



INSTALLATION GUIDE

**2014+ BMW M235i
Touring Edition Exhaust**

**2014+ BMW M235i
Performance Mid Pipe**

FOR RACING USE ONLY

Congratulations on your purchase of the AWE Tuning Touring Edition Exhaust and Performance Mid Pipe for the 2014+ BMW N55 engine M235i.

Exquisite build quality and superior performance distinguishes

Contact us with any installation questions.

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Touring Edition Exhaust

- 1 Resonator outlet tube (part LW)
- 1 Coupler (part KG)
- 1 Rear 180 Technology™ resonator assembly (part KH)
- 1 Dual outlet rear section (part NB)
- 4 3.00" accu-seal clamp
- 2 Hanger collar, 3/8"
- 1 Allen key, 7/64"

Performance Midpipe (compatible only with AWE Tuning Touring Edition Exhaust)

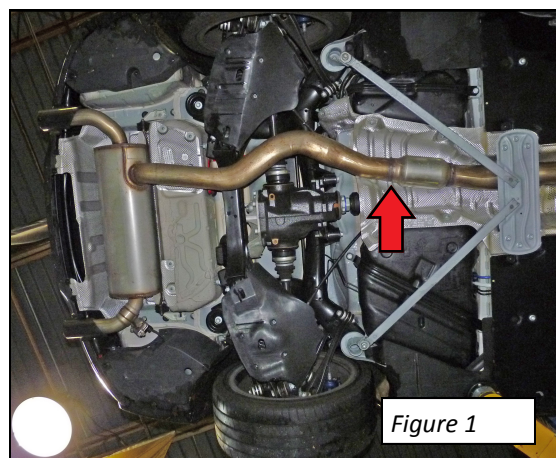
- 1 Front section (part LV)
- 1 Inlet section (part LZ)
- 1 Non-resonated mid tube (part LY)
- 1 Clamp/gasket assembly
- 3 3.00" accu-seal clamp

Step 1

If you are installing the AWE Tuning Touring Edition Exhaust with Performance Mid Pipe there is no need to cut the factory exhaust, so skip to **Step 2**.

If you are installing just the Touring Edition Exhaust and re-using the factory mid pipe, the exhaust will have to be cut just after the mid resonator.

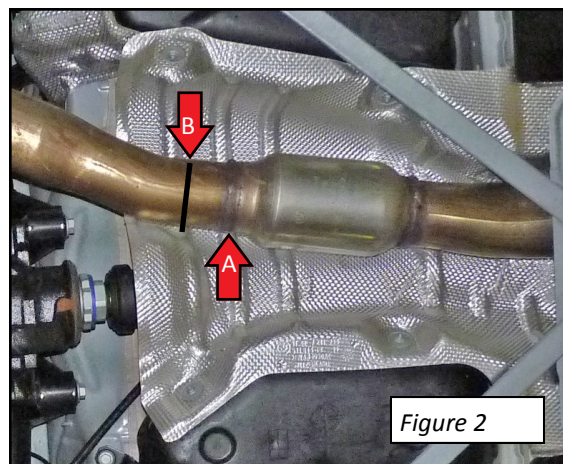
Locate the weld bead at the inlet of the factory mid pipe resonator, at arrow in **Figure 1**.



From **Arrow A** in **Figure 2** (weld bead), measure 2" behind (towards the rear of the car) and mark a line, at **Arrow B** in **Figure 2**. Cut here for Touring Edition Exhaust install point.

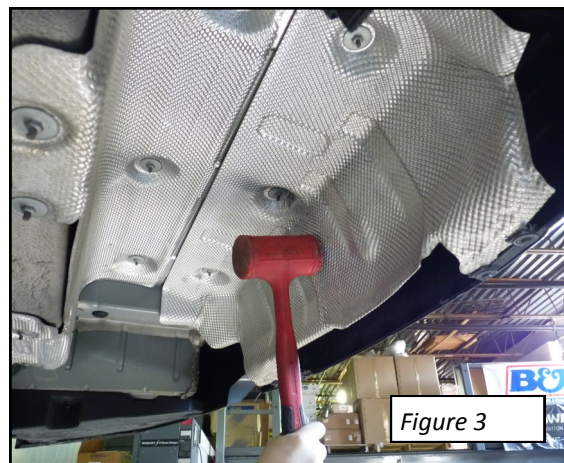
Unclip the wire harness to the valve motor and then remove the nuts securing the exhaust hangers to the chassis. Remove the muffler from the vehicle.

