



2014+ TOURING EDITION AXLE-BACK EXHAUST INSTALLATION GUIDE

Thank you for purchasing the **AWE Touring Edition** axle-back exhaust system for the **2014+ BMW N55 engine M235i**. For up-to-the-minute fitment information, be sure to visit the BMW section of the [AWE website](#).

As always, AWE Performance Specialists are standing by for any questions, at 215-658-1870, 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.

TOURING EDITION AXLE-BACK 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"

Step 1

The Touring Edition Exhaust re-uses 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 1-1**.

From **Arrow A** in **Figure 1-2** (weld bead), measure 2" behind (towards the rear of the car) and mark a line, at **Arrow B** in **Figure 1-2**. 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.

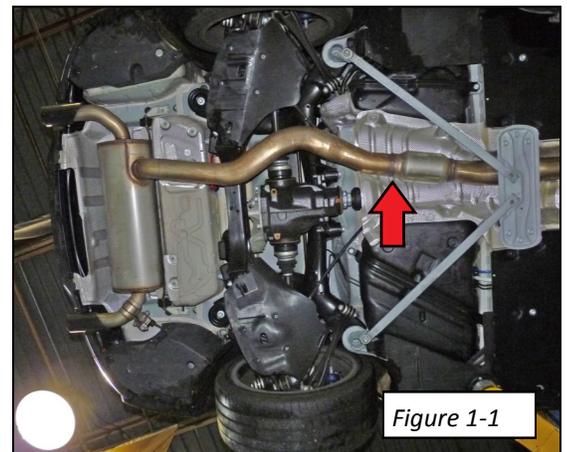


Figure 1-1

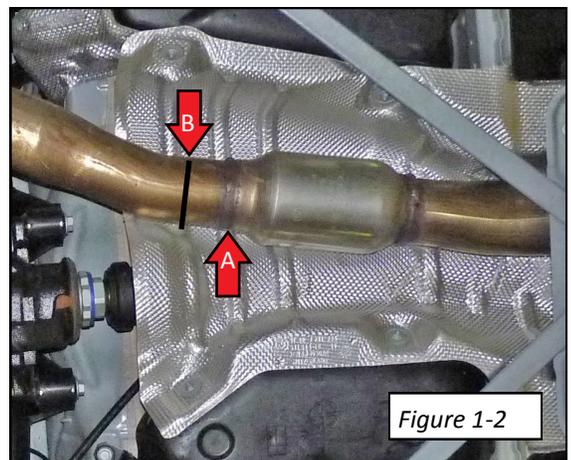
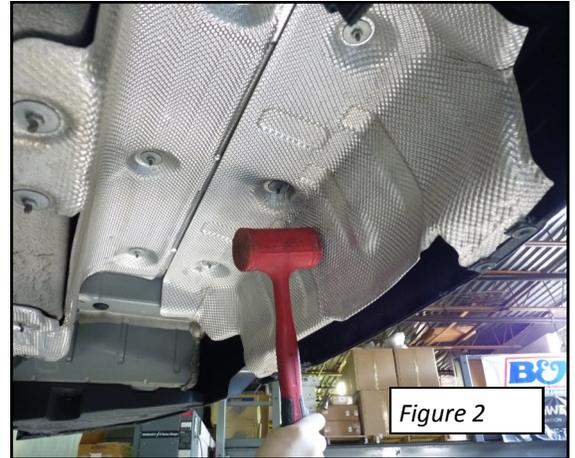


Figure 1-2

Step 2

With a soft blow mallet, tap back by 1" the heat shielding behind the rear bumper, as shown in **Figure 2**.



Step 3

Pre-assemble tip outlet section, at arrow in **Figure 3-1**, 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 3-2**.

