

2022+ Ford Maverick Lobo / Tremor 2.0L I4 EcoBoost® JB4 Install Guide

Last Updated: 3/2/2026

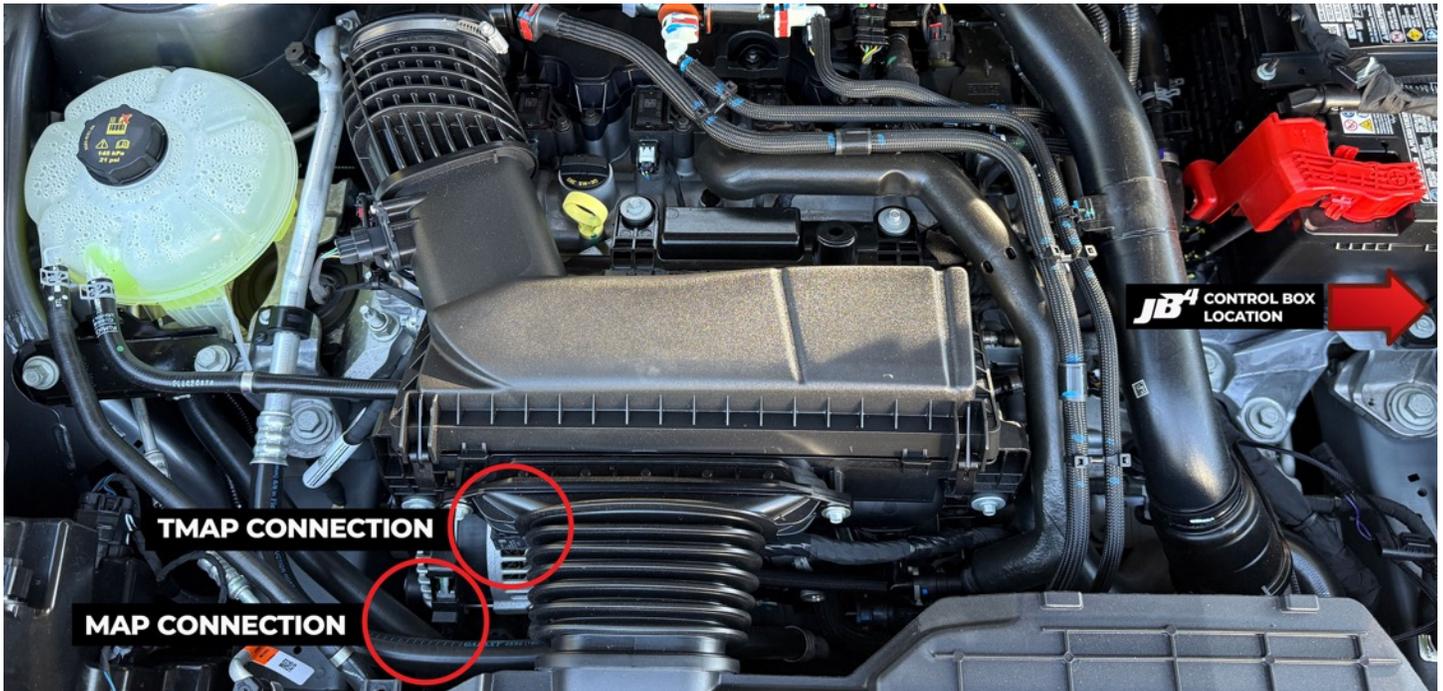
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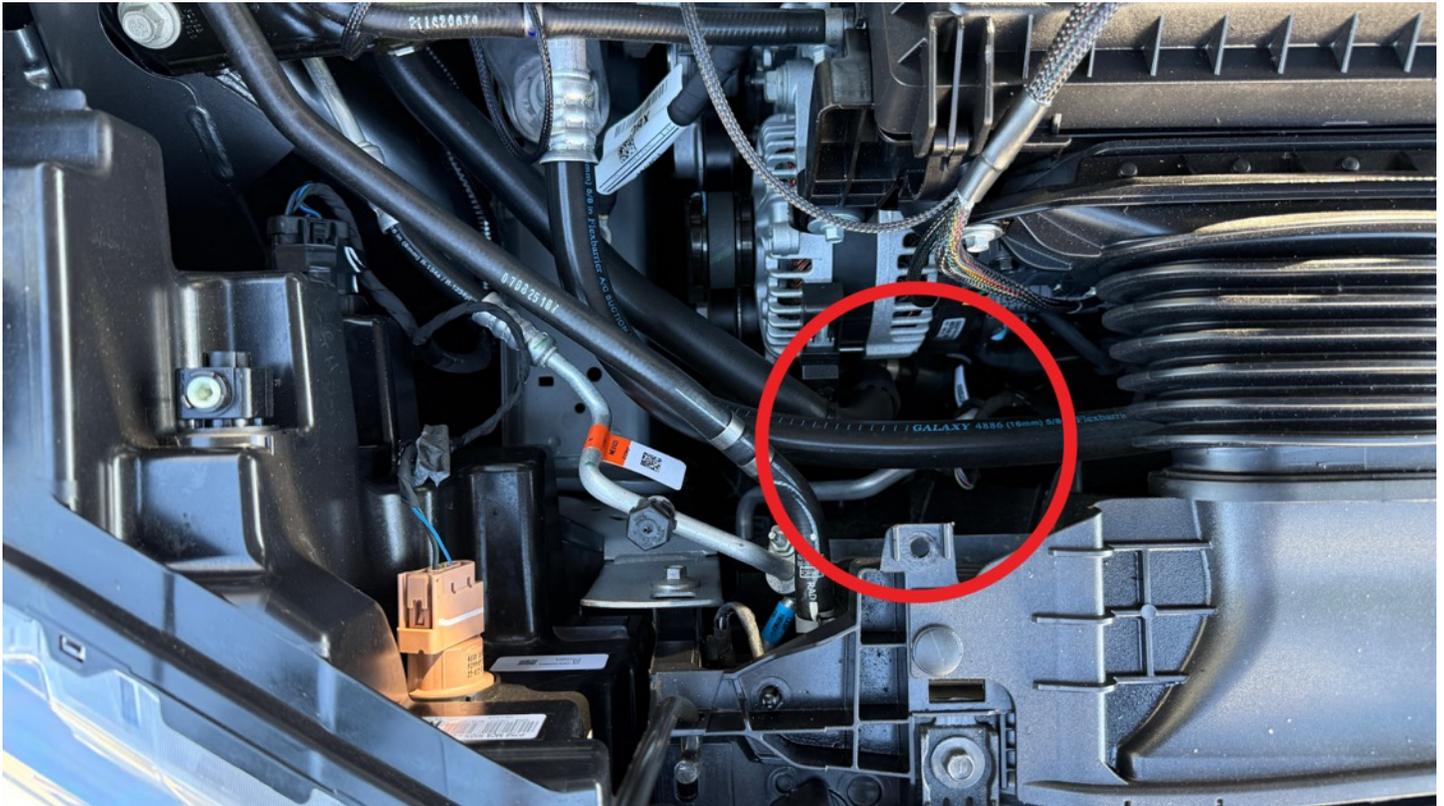


