



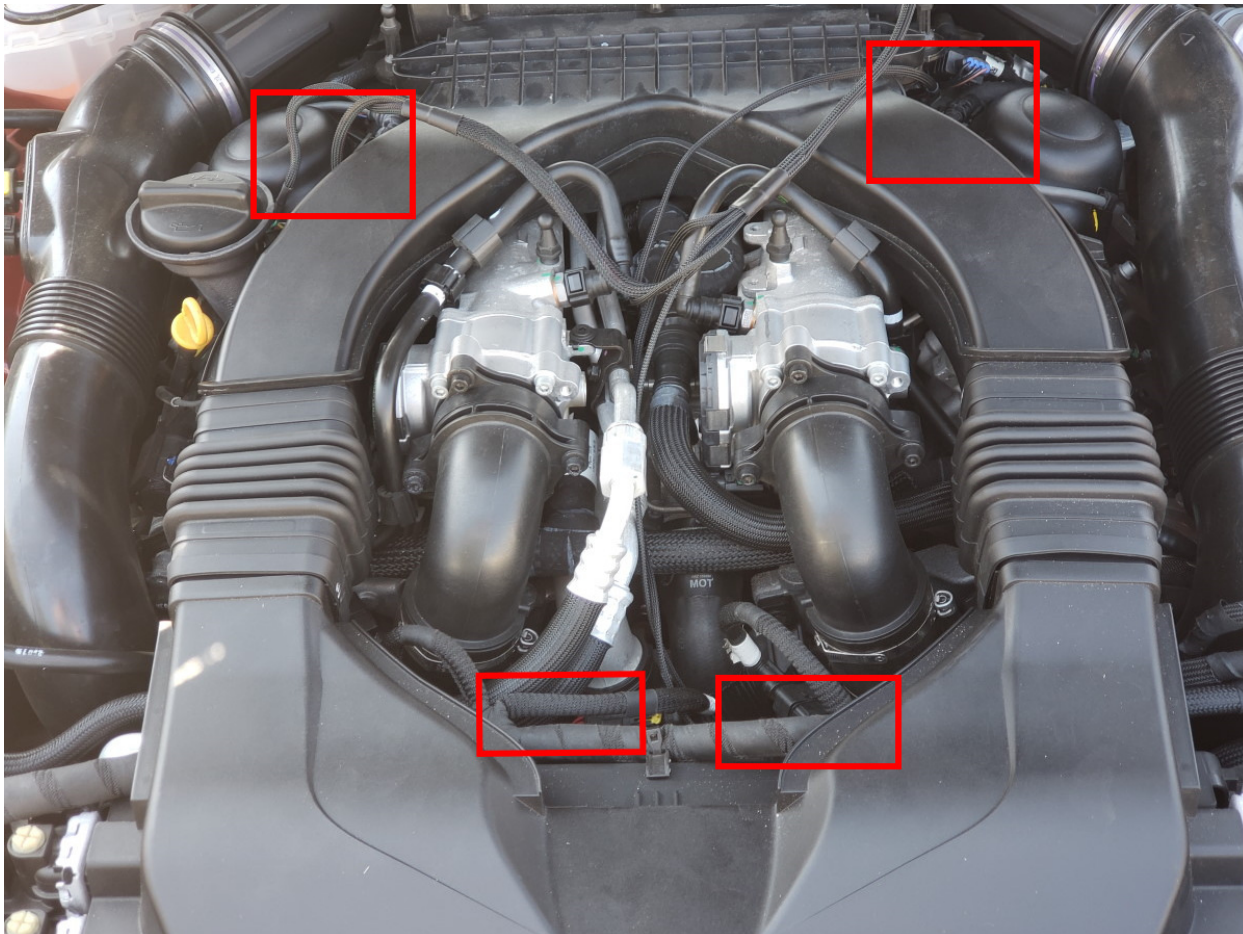
BMS 2018+ Alfa Romeo Giulia & Stelvio Quadrifoglio QV

Last Updated: 9/24/2019

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The basic installation involves unplugging 4 engine sensors and inserting the JB4 harness between the factory harness and the sensor.



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.

