symbol	Part Number	Description	QTY
	H15	Chevy Corvette C6 6.0L (2005-2007) and 6.2L (2008) X-Pipe	1
	180250	AWE 2.5" Band Clamp	2







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



**NOTE:** If you are only installing an axleback system, we still found it easiest to remove the full OE exhaust and reinstall the OE X-pipe after installing your AWE system opposed to trying to only remove the OE muffler sections.



**IMPORTANT:** The removal of the OE muffler sections has to be done with the vehicle fairly high off of the ground to achieve removal without cutting up the OE system (see **Step 7** for reference). We **HIGHLY** recommend this installation to be completed on a lift



**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.**

Remove the hardware shown at (A) that holds the spring hangers to the bracket, shown in **Figure 1-1**.

Loosen the OE clamps shown at (B) in **Figure 1-2**.



**If you are only installing an AWE X-Pipe continue to Step 6.**

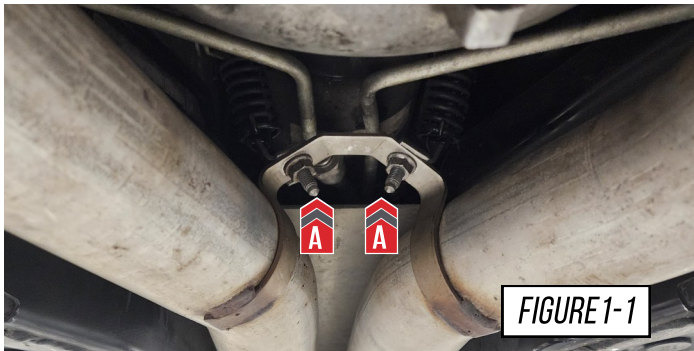


FIGURE 1-1

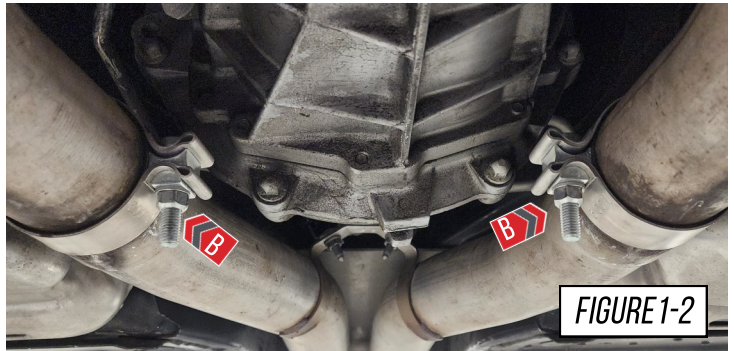


FIGURE 1-2

## STEP 2

**Step 2 is for automatic cars only. If you have a manual transmission you can skip this step.**

Using a 15mm wrench remove the shift linkage bolt, shown at (A) in **Figure 2**.

This will give the clearance needed to complete the install without risking damage to the shift linkage.

