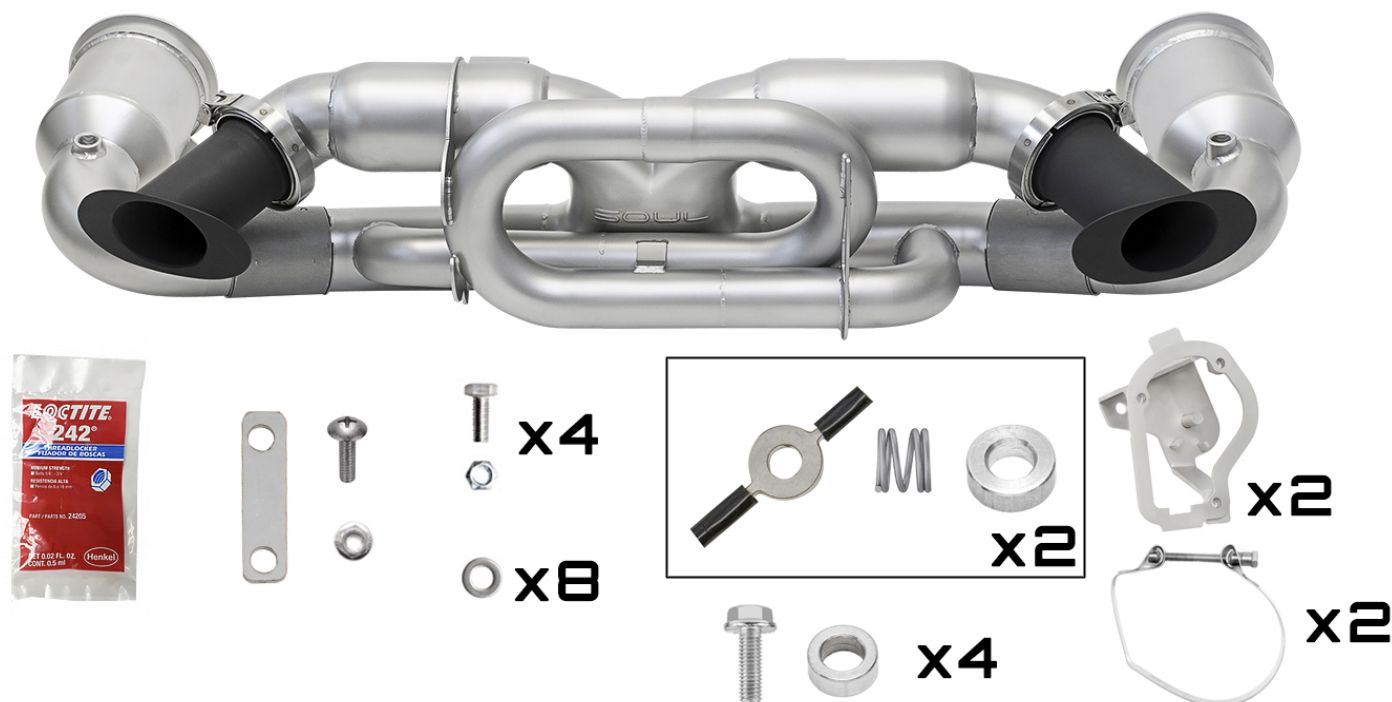


INSTALL GUIDE

992.1 Carrera / Turbo Performance Exhaust System

SOUL
PERFORMANCE PRODUCTS



Please ensure that all components listed below are accounted for before beginning installation:

EXHAUST COMPONENTS

- (1) Left Side Tip Outlet
- (1) Right Side Tip Outlet
- (1) Center X-Pipe Section
- (1) Left Side Cat OR Cat Bypass Pipe
- (1) Right Side Cat OR Cat Bypass Pipe

EXHAUST HARDWARE

- (4) M8 X 1.25 20MM Bolts
- (4) M8 Locking Nuts
- (8) M8 Washers

VALVES

- (2) Valve Simulator Brackets
- (2) Cushioned Valve Position Keys
- (2) Valve Spring
- (2) 3/4" X 1/4" Aluminum Spacers
- (1) Bracket Extension (for Right Valve Simulator Bracket)
- (4) 1/4" Aluminum Spacers (Bracket Mounting)
- (4) M6 X 1.0 20MM Bolts (Brackets to Vehicle)
- (1) M6 x 16MM Button Head Bolt (Bracket Extension to Vehicle)
- (1) M6 Flange Nut (Bracket Extension to Vehicle)
- (1) Loctite 242

CLAMPS

- (2) 3.0" Torca Clamps
- (2) 3.0" V-Band Clamps
- (2) 121-130MM Mikalor Clamps

Packing Sign Off _____ Shipped on ____/____/____



Step 1: Start by loosening the O2 sensor bungs on both sides. Using a 22mm wrench is recommended. You will remove these later



Step 2: Loosen the Torca clamps located on the cat to muffler connections (13mm socket).



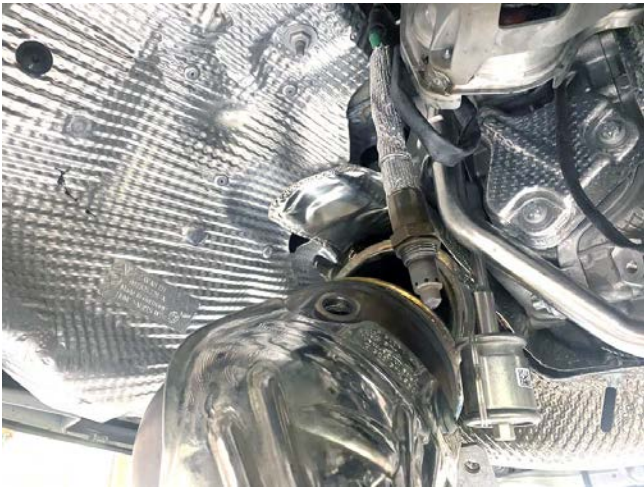
Step 3: Remove the bolts from the turbo v-bands using a 6mm allen socket. The factory bolts will be located and accessed on the top of the clamp.



