



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**. For up-to-the-minute fitment information, be sure to visit the Subaru 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 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.

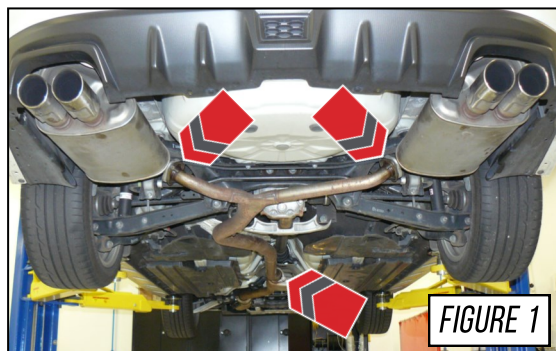


FIGURE 1

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.

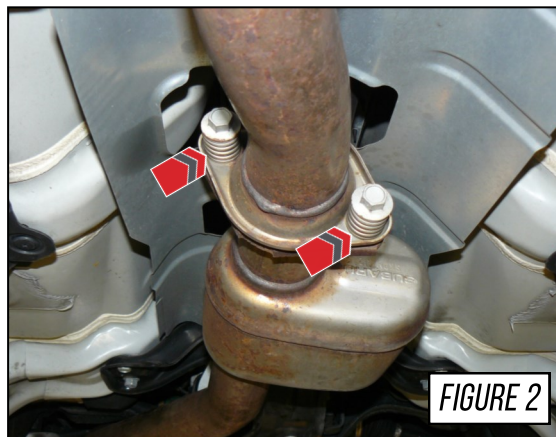



FIGURE 2

STEP 3

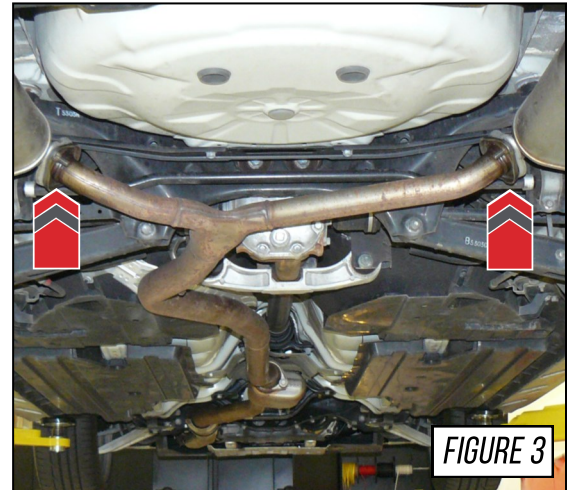
Loosen the flange bolts located at the arrows in **Figure 3**.

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

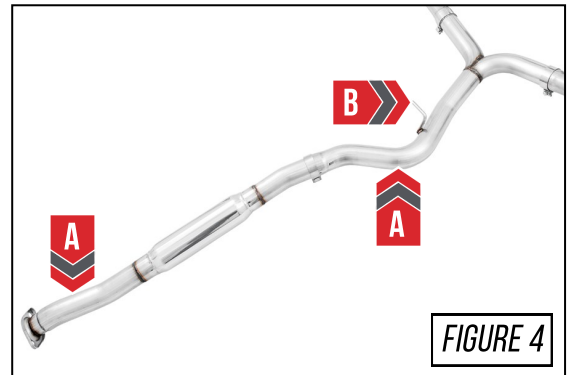
Using one of the included 3.0" Accu-Seal clamps, preassemble the mid-pipe section (part A34) and the axle-pipe section (part A35), as shown by **Arrows A** in **Figure 4**.

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.

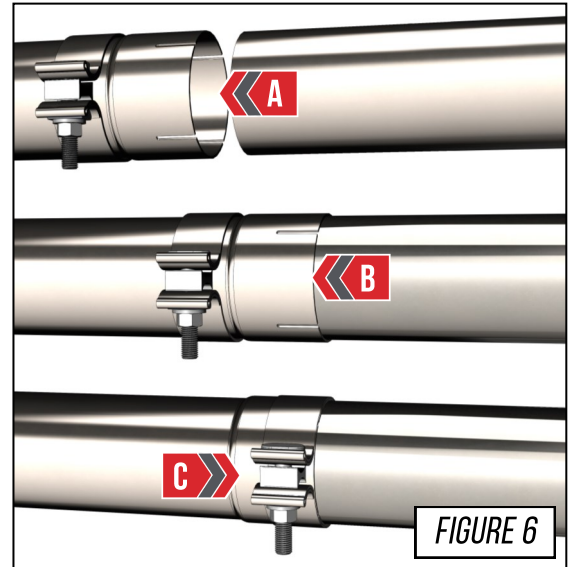
Arrow B in **Figure 6** shows the overlapping pipe installed correctly over the corresponding pipe.

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.



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.



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**.

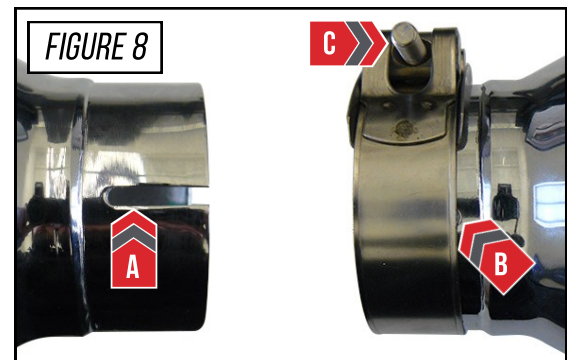
The clamp should only be covering the section of the tip that has been slotted, as shown by **Arrow B** in **Figure 8**.

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.



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 Exhaust System** for the **VA/GV Subaru WRX** or **STi**, 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 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.