

MAS004040 RU 24-07

RAPID UPDATE

FROM: Maserati TSO

TO: Maserati Network



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

Rapid Update 705 MC20 Cielo – Gearbox Oil Leak Check



DATE: MARCH 7, 2024

Certain Maserati MC20 (M240) Cielo MY23 MY24 listed in MODISCS+ are involved in a Rapid Update to address potential oil leaks that may present themselves during the use of the vehicle.

Some vehicles may have been fitted with components that could potentially leak. However, this does not affect the functionality of the component and should be considered exclusively as an aesthetic defect.

To ensure the quality of Maserati vehicles, we ask you to replace the components indicated in the VIN List with the aim of avoiding any possible anomaly in the future.

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.

Thank You for your continued support and cooperation.

Maserati North America
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. Before proceeding, use the VIN list to determine which actions to be performed:
 - Gearbox oil filter cover replacement

Or

 - Complete Gearbox replacement

Use the below VIN list to verify the correct actions to be performed for each VIN

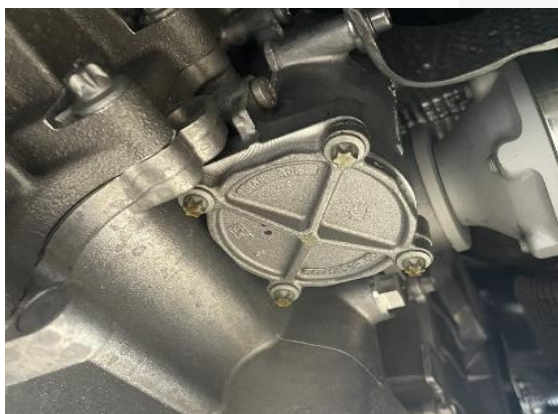
Model	Complete VIN	Component to be replaced
MC20 Cielo MY23	ZAMBMSAB9P0444489	Filter Cover
MC20 Cielo MY24	ZAMBMSAB4R0448808	Filter Cover
MC20 Cielo MY24	ZAMBMSAB7R0449855	Filter Cover

Model	Complete VIN	Component to be replaced
MC20 Cielo MY23	ZAMBMSAB0P0440475	Complete Gearbox
MC20 Cielo MY24	ZAMBMSAB0R0449101	Complete Gearbox

Gearbox Oil Filter Cover Replacement

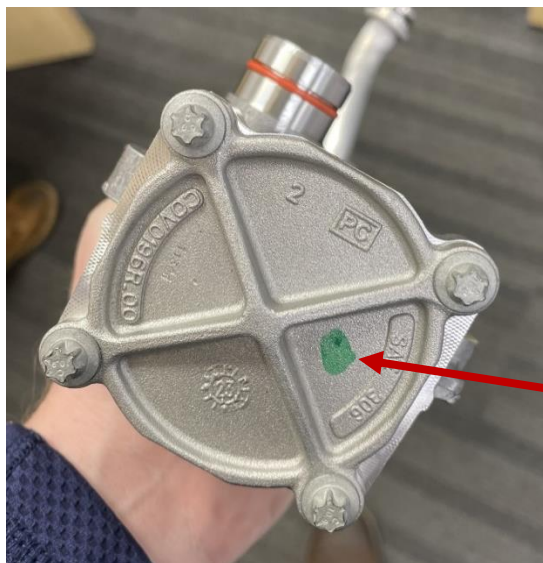
1. Due to a potential oil leak around the oil filter cover, it is necessary to replace it following the Instructions outlined in the workshop manual.

SECTION 03.10 – 1 (Procedure N. 3.10.157 GEARBOX OIL FILTER CARTRIDGE Removal-Refitting or Replacement)



Example of oil leak around the oil filter cover

IMPORTANT: For this action it is necessary to use only new components that have a recognition mark as shown in the following image. The use of unmarked components does not guarantee the success of the operation.



