



2014+ PORSCHE 991TT & 991TTS INTERCOOLER INSTALLATION GUIDE

Thank you for purchasing the **AWE Performance Intercooler System** for the **2014+ Porsche 991TT & 991TTS**. For up to the minute fitment information, be sure to visit the Porsche 991.1 section of the [AWE website](#).

As always, AWE Performance Specialists are standing by for any questions, at 215-658-1670, 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.

991 Performance InterCooler System

- | | |
|---|--------------------------------|
| 1 AWE InterCooler drivers side core assembly (B04) | 2 2.375" hose clamps |
| 1 AWE InterCooler passenger side core assembly (B05) | 2 2.875" hose clamps |
| 1 AWE drivers side upper carbon duct assembly (AWE023F) | 12 M6 bolts (91292A135) |
| 1 AWE drivers side lower carbon duct assembly (AWE022F) | 12 M6 flat washers (90313A205) |
| 1 AWE passenger side upper carbon duct assembly (AWE024F) | 16 M4 bolts (91292A117) |
| 1 AWE passenger side lower carbon duct assembly (AWE025F) | 16 M4 flat washers (92141A008) |
| 1 Drivers side silicone hose (91TICDSU) | |
| 1 Passenger silicone hose (91TICPSU) | |

Hardware Kit:



STEP 1



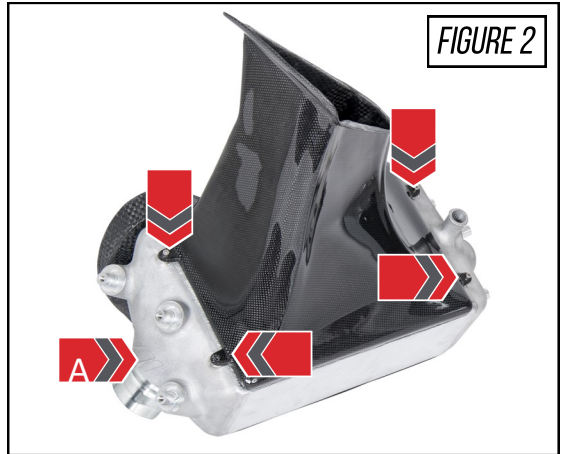
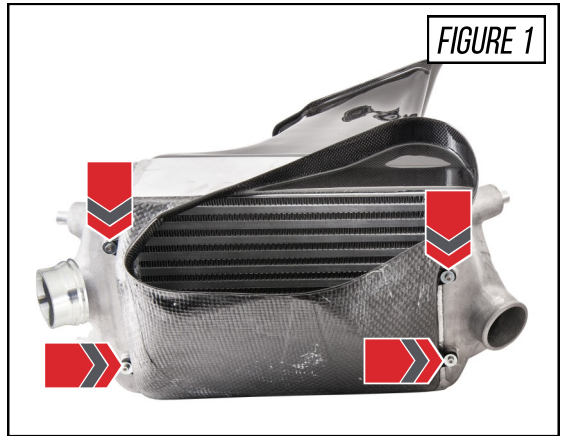
Refer to the manufacturer service manual for precise torque specifications on all OEM fasteners.

Remove the rear bumper, taillights, and both factory intercooler/mounting bracket/duct assemblies. Remove the intercooler cores from their factory brackets.

Apply medium strength thread locker to each supplied M4 bolt and attach each upper and lower carbon duct to the AWE InterCooler core using the supplied M4 washers, as shown at arrows in **Figure 1** and **Figure 2**.

Note the orientation of the ducts in relation to each core. See **Arrow A** in **Figure 2** for AWE logo cast into end tank and how it orients to the ducting. Assembly shown in **Figure 1** and **2** is passenger side.

Assembly shown in **Figure 3** is driver side.



