



2017+ AUDI A5 TRACK & TOURING EXHAUST INSTALLATION GUIDE

Thank you for purchasing the AWE 2017+ Audi A5 Track or Touring Edition Exhaust System.

PARTS LIST



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

TRACK & TOURING EDITION

- 1 Downpipe upper section (part VL)
- 1 Downpipe lower section (part YX)
- 1 Mid-muffler section (part VT)
- 1 Driver axle tube (part VU)
- 1 Passenger axle tube (part VX)
- 2 102mm slash cut tips (optional finish)

Touring Edition Only:

- 1 Driver rear section (part VY)
- 1 Passenger rear section (part VZ)

Track Edition Only:

- 1 Driver rear section (part WA)
- 1 Passenger rear section (part WB)

Hardware Kit:

- 4 2.5" (63.5mm) Accu-Seal clamps
- 2 3.0" (76.2mm) Accu-Seal clamps
- 2 2.5" T-Bolt clamp
- 1 M6 nut
- 1 M6-1.0 bolt
- 2 M6 washers

Tools Required:

- T25 Torx driver
- 10mm triple square driver
- 12mm socket / combination wrench
- 13mm socket / combination wrench

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.

Before removing the factory exhaust, soak the fasteners that hold the exhaust in place with a penetrating oil.

Start by removing the two (2) 12mm nuts at the exhaust flange behind the catalytic converter, as shown by the arrows in **Figure 1**. These are best accessed under the hood from the driver side, reaching across the backside of the engine; the third bolt is accessed under the car.

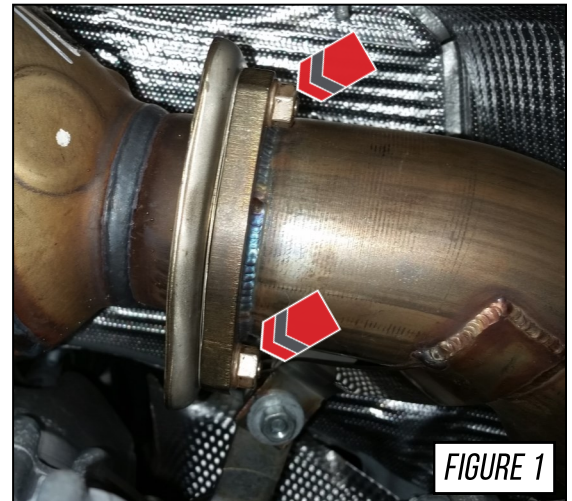


FIGURE 1

STEP 2

The remainder of the removal process takes place under the car. Removing the belly pan is accomplished by removing the fasteners as shown by the arrows in **Figure 2**.

One (1) T25 Torx, at **Arrow A** in **Figure 2**.

Two (2) quick release fasteners, at **Arrows B** in **Figure 2**.

Five (5) quarter-turn fasteners, at **Arrows C** in **Figure 2**.

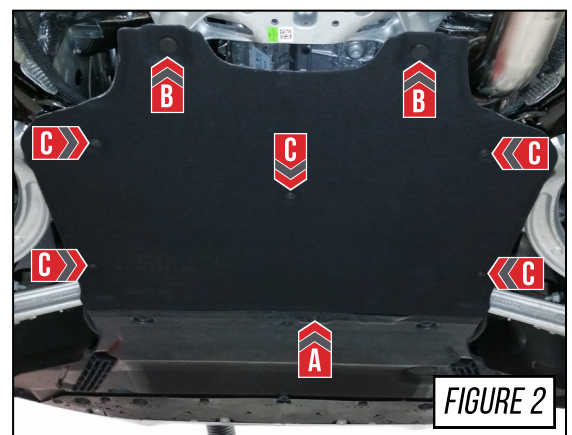


FIGURE 2

STEP 3



Before removing any braces or hanger supports, be sure the exhaust is supported either by a second set of hands or support stands.

Remove the four (4) 10mm triple square bolts that secure the cross brace in place, as shown by the arrows in **Figure 3**.

The middle muffler hanger bracket is also held into place through these bolts; once removed, set aside the hanger and bracket for reuse on the AWE mid-muffler section (part VT).

