

## 2025+ RAM 1500 Hurricane SO Charge Pipe Injection (CPI) Kit Install Guide

Last updated 7/11/2025

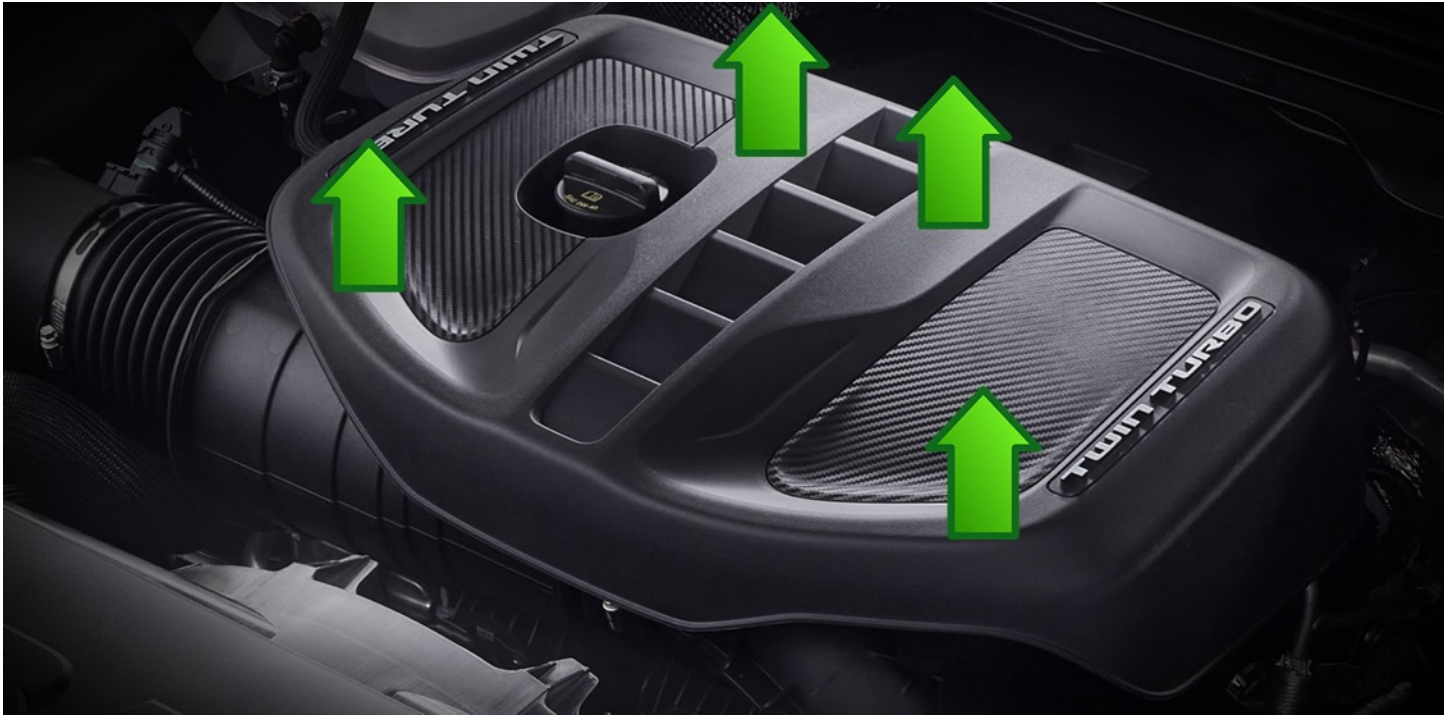
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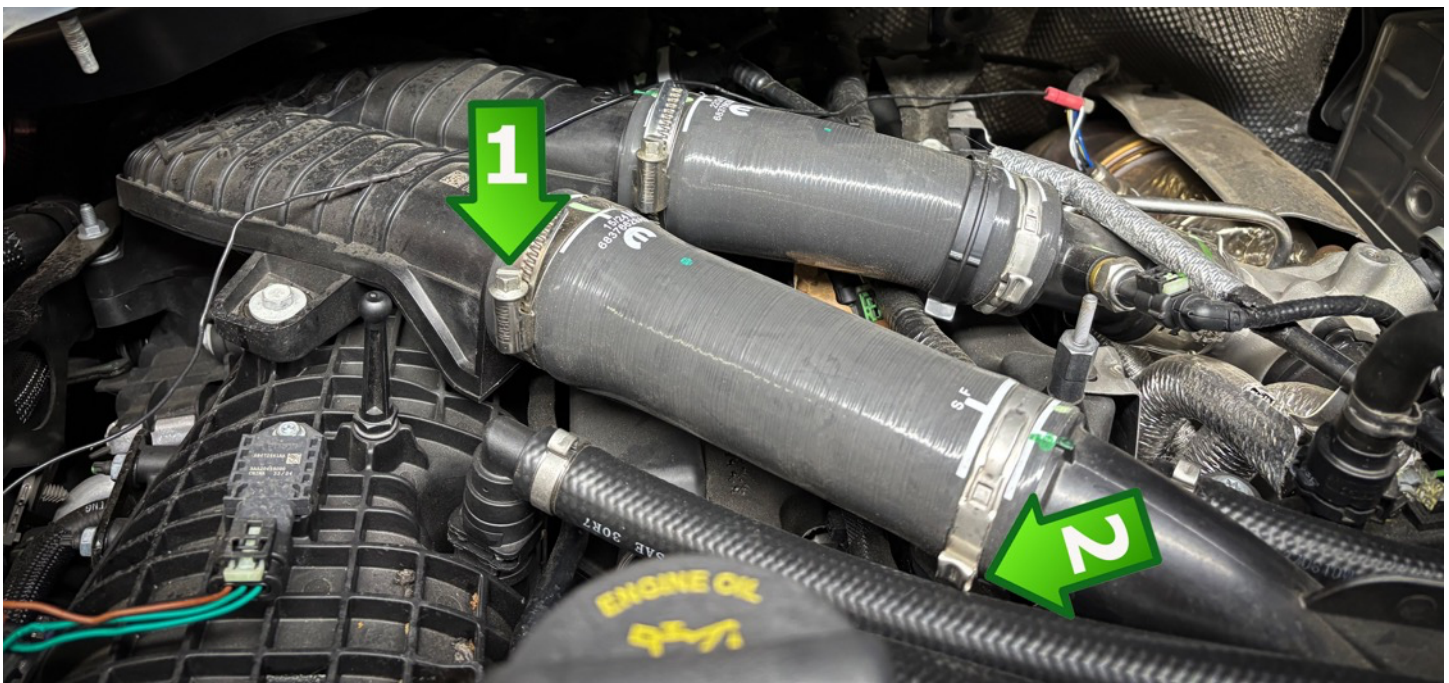


