

## JB4 for 2020-2023 BMW M550i G30 (N63B44T3 / N63TU3) Install Guide

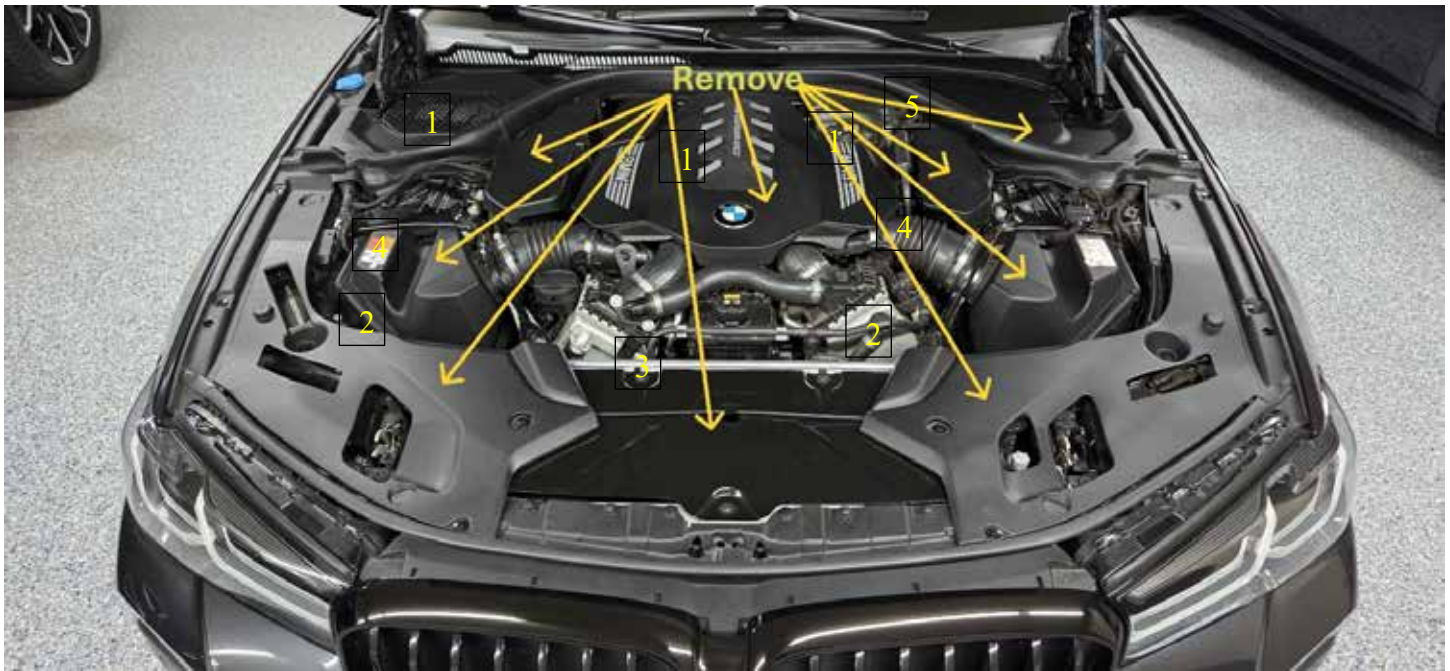
Last updated (JD) 7/27/2026 Guide and Photos courtesy of Michael Head

