



BMS Audi S6/7/8 RS6/7 4.0TFSI BETA Install Guide

Last Updated: 3/13/2019

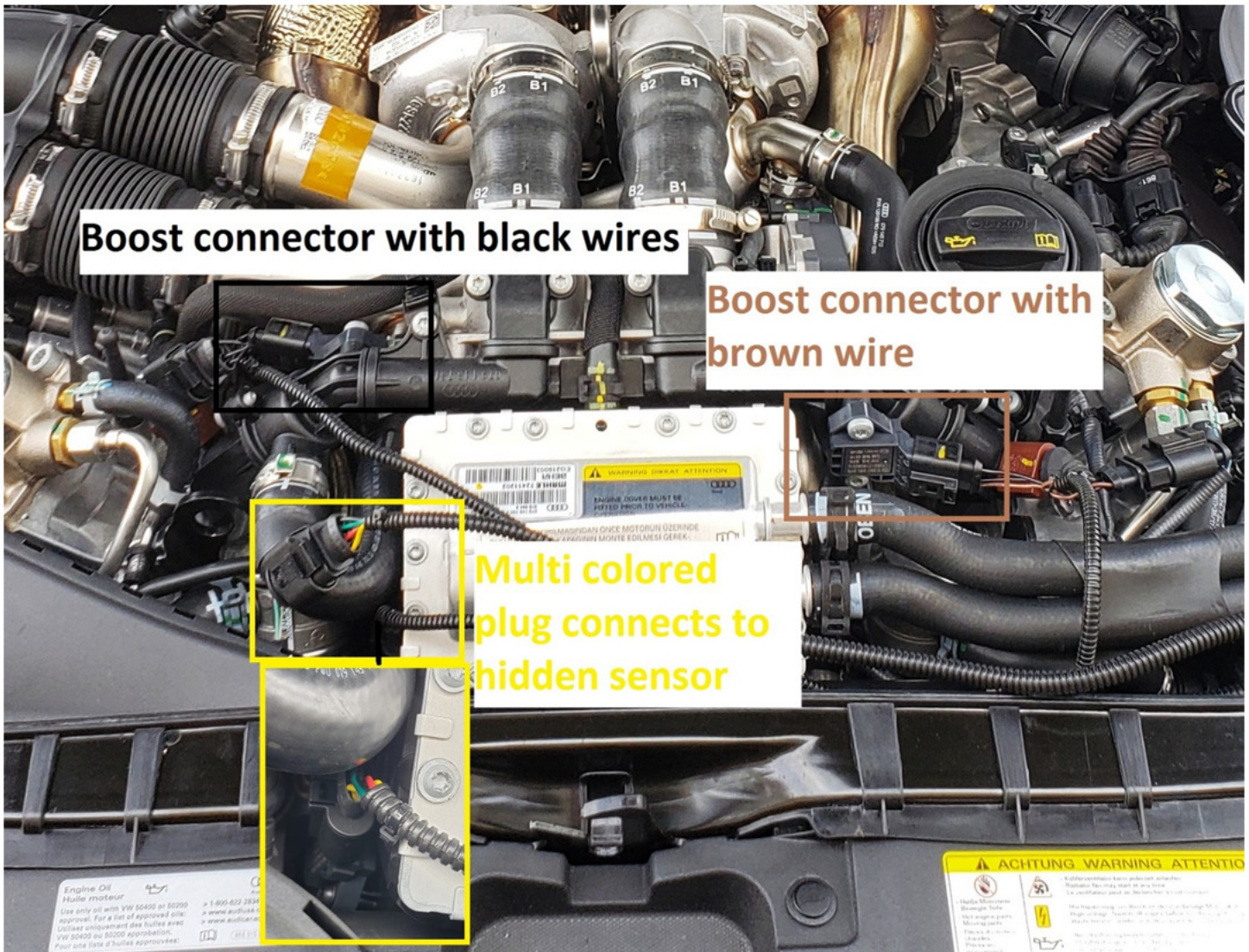
<http://www.burgertuning.com/terms.html>

