

RAPID UPDATE

FROM: Maserati TSO

TO: Maserati Network



PERSONAL SERVICE LAB

MASTERS OF CARE

Rapid Update 680 Grecale – ECM Solenoid Valve



DATE: NOVEMBER 29 2023

Certain Maserati Grecale (M182) MY23 MY24 listed in MODISCS+ are involved in a Rapid Update to update the ECM software.

This update is required to address a potential issue of the MIL (Malfunction Indicator Lamp) turning ON while driving, attributed to P-codes P106A and P1066 related to the MultiAir solenoid valve.

For MY23 only: Although there are no reported issues impacting the TCM behavior, the implementation of this new ECM software requires an update to the TCM software for compatibility reasons.

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 Americas
Aftersales Dept.

Technical Procedure



All images shown in this bulletin are for illustrative purposes only

1. Always check ModisCS+ to see if the vehicle is involved in this action and if it has not been previously performed.
2. Use the attached VIN list to determine which actions to be performed:
 - "ECM Software Update Only"
 - "TCM Software Update Only"
 - "ECM + TCM SW Updates"

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

Complete VIN	VIN	Status	Action
ZN682AVM1P7408957	408957	98	ECM + TCM SW Updates
ZN682AVMXP7408956	408956	94	ECM + TCM SW Updates
ZN682AVM6P7410493	410493	94	TCM Software Update Only
ZN6PMDAAXR7447603	447603	92	ECM Software Update Only
ZN6PMDBA7R7447590	447590	90	ECM Software Update Only

VIN list example

ECM SW Update

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)

ECU	MY	Engine	F188 Target
ECM	23	300hp	670308246
		330hp	670308244
	24	300hp	670308824
		330hp	670308825

- Press **"Execute"** during the pre-procedures:



- Make sure that the SW update was successfully performed by checking the SW version via "base diagnosis".

- If the vehicle involved also needs the TCM software update (action **"ECM + TCM SW Updates"**), proceed with the **"TCM SW UPDATE"** below. Otherwise, the operation is complete.

TCM SW Update

- Before proceeding, please ensure that the engine is off.
- 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)
- Connect the EVO to the vehicle, ensure that battery voltage is around 12.5V then select **TCM** ► **ECU Programming** and follow the prompts.

Software version to be installed (or newer)

ECU	F188 Target
TCM	670299988

- Make sure that the SW update was successfully performed by checking the SW version via "base diagnosis".

Warranty Claim

Fill in the relative Warranty Claims as follows:

Description	Code
Rapid Update Number	680
Warranty Code	23
Error 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)