



2016+ FORD FOCUS RS TOURING EDITION EXHAUST INSTALLATION GUIDE

Thank you for purchasing the AWE Resonated Touring Edition exhaust system for the **2016 + Ford Focus RS 2.3T.**

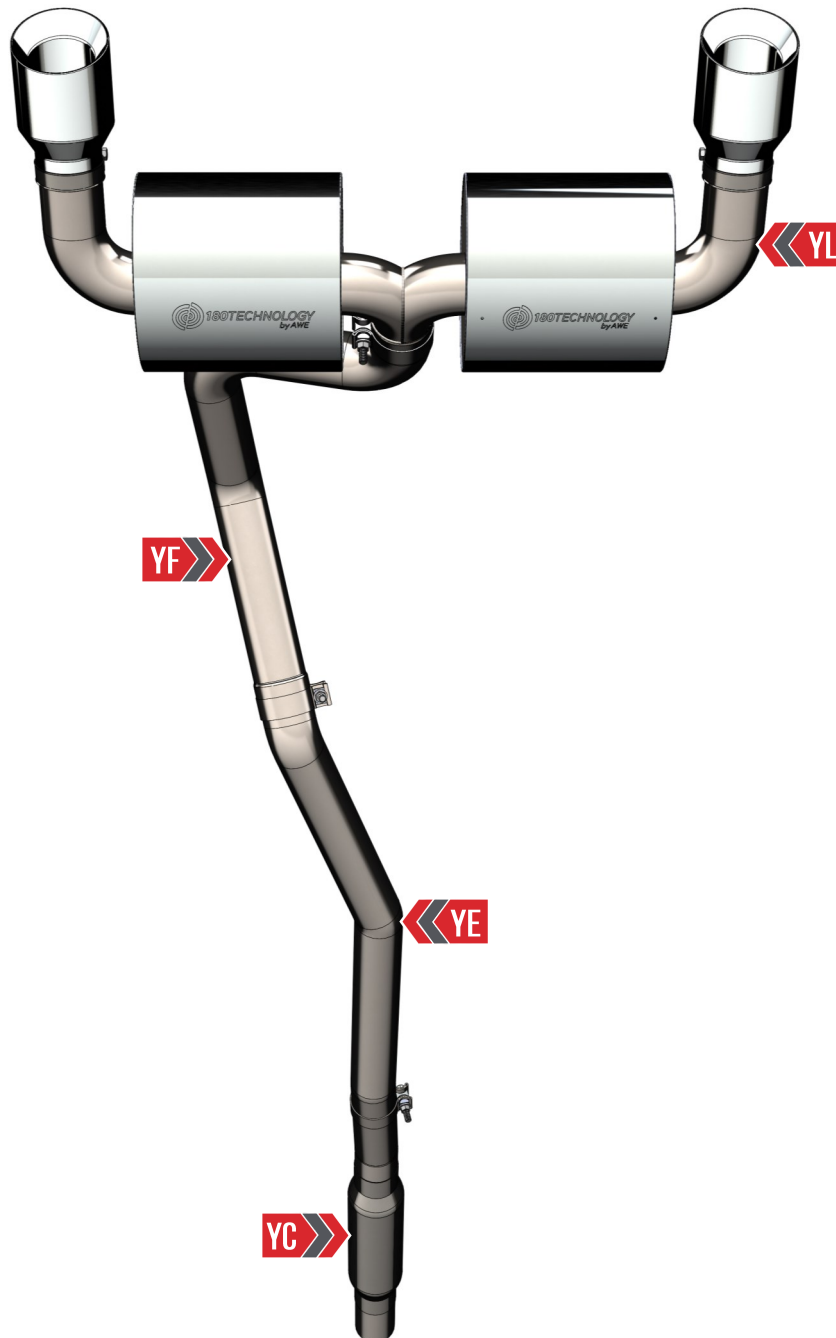
PARTS LIST



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 YC) | 2 4.0" tips (choice of color) |
| 1 Mid pipe (part YE) | 3 3.00" Accu-Seal clamps |
| 1 Over-axle pipe (part YF) | 2 3.12" T-bolt clamps |
| 1 180 Technology® rear section (part YL) | 1 Electronic Valve Simulator |



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.



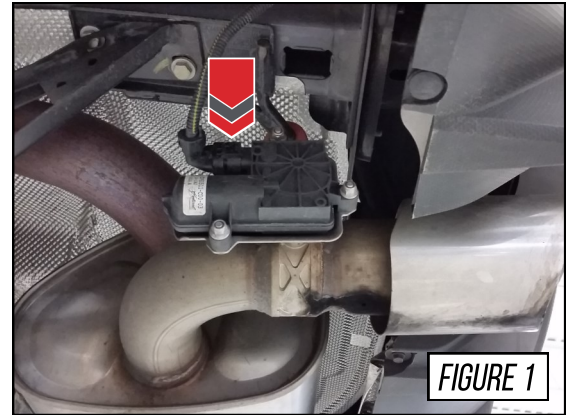
Always refer to the manufacturer service manual for precise torque specifications on all OEM fasteners.