THIS PART IS LEGAL FOR USE ONLY IN COMPETITION RACING VEHICLES AS DEFINED UNDER CALIFORNIA LAW, AND IS NOT LEGAL FOR USE IN ANY OTHER MOTOR VEHICLE. California law defines a "racing vehicle" as "a competition vehicle not used on public highways." (Calif. Health & Safety Code 39048) This part may only be used on competition racing vehicles operated exclusively on a closed course in conjunction with a sanctioned racing event. Competition-only motor vehicles may not be driven to a racing event on a public highway and must be transported on a trailer or other carrier. USE OF THIS PART IN ANY OTHER VEHICLE MAY SUBJECT YOU TO FINES AND PENALTIES FOR VIOLATION OF FEDERAL AND/OR STATE LAW, WILL VOID YOUR WARRANTY FROM BURGER MOTORSPORTS, INC, AND CAN VOID YOUR VEHICLE'S WARRANTY. It is your responsibility to comply with all applicable federal and state laws relating to use of this part, and Burger Motorsports, INC hereby disclaims any liability resulting from the failure to use this part in compliance with all applicable federal and state laws.



Plug location overview:

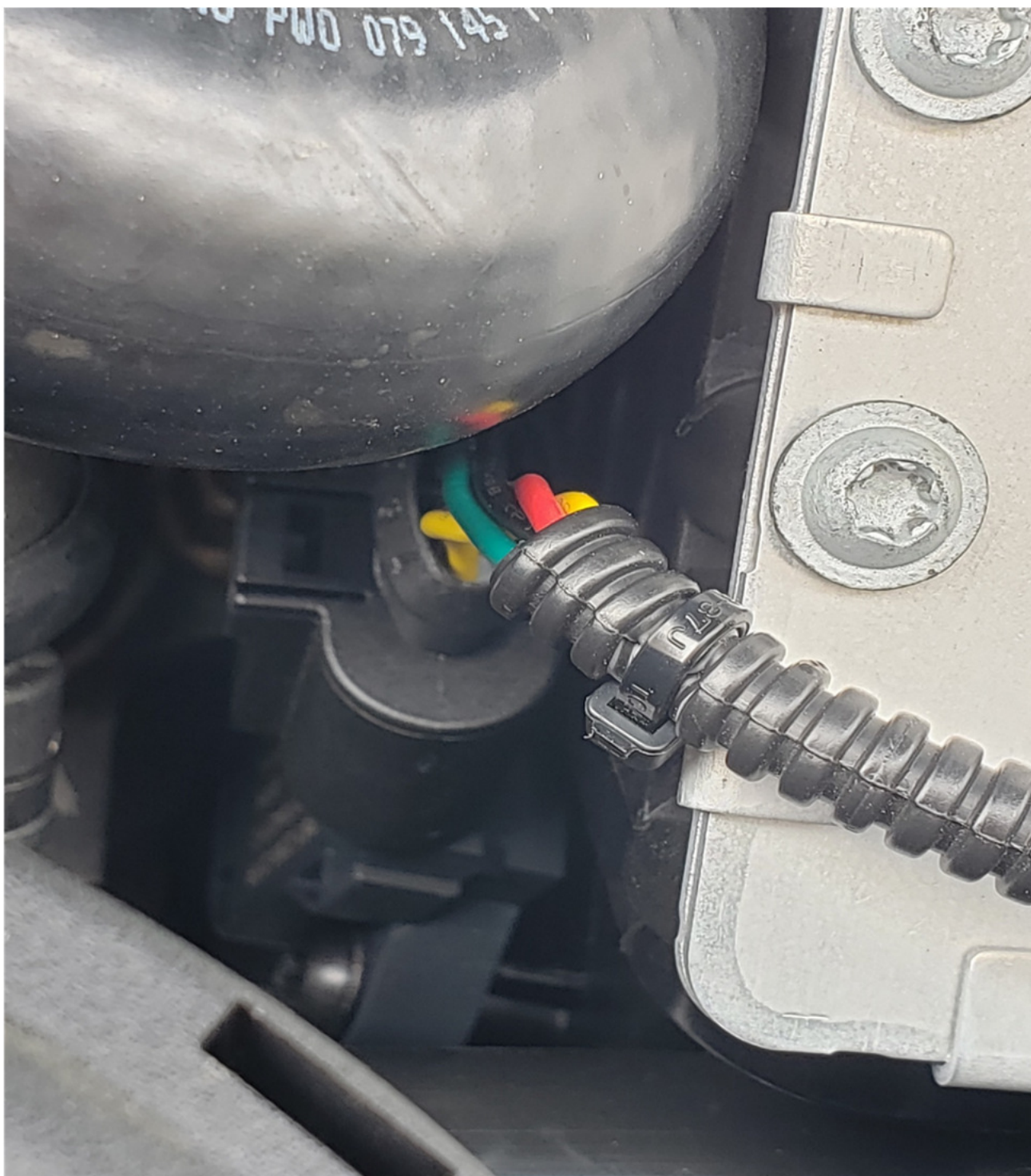
You will need to remove the top engine cover by lifting it.



