

## 2022+ Nissan Rogue 1.5T JB4 Install Guide

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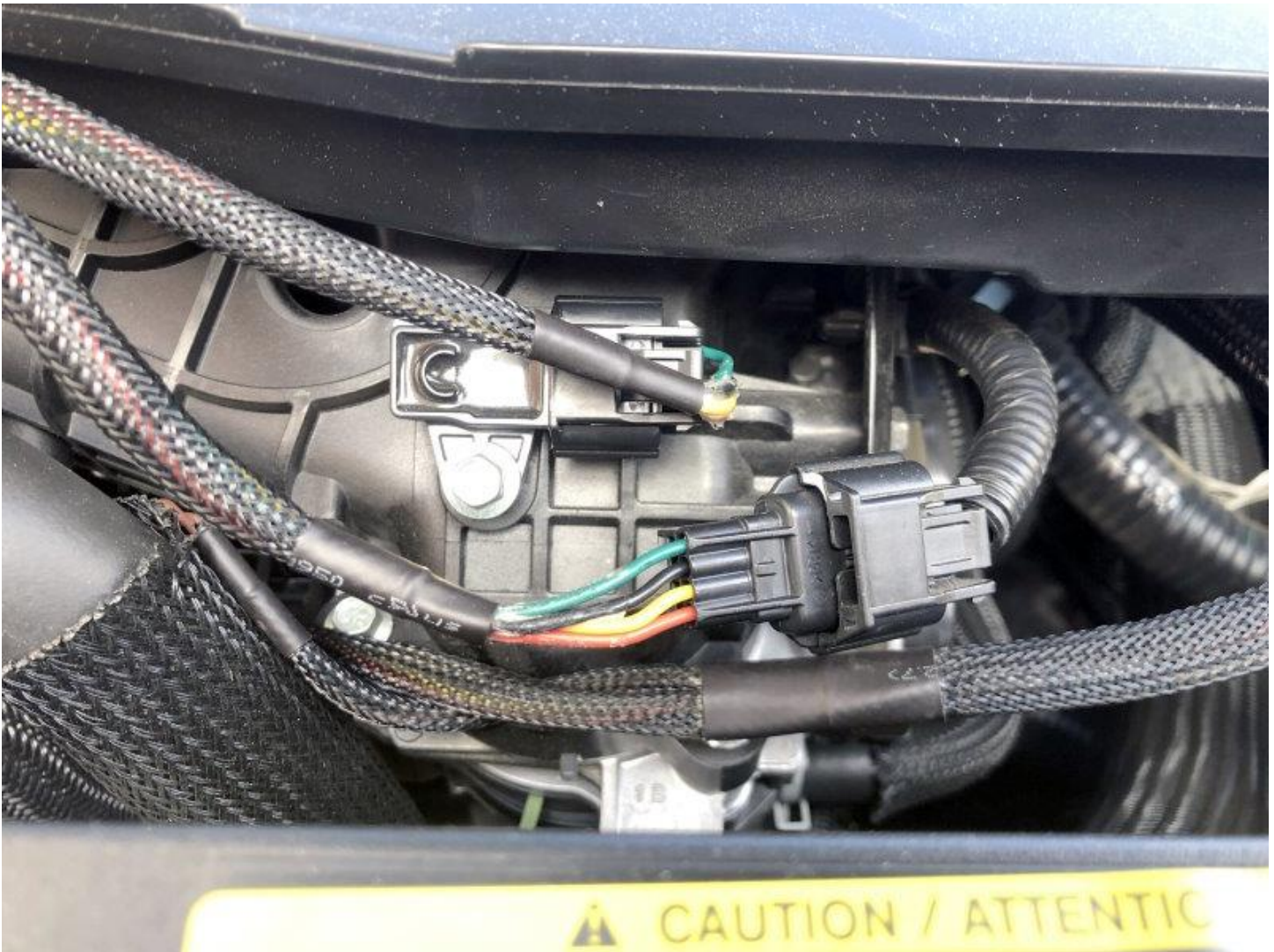


OPTIONAL JB4 APP SHOWN

**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.**

The JB4 will connect to 2 points under the engine bay. The MAP sensor on the manifold (red/yellow JB4 plug) and the MAP sensor on the chargepipe (brown JB4 plug).

