



S550 MUSTANG GT CATBACK EXHAUST INSTALLATION GUIDE

Thank you for purchasing the **AWE Track Edition** or **Touring Edition Catback Exhaust System** for the **S550 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**](#).

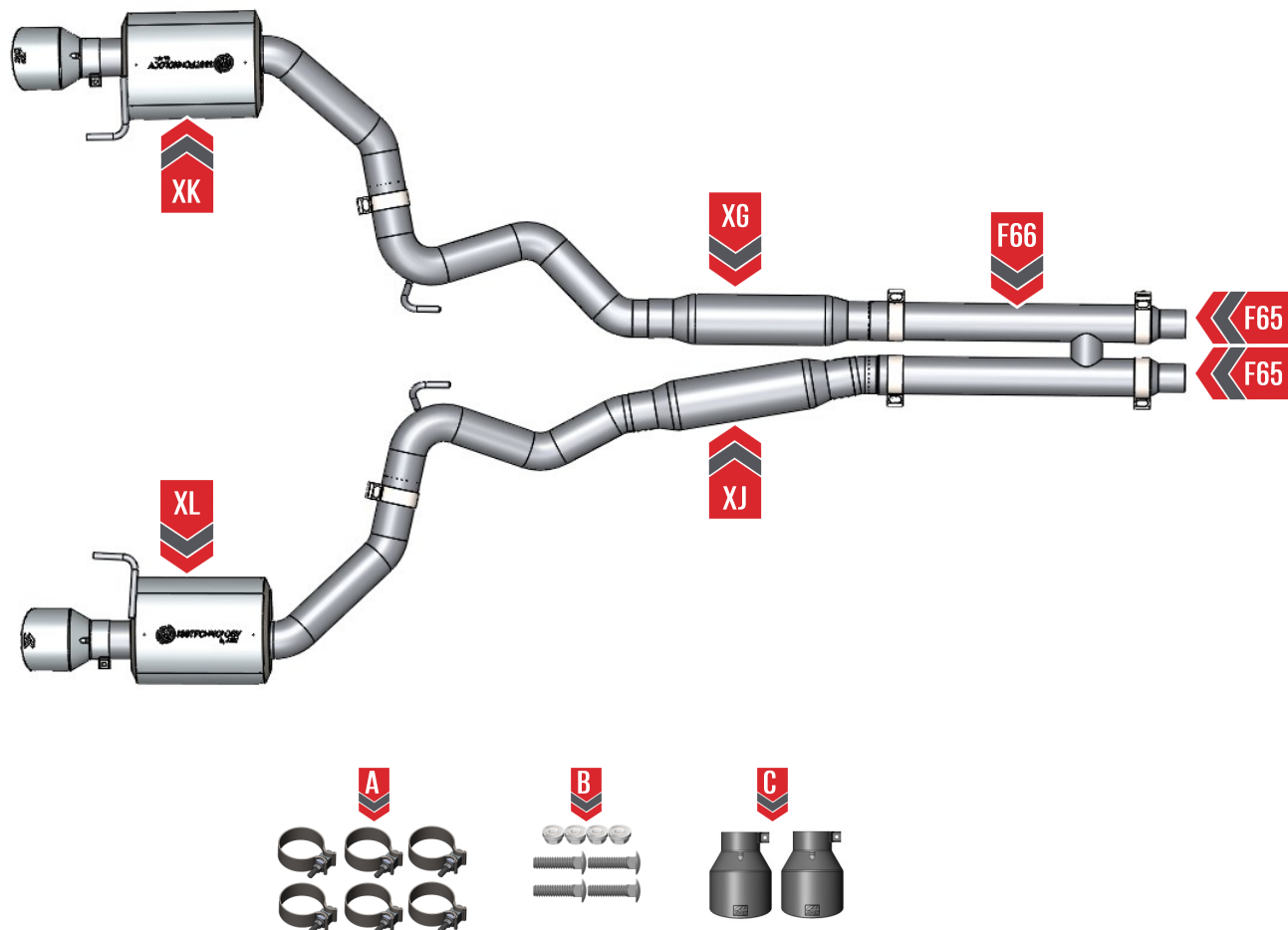
Let's go!