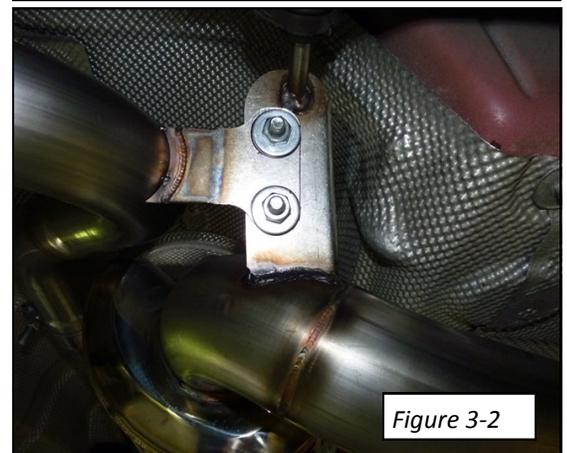
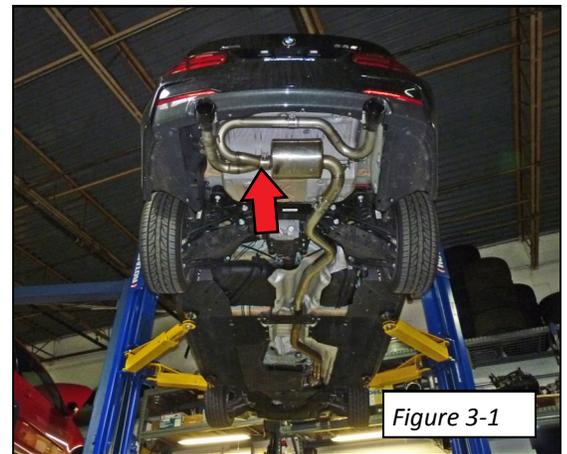
Use supplied coupler and two 3.0" Accu-Seal clamps to attach factory mid pipe to the muffler inlet. For proper clamping, make sure this coupler equally overlaps the mid pipe outlet and the muffler inlet.

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.

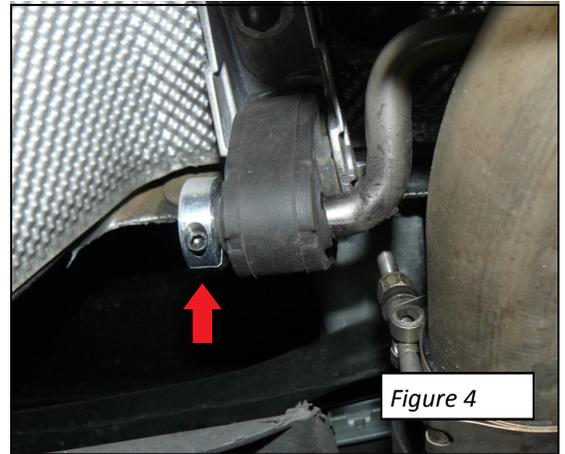
Re-connect wire harness to valve motor.



Step 4

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 4**. 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.



Step 5

To accomplish the best tip fitment, align the 2.25" tip clamp to cover *only* the slot, as shown by **Arrow A** in **Figure 5**.

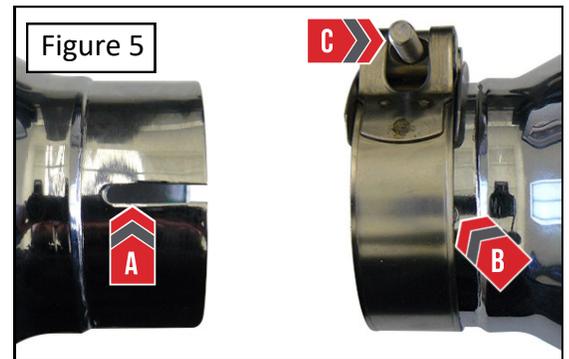
The clamp should only be covering the section of the tip that has been slotted, as shown by **Arrow B** in **Figure 5**.

Torque the tip clamp to a minimum of 18 ft./lbs.



NOTES:

- It is required to apply anti-seize to the threads to prevent the clamps from breaking, shown by **Arrow C** in **Figure 5**.
- It is okay to have the clamp extend beyond the edge of the tip inlet.



ENJOY!



CARE

Once installed properly, the 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.

Any questions or comments,
please do not hesitate to contact us:

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WARRANTY

Up-to-date warranty information is found [HERE](#).