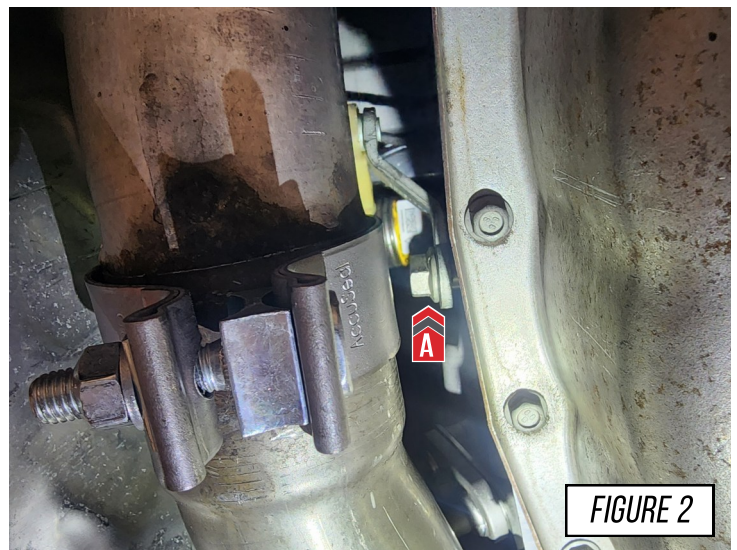


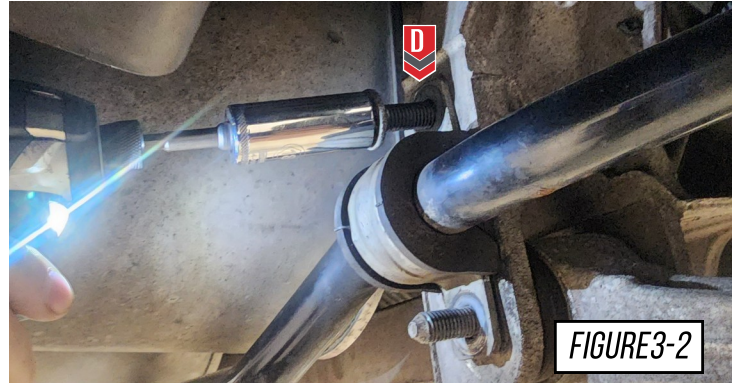
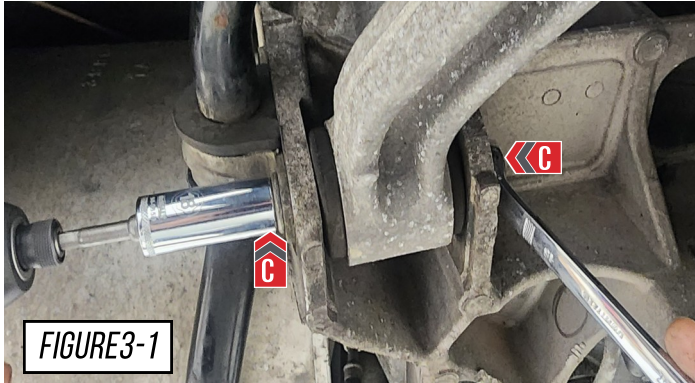
FIGURE 2



## STEP 3

Remove the hardware shown at (A) that holds the spring hangers to the bracket, shown in **Figure 3-1**.

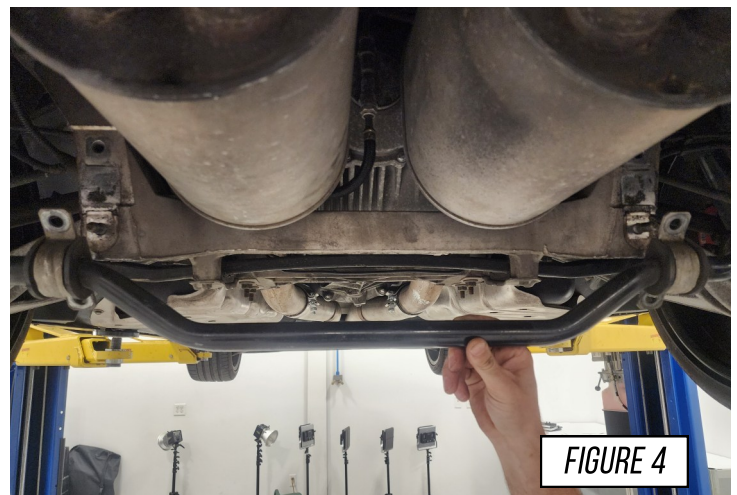
Loosen the OE clamps shown at (B) in **Figure 3-2**.



## STEP 4

With the OE sway bar hardware removed pull it off of the OE studs, and down out of the way, as shown in **Figure 4**.


This will allow for proper clearance to remove your OE muffler sections.

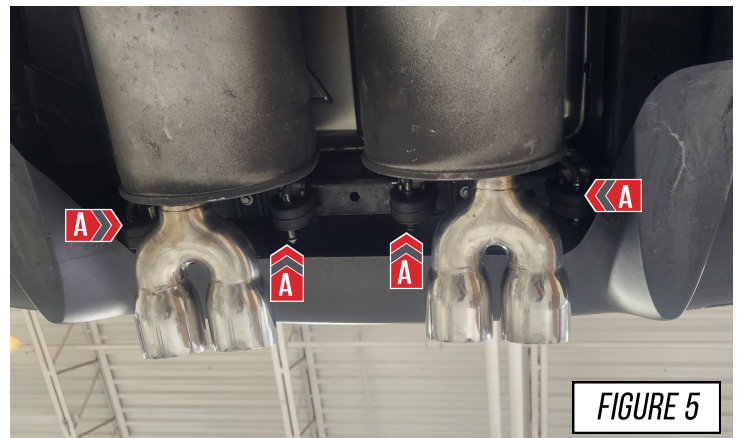


## STEP 5

Fully remove the OE rubber hangers, as shown at (A), in **Figure 5**.

