

Disclaimer: This installation guide is intended to clarify the installation of your new Soul Performance Products exhaust. **Please review this guide in full before beginning installation.** Please take proper precautions and safety measures when working on your vehicle and perform this work at your own risk



Exhaust Components

- (1) X-Pipe Section
- (2) Muffler Inlet Pipes, Left and Right
- (2) Muffler Outlet Pipes, Left and Right
- (2) Pipe Tubes
- (2) Exhaust Tips

Hardware

- (4) M8-1.25x40mm Bolts
- (2) M8-1.25x30mm Bolts
- (12) M8 Flat Washers
- (6) M8-1.25 Nuts

Clamps

- (2) 73-79mm Mikalor Clamps
- (2) 2.5" AccuSeal
- (2) 2.5" Torca Clamps
- (2) 2" AccuSeal Clamps (expanded to and installed on Pipe Tubes)

Valves

- 12" Heat Shielding Wrap
- (1) Brass T-Fitting
- 12" Vacuum Line
- Valve Controller Kit

Valve Operation Check _____

Shipped on ____/____/____

Packing Sign Off _____



IMPORTANT NOTE!

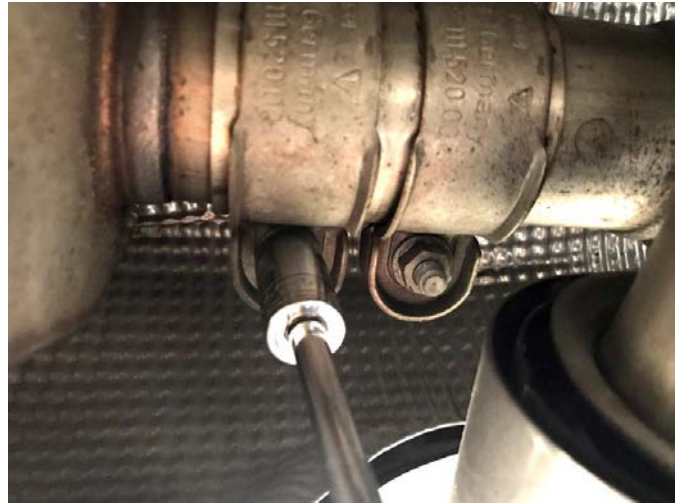
Installation requires cutting the factory side muffler piping! If you do not feel comfortable with this procedure please have the system professionally installed. We have a dealer network of qualified installers should you need a reference, contact us for assistance.



Pictured Left: Remove factory mounting hardware from the header/muffler flanges on both sides. In most applications these will be a 13mm nut/bolt combination.



The two upper holes on the flanges also retain the bracket for the side mufflers



Pictured Right: Loosen the 14mm hardware on the factory muffler inlet pipe clamps



Pictured Left: Disconnect the side muffler outlet pipe from the X-Pipe inlet pipe as shown.



Pictured Right: Using the 6mm Allen key, loosen the two muffler band straps and slide them off of the muffler cans. Remove the vacuum hoses from the exhaust valves



Pictured Left: Loosen the 14mm hardware on the exhaust tip clamp and slide the tip off towards the rear of the car.

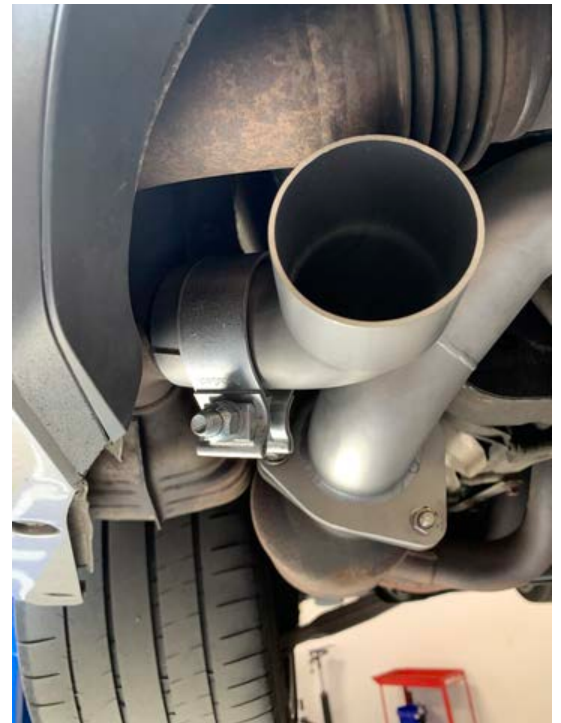


Pictured Left: Carefully guide the exhaust down and off of the car.

