

Disclaimer: This installation guide is intended to clarify the install of your new SOUL valve controller. **Please read 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.



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

INCLUDED COMPONENTS

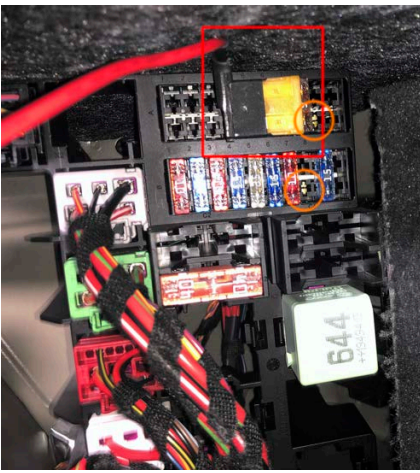
- (1) Valve Controller Kit
- (1) Vacuum T Section (Assembled)
- (1) Vacuum Plug
- (1) Brass Vacuum Adapter
- (1) Spade Connector

Packing Sign Off _____

Shipped on ____/____/____



Step 1: Remove factory rear carpeting and gain access to passenger rear fuse box.



+ POSITIVE WIRE

Locate positive power source in fuse box. There are 3 possible locations. In this photo we used a fuse tap (red square) but there are two hot leads (orange circles) that can be tapped with a standard spade connectors (included).

- GROUND WIRE

Locate factory grounding location one foot forward of the fuse box. Affix ring terminal to ground wire and attach to this stud / nut.



SIGNAL WIRE

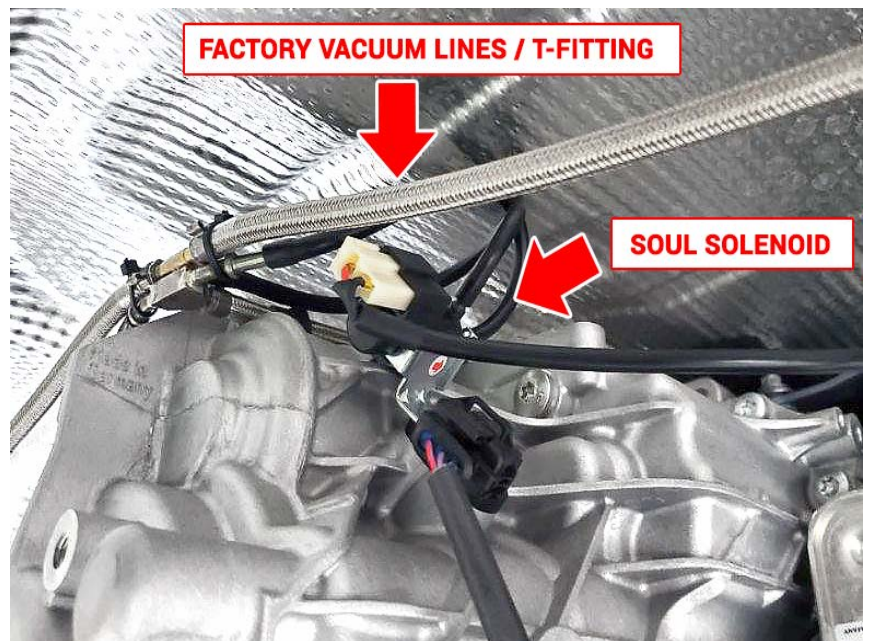
Unmarked thin black wire

The signal wire acts as an antenna to communicate with the key fobs. This wire does **NOT** need to be attached or secured to anything. This wire does not need to be ran into the cabin and will operate just fine under carpeting. Do not bury / hide the wire under anything more than necessary for best results.



WIRING HARNESS / SOLENOID INSTALL

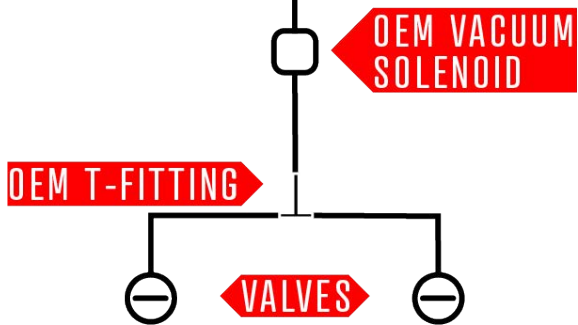
Run solenoid wiring through grommet located on the right side of the trunk floor. The solenoid can be mounted to the same location as the factory transmission sensor / OEM vacuum T fitting. Plug in the solenoid harness.



