



2017+ AUDI A5 EXHAUST SUITE INSTALLATION GUIDE

Thank you for purchasing the **AWE SwitchPath™ Exhaust System** for the **2017+ Audi A5**. For up to the minute fitment information, be sure to visit the Audi B9 A5 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.

SwitchPath™ Exhaust Parts:

- 1 Downpipe upper section (part VL)
 - 1 Downpipe lower section (part YW)
 - 1 Mid-pipe section (part VN)
 - 1 Driver rear section (part VQ)
 - 1 Passenger rear section (part VR)
 - 2 102mm slash cut tips
 - 1 Black drivers side tip (31122282-BLK)
 - 1 Black passenger side tip (31122283-BLK)
- OR
- 1 Chrome drivers side tip (31122282)
 - 1 Chrome passenger side tip (31122283)

Hardware Kit:

- 1 SwitchPath™ Remote installation kit
- 1 2.5" (63.5mm) Accu-Seal clamp (TAS250)
- 3 3.0" (76.2mm) Accu-Seal clamp (TAS300)
- 2 2.5" Tip clamps

Tools Required:

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

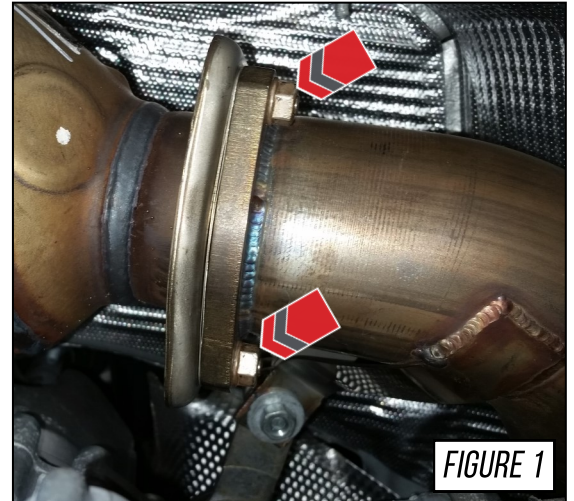


FIGURE 1

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**.

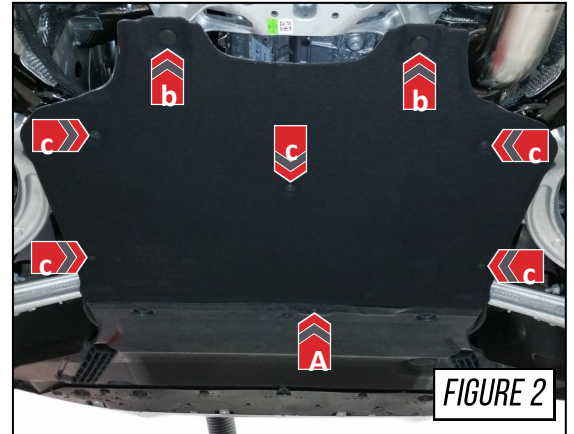


FIGURE 2

STEP 3



NOTE: 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 SwitchPath™ Exhaust mid pipe section (part VN)

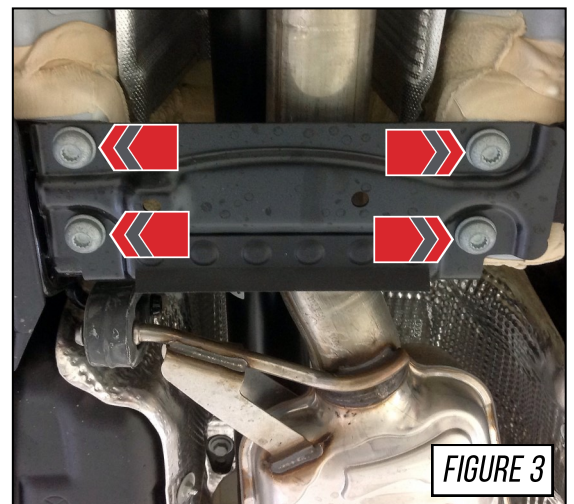
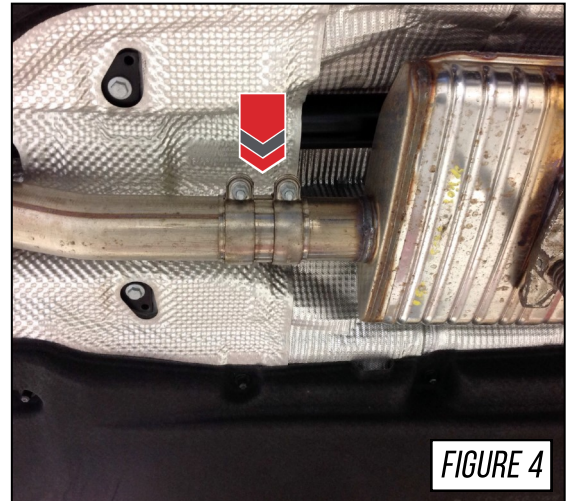


