

MAS003644 RU 23-35

**RAPID UPDATE**

FROM: Maserati TSO

TO: Maserati Network



**Maserati**

PERSONAL SERVICE LAB

MASTERS OF CARE

# Rapid Update 646 MC20 & MC20 Cielo – Check side mirrors



DATE: JULY 24 2023

Certain Maserati MC20 and MC20 Cielo (M240) MY23 listed in MODISCS+ are involved in a Rapid Update to verify the integrity of the wiring of the external side mirrors.

Due to an assembly problem, it is possible that on some cars the internal wiring to the external rearview mirror may have been pinched. In the long run, this can lead to deterioration of the wiring and lead to malfunctions in the mirror movement system.

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.

# 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 12V battery by following the procedure in the workshop manual:
  - a. **08.20.001 - BATTERY - Connection-disconnection of power supply**
3. Following the procedure indicated in the workshop manual, remove the side mirror.
  - a. **9.35.001 OUTSIDE MIRROR PASSENGER SIDE Removal-Refitting or Replacement**  
**NOTE: Both rear view mirrors must be inspected!**
4. Once removal has been carried out, check the integrity of the wiring, paying attention and identifying pinch marks or damage as shown in **Figure 1**.  
**Note:** Refer to the image below to understand the type of damage that can be found



FIGURE 1

## 5. Inspection results:

- **OK ► No sign of pinched or damaged wiring harness:** Reassemble the mirror. Proceed with the utmost care and attention when reassembling the mirror, reassembling all the removed parts by following the removal procedure in reverse order. No further action needed.
- **NOT OK ► Wire harness is pinched and/or damaged:** The mirror motor assembly **must** be replaced. **Continue to Step 6:** Examples are shown in **Figure 2**.

**NOTE:** Take care not to scratch or damage the painted surfaces. Use masking tape if necessary.

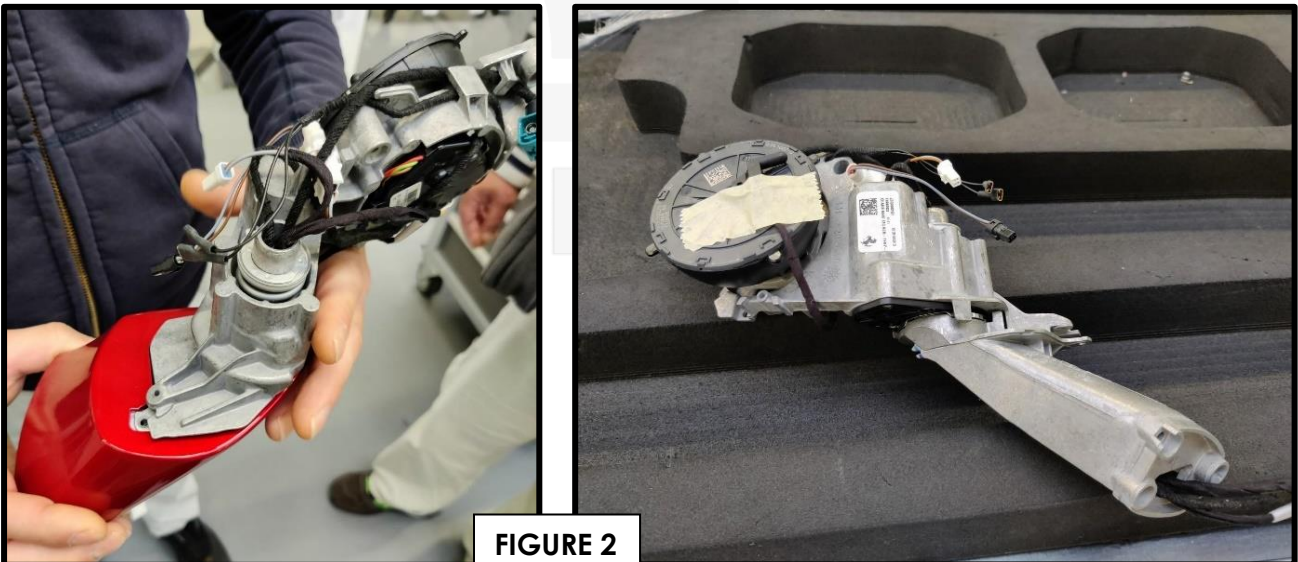
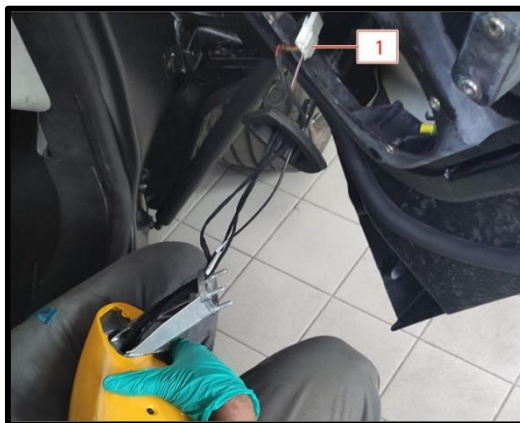


