



BMS Audi S4 BETA Install Guide

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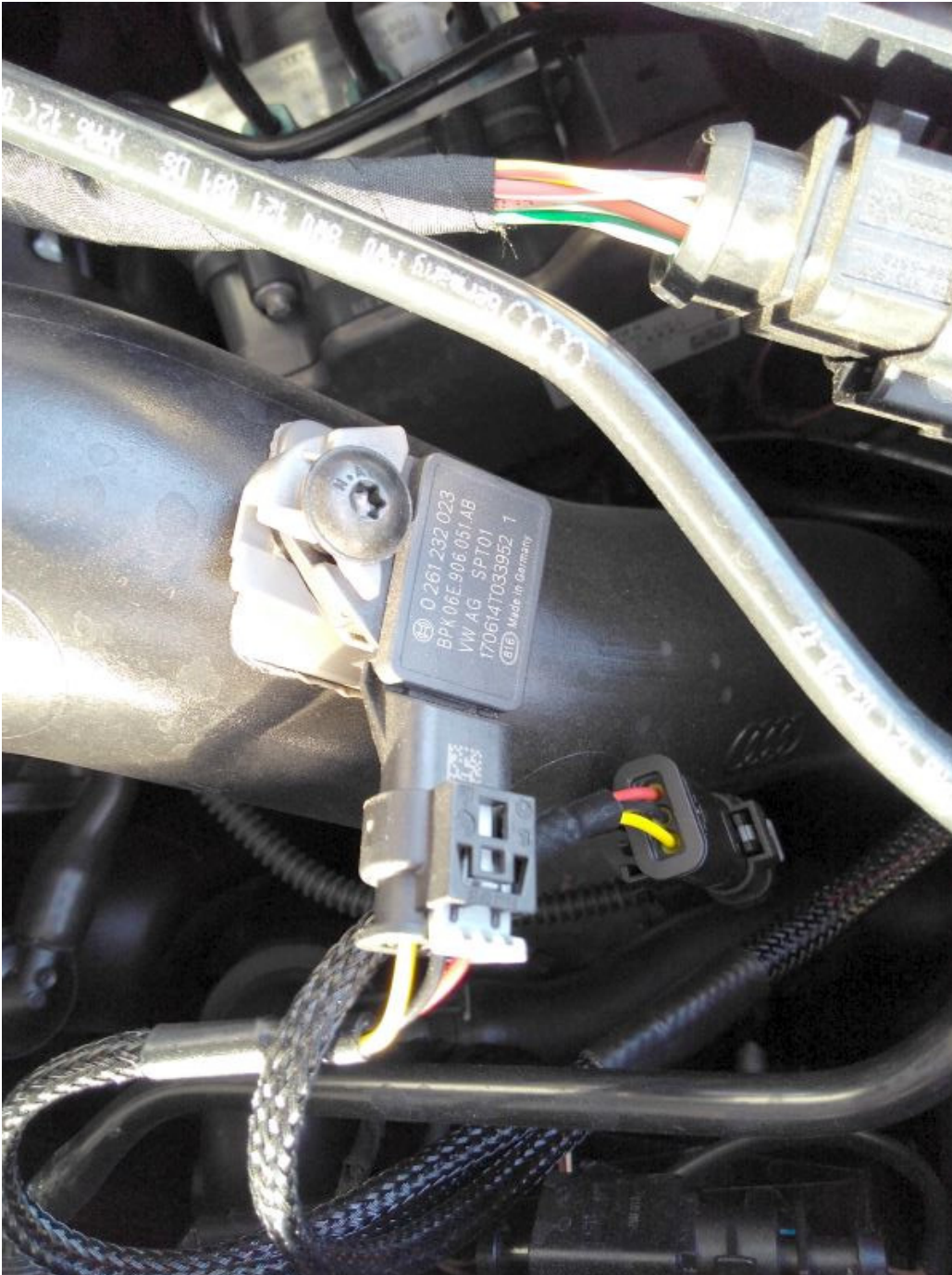
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Open the hood, lock the doors, place your key far enough from the car not to wake it up, and wait 5 min for the vehicles computer to go to sleep.