2. Perform the **DTCM purge cycle procedure** as instructed on **page 4** of this bulletin to ensure that there are no residual leaks

Gearbox Replacement

1. Due to a potential oil leak around the differential area of the gearbox, it is necessary to replace the entire gearbox assembly following the instructions outlined in the workshop manual.

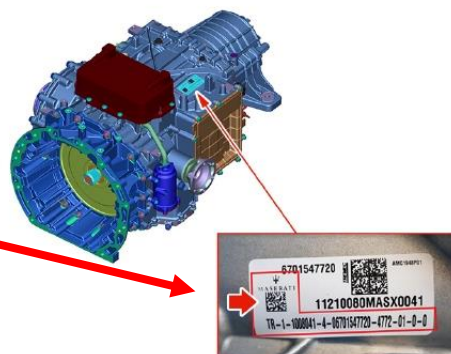
IMPORTANT! READ THE WORKSHOP MANUAL COMPLETELY BEFORE PROCEEDING WITH THE REPLACEMENT.
SECTION 03.10 – 1 (Procedure N. 03.10.060 15 COMPLETE AUTOMATIC GEARBOX – Replacement)



Example of oil leak around the differential area

2. Perform the **DTCM purge cycle procedure** as instructed on **page 4** of this bulletin to ensure that there are no residual leaks

TECH TIP: Before installing the new Gearbox into the vehicle, take a clear picture of the QR code tag located on top of the gearbox as it may not be accessible/visible once installed after finishing the replacement. The QR code is needed to “Register” the new Gearbox to the vehicle using the EVO. (See the workshop manual for details)

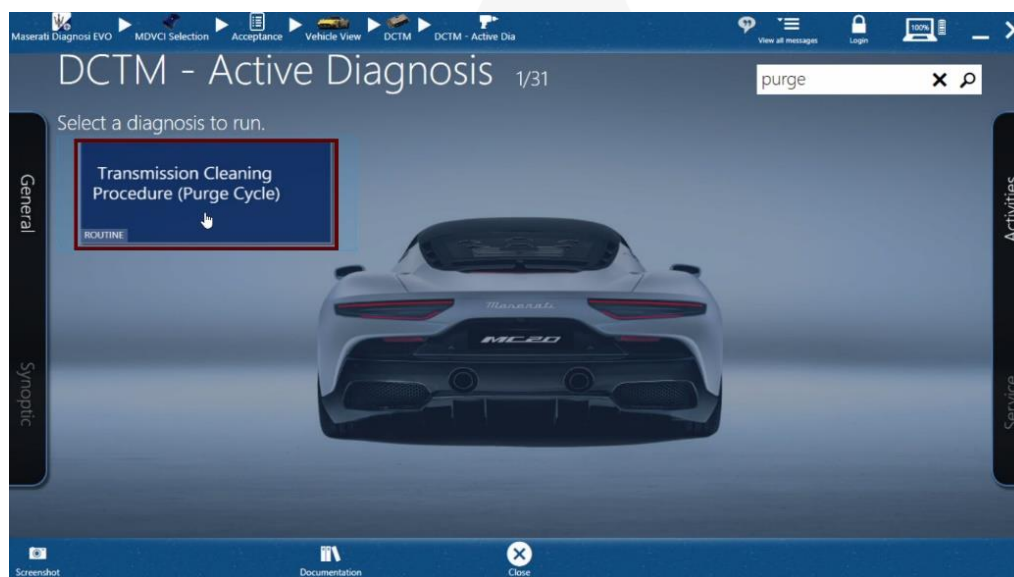


DTCM purge cycle procedure

Use the EVO to perform the DTCM purge cycle procedure via "Active Diagnosis" Tab.

1. **Before proceeding, ensure that the following preconditions are met:**
 - a. Engine running.
 - b. Brake pedal fully depressed.
Warning: if the brake pedal is released, the procedure will stop immediately.
 - c. Change to N.
 - d. Parking brake ON.
2. Select: DCTM ► Active Diagnosis ► Transmission Cleaning Procedure (Purge Cycle).

