



## *INSTALLATION GUIDE*

### ***2003-08 B6/B7 Audi S4 Exhaust Systems***

Congratulations on your purchase of the AWE Tuning high performance exhaust system for the 2003-08 Audi S4 Sedan and Avant.

Exquisite build quality with industry leading performance distinguishes this exhaust system from all others.

**Please note that this exhaust system will NOT fit cabrio models.**

***Contact us with any installation questions.***

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- 1 center resonator/straight pipe section (depending on loudness version ordered)
- 2 center section to rear muffler section gasket
- 4 7/16 bolt, nut, washer for center section to rear muffler gaskets
- 2 rear muffler section
- 1 3/8 bolt, nut, two washers for rear mufflers cross bracket
- 2 2.25" Accu-seal band clamp (for resonated systems only)
- 2 2.50" Accu-seal band clamp (for non-resonated systems only)
- 2 exhaust tip (B6 S4 only)
- 2 2.50" T-bolt clamp for exhaust tips (B6 S4 only)
- 4 exhaust tip (B7 S4 quad tip only)
- 4 2.25" T-bolt clamp for exhaust tips (B7 S4 quad tip only)
- 2 hanger post clamp
- 1 9/64" allen wrench (for hanger post clamp)
- 2 3/16" rubber vacuum caps
- 2 4" zip tie (to secure cap)

## Step 1

Remove stock exhaust components.

Install the enclosed Accu-seal band clamps at the slip joints halfway along the length of the AWE Tuning center resonator/straight pipe section (at **arrow A** in **Figure 1**).

Installation of the AWE Tuning exhaust is reverse of OEM removal. The AWE Tuning exhaust reuses the factory sleeve clamps that attach the exhaust to the downpipes.

Note that there are several adjustment points on the AWE Tuning exhaust to ensure proper fitment. Also note that the factory exhaust hangers are also adjustable with slotted bolt holes to allow further adjustments (at **arrows B** in **Figure 1**).

Use the M8 bolts, washers, and nuts to loosely attach the center section to the rear muffler sections, sandwiching a gasket in between the gaskets (at **arrows C** in **Figure 1**).

Proceed to align the tips properly in the exhaust valence openings, and then install and tighten down the enclosed 3/8" hardware for the cross bracket (at **arrow D** in **Figure 1**). After tightening this hardware, go back and tighten the gasket hardware for the center section to rear muffler section. This sequence is important.

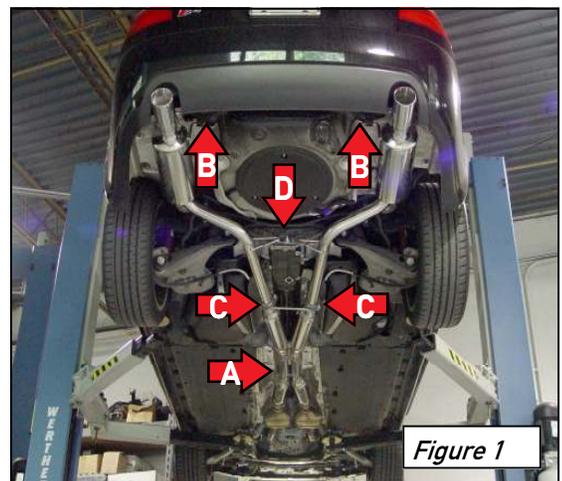


Figure 1

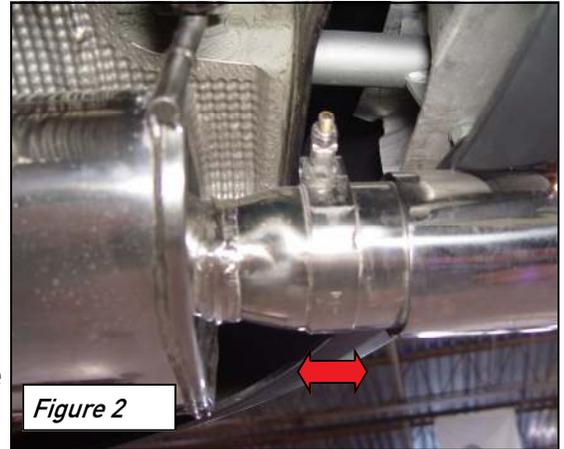
## Step 2

Each rear tip is rotationally adjustable to ensure that the AWE Tuning logo remains centered when the exhaust is installed, and also length is adjustable to suit personal taste.

**When adjusting the length of the tips, make sure that the tip and tailpipe of the muffler overlap at least the width of the clamp (arrow in Figure 2). This overlap is very important to ensure that the clamp has enough surface area to tighten down in order to keep the tip from falling off while driving!**

If necessary, use the enclosed M8 fender washers between the rear hanger assemblies and the vehicle body in order to tune the tip heights.

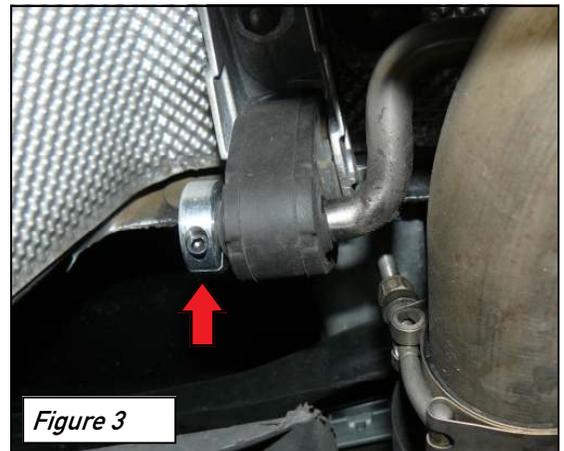
On cars so equipped, cap off the vacuum lines used for the factory exhaust valves with the enclosed rubber caps. Use the enclosed zip ties to secure the caps to the lines.



## Step 3

Once the exhaust system is properly adjusted, install a hanger post clamp on the rear muffler hanger posts, as shown at arrow in Figure 3. 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 valence openings.



## Tip Installation

To accomplish the best tip fitment, align the tip clamp to cover *only* the slot, as shown by Arrow A in Figure 4.

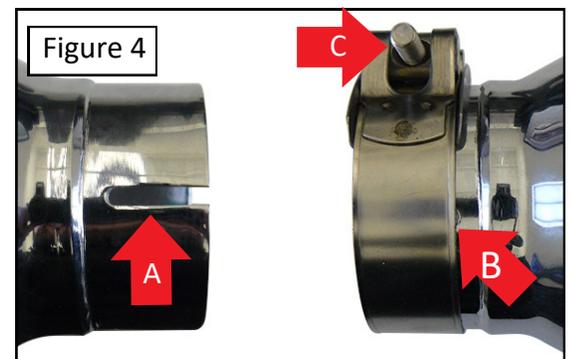
The clamp should only be covering the section of the tip that has been slotted, as shown by Arrow B in Figure 4.

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 4.
- It is okay to have the clamp extend beyond the edge of the tip inlet.



## CARE & WARRANTY

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