The JB4 system has 5 connections total:

MAP_A (Rainbow colored wires, 4 position connector)

MAP_B (Brown colored wires, 4 position connector)

TMAP_A (3 position connector)

TMAP_B (3 position connector)

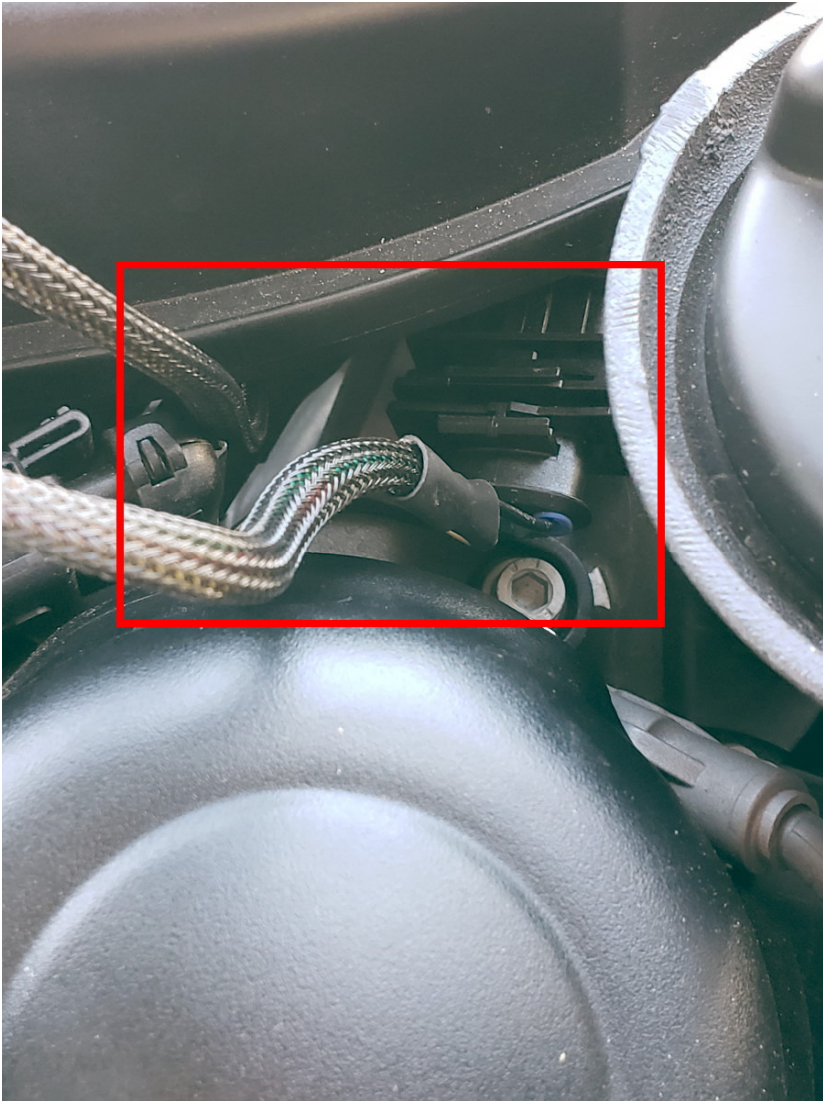
OBDII (black wire, small 4 position connector to attach to JB4 harness)

Start by removing the plastic engine cover, it lifts right off the rubber tabs with no tools required.