FIGURE 3

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**.

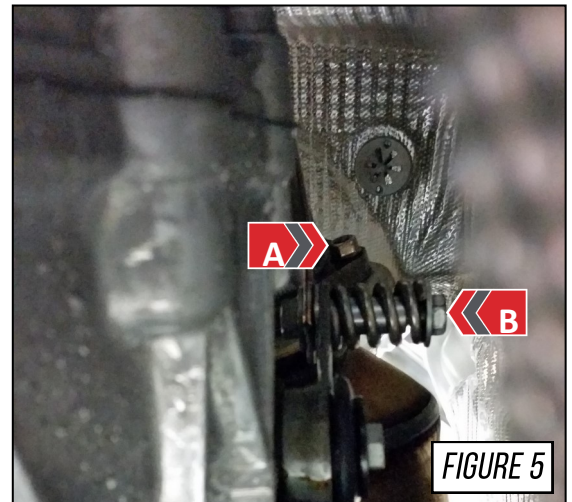
Remove the OEM rear muffler section from the car.



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**.



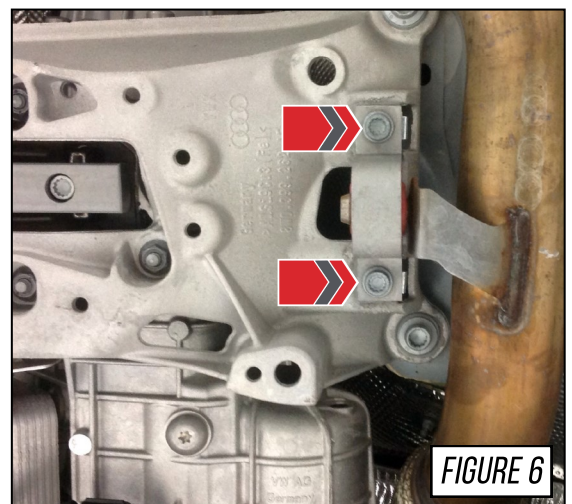
STEP 6

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 SwitchPath™ exhaust to be installed in the reverse order of removal.

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



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.




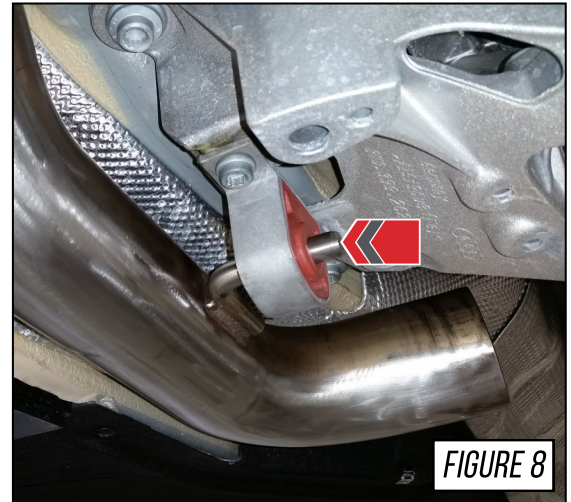
STEP 8

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 8**.