The JB4 harness has 4 connection points.

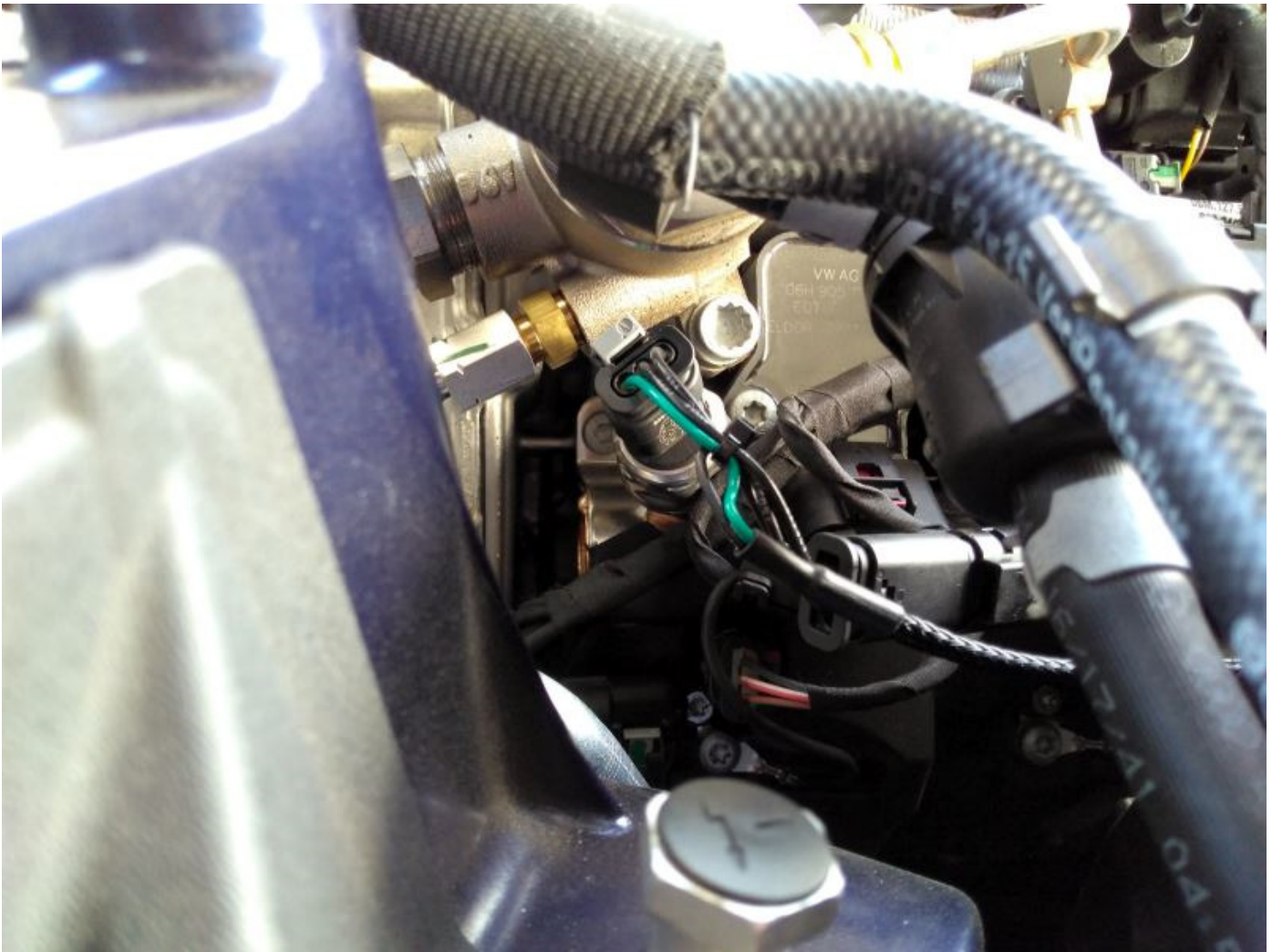
TMAP: Rainbow patch on harness. Unplug the factory connection, plug the JB4 harness in to the sensor, and plug the factory connection in to the JB4 connector, completing the loop.