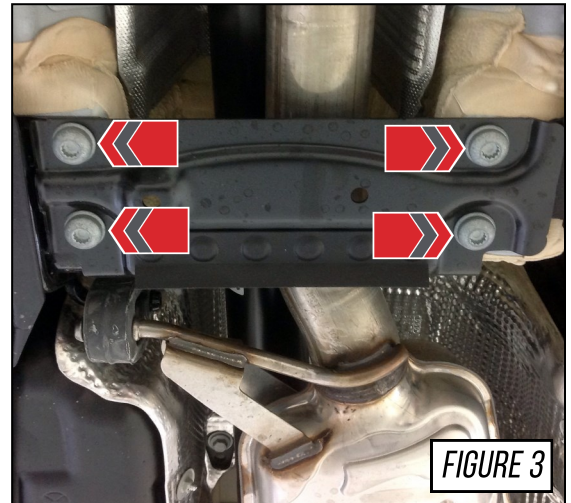


FIGURE 3

STEP 4

Starting from the rear of the car, support the OEM rear mufflers and loosen the two (2) 13mm bolts that secure the sleeve clamps, as shown by the arrow in **Figure 4**.

Remove the OEM rear muffler section from the car.

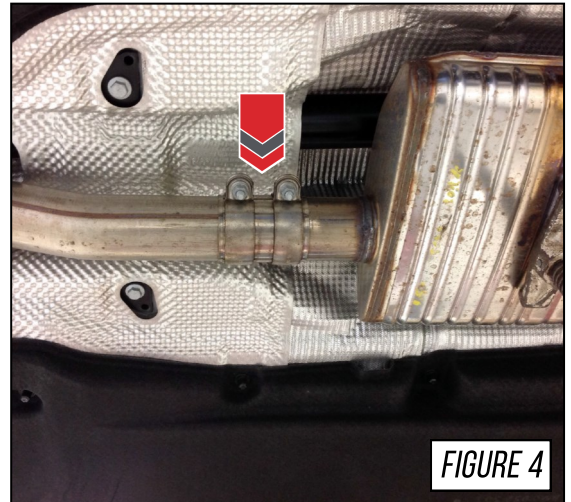


FIGURE 4

STEP 5

Loosen and remove the last remaining 12mm nut from the exhaust flange at the catalytic converter, as shown by **Arrow A** in **Figure 5**.

Loosen and remove the 13mm bolt that secures the downpipe to the support bracket, as shown by **Arrow B** in **Figure 5**.

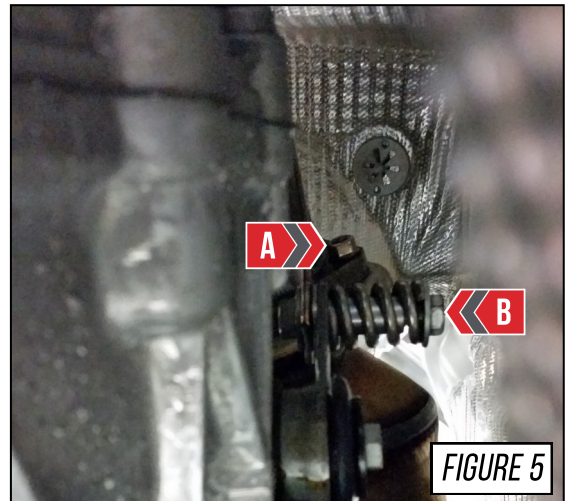


FIGURE 5

STEP 6

Properly support the OEM mid muffler and downpipe before complete removal.

Remove the two (2) 10mm triple square bolts that hold the hanger bracket onto the cross brace; shown by the arrows in **Figure 6**.

The OEM exhaust can now be completely removed from the car allowing the AWE Touring or Track Edition exhaust to be installed in the reverse order of removal.

Transfer the OEM hanger bushings and brackets onto the corresponding AWE exhaust parts.

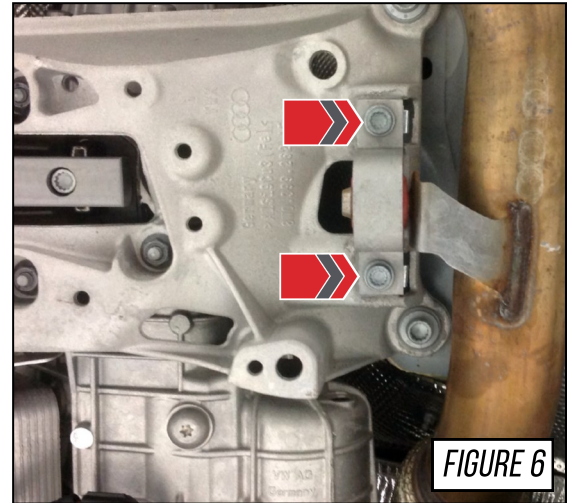


FIGURE 6

STEP 7

Before installing the AWE Performance Exhaust system, the heat shielding shown by the arrow in **Figure 7** will need to be pushed up about a half inch to make room for the larger exhaust diameter.