ENGINE VACUUM SOURCE

FACTORY VALVE DIAGRAM

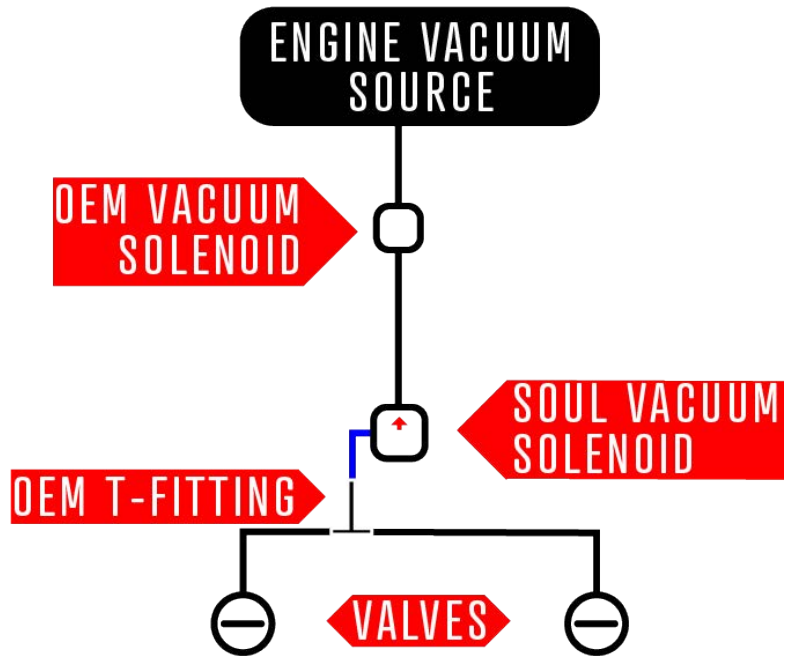
VACUUM SETUP



This setup will allow you to override the factory PSE operation with a constant valves open command. Secondary button press will return to OEM PSE valve functionality.

- Remove vacuum hose from factory T-fitting located on top of transmission and plug it into the SOUL vacuum solenoid barb. Ensure arrow solenoid is pointing TOWARDS the source of vacuum.
- Using included vacuum line, plug SOUL solenoid into OEM T-fitting.

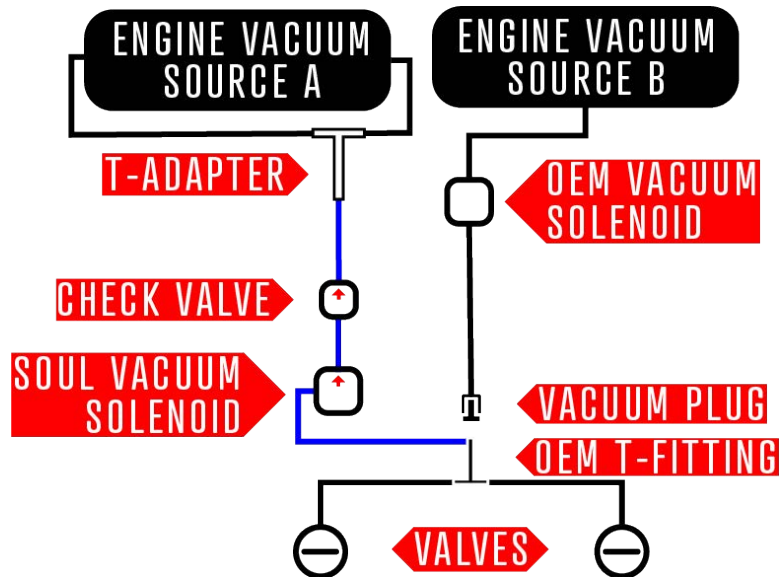
METHOD A - FOR PSE OVERRIDE FUNCTIONALITY



METHOD B - FOR FULL VALVE CONTROL

This setup will completely bypass the factory valve operation to give you full, constant control over the valves using the included key fobs / HomeLink buttons. **OEM valve control via PSE button will not function (this is reversible).**

For this method a secondary vacuum source will be tapped into and a new line ran back to the OEM T-fitting in the factory lines to allow for quickly reverting back to OEM if needed.



- Locate pictured vacuum source "A" in engine compartment near coolant fill location as shown. Tap into the factory vacuum line as pictured using included T-Adapter. Run included new vacuum line back to SOUL check valve / vacuum solenoid.
- Ensure arrows on SOUL solenoid and check valve are pointing TOWARDS the source of vacuum.



T-ADAPTER

- Remove the factory line from OEM solenoid connecting into the OEM T-fitting and plug vacuum line.
- Connect SOUL vacuum solenoid to the factory T-fitting.

HOMELINK FUNCTIONALITY

SOUL key fobs can be paired with the factory HomeLink buttons. Follow the HomeLink guide in your owner's manual to connect both operation modes to two HomeLink buttons. We have a video on our YouTube channel showing installation as well: https://www.youtube.com/watch?v=TR0s_PSYQEM

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

SOUL PERFORMANCE PRODUCTS

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