

JB4 Tuner for 2021+ Ford Bronco 2.3L Install Guide

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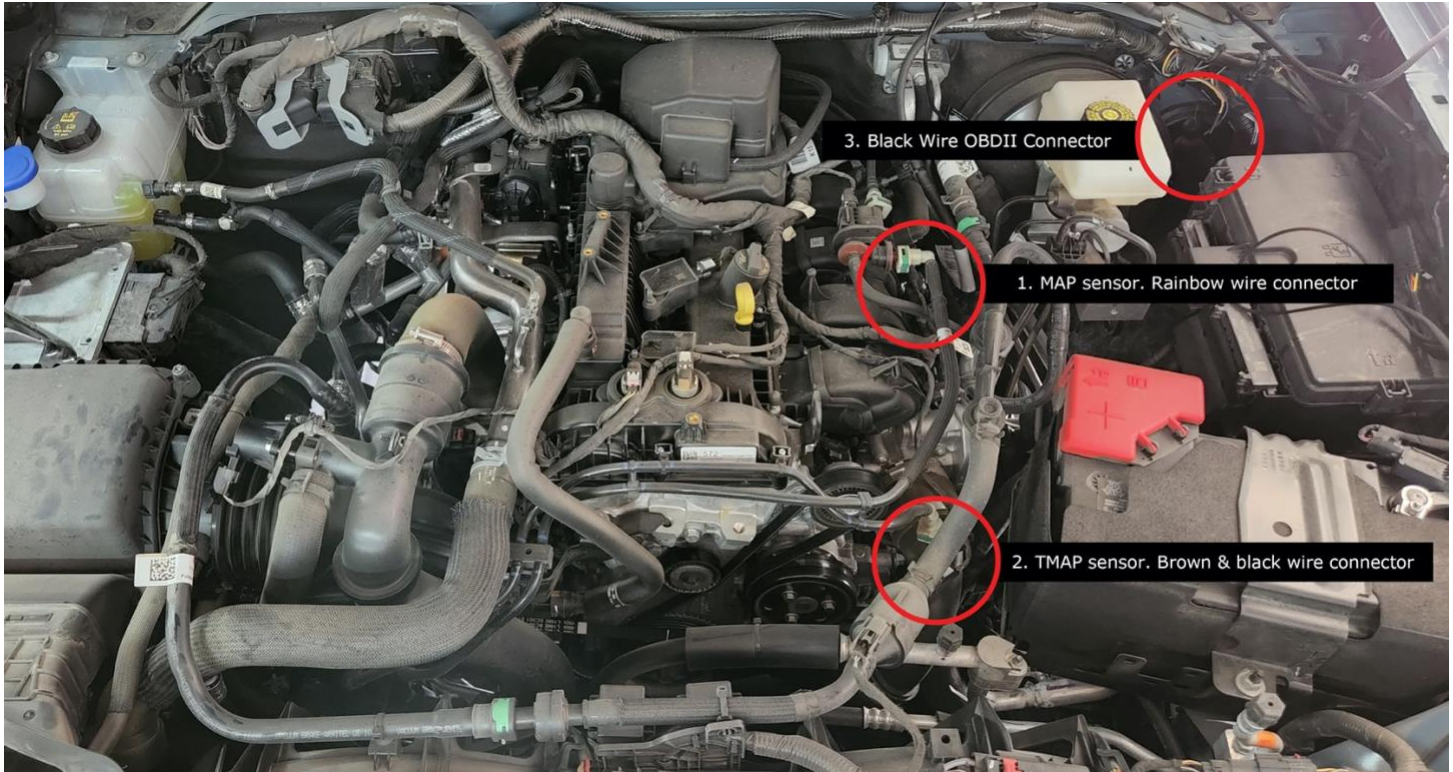
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Open the hood, lock the doors, place your key far enough from the car not to wake it up, and wait 5 min for the vehicles computer to go to sleep. There are 3 JB4 connections for the 2.3L Bronco. The JB4 harness has two similar looking connectors on it. The one with the brown colored wires will attach to the TMAP sensor in the front of the engine, while the one with the rainbow wires will attach to the MAP sensor on the side of the intake manifold.

The factory connectors will need to be unplugged and the JB4 connectors plugged in, then the factory connector plugged into the other JB4 connection. No connections should be left unplugged.