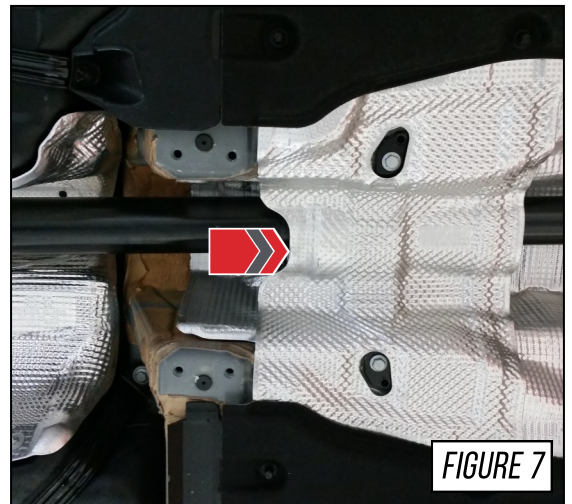


FIGURE 7


STEP 8

It is crucial to install Accu-Seal clamps correctly to ensure proper torque and clamping force when connecting exhaust tubing.

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.

 Do not torque the Accu-Seal clamps until the entire exhaust has been installed and adjusted.

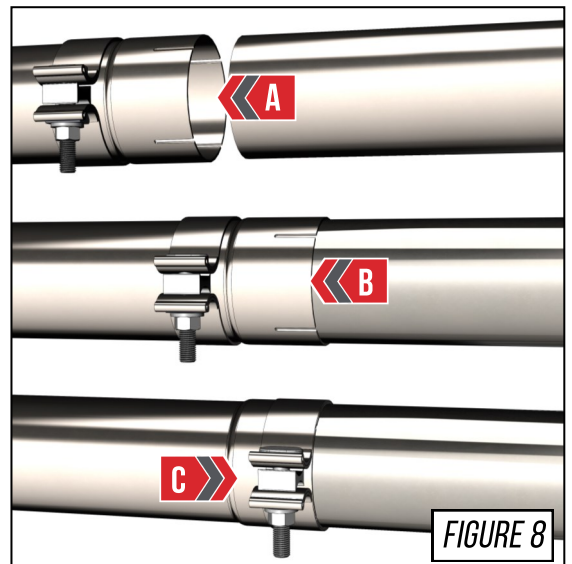


FIGURE 8

STEP 9

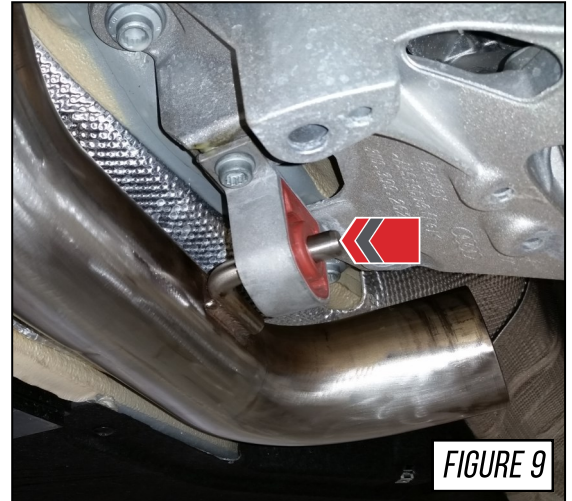
Starting at the downpipe upper section (part VL), reuse the factory mounting hardware and gasket for the exhaust flange.

Reinstall the mounting bracket and hanger hardware, as shown by the arrow in **Figure 9**.

Reinstall and torque the flange nuts to manufacturer specification along with the spring-bolt into the support bracket. Be careful; do not overtighten the spring-bolt.



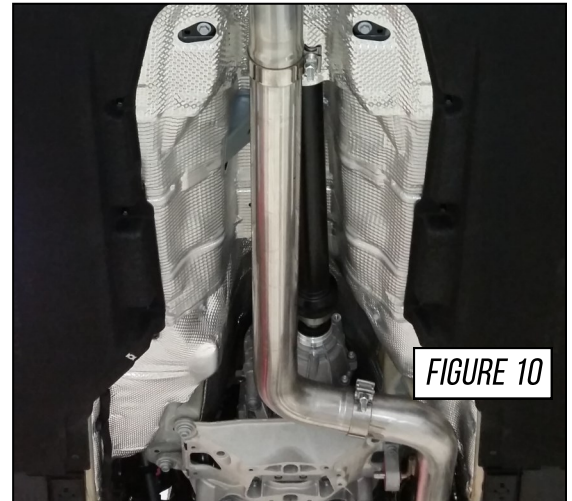
NOTE: Spraying an assembly lube into the hanger bushings will make installation easier.