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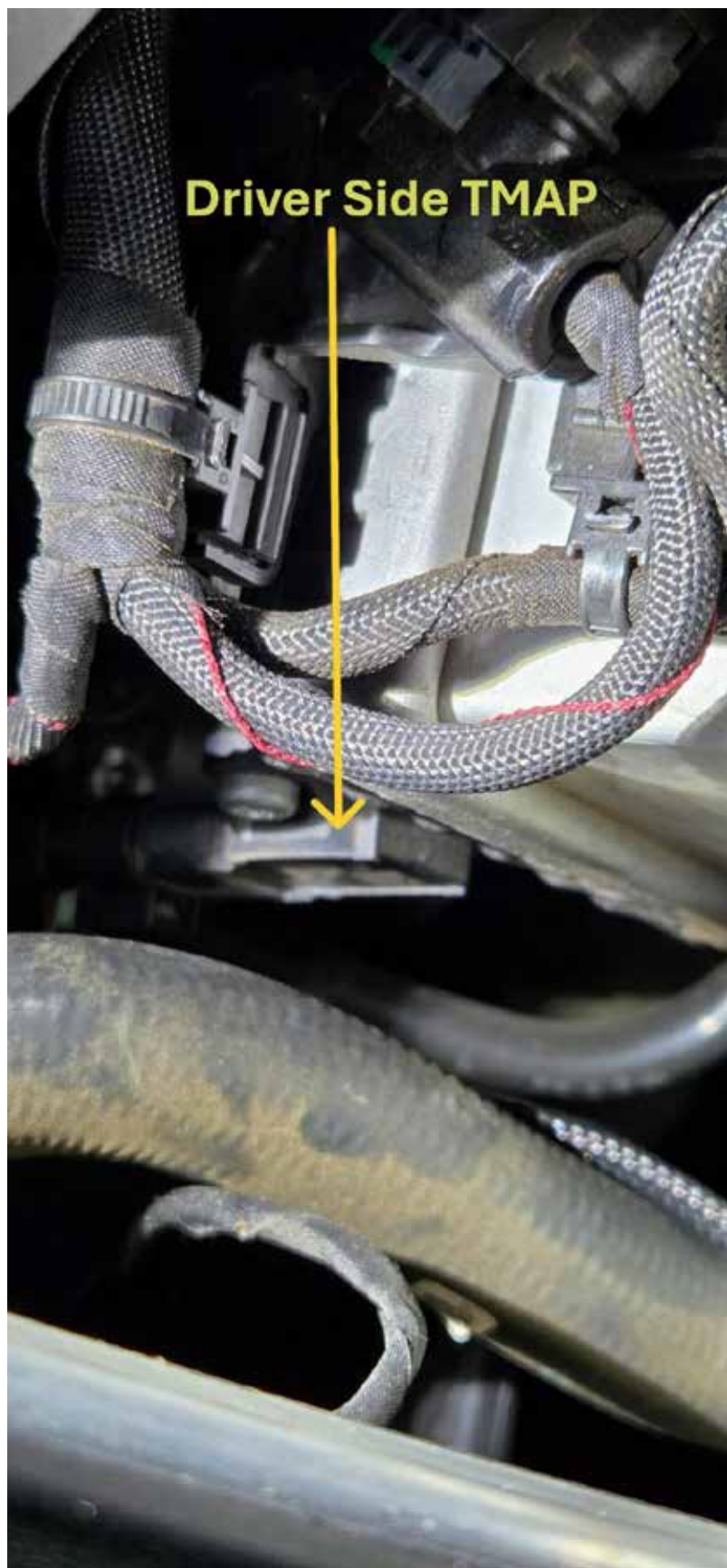
**⚠ ATTENTION:** Before starting installation lock the doors and place the key at least 20 feet away from the vehicle. Wait 10 minutes for the vehicle to go to sleep or disconnect battery.



1. Remove both DME covers and main engine cover
2. Remove passenger and driver cover panels
3. Remove center panel (T25)
4. Remove both airboxes (T20), allows better access to the TMAP sensors
  - a. Once top side of air box removed, remove the bottom portion also (TMAP access)
5. Remove Drivers side brake reservoir cover (module location and OBDII access)



Same steps as above, use if necessary.



**Drivers side TMAP Sensor** is on the right side of the turbo when looking into the engine compartment. Remove the stock plug and place the JB4 plug into the sensor. Click the original plug into the JB4 harness



**Passenger TMAP sensor** is on the front of the Turbo. The plug is removed by pinching or prying the black clip upward and pulling release the plug. Remove the stock plug and place the JB4 plug into the sensor. Click the original plug into the JB4 harness



JB4 control module location.



### **CANbus/OBDII connector: Green/Brown wires on JB4**

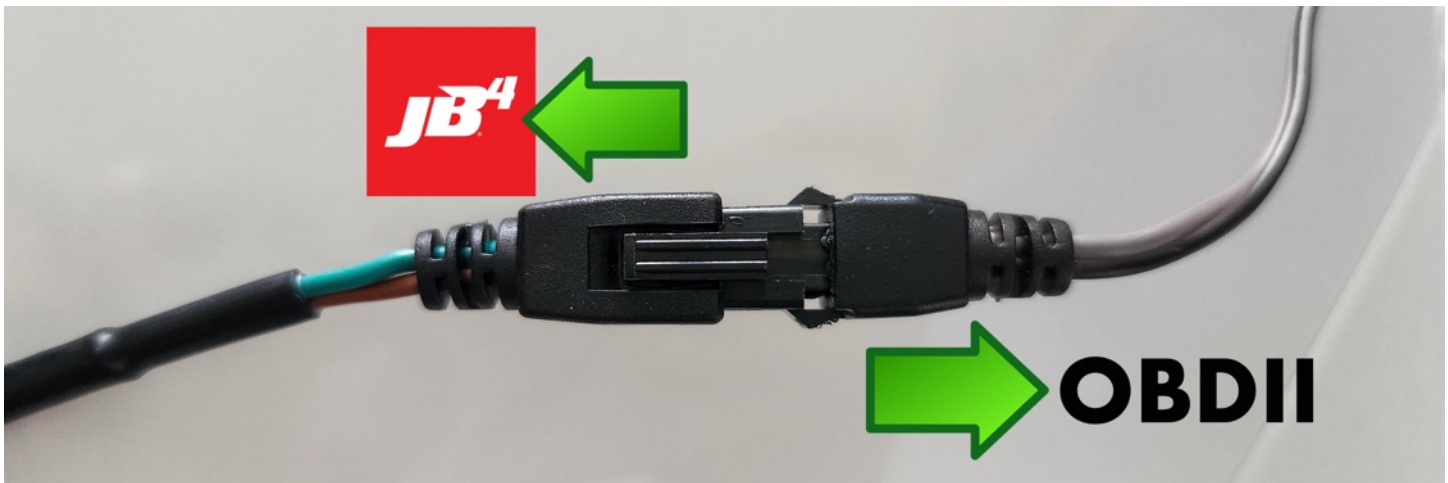
The vehicle can now be unlocked, and doors opened as OBDII can be installed and connected with vehicle awake. Connecting the optional OBDII cable enables advanced JB4 features such as code reading/clearing, advanced tuning features such as warm-up protection, additional data for datalogging, and more. The JB4 does not require this connection to add performance, but it is recommended.



**2 Position Connector (V2)**

The easiest way to route to the engine bay is around the door jamb. Alternatively, it can be run through the firewall into the pedal area if there are any unused grommets.

Next plug OBDII into JB4 harness, note correct clip over notch orientation. If no data appears in JB4 app once connected an issue with the OBDII connection is usually the culprit.



Look for the felt cover just above the main wire harness – the center section will tear away when pulling the OBDII harness through the firewall – its perforated, so will not be damaged by the pull through



Bluetooth comes preinstalled now but if you ever need to access it manually this is how it attaches. For those equipped with the optional JB4PRO adapter and the FREE JB4PRO app, connect adapter as shown.

1) Open the JB4 enclosure by loosening the (4) 2.5mm Allen hex bolts and separate each half.



2) Plug the adapter into the end of the JB4 board and ensure its fully pushed in before inserting and tightening the 2 included Phillips head screws. **NOTE:** PUSH THE ADAPTER ON FIRST, THEN ADD SCREWS. ADAPTER MUST BE FULLY SEATED WITH NO THREAD SHOWING.



3) Place the JB4 in the enclosure bottom ensuring its aligned and fully flush with the alignment tabs.



4) Carefully place the top half of the enclosure. When properly aligned it will sit fully flush with the bottom half. If it's not flush, adjust the board position internally. Tightening down the screws when the board is not properly aligned may damage the JB4 control board.

5) For those with the JB4 PRO adapter put back in the bottom hole plug. Retighten the (4) 2.5mm Allen hex bolts.

**JB4PRO App (FREE) can be downloaded here.**

App Store (iOS): <https://apps.apple.com/us/app/jb4-pro/id6746129072>

Play Store (Android): <https://play.google.com/store/apps/details?id=com.burgertuning.jb4pro>

Installation is complete! The JB4 comes preset to map1 which is suitable for all 91+ octane fuel. Refer to the map guide within the app or the JB4tech.com JB4 support thread for the platform for the full map guide.

