

FSB JB4 WMI Water Injection Controller Install Guide

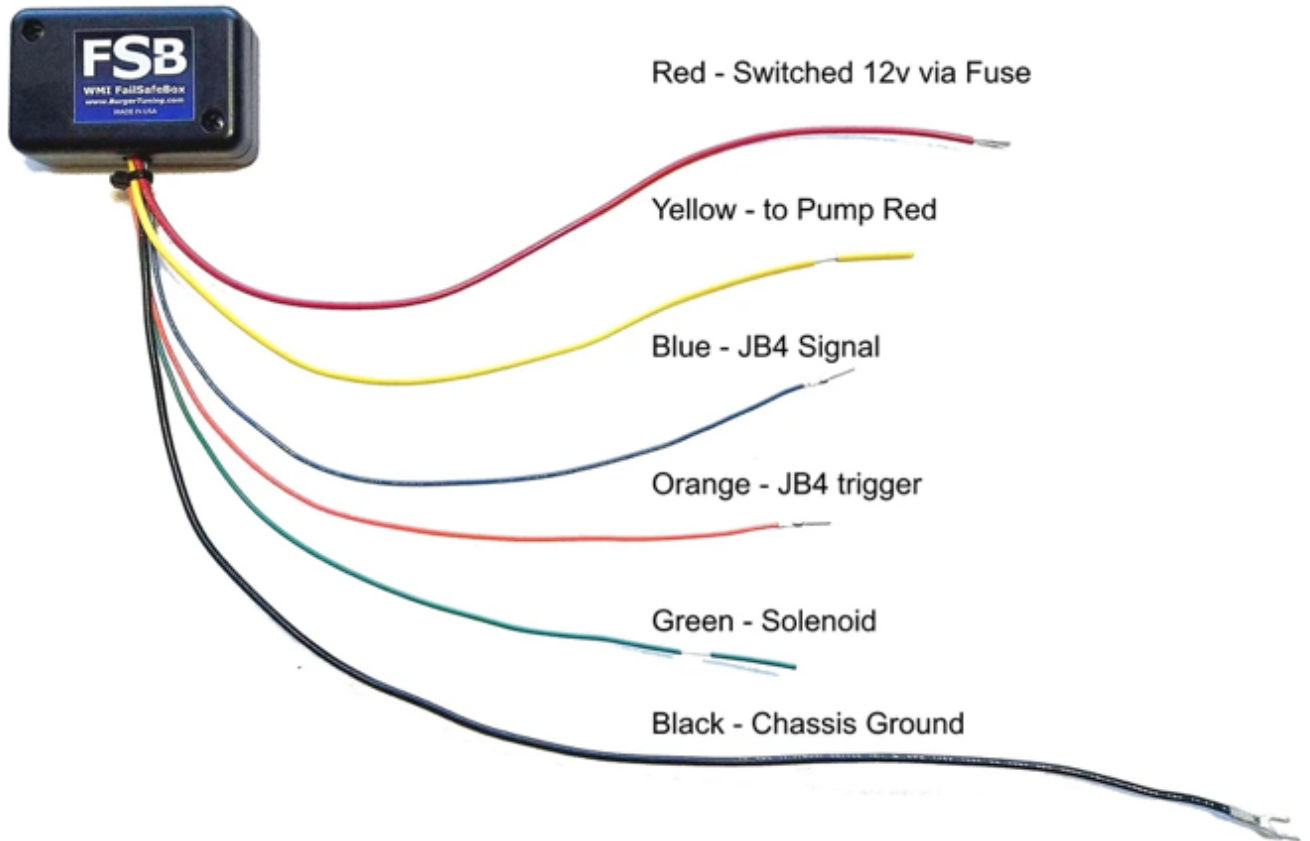
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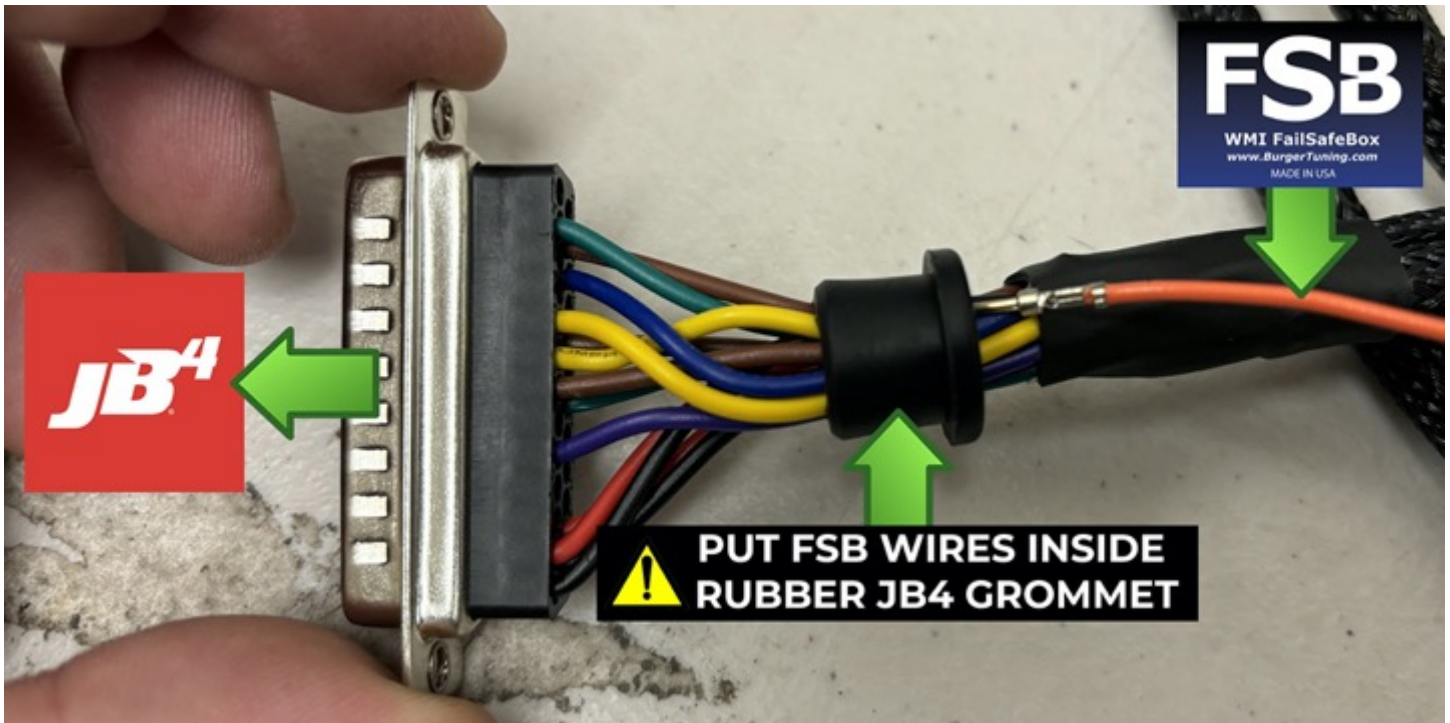
Before beginning the install, please familiarize yourself with the FSB wiring and connections.



- **Orange** wire spot #3 in the JB4 connector
- **Blue** wire in to spot #16 in the JB4 connector
- **Red** power wire will be routed to an inline fuse
- **Green** connected to a wire powering the solenoid
- **Yellow** connected to a pump wire
- **Black** ground wire

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 as shown below.

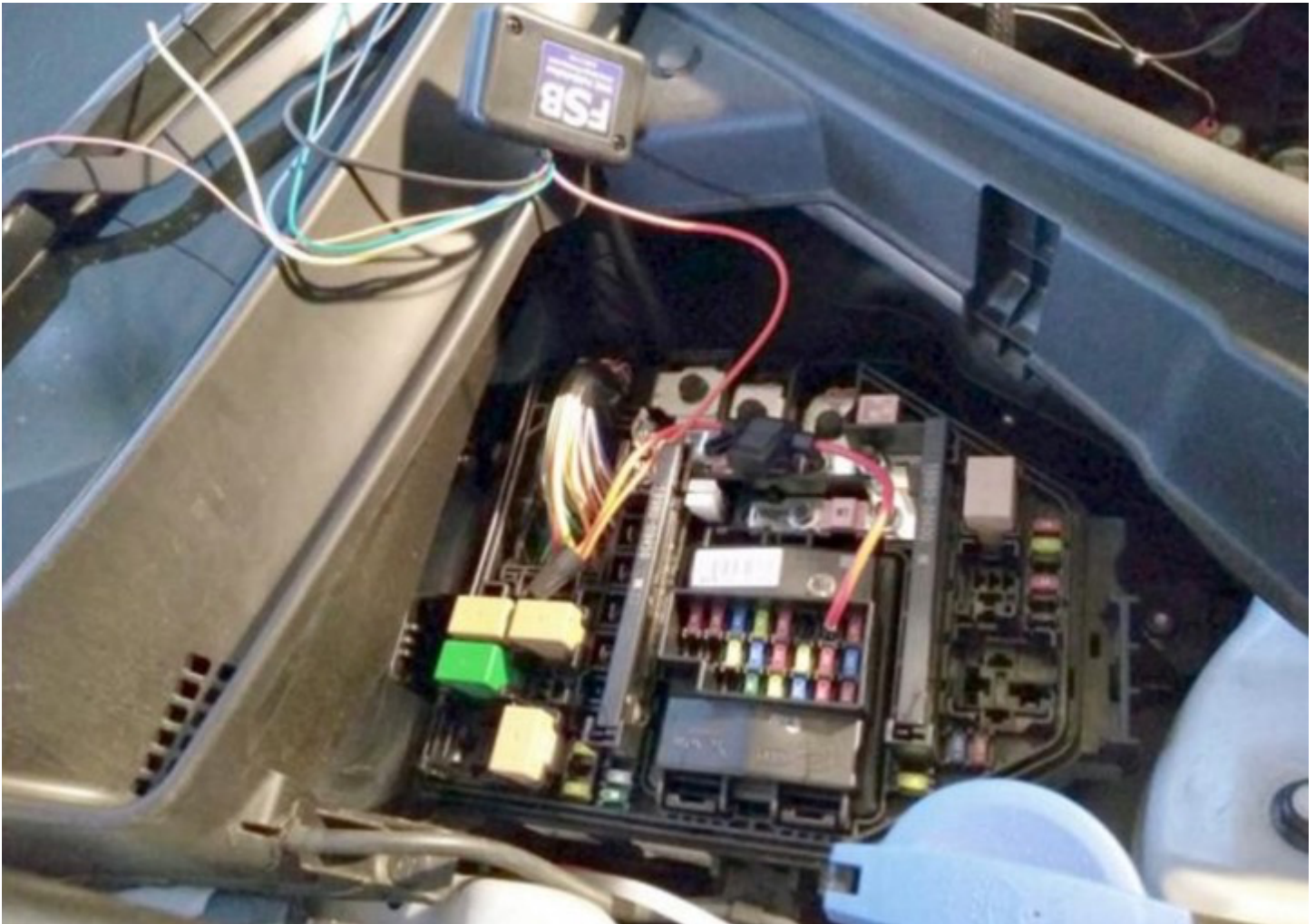
Insert the **orange** wire into spot #3 and the **blue** wire into spot #16 through the JB4 grommet.



The FSB red power wire will be routed to an inline fuse using a wire nut for attachment, and then the inline fuse routed into an unused spot in the fuse box.



Once routed, carefully reattach the fuse box cover over the FSB power wire. If you run into an issue with WMI not turning on, this power wire coming loose or not being properly secured will be a primary suspect. Note, we strongly suggest SWITCHED power for the FSB. Resist the urge to use the easy to reach/attach to CONSTANT power sources.



Protection Diode: The protection diode is important because it helps protect the FSB from damage in the event of a poor ground or lose ground. Attach it close to the pump between the black and yellow wires.



Next, ground the FSB black wire and either one of the black solenoid wires. Make sure fork is fully seated and tighten down the nut. A bad ground will also result in WMI not working properly so this will also be something to check if you run into issues down the road.

To finalize wiring attach the other black solenoid wire to the FSB green connection (this provides power to the solenoid) and attach the FSB **yellow PUMP** wire to the red wire you routed from inside the vehicle.

Once install is complete and you've done a final test purge to ensure the system is working and secure the FSB in a dry location.