Do this by removing the OE hardware, which will allow the hangers, to drop out of the car, and rest on the OE hanger bars.

 **Note:** The OE hangers, and hardware will be reused with the installation of your AWE axleback system. To ensure correct tip alignment take a moment to exam your OE rubber hangers. If they are worn, stretched or damaged contact your local dealer for replacements. OE part number **22822466**





## STEP 6

Remove the OE flanger hardware, shown at (A) in **Figure 6-1**. All of the hardware will be re-used.

With the hardware removed, slide the flanges back towards the rear of the car.

Push the whole mid section back, and once it is clear from the gaskets, and OE studs pull it down, as shown in **Figure 6-2**.

**If you are only installing an AWE X-pipe continue to Step 11.**

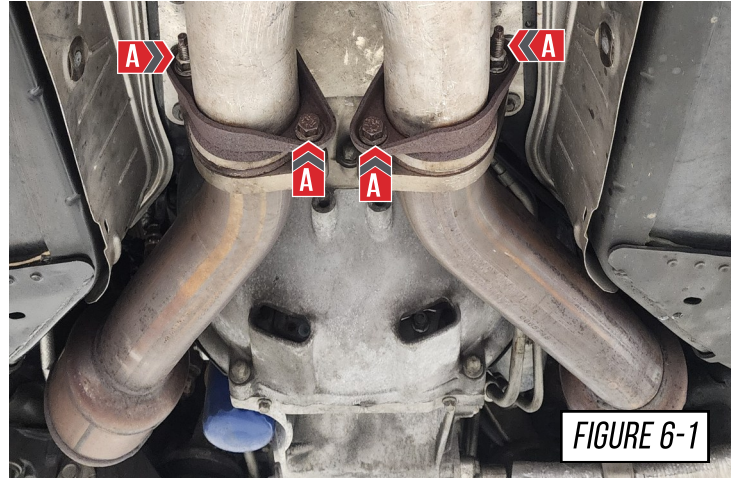


FIGURE 6-1



FIGURE 6-2

## STEP 7

With the OE mid section removed, you can fully remove the OE muffler sections.

Do this by pulling the OE muffler down, and back out of the car, as shown in **Figure 7**.

Remove the OE hangers from the hanger bars on the muffler section.

Repeat for the other muffler section.



FIGURE 7

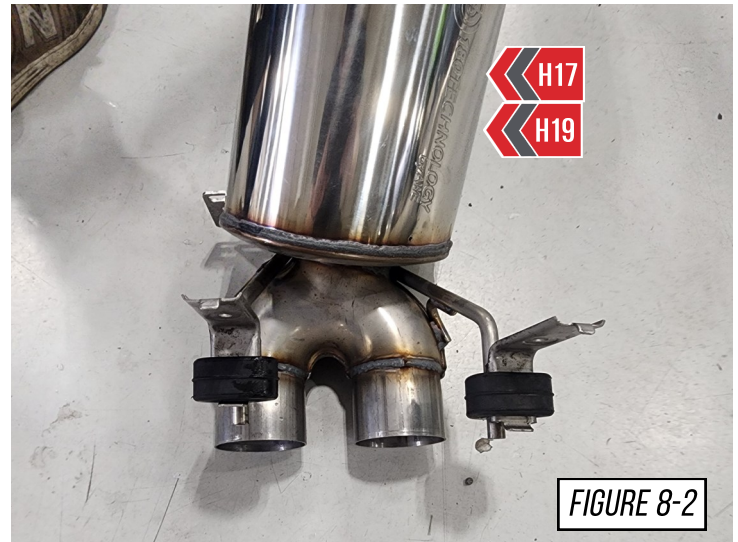
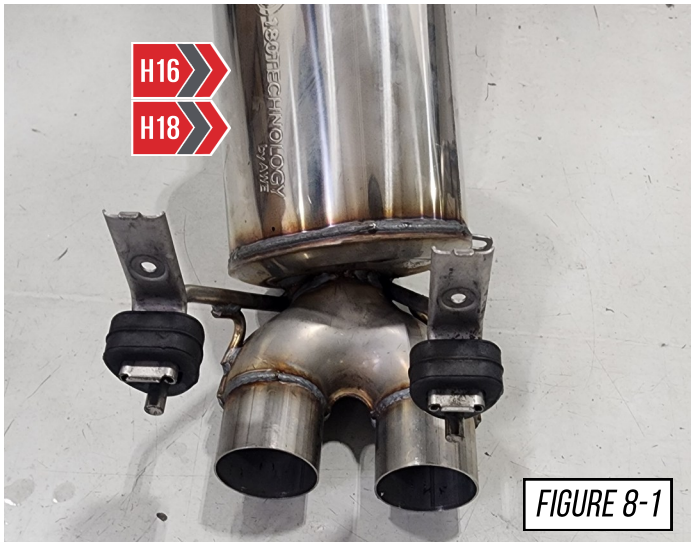


