

# ***KinetiX SSV intake manifold***

Congratulations on your purchase of our new complete S.S. intake manifold.

Included is all the hardware you need, we apologize for supplying more thorough instructions for install, however the install is quite simple and below is an overview of what needs to be done. If there are any tech questions, please feel free to email us at [jamisonl@msn.com](mailto:jamisonl@msn.com)

- (6) stainless steel washers
- (1) t-handle hex key
- (1) 1/8" I.D. hose fitting
- (1) coolant hose coupler
- (7) s.s. allen head screws
- (1) fuel bracket brace

\* Remove the OEM upper plenum

The coolant hose coupler is installed between the 2 hoses underneath the throttle body, and before installation of the new manifold.

Transfer the throttle body to the new manifold's flange, remove the factory throttle body gasket before installing. The factory gaskets are NOT used.

The factory lower plenum must be removed, including 6 bolts, 2 nuts, and 1 hose. The factory fuel bracket must also be removed, which includes 2 bolts. Make sure to remove the factory OEM lower manifold gasket as well. The factory gaskets are NOT used with the installation of the SSV manifold.

Once the lower plenum is removed, using (1) of the factory hex head bolts, bolt the supplied stainless .25" fuel bracket onto the factory fuel unit. This unit has 2 mounting points, however only bolt the bracket using the rear mounting point. Tighten down the bolt, making sure that the front mounting hole in the bracket and the factory fuel unit are lined up. When you mount the new S.S. manifold, you will be bolting through the manifold, through the supplied bracket, and into the lower factory fuel unit.

The "EVAP" bracket that sits upright on the factory plenum (in the rear, on the passenger side) will bolt to the new manifold at the rear passenger side. The factory "EVAP" unit must be removed from the dark green bracket (14mm nut) after the bracket has been removed from the factory plenum.

It is easier to connect the "EVAP" unit to the factory manifold before bolting it down. The "EVAP" unit bolts directly to the manifold, without the factory dark green bracket. Connect the small hose from the "EVAP" unit to the hose fitting on the rear of the new manifold.

Before mounting the manifold, place (3) of the supplied allen head screws with 1 stainless washer per screw in the 3 mounting holes underneath the manifold runners (passenger side). You will need to do this before mounting so that you can insert the screws easily, as it will be hard to access once mounted.

Place the manifold on the engine, using the factory front and rear bolts of the main flange to line up the mounting points. Start the driver's side (3) allen head screws with stainless washers underneath. Using the supplied t-handle hex tool, start all (6) allen head bolts before tightening, this will ensure correct thread engagement.

Tighten all 6 screws, before installing the OEM hex nuts on the front and rear mounting studs. Tighten all 8 mounting points firmly.

Using the supplied allen head screw, bolt the factory fuel unit to the manifold through the manifold's bracket on the passenger side.

Re-connect the (2) factory hoses on the passenger side of the manifold to the barbed fittings. The 3<sup>rd</sup> fitting towards the front of the manifold has a plug installed, and can be removed to install gauges, etc. There is a supplied 1/8" NPT with 1/8" I.D. barbed hose fitting included. To use, remove the plug in the front fitting of the manifold, and replace with the barbed fitting.