



VA/GV SUBARU WRX/STI EXHAUST INSTALLATION GUIDE

Thank you for purchasing the **AWE Track Edition** or **Touring Edition Exhaust System** for the **VA/GV Subaru WRX** or **STI**.

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 Edition & Touring Edition Parts:

- 1 Mid-pipe section (part A34)
- 1 Axle pipe section (part A35)
- 4 102mm slash cut tips (*optional finish*)

Track Edition Only:

- 1 Driver rear section (part A38)
- 1 Passenger rear section (part A39)

STI Touring Edition Only:

- 1 Driver rear section (part A36)
- 1 Passenger rear section (part A37)

WRX Touring Edition Only:

- 1 Driver rear section (part A89)
- 1 Passenger rear section (part A90)

Hardware Kit:

- 3 3.0" (76.2mm) Accu-Seal clamps
- 4 2.5" (63.5mm) Tip clamps

Tools Required:

STEP 1



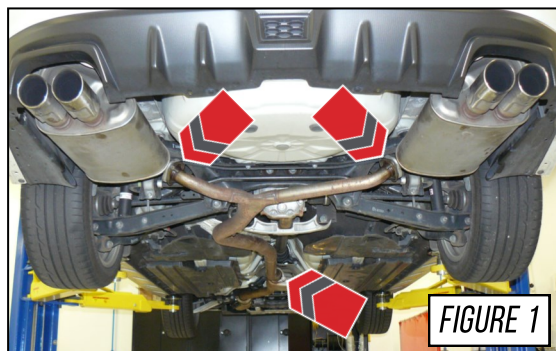
Installation of the AWE Performance Exhaust System is the reverse of the removal OEM exhaust.



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

If a downpipe is being installed, it is best to complete both installations at the same time. Adjusting final exhaust tip location can differ between a stock downpipe and any aftermarket unit.

Prior to removal, spray each flange, bolt and hanger bushing with a penetrant oil to help with loosening and disassembly.



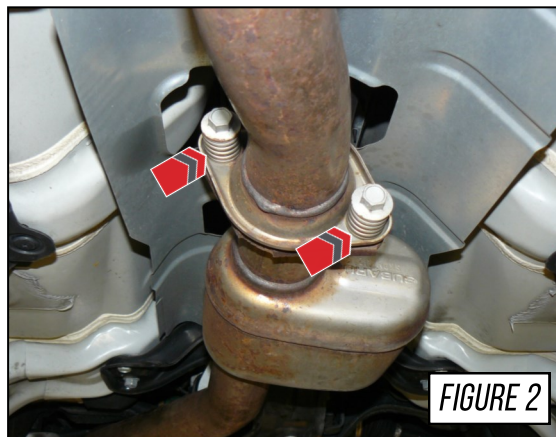
STEP 2

Remove the spring-bolts located at the downpipe flange, as shown by the arrows in **Figure 2**.

Set spring-bolts aside for reuse during installation of the AWE Performance Exhaust.



NOTE: If the downpipe has already been installed, proceed to *Step 4*. As the factory exhaust has already been removed.




STEP 3

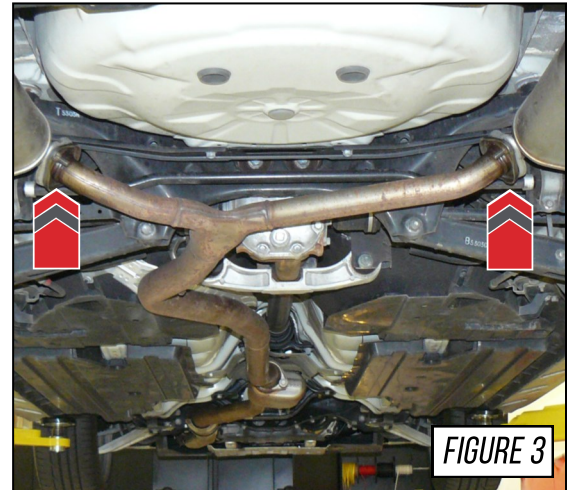
Loosen the flange bolts located at the arrows in **Figure 3**.

Remove the mid-pipe section from the car.

