

Jeep Compass 2.0L JB4 Tuner Install Guide

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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.

Remove the intake airbox by loosening these connections and hose clamps.



Now detach the vacuum line from the fitting and O2 sensor line from the plastic clamp and pull the airbox upward to remove.



Now with the intake removed, remove this bracket by removing the two bolts a one nut.



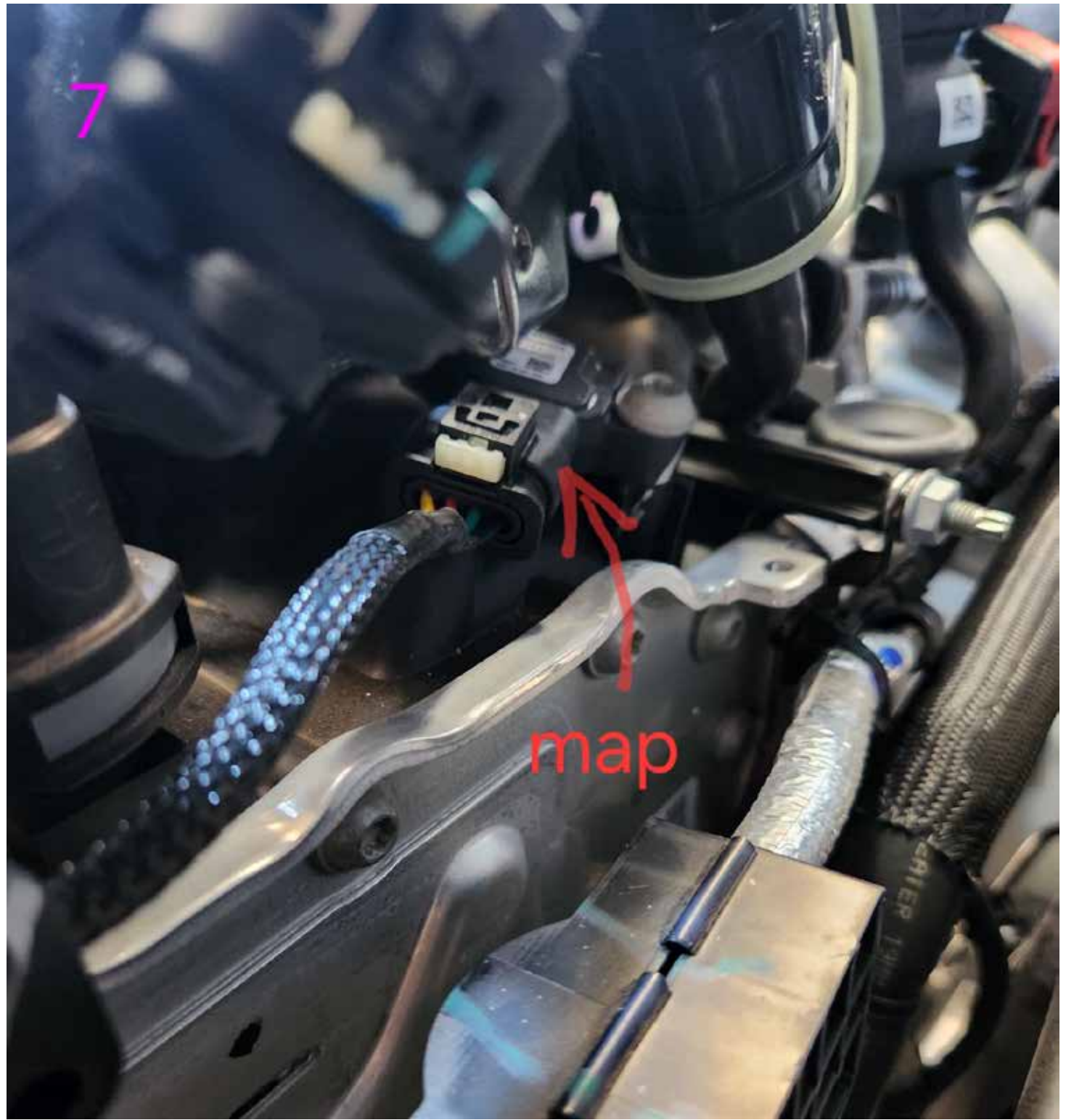
Remove these two nuts and remove the plastic cover to gain access to the MAP sensor.



Plug the wires from the JB4 into both sensors as shown.