Attach the JB4 connection with yellow/red wires to the manifold sensor as shown





Attach the JB4 MAP connection with brown wires to the chargepipe sensor as shown. Note photo below was from an alpha JB4 that had red/white wires. Production systems are identified by brown wires.



If you've opted for the optional JB4 mobile adapter for smartphone integration and it's not already installed attach that to the JB4 at this time. Open the enclosure and screw it in to the JB4 control board as shown.

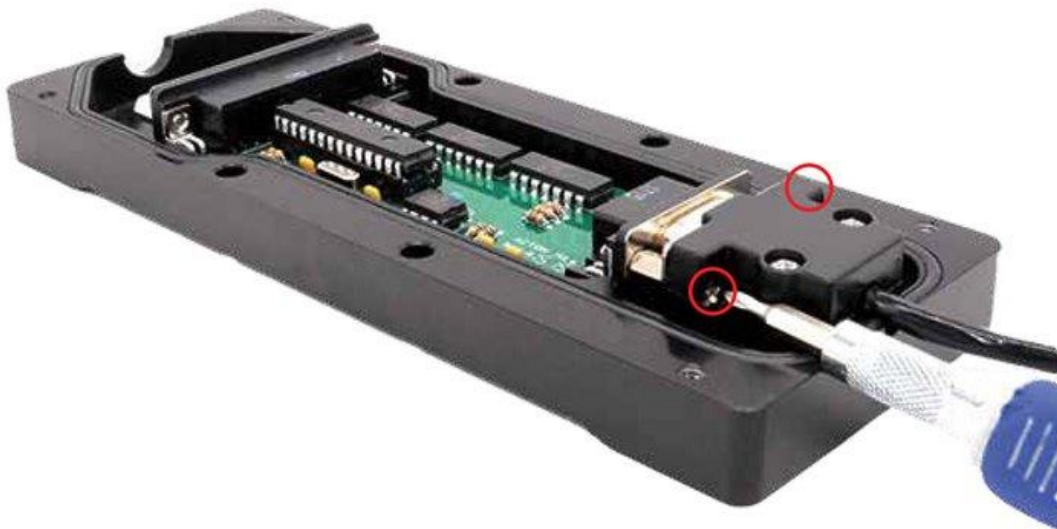
## **JB4 Connect Kit (Pinned Power) Install Guide**

04-13-2020

**1) Open the JB4 enclosure.**



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



3) Put the JB4 enclosure back together.



**\*\*\*Very Important\*\*\***

4) Ensure the Connect Kit **\*IS NOT\*** in direct contact with the metal JB4 enclosure or any other nearby metal. Aim the smaller side of the Connect Kit (circled below) **DIRECTLY** towards the driver's seat for best signal quality. Failure to do this may lead to connectivity issues.