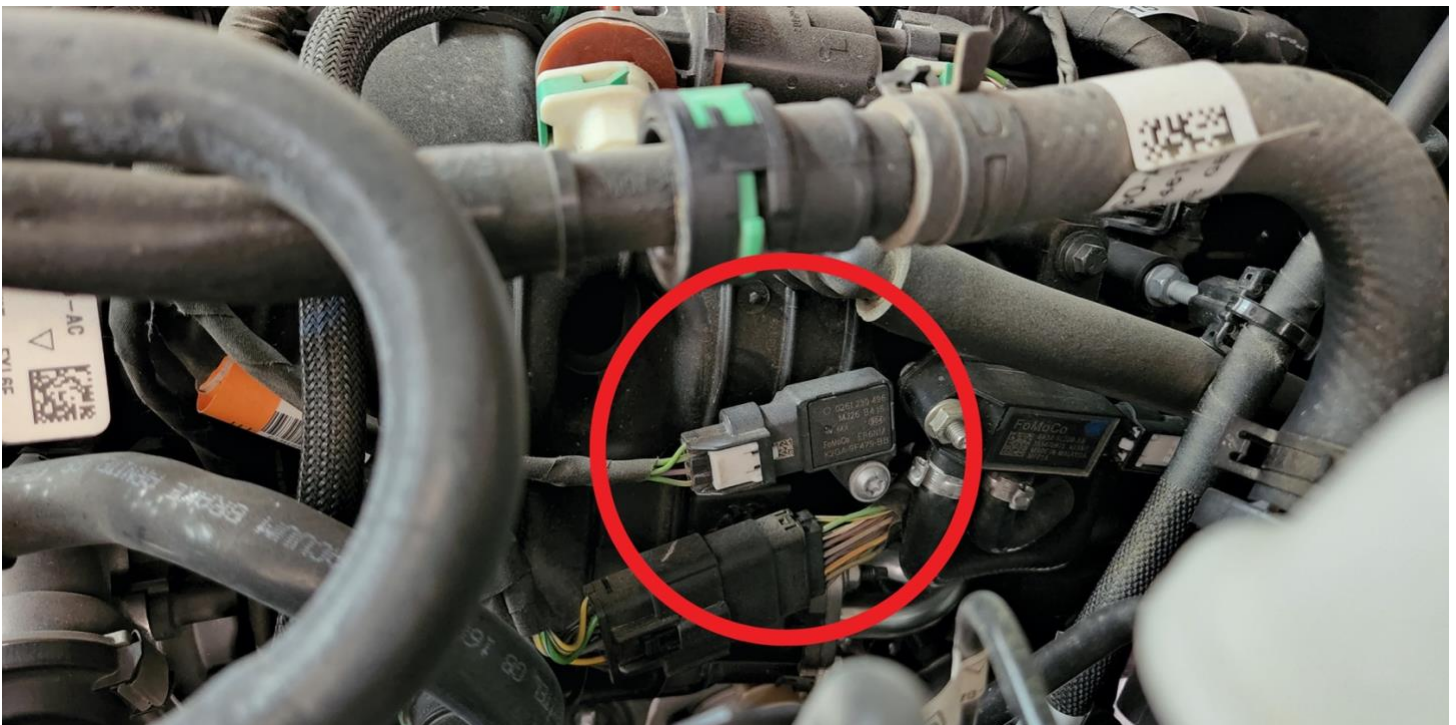
1. The MAP sensor on the intake manifold.
2. The TMAP sensor on the charge pipe.
3. The OBDII connector.



TMAP sensor: Located on the charge pipe on the front of the engine next to the battery. Slide the white clip back and pinch, then pull the connector off to remove. Plug the brown and black JB4 wires in here. Then plug the plug from the car into the JB4 wire.

