



INSTALLATION GUIDE

2012+ BMW 320i Touring Edition Exhaust Performance Mid Pipe

Congratulations on your purchase of the AWE Tuning Touring Edition Exhaust and Performance Mid Pipe for the 2012+ BMW 320i.

Exquisite build quality and superior performance distinguishes this exhaust from all others.

Contact us with any installation questions.

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Touring Edition Single Tip Exhaust

- 1 tip section (part NE)
- 1 rear 180 Technology™ resonator assembly (part KH)
- 1 90mm tip or 102mm tip (optional finish)
- 1 2.62" t-bolt clamp
- 1 coupler (part KF)
- 3 3" accu-seal clamp
- 2 hanger collar, 3/8"
- 1 allen key, 7/64"

Performance Midpipe

- 1 front section A (part NC)
- 1 front section B (part ND)
- 1 mid-section (part KC)
- 1 resonator section (part KE)
- 1 coupler (part KG)
- 1 63.5mm accu-seal clamp
- 5 3.0" 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 3**.

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 rear axle. Before cutting, use a zip tie or other manner to support the factory exhaust as shown at arrow in **Figure 1**.

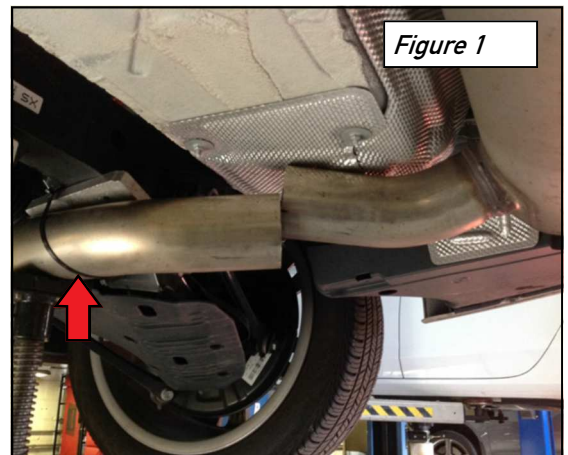


Figure 1

Step 2

Locate the dimple in the factory exhaust, at arrow in **Figure 2**, and cut the tubing at this point.

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.

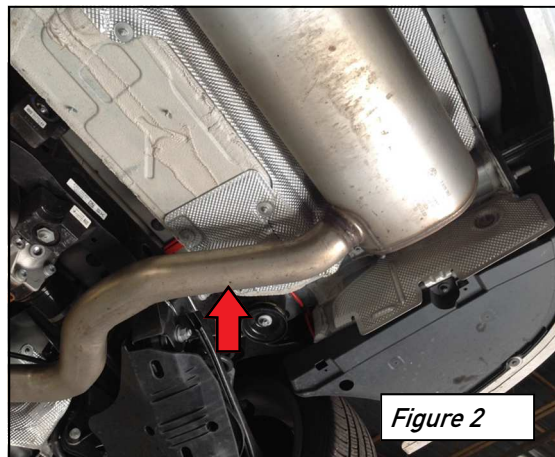


Figure 2

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 3**. Loosen this clamp.

Remove chassis brace at the center of the vehicle, at **Arrow B** in **Figure 3**.

Remove bolts securing the front exhaust hanger to the cross-brace, at **Arrows C** in **Figure 3**.

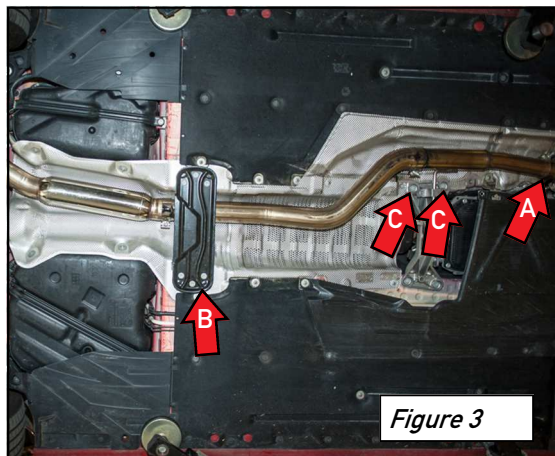


Figure 3

Step 4

If AWE Tuning Touring Edition Exhaust had been previously installed, loosen the clamps at the sleeve junction, at arrow in **Figure 4**.

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.

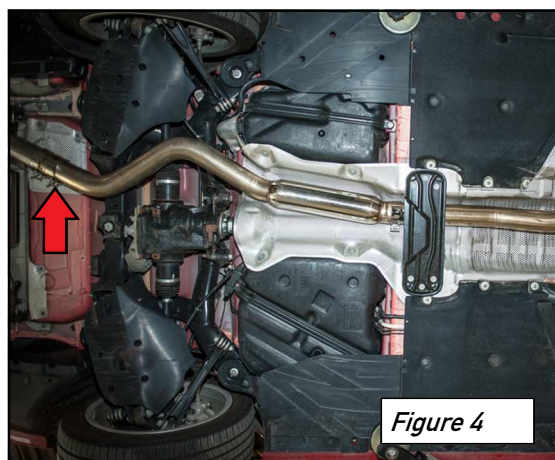


Figure 4

Step 5

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

Use the supplied 63.5mm Accu-Seal clamp to join the front section, Part NC, to the factory cat section, at arrow in **Figure 5**.

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.

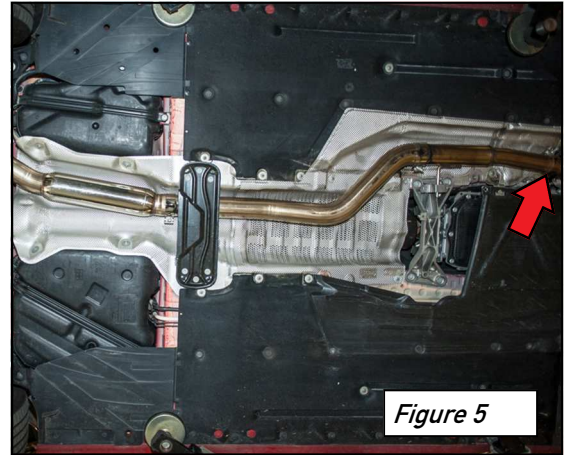


Figure 5

Step 6

Install balance of components using the supplied 3.0" Accu-Seal clamps at arrows in **Figures 6 and 7**. Part ND attaches to the outlet of Part NC. Part KC attaches to the outlet of Part ND.

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

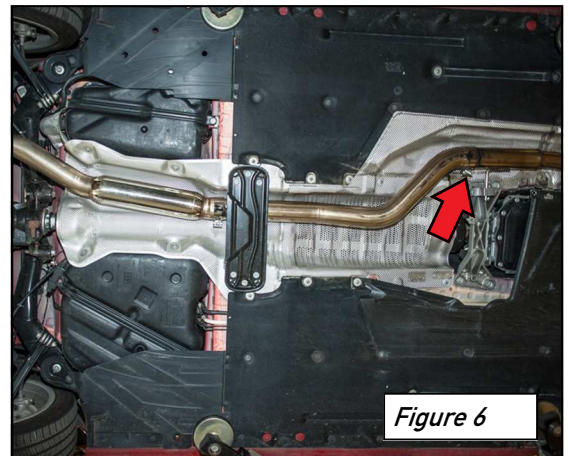


Figure 6

Use the supplied coupler with the Mid Pipe, at **Arrow A** in **Figure 7**, to attach the Mid Pipe to the AWE Tuning Touring Edition Exhaust.

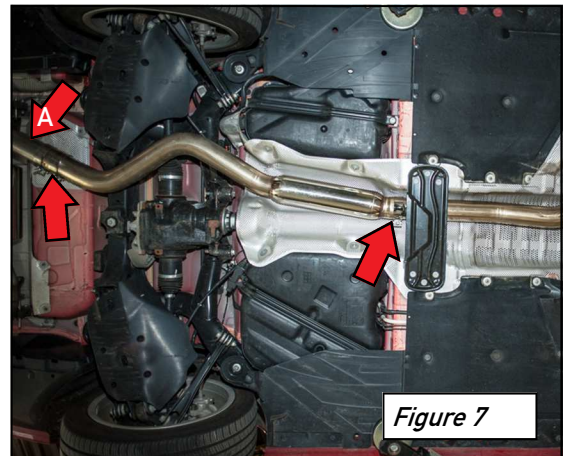


Figure 7

Step 7

Slip the tip outlet section, at arrow in **Figure 8**, 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 coupler and two 3.0" Accu-Seal clamps to attach factory mid pipe to the muffler inlet.

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

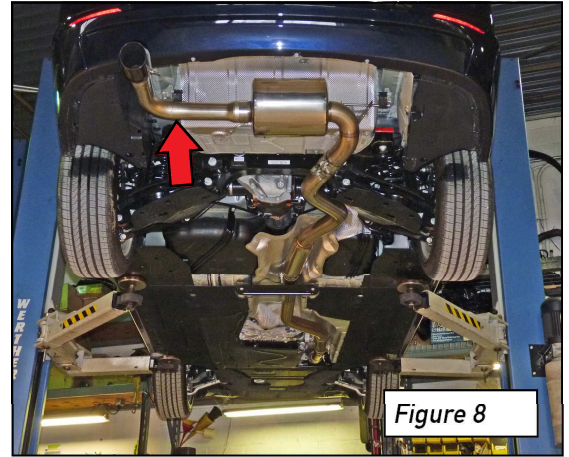


Figure 8

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 9**. 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.

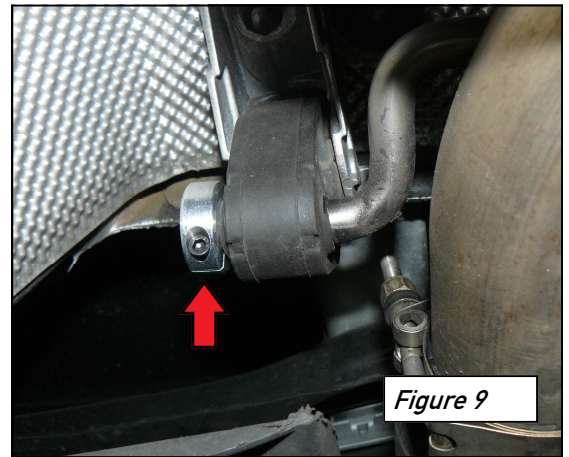


Figure 9

ENJOY

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. Periodically 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 (2012+ BMW 320i 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.

Please contact the original place of purchase for any warranty claims or explanations of this document.