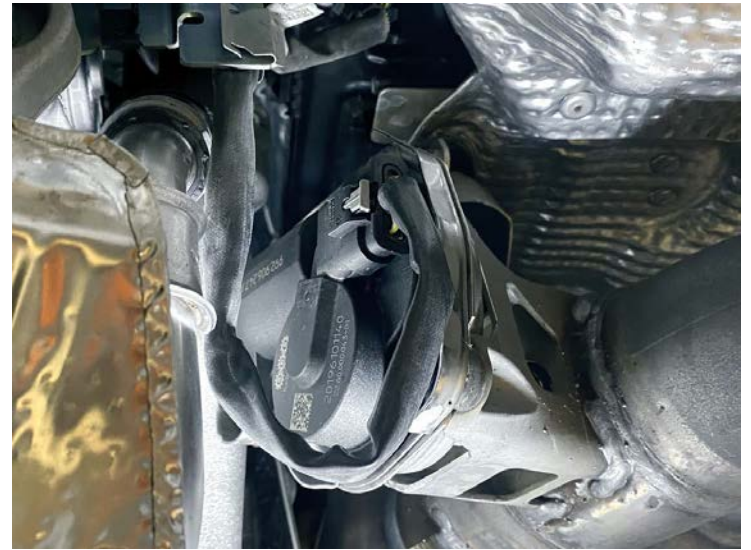
Step 4: Remove the bolts from the cat mounting brackets using an e12 inverted Torx bit.



Step 5: Remove the turbo v-band clamps and remove the catalytic converters to access the o2 sensors.



Step 6: On each cat unscrew the o2 sensors and slide the previously loosened Torca clamp to the cat side. You can now safely remove the catalytic converters.



Step 7: Locate the valve actuators. Pop out the small grey tab to remove the valve connection wire.

Step 8: Tuck the valve actuator connections away to avoid damage during install.



Step 9: With help from a second set of hands or a pole jack, support the muffler and remove the bolts from band clamp using a 6mm allen socket.

Step 10: Carefully rotate and remove the factory muffler.





Step 11: Using a T30 Torx bit remove the three factory screws holding the valve actuator to the stock components.

Step 12: The factory valve springs will not be reused for the SOUL exhaust - we recommend placing these in a safe location should the stock system ever need to be put back on.



Step 13: Prepare the valve actuator brackets as shown with a spacer on the bottom, valve key positioned appropriately, spring on top, and the valve actuator slotted into the valve key. Reuse the factory bolts to attach the actuators to the brackets. Double check that the keys are positioned correctly and can pivot.

For the right side valve actuator bracket, use the included M6 Button Head Bolt, M6 flange nut, and Loctite to loosely attach the bracket extension as shown - you will position and fully torque down once installing the actuators on the vehicle in the next steps.

Step 14: Using an e10 Torx bit, remove bolts from the cam actuator covers which will be replaced.



Step 15: Install the left side valve actuator an included M6 spacers inbetween the heat shield and bracket. Use new M6x20mm bolts with Loctite to secure actuators to vehicle as shown. Reinstall valve actuator harness plug.

Step 16: On the right side, first line up the correct position of the bracket extension and torque down this allen bolt and nut. With the bracket firmly in place, use included M6 spacers inbetween the heat shield and bracket and new M6x20mm bolts with Loctite to secure actuators to vehicle as shown. Reinstall valve actuator harness plug.



Step 17: On the right side carefully screw in the o2 sensor before installing the catalytic converter or cat bypass pipe.



Step 18: Place the turbo band clamps on the catalytic converter section to turbo connections and loosely install on car.





Step 19: Loosely install supplied bolts and washers on the hanging cat mounting brackets.

Step 20: Slide the supplied Torca clamps onto the center x-pipe. Prepare the turbo band clamp onto the other catalytic converter section.



Step 21: With help from a friend or a pole jack, place the center exhaust onto the car and at the same time install the band clamp on the left catalytic converter section.



Step 22: Slide over the Torca clamp to connect the center exhaust portion to both cat sections. Leave hardware loose. Tighten the turbo band clamps on both sides using a 6mm allen socket .





Step 23: Tighten bolts on the Torca clamps using a 15mm socket. Repeat on other side. Make sure the x-pipe is fully pressed up and situated against the back bracket.

Step 24: Tighten 13mm hardware on the cat mounting bracket on both sides.



Step 25: Secure SOUL exhaust to factory brackets using provided Mikalor clamps.

Step 26: Insert tip outlets on outlet pipe and tighten clamps using a 11mm socket. Be mindful of the alignment of the outlet to the tip opening.

At this point torque down all clamps - 45 ft-lbs minimum for Torca - 36-48 in-lbs for V bands.



You have now successfully completed the installation of your new SOUL exhaust components! Thank you for your business and if you have any questions during/after the installation please do not hesitate to call or email at the details below.

⚠ You may notice smoke and fumes coming from the system upon first starting up the vehicle. This is due to oils used in manufacturing and is not a problem. The smell will dissipate in a short period of time after the exhaust has reached normal operating temperature.

SOUL PERFORMANCE PRODUCTS

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