**⚠ ATTENTION:** Before starting installation lock the doors and place the key at least 20 feet away from the vehicle. Wait 10 minutes for the vehicle to go to sleep.

Remove the plastic engine cover. The cover simply lifts off.



Next unscrew the #1 hose clamp on the front charge pipe with a flathead screwdriver. Now use a flathead screwdriver to pop the #2 clam off by inserting it into the "hoop" and twisting to deform and loosen it.

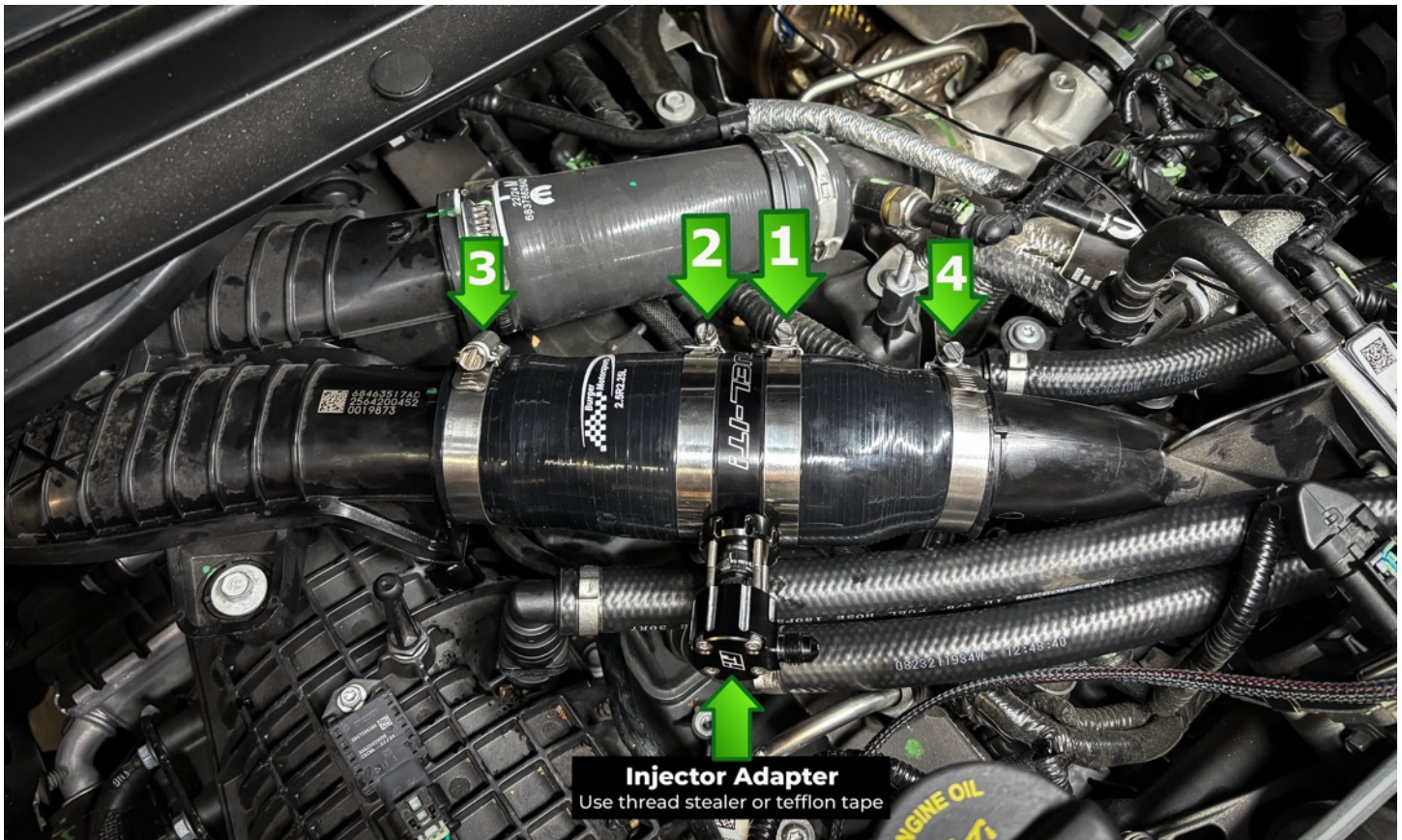




Once the gray factory charge pipe hose is removed, used the included clamps to secure the coupler. Be sure to plug the bung on the opposite side with the included ¼ NPT bung plug with thread sealer.

The threaded fuel line input on the should be pointed straight up and down.

The hoses under the injector adapter shown in the picture below go to the optional **BMS RAM 1500 Hurricane SO Dual Oil Catch Can System** that may not present in your vehicle.



If you opted for the CANFlex Bluetooth Flex Fuel Kit please follow these instructions:

<https://www.jb4tuned.com/instructions/RAM-hurricane-ethanol-content-sensor.pdf>

If you didn't opt for the CANFlex Bluetooth Flex Fuel Kit (ethanol content sensor) this adapter attaches directly to the factory fuel line in place of the Flex Fuel Kit. If you have the CANFlex Bluetooth Flex Fuel Kit this attaches to it.

**Lube with the Included SuperLube®**





Under the truck on the driver's side locate the braided fuel line and pop the clip off.



Press the included fuel line unlock tool into the metal fuel line to release it.