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.

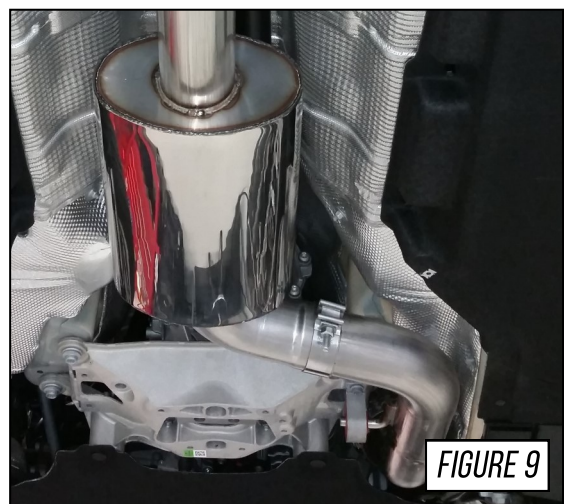
 **NOTE:** Spraying an assembly lube into the hanger bushings will make installation easier.



STEP 9

Slipping a 3.0" Accu-Seal clamp over the inlet side of the downpipe lower section (part YW), install into place as shown in **Figure 9**. 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 10

Use a 3.0" Accu-Seal clamp over the inlet portion of the mid-pipe section (part VN) and install into place, as shown by **Arrow A** in **Figure 10**.

Transfer the OEM hanger bushing assembly into location and reinstall the cross brace, as shown by **Arrow B** in **Figure 10**.



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

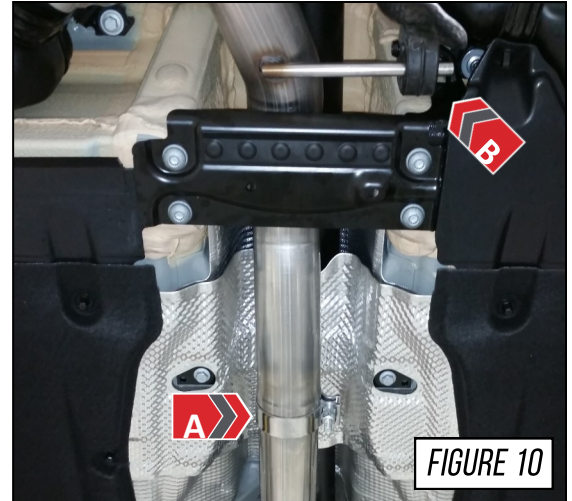


FIGURE 10

STEP 11

Place a 3.0" Accu-Seal clamp over the inlet of the driver rear section (part VQ) and install onto the mid-pipe section, as shown by **Arrow A** in **Figure 11**. Install the hanger into the bushing located at the driver side rear corner of the car.

Place a 2.5" Accu-Seal clamp over the inlet of the passenger rear section (part VR) and install onto the "T-section" of the driver rear section, as shown by **Arrow B** in **Figure 11**. Insert the hanger on the rear muffler into the bushing located at the passenger rear corner of the car.

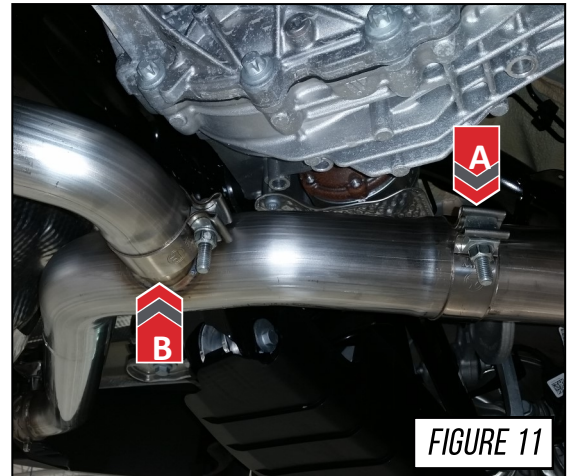


FIGURE 11

STEP 12

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

Arrow A in **Figure 12** shows the expanded pipe and the preinstalled Accu-Seal clamp being brought up to the corresponding pipe.

