

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



**Exhaust Hardware Included:**

- o (1) Left Muffler
- o (1) Right Muffler
- o (2) Exhaust Tips
- o (2) Swivel Seal 60 Clamps (single wall tips only)
- o (1) Outlet X-Pipe
- o (2) X-Pipe Clamps
- o (2) Three-Bolt Gaskets
- o (6) M10 Long Bolts w/ (6) M10 Nuts
- o (6) Washers
- o (8) M10 Short Bolts w/ (8) M10 Nuts
- o (2) Exhaust Hanger Bracket Sections
- o (2) Exhaust Hangers Support Mounts
- o (2) 2" Accuseal Clamps
- o Valve Controller Kit

Valve Operation Test \_\_\_\_\_

Packing Sign Off \_\_\_\_\_

Shipped on \_\_\_\_/\_\_\_\_/\_\_\_\_



**Pictured Left:** Start by raising the car and removing the rear wheels. Remove the tire shield from the fender wells on both sides (two 10mm nuts and one T-25 Torx bolt)



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

**Pictured Above:** Remove hardware from the rear mounting bracket. (Two) 13mm nut & bolt combinations per side.



**After removing the bolts, the exhaust will not be supported.** It helps to have a friend/jack to support the exhaust.

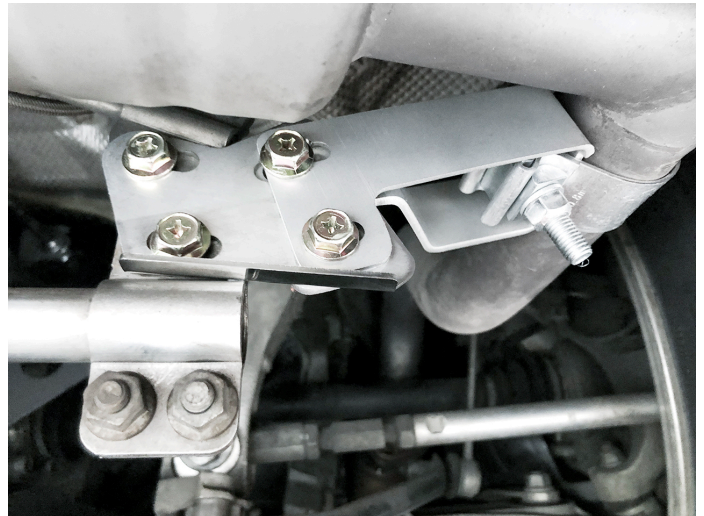
Slide the exhaust rear and downwards to remove it from the car.



**Pictured Above:** With your new SOUL exhaust on the ground, install the center outlet "X" pipe as shown (13mm nut / bolt). Tighten the X-section's mounting clamps enough to provide rigidity to the left and right side mufflers, but not fully torqued yet. You can now lift the SOUL exhaust into place, you may need a friend or jack to help support the system.



**Pictured Left:** Install and loosely tighten the first portion of the SOUL brackets (13mm nut/bolt)



**Pictured Above:** Install the second, outer portions of the SOUL exhaust mounts along with Accuseal clamp as shown. Loosely tighten the hardware (13mm nut/bolt)



**Pictured Left:** If your factory gaskets are in good condition, apply a coat of copper sealing spray and install them. Loosely install the three supplied nuts / bolts into the header / muffler flange. Leave them loose enough to allow for adjustment later.