Lube the black fitting with the included Superlube®



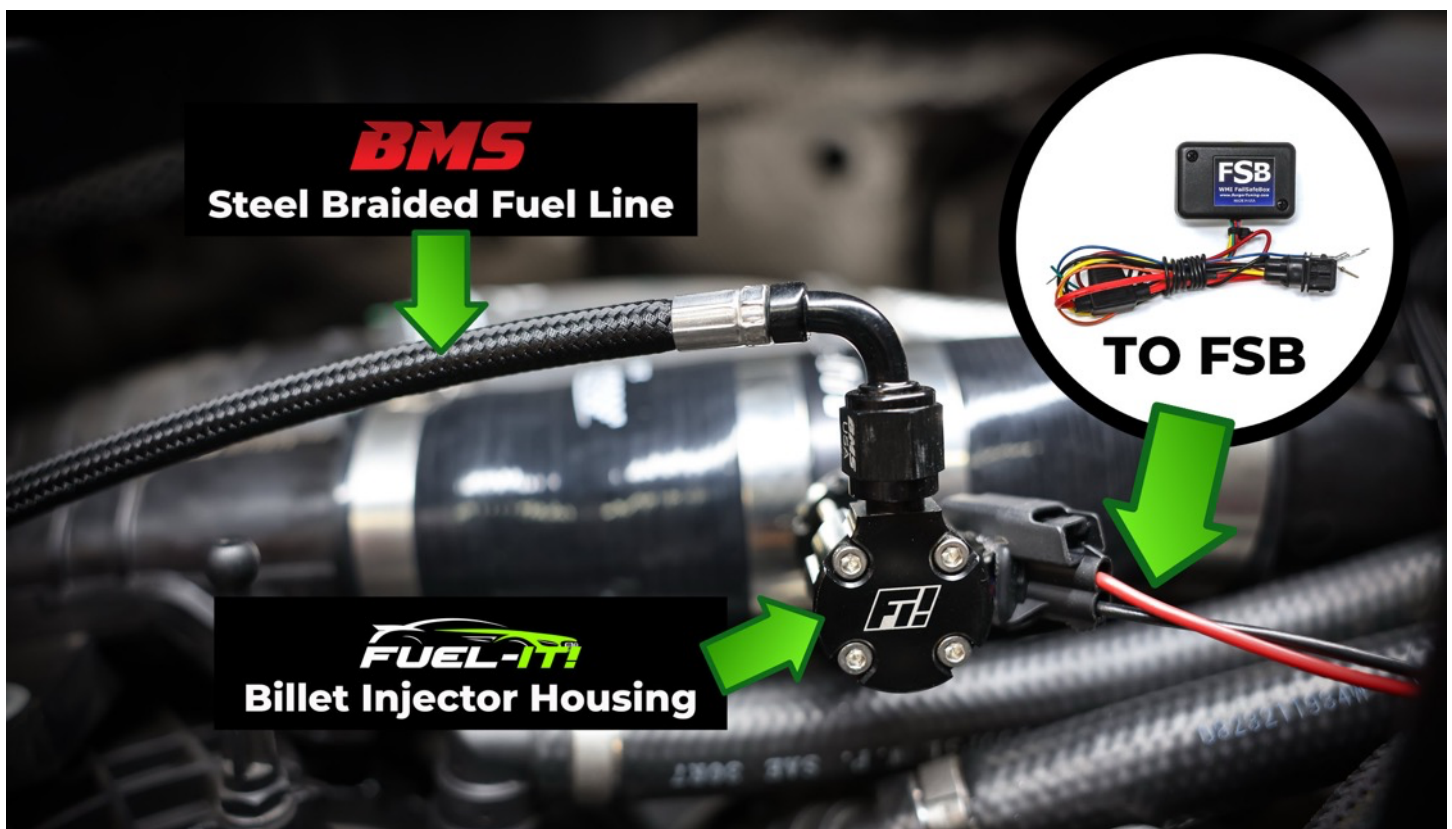
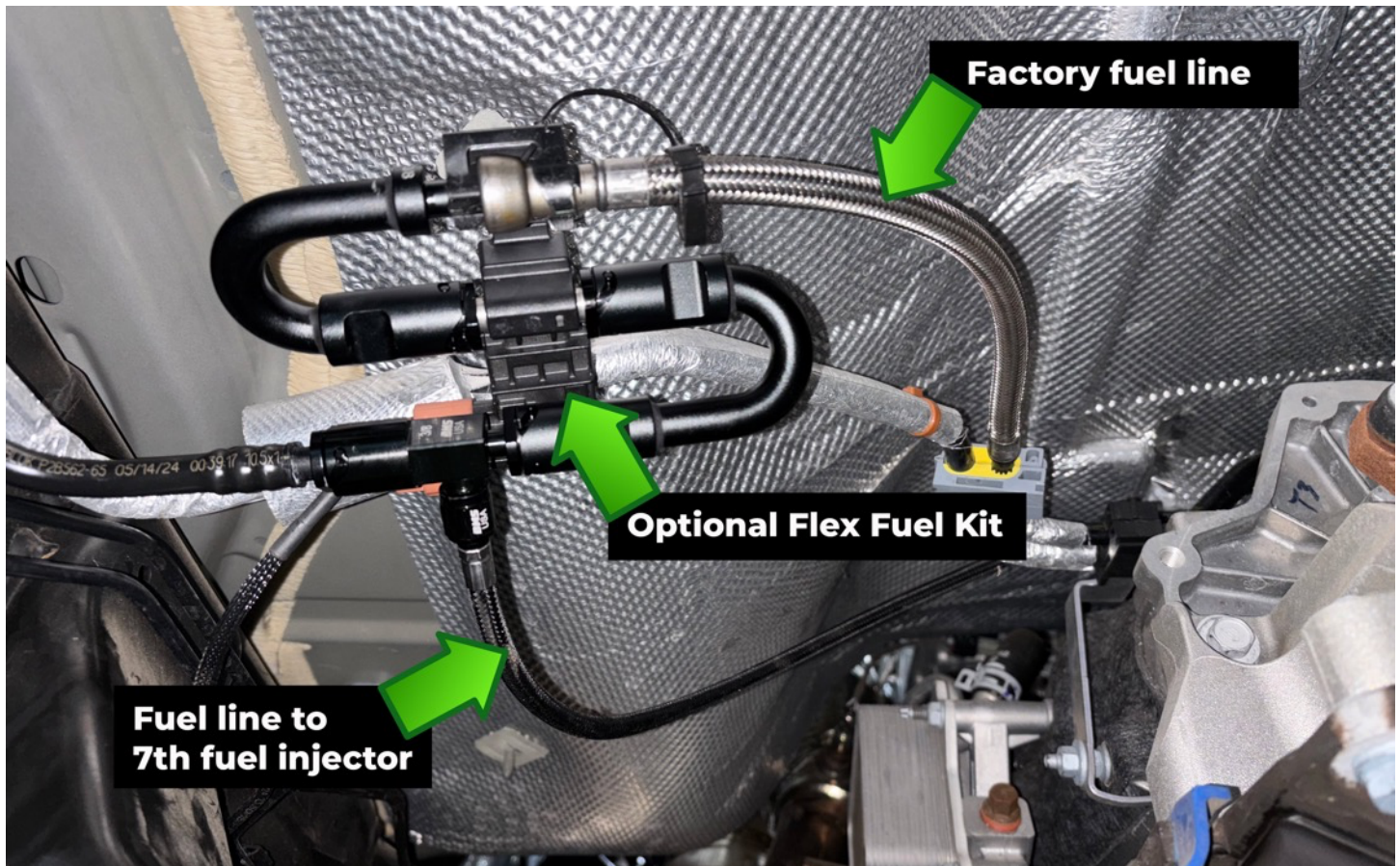
Now put the included fuel line adapter in-between the factory braided fuel line and plastic fuel line. Be sure to lube both ends of the line before assembly.