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.

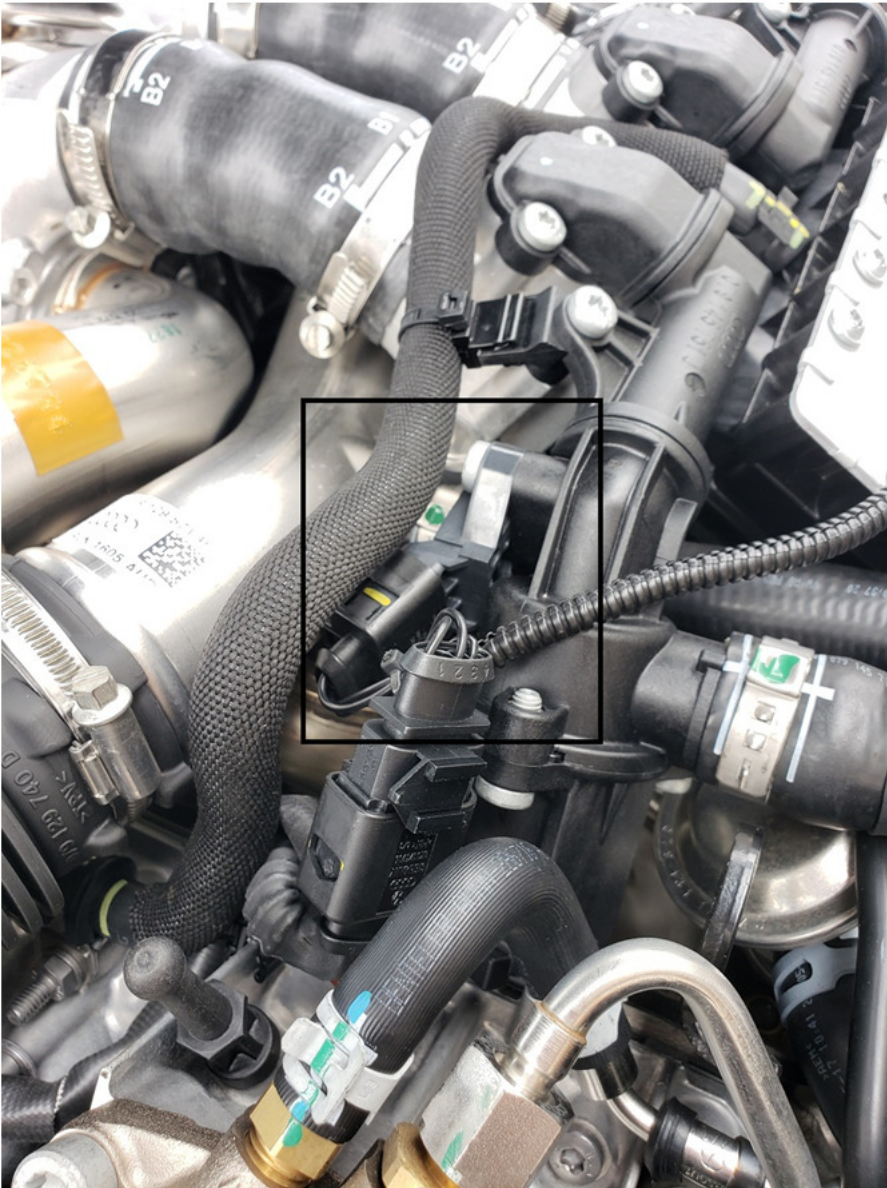
TMAP: Multicoloured wires on plug. Unplug the factory connection, plug the JB4 harness in to the sensor, and plug the factory connection in to the JB4 connector, completing the loop.



