

Alfa Romeo Giulia 2017+ BMS JB4 Install Guide

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OPTIONAL JB4 APP SHOWN



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.



Tools Needed:

Small flat head

Ratchet wrench with extension

10mm socket

The JB4 system has 3 connections total:

TMAP (Rainbow colored wires, 4 position connector)

MAP (Brown colored wires, 3 position connector)

OBDII (black wire, small 4 position connector to attach to JB4 harness. Not used on Alfa Romeo JB4 until further notice.)

To view the connectors you will have to remove the engine cover. Use the small flathead to remove the plastic tabs covering the 10mm bolts.

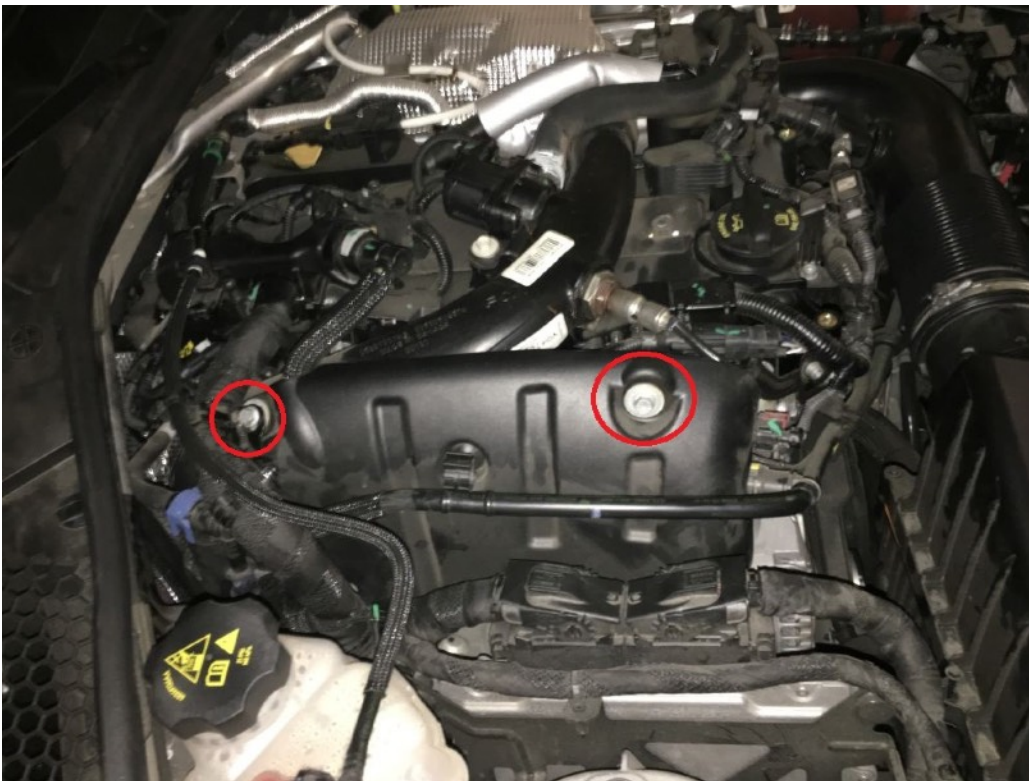
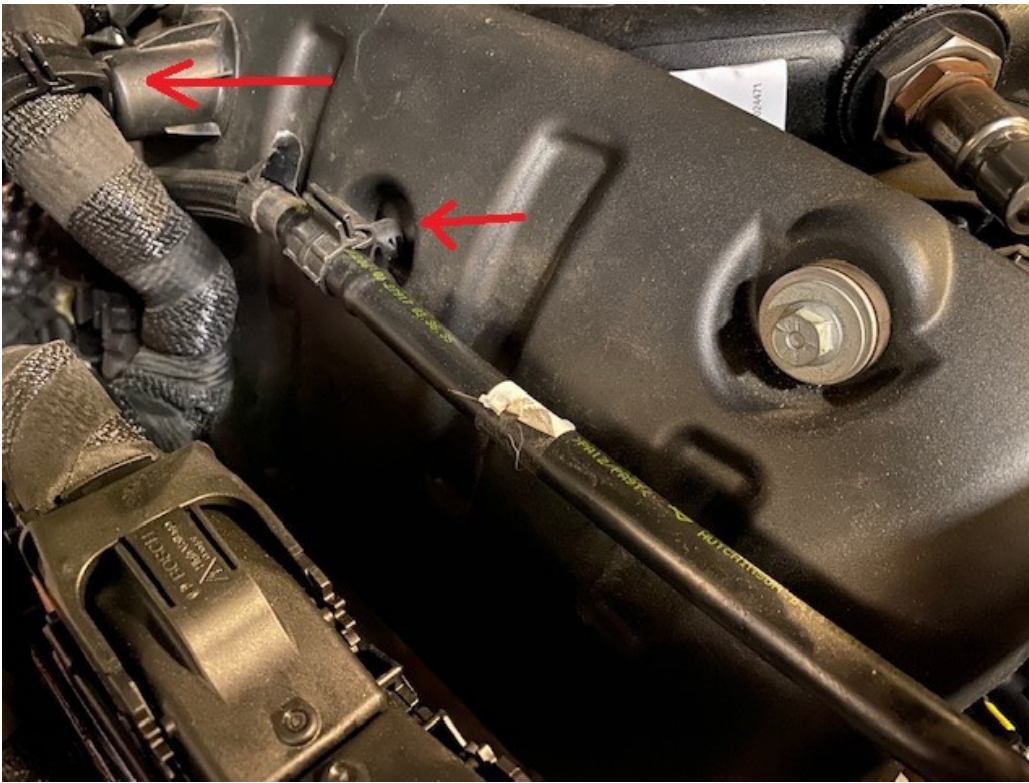