FIGURE 2

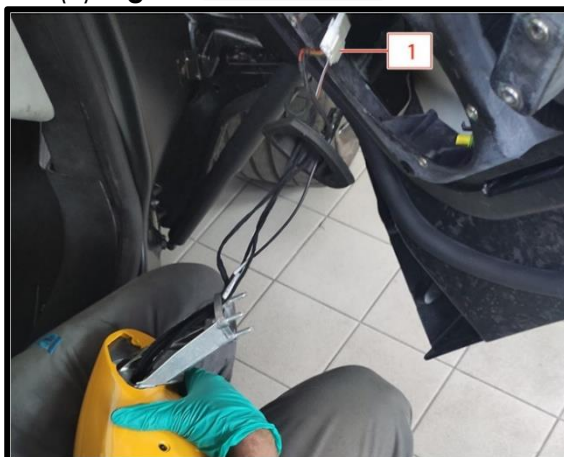
- To replace the motor assembly, it must be removed from the mirror housing following the procedure described in this bulletin in the following steps.
- Connected the external rear view mirror connector to the door harness (1) (as shown in **Figure 3**) and reconnect the 12V battery according to the procedure indicated in the workshop manual. **08.20.001 – BATTERY - Power supply connection – Disconnection**

**FIGURE 3**

- Once the mirror has been connected to the vehicle's electrical system, close the external rear-view mirror to access the screws indicated in **Figure 4** and remove them.

**FIGURE 4**

- Once the screws have been removed, it is possible to reopen the mirror and disconnect the 12V battery again.
- Disconnect the connector (1). **Figure 5**

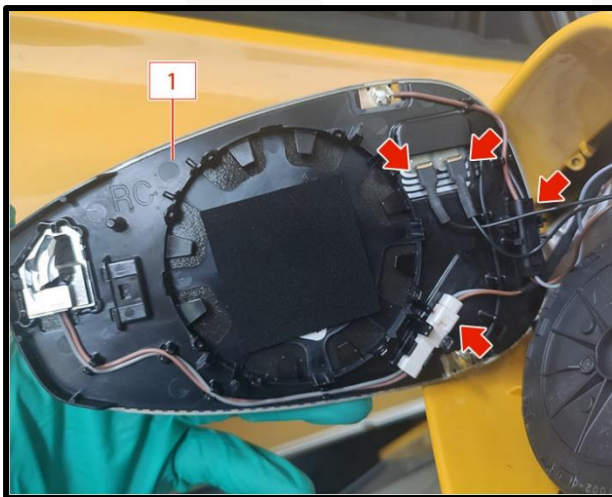
**FIGURE 5**

11. With the utmost care, using a plastic trim removal tool, remove the external glass of the rear-view mirror (1). **Figure 6**



**FIGURE 6**

12. The internal mirror links are now visible. Disconnect the indicated connectors. **Figure 7**



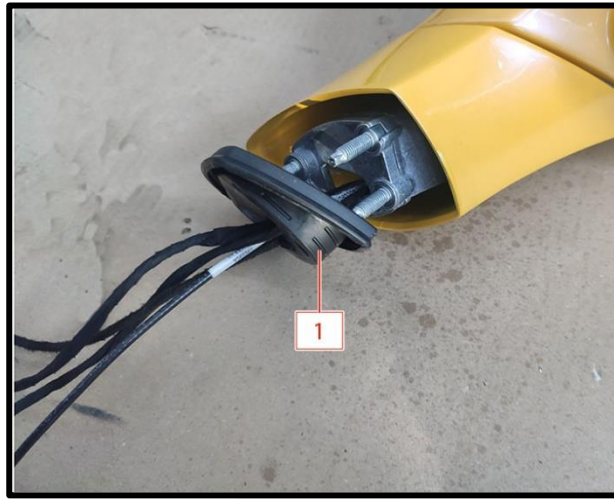
**FIGURE 7**

13. Undo the indicated screws. **Figure 8**



**FIGURE 8**

14. Remove the gasket (1). **Figure 9**



**FIGURE 9**

15. Slide the mirror base (1) and the entire mirror body outwards as shown. **Figure 10**



**FIGURE 10**

16. At this point it is possible to replace the rear-view mirror motor assembly, reusing the rear-view mirror assembly housing.

17. Reassemble all removed parts following the removal procedure in reverse order.

18. Perform a functional test.

19. Carry out the same procedure on the other side of the vehicle as well.

20. Procedure complete.

# Spare Parts

Replace the component **ONLY** if the inspection did not pass (**NOT OK**):

Please order the following PNs, referring to the spare parts catalog and following the indications contained in the included VIN-List.

**Use the included VIN list to order the correct PN using the VIN**

Complete VIN	VIN	Status	PN
ZAMBMRAB1P0413312	413312	95	A
ZAMBMRAB4P0430864	430864	93	B
ZAMBMRAB5P0418917	418917	90	A
ZAMBMRAB0P0434967	434967	91	A
ZAMBMRABXP0430870	430870	90	B

Type	Spare parts	PN	QTY
Type A	LEFT EXTERIOR MIRROR	670293592	1
	RIGHT OUTSIDE REARVIEW MIRROR	670293584	1
Type B	LEFT EXTERIOR MIRROR	670293591	1
	RIGHT OUTSIDE REARVIEW MIRROR	670293588	1

## Warranty claim

Complete your warranty claim as follows:

Description	Code
Rapid Update Number	646
Cost code	23
Error code	063
Component Code	9.35.001
Operation Code	
<ul style="list-style-type: none"> <li>▪ Check 2 sides</li> <li>▪ Check 2 sides + Substitution 1 side</li> <li>▪ Check 2 sides + Substitution 2 sides</li> </ul>	9.35.001.A (1.60 h) 9.35.001.B (1.85 h) 9.35.001.C (2.10 h)