Deburr the ends of the cut tubing and ensure outside of the tube is free of debris.



Step 2

With a soft blow mallet, tap back by 1" the heat shielding behind the rear bumper, as shown in **Figure 3**.



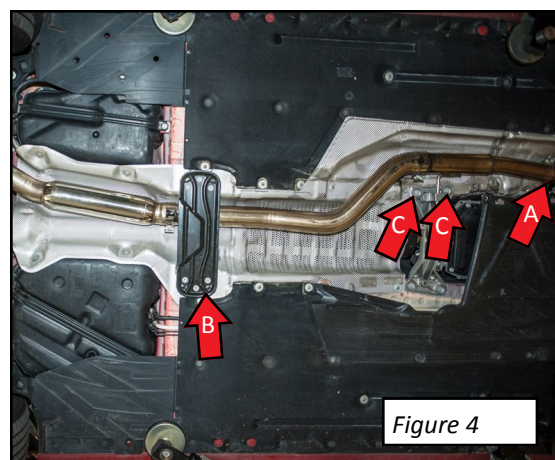
Step 3

If you are not installing the AWE Tuning Performance Mid Pipe, skip to **Step 7**.

Spray penetrating oil on the factory cat section exhaust clamp before loosening the nut, at **Arrow A** in **Figure 4**. Loosen this clamp. Remove the clamp and discard.

Remove chassis brace at the center of the vehicle, at **Arrow B** in **Figure 4**.

Remove bolts securing the front exhaust hanger to the cross-brace, at **Arrows C** in **Figure 4**.

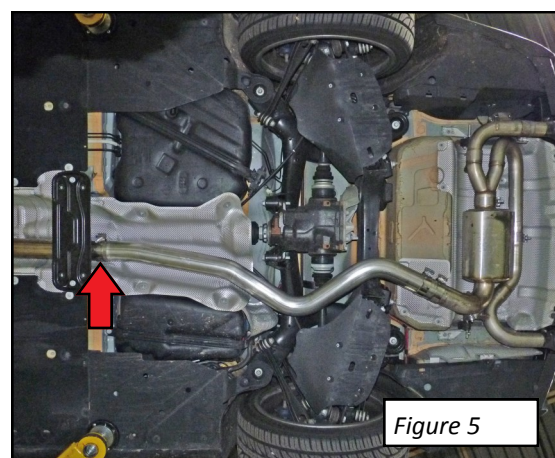


Step 4

If AWE Tuning Touring Edition Exhaust had been previously installed, loosen the clamps at the sleeve junction, at arrow in **Figure 5**.

If factory rear muffler is still installed, and you are removing the entire exhaust in one piece, support the rear muffler and unclip the wire harness to the valve motor and then remove the nuts securing the exhaust hangers to the chassis.

To remove the exhaust from the vehicle, drop it 8-10" downward from the chassis and pull rearward with a twisting motion to separate the junction at the cat section. Due to the weight of the system, it is recommended that two people perform this step.



Step 5

Installation of the AWE Tuning Performance Mid Pipe is essentially the reverse of removal.

Use the supplied BMW clamp/gasket assembly to join the front section to the factory cat section, at arrow in **Figure 6**.

Reinstall the factory mount bracket and align the hanger bar perpendicular on the Performance Mid Pipe front section by rotating the tube. Secure the bolts on the factory rubber hanger.

