

These instructions are intended for the following part numbers: **3020-32038, 3020-33040**



TOURING EDITION EXHAUST *RESONATED* INSTALLATION GUIDE:

Vehicle Fitment:

- 2013-2018 Ford Focus ST

Thank you for purchasing the **AWE Resonated Touring Edition Exhaust** system.

Exquisite build quality and craftsmanship, coupled with industry leading performance, distinguish this exhaust system from all others.

Installation questions?
CONTACT US

PARTS LIST



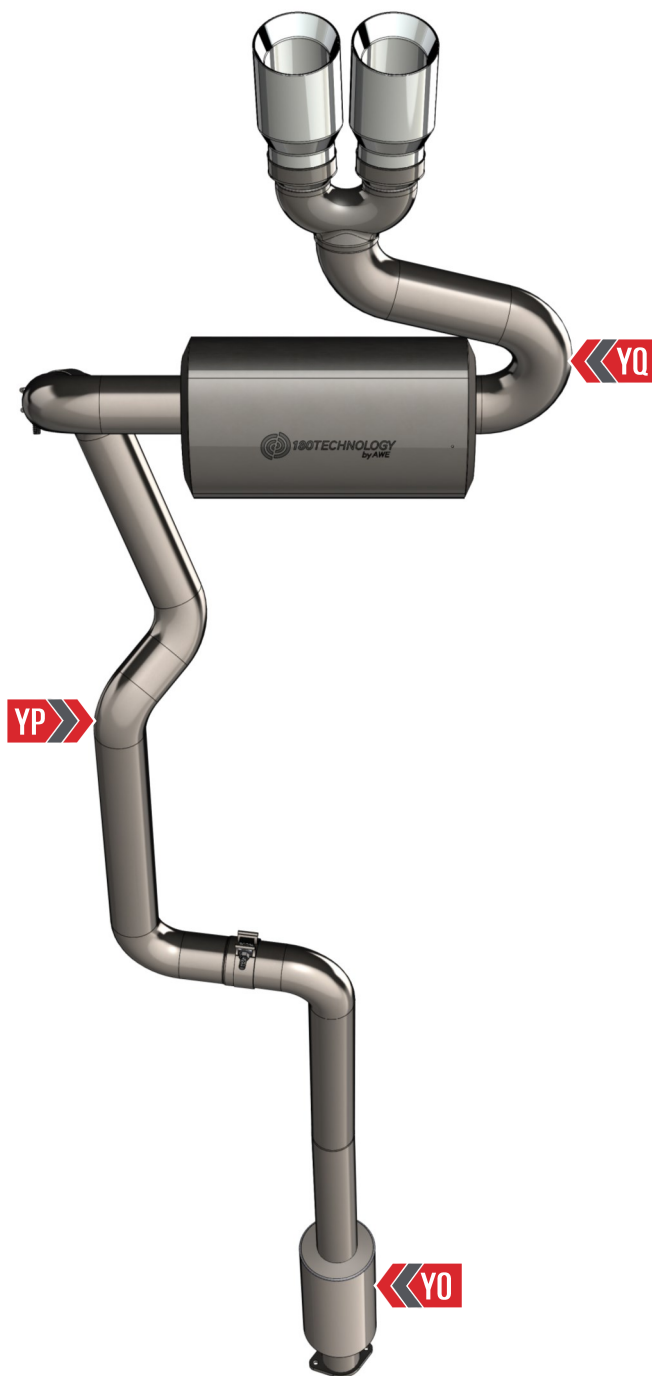
INSPECT ALL PARTS PRIOR TO DISASSEMBLY OF VEHICLE; IF DAMAGED OR MISSING, PLEASE CONTACT THE PLACE OF PURCHASE IMMEDIATELY.

