



## **BMS VW/Audi/Seat/Skoda EA211 1.2 & 1.4 TFSI/TSI**

### **Applications**

#### VW

- **VW Jetta 1.4T**
- **VW Polo 1.2T & 1.4T**
- **VW Tiguan 1.4T**
- **VW Golf 1.4T**

#### Audi

- **Audi A1 1.4T**
- **Audi A2 1.4T**
- **Audi A3 1.4T**

Skoda All 1.4T

Seat All 1.4T

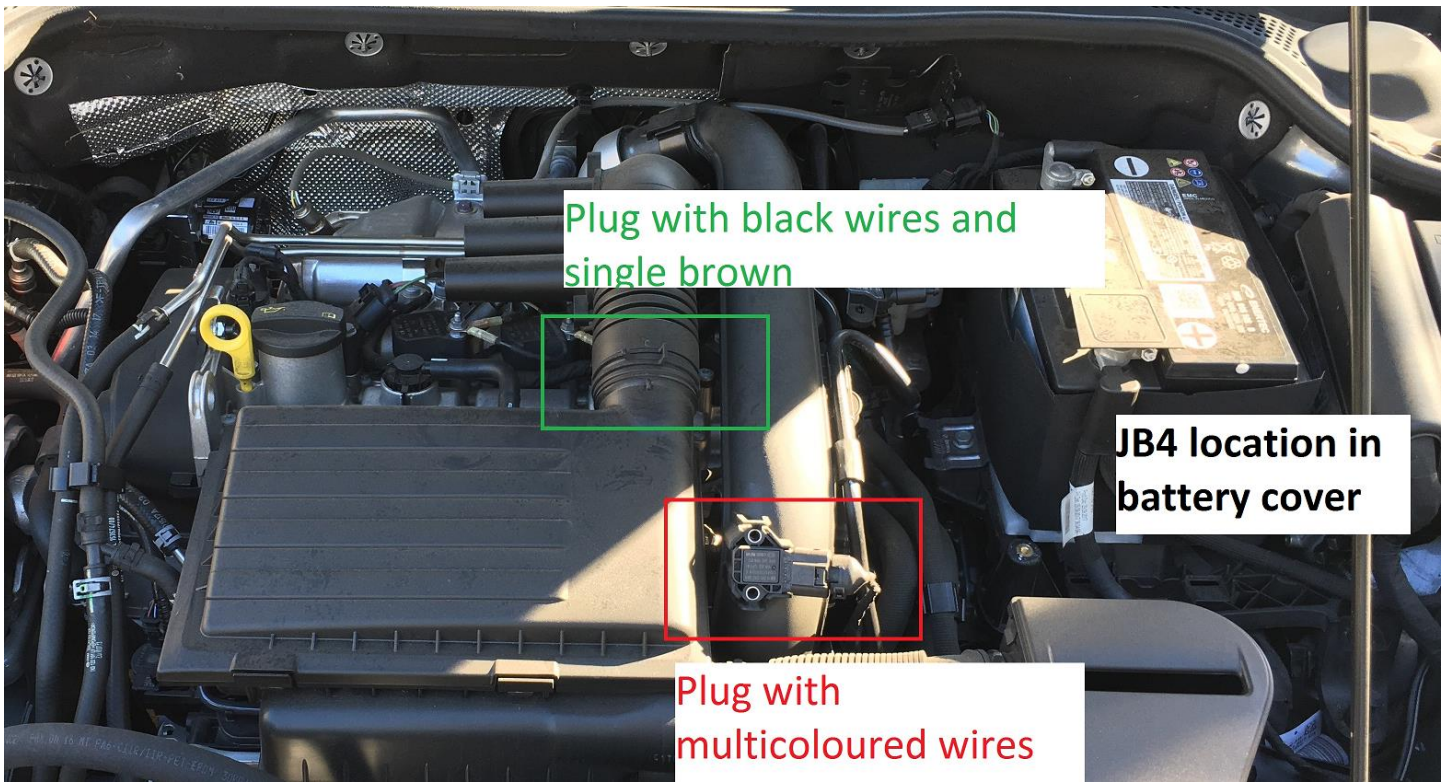
**Last Updated: 1/3/2019**

<http://www.burgertuning.com/terms.html>

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**Plug location overview:**



The JB4 harness has 2 connection points in the engine bay and the OBD wire that comes from inside the car. The engine bay connectors will be connected first.

**Step 1:** Open the hood, lock the doors, place your key far enough from the car not to wake it up, and wait 5 min for the vehicles computer to go to sleep. Alternatively disconnect the negative battery terminal.

**Step 2: TMAP:** Rainbow patch on harness (plugs have red/yellow/green/black wires). Unplug the factory connection, plug the JB4 harness in to the sensor, and plug the factory connection in to the JB4 connector, completing the loop.

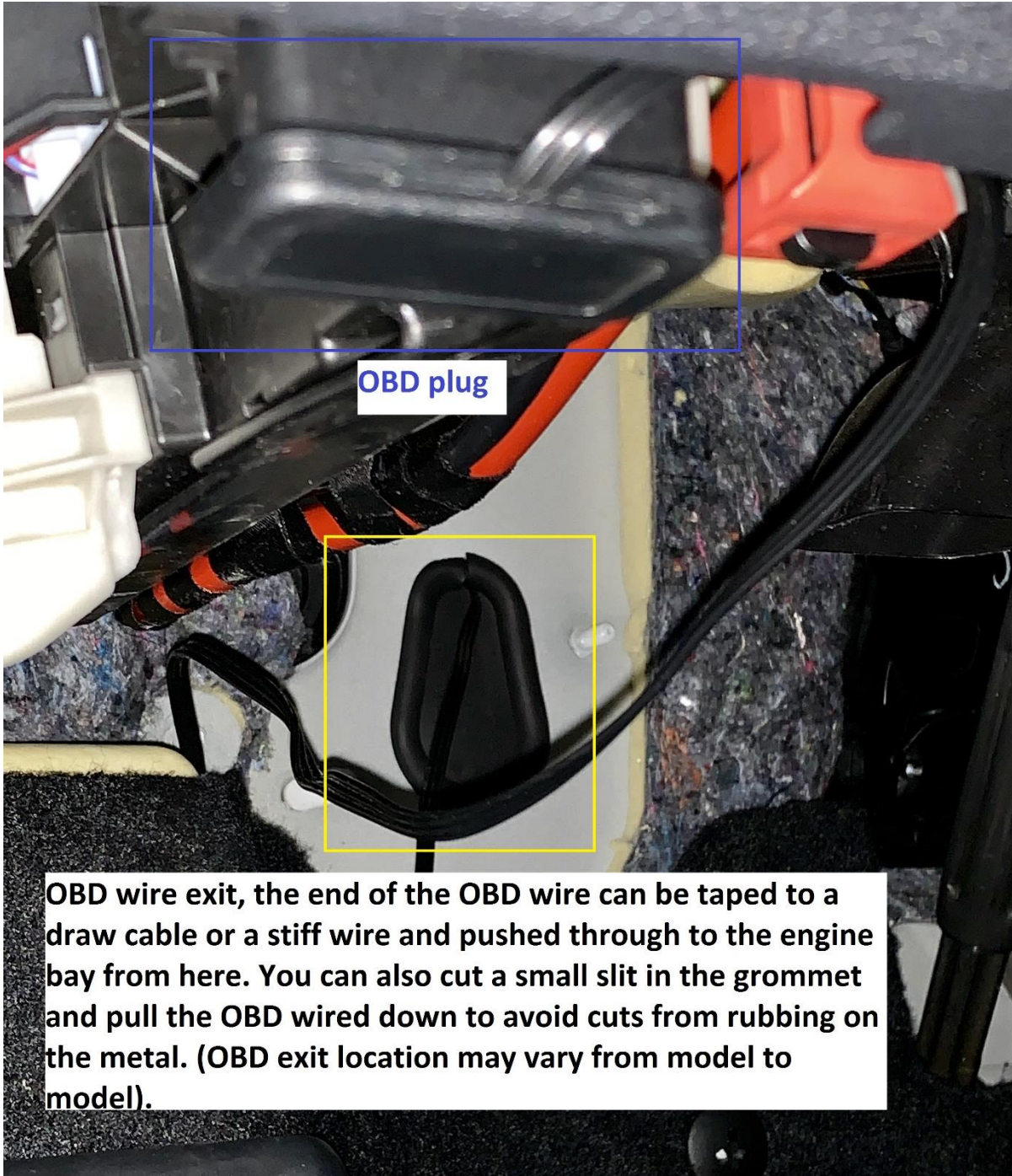


**Step 3: MAP: Brown patch on JB4 harness. Unplug the factory connection, plug the JB4 harness in to the sensor, and plug the factory connection in to the JB4 connector, completing the loop.**