MAP: 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.



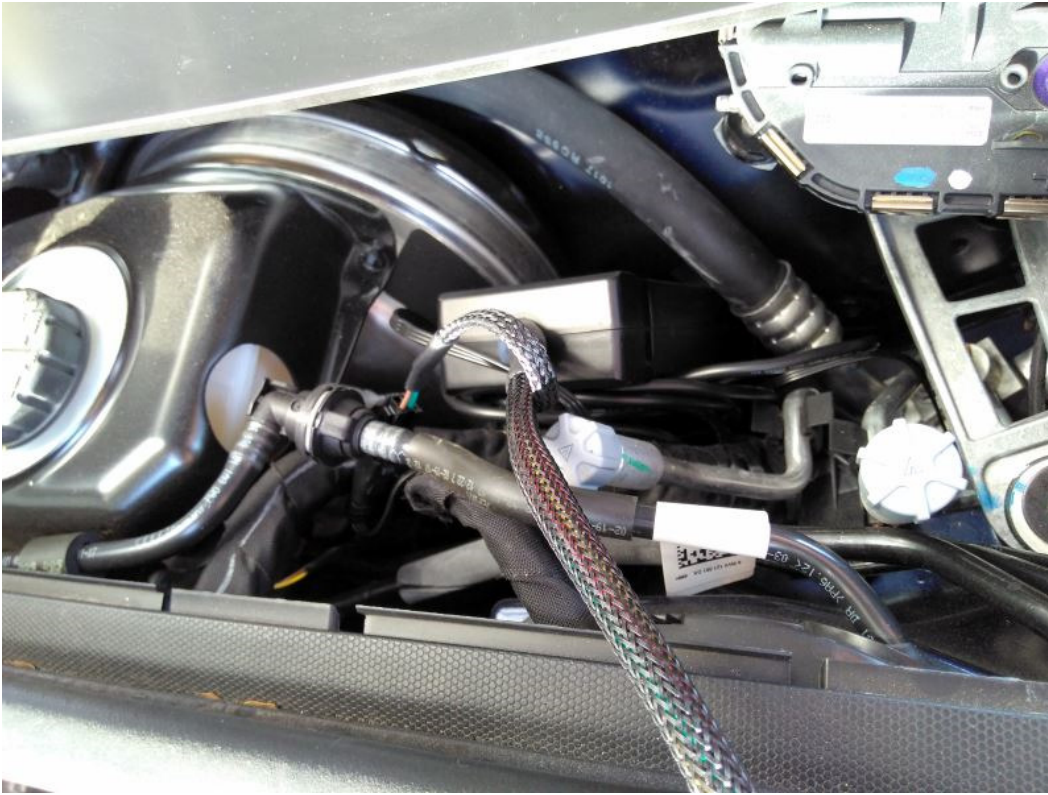
Fuel Pressure: Green/black patch on JB4 harness. This connection is optional and the connector on the fuel pressure sensor can be tricky to release. During development we found the easiest way was to use a longer screwdriver to apply pressure to the base of the connector while pressing the clip in. This connection will come in to play if you plan to mix in E85 fuels. If not planning to use E85 you can skip it at least initially.



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 under the driver seat 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 jamb (quick and easy). To route through the firewall you will use a scissors to cut the cap off 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.



Place the JB4 control box next to the brake booster as shown.



Installation is complete! The JB4 comes preset to Map1. Using a BMS DATA cable or JB4 Mobile adapter you can adjust maps, datalog, and perform updates. Contact us directly for any additional information.