Arrow B in **Figure 12** shows the overlapping pipe installed correctly over the corresponding pipe.

Arrow C in **Figure 12** 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.

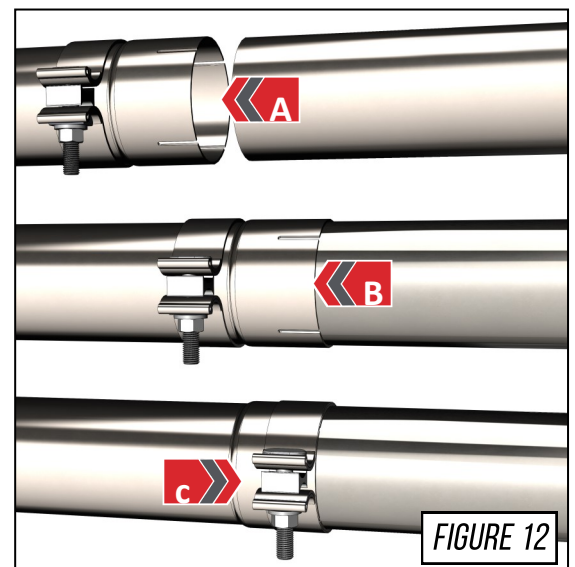


FIGURE 12

STEP 13

To accomplish the best tip fitment, align the 2.5" tip clamp to cover *only* the slot, as shown by **Arrow A** in **Figure 13**.

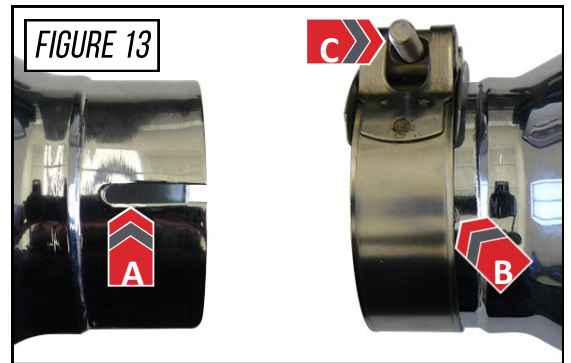
The clamp should only be covering the section of the tip that has been slotted, as shown by **Arrow B** in **Figure 13**.

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

NOTES:



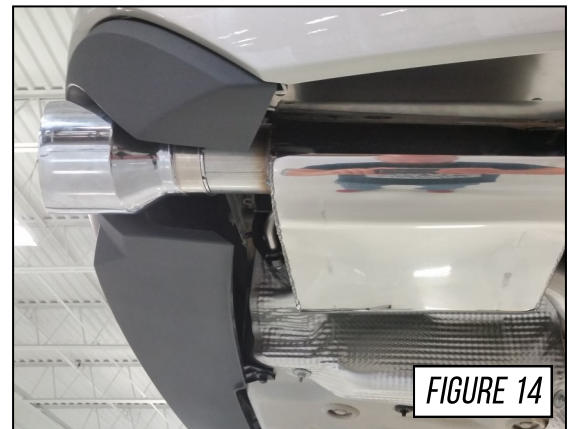
- It is recommended to apply anti-seize to the threads to prevent thread binding, shown by **Arrow C** in **Figure 13**.
- It is okay to have the clamp extend beyond the edge of the tip inlet.



STEP 14

Using the remaining 2.5" tip clamps, install the 102mm slash cut tips into location. 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.



STEP 15

AWE SwitchPath™ Remote kit installation instructions:



NOTE: Disconnect the battery before performing any electrical work.

Located in the trunk, open the access panel that contains a vehicle control unit on the left hand side of the car, as shown in **Figure 15**.



STEP 16

The SwitchPath™ Remote installation kit includes a control box and harness. The red wire is used in conjunction with the blue Posi-Tap connector, as shown by **Arrow A** in **Figure 16**. Tap into a wire that is a “switched” 12-volt circuit.