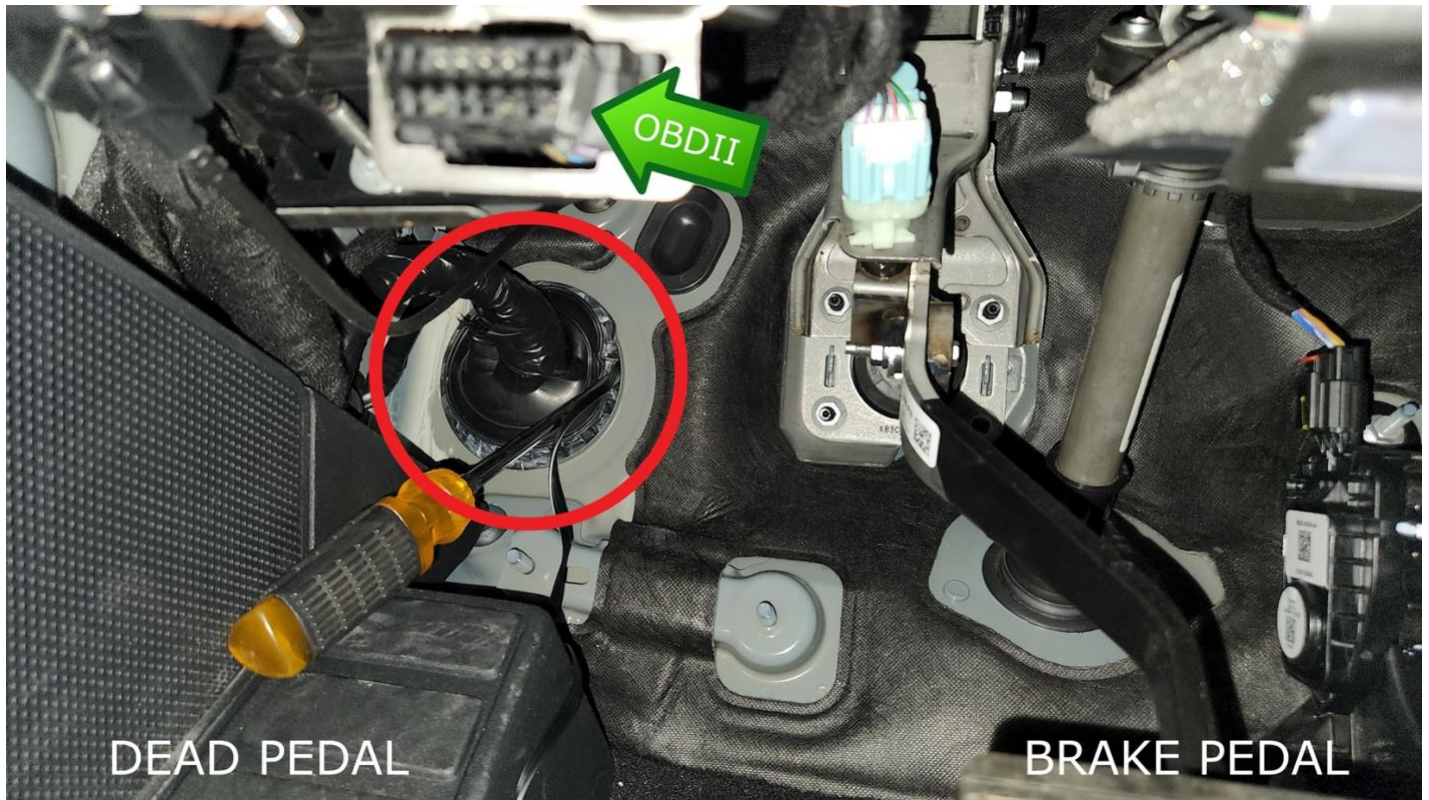


MAP sensor: Slide the white clip back and pinch, then pull the connector off to remove. Plug the rainbow colored JB4 wires in here. Then plug the plug from the car into the JB4 wire.



CANbus/OBDII connector: green/brown wires on JB4

Under the driver's side dashboard above the dead pedal use a screwdriver to push this soft grommet over and push the small Molex connector through the firewall into the engine compartment. Connect the Molex connector to the JB4 and plug the OBDII connector into the OBDII port under the dash. (Next page)





Plug the OBDII wire in to the JB4 green/brown pair connector. If you're able to connect to the JB4 with the app but only see boost and map data, but no other data, then likely the OBDII cable is misaligned, loose, or damaged. 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.



If you've purchased the optional JB4 mobile adapter or the wired connection open the enclosure and plug the adapter into the JB4 board directly as shown. When closing the enclosure ensure the control board is properly lined up and only tighten down screws once the case closes smoothly to avoid damaging the JB4 board.

JB4 Connect Kit (Pinned Power) Install Guide

1) Open the JB4 enclosure.



2) Install the DB9 connector and ensure both screws are secure.

