

A Simple Guide to Installing the C2Motorsports 2.5L SRI

Special Thanks to Josh and the Crew at Nothing-Leaves-Stock

****Disclaimer: This is an aid for installing the SRI on a 2.5L motor. C2Motorsports is not responsible for any damages or misuse of this product****

Step 1:

Remove bumper cover, lower cover, and grill then there are 8 lower front and 4 upper fender area bolts holding the front rebar/rad support on. Remove them and just lean the front end forward a bit (not needed but gives extra room); no need to remove or drain coolant or remove any hoses or wires, just need some clearance. Front bolts on frame, 4 per side.



Step 2:

Remove upper bolts near fenders, two on each side.



Step 3:

Remove factory air box and Intake tube or aftermarket Cold Air Intake. Leave Secondary Air Injection and block vents in OEM location.



Step 4:

Remove vent line from valve cover to intake manifold and set aside, as you can reuse it later for a down draft tube (unless you run a catch can- then you can get rid of it).



Step 5:

Remove the Evap Solenoid connector, remove hose off of the throttle body, and remove the 2 screws holding the fuel rail on. You will not need to disconnect anything from fuel rail and you will not reuse the OEM fuel rail screws, new ones are provided with the SRI.



Step 6:

On the passenger side of the intake manifold, hidden under the side, is a vent tube. Remove it from the intake. You will have to cut this line short about 2" to fit the new SRI vent port (picture provided later).



Step 7:

Unclip the dipstick tube from the clip; you WILL reuse it on the C2 SRI. Under the intake manifold are two 13mm nuts holding the SAI pump to the intake manifold. Remove them and you will not need them again.



Step 8:

Remove the 4 screws for the throttle body, connector and hose. You will not reuse the screws. Also remove the MAP sensor on the intake manifold then remove harness from holder that goes over the intake manifold.



Step 9:

Remove all bolts from intake manifold. The center-bottom bolt requires a VERY thin allen socket and long extension. Save all bolts as you will reuse them. Also, if the plastic clips come off with the bolts, remove them from the bolts as you will not need them. Pictured here is the 2 bottom support bolt holes from the SAI pump bracket, you will not need to use these.



Step 10:

Near the alternator, there is a bracket to hold the hose going to the manifold. Bend this tab down as it's in the way and not needed anymore because the hose is moved.



Step 11:

The C2 SRI uses factory O-rings for the head and throttle body flanges which makes it easy for install and to get O-rings later if needed. Cut the small nipple on the other edge (the left one is cut, right one is OEM). This will make the gasket fit perfectly. Throttle body needs no modifications.



Step 12:

Install the MAP sensor on the driver's side/bottom side of the C2 SRI. Face it forward so it's easier to install the harness. 2 new bolts are included.



Step 13:

Install gaskets and use factory bolts to factory torque specs and install the C2 SRI. Use the supplied fuel rail spacers, one for each side, and keep in mind they are different side to side. Use the supplied longer bolts for fuel rail.



Step 14:

Josh hid the Evap SEL under the SRI so it looks cleaner....you can do what you wish, but it fits and the wires are long enough to do so. He also tucked the injector harness back.



Step 15:

Cut this hose back about 2" to fit cleaner (you don't HAVE to but it looks cleaner if you do). Then, use the nipple provided to connect to the SRI. Two plugs are given as well to plug up the other two ports if you don't need them right now but if you're turbo, you're going to use them.



Step 16:

For now, you can use a "down draft" tube for the VC vent. Josh flipped the OEM vent line around and put a hose on the other end and ran it under the car. We HIGHLY recommend the BFI 2.5L Clean Catch Can: best out on the market and fits perfectly. If you do a down draft tube, make sure it's fixed and not in the way of anything (picture below of the tube is not finished yet).



Step 17:

Finally, bolt on the short ram or Cold Air Intake that you wish to use since it's in the factory position, no custom piece needed.



Step 18:

Re-install rebar, bolts and bumper cover.

Step 19:

GET THE SRI TUNE FROM C2MOTORSPORTS OR AN AUTHORIZED DEALER!!!

If you have any more questions, feel free to call C2Motorsports at 502-895-3660.