Lube with the Included SuperLube®





After connecting the fuel line adapter or installing the optional flex fuel kit, run the fuel braided fuel line to the 7<sup>th</sup> fuel injector adapter/housing.



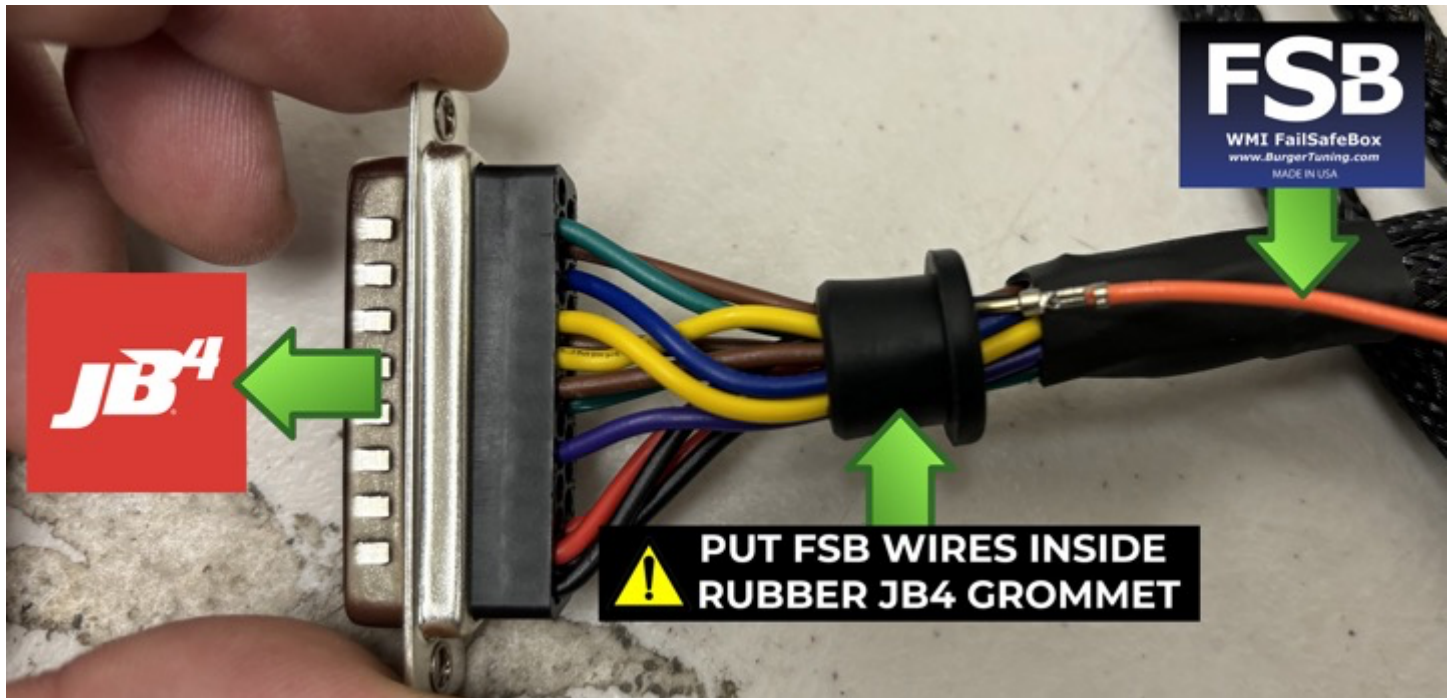


Connect the 7<sup>th</sup> injector to the FSB connector.