## STEP 8

With the OE hangers removed from the OE muffler sections install the hangers onto their respective sides.

Install the driver side OE rubber hangers onto your AWE driver side rear section (**H11/H13**) as shown in **Figure 8-1**.

Install the passenger side OE rubber hangers onto your AWE passenger side rear section (**H12/H14**) as shown in **Figure 8-2**.

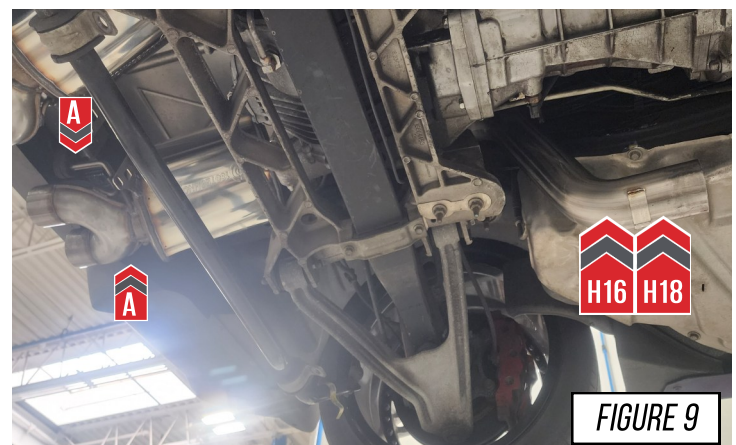


## STEP 9

Gather your AWE driver side rear section (**H11/H13**), and install it as shown in **Figure 9**.

Do this by first sliding the inlet side of the muffler tube over the rear axle towards the front of the car.

Now using the OE hardware reinstall the OE rubber hangers into the vehicle, as shown at (**A**)



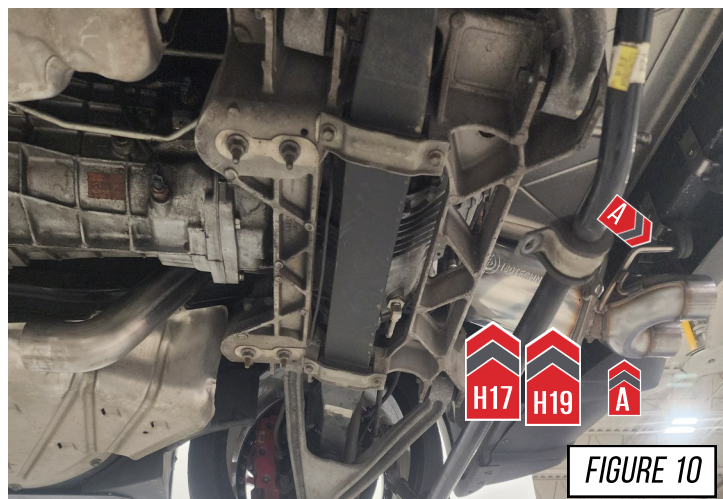


## STEP 10

Gather your AWE passenger rear section (**H12/H14**), and install it as shown in **Figure 10**.

Do this by first sliding the inlet side of the muffler tube over the rear axle towards the front of the car.

