



Mercedes A35 JB4

Install Guide

Last Updated: 12/7/2020

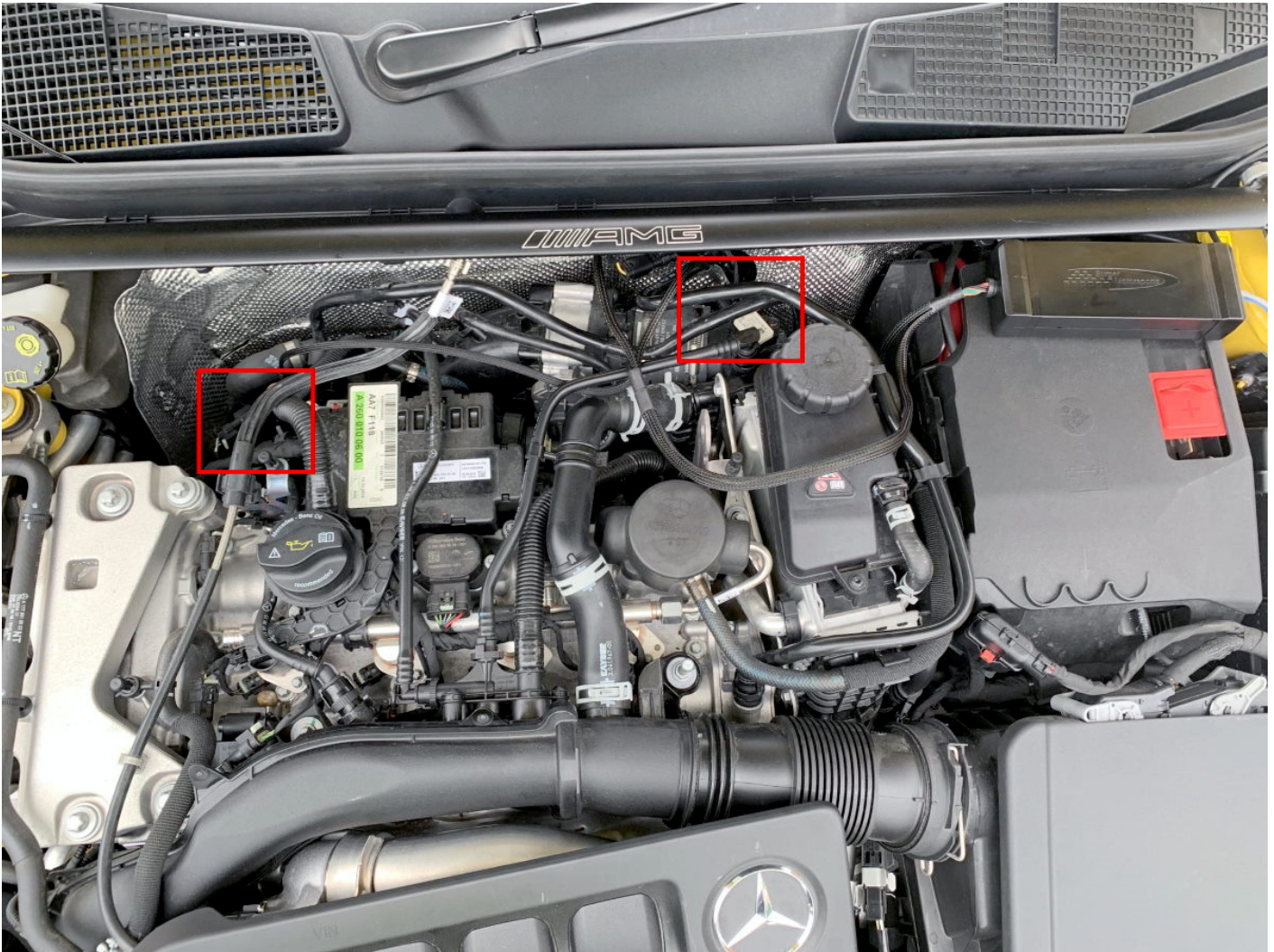
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OPTIONAL JB4 APP SHOWN

The JB4 will attach to two MAP sensors under the hood. In addition the optional OBDII cable will be plugged in and routed to the engine bay to provide CANbus for advanced logging and tuning features. Note preview of connections below.