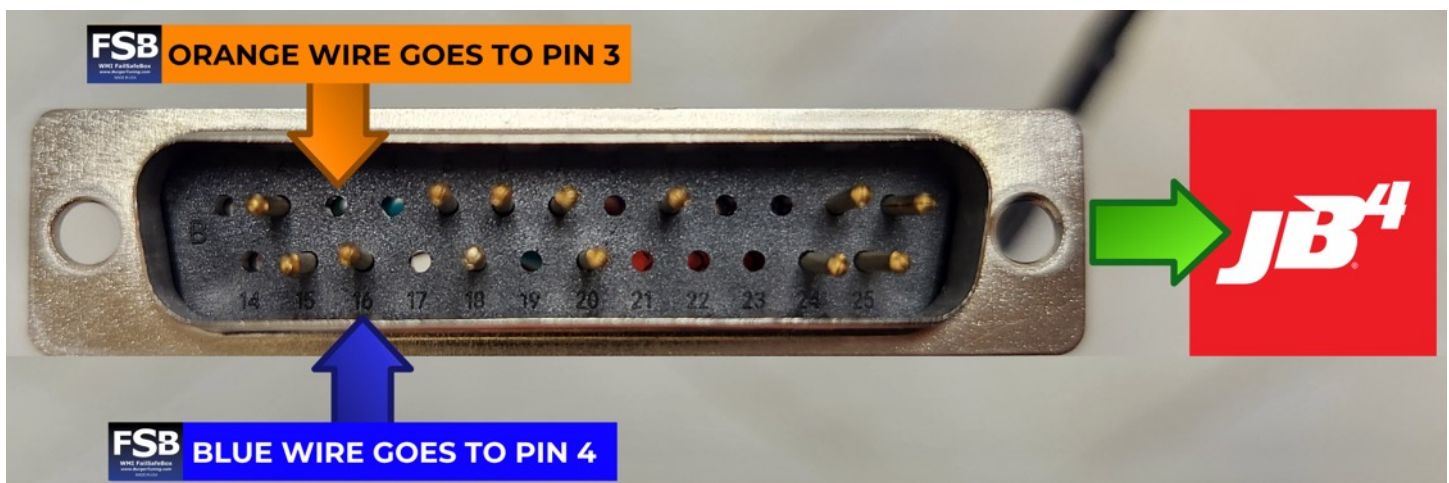




The FSB has two pins that plug in to the JB4 connector. Open the JB4 control box and route the blue and orange wires **through the JB4 grommet**. Insert the orange wire in to spot #3, and the blue wire in to spot #16.

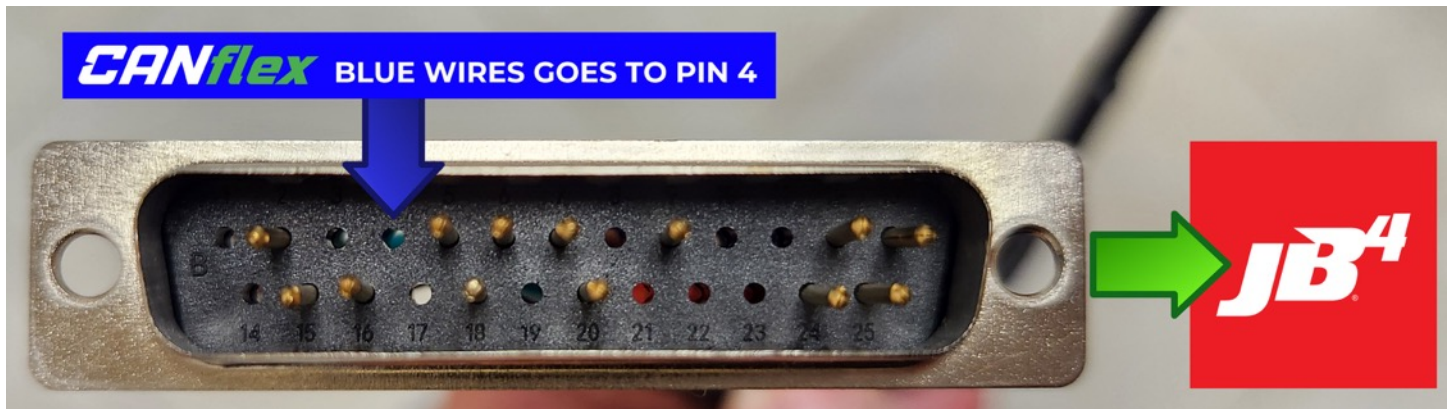


Note pins on the JB4 connector are labeled on both sides. (top and bottom)

