



## *INSTALLATION GUIDE*

### ***2015+ Macan S and Turbo Track and Touring Exhaust***

Congratulations on your purchase of the AWE Tuning exhaust for the 2015+ Porsche Macan S and Turbo.

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

## 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)
- 2 63.5mm accu-seal clamp
- 4 2.38" t-bolt clamp
- 2 Valve harness simulator (optional)
- 2 Hanger collar clamp
- 1 Allen wrench

### 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)
- 4 63.5mm accu-seal clamp
- 4 2.38" t-bolt clamp
- 2 Valve harness simulator (optional)
- 2 Hanger collar clamp
- 1 Allen wrench

## Touring Edition

Touring Edition installation is essentially the reverse of removal.

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 under-car 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.

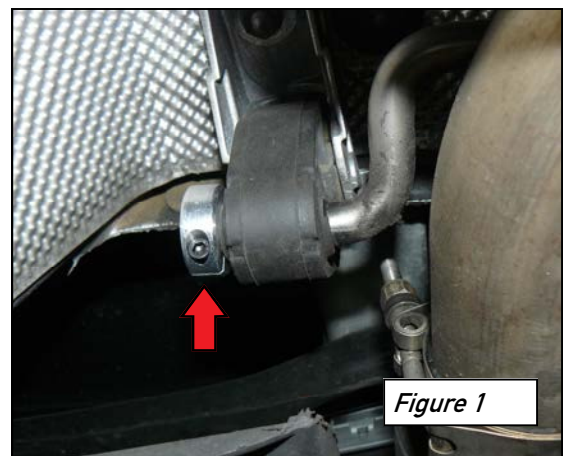


Figure 1

## Track Edition

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 over 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.



Figure 2

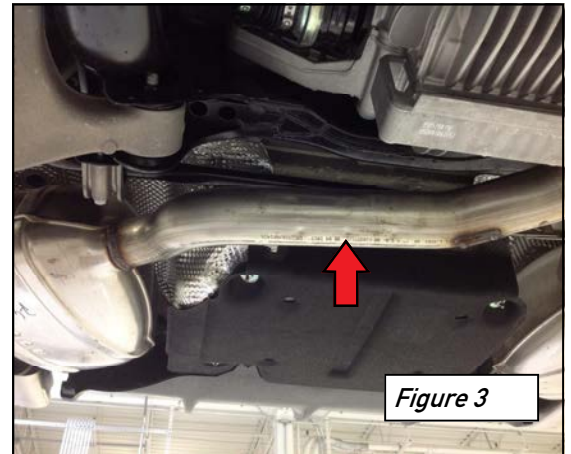


Figure 3

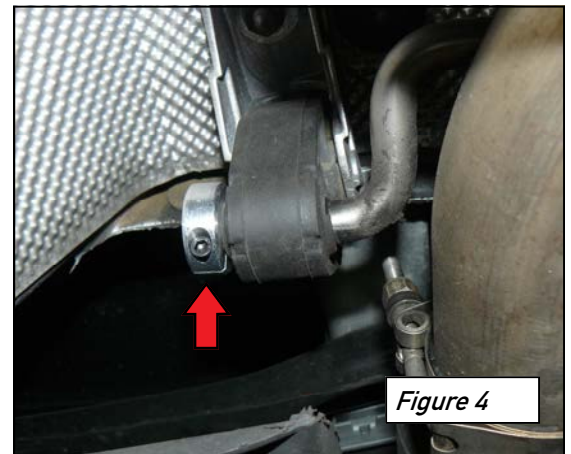
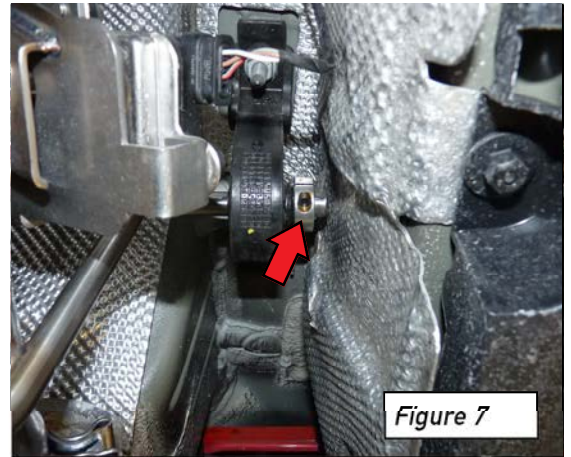


Figure 4

## Step 7

Prior to installing the rear muffler, pre-install the rubber mount carriers and supplied hanger post clamp, as shown in **Figure 7**. Slide the clamp onto the hanger post so that it sits snug against the rubber element, and then tighten down with the supplied 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 8

Use the supplied V-band clamp/gasket assemblies to secure the tip outlet sections to the rear muffler, as shown in **Figure 8**. The supplied gasket fits between the flanges, the "teeth" in the gasket will seat to the formed edge of the assembly. Snug the nut (do not fully tighten).

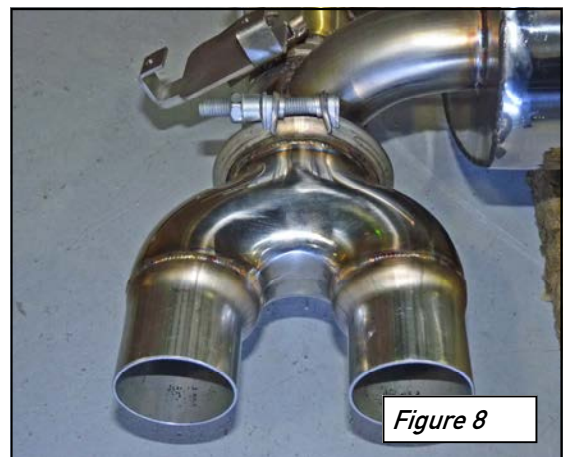
Install the exhaust tips. With the optional 102mm size tips, use the supplied t-bolt clamps.

Between the V-band joint and the tip clamps, adjust rotation, angle, and stagger of the tips to fit the valance openings.

Fully tighten the V-band clamps and tip clamps.

Reconnect the valve motor connectors to the motors.

Adjust the system for clearance, center the rear muffler, ensure all joints are fully seated, and then tighten all Accu-Seal clamps to 40 ft/lbs.



*ENJOY*

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

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.