

MAS003711 RU 23-37

RAPID UPDATE

FROM: Maserati TSO

TO: Maserati Network



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

Rapid Update 645 MC20 – Knock Sensor Check



DATE: JULY 26 2023

Certain Maserati MC20 (M240) MY22 MY23 listed in MODISCS+ are involved in a Rapid Update to carry out a KNOCK sensor cleaning procedure.

Vehicles transported overseas may experience humidity accumulation on the sensor covers due to the configuration of the engine hood. This, in turn, may cause the sensors not to respond correctly, leading to problems after starting the engine.

We remind you that all the Rapid Updates must be performed within the first workshop visit, regardless of the Mandatory setting set in Modis, as required by Maserati policies.

Also, for vehicles in Stock Dealer / PDI, it is necessary to carry out all action operations before delivery to the end customer, as required by the White Book and explicitly reported in the Pre-delivery checklist.

Please read and review this bulletin first before starting the procedure.

Contact your Regional AfterSales Manager (RAM) or the Technical Support Helpdesk if you have any questions. (Maseratitechsupport@maserati.com)

Thank You for your continued support and cooperation.

Maserati Americas
Aftersales Dept.

Procedure

1. Always check ModisCS+ to see if the vehicle is involved in this action and if it has not been previously performed.
2. Start the Engine.
3. Warm up the engine at idle for about 10 (ten) minutes, depending on the environmental conditions

Note: Please follow the indication of the cluster to check the state of the engine.



ENGINE OFF (no)



COLD (no)



WARM (ok)



HOT (no)

4. Connect the EVO and continue to "Vehicle view" and wait until it has been fully updated.
5. Clear only the DTCs related to the ECM module: **ECM ► DTCs ► Clear ECU DTCs**

Note: The only DTC allowed is P0350 - Ignition Coil Primary/Secondary Circuit.
If other DTCs are present: Open a BOL as "support request" for further assistance.

6. ECM Diagnosis ► Active Diagnosis ► GPF Service Regeneration

Preconditions:

- Engine ON
- Gear in N or P position
- Engine at operating temperature ($70^{\circ}\text{C} < \text{Coolant Temperature} < 108^{\circ}\text{C}$)
- No pedal pressed (accelerator and brake)
- Vehicle Speed = 0
- Not excessive temperature of Exhaust component ($\text{GPF} < 850^{\circ}\text{C}$)



The Malfunction Indicator Light (MIL) will "come ON" when the ignition switch is in the ON position and then "Shut OFF" soon after the engine is started (the MIL may not shut OFF immediately).

If the MIL starts flashing: The **GPF service regeneration** is ready to be performed.

If the MIL stays ON: Stop the **GPF Service Regeneration**

By following Steps 7 through 10 then open a BOL as "support request" for further assistance.

7. Wait 5 minutes.
Warning: During this phase, the engine will run at 3000 rpm.
8. Interrupt the procedure after 5 (five) minutes by pressing the brake pedal.
9. Stop the engine.
10. Disconnect the EVO.
11. Procedure complete.

Warranty Claim

Fill in the relative Warranty Claims as follows:

Description	Code
Rapid Update Number	645
Warranty Code	23
Fault Code	063
Component Code	1.90.005
Operation Code	1.90.005.A (0.5h)