PSMJRG Installation Manual

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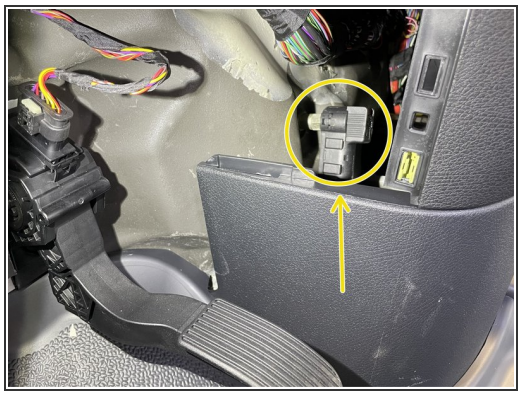


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PARTS:

- PSMJRG (1)

Step 1 — Disconnect chassis battery ground

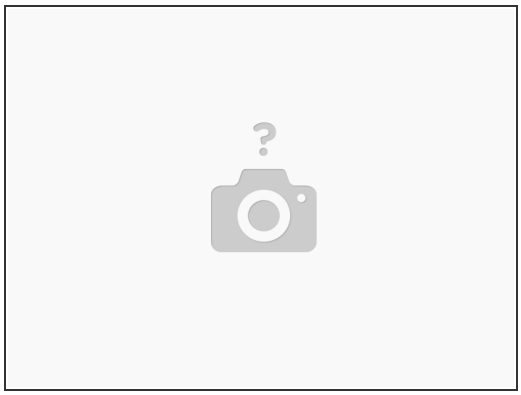

- There is a battery quick disconnect that should be used to disconnect the chassis battery ground before performing this bypass. Mercedes recommends waiting at least 20 minutes after vehicle shutdown to disconnect battery.

- The battery disconnect instructions are for general reference only. For instructions and chassis specific details, refer to your vehicles owner manual before performing this disconnect.

- Remove access panel above and to the right of the accelerator pedal
- Battery disconnect is located under the driver side dash to the right of the accelerator pedal
- There is a red tab on the top of the disconnect cable. To release the cable from the post, the red tab needs to be pushed downward
- Push the red tab downward to release the cable and pull towards the rear of the cable at the same time to remove cable from post

- Carefully place battery disconnect cable to the side

Step 2 — Access area under driver side seat



- Remove driver seat
- Locate PSM harness in area under seat
  - ⓘ If PSM module is plugged in, unplug module from harnessing

Step 3 — Connect harnessing to PSM harness under drive seat



- If the vehicle is equipped with an OEM PSM, connect the PSMJRG T-harness to the OEM harnessing and the OEM PSM module as shown
- If the vehicle is not equipped with a PSM module, connect the OEM harnessing to the mating set of of plugs on the 907SMRTG4I harness and leave the other side of the harness disconnected

Step 4 — Reconnect battery quick disconnect



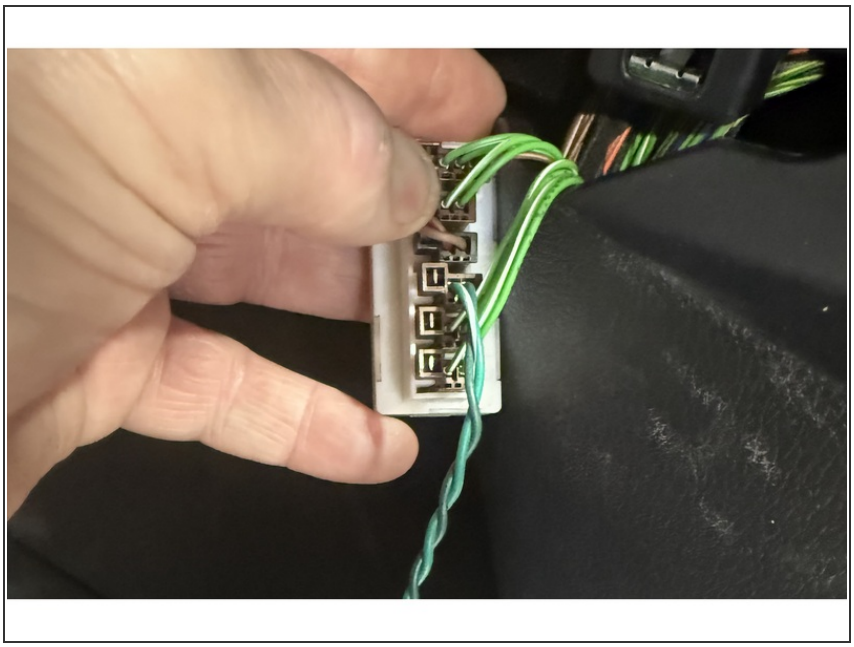


- Reconnect battery disconnect cable from to post from step 1

⚠ Ensure that cable locks into place on post. You should feel the tab lock into place. Once connected, you should not be able to remove cable from post without pressing red tab downward