Now using the OE hardware reinstall the OE rubber hangers into the vehicle, as shown at (**A**)





## STEP 11

If you are only installing the AWE axleback this step will reuse your OE mid section, and hardware.

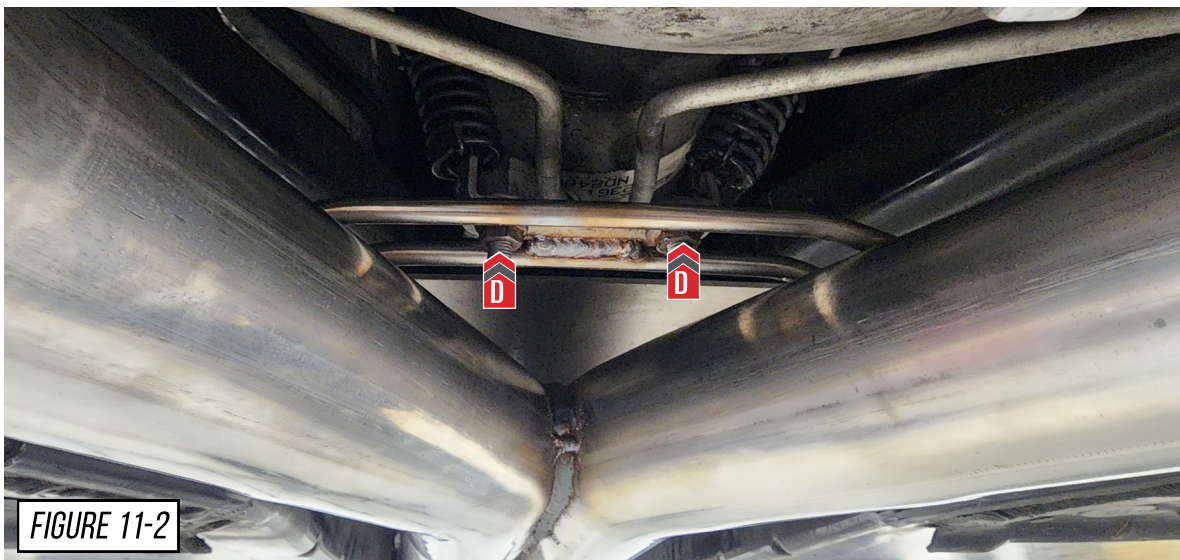
Gather your AWE X-Pipe (**H10**) and the 2 provided clamps. Slide the 2 clamps over the expanded outlet sides of the tubes, with the bolts oriented towards the center of the car, as shown at (**A**) in **Figure 11-1**.

Bottom out the 2 slip fits, on the over axle tubes, as shown at (**B**). You may need to wiggle and rock the X-pipe to get bot over axle tubes fully seated in the slip joints.

Now pivot the X-pipe inlets over the OE gaskets being careful not to damage them, as shown at (**C**).

Lastly reinstall the OE spring hanger bolts to the hanger bracket, as shown at (**D**) in **Figure 11-2**.

**Note:** If your OE gaskets are heavily worn ,or damaged you will need to contact your local dealer for a replacement. OEM Part number 10354707.



