

MAS003627 RU 23-23

RAPID UPDATE

FROM: Maserati TSO

TO: Maserati Network



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

Rapid Update 632 Grecale – Top Strut Mount Check

TECHNICAL SERVICE OPERATIONS



DATE: JUNE 8 2023

Certain Maserati Grecale (M182) MY23 listed in MODISCS+ are involved in a Rapid Update to carry out a procedure for checking air leaks and possibly replacing the front shock absorbers.

This action is necessary because, on a limited number of vehicles, a component has been installed with a material that has excessively high porosity. This can result in air leaks from the suspension circuit. To address this issue, it is advisable to utilize a leak detector to determine whether the front shock absorbers are leaking. If leaks are detected, they should be replaced accordingly.

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

Likewise, for cars in Stock Dealer/PDI, it is necessary to carry out all campaign operations before delivery to the final Customer, as prescribed 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

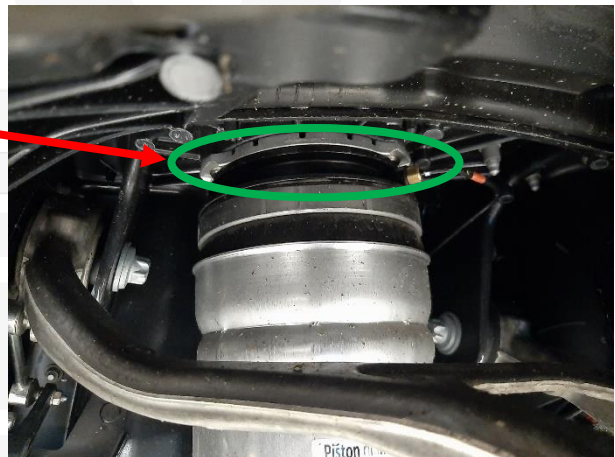
 All images shown in this bulletin are for illustrative purposes only

NOTE: The procedure below is described for one side of the vehicle. Carry out the same operations on the opposite side of the vehicle to check both the Driver side and Passenger shock absorbers.

1. Always check ModisCS+ to see if the vehicle is involved in this action and if it has not been previously performed.
2. Disconnect the battery, following the procedure in the workshop manual.
 - a. **08.20.001 - BATTERY - Connection/disconnection of the electric power supply**
3. Open the front hood and locate the top of both the right and left shock absorber areas. Remove both front wheels to access the shock absorber attachment area via the wheel well area.
 - a. **06.00.001 - RH FRONT WHEEL RIM - Removal and refitting**



4. Using leak detection liquid (e.g., Snoop Leak Detector) or an equivalent, check for air leaks in the areas circled in **GREEN** (both the Driver and Passenger side engine compartment and in the wheel well compartment areas) Make sure to spray the entire circumference of the areas shown.



Example of air leakage shown

IMPORTANT: : Take care not to wet the electrical connection. Do not to disconnect the electrical connector.



5. TEST RESULTS:

- **OK** ▶ No leak has occurred; the procedure is finished. No further action needed.
- **NOT OK** ▶ Air leak found (formation of bubbles). Replace the complete shock absorber assembly that is leaking following the procedure in the workshop manual.
 - a. **6.11.001 RH FRONT SHOCK ABSORBER** **Removal-Refitting or Replacement**
 - b. **6.11.002 LH FRONT SHOCK ABSORBER** **Removal-Refitting or Replacement**

6. Procedure complete.

Spare Parts

Only replace the shock absorber assembly that is leaking using the following PN:

Spare parts MASERATI GRECALE (M182)	PN	QTY
SHOCK ABSORBER SPRING GROUP FRONT LEFT M182	670305580	1
SHOCK ABSORBER SPRING GROUP FRONT RIGHT M182	670305582	1

Warranty claim

Complete your warranty claim as follows:

Description	Code
Rapid Update Number	632
Warranty code	23
Error code	063
Component Code	6.11.001
Operation Code <ul style="list-style-type: none"> ▪ Check ▪ Rework (1 side only) * ▪ Rework (2 sides) * 	6.11.001.A (0.20h) 6.11.001.B (0.75 h) 6.11.001.C (1.25 h)

*The rework must be added to the standard check