

MAS003715\_A RU 23-64

**RAPID UPDATE**

FROM: Maserati TSO

TO: Maserati Network



**Maserati**

PERSONAL SERVICE LAB

MASTERS OF CARE

# Rapid Update 585 MC20 – Rear axle shaft replacement

TECHNICAL SERVICE OPERATIONS



**ATTENTION! This document replaces MAS003715 RU 23-45. Please discard any paper copy of the previous bulletin**

**DATE:** NOVEMBER 14 2023

Certain Maserati MC20 and MC20 Cielo (M240) MY22 MY23 listed in MODISCS+ are involved in a Rapid Update to replace both rear axle shafts.

This replacement is necessary because the development of the project has led to an improvement of the component, guaranteeing better performance and a longer lifespan. Therefore, to offer our customers the best available technology, it has been decided to replace and update the vehicles that have already been sold.

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

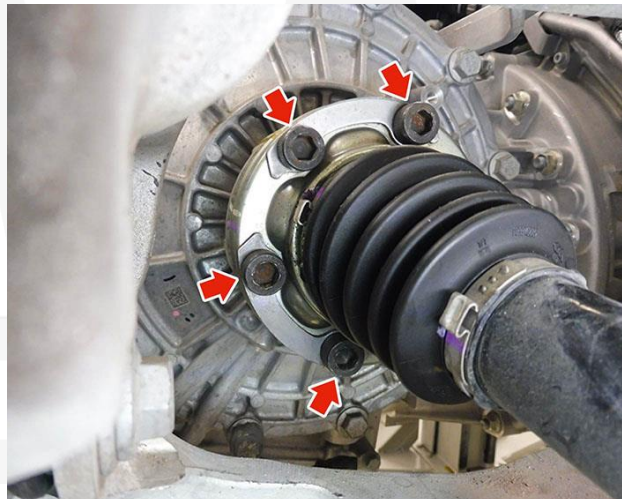
1. Always check ModisCS+ to see if the vehicle is involved in this action and if it has not been previously performed.
2. Disconnect the battery by following the relative procedure in the workshop manual:
  - **8.20.001.0 BATTERY Disconnect-Connect Power Supply**
3. **Completely remove and replace** the left and right drive shafts following the instructions in the workshop manual. (**Section 03.10 - 1 GEARBOX HOUSINGS**)
  - **03.21.002 - COMPLETE RH HALF SHAFT - Removal/refitting or replacement**
  - **03.21.003 - COMPLETE LH HALF SHAFT - Removal/refitting or replacement**

**NOTE:** Please visually inspect the inner shaft boot at the differential joint and its caps for any presence of grease and or torn boot. Be sure to clean all cap holes and surfaces from any residual grease.

 Remember to **always replace removed screws** with new ones per the workshop manual.

• **06.20.007 - RH REAR HUB CARRIER - Removal/refitting or replacement**

**NOTE:** during the disassembly procedure, if **broken screws** are found or the **threads** on the gearbox flange are **damaged** open a BOL report as "Support Request" for assistance.



4. **Use a Torque Wrench: Follow the workshop manual instructions!** Tighten/torque ALL screws following the sequence:

Tightening torque of the axle shaft screws - 03.10.145	
<b>1. TIGHTENING TORQUE</b>	30N ·m (22.1 ft-lb)
<b>2. ANGLE</b>	90° (1.57 rads)
<b>3. CONTROL TORQUE</b>	45N ·m (33.2 ft-lb)

5. Perform a vehicle alignment.
  - **06.90.000 - COMPLETE CAR SET-UP - Adjustments**
6. Carry out functional tests.
7. Procedure complete.

## Spare Parts

Order the following PNs.

Spare parts	PN	QTY
REAR DRIVE SHAFT KIT*	673015581	1
REAR DRIVE SHAFT SCREWS	670295832	12
Axle Shaft Nut	675000138	2
Hub to REAR SWINGING ARM & AXLE ROD Nuts	675001188	4
Hub to REAR UPPER LEVER Nut	675001194	2
Hub to REAR TOE-IN ADJUSTMENT ROD Nut	675001193	2

\*Please order only one kit per vehicle. Each kit includes both shafts (qty 2 total).

## Warranty claim

Complete the warranty claim as follows:

Description	Code
Rapid Update Number	585
Guarantee code	23
Error code	063
Component Code	03.21.002
Operation Code <ul style="list-style-type: none"> <li>▪ Rework</li> </ul>	03.21.002.A (4.60 h)