

MAS003786 RU 23-53

**RAPID UPDATE**

FROM: Maserati TSO

TO: Maserati Network



**Maserati**

PERSONAL SERVICE LAB

MASTERS OF CARE

# Rapid Update 669 Granturismo – Air Springs Check



DATE: OCTOBER 11 2023

Certain Maserati GranTurismo (M189) MY24 listed in MODISCS+ are involved in a Rapid Update which entails conducting an inspection procedure and, if necessary, replacing the front shock absorbers.

This action can be regarded as an extension of the earlier Rapid Update 658.

We kindly ask you to examine both front shock absorbers for the presence of a blue paint mark and conduct a leak test. Should you encounter any shock absorbers lacking the blue mark or failing the leak test, please proceed with their replacement.

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](mailto:Maseratitechsupport@maserati.com))

Thank You for your continued support and cooperation.

Maserati Americas  
Aftersales Dept.

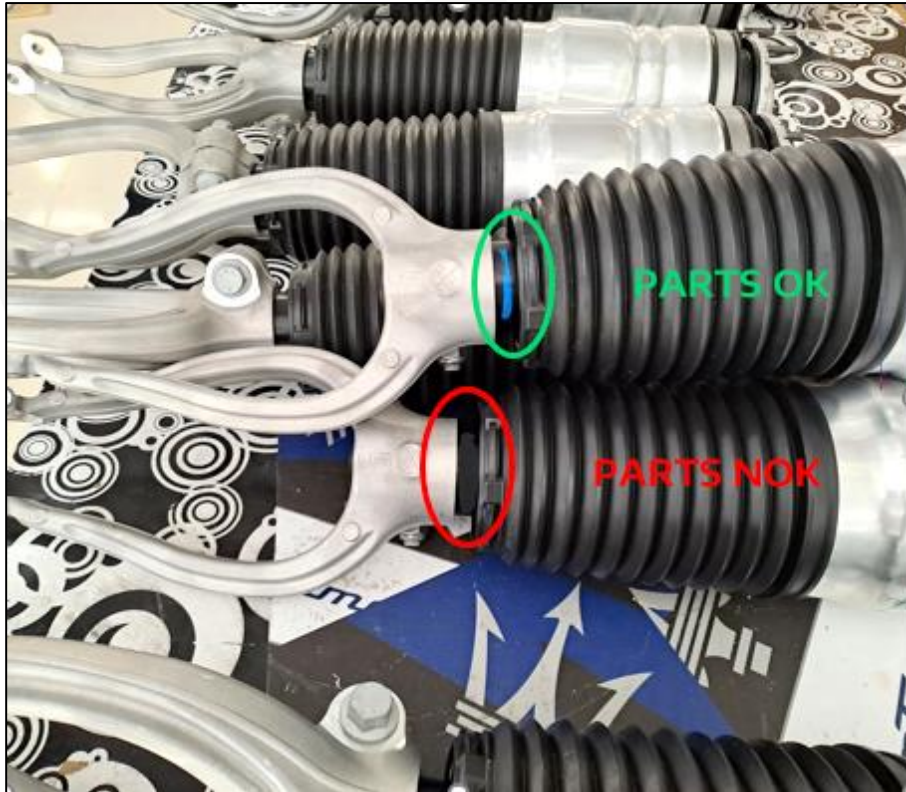
# Technical Procedure

 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. Disconnect the battery, following the procedure given in the workshop manual.

**a. 08.20.001 - BATTERY - Connecting/disconnecting the electrical power supply.**

3. Place the car on the lift so you can carry out the check. The area to check is the collar on the edge of the suspension body. It is necessary to check whether there is a blue mark.



**Note:** Inspection of the blue mark on the shock absorber can be checked without removing the wheel Using a **telescopic mirror** and flashlight.



4. Inspect both front left and right shock absorbers for the presence of the blue mark, if present perform a leak check per **step 8** below.

**5. INSPECTION RESULTS:**

- **OK ►** Blue Mark is present on both front shock absorbers and no leak is identified per the lock-to-lock procedure (**step 8**).
- **NOT OK ►** Blue mark is missing on one **or** both shock absorbers. Continue to **step 6** to replace the shock absorber(s) and continue with final steps outlined below.

6. **Only replace the shock absorber that has the missing blue mark,** following the procedure in the workshop manual.

a. **6.11.001 RIGHT FRONT SHOCK ABSORBER Removal-Refitting or Replacement**

b. **6.11.002 LEFT FRONT SHOCK ABSORBER Removal-Refitting or Replacement**

**FOR THIS ACTION ONLY:** Although the workshop manual states to replace the "Upper lever screw," it is not necessary for this action. See the Spare Parts Table on page 3 of this bulletin for components to be replaced.

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

<b>Torque Specifications (workshop manual)</b>	
Upper lever screw (Pos 15) <b>NOT TO BE REPLACED</b>	65Nm (47.9 ft-lb)
Shock absorber upper nuts (Pos 2)	20Nm (14.8 ft-lb)
Shock absorber nut( Pos 4)	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)

7. Re-install all removed components, following the procedures in the reverse order of the removal sequence.
8. Perform the lock-to-lock leak check procedure per **MAS003810**.
9. Procedure complete.