STEP 10

Slipping a 3.0" Accu-Seal clamp over the inlet side of the downpipe lower section (part YX), install into place as shown in **Figure 10**. Be sure to fully seat the pipe over the corresponding pipe.

Do not torque any of the clamps into place until the entire system has been installed and adjusted.



STEP 11

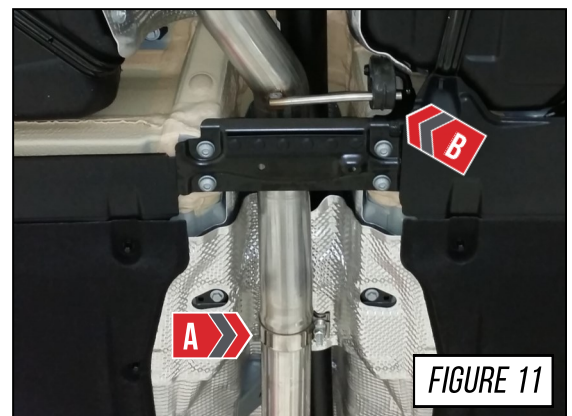
Use a 3.0" Accu-Seal clamp over the inlet portion of the mid-muffler section (part VT) and install into place, as shown by **Arrow A** in **Figure 11**.

Transfer the OEM hangers and bushing assembly into location and reinstall the cross brace, as shown by **Arrow B** in **Figure 11**.

Installing both hangers before installing the cross-brace may make installation easier.



NOTE: As the mid-muffler section is installed, assure there is no contact with the modified shielding from **Step 7** before continuing.



STEP 12

Place a 2.5" Accu-Seal clamp over the inlet of the passenger axle tube (part VX) and install onto the mid-muffler section, as shown by **Arrow A** in **Figure 12**. This pipe must be installed first due to the shape of the pipes.

Place a 2.5" Accu-Seal clamp over the inlet of the Driver axle tube (part VU) and install onto the mid-muffler section, as shown by **Arrow B** in **Figure 12**.

With both pipes fully seated, align the two tabs and insert the M6 hardware to clamp the two tabs together.

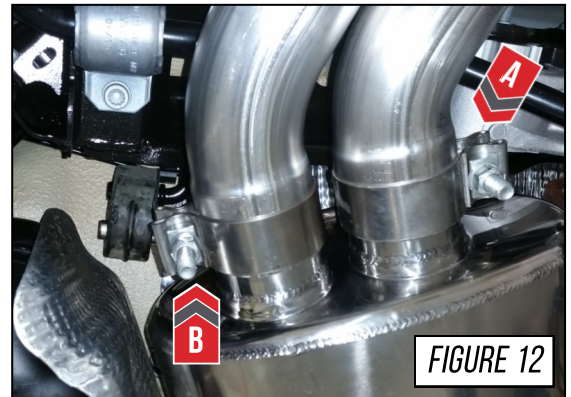


FIGURE 12

STEP 13

Track Edition exhaust shown in **Figure 13**.

Use a 2.5" Accu-Seal clamps to install the driver rear section (Touring Edition part VY -or- Track Edition part WA), as shown by **Arrow A** in **Figure 13**.

Use the last 2.5" Accu-Seal clamp to install the passenger rear section (Touring Edition part VZ -or- Track Edition part WB), as shown by **Arrow B** in **Figure 13**.

Using the remaining 2.5" T-Bolt clamps, install the 102mm slash cut tips into location, shown by **Arrow C** in **Figure 13**. The AWE logo is offset so the angle of the tip can match the angle of the cutout in the bumper. This means that the tips are specific to driver and passenger sides.

Once the exhaust tips are properly aligned, starting at the downpipe section moving towards the rear of the car, torque each Accu-Seal clamp to 40ft/lbs.

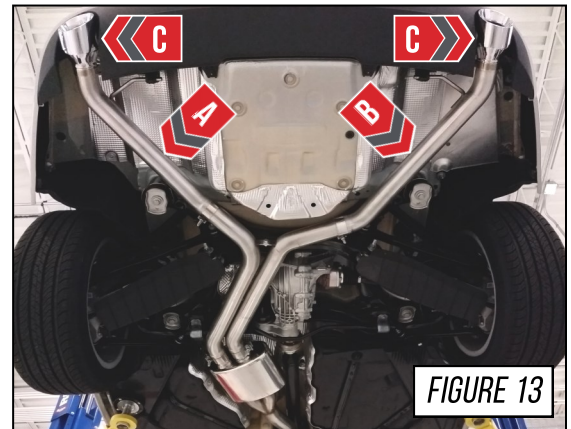


FIGURE 13

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 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:

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.