## CANbus/OBDII connector: green/brown wires on JB4

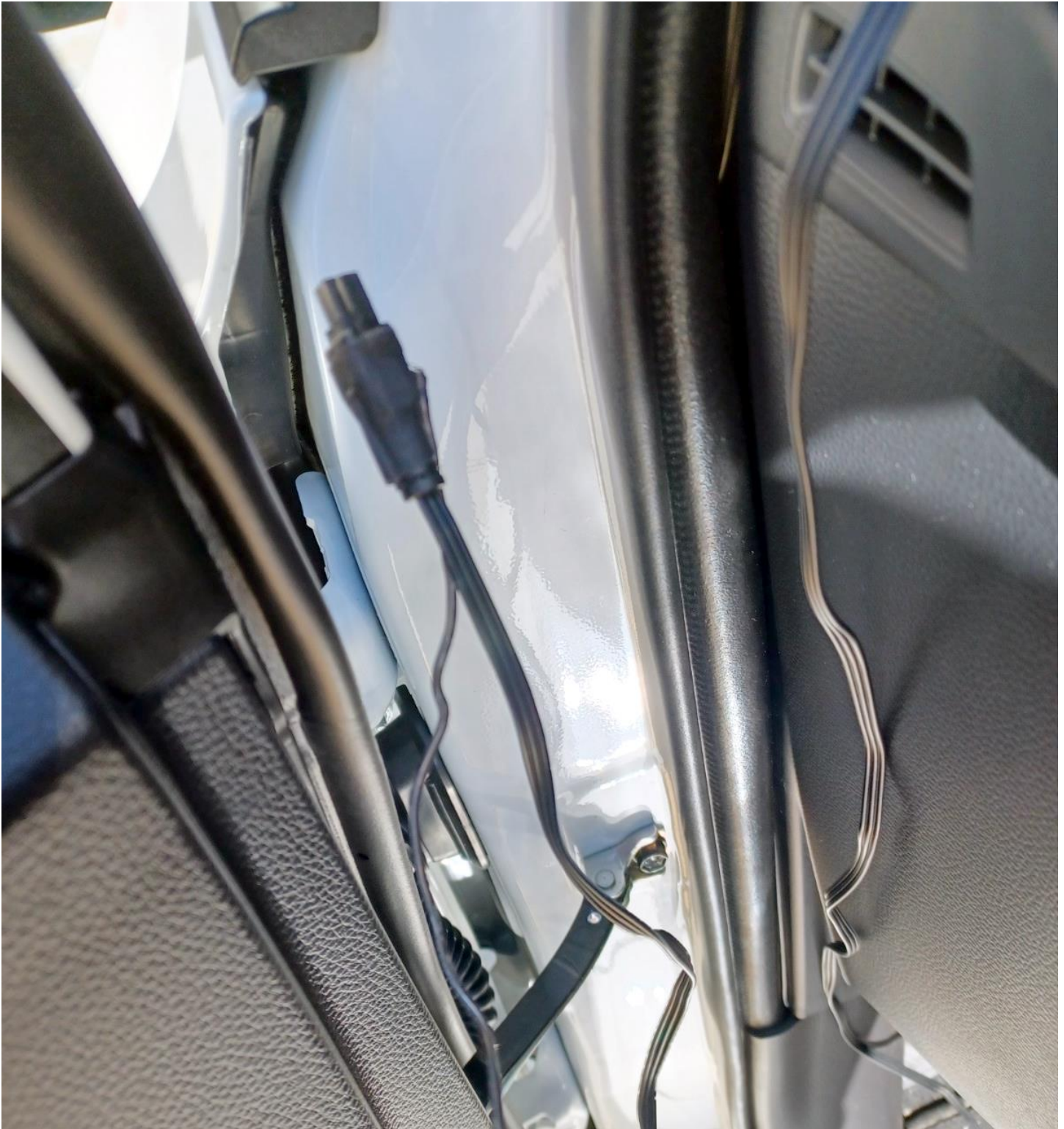
Vehicle can now be unlocked, and doors opened as OBDII can be installed/connected with vehicle awake. This optional connector attaches to the OBDII port to allowing the JB4 to take in additional advanced engine parameters to incorporate in to tuning and logging via the app.



Note photos are from a different vehicle but process is the same. Plug the OBDII cable in under the dash



The easiest way to route to the engine bay is around the door jamb. Tape the end to a wire or hanger and route as shown in the photos below.