# Spare Parts

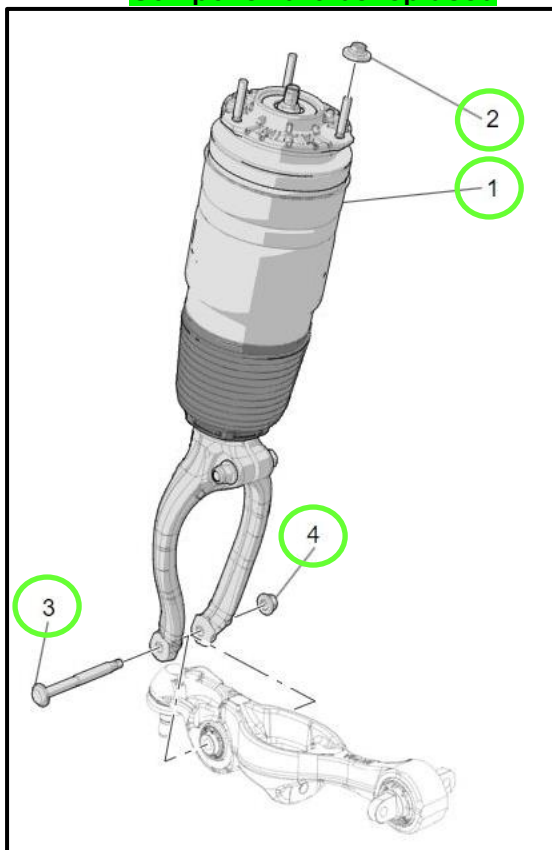
**ATTENTION! Only replace the shock absorber that has the missing blue mark.**

Use the VIN to order the following PNs via the Parts Catalog in TechDocs.

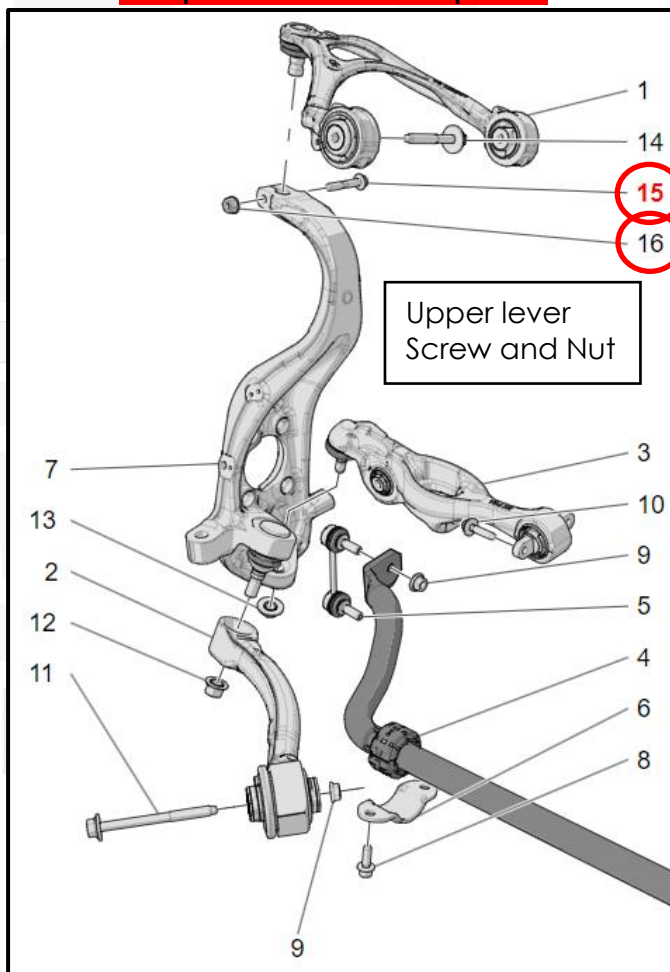
Please order the following PNs:

SPARE PARTS TABLE (M189)	Pos	PN	QTY
RH FRONT SHOCK ABSORBER	1	670309018	1
LH FRONT SHOCK ABSORBER	1	670309015	1
Shock absorber upper nuts	2	675001506	6
Shock absorber retaining screw	3	670159150	2
Shock absorber nut	4	675001189	2

**Components to be replaced**




**Components NOT to be replaced**



## Warranty Claim

Complete the warranty request as follows:

Description	Code
Rapid Update Number	669
Warranty code	23
Fault code	063
Component Code	6.11.001
Operation Code <ul style="list-style-type: none"> <li>▪ Check </li> <li>▪ Rework RH FRONT SHOCK ABSORBER DX</li> <li>▪ Rework LH FRONT SHOCK ABSORBER SX</li> </ul>	6.11.001.E (0.10h) 6.11.001.0 (0.65h) 6.11.002.0 (0.65h)

*Can be claimed with rework labor operations on a warranty claim if the check indicates that one or both front shocks need to be replaced.*