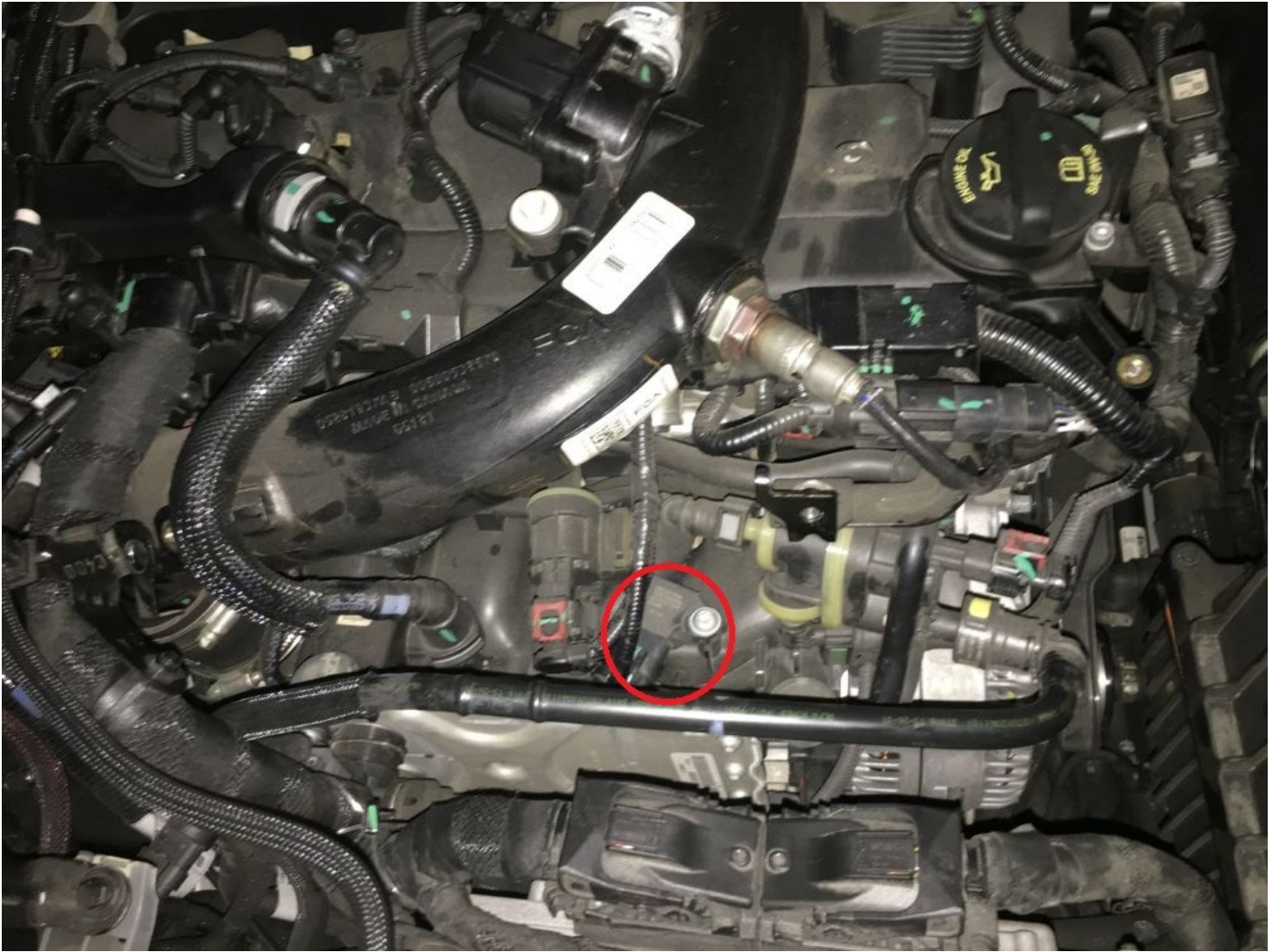
Remove the x2 10mm bolts that hold the front of the engine cover down, then remove the engine cover. The rear is held up by grommets so you will have to pull up with some force there.

