

## 2015+ MUSTANG GT CAT-BACK EXHAUST INSTALLATION GUIDE

Thank you for purchasing the **AWE Track Edition** or **Touring Edition Cat-Back Exhaust System** for the **2015+ Mustang GT**. For up-to-the-minute fitment information, be sure to visit the S550 Mustang GT section of the **AWE website**.

As always, AWE performance specialists are standing by for any questions, at 215-658-1870, or email us [here](#).

Let's go!

# PARTS LIST



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

## TRACK & TOURING EDITION

- 1 H-Pipe section (part XE)
- 1 Driver axle section (part XG)
- 1 Passenger axle section (part XJ)
- 2 102mm slash cut tips (optional finish)

### **Touring Edition Only:**

- 1 Driver rear section (part XK)
- 1 Passenger rear section (part XL)

### **Track Edition Only:**

- 1 Driver rear section (part XM)
- 1 Passenger rear section (part XN)

### **Hardware Kit:**

- 4 3.0" (76.2mm) Accu-Seal clamps
- 2 3.0" (76.2mm) T-Bolt clamp

### **Tools Required:**

- 7/16" or 11mm Socket
- 13mm Socket
- 15mm Socket
- Anti-Seize Lubricant

## STEP 1



Installation of the AWE performance exhaust system is the reverse of the OEM exhaust removal.



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

Before removing the factory exhaust, soak the fasteners that hold the exhaust in place with a penetrating oil.

Loosen the two (2) factory sleeve clamps located just forward from the mid muffler with a 15mm socket, as shown by the arrows in **Figure 1**.

Note the sleeve orientation so they can be reinstalled the same way they were removed.

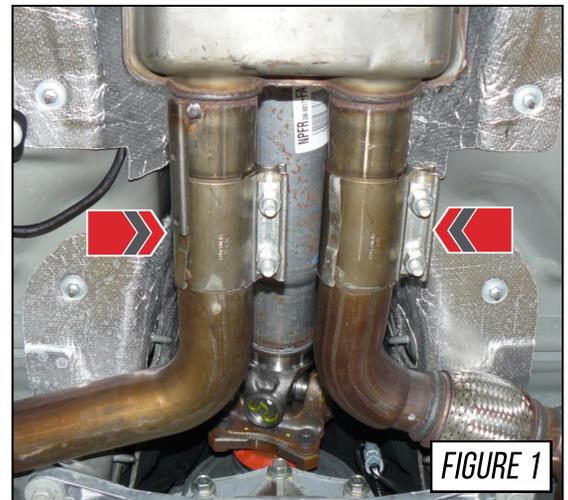


FIGURE 1

## STEP 2

Remove the 13mm bolts that secure the factory exhaust hangers located behind the rear differential, shown by the arrows in **Figure 2**.



Ensure the exhaust hanger bracket drops into the catch slots on the cross-member.

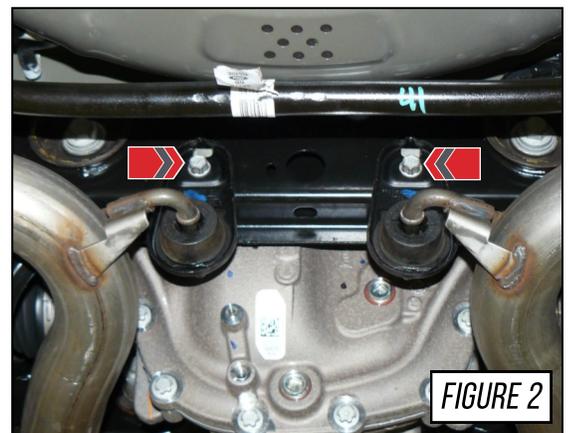


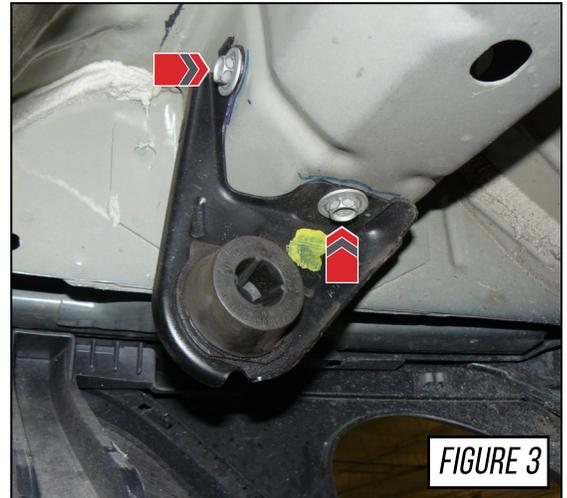
FIGURE 2

## STEP 3

Remove the 13mm bolts securing the hanger brackets located at the rear of the vehicle, shown by the arrows in **Figure 3**.