⚠ ATTENTION: Before starting installation lock the doors and place the key at least 20 feet away from the vehicle. Wait 10 minutes for the vehicle to go to sleep or disconnect battery.

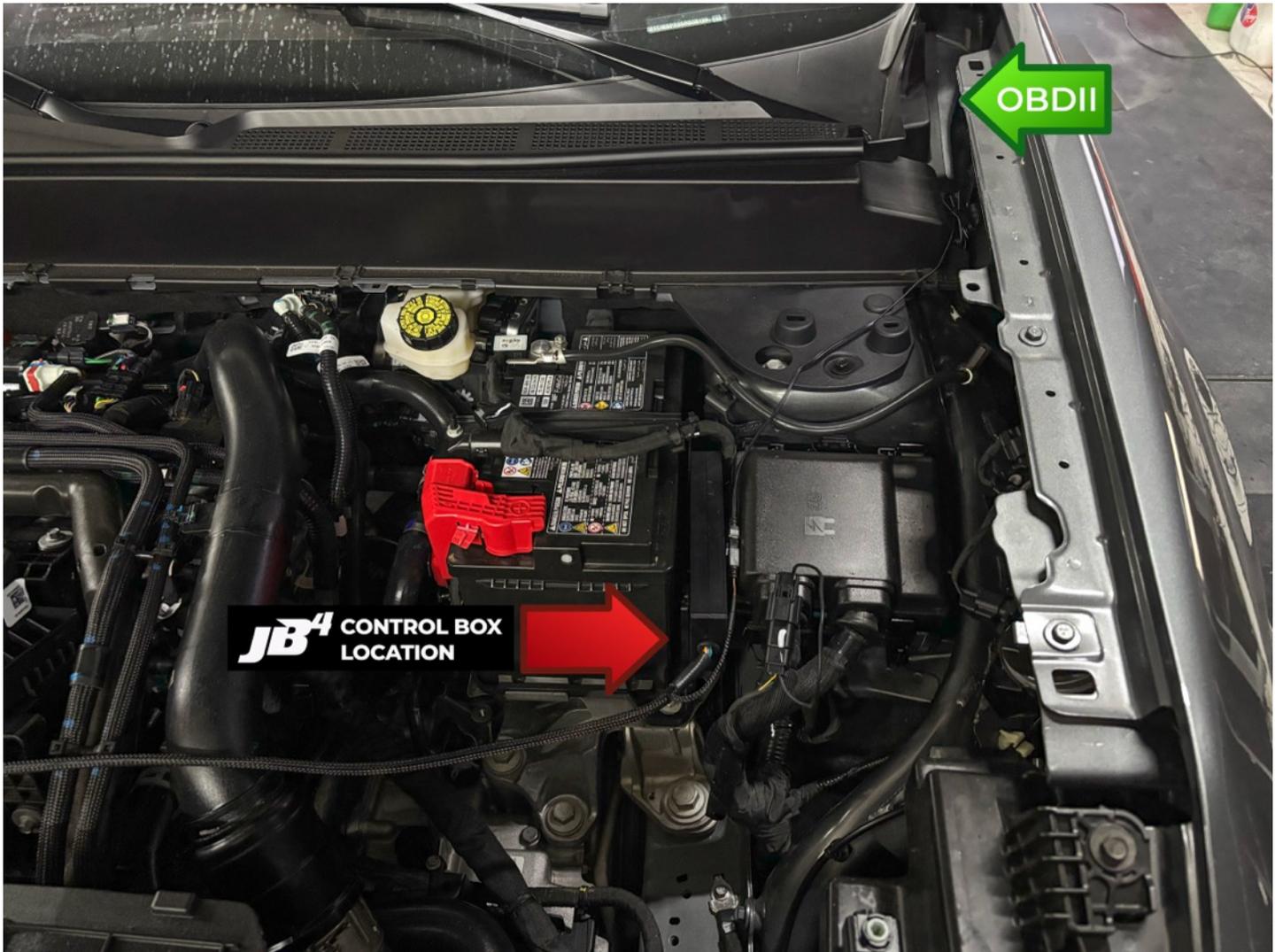
The JB4 harness has two similar looking connectors on it. The TMAP connector with the yellow, red, green, and black wires goes on the connector directly below the intake on the left side of the motor.



The MAP connector with the brown and black color wires goes on the connector by the intercooler between the engine and the radiator on the lower left side of the motor.



Route the JB4 to the driver side and place it out of the way. If desired it can be zip-tied in place.



CANbus/OBDII connector: Green/Brown wires on JB4

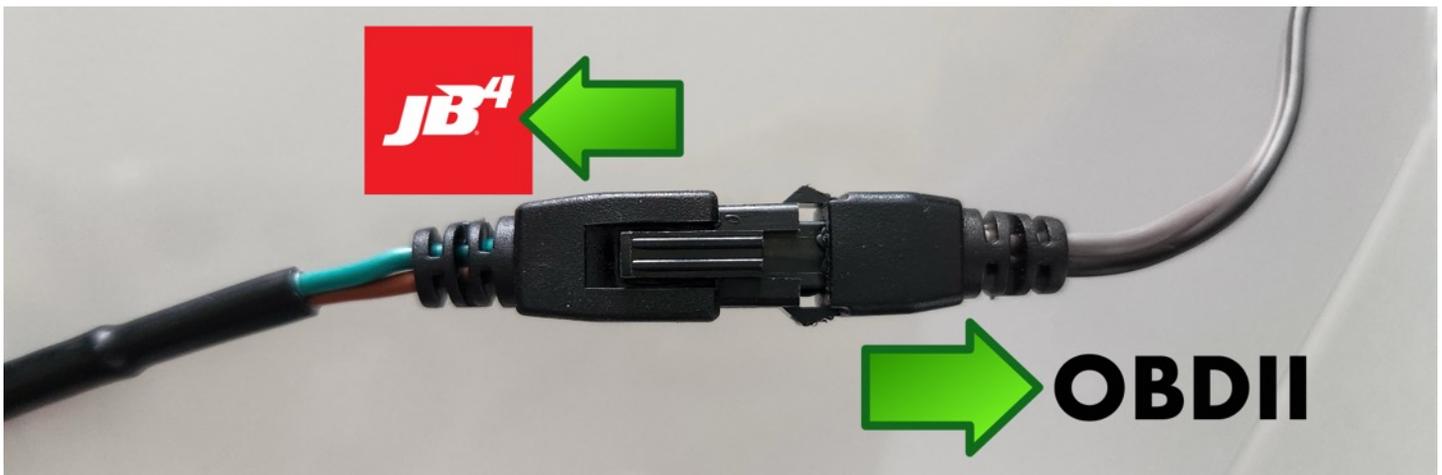
Vehicle can now be unlocked, and doors opened as OBDII can be installed/connected with the vehicle awake. This optional connector attaches to the OBDII port to allowing the JB4 to take in additional advanced engine parameters to incorporate in to tuning and logging via the app.



2 Position Connector (V2)



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.



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.





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>

JB4 MOBILE App (PAID) can be downloaded here.

App Store (iOS): <https://apps.apple.com/us/app/jb4-mobile/id794841332>

Play Store (Android): https://play.google.com/store/apps/details?id=com.dmacpro91.jb4_mobile