Once the engine cover is removed, there is another cover with x2 10mm bolts and some clips for hoses that need to be removed.





Once the secondary cover is removed you have access to the sensors the JB4 connects to. The first sensor is located on the intake manifold, and we will be using the 4POS Rainbow connectors. (see photo below)



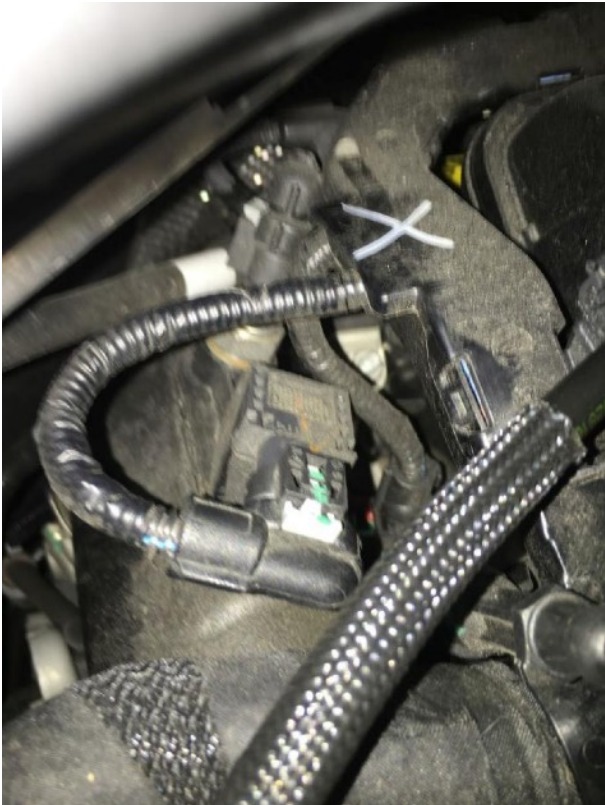
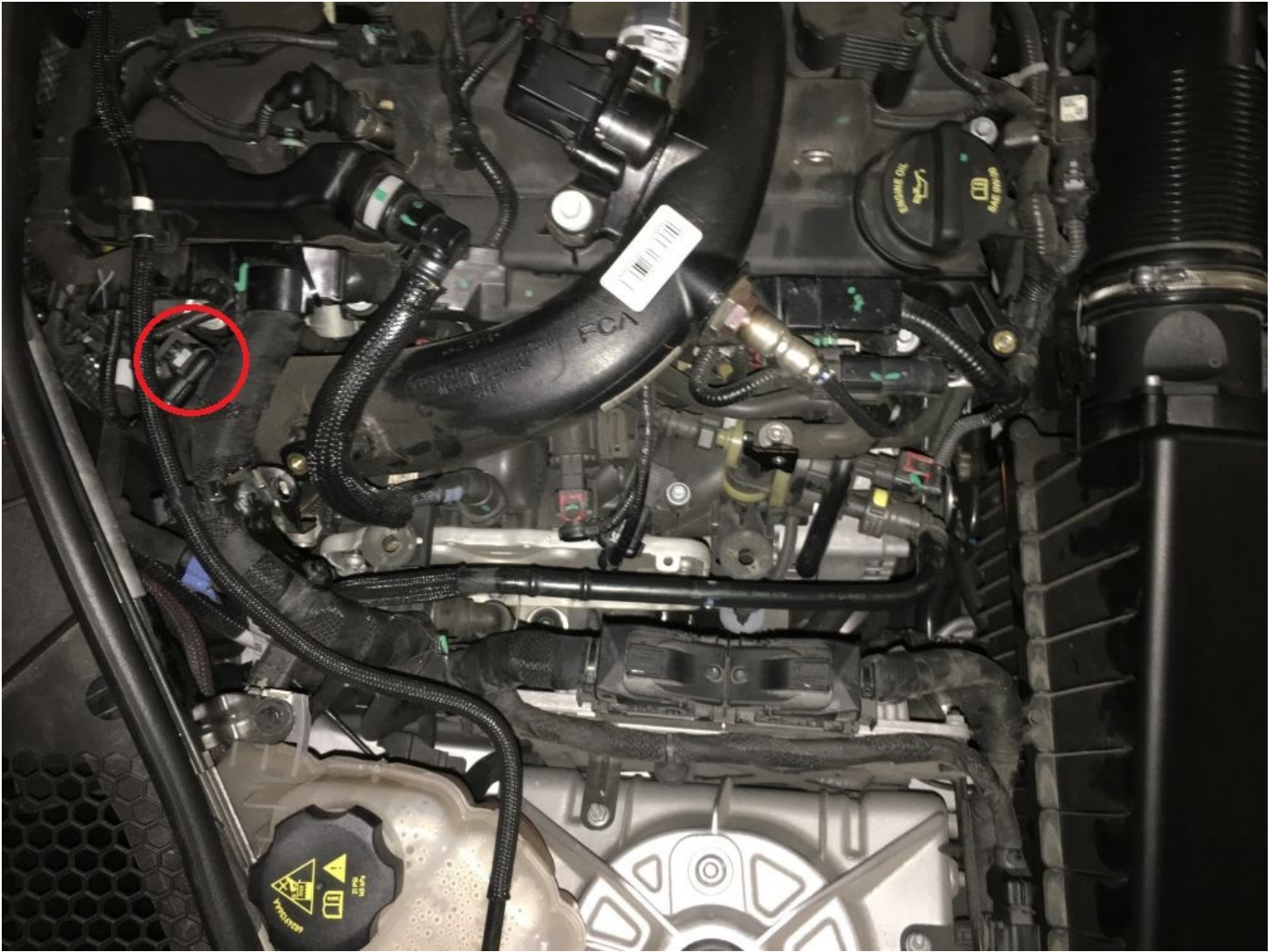


Use a small screwdriver to lift up the retaining clip, press the clip in, and release the sensor. Push the JB4 harness in to the sensor and the factory harness into the JB4 harness.





The second connector is on the chargepipe located near the firewall of the car. You will need to do the same with the 3POS brown wire connector.





The Jb4 enclosure will sit near the intake. The extra slack from the harness can be ziptied. You can also ziptie the Jb4 to the existing OEM harness.



Put the heat cover and the engine cover back on. The JB4 and installation is complete!



The JB4 comes preset to Map1 which is fairly conservative.
[For the install guide, map guide, and the latest firmware click here.](#)