

## **BMS N63 Stage2 Upgrade & Install Guide**

Use subject to terms and conditions posted at [www.burgertuning.com/terms](http://www.burgertuning.com/terms)

Always remove your negative battery cable before working on vehicle electronics

### **Wiring Quick Reference:**

Purple Male: JB 19 to Black Pos 45 (OEM wire is yellow/white)

Purple Female: JB 1 to Black Pos 45

Green Male: JB 20 to Gray Pos 44 (OEM wire is yellow/white)

Green Female: JB 21 to Gray Pos 44

Brown Male: JB 11 To Black 49 (OEM wire is yellow/blue)

Brown Female: JB 23 To Black 49

Black Male: JB 10 To Gray 40 (OEM wire is yellow/white)

Black Female: JB 22 To Gray 40

### **Harness Upgrade Directions:**

If performing an upgrade the first step is to add the new Stage2 wires to the JB harness. This is generally done with the tune removed from the vehicle on a workbench.

Using a small screwdriver remove the black AMP shell from the DB25 connector.





Using a scissors carefully cut off and remove the rubber stopper at the base of the connector. This will allow room for more wires to be added.



Next insert the wires according to the quick reference on the first page. Note that once inserted a pin can only be removed with a DSUB removal tool (from Radio Shack, Fry's electronics, etc) so be careful not to insert a pin in the wrong position.



Finally reinstall the AMP connector you removed in the first step. Use a zip tie to secure the wires at the base of the harness.



Reconnect the new S2 control box to the harness. The tune is now ready to be reinstalled in the vehicle.

As part of the upgrade kit conditions your old S1 control box must be returned to BMS. Our address is:

BMS Core Returns, 2235 1st St Suite 122, Simi Valley, CA, 93065



For installation the tune will be routed to the passenger side of the engine bay under this plastic cover.



Connect the boost pressure sensors as outlined in the Stage1 install guide.

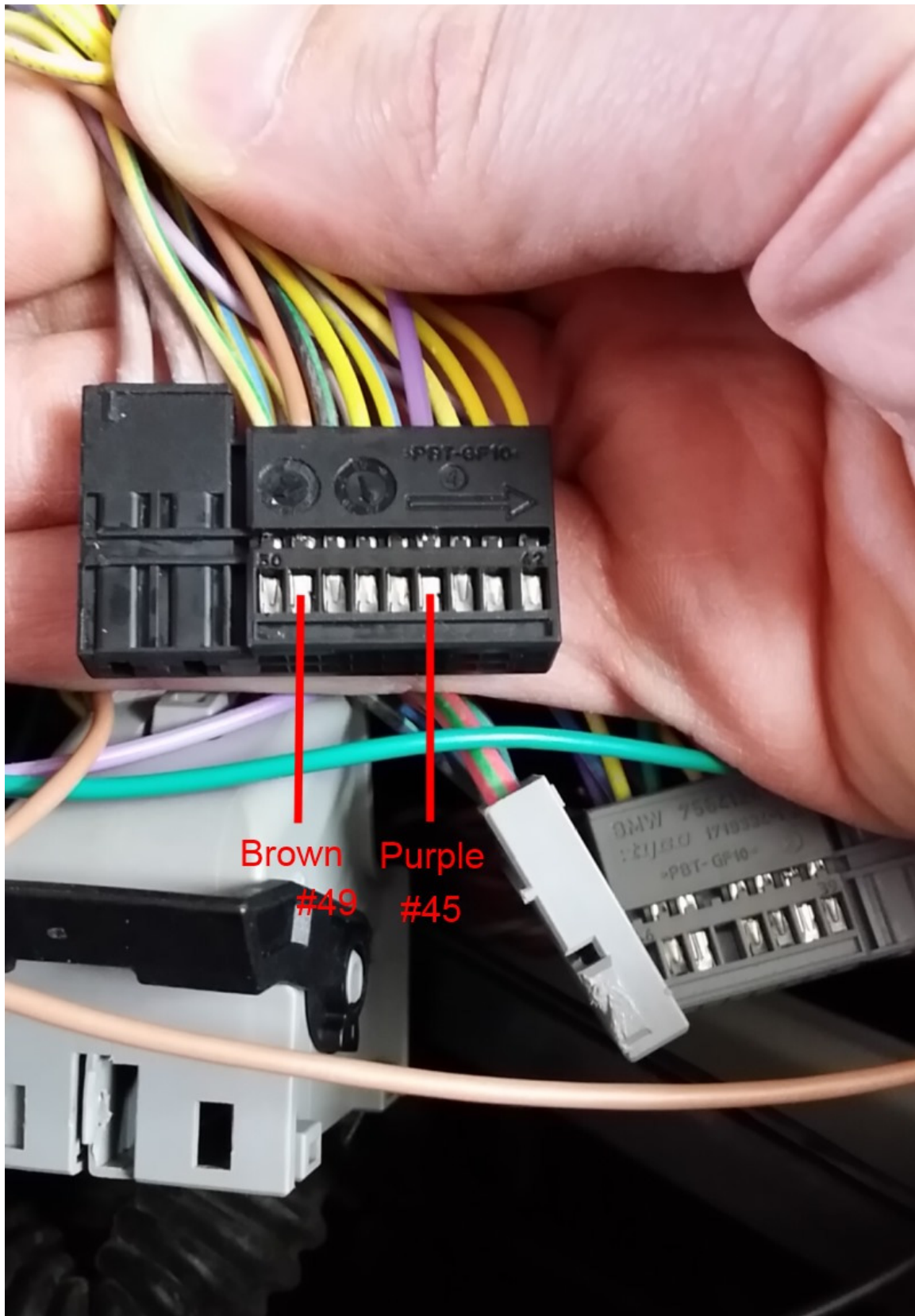
Next remove the DME cover and route the wire bundle to the DME. Refer to the installation video for directions on taking apart the DME connectors.

Refer to the photos below and the quick reference on the first page for the actual wire positions.

Reinstall the DME subconnectors, reconnect to the DME, route the wire bundle out the bottom of the DME cover, and reattach the cover.

Installation is complete.

## Black Subconnector



Gray Subconnector