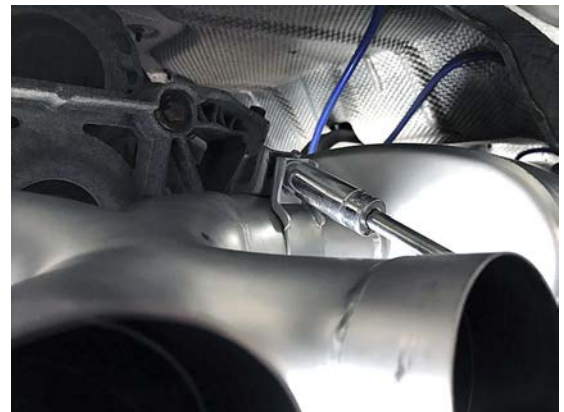
**Pictured Above:** You can now begin to tighten the hardware on your SOUL exhaust from the front (starting with the header flanges) to the rear - but leave the X-pipe clamps loose for the final tip adjustment stage. Torque down the hardware on the exhaust hangers: 40 ft-lbs minimum on Accuseal clamps and 18 ft-lbs minimum on nuts. Tighten each side equally a small amount at a time.

**Pictured Right** Route vacuum line from the valves to the OEM vacuum source (if equipped with factory optional Sport Exhaust) or reference our valve controller install guide if your car does not have factory PSE.)



**Pictured Left:** Loosely install exhaust tips onto the outlet "X" pipe and position the height as desired.

**Pictured Right:** After setting the desired height, remove the exhaust tips and tighten the outlet X-pipe clamp hardware to a minimum of 40 ft-lbs.





**Pictured Left:** Reinstall SOUL exhaust tips, set the depth and tighten the tip clamps to a minimum of 40 ft-lbs (13mm)



**Pictured Left:** Newly installed Soul Performance Products exhaust



**BE SURE TO THOROUGHLY CLEAN YOUR NEW EXHAUST TO REMOVE FINGERPRINTS BEFORE STARTING**

**Note:** You may find that after your first full heat cycle of the exhaust that you need to re-adjust the tip placement to your liking. Additionally, the tone and sound of your exhaust will likely change as the mufflers get broken in, roughly a thousand miles or so.



**Disclaimer:** The installation guide below is intended to clarify the install process of the valve controller kit. Please take proper precautions and safety measures when working on your vehicle and perform this work at your own risk. Please read the guide in full before working on the car to understand the work required. Contact us with any questions.





**Pictured Left:** Gain access to the engine compartment of your car. In this case on the Cayman, lift the rear hatch and remove the carpeting above the engine.

**Pictured Right:** Remove the engine compartment lid by taking out the mounting hardware. In this case, there were 5 torx bolts holding it in place.



**Pictured Left:** Remove the engine compartment lid

**Pictured Right:** Locate a constant engine vacuum source. We chose this one below the intake on the end of the engine nearest the rear of the car.



