

RAPID UPDATE

FROM: Maserati TSO

TO: Maserati Network



MASTERS OF CARE

Rapid Update 673 Grecale – RFHM Software Update



DATE: OCTOBER 24 2023

Certain Maserati Grecale (M182) MY23 MY24 listed in MODISCS+ are involved in a Rapid to update the Radio Frequency HUB Module (RFHM) software.

This update is essential to prevent the occurrence of a false TPMS (Tire Pressure Monitoring System) warning indication. In specific situations, the front tire pressures might erroneously appear in yellow on the cluster display, even when the actual tire pressures meet or exceed the specified values. This problem stems from an incorrect internal calculation related to the hexadecimal conversion between psi and bar. It's crucial to note that this update does not alter the tire pressure values as stated in the owner manuals and technical documentation.

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. (Maseratitechsupport@maserati.com)

Thank You for your continued support and cooperation.

Maserati Americas
Aftersales Dept.

Overview

The latest software update addresses a bug related to the TPMS warning indicator light that remained illuminated, even when the tire pressure was within the correct range and matched the specifications outlined in the owner's documentation for tire sizes 19", 20", and 21".

****IMPORTANT**:** The modification from 30 to 31 in the active parameter is necessary to rectify an erroneous internal calculation in the hexadecimal conversion between psi and bar, and this adjustment is specific to 19" tires. It's essential to emphasize that there are no alterations to the tire pressure values as they are presented in the owner manuals and technical documentation. The parameter change solely aims to ensure an accurate internal calculation process.

Be aware that, in case of a further tire replacement starting from 20" or 21" to 19", the active diagnosis "Front Axle Nominal Tire (Placard) Pressure" must be performed to set 31 psi.

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:
 - "Software Update Only"
 - "Active Diagnosis Only"
 - "SW Update + Active Diagnosis"

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

Complete VIN	VIN	Status	Action
ZN6CW82D007426750	426750	95	Software Update Only
ZN6AW82F6P7433440	433440	95	SW Update + Active Diagnosis
ZN6AW82C007433328	433328	94	SW Update + Active Diagnosis
ZN6AW82B007433479	433479	95	Software Update Only
ZN6AW82F1P7434639	434639	95	Active Diagnosis Only

VIN list example

RFHM Software Update

Attention: Only perform this procedure if the VIN list calls for " **Software Update Only**" or " **SW Update + Active Diagnosis**" for the vehicle involved

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 **RFHM ► ECU Programming** and follow the prompts.

Software version to be installed (or newer):

Market	F188 Target
ROW	670305110

4. If the involved vehicle also requires the " **Active Diagnosis**" procedure (action labeled as " **SW Update + Active Diagnosis**"), then please follow the subsequent instructions provided below. Otherwise, the procedure is considered complete.

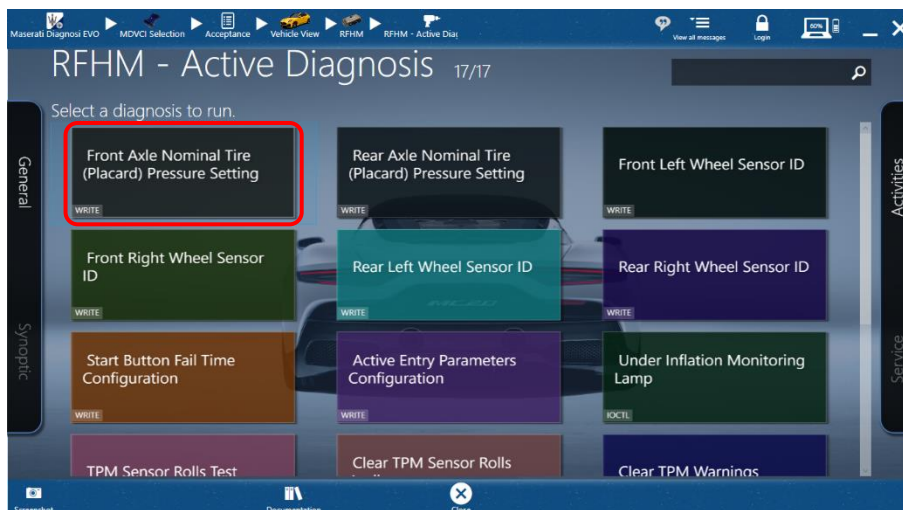
Active Diagnosis Procedure

Attention: Only perform this procedure if the VIN list calls for " **Active Diagnosis Only**" or " **SW Update + Active Diagnosis**" for the vehicle involved

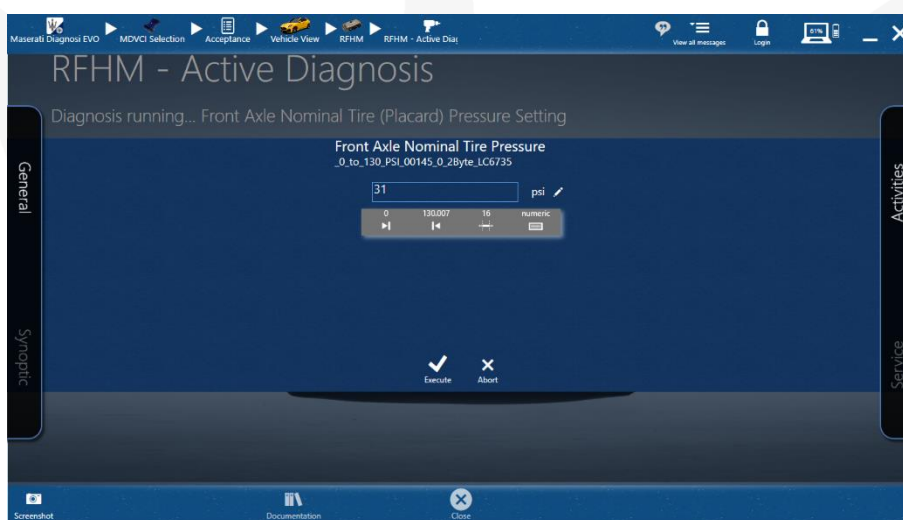
1. Using the EVO, from vehicle view select **RFHM** then select **Active diagnosis**, as shown in the picture below:



2. Select **Front Axle Nominal Tire (Placard) Pressure** to update the front tires pressure:



3. Insert **31** in the text box and click on **Execute** to set the new value:



4. Operation complete.

Warranty Claim

Fill in the Warranty Claims as follows:

Description	Code
Rapid Update Number	673
Warranty Code	23
Fault Code	063
Component Code	8.53.088
Operation Code	
Active Diagnosis	8.53.088.A (0,15 h)
RFHM Software Update	8.53.088.B (0,20 h)
RFHM SW Update + Active Diagnosis	8.53.088.C (0,30 h)