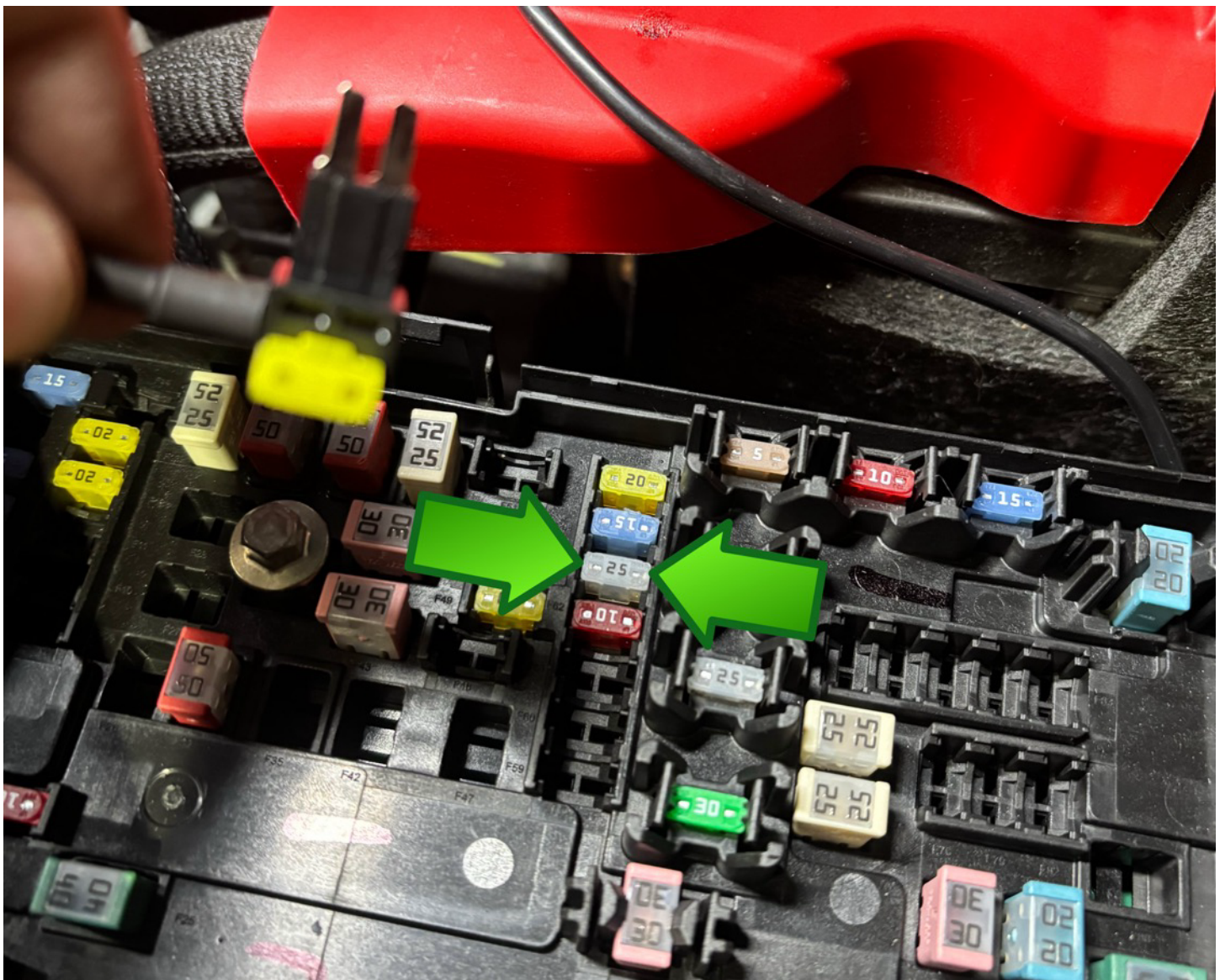




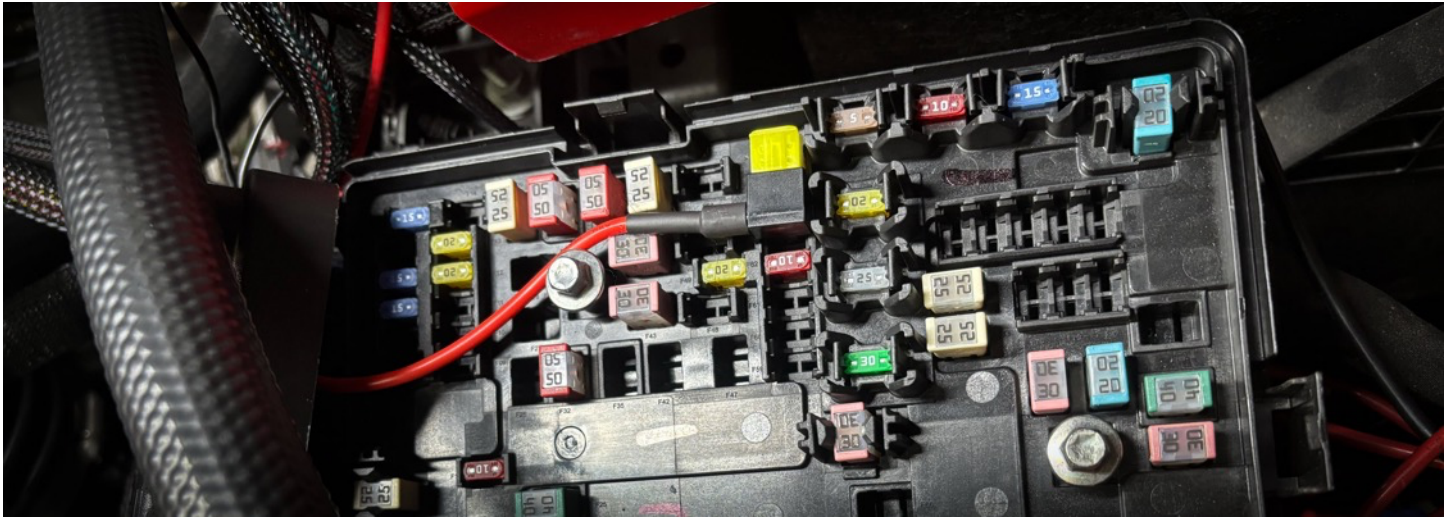
If you **installed the CANFlex Bluetooth Flex Fuel Kit**, the blue wire goes spot #16. In the JB4 app select WMI Ethanol Setup option 0 to activate the ethanol content sensor.



