

MAS004708 RU 25-10

**RAPID UPDATE**

FROM: Maserati TSO  
TO: Maserati Network



**Maserati**

PERSONAL SERVICE LAB

MASTERS OF CARE

# Rapid Update 780 “Knock Sensor WarmUp”

TECHNICAL SERVICE OPERATIONS



DATE: April 29, 2025

Certain Maserati Ghibli (M157), Levante (M161), and Quattroporte (M156) MY23 MY24 listed in MODISCS+ are involved in a Rapid Update to perform a WarmUp cycle aimed at eliminating any traces of humidity inside the sensors and improving the driving experience for our Customers.

This is an extra procedure on a limited fleet of vehicles, some of which are not yet in customer's hands.

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 ordering parts and/or starting the procedure.**

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

Thank You for your continued support and cooperation.

Maserati North America  
Aftersales Dept.

# Technical Procedure

1. Always check ModisCS+ to see if the vehicle is involved in this action and if it has not been previously performed.
2. Connect the MD Evo tool and run a scan report of the ECM control unit.
3. Clear any DTCs present on the ECM.
4. Start the engine and monitor the engine coolant temperature with the diagnostic tool.
5. Perform a warm-up cycle. With the gearbox in P or N and **the front hood closed**, raise the engine speed to **3000 rpm** until the engine temperature reaches at least 90°C (194°F) (avoid reaching engine temperature above 100°C(212°F)).
6. Check if the **cooling fan is activated** during the heating phase. Continue heating until the fan is activated.

**Note:** to perform this operation, you can use the tool **900027678**, which has the function of bringing the accelerator pedal to the desired travel and keeping it accelerated until the end of the operation. This tool, in addition to allowing the perfect engine speed required by the operation, also allows this operation to be performed without the intervention of another operator.

7. Once the required temperature is reached, slow down to idle and wait for the cooling fan to turn off.
8. Check again if **any DTCs** have been stored (such as P0327 and/or P0332).
9. If **NO DTCs** are stored, proceed with a 5-10 km (3 to 6 mi) road test (if possible).
10. If DTCs related to knock sensors are set, delete them and repeat the procedure from step 4 to step 8 at **least 5 (five) times**. If the errors occur again, open a BluOnline report as "support request" and attach a complete DTC and Parameter report.
11. Procedure complete.

## Warranty Claim

Please complete the warranty request as follows:

| Description   | Code              |
|---|-------------------|
| Number of Rapid Updates   | 780               |
| Warranty code   | 23                |
| Error code  | 063               |
| Component Code  | 1.90.005          |
| Operation Code <ul style="list-style-type: none"><li>▪ WarmUp Cycle</li></ul> | 1.90.005.A (0.5h) |