PARTS LIST (GT DUAL TIP TOURING)



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

Symbol	Part Number	Description	QTY
	F65	Mustang GT H-pipe OEM adapter	2
	F66	Mustang GT H-pipe	1
	XG	Mustang GT DS Catback Axle Tube	1
	XJ	Mustang GT PS Catback Axle Tube	1
	XK	S550 Mustang GT DS Touring Catback Rear Tube	1
	XL	S550 Mustang GT PS Touring Catback Rear Tube	1
A >>	180300	AWE 3.0" Band Clamp	6
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
C >>	180012	4.00" x 3.00" exhaust tip Chrome Plated	2
	180013	4.00" x 3.00" exhaust tip Black Plated	2

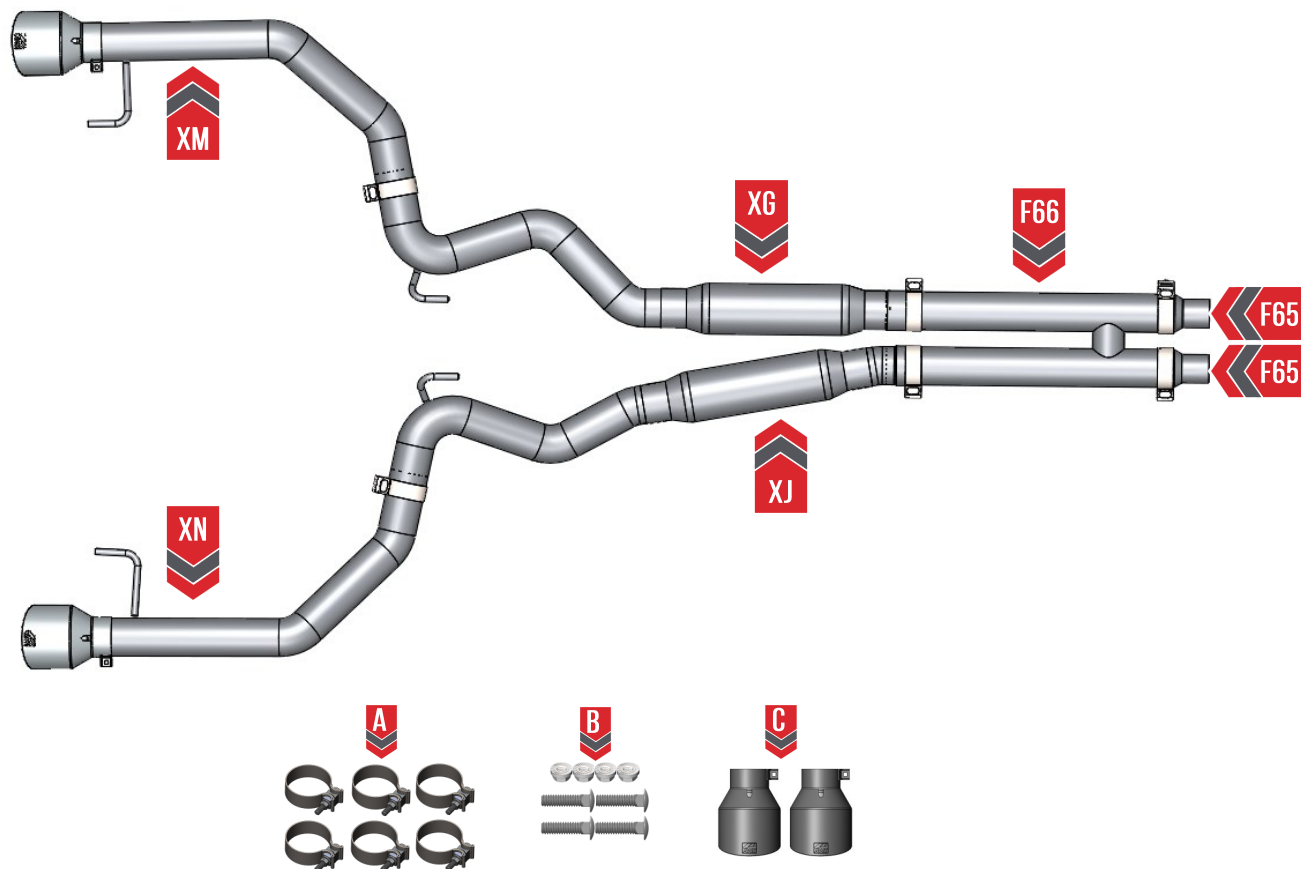


PARTS LIST (GT DUAL TIP TRACK)



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

Symbol	Part Number	Description	QTY
	F65	Mustang GT H-pipe OEM adapter	2
	F66	Mustang GT H-pipe	1
	XG	Mustang GT DS Catback Axle Tube	1