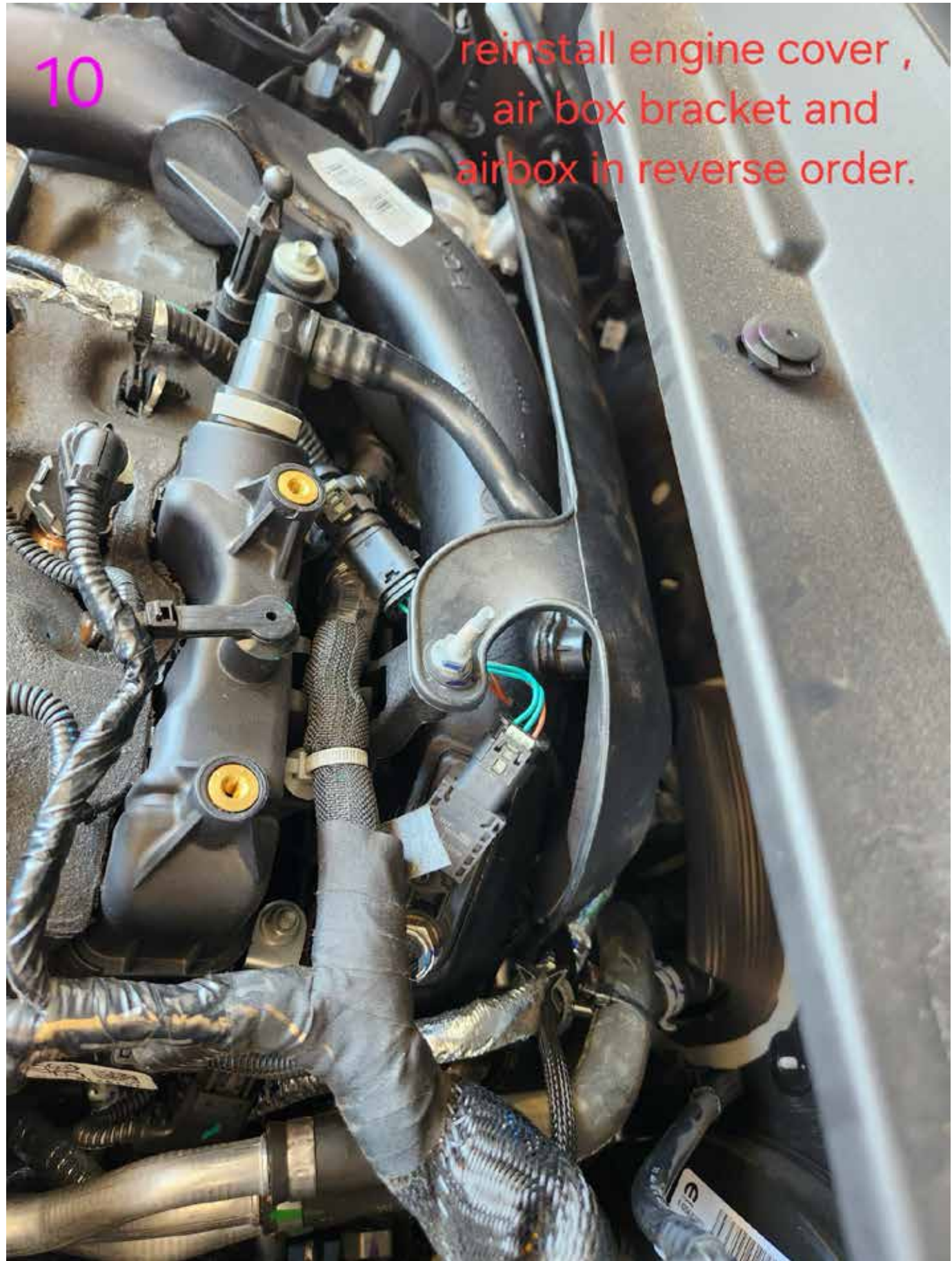
Map sensor from a different view.





10

reinstall engine cover ,
air box bracket and
airbox in reverse order.



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.

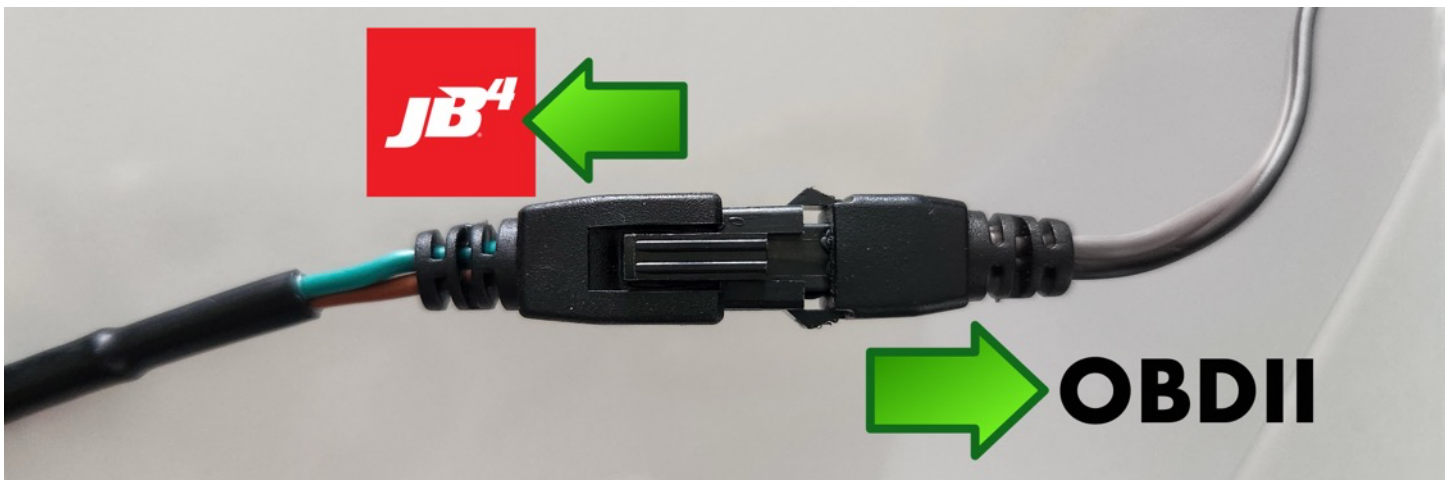


2 Position Connector (V2)



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.



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>

The JB4 comes preset to Map 1.