Resonated Touring Edition Exhaust Parts:

- 1 Resonated front section (part YO)
- 1 Over-axle pipe (part YP)
- 1 180 Technology® rear section (part YQ)
- 2 4.0" tips (choice of color)

Hardware Kit:

- 2 3.00" Accu-Seal clamps
- 2 3.12" T-bolt clamps
- 2 M8-1.25x35mm Hex Bolts
- 4 M8 Washers
- 2 M8-1.25 Lock Nuts
- 2 Hanger clamps
- 1 Allen wrench



STEP 1



The factory exhaust must be **CUT** from the car to install the AWE Performance Exhaust System. Reinstalling the factory exhaust will require the use of a sleeve clamp.



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

Before cutting the factory exhaust, it is recommended to spray all of the exhaust hanger bushings and both exhaust flange bolts with a penetrant oil to make removal as easy as possible.

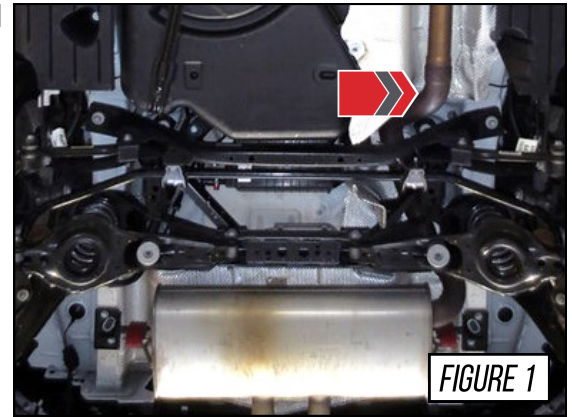


FIGURE 1

Cut the exhaust at the area located just after the welded joint, shown by the arrow in **Figure 1**.

STEP 2



WARNING: If floor jacks are being used, instead of a lift, it may be difficult to remove and/or install the components that go through the rear axle area. **DO NOT** exceed the limitations of floor jacks and jack stands.

Support the rear muffler assembly so the hanger bushings can be removed from the posts.

Pull the bushing away from the post, shown by the arrow in **Figure 2**.

Remove the rear section from the car.

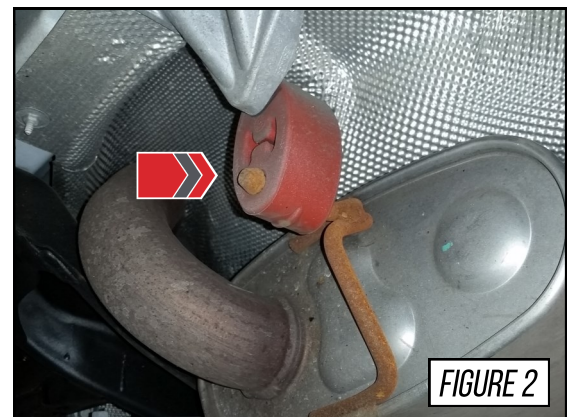


FIGURE 2

STEP 3

Loosen and remove the nuts that secure the exhaust flange in place, shown by the arrows in **Figure 3**.

The remainder of the factory exhaust can now be removed from the vehicle.

Be careful not to damage the factory flange gasket, this part is reused on the AWE Performance Exhaust.