	XJ	Mustang GT PS Catback Axle Tube	1
	XM	Mustang GT DS Track Catback Rear Tube	1
	XN	Mustang GMT PS Track Catback Rear Tube	1
A	180300	AWE 3.0" Band Clamp	6
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
C	180012	4.00" x 3.00" exhaust tip Chrome Plated	2
	180013	4.00" x 3.00" exhaust tip Black Plated	2



STEP 1



Installation of the AWE Performance Exhaust System is the reverse of the OEM exhaust removal.

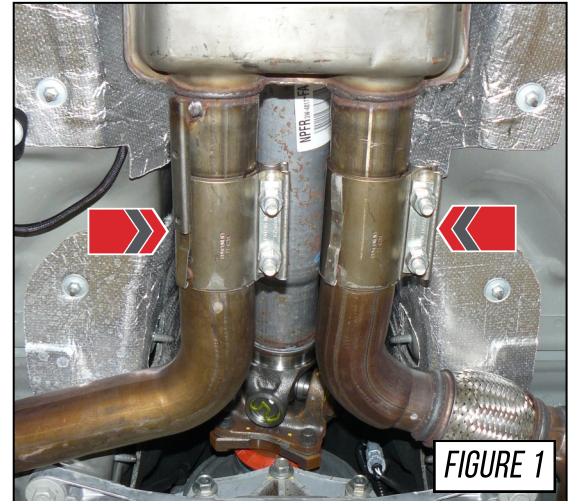


Always refer to the manufacturer service manual for precise torque specifications on all OEM fasteners.

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.

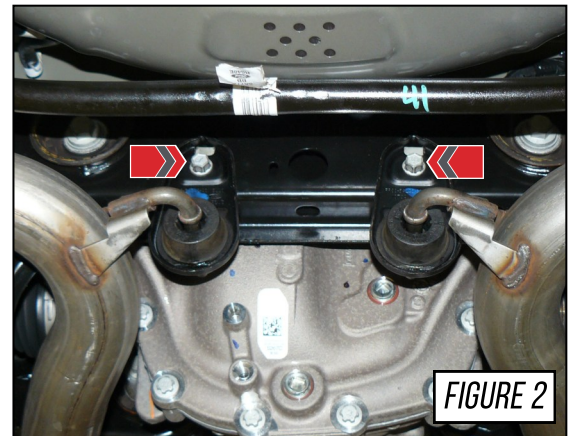


STEP 2

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.



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.



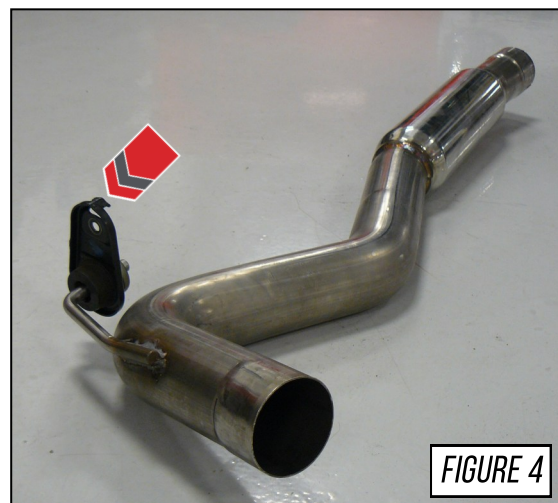
STEP 4

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**.



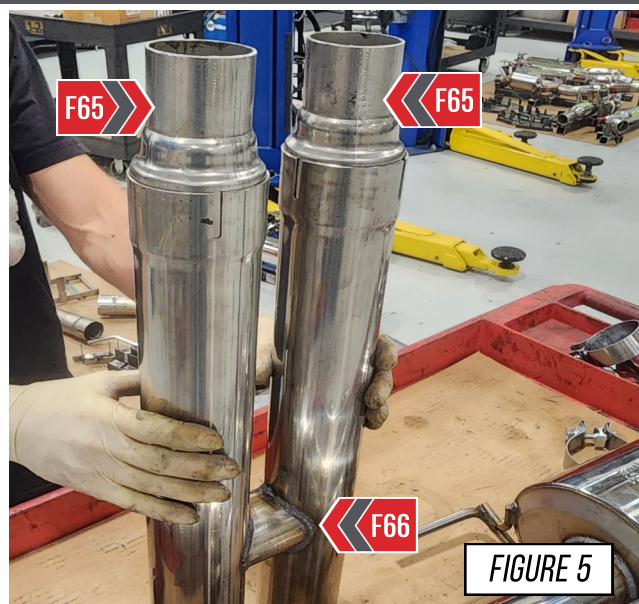
NOTE: Be sure to maintain the original side and orientation, as the brackets are handed.



STEP 5

Gather your AWE H-Pipe (**F66**), and your AWE H-Pipe OEM adapters (**F65**). Slide the OEM adapters into the expanded ends, as shown in **Figure 5**.

Using two of the provided clamps, fully tighten down the clamps on the expanded ends of the tubes.



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.

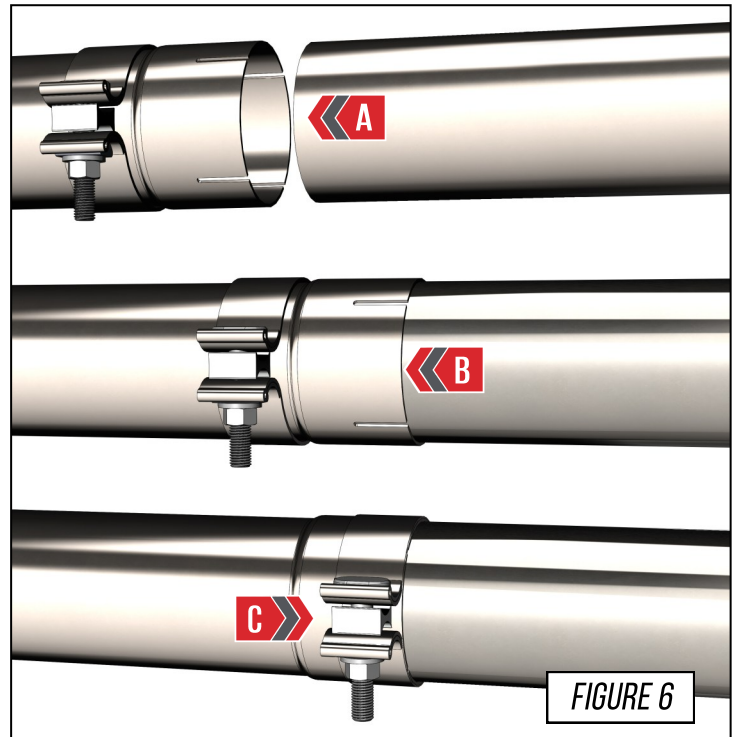
Arrow C shows the exhaust band clamp being brought to the edge of the expanded pipe.