With engine off, unplug the wiring harnesses from the valve actuation motor, shown at the arrow in **Figure 1**.

Plug the included Electronic Valve Simulator into the exhaust valve control harness and secure up and away from any potentially hot exhaust components.



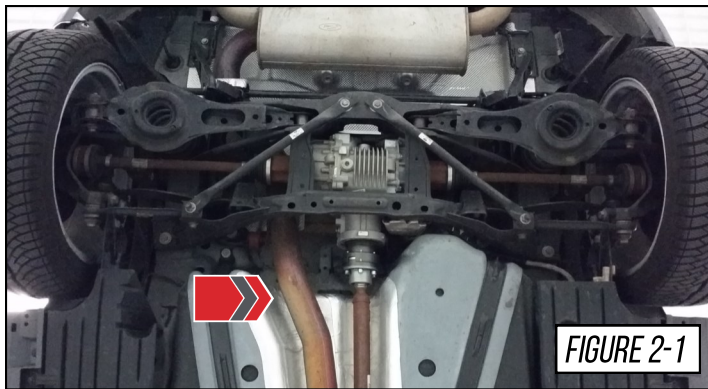
NOTE: If the electronic valve simulator is not installed on the car, a fault code will occur.



STEP 2

To remove the factory exhaust, locate the bend as shown by the arrow in **Figure 2-1**.

Measure 2" up from the point shown by the arrow in **Figure 2-2**; the arrow marks the end of the bend. Using masking tape can be a helpful aid in make a straight cut with a metal cutting saw.

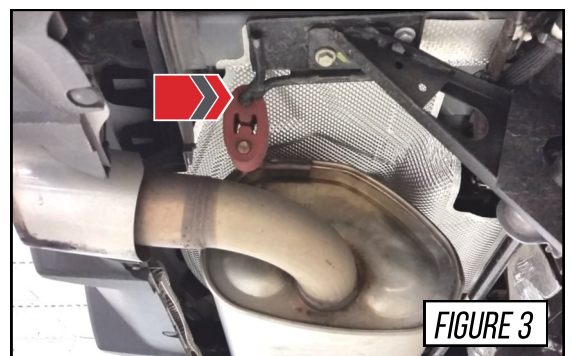


STEP 3

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 3**.

Remove the rear section from the car.

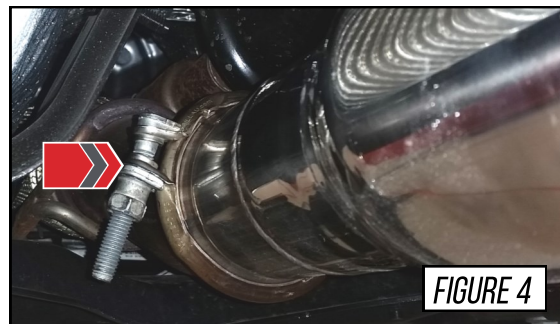


STEP 4

Loosen the factory V-band clamp so the remainder of the exhaust can be removed.

Transfer the factory V-band to the resonated front section (part **YC**), and install as shown by the arrow in **Figure 4**.

Do not torque the factory V-band clamp until the final step.



STEP 5

Install the mid pipe section (part **YE**) over the front mid pipe outlet using one of the included 3.0" Accu-Seal clamps. Orient the clamp away from both the heat shielding and driveshaft, as shown by **Arrow A** in **Figure 5**.

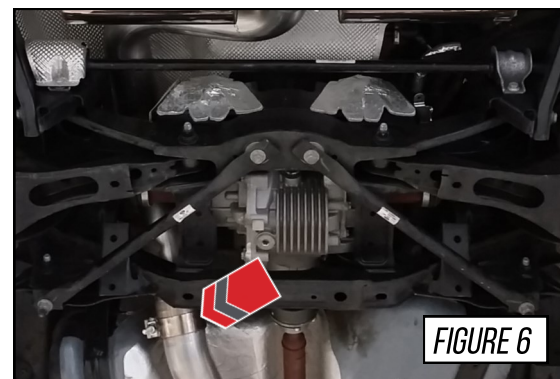
Do not torque any Accu-Seal clamps until the final step.

Fully seat the mid pipe onto the resonated front pipe. The exhaust hanger bushing should be slightly forward in-vehicle when the hanger is installed correctly, as shown by **Arrow B** in **Figure 5**.