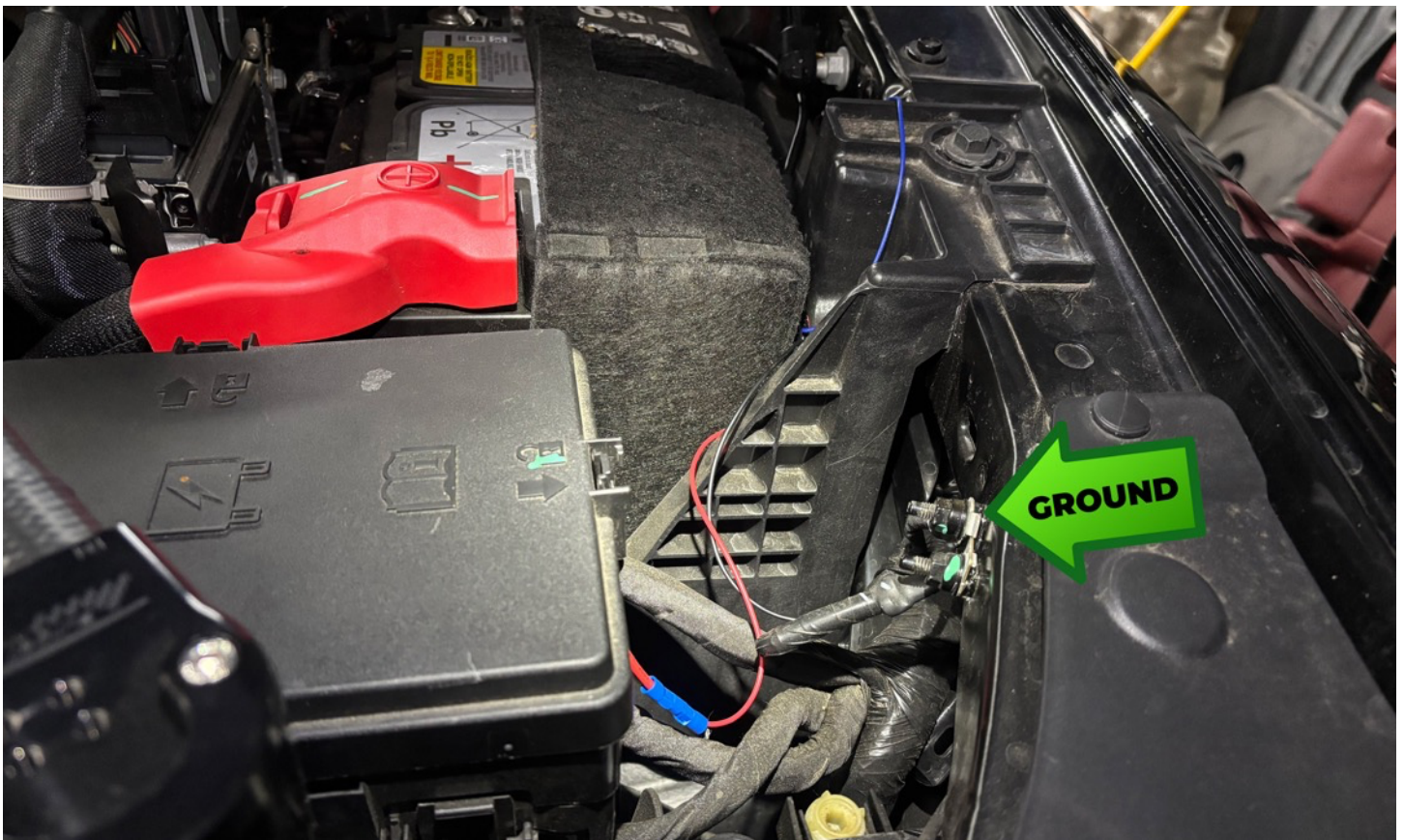
Plug the included fuse tap into the 25 amp fuse slot.







Attach the black ground wire fork to the trucks ground shown below.





Connect the optional CANflex LED module and either run it inside the passenger compartment or leave it in the engine bay with the included silicone cover for protection.