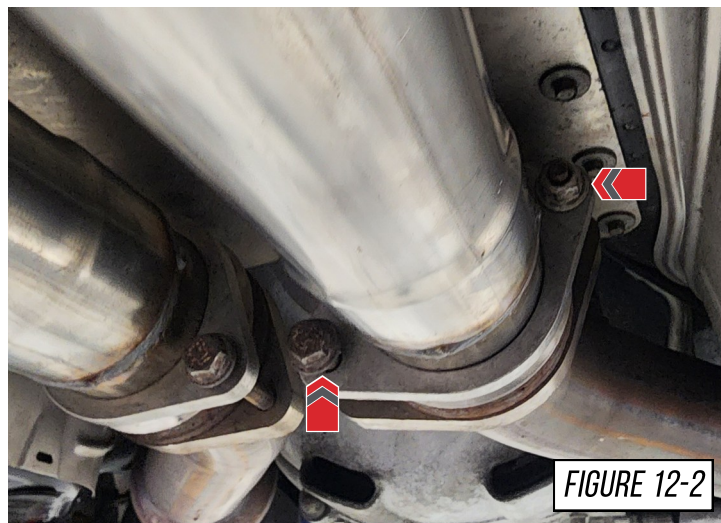
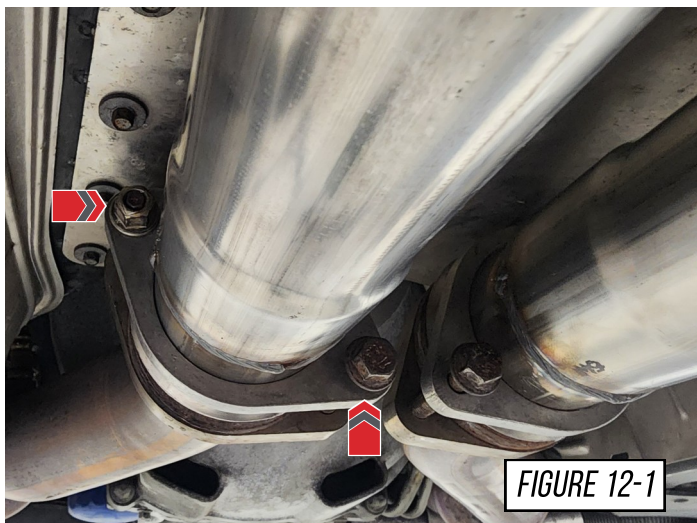


## STEP 12

Reinstall the OE flange hardware, as shown in **Figure 12-1**, and **Figure 12-2**.

When installing the flange hardware it is very important to tighten all 4 bolts evenly.

Tightening the OE bolts equally is critical to keep the X-pipe centered in the tunnel, and to ensure there is no damage to the gaskets.



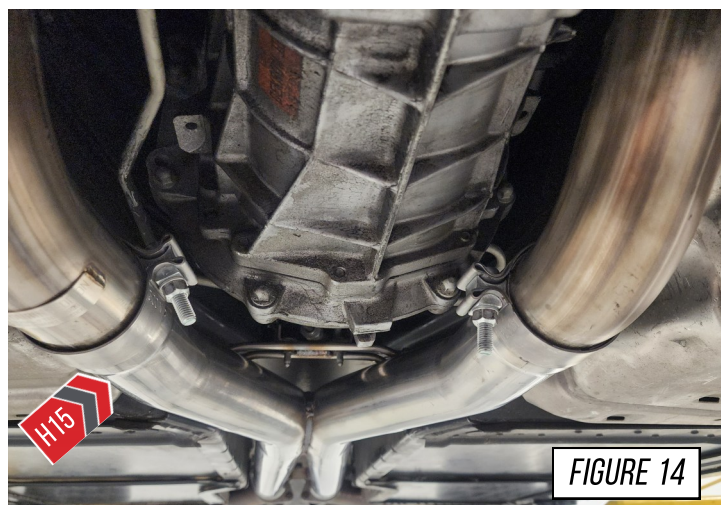
## STEP 13

With your X-pipe installed it can be helpful to verify that the center section of the X-pipe is parallel with the underside of the car, as shown in **Figure 13**.

This will help when it comes time to install and adjust the tip position in the future.

If you are installing an axleback system snug the clamps but do not fully tighten them and continue to **Step 14**.

**If you are only installing an AWE X-pipe, fully tighten your clamps over the slip fits, and your installation is complete! Enjoy!**





## STEP 14

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.

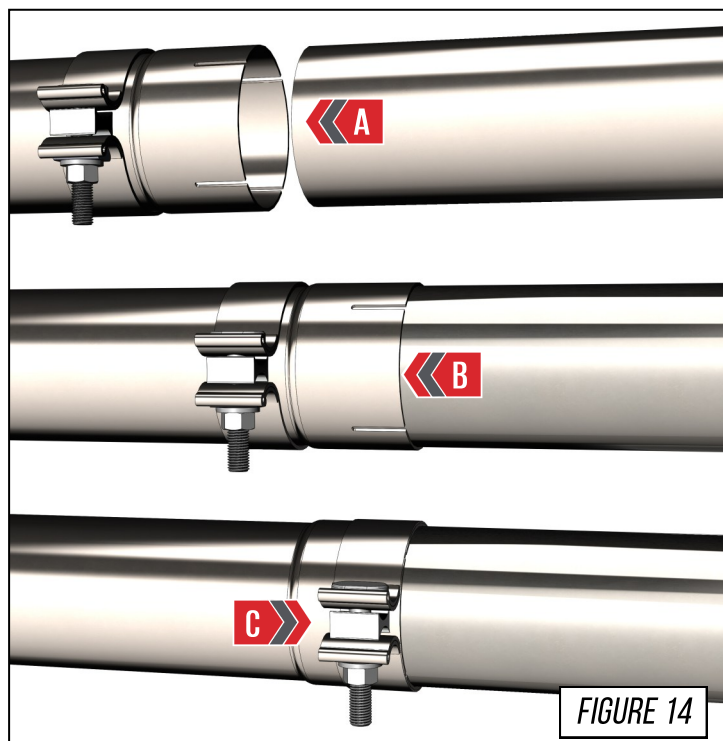
**Arrow C** shows the exhaust band clamp being brought to the edge of the expanded pipe.

