

Customer Service Notification

FROM: Maserati TSO

TO: Maserati Network



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

M182 MHEV – ECM Software Update



DATE: January 16, 2025

Certain Maserati Grecale MHEV (M182) MY23 MY24 MY25 listed in MODISCS+ are involved in a Customer Service Notification (CSN) to update the Engine Control Module (ECM) software update.

This update is needed to improve the ECM software calibration, following the best practice about battery SOC targets and Start & Stop threshold. As consequence the Customer may not be able to start the vehicle. This software update is part of an improvement strategy to optimize the electric behavior of the vehicle. Note that some MY23 vehicles also need to update the Transmission Control Module (TCM) module, Although there are no reported issues impacting the TCM, the implementation of new ECM software requires the TCM software to be updated as well for compatibility reasons.

We remind you that all the Customer Service Notification 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.

Overview

1. Always check ModisCS+ to see if the vehicle is involved in this action and if it has not been previously performed.

Use the Attached VIN list to verify the correct actions to be performed for each VIN

| Complete VIN | VIN | Status | Action |
|-------------------|--------|--------|--------------------------|
| ZN6AW82E9P7419359 | 419359 | 92 | ECM + TCM SW Updates |
| ZN6AW82EXP7419225 | 419225 | 92 | ECM Software Update Only |
| ZN6AW82E9P7419247 | 419247 | 92 | ECM + TCM SW Updates |
| ZN6AW82E7P7419179 | 419179 | 92 | ECM + TCM SW Updates |
| ZN6AW82E8P7419370 | 419370 | 92 | ECM + TCM SW Updates |
| ZN6AW82E8P7419207 | 419207 | 92 | ECM + TCM SW Updates |
| ZN6AW82E0P7410257 | 410257 | 92 | ECM Software Update Only |

VIN list example

Technical Procedure

ECM SW Update

If the vehicle involved needs also the TCM software update (action "ECM + TCM Software Updates"), proceed with the next instructions about TCM SW Update. Otherwise, the operation is completed.

1. Before proceeding, please ensure that the Engine is OFF.
2. Connect a battery maintainer to the 12V battery (It is recommended to always use the E-XTEQ MAXIMUS to maintain minimum voltage and current draw requirements).
3. Connect the EVO to the vehicle, ensure that battery voltage is around 12.5V then select **ECM ► ECU Programming** and follow the prompts.

Software version to be installed (or newer).

| Region | Version | Engine | F188 Target |
|--------|---------|--------|-------------|
| NAFTA | MY23 | 300hp | 673016801 |
| | | 330hp | 673016802 |
| | MY24 | 300hp | 670353482 |
| | | 330hp | 670353483 |
| | MY25 | 330hp | 670353995 |

4. Press "Execute" during the pre-procedures:



- Clear all residual DTC's

NOTE: Following the update, the following message may appear on the screen in some very rare cases.



This message does not indicate any technical problems with the car and simply suggests that an extra-urban cycle should be performed at cruising speed to facilitate spontaneous GPF regeneration.

Technically, this message is activated when the GPF is about 50% full, in a non-critical condition. In some cases, the message may appear on pre-delivery vehicles if frequent cold engine start/stop cycles have been performed. Again, this message is to be regarded as a technical suggestion and should in no way be seen as a vehicle malfunction.

The reason why this warning has been implemented in this new software version is to inform the customer in good time so that the vehicle can be kept in perfect working order. Therefore, no further action is required by the workshop should this message appear following the update.

We also ask you to inform the customer of both the new warning function and the possible need to drive an extra-urban cycle.

For this reason, any request for supplementary work under warranty concerning this issue will be rejected.

TCM SW Update (Some MY23 only)

- With MD-Evo perform **TCM – ECU programming**.
The software below (or newer one) must be installed:

| Region | F188 Target |
|--------|-------------|
| NAFTA | 670299988 |

- Clear any residual DTC's
- Procedure complete.

Warranty Claim

Fill in the relative Warranty Claims as follows:

| Description | Code |
|---------------------|---------------------|
| CSN Number | 773 |
| Warranty Code | 23 |
| Fault Code | 063 |
| Component Code | 1.90.001 |
| Operation Code | |
| ECM Software Update | 1.90.001.A (0,20 h) |
| TCM Software Update | 3.10.060.A (0,20 h) |