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. (sensor is on oil filler side)



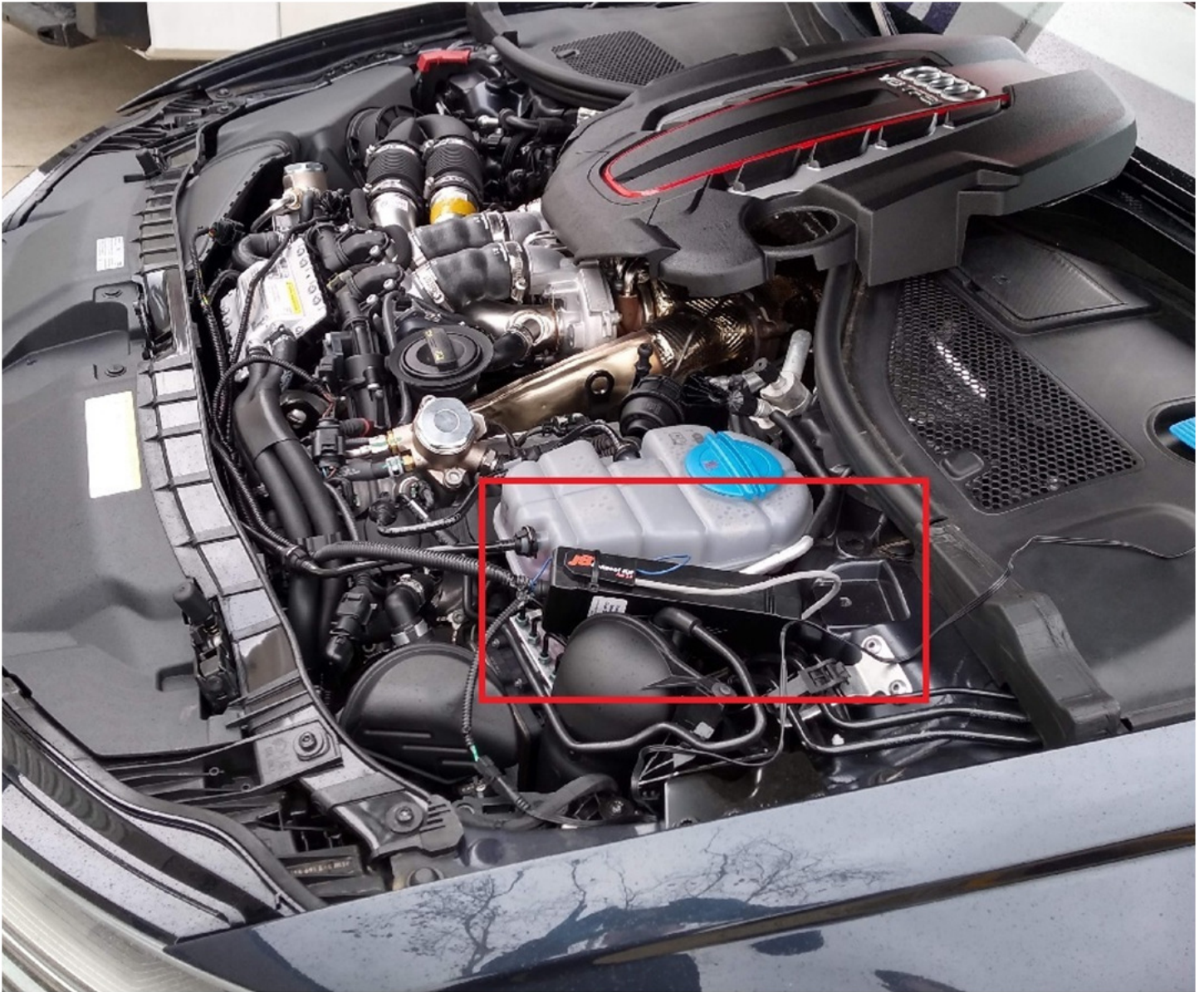
Boost pressure: This is the final sensor connection with only black wires on the plug. (sensor is furthest left as you look at engine). Unplug the factory connection, plug the JB4 harness in to the sensor, and plug the factory connection in to the JB4 connector, completing the loop. Note this connection might also have Brown wires. Both brown wire connections are interchangeable.



OBDII CANBUS: Extra wire that plugs in to JB4 harness small black connector near box with the green and brown wire. This 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 drivers side and is routed to the engine bay by going through a grommet in the firewall (routing is still to be decided) or routing around the outside of the door jamb (quick and easy).



Place the JB4 control box next to the water bottle. It can be cable tied.



The optional JB4 Mobile adapter connects straight onto the JB4 circuit board by opening the enclosure. Review the video here for detailed directions on connection:

<https://www.youtube.com/watch?v=Q6NvtltTrUg>

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 for any additional information or visit <https://www.n54tech.com/forums/showthread.php?t=56622>