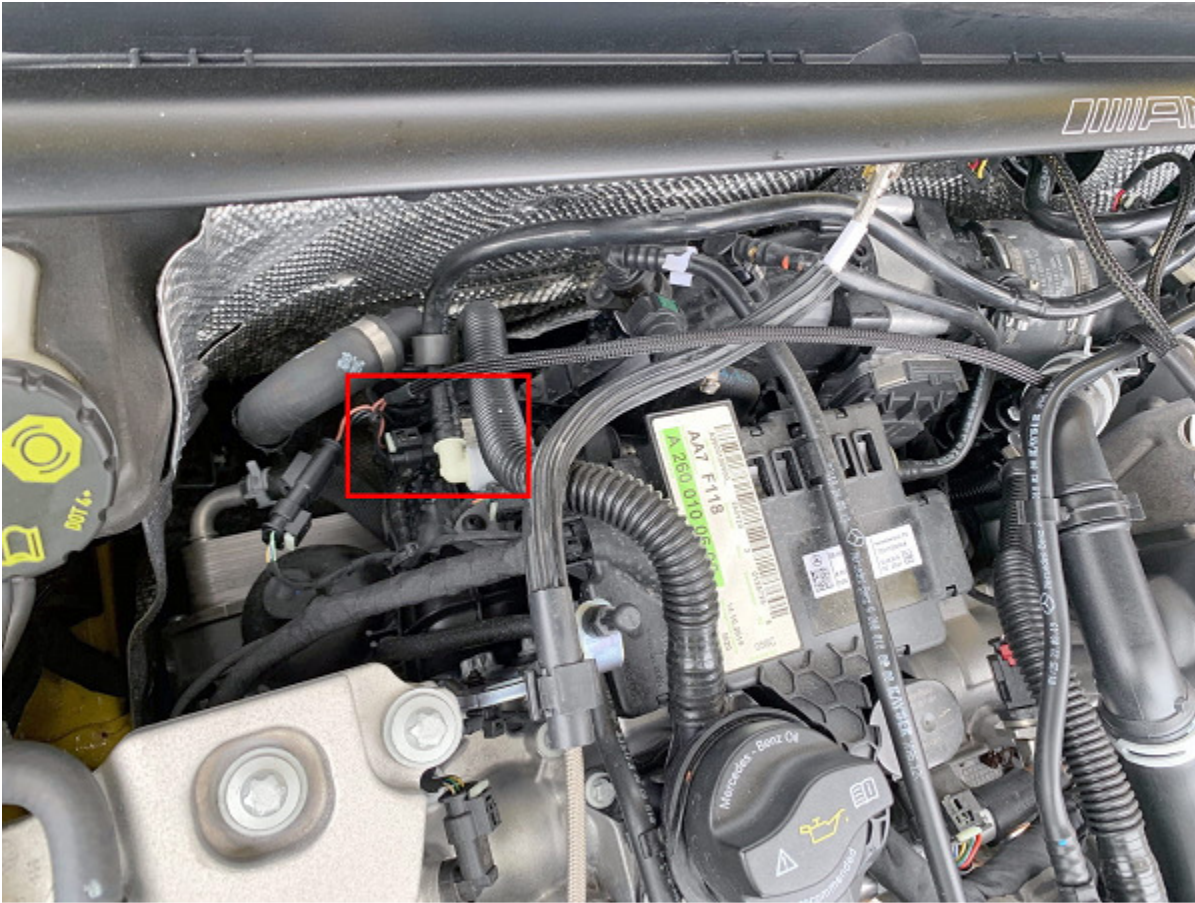
Before starting open the hood, lock the doors, and place the key far enough away to not wake up the vehicle. Wait 5 minutes to ensure the vehicle has gone to sleep.

Remove the plastic engine cover by pulling it up and out of the engine bay and place it aside.

Attach the JB4 connection closest to the JB4 control box to the MAP sensor after the throttle body as shown below. Unplug the factory connection, plug it on to the JB4 female, and plug the JB4 male in to the sensor. You can plug the JB4 into itself to practice unplugging the connectors ahead of time if desired.