Using a 10mm socket, loosen and remove the nut shown by **Arrow B** in **Figure 16**. Lift the control unit off the mount and install the ground wire.

Reinstall the vehicle control unit.

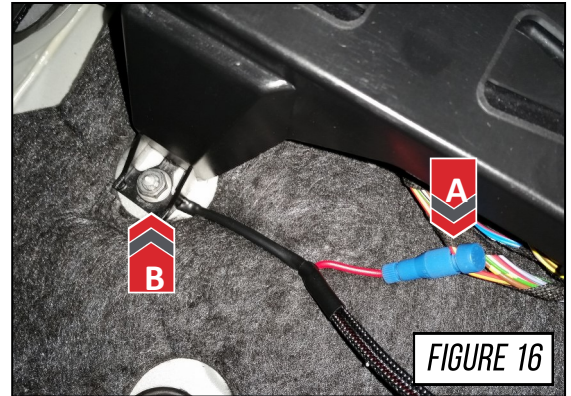


FIGURE 16

STEP 17

Located next to the box location is a grommet that is directly over the valve motor on the SwitchPath™ Exhaust system.

Shown by the arrow in **Figure 17**, slide the male connector from the SwitchPath™ control harness through the opening, then reinstall the grommet.

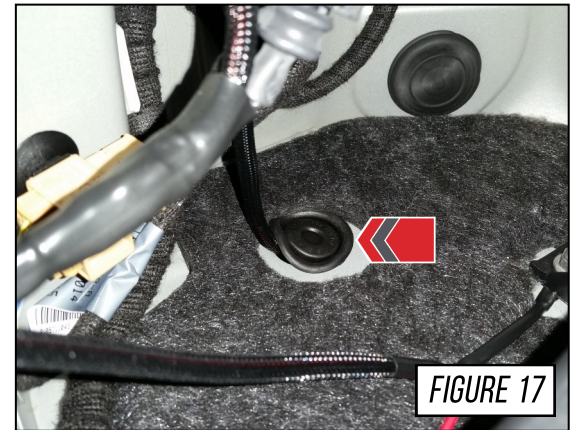


FIGURE 17

STEP 18

Use the supplied Zip-Ties to neatly place the remainder of the SwitchPath™ control box and harness inside the cavity, as shown in **Figure 18**.



FIGURE 18

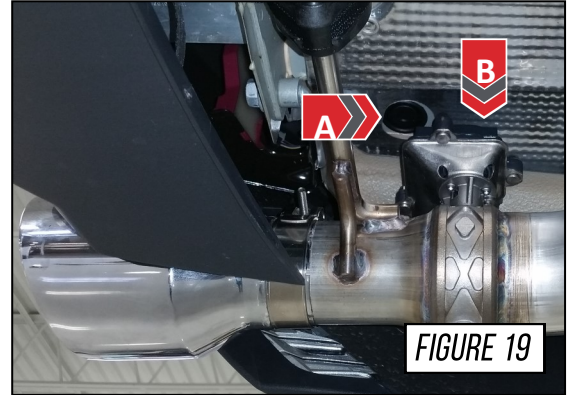
STEP 19

From under the car, the male connector should be coming out of the grommet located by **Arrow A** in **Figure 19**.

Plug the male connector into the female connector on the valve motor, shown by **Arrow B** in **Figure 19**.

Reconnect the battery.

Without starting the vehicle, turn on the vehicle to check operation of the valve, cycling it open and closed with the included remotes to insure proper operation.



STEP 20

The SwitchPath™ Remote can be hung on a keychain, or located on the inside the vehicle using the supplied mount. Use the supplied double-sided tape or plastic screws to secure the mount to the desired location within the cabin (i.e. in the center console or glovebox).

Mount shown next to the remote in **Figure 20**.



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.

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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Horsham, PA 19044
215-658-1670
performance@AWE-Tuning.com

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 **SwitchPath™ Exhaust System** for the **2017+ Audi B9 A5** to the original retail purchaser (Consumer) against manufacturer's defects as follows: **ONE (1) YEAR on electronics, 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.