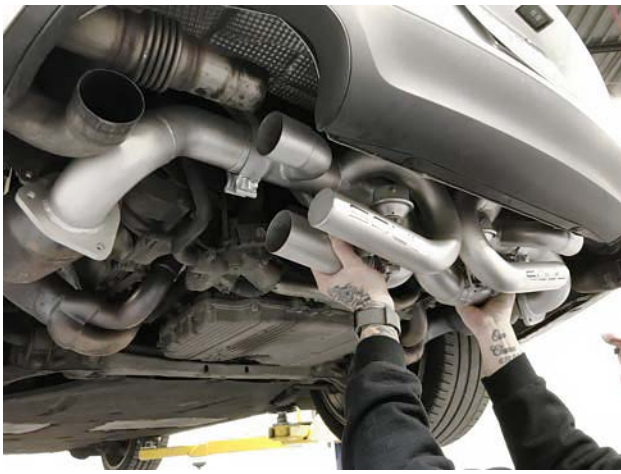
Pictured Right / Below: There is 3" of straight piping on the factory mufflers. Measure out the 3" and mark 1.6" in. This is where you will need to cut. Cut cleanly and remove all burrs and imperfections for a clean installation. **DO NOT COMPLETE THIS STEP ON A "S" NON-PSE CAR.**



Pictured Right: Make sure the tip tubes fit onto the factory side mufflers then set them aside for later.



Pictured Left: Install inlet pipes loosely with AccuSeal clamps onto X-Pipe section.



Pictured Left: Install system onto vehicle

Pictured Right: Loosely install gaskets and supplied 13mm hardware. We recommend coating gaskets with copper spray for the best possible seal.



Pictured Left: Slide factory clamp over from factory side mufflers onto SOUL X-Pipe

Pictured Right: Torque down three bolt header flanges



Pictured Left: Torque down AccuSeals holding X-Pipe to inlets



Pictured Left: Tighten factory clamp connecting factory side mufflers to SOUL exhaust



Pictured Right: Stretch Mikalon clamps to go over factory mounting brackets and SOUL X-pipe



Pictured Left: Insert T fitting into factory vacuum line. Cut new vacuum lines to length by testing on vehicle. Wrap vacuum lines with included heat shielding.

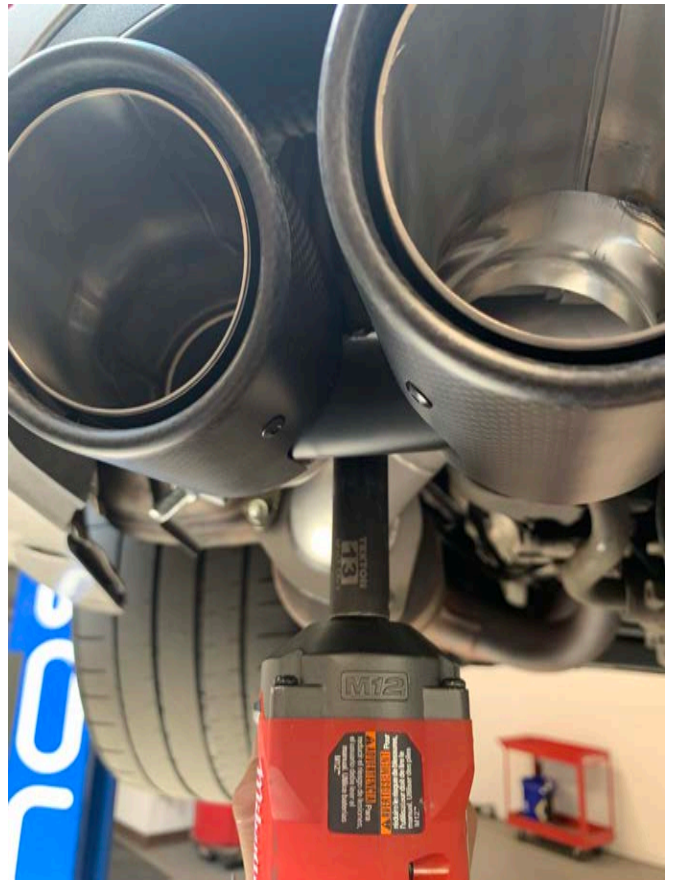
Pictured Left: Position Mikalon clamp and tighten (30 ft-lbs)



Pictured Left: Install wrapped vacuum lines between factory vacuum source and SOUL valves



Pictured Left: Install the tip tubes with 2.5" AccuSeal clamps and loosely tighten them.



Pictured Right: Adjust the tip tubes and tubes coming off the exhaust to align inside the tips and tighten down the tips onto the tip tubes.



