



SPEED INNOVATIONS  
Making The World A Faster Place  
(928)854-1320

# SNP Speed Innovations FMU Kit Installation Instructions

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**Do Not Call LCE for Tech Support!**

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## **Product Installation**

Ensure the vehicle is in park/neutral, set the emergency brake, and disconnect the negative cable from the battery

## **Mounting**

1. Find a suitable location to mount the FMU. We suggest mounting it to the fire wall, near the brake booster.



Figure 1: FMU Mounting Location

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2. After you have found a suitable location, place the FMU against the wall and mark the 2 FMU mounting bracket holes with a marker. When the holes have been marked, remove the FMU and drill the holes with a 7/64" drill bit. Using the newly drilled holes, mount the FMU with the supplied screws.

3. Once mounted, disconnect the factory return line at the wheel well, and attach the supplied fuel line (FMU center port) to the steel return line nipple. Secure the hose with a supplied hose clamp. Next, you will need to disconnect the factory return line from the factory fuel pressure regulator, and connect the supplied fuel line (FMU outer port) to the factory regulator. Secure the hose with the remaining supplied hose clamp.

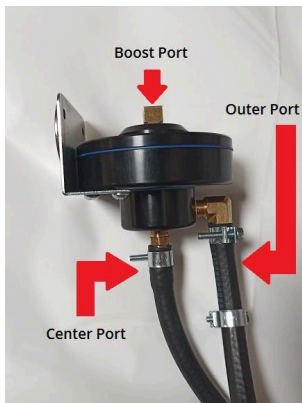


Figure 2: Hose Orientation



Figure 3: Fuel Return Line (to tank)



Figure 4: Fuel Pressure Regulator (Outerport Hose)

4. Next, locate the “Boost Port” (Figure 2) on the top of the FMU, and attach that hose to the factory fuel pressure regulator with the supplied “T” fitting. Please make sure the fuel pressure regulator hose is connected to the back of the supercharger, which is a vacuum and boost reference source (Figure 5). **Please note: your fuel pressure regulator hose should never connect to the throttle body or the intake tube, as those locations will not provide an adequate vacuum or boost signal.**



Figure 5: Boost Reference Source (Backside of Supercharger)

5. When everything has been properly mounted and plumbed, you will need to reconnect the battery and start the engine to check for fuel leaks.