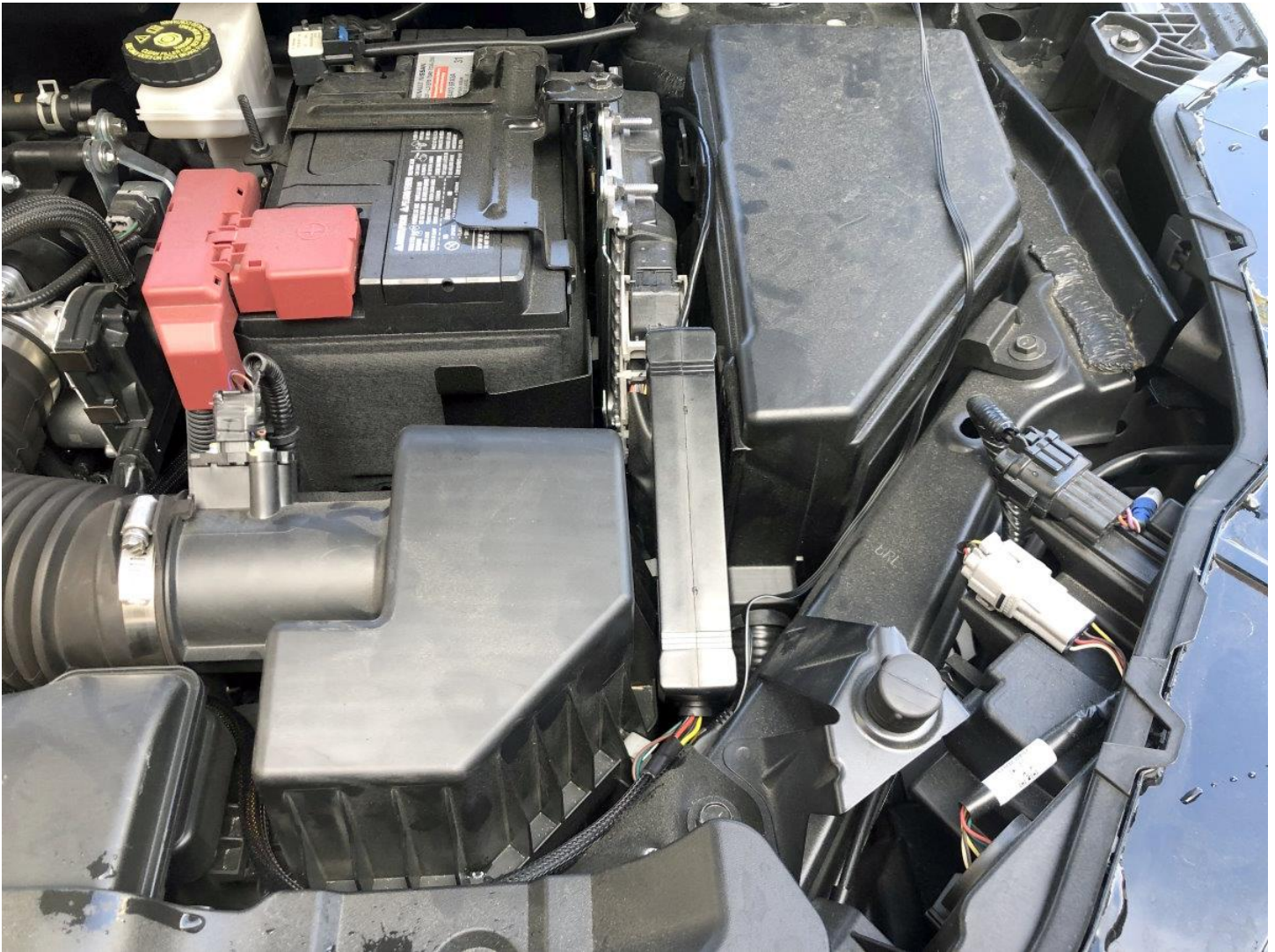






Finally plug OBDII into JB4 harness, note correct clip over notch orientation. If no data appears in JB4 app once connected an issue with the OBDII connection is usually the culprit.

Secure the JB4 box between the intake and ECU as shown.



Installation is complete! The JB4 comes preset to map1 which is suitable for all 91+ RM2 fuels. Refer to the app for additional maps and use guidelines.