Remove the rear muffler assemblies from the car.

 **NOTE:** Removing the mid-pipe section first makes removal of the mufflers easier.

The AWE Performance Exhaust is ready to be installed.




STEP 4

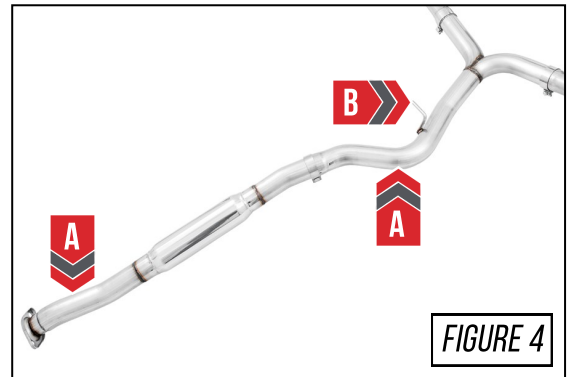
Using one of the included 3.0" Accu-Seal clamps, preassemble the mid-pipe section (part A34) and the axle-pipe section (part A35), as shown by **Arrows A** in **Figure 4**.

Install assembly onto the flanged outlet of the downpipe.

Lift the axle-pipe section hanger into the associated hanger on the car, hanger shown by **Arrow B** in **Figure 4**.

Thread the original spring-bolt hardware at the flange, at the inlet side of the mid-pipe section.

 **NOTE:** Do not torque or over-tighten any clamps or bolts until the entire exhaust system has been installed and adjusted.



STEP 4

Using the remaining 3.0" Accu-Seal clamps, install both the driver and passenger side rear sections, as shown by **Arrows A** in **Figure 5**.

Use the included tip clamps to install the slash-cut tips at each outlet, as shown by **Arrows B** 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.

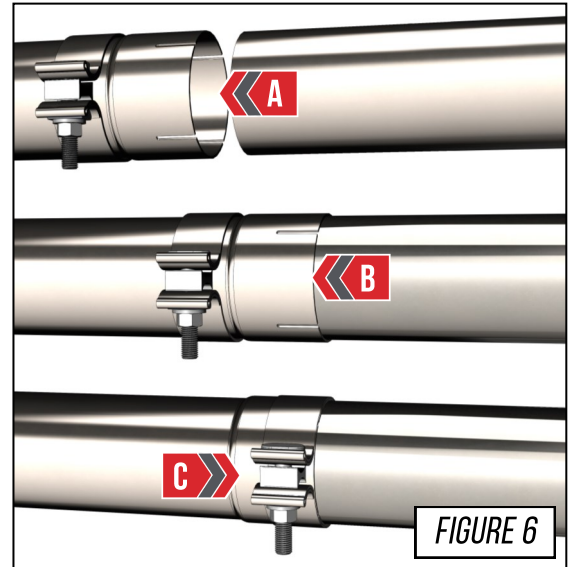


FIGURE 6

STEP 7

After the exhaust has been adjusted and the tips are located correctly within the tip pockets, torque the factory spring-bolts, located at the downpipe flange, to factory specification.

Torque each Accu-Seal clamp from the beginning to end, in that order.



FIGURE 7

STEP 8

To accomplish the best tip fitment, align the 2.50" 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.



NOTES:

- It is recommended to apply anti-seize to the threads to prevent thread binding, shown by **Arrow C** in **Figure 8**.
- It is okay to have the clamp extend beyond the edge of the tip inlet.

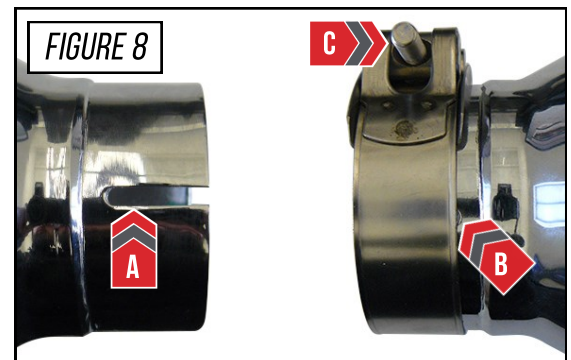


FIGURE 8

ENJOY!