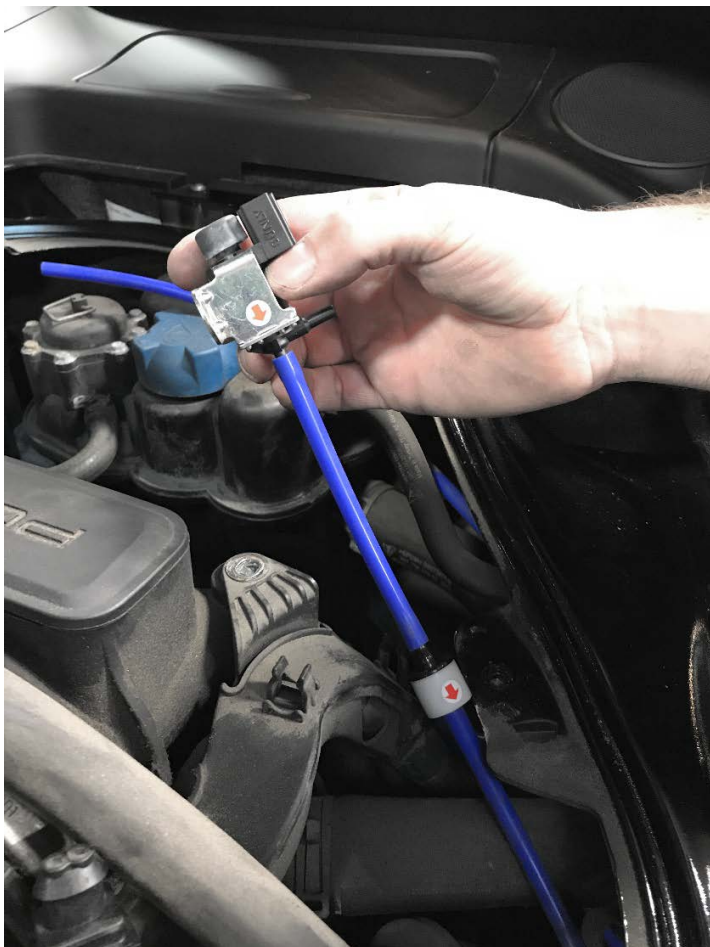
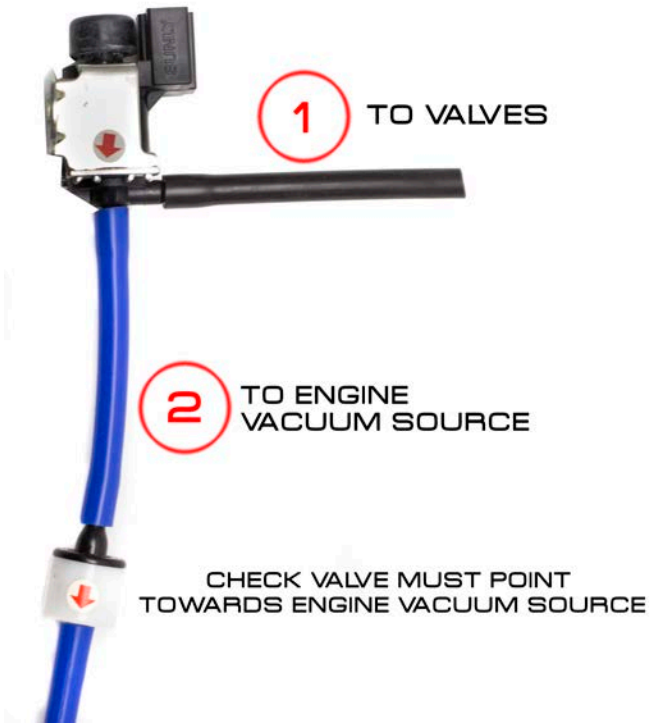
# VACUUM

**Pictured Left** You can either assemble this section on the ground as shown, or install piece by piece in the engine bay.

**Pictured Below:** The black vacuum hose at the "12" position is the factory vacuum hose

At the "3" position is the looped vacuum hose that goes from the "T" junction to the factory solenoid you located on the previous page

At the "6" position is the long tube that leads up to the supplied solenoid as shown on the previous page



**Pictured left:** After connecting the vacuum tubing below the intake, route the long portion of the tubing with the check valve installed around to the front of the engine (closest to the engine bay bulkhead) and install the supplied solenoid on the loose end.



**Pictured Left:** In this photo, the orientation is that the bottom of the picture is towards the front of the car and the top of the photo is towards the rear.

Install the supplied solenoid to the location shown. On the 987.2 this mounting position is not used from the factory, that is where we decided was the best place to attach the supplied solenoid.



**Pictured Left:** Running the vacuum line from the front of the engine towards the rear, be careful to keep the line away from the shift linkages and any other moving parts.



**Pictured Left:** After passing the transmission the vacuum line should exit here, ready to be installed onto the valve.

**Pictured Right:** The newly run vacuum line attached to the valve on your new Soul Performance Products Exhaust. We chose to tuck our vacuum tubing behind the factory heat shields, you can do it this way or another way of your choosing.