For further assistance properly installing clamps, please **refer to the video linked [here](#)**.



### NOTES:

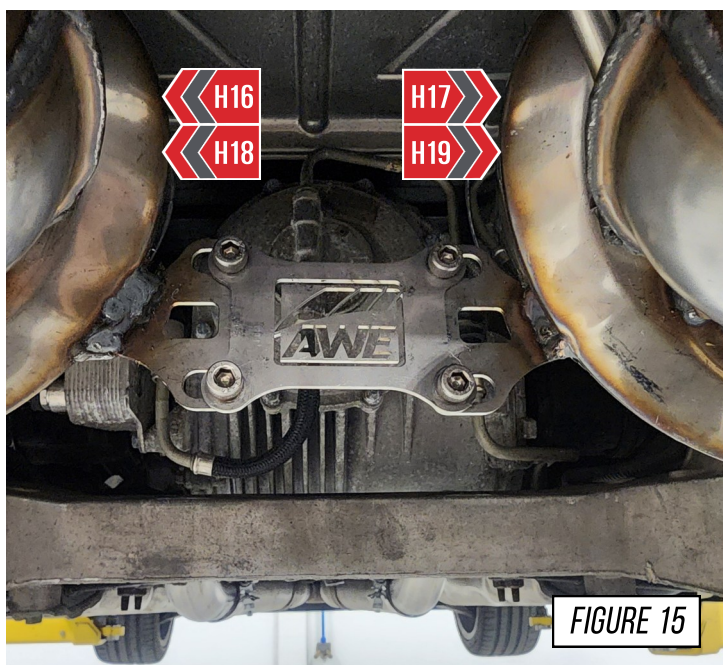
- **Do not** fully torque any exhaust clamp until the entire exhaust has been installed and adjusted.
- Torque specification is a **minimum** of 60 ft/lbs



## STEP 15

Gather your AWE rear section bracket, and the provided hardware.

Use the provided lock nuts, and bolts to loosely install your AWE rear bracket, as shown in **Figure 15**.





## STEP 16

With your AWE axleback tubes, and rear bracket loosely installed, orient the tip outlets so they are sitting parallel with each other, then fully tighten the hardware on the AWE rear bracket (**110032**)

**Note:** The AWE rear bracket has slotted holes to allow for adjustment, and to help with tip spacing.

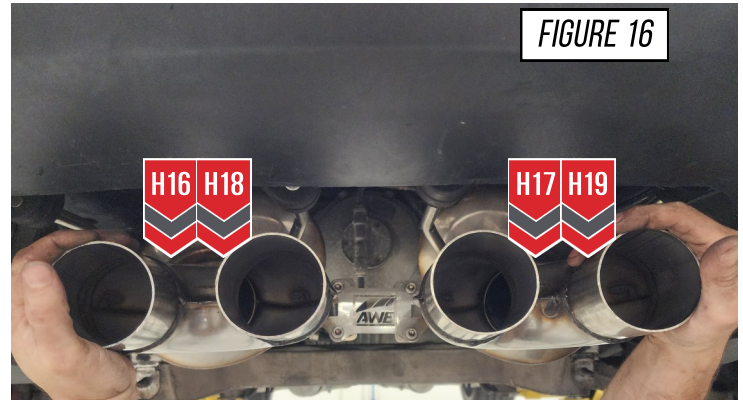



FIGURE 16

## STEP 17

To install the exhaust tips with integrated clamps, first, attach the exhaust tip in the proper orientation onto the exhaust outlet tube.