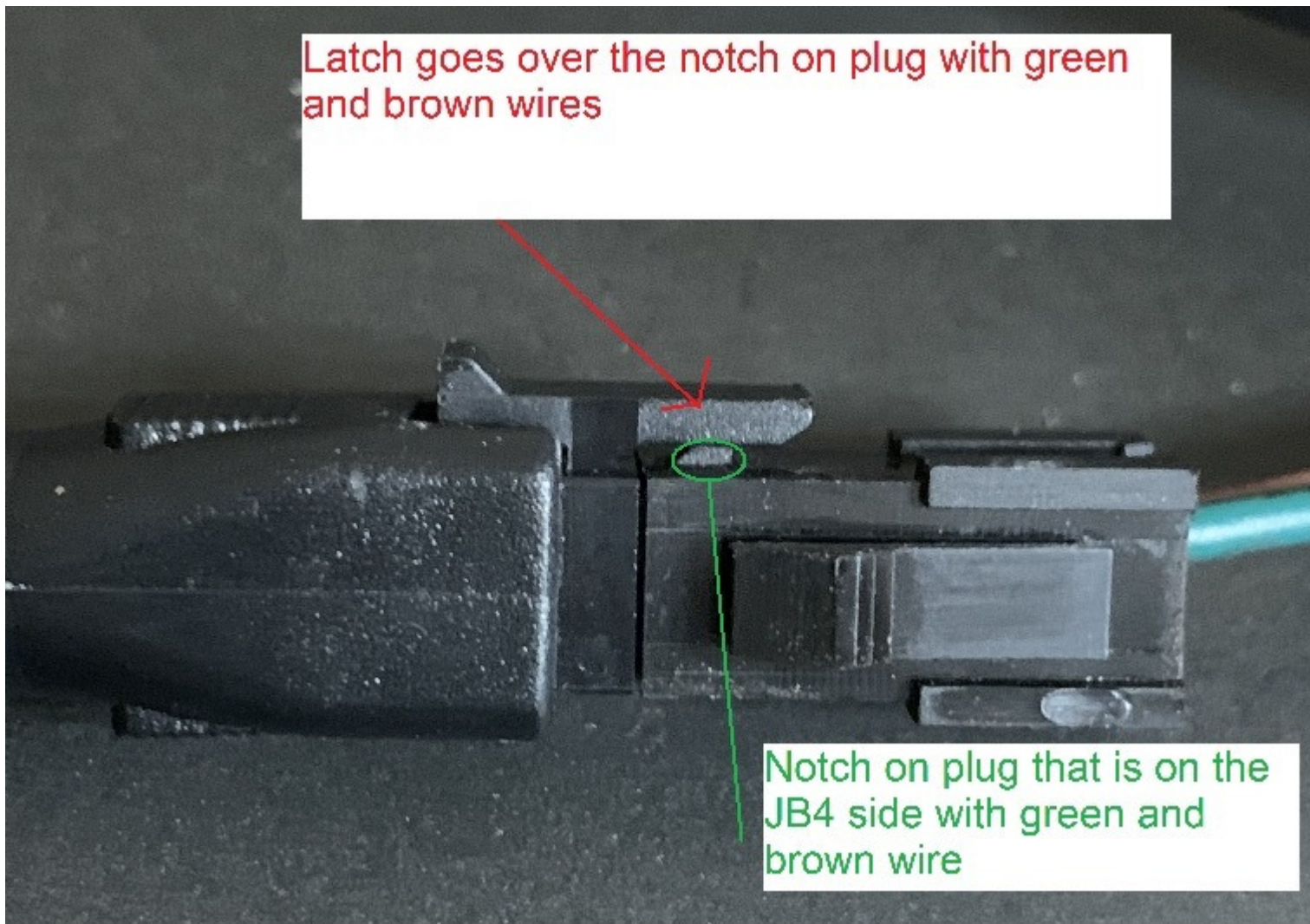
Attach the longer of the two connections to the MAP sensor on the charge piping shown below.



Once the first two connections are complete you may unlock and open the doors again to attach the OBDII cable. Plug it in to the OBDII port under the dash.

There are two methods for routing the OBDII cable. We suggest the “quick” method which is to simply run it around the door jamb and plug it in to the JB4 harness. Alternatively you can do the “clean” method which involves finding a grommet opening under the pedals to route the OBDII cable to the engine bay.

Once routed the OBDII cable attaches to the JB4 harness as shown.



If you've opted for the optional JB4 mobile adapter or data cable open the JB4 enclosure using a 2.5mm allen wrench and screw the adapter in to the JB4 control board as shown.

1) Open the JB4 enclosure.



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



Reinstall the engine cover, tuck the JB4 anywhere in the engine bay near the battery area, and installation is complete! The JB4 comes preset to map1 which is suitable for all 91+ RM2 octane fuels.