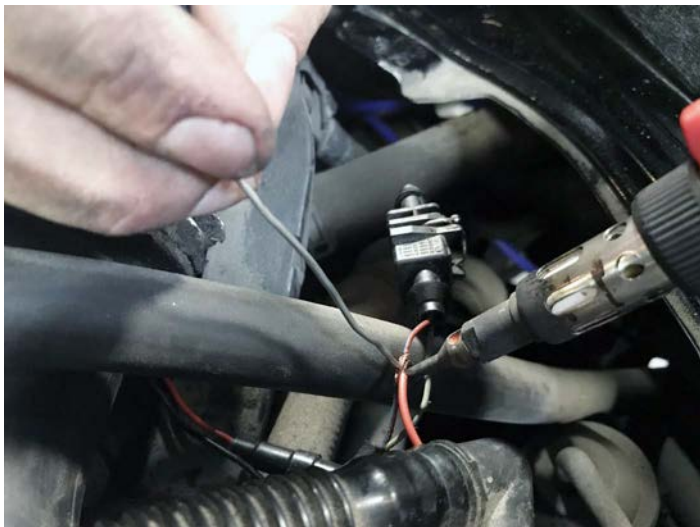
# WIRING

**NOTE:** The black wire on the valve controller is the signal wire / antenna. It is not intended to be wired to anything.

**Pictured Left:** Find a key hot 12V power source to tap into. Cut back any heat shielding/wrap to expose the wires.

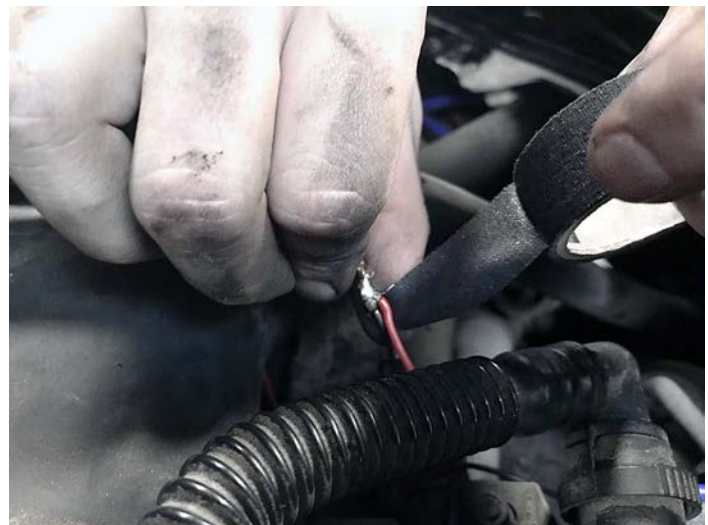


**Pictured Right:** Splice valve controller 12V power to the key hot 12V source of your choice



**Pictured Left:** Securely solder or crimp the power connection

**Pictured Right:** Shrink wrap or wrap the newly created electrical connection

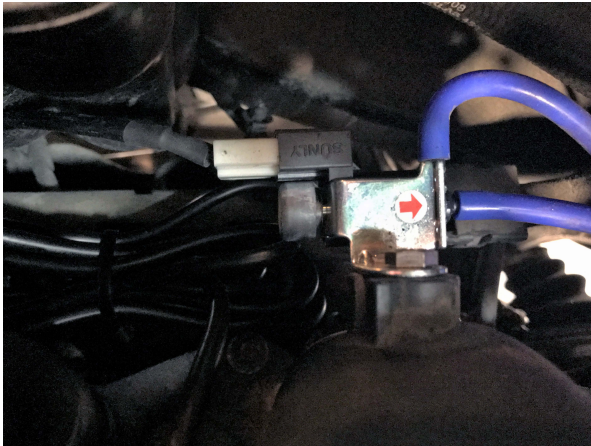




**Pictured Left:** Crimp eyelet to the ground wire on the valve controller



**Pictured Right:** Attach the ground to the engine or frame of the car. Make sure that the connection point is clear of any rust or grease.



**Pictured Left:** Neat installation with proper cable management



**Pictured Right:** Find a position of your choosing to mount the valve controller box

You have now successfully completed the installation of your new Soul Performance Products valve controller! 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.

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