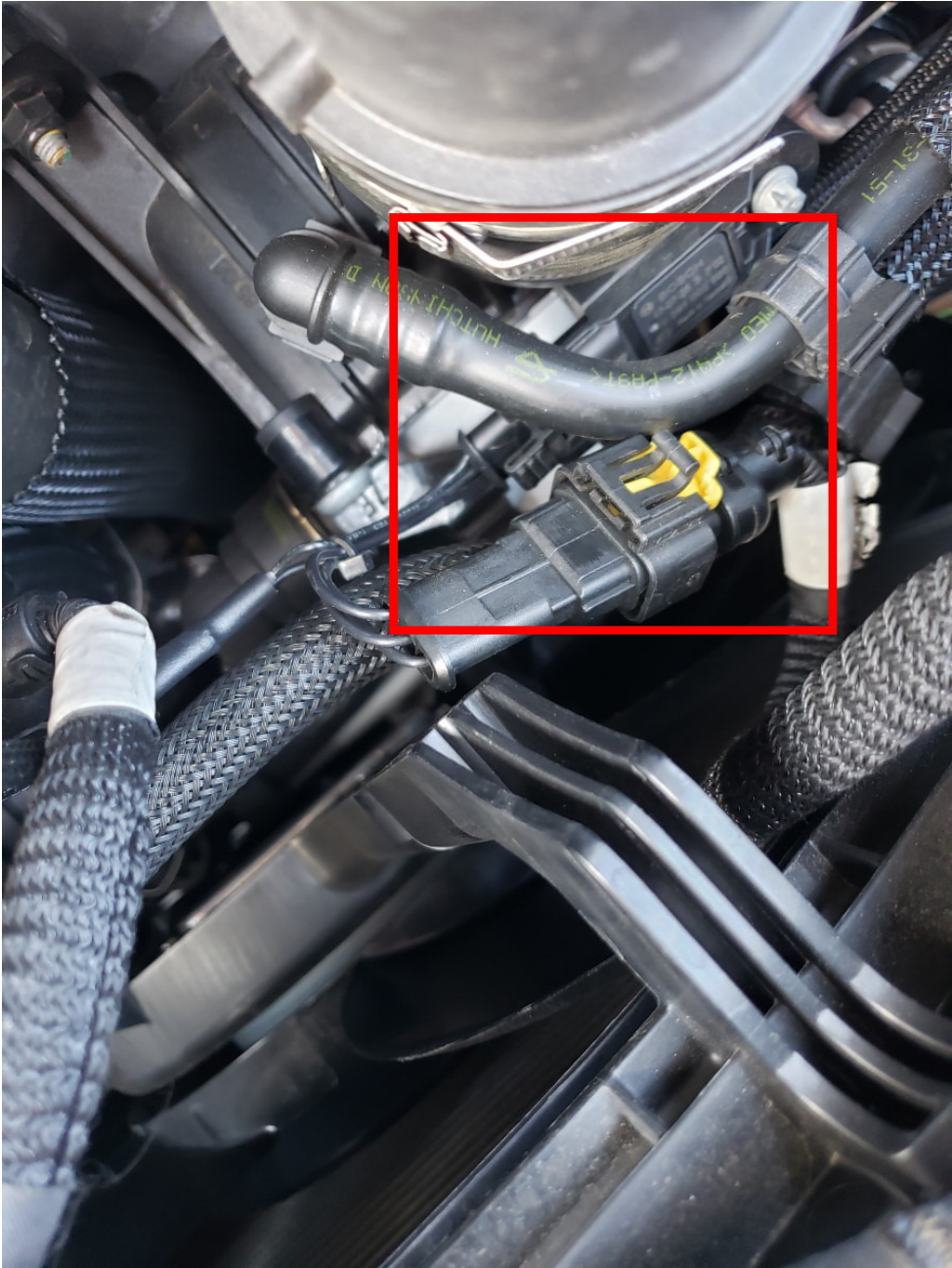
Attach the rainbow MAP patch (yellow/red/black/green wires) to the driver side MAP sensor.

(photo required)

Install the black 4 position connector to the same sensor on the passanger side of the engine bay. The harness will run over the top of the engine.



Install the TMAP sensor 3 position connectors to the passenger and driver side sensors. These JB4 wires are interchangeable.





Tuck the JB4 control box in the engine bay as shown. Care should be taken to prevent running water from going over the JB4 box when washing the vehicle.



Route the OBDII cable in the OBDII port under the dash, through the door jamb, and plug it in to the JB4 harness with the latch on the OBDII cable going over the tab on the JB4 harness for correct orientation. Note this is referred to as the “quick” install. We’ll be releasing directions for a “clean” install through the firewall in the future.



Note in the event a fault code appears they can be deleted using any OBDII tool or the JB4 mobile app. The vehicle must have ignition on, engine off, for the delete code routine to work.

Installation is complete! The JB4 comes preset to map1. Refer to this post for the full map guide, latest firmware, and additional details:

<https://www.n54tech.com/forums/showthread.php?t=58259>