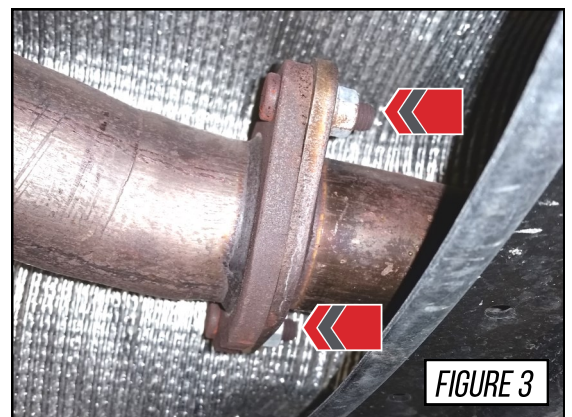


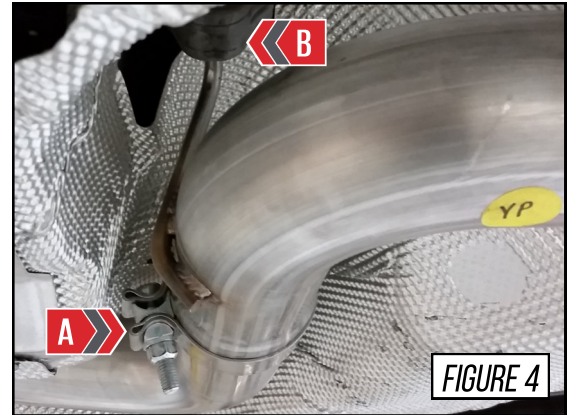
FIGURE 3

STEP 4

Install the resonated front section (part **YO**), reusing the factory gasket and supplied M8 hardware.

Install the over-axle section (part **YP**) onto the front section outlet using one (1) of the included 3.0" Accu-Seal clamps. Orient the clamp to the same side as the hanger, as shown by **Arrow A** in **Figure 4**. During normal usage, the exhaust will expand toward the rear of the car, this orientation prevents any contact with the shielding.

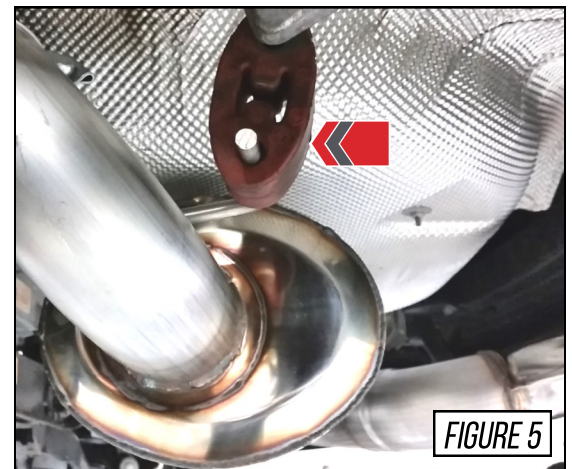
The exhaust hanger bushing should be slightly forward when the section is installed correctly, as shown by **Arrow B** in **Figure 4**.



STEP 5

Install and fully seat the 180 Technology® rear section (part **YQ**) onto the over-axle pipe outlet with the included 3" Accu-Seal Clamp.

Fully seat the pipe and insert each hanger into the appropriate hanger bushing. Each hanger bushing should be slightly forward in-vehicle, as shown by the arrow in **Figure 5**.



STEP 6

It is crucial to install each section and Accu-Seal clamp correctly to prevent loose joints and exhaust leaks between the tubing connections.

Arrow A in **Figure 6** shows the expanded pipe and the preinstalled Accu-Seal clamp being brought up to the corresponding pipe.

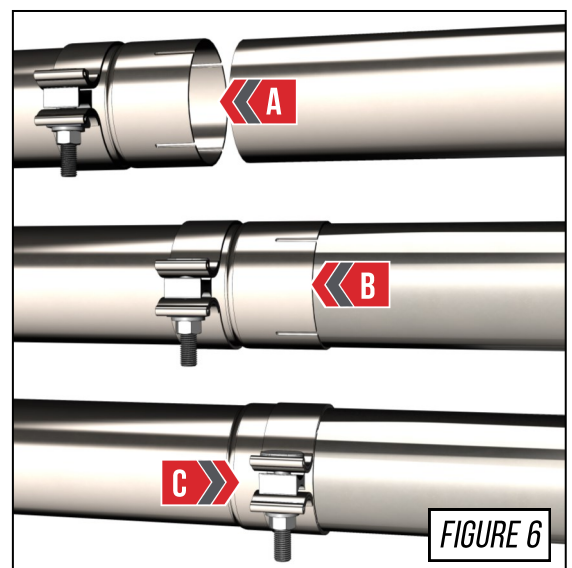
Arrow B in **Figure 6** shows the overlapping pipe installed correctly over the corresponding pipe.