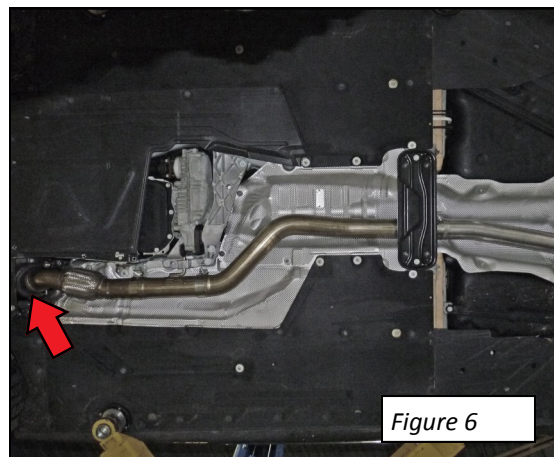


Figure 6

Step 6

Install balance of components using the supplied 3.0" Accu-Seal clamps at arrows in **Figures 7 and 8**.

Leave the clamps loose until the tips on the exhaust system are adjusted into position while simultaneously ensuring clearance at the mid brace.

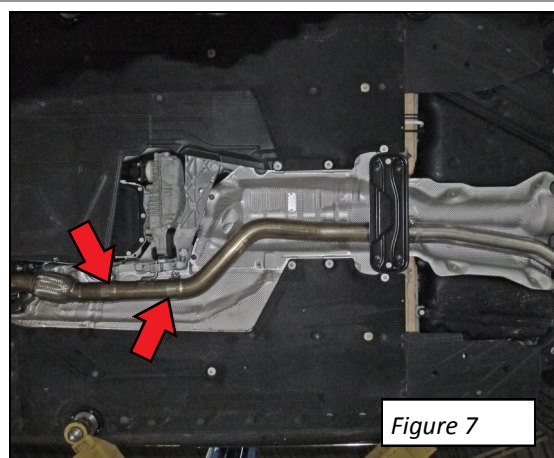


Figure 7

Use the supplied coupler with the Mid Pipe, at **Arrow A** in **Figure 8**, to attach the Mid Pipe to the AWE Tuning Touring Edition Exhaust.

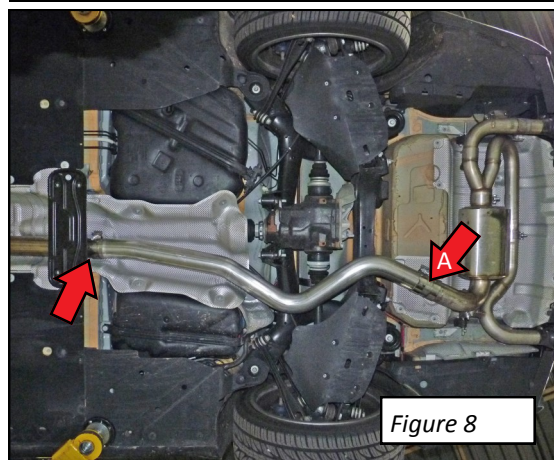


Figure 8

Step 7

Pre-assemble tip outlet section, at arrow in **Figure 9**, onto the rear 180 Technology™ resonator assembly outlet using supplied 3.0" Accu-Seal clamp.

Slip on factory hanger brackets to the exhaust hanger bars.

Use supplied M8 hardware to secure passenger outlet tab to rear muffler bracket as shown in **Figure 10**.

Use supplied coupler and two 3.0" Accu-Seal clamps to attach factory mid pipe to the muffler inlet. For proper clamping, make sure this coupler equally overlaps the mid pipe outlet and the muffler inlet.

Align tips in valance, tighten all clamps, including those on Performance Mid Pipe (if installed).

Unbolt valve motor from the factory exhaust.

Use the supplied M6 bolts and washers to mount the valve motor onto the AWE Tuning Touring Exhaust bracket.

Re-connect wire harness to valve motor.