 Ensure the exhaust hanger brackets drop into the catch slots on the frame rail.

With all the bolts from the hanger brackets removed, the factory exhaust can be removed from the car.



## STEP 4

Transfer the hanger bushing and bracket assemblies from the OEM exhaust to the correlating AWE components.

The passenger side axle tube (part XJ) is shown with the factory hanger pre-installed by the arrow in **Figure 4**.

 Be sure to maintain the original side and orientation, as the brackets are handed.



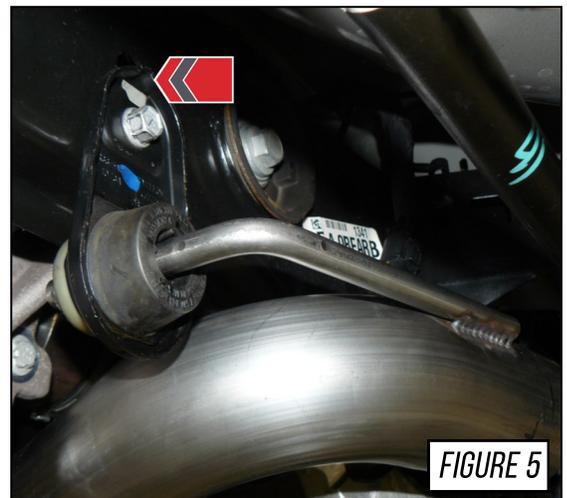
## STEP 5

Install the AWE H-Pipe section (part XE), reusing the original sleeve clamps that were loosened in **Step 1**. Match the original orientation.

Pre-install two 3.0" Accu-Seal clamps onto the outlet section of the H-Pipe.

Install the axle tubes (parts XG & XJ) onto the H-pipe first then hang the pipe by the installed hanger bracket, as shown by the arrow in **Figure 5**. (part XJ shown)

 Do not fully tighten any of the clamps or hanger brackets until the system is fully installed and adjusted.



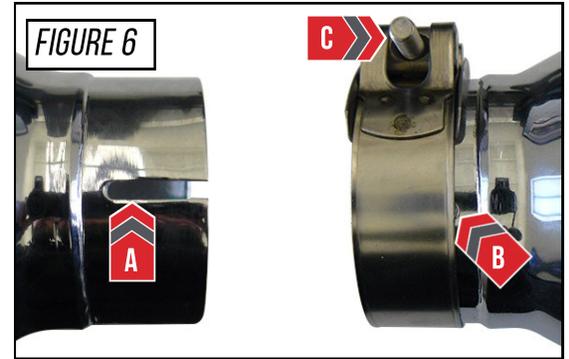
## STEP 6

To accomplish the best tip fitment, align the 3.0" tip clamp to cover *only* the slot, as shown by **Arrow A** in **Figure 6**. The clamp should only be covering the section of the tip that has been slotted, as shown by **Arrow B** in **Figure 6**. Torque the tip clamp to a minimum of 18 ft./lbs.



### NOTES:

- It is required to apply anti-seize to the threads to prevent the clamps from breaking, shown by **Arrow C** in **Figure 6**.
- It is okay to have the clamp extend beyond the edge of the tip inlet.