Arrow C in **Figure 6** shows the Accu-Seal clamp being brought to the edge of the expanded pipe.



NOTES:

- Do not torque any Accu-Seal clamp until the entire exhaust has been installed and adjusted.
- Torque specification is a minimum of 40 ft/lbs.



STEP 7

Install each exhaust tip with the included T-bolt clamps, but do not torque until the exhaust system has been fully adjusted and tip placement is satisfactory.

With the entire exhaust system aligned, and each clamp positioned away from the chassis to avoid any rattles, tighten and check all hardware to complete the installation, **Figure 7** shows where to start and finish.



NOTE: Arrow A in **Figure 7** is an adjustment point to provide spacing between the exhaust tips and bumper.

Loosen the clamp at **Arrow A** in **Figure 7** to accomplish one of the following:

- To get the tips closer to the bumper skin; pull down at the location shown by **Arrow A** in **Figure 7** to move the exhaust tips UP.
- To get the tips further from the bumper skin; push up at the location shown by **Arrow A** in **Figure 7** to move the exhaust tips DOWN

Torque the Accu-Seal clamps to a minimum of 40 ft./lbs.



STEP 8

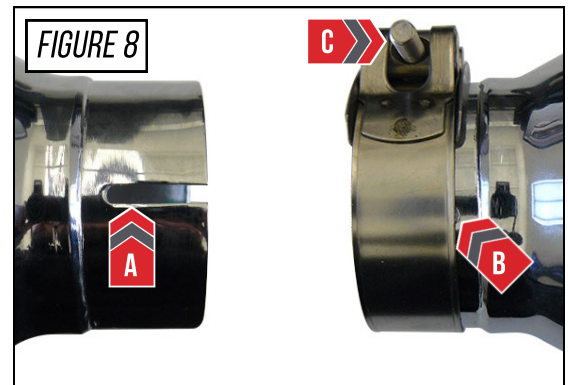
To accomplish the best tip fitment, align the 3.12" tip clamp to cover *only* the slot, as shown by **Arrow A** in **Figure 8**.

The clamp should only be covering the section of the tip that has been slotted, as shown by **Arrow B** in **Figure 8**.

Torque the tip clamp to a minimum of 11 ft./lbs.



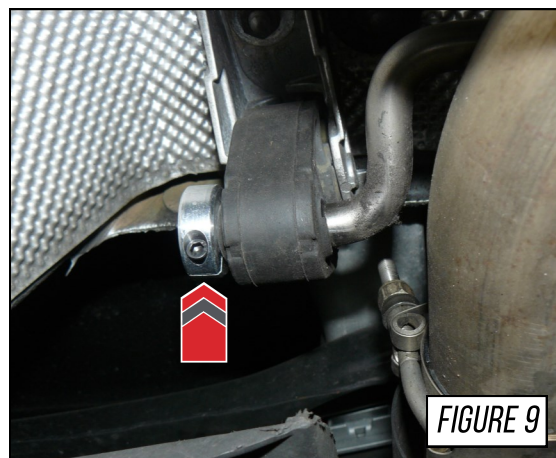
NOTE: It is required to apply anti-seize to the threads to prevent the clamps from breaking, shown by **Arrow C** in **Figure 8**. Additionally, it is okay to have the clamp extend beyond the edge of the tip inlet.



STEP 9

Install an included hanger post clamp on each of the rear muffler hanger posts, as shown at the arrow in **Figure 9**. Slide the clamp onto the hanger post so that it sits snug against the rubber hanger, and then tighten down with the enclosed Allen wrench.

These clamps will keep the exhaust from sliding laterally under usage and will keep the tips properly aligned in the valance opening.



ENJOY!



CARE

Once installed properly, the 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](#).