

MAS003715 RU 23-45

**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



**DATE:** AUGUST 3 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 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

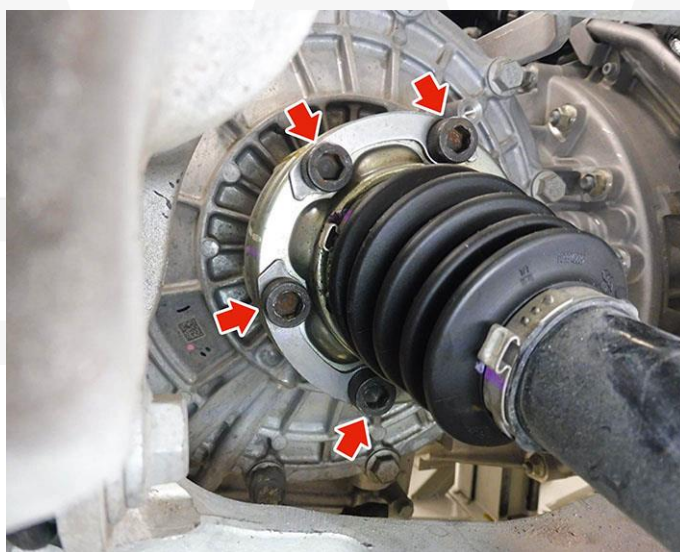
 All images shown in this bulletin are for illustrative purposes only

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. If thread lock has been used, refer to the following bolt-cleaning chart.
  - **00.AB.065 - CLEANING TABLE FOR THREADED ELEMENTS**
4. **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.

**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.



5. **Use a Torque Wrench:** Follow the workshop manual instructions and tighten/torque ALL the screws.

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)

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

## Spare Parts

The shaft replacement is crucial for our customer satisfaction. During the first phase of this campaign, we are going to have limited spare parts availability. Overall, there should be enough to support this campaign.

We kindly request you not to order any parts in advance. Instead, please order one kit as soon as the service entry is booked to be ready to act as soon as the vehicle enters the workshop.

**REMINDER:** This campaign is mandatorily set to avoid vehicles from being released without performing this action. Therefore, good scheduling management is crucial to ensure customer satisfaction.

Order the following PNs.

Spare parts	PN	QTY
REAR DRIVE SHAFT KIT	673015581	1
REAR DRIVE SHAFT SCREWS	670295832	12

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

## Warranty claim

Complete your 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)