Insert one of the carriage bolts from the hardware kit (**3910-41010**) through the tab on the exhaust tip and thread on one of the corresponding nuts.

Using anti-seize on the bolt threads will help installation and prevent breakage of hardware.

 If exhaust system only has 2 exhaust tips while the integrated clamp kit has enough hardware for our 4 tip exhaust systems. You will have 2 sets of hardware left over that will not be used.

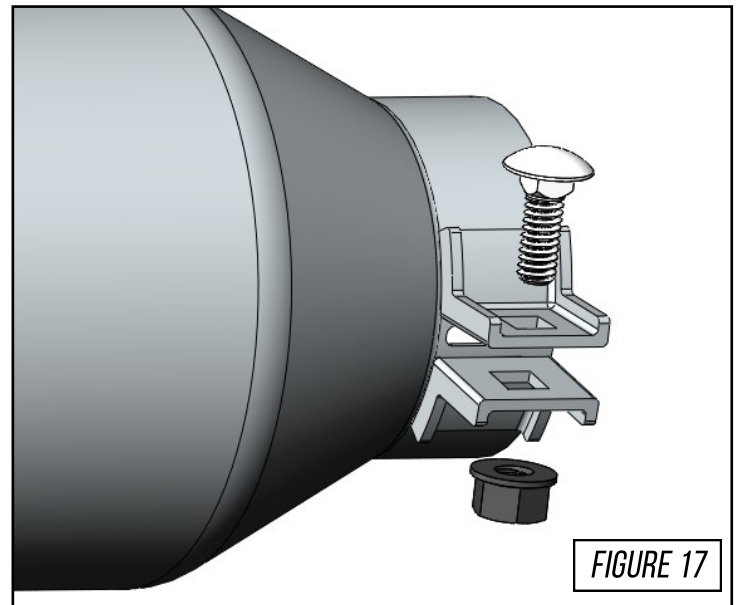


FIGURE 17

## STEP 18

Now install your four tips onto your exhaust, as shown in **Figure 22**.

Make adjustments to the tip outlets until your desired tip position is achieved, then work from front clamps back fully tightening all clamps, and hardware.

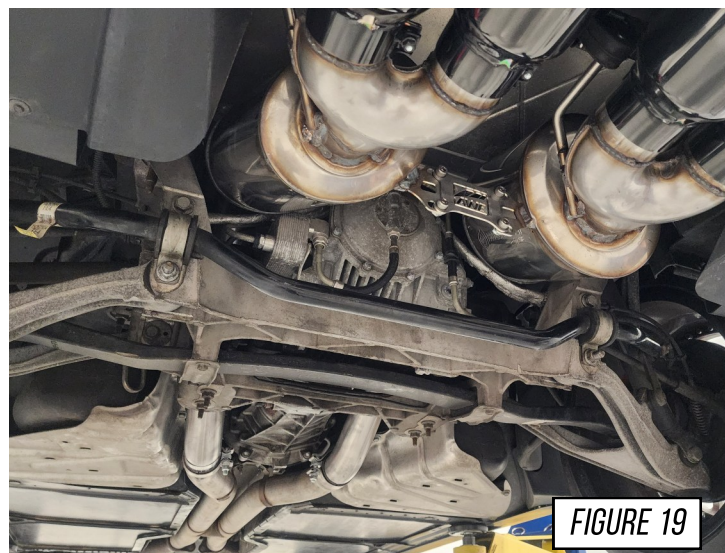


FIGURE 18



## STEP 19

Using the OE hardware, reinstall your rear sway bar, as shown in **Figure 19**.



## STEP 20

Reinstall the OE shift linkage bolt that was remove in **Step 2**. as shown at (A) in **Figure 20**.





## STEP 21

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.

With the car cooled down, check the tips for correct alignment.



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



FIGURE 21

# 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/ <a href="#">fitment guide</a> for more installation tips.
Incorrect or missing parts	Double check the parts list for your system and compare them with what you received. Any issues, hit our <a href="#">support form</a> and we will get this sorted fast!

## 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 **180 Technology®** 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**  
[\*\*SUPPORT FORM\*\*](#)

## WARRANTY

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