STEP 2

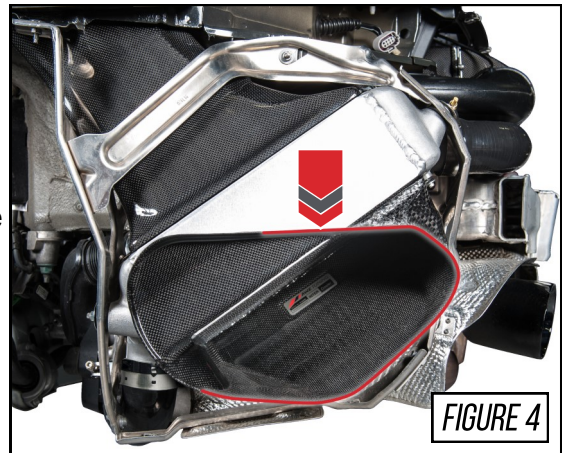
This step is for 2017+ 991.2 Turbo only!

The highlighted edges shown by the arrow in **Figure 4** denote the edges of the lower carbon shrouds that will require minor trimming to allow for clearance around the rear bumper outlets.

The 2017+ face lifted cars narrow a little more at the rear face of the bumper; trimming is required to provide ample space to reinstall the bumper properly.



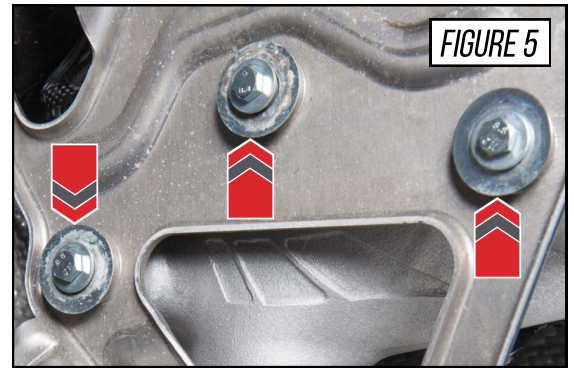
NOTE: It is **NOT** recommended to trim the carbon shroud while installed on the car.



STEP 3

Mount the AWE InterCooler assemblies onto the factory brackets using the same orientation as the factory units. Apply medium strength thread locker to the supplied M6 bolts and use the supplied M6 washers to secure the assemblies to the brackets as shown in **Figure 5**. Tighten the bolts to 50 **inch-lbs**.

Install the entire assemblies to the car using the factory hardware and fully secure.



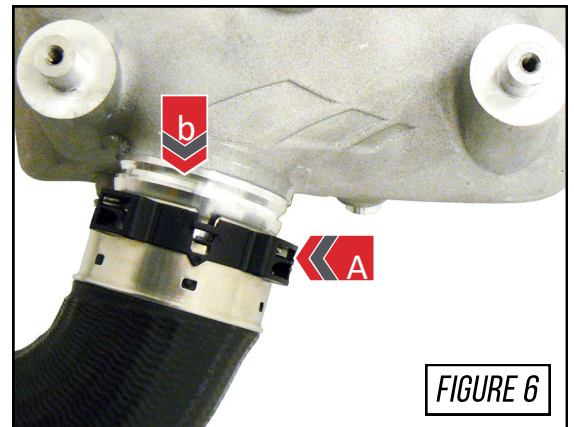
STEP 4

Reuse the factory lower hoses, connect the turbo to the AWE InterCooler. Ensure the integrated ring on the turbo side of the factory coupler, shown by **Arrow A** in **Figure 6**, seats completely within the groove shown by **Arrow B**.

A light spray of brake-clean helps lubricate the hoses during installation.



NOTE: To ensure the hose is fully seated, a slight pull on the turbo side of the hose should prove difficult.

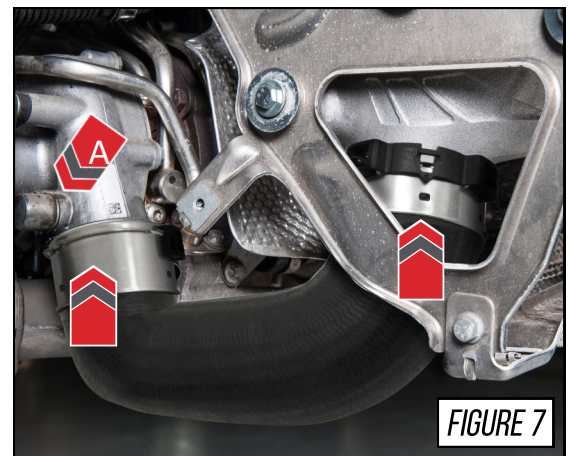


STEP 5

Ensure the integrated factory clamps are installed completely on either end of the factory hose.



