



2018+ MUSTANG GT CAT-BACK EXHAUST INSTALLATION GUIDE

Thank you for purchasing the **AWE Track Edition** or **Touring Edition Cat-Back Exhaust System** for the **2018+ 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 215-658-1670, 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 Parts:

- 1 H-Pipe section (part XE)
- 1 Driver axle section (part XG)
- 1 Passenger axle section (part XJ)
- 4 102mm slash cut tips (optional finish)

Track Edition Only:

- 1 Driver rear section (part A86)
- 1 Passenger rear section (part A87)

Touring Edition Only:

- 1 Driver rear section (part A84)
- 1 Passenger rear section (part A85)

Hardware Kit:

- 4 3.0" (76.2mm) Accu-Seal clamps
- 4 3.0" (76.2mm) Tip clamps

Tools Required:

- 13mm Socket
- 15mm Socket
- Anti-Seize Lubricant

Active Exhaust Only: (optional)

- 1 Valve actuator bracket
- 6 M6 screws
- 6 M6 nuts
- 6 M6 washers

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.

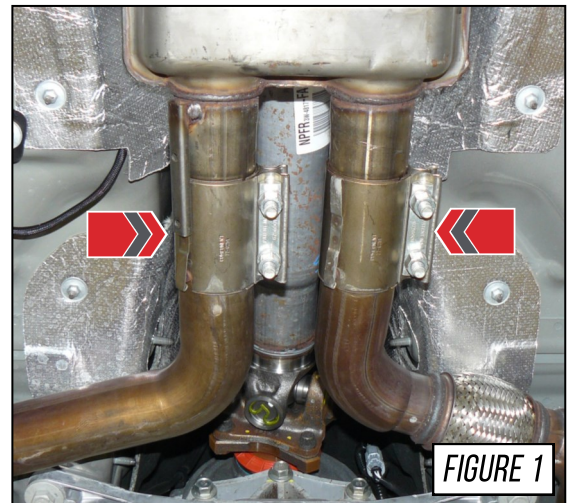


FIGURE 1

STEP 2

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



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

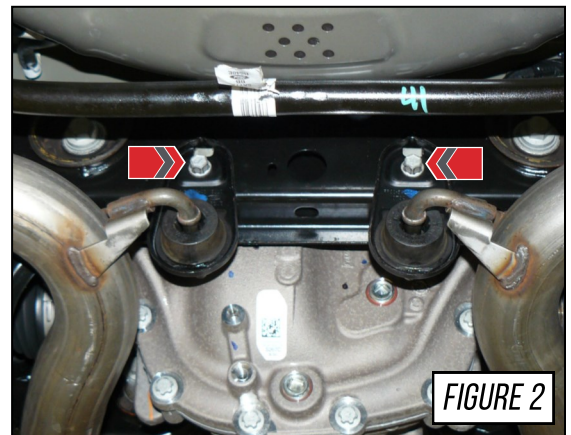


FIGURE 2

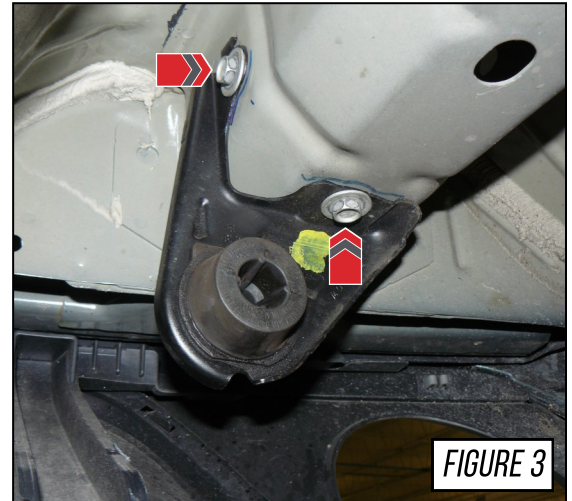
STEP 3

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



NOTE: 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**.



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



STEP 5

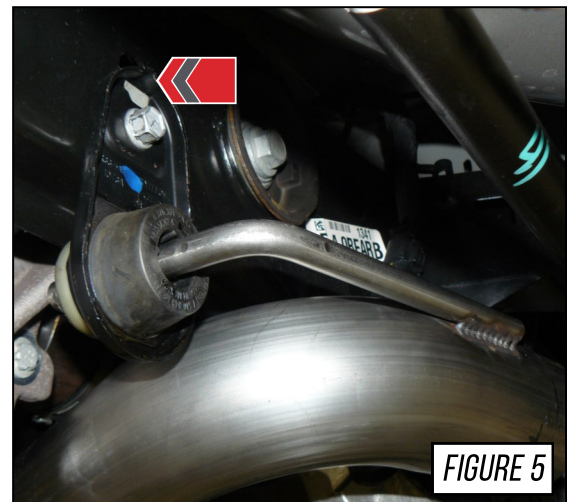
Install the AWE H-Pipe section (part **XE**), reusing the original sleeve clamps that were loosened in **Step 1**. Match the original orientation.

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)



NOTE: 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**.

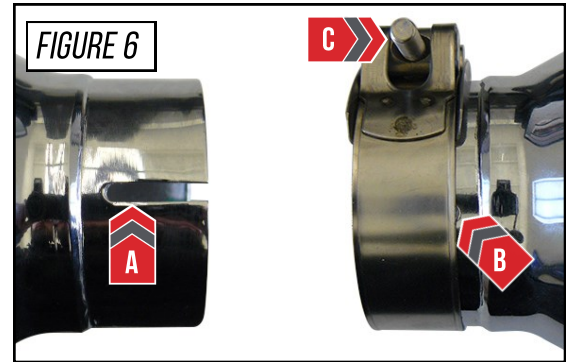
The clamp should only be covering the section of the tip that has been slotted, as shown by **Arrow B** in **Figure 6**.

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

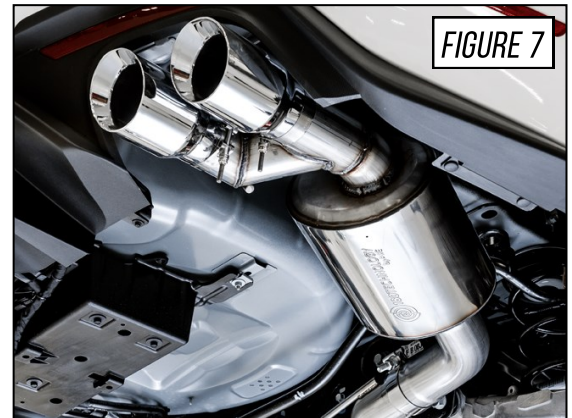
Pre-install two 3.0" Accu-Seal clamps onto the outlet portion of each axle section.

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" tip clamps.

Center the exhaust tips within the valance, as shown in **Figure 7**. The **AWE** logos 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 **Arrows 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 **Arrows B** in **Figure 8**,

Check the tip alignment and secure the tip clamp into location, as shown by **Arrows C** in **Figure 8**, with 13mm Socket. Torque the clamp to 18 ft/lbs.



FIGURE 8



STOP: For non-valved exhaust installations, the installation is complete. For *Active Exhaust* installations, continue to the next and final step.

STEP 9

Active exhaust installations only:

Locate the two (2) nuts on the bottom of the spare tire well, underneath of the vehicle, shown by **Arrow A** in **Figure 9**.

Using the included hardware, secure the factory valve motors to the appropriate locations on the bracket and install on vehicle, as shown in **Figure 9**.

Reinstall the factory valve control harness into each motor, as shown by **Arrow B** in **Figure 9**.

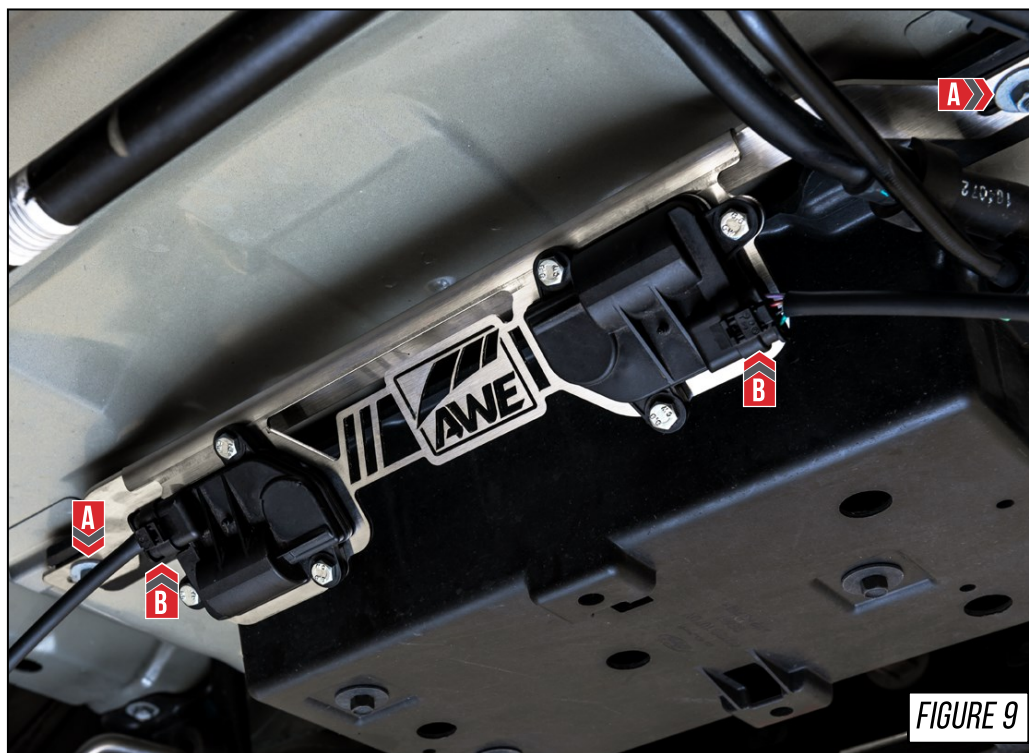


FIGURE 9

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:

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WARRANTY

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