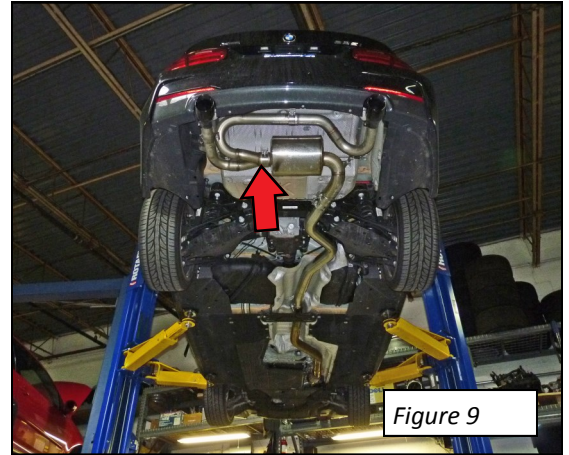


Figure 9

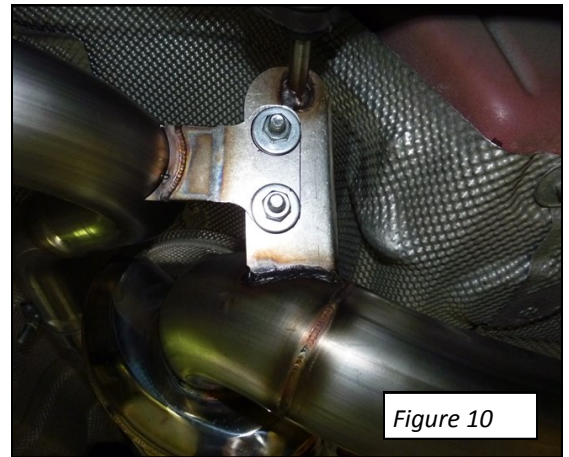


Figure 10

Step 8

Once the exhaust system is properly adjusted, install a hanger post clamp on each of the rear muffler hanger posts, as shown at arrow in **Figure 11**. Slide the clamp onto the hanger post so that it sits snug against the rubber element, and then tighten down with the enclosed allen wrench.

These clamps will keep the exhaust from sliding laterally under usage and will keep the tips properly aligned in the valance openings.

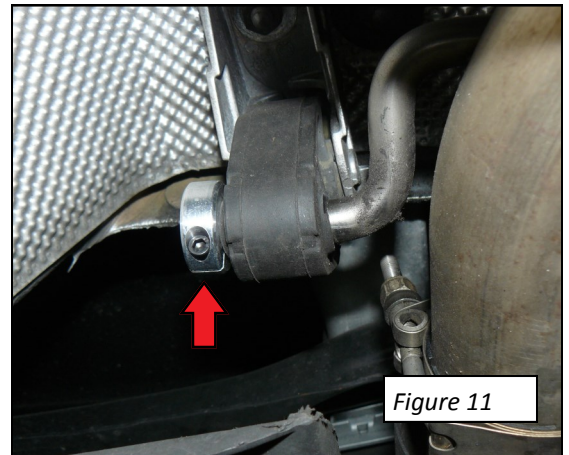


Figure 11

Once installed properly, your AWE Tuning exhaust will provide a lifetime of trouble free performance.

Please note that the rear 180 Technology™ resonator has a small drain hole to allow condensation to escape. Water drops from this area are normal.

Also, please note that the exhaust volume and sound will settle with usage. 800-1000 miles is typically required to fully break in a new exhaust system.

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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Thank you for choosing AWE Tuning as your performance automotive parts supplier. Please remember that 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.

Limited Warranty

The following warranty is valid only in the United States.

The Manufacturer's full warranty applies to all products sold.

Secor Ltd. (AWE Tuning) warrants to the original retail purchaser (Consumer) this product (2014+ BMW M235i Touring Edition Exhaust and Performance Mid Pipe), from date of original purchase, against manufacturing defects for:

ONE YEAR on tip finish
LIFETIME on balance of parts

Upon verification of warranty coverage, AWE Tuning will repair or replace the defective product at their discretion, 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 costs, shipping costs, inconvenience, loss of use of vehicle, damage to the vehicle or components, or other incidental or indirect damage.

All warranties are void if the product was not installed by a certified auto mechanic, improperly serviced, modified, or used in a way not intended by the Manufacturer. 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.

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 Tuning directly.