**Map: Location variance shown on 2019 Jetta 1.4T where plug is easy to reach**

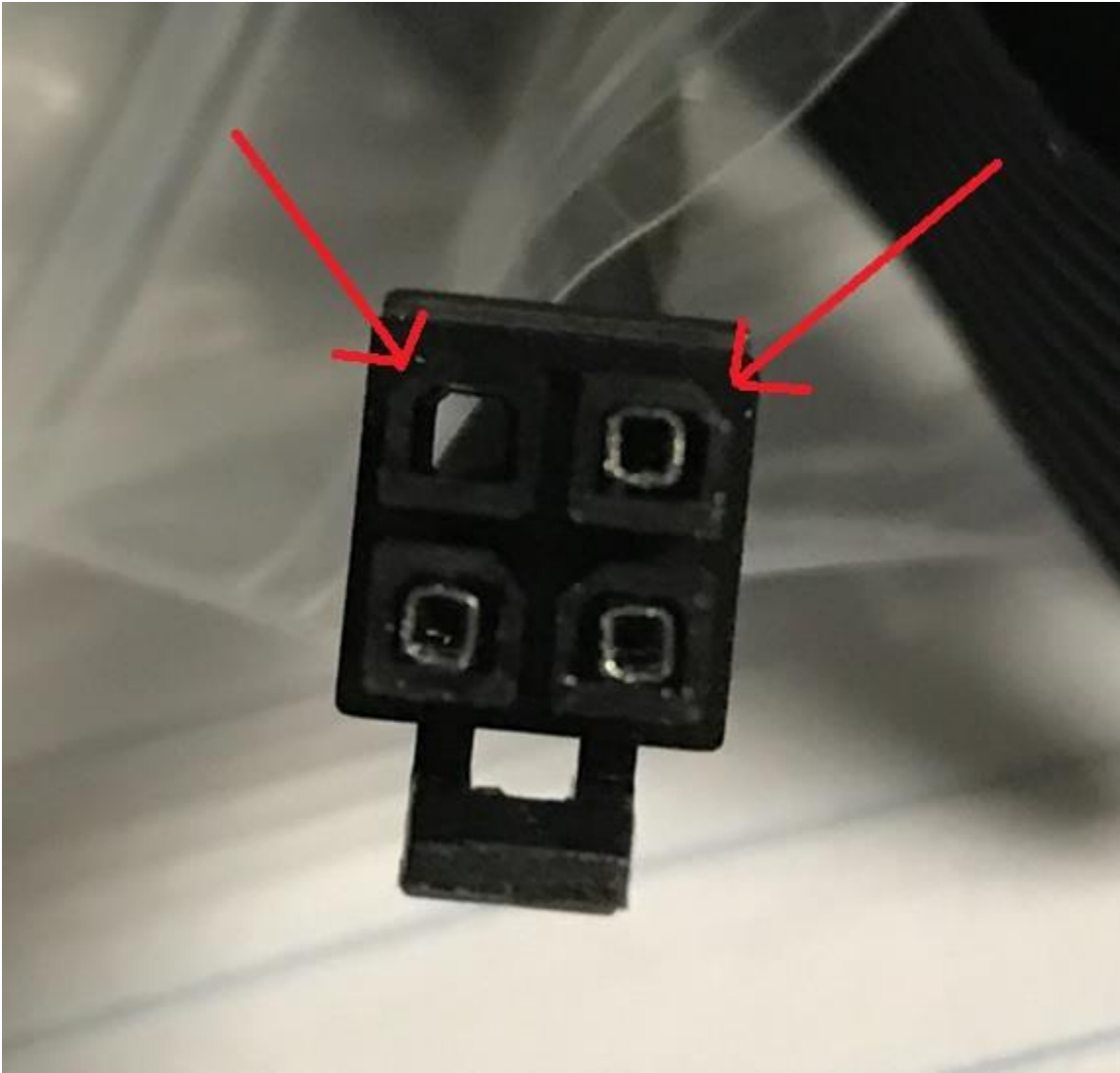
**OBDII CANBUS: Extra wire that plugs in to JB4 harness small black connector near box. This optional connector allows the JB4 to datalog and incorporate advanced data inputs in to its tuning. It plugs in to the OBDII plug on the bottom of the dash on the driver's side and is routed to the engine bay by going through a grommet in the firewall (more work but much cleaner) or routing around the outside of the door jam (quick and easy). To route through the firewall you will use a scissors to cut a slit in this unused grommet, and then using a coat hanger or piece of aluminum wire attached to the OBDII plug can route it through the grommet from the inside.**



OBD plug

OBD wire exit, the end of the OBD wire can be taped to a draw cable or a stiff wire and pushed through to the engine bay from here. You can also cut a small slit in the grommet and pull the OBD wired down to avoid cuts from rubbing on the metal. (OBD exit location may vary from model to model).

The small side of the OBD wire will connect to the JB4. To ensure correct connection you can match the male to female side using the small angles indicated below.



The optional data cable connects straight onto the JB4 circuit board by pulling the enclosure open.

Installation is complete! The JB4 comes preset to Map 1. Using a BMS DATA cable or JB4 Mobile adapter you can adjust maps, datalog, and perform updates.

Contact us directly at [george@burgertuning.com](mailto:george@burgertuning.com) for any additional information or visit [Support forum link](#)