STEP 6

Install the over-axle tube (part **YF**) using one of the included 3" Accu-Seal clamps. Orient the clamp away from the heat shielding, as shown by the arrow in **Figure 6**.

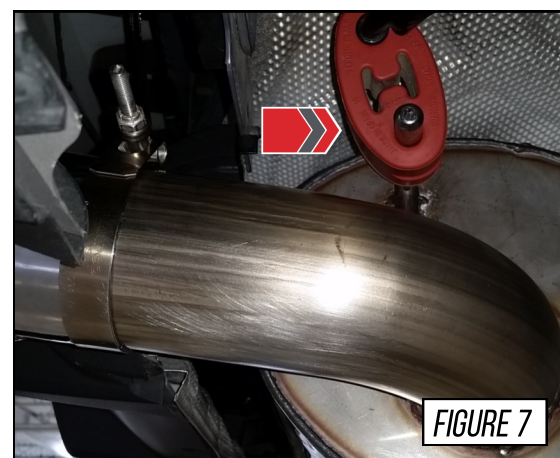


STEP 7

 Removing the bushings from the hangers on the car and preinstall them onto the rear muffler / tube section to make installation easier.

Install the rear section (part **YL**) 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-car, as shown by the arrow in **Figure 7**.



STEP 8

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 8** shows the expanded pipe and the preinstalled Accu-Seal clamp being brought up to the corresponding pipe.

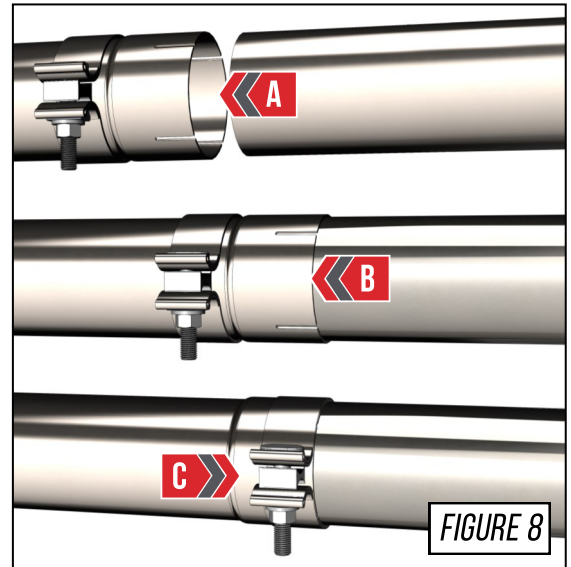
Arrow B in **Figure 8** shows the overlapping pipe installed correctly over the corresponding pipe.

Arrow C in **Figure 8** 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 9

Center each tailpipe outlet in the exhaust tip pocket on the rear diffuser.

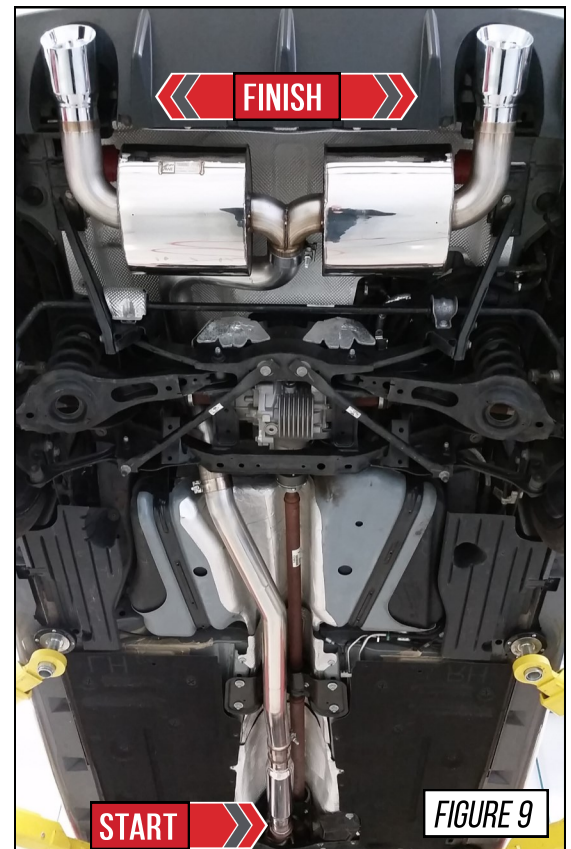
Install each exhaust tip with an included T-bolt clamp, but do not torque until the exhaust system has been fully adjusted and tip placement is satisfactory.

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 9 shows where to start and finish.

Torque the V-band clamp to the factory specification.

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



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 Helmholtz 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.

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. 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.

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:

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