



**FABSPEED**  
M O T O R S P O R T

## **Porsche 991 Turbo Supersport X-Pipe Exhaust**



### **Required Tools**

*Hydraulic Lift or Floor Jack & Stands  
Metric Socket Set w/ Ratchet &  
Extensions Metric Open-End Wrench Set  
Thread Tap & Die Set  
Small Flashlight (Optional)  
Rubber Mallet (Optional)  
Flat-Head Pry Bar (Optional)*

### **CAUTION**

- *Always allow car to cool before performing any installation(s) or service(s) on it.*
- *Always be sure to work on an even and level surface when raising vehicle(s) with a jack, and support all raised vehicles with locked jack stands once elevated.*
- *Fabspeed Motorsport recommends that all installations be supervised or verified by a trained professional technician.*
- *Fabspeed Motorsport is not responsible for any personal injury or damage(s) sustained to a vehicle during installation of aftermarket performance parts.*

INSTALL GUIDE

1. Raise car.



2. Using a 10mm socket, loosen the bolts securing the exhaust tips.



3. Remove factory exhaust tips.



- Using a 14mm open end wrench, loosen and remove the EGT sensors from the turbo flange on each side of the car.



- With the EGT sensors out of the way, use a 12mm wrench to loosen and remove the (4) flange bolts on each catalytic converter.



- Using an 8mm wrench, loosen and remove the bolt securing the turbo heat shield on each side.





- Using pole jacks, support the main section of the factory muffler.



- Using a 6mm hex bit, loosen and the (2) band clamps securing the muffler and slide them out of the way.



- At this point, the muffler and the attached catalytic converters will be free from the car. If necessary, use a flat head pry bar to gently break the seal between the cats and the turbos.



10. With the muffler supported, lower the exhaust slightly so that the O2 sensors can be accessed through the outlet opening in the rear bumper.



11. Using a 22mm wrench, remove both of the O2 sensors from each cat.



12. Remove pole jacks and lower muffler and cat assembly from the vehicle. *(It may take some maneuvering to get this assembly out from the rear bumper due the very tight tolerances. Be patient!)*





**NOTE:** After removing factory exhaust, visually inspect the threads on the turbo studs. If necessary, re-chase the thread with an 8x1.25 thread die.

- Using a 22mm wrench, pre-install O2 sensors into the left side Sport Cat and hang on the turbo studs along with the factory turbo heat shield. Finger tighten the (4) flange nuts to hold the cat in place.



- Pre-install O2 sensors into the right side Sport Cat and allow the cat to gently hang in place.



- Slide the right side cat into the right side of the x-pipe. (Be sure that you have an Accuseal clamp slid on to the x-pipe.)



16. Slide the x-pipe on to the left side cat.



17. Position the right side of the assembly up onto the turbo studs, installing the factory turbo heat shield in the process. Finger tighten (4) flange nuts to hold the system in place.



18. Using a 12mm wrench, tighten the (4) flange nuts on either side.





19. Using a 14mm wrench, re-install and tighten the EGT sensor on each side.



20. Check positioning of x-pipe to be sure that the unit is centered between the cats and it is rotated flat against the factory muffler bracket. Tighten Accuseal clamps using a 15mm socket.



21. Slide supplied band clamps over the x-pipe and position in place over the factory muffler brackets. Tighten clamps using 13mm deep socket.





22. Slide an Accuseal clamp onto the tip inlets.



23. Position tip through opening in rear bumper and slide onto the open end of the x-pipe.



24. Align tips as desired and tighten Accuseals with a 15mm socket.



25. Enjoy and show off your new Fabspeed Motorsport exhaust product!



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