NOTE: Failure to fully seat the hoses onto the compressor outlet will result in a hose blow-out and unfiltered air entering the engine.

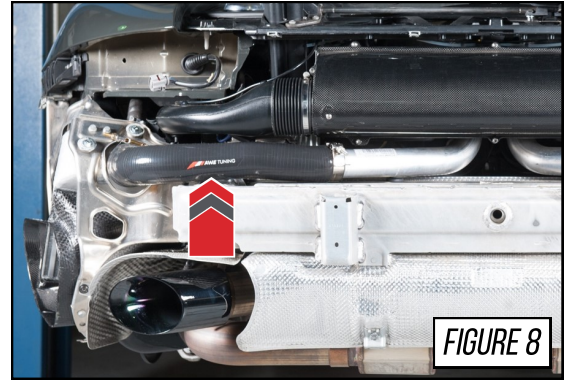


STEP 6

Attach the supplied upper AWE hoses. The AWE logo on the hoses should be facing upright and towards the rear of the car as shown in **Figure 8**.

Use the supplied 2.375" T-bolt clamps on the y-pipe inlet end, and the supplied 2.875" T-bolt clamps for the intercooler outlet end. Tighten down fully to ensure no leaks.

Recheck all hose clamps for tightness, and then reinstall the bumper and taillights.



ENJOY!



CARE

Your InterCooler system requires no maintenance other than periodic cleaning of the exterior fins to ensure optimum cooling capacity.

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

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WARRANTY

Summary:

This warranty is in place for all AWE brand products, and works in conjunction with any incremental specific product warranties or guarantees as listed on AWE-Tuning.com. This warranty protects against manufacturer defect. 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. The following warranty is valid only in the United States and Canada. The Manufacturer's full warranty applies to all products sold.

Covered:

All AWE brand products against manufacturer defect. Please note that special order items are not returnable.

Period:

Secor Ltd. (AWE) warrants this **2014+ Porsche 991TT / 991TTS Performance InterCooler System** to the original retail purchaser (Consumer) against manufacturer's defects as follows: **ONE (1) YEAR** from purchase date from AWE directly or from AWE authorized retailer. Proof of purchase will be required.

Condition of system:

In the event of a return, product must be returned with no signs of abuse, incorrect installation, forced installation, motorsports usage, or product altering whatsoever. Actions will be granted upon receipt of product at AWE, after inspection.

Action:

Returns and warranty claims **MUST BE HANDLED THROUGH ORIGINAL LOCATION OF PURCHASE**. Upon verification of warranty coverage, AWE will, at its sole option, repair, replace or consult toward remedy for the defective product, 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, inconvenience, loss of use of vehicle, shipping, damage to the vehicle or components, or other incidental or indirect damage.

Labor:

Labor is not covered.

Shipping:

Shipping charges are not covered.

Restocking:

AWE reserves the right to charge a 20% restocking fee for products that are returned.

Exclusions:

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. Warranties may be voided if product is not installed by an authorized AWE dealer. Warranties will be voided if product is improperly serviced, modified, or used in a way not intended by the Manufacturer. 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.

Other:

EXCEPT AS EXPRESSLY SET FORTH ABOVE, AWE MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL AWE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES HOWEVER CAUSED, ON ANY THEORY OF LIABILITY, AND WHETHER OR NOT AWE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. AWE's sole liability on any claim of any kind, whether in contract, tort, or otherwise, for any loss or damage arising out of, connected with, or resulting from the manufacture, sale, delivery or use of the products sold hereunder shall in no case exceed the amount actually paid to AWE for the applicable product. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy.