

BMS B58TU2 JB4 Install Guide

Last Updated: 6/16/2023

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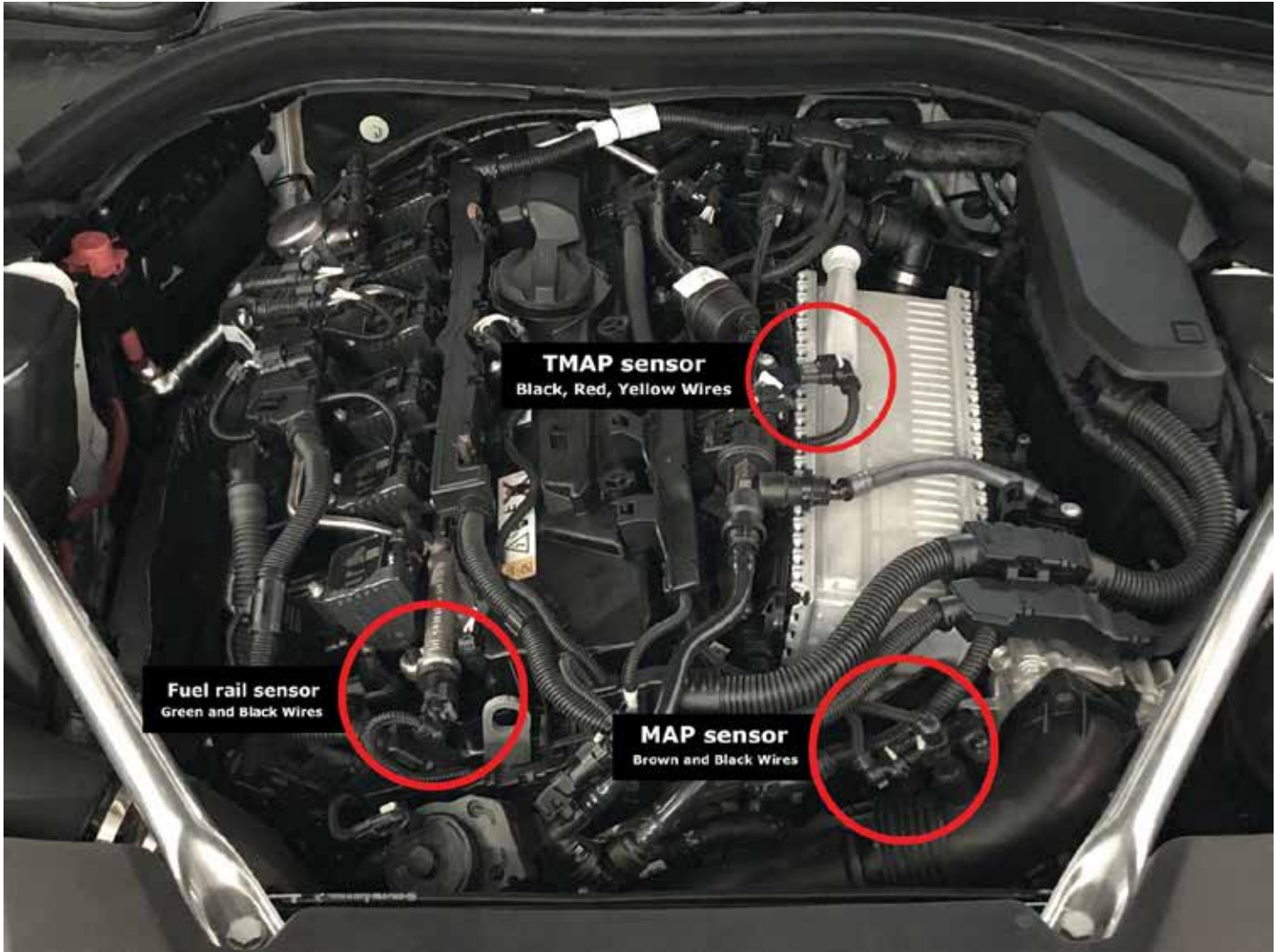
OPTIONAL JB4 APP SHOWN

When working with live wires ALWAYS disconnect the negative battery terminal in the trunk first. Do not attempt to install the tuner, connect the tuner box to the harness, or otherwise work on the vehicles electrical system with the battery connected. Doing this may result in a damaging voltage spike being sent to the DME.

1) Remove the strut brace. Next remove the plastic engine cover. The cover simply lifts off. Also remove the driver side cowl cover. Turning the lock tab 90 degrees will release the tab and allow you to pull the cover off. This is where the JB4 will be stored.



2) The JB4 harness is divided into wire loops each with its own wire color which will be routed to a specific sensor on the vehicle. In addition, there are a pair of green and brown CAN wires that will connect to the CANbus using the included OBDII adapter.



3) TMAP sensor, black, red, and yellow JB4 wires:

The TMAP sensor is located on the intake manifold on the top of the engine next to the oil filler cap. Unplug the factory harness, plug the JB4 harness into the sensor, and plug the factory harness in to the JB4. The clip is released by pushing back and pressing down on the gray locking tab. Alternatively you can use a small flat head screwdriver to lift the clip up from the front.



JB4 connected to the TMAP sensor.



4) MAP sensor, brown and black JB4 wires:

The MAP sensor is located on the top of charge pipe several inches before the throttle body and disconnects similar to the TMAP sensor. Unplug the factory harness, plug the JB4 harness into the sensor, and plug the factory harness in to the JB4.



JB4 connected to the MAP sensor.



5) Fuel rail sensor, green and black JB4 wires:

The fuel rail sensor is located on the top left front of the engine. Unplug the factory harness, plug the JB4 harness into the sensor, and plug the factory harness in to the JB4.



JB4 connected to the fuel rail sensor.



5) CANbus/OBDII connector: green/brown wires on JB4

This optional connector attaches to the OBDII port to enable the CANbus features listed below. There are two ways to do this. You can put it through a hole in the firewall under the dash or simply run it through the door jamb aby hiding the wire in between the fender and the A pillar.



Remove the panel under the steering wheel by turning the 2 tabs and pulling downward to expose the firewall between the OBDII connector and the brake pedal.



Using a long screwdriver puncture rubber firewall cap pushing. Be careful not to damage any of the wires. Feed the OBDII wire from the interior through the hole to the engine compartment.



Plug the OBDII wire in to the JB4 green/brown pair connector.



Plug the OBDII cable into the OBDII port under the driver's side dashboard.



If you've purchased the optional JB4 mobile adapter or the wired connection open the enclosure and plug the adapter into the JB4 board directly as shown. When closing the enclosure ensure the control board is properly lined up and only tighten down screws once the case closes smoothly to avoid damaging the JB4 board.

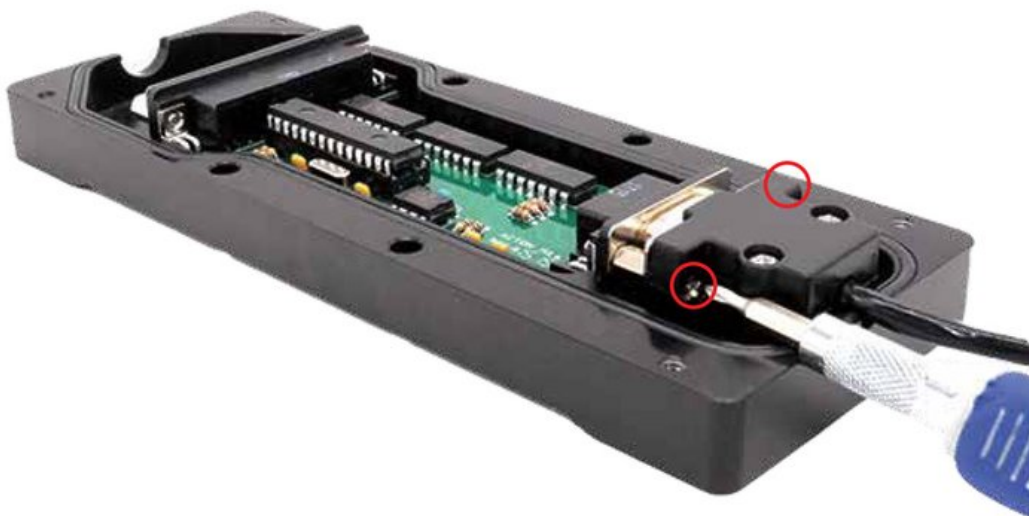
JB4 Connect Kit (Pinned Power) Install Guide

04-13-2020

1) Open the JB4 enclosure.



2) Install the DB9 connector and ensure both screws are secure.



3) Put the JB4 enclosure back together.



*****Very Important*****

4) Ensure the Connect Kit ***IS NOT*** in direct contact with the metal JB4 enclosure or any other nearby metal. Aim the smaller side of the Connect Kit (circled below) **DIRECTLY** towards the driver's seat for best signal quality. Failure to do this may lead to connectivity issues.