## STEP 7

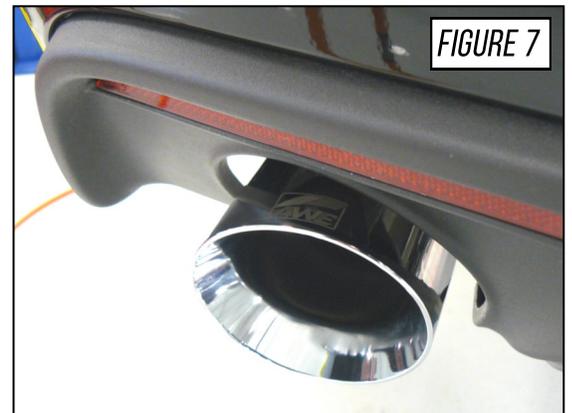
Pre-install two 3.0" Accu-Seal clamps onto the outlet portion of each axle section.

Install the driver rear section (part XK) and passenger rear section (part XL) along with the exhaust tips.

Tighten the exhaust hanger brackets into location with the 13mm socket.

Install the exhaust tips with the included 3.0" T-Bolt clamp.

Center the exhaust tip within the valance, as shown in **Figure 7**. The **AWE** logo should be visible at the top edge; make adjustments as necessary.

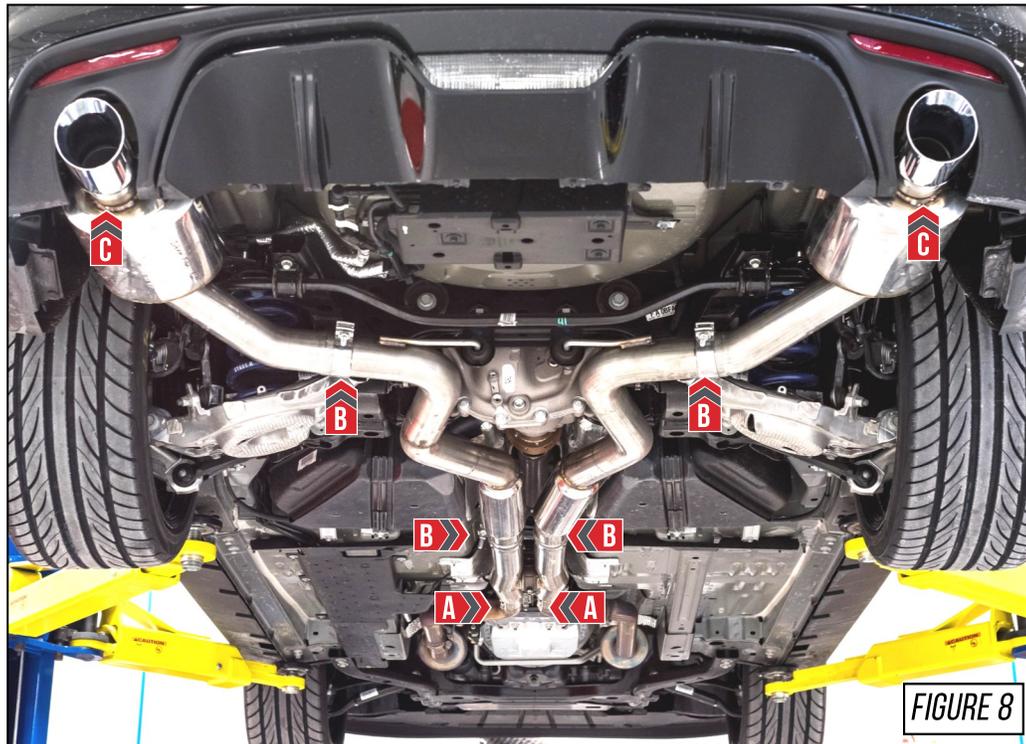


## STEP 8

Ensure the H-pipe section is level with the chassis. Tighten the factory sleeve clamps to the manufacturer's recommended torque specifications, located by **Arrow A** in **Figure 8**.

Tighten the Accu-Seal clamps to a minimum torque of 40 ft/lbs or until secure with a 15mm socket, as shown by **Arrow B** in **Figure 8**,

Check the tip alignment and secure the T-bolt clamp into location, as shown by **Arrows C** in **Figure 8**, with 7/16" or 11mm Socket. Tighten until the tip doesn't move, then turn the bolt one (1) full turn.



ENJOY!



## CARE

Once installed properly, your AWE performance 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 metal polishes, as they can scratch the finish.

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

### AWE

199 Precision Drive  
Horsham, PA 19044

215-658-1670

[www.awe-tuning.com/support](http://www.awe-tuning.com/support)

## WARRANTY

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