



## 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

## **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.

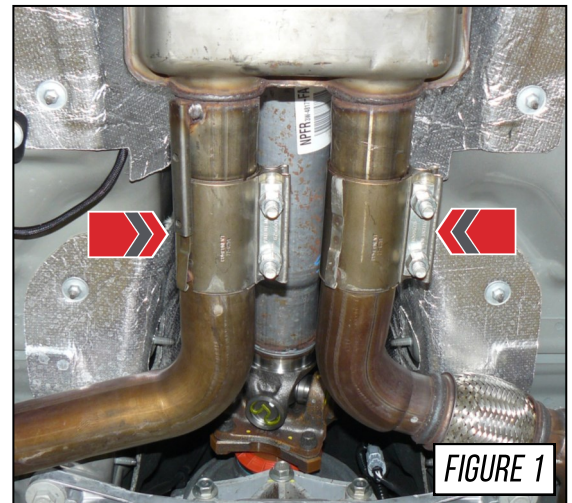


FIGURE 1

## 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.

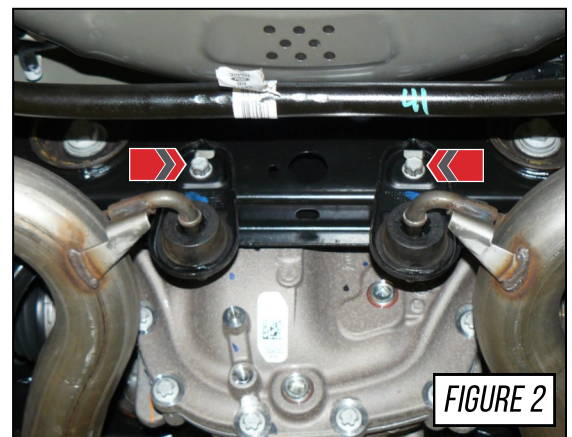



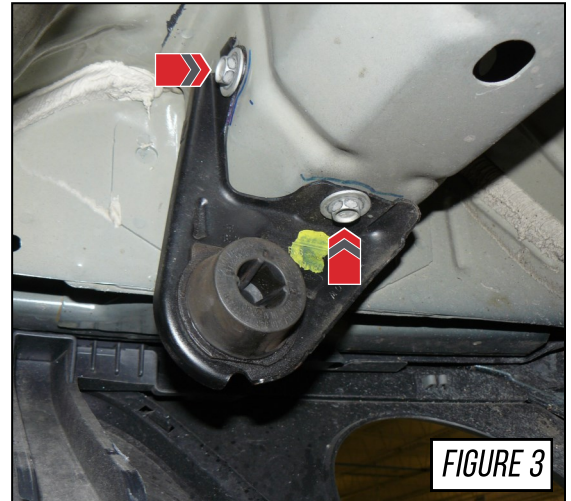
FIGURE 2

## 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.

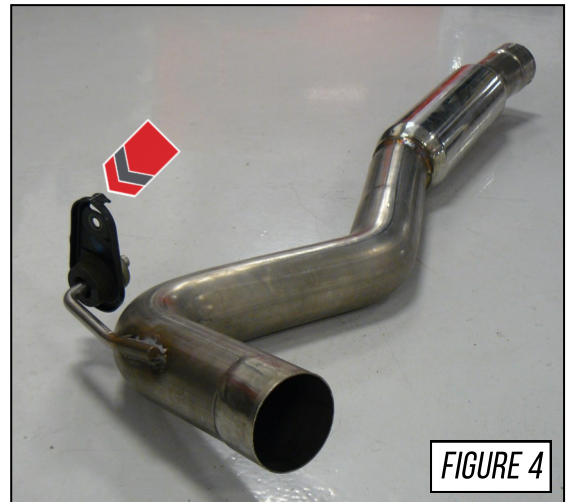


## STEP 4

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.




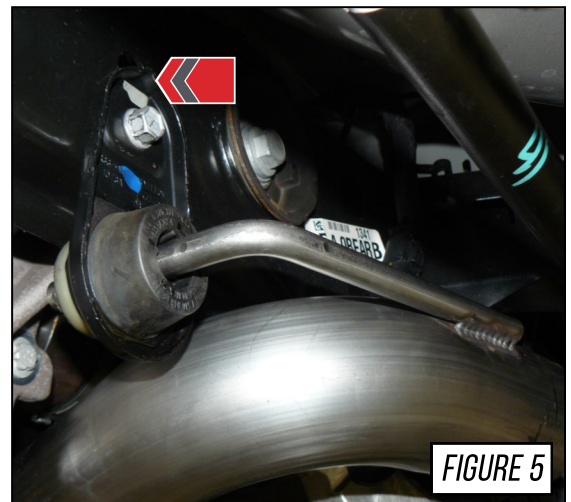
## STEP 5

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

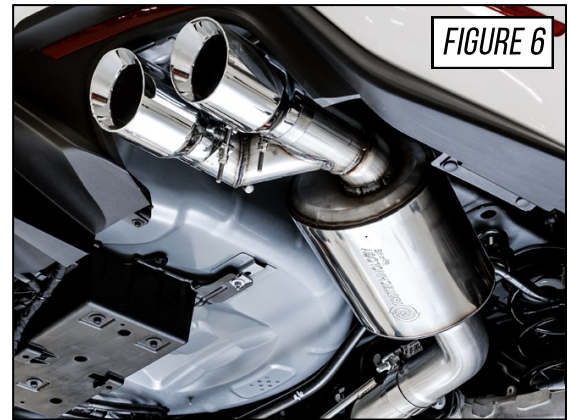
Pre-install two 3.0" Accu-Seal clamps onto the outlet portion of each axle section.

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 6**. The **AWE** logos should be visible at the top edge; make adjustments as necessary.



## STEP 7

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 7**.

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 7**,

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.