BE SURE TO THOROUGHLY CLEAN EXHAUST TO REMOVE FINGERPRINTS BEFORE STARTING



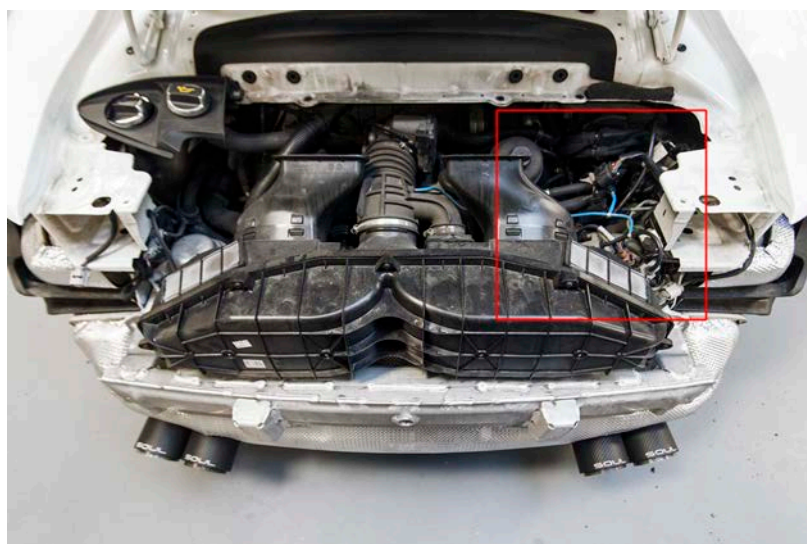
Pictured Above: Tighten all clamps, Torca clamps down (45 ft-lbs)

VALVE CONTROLLER INSTALLATION GUIDE

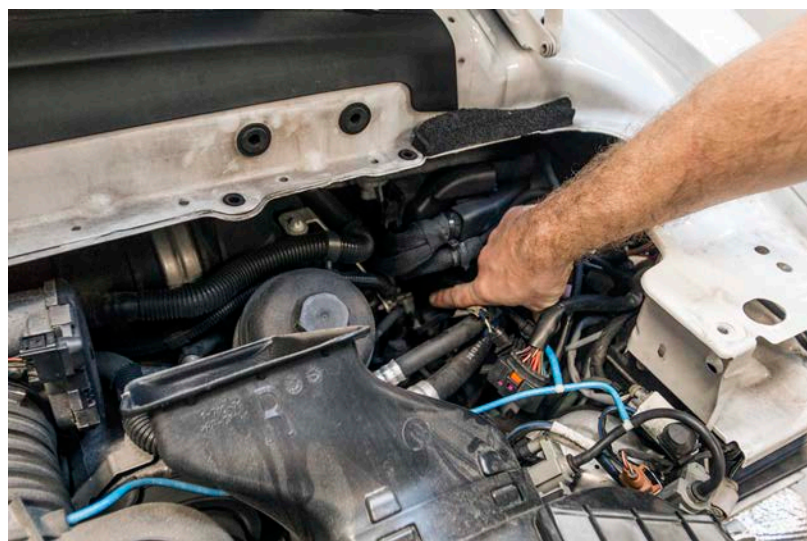
Removal of the factory rear bumper is required for valve controller installation to access wiring and vacuum sources. Read guide thoroughly. If you are questioning the installation we highly recommend having it professionally installed.



WIRING AND VACUUM SOURCE LOCATION

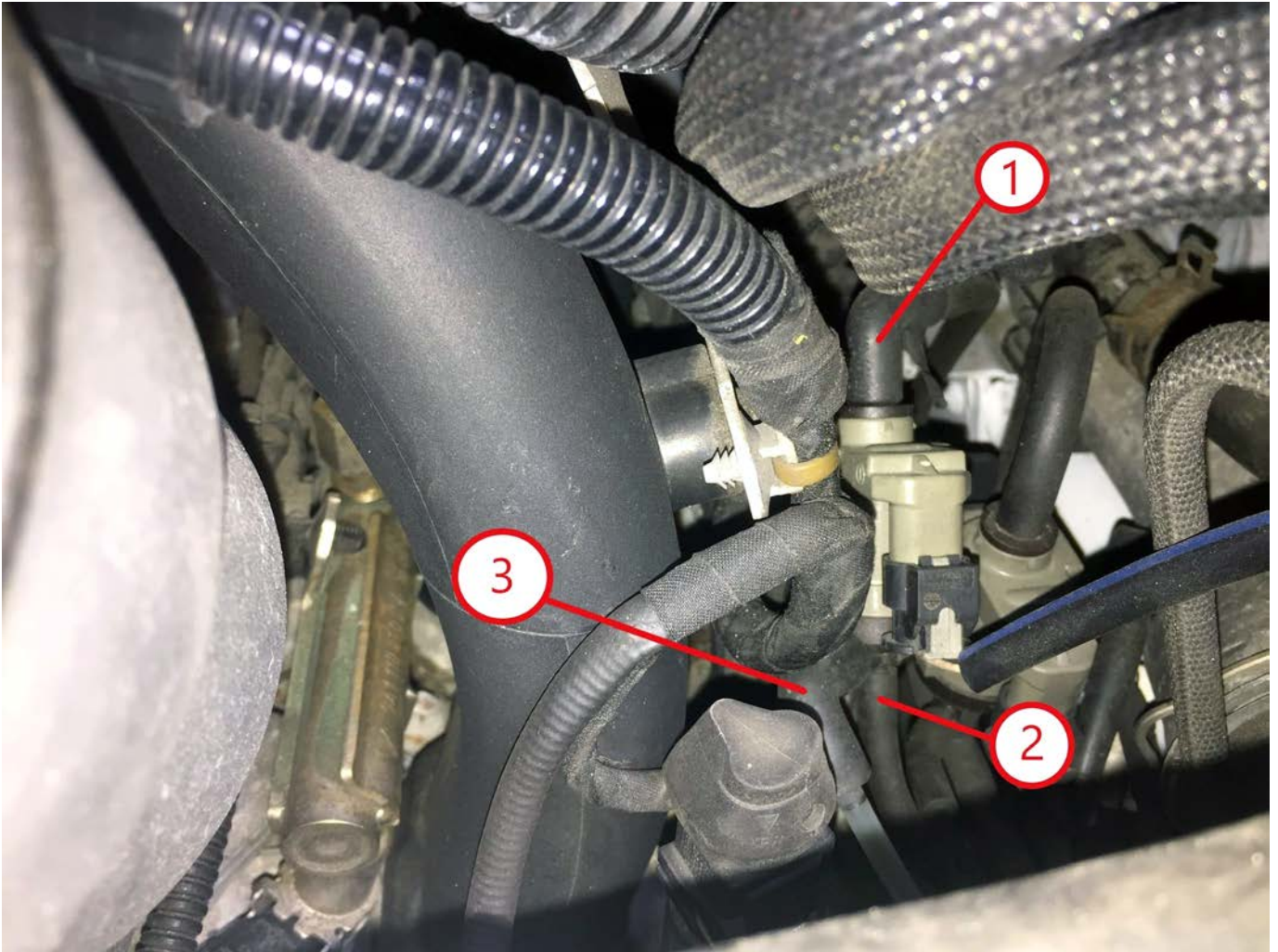


- **Vacuum sources located in back passenger side area toward firewall**



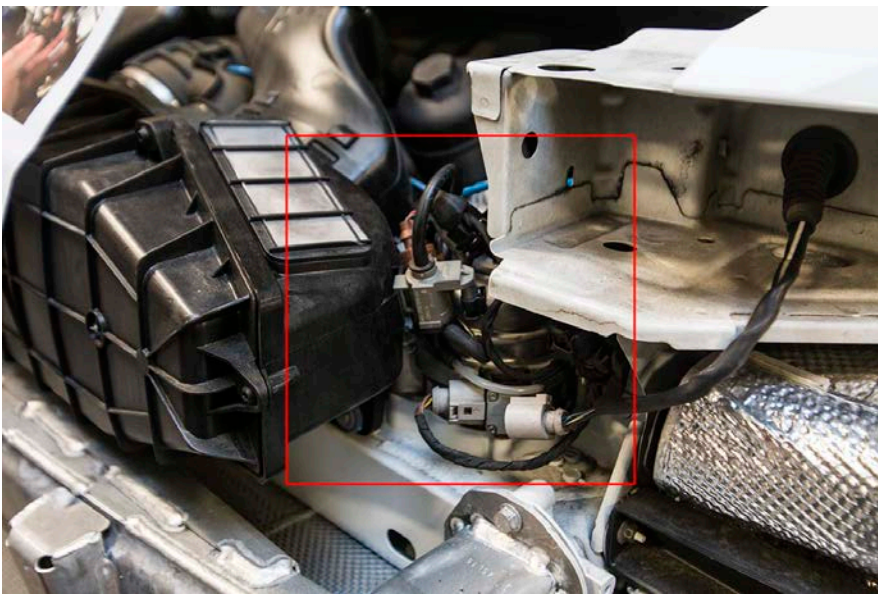
VACUUM GUIDE

(1) Disconnect and cap (cap not included) end of this line, this is a fresh air feed connect to the airbox that is no longer needed.



(2) This is the vacuum supply line to be connected to the SOUL valve controller solenoid. Disconnect this and attach to the SOUL solenoid. Do not forget to install the supplied check valve in-between. Arrows point to the engine vacuum supply.

(3) is the OEM line which feeds down and splits to connect to the factory valves. We recommend hooking this up to the SOUL valve solenoid. This way you will not have to run new lines to the valves.



TAP POWER SOURCE HERE



We recommend tapping into the solenoids attached to the factory airbox for a key hot power. **Test wiring to find and ensure proper power before proceeding forward.** Make sure you ground the unit to the body/chassis not the wiring harness.



Recommended grounding spot is at this bolt. Grounding with an eyelet is recommended.