

MAS003733 RU 23-46

RAPID UPDATE

FROM: Maserati TSO

TO: Maserati Network



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

Rapid Update 658 Granturismo – Air springs Replacement

TECHNICAL SERVICE OPERATIONS



DATE: AUGUST 3 2023

Certain Maserati GranTurismo (189) MY24 listed in MODISCS+ are involved in a Rapid Update to replace the front shock absorbers.

The replacement of both air springs is necessary to improve the general performance of the system, preventing them from randomly deflating during very specific conditions such as full-lock steering maneuvers.

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 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.

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. Disconnect the battery, following the procedure in the workshop manual.
 - a. **08.20.001 - BATTERY - Connection/disconnection of the electric power supply**
3. **Replace both front complete shock absorbers:** following the instructions per the procedure in the workshop manual. (**Section 06.11 - 1 FRONT SHOCK ABSORBER DEVICES**)
 - a. **6.11.001 RH FRONT SHOCK ABSORBER. Removal-Refitting or Replacement**
 - b. **6.11.002 LH FRONT SHOCK ABSORBER. Removal-Refitting or Replacement**

Note: The shock absorber replacement procedure requires the use of a special tool to check the position of the suspension arms (Special tool part number **900029760** See workshop manual for more info)

Important: Replacement of all threaded components is **mandatory!**

Note: It is recommended to order spare parts for the screws and/or nuts that need replacement as well. The references for the necessary components can be found in the spare parts table within this bulletin.

Torque Specifications (workshop manual)	
Upper lever screw	65Nm (47.9 ft-lb)
Upper shock absorber retaining nuts	20Nm (14.8 ft-lb)
Shock absorber retaining nut	1. 60 N·m (44.3 ft-lb)
	2. 142.5° (2.487 rads)
	3. 110Nm ...190Nm (81.1 ft · lb...140.1 ft-lb)

4. Re-install all removed components, following the procedures in the reverse order of the removal sequence.
5. Perform a functional test.
6. Procedure complete.

Spare Parts

Note: During the first weeks of this campaign, please, order the needed spare parts **ONLY IF:**

- The vehicle is to be delivered to the final customer soon.
- Customer vehicles enter already scheduled.

Starting from the last week of September 2023 the greatest quantity will be available in our warehouse to be able to order the needed stock.

Please order the following PNs:

Spare parts MASERATI GRANTURISMO (M189)	PN	QTY
SHOCK ABSORBER SPRING GROUP FRONT RIGHT M189	670303906	1
SHOCK ABSORBER SPRING GROUP FRONT LEFT M189	670303902	1
Upper lever screw	670159150	2
Upper shock absorber retaining nuts	675001506	6
Shock absorber retaining nut	675001189	2

Warranty claim

Complete your warranty claim as follows:

Description	Code
Number of Rapid Updates	658
Warranty code	23
Error code	063
Component Code	6.11.001
Operation Code <ul style="list-style-type: none"> ▪ Air spring replacement (2 sides) 	6.11.001.D (1,10 h)