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

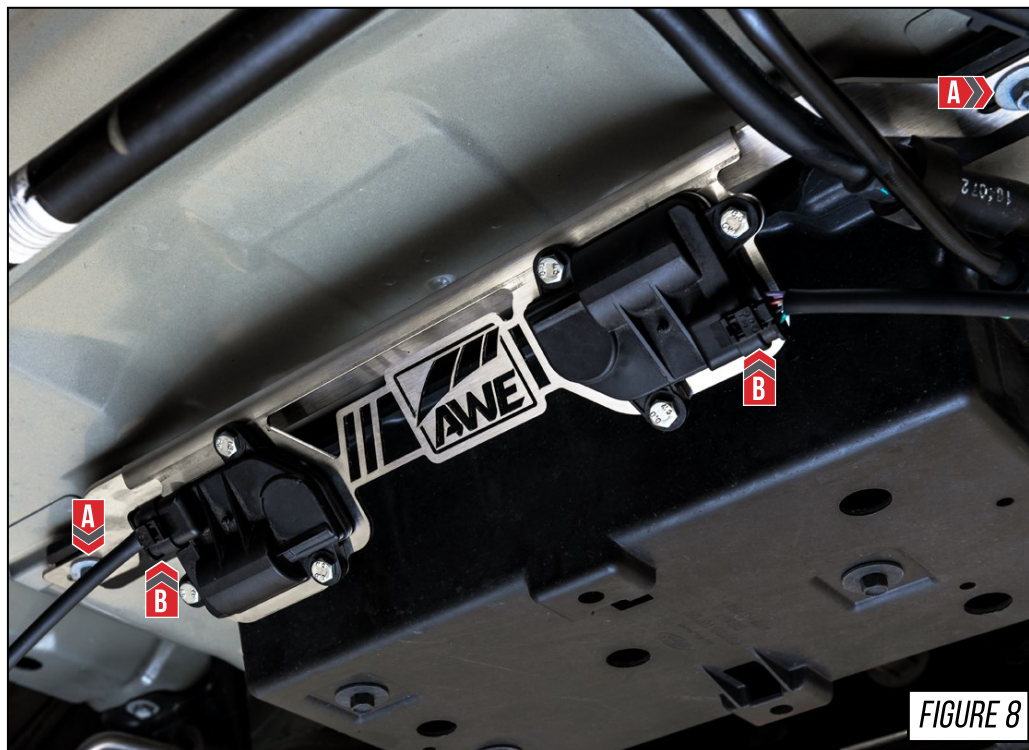
## STEP 8

### **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 8**.

Using the included hardware, secure the factory valve motors to the appropriate locations on the bracket and install on vehicle, as shown in **Figure 8**.

Reinstall the factory valve control harness into each motor, as shown by **Arrow B** in **Figure 8**.



**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

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# WARRANTY

## Summary:

This warranty is in place for all AWE brand products, and works in conjunction with any incremental specific product warranties or guarantees as listed on AWE-Tuning.com. This warranty protects against manufacturer defect. A performance car is only as strong as its weakest link. Therefore, it is vital that you maintain your vehicle to factory specifications. By installing or using the purchased product, the Consumer accepts this warranty and any specific Manufacturer warranties enclosed. The following warranty is valid only in the United States and Canada. The Manufacturer's full warranty applies to all products sold.

## Covered:

All AWE brand products against manufacturer defect. Please note that special order items are not returnable.

## Period:

Secor Ltd. (AWE) warrants this **Track Edition or Touring Edition Cat-Back Exhaust System** for the **2018+ Ford S550 Mustang GT** to the original retail purchaser (Consumer) against manufacturer's defects as follows: **ONE (1) YEAR on exhaust tip finish, LIFETIME on balance of parts**, from purchase date from AWE directly or from an AWE authorized retailer. Proof of purchase will be required.

## Condition of system:

In the event of a return, product must be returned with no signs of abuse, incorrect installation, forced installation, motorsports usage, or product altering whatsoever. Actions will be granted upon receipt of product at AWE, after inspection.

## Action:

Returns and warranty claims MUST BE HANDLED THROUGH ORIGINAL LOCATION OF PURCHASE. Upon verification of warranty coverage, AWE will, at its sole option, repair, replace or consult toward remedy for the defective product, without charge. This is the only remedy the Consumer has for any loss or damage, however arising, due to nonconformity in or defect of the product. This warranty does not cover consequential damage, loss of time or revenues, labor, inconvenience, loss of use of vehicle, shipping, damage to the vehicle or components, or other incidental or indirect damage.

## Labor:

Labor is not covered.

## Shipping:

Shipping charges are not covered.

## Restocking:

AWE reserves the right to charge a 20% restocking fee for products that are returned.

## Exclusions:

Use of product in Motorsports or Racing conditions is grounds for warranty denial. Motorsports and Racing is an inherently abusive operational condition, and it is impossible to warranty for this type of usage. Warranties may be voided if product is not installed by an authorized AWE dealer. Warranties will be voided if product is improperly serviced, modified, or used in a way not intended by the Manufacturer. The Consumer is responsible for ensuring that the product is installed in a safe and proper manner, and should cease usage of the product immediately if an unsafe or improper condition is noted. If an unsafe or improper condition is noted, the Consumer should then immediately contact the facility where the product was installed, or AWE.

## Other:

EXCEPT AS EXPRESSLY SET FORTH ABOVE, AWE MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL AWE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES HOWEVER CAUSED, ON ANY THEORY OF LIABILITY, AND WHETHER OR NOT AWE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. AWE's sole liability on any claim of any kind, whether in contract, tort, or otherwise, for any loss or damage arising out of, connected with, or resulting from the manufacture, sale, delivery or use of the products sold hereunder shall in no case exceed the amount actually paid to AWE for the applicable product. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy.