



## 2015+ PORSCHE MACAN S, GTS & TURBO EXHAUST INSTALLATION GUIDE

Thank you for your purchase of the **AWE Tuning 2015+ Porsche Macan S, GTS and Turbo Track Edition and Touring Edition Performance Exhaust Systems**. For up to the minute fitment information, be sure to visit the Porsche Macan section of [www.AWE-Tuning.com](http://www.AWE-Tuning.com).

As always, AWE Tuning performance specialists are standing by for any questions, at 215-658-1870, or [performance@AWE-Tuning.com](mailto:performance@AWE-Tuning.com).

Let's go!

# PARTS LIST

## TRACK EDITION (*axle-back*)

- 1 Driver side tailpipe section (part RX)
- 1 Passenger side tailpipe section (part RY)
- 4 102mm tip (choice of color)

## TOURING EDITION (*full system*)

- 1 X-pipe section (part RU)
- 1 Driver mid tube (part RV)
- 1 Passenger mid tube (part RW)
- 1 Driver side tailpipe section (part RX)
- 1 Passenger side tailpipe section (part RY)
- 4 102mm tip (choice of color)

## Hardware Kit:

- 4 2.38" t-bolt clamp
- 2 Valve harness simulator (optional)
- 2 Hanger collar clamp
- 1 Allen wrench
- 2 Block-off cover

## Track Edition Only:

- 2 63.5mm Accu-Seal clamp

## Touring Edition Only:

- 4 63.5mm Accu-Seal clamp

# TOURING EDITION INSTALLATION



Installation of the AWE Tuning 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.

Disconnect valve motor wire harness from rear tailpipes (if vehicle is equipped).

Loosen the factory sleeve clamps between the downpipes and exhaust.

Remove exhaust hangers from rubber mounts and lower exhaust from vehicle.

Remove factory sleeve clamps and save for re-use.

Install the AWE Tuning Valve Harness Simulator (if purchased) and secure the wire harness above undercar heatshield.

Install the AWE Tuning x-pipe section to the downpipes using the factory sleeve clamps.

Install the AWE Tuning Driver side and passenger side tailpipes to the x-pipe section using the supplied Accu-Seal clamps. Snug down the Accu-Seal clamps at this time, but do not fully tighten.

Install tips using the supplied 2.38" t-bolt clamps.

Begin final adjustment of tubing and tightening moving from the front of vehicle to back. Tighten Accu-Seal clamps to 40 ft/lbs.

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 1**. 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.

Set final tip rotation, stagger, and overall length, and then tighten their t-bolt clamps.

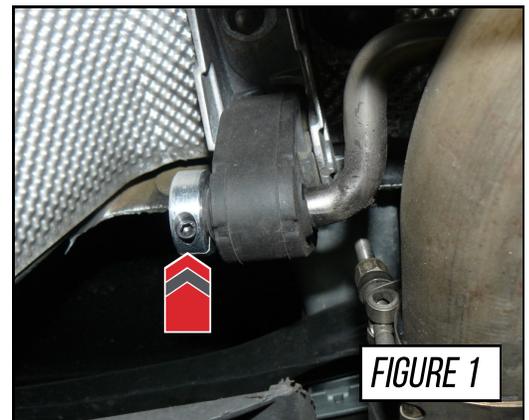


FIGURE 1

## TRACK EDITION INSTALLATION

Track edition is considered an “axle-back” design and thus requires cutting of the factory exhaust.

Disconnect valve motor wire harness from rear tailpipes (if vehicle is equipped).

Cut exhaust squarely on center dimple, at arrows in **Figures 2** and **3**, and remove factory rear mufflers.

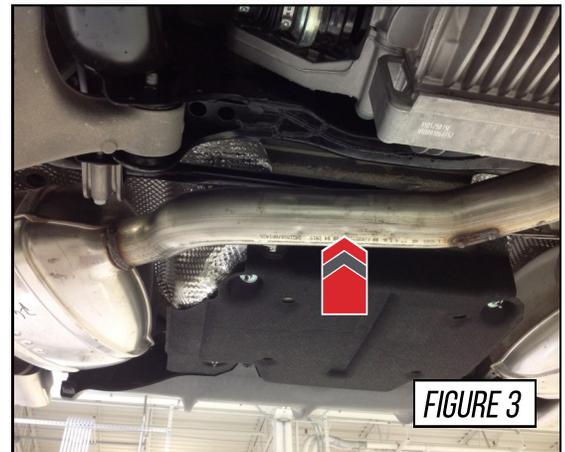
Deburr cut end of tube and clean its exterior.

Install the AWE Tuning Valve Harness Simulator (if purchased) and secure the wire harness above undercar heatshield.

Install tailpipe sections inlet slip joint cover cut factory exhaust tube using supplied 63.5mm Accu-Seal clamps.

Install tips using the supplied 2.38" t-bolt clamps.

Begin final adjustment of tubing and tightening moving from the front of vehicle to back. Tighten Accu-Seal clamps to 40 ft/lbs.

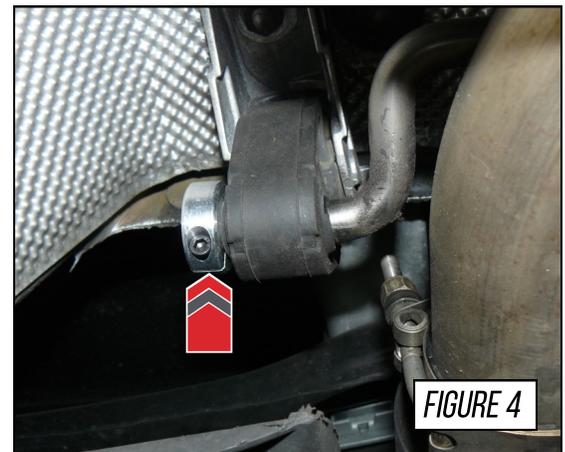


Once the exhaust system is properly adjusted, install a hanger post clamp on each of the rear muffler hanger posts, as shown at arrow in **Figure 4**. Slide the clamp onto the hanger post so that it sits snug against the rubber element, and then tighten down with the enclosed Allen wrench.

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

Set final tip rotation, stagger, and overall length, and then tighten their t-bolt clamps.

If the valve simulator has not been purchased; install the supplied block-off covers over the previously removed exhaust valve control harness and secure away from the exhaust.



## TIP INSTALLATION

To accomplish the best tip fitment, align the 2.38" tip clamp to cover *only* the slot, as shown by **Arrow A** in **Figure 5**.

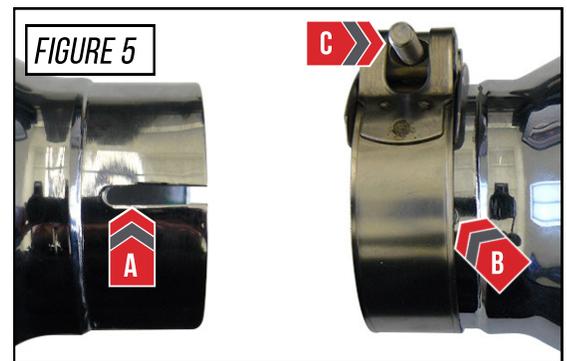
The clamp should only be covering the section of the tip that has been slotted, as shown by **Arrow B** in **Figure 5**.

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, your AWE Tuning 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](#).