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 7

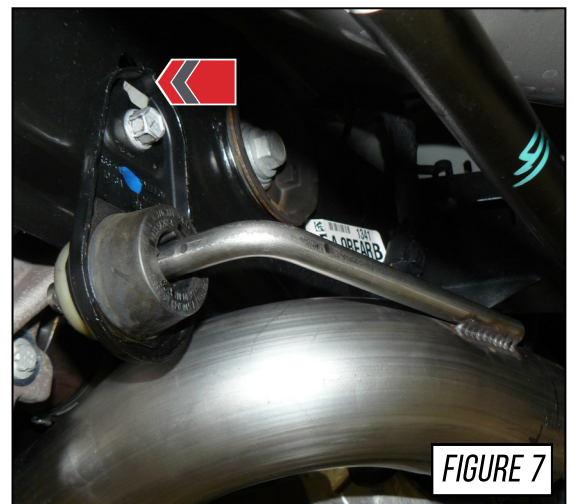
Install the AWE H-Pipe section (**F66**), reusing the original sleeve clamps that were loosened in **Step 1**. Match the original orientation.

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 7**. (*part XJ shown*)



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



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/XM**) and passenger rear section (part **XL/XN**) 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 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.

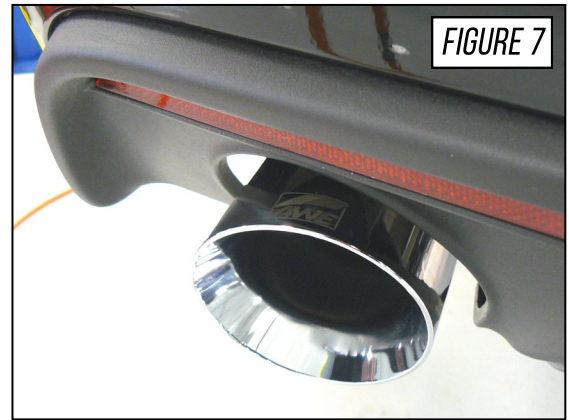


FIGURE 7

STEP 8

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.

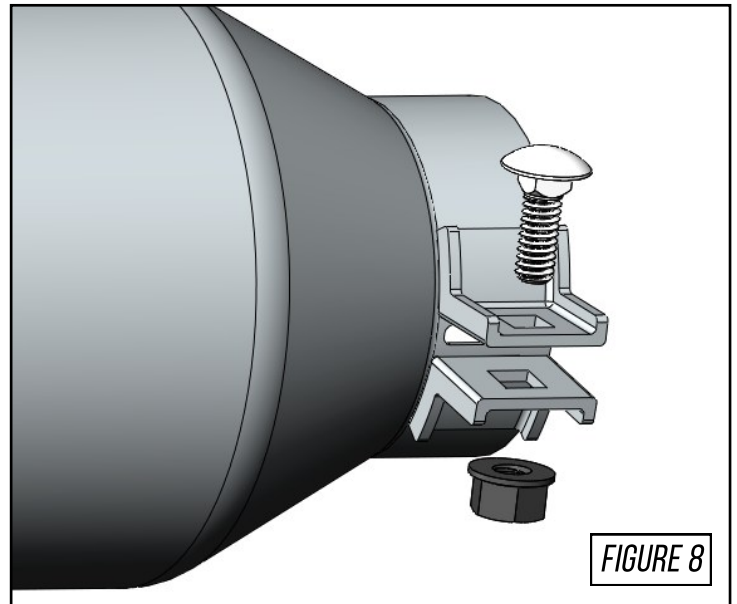


FIGURE 8

STEP 9

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 7**.

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 9**,

Check the tip alignment and secure the tip clamp into location, as shown by **Arrows C** in **Figure 7**, with 13mm Socket. Torque the clamp to 18 ft/lbs.



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](#).