- Replace access panel

Step 5 — Connect CAN plug for high idle programming (only if using high idle option)



- ⓘ If using PSMJRG for high idle, option must be programmed using the supplied green and green/white CAN harness and the PSMJRG module
- Under the passenger side dash, locate the CAN distribution block with OEM green and green/white wires
- Connect supplied green and green/white CAN wires to any empty spot in the distribution block
- With ignition off, green light on 907SMRTG4I module will turn on when programming CAN plug is connected
- ⓘ Note: this plug will be removed after programming is complete. Therefore the wiring harness does not need to be run behind the dash. Once the programming is complete, the harness can be coiled and safely mounted near the 907SMRTG4I module

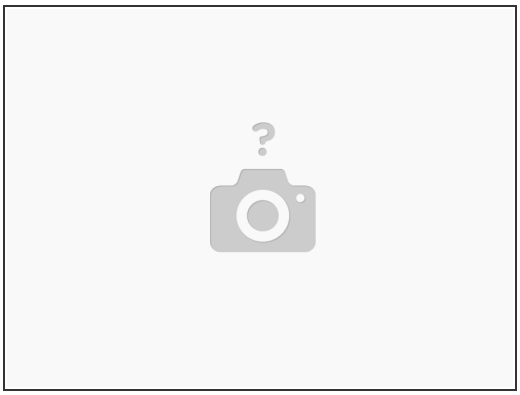
Step 6 — High Idle Programming



- Turn ignition on (but do not start engine) by pressing the push to start button 2X
- Green LED on PSMJRG module will flash
- Pull high beam/turn signal stalk towards you and hold for 15 seconds. This will initiate the programming.
- Once programming is complete, the green light on module will turn solid. Once green light is solid, programming is complete.

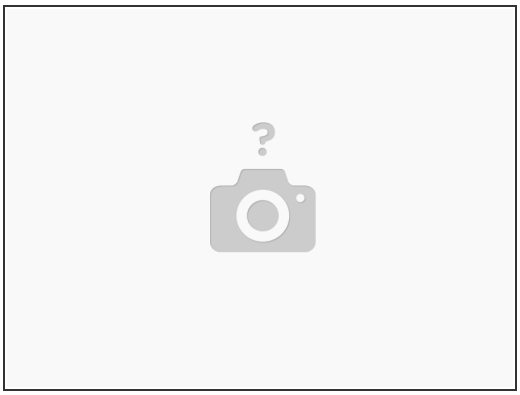
The supplied green and green/white CAN harness from distribution block may be disconnected, bundled up, and mount securely with the 907SMRTG4I module module (the programming harness does not need to stay plugged into the distribution block).

Step 7 — Mount module



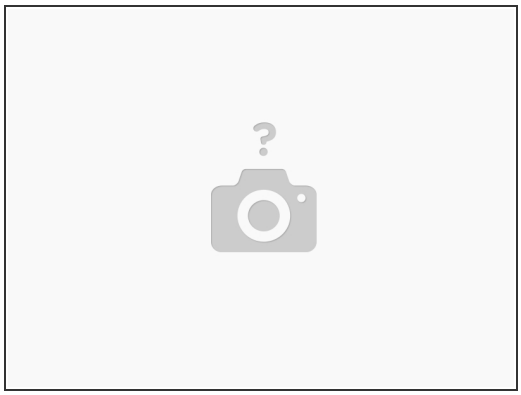
- Securely mount PSMJRG module underneath driver seat

Step 8 — OPTIONAL: I/O Connections



- The PSMJRG module is equipped with several inputs and outputs. Use as needed per your application schematic.

Step 9 — Test hood pin (if using auto stop/start)



- If usuing auto stop/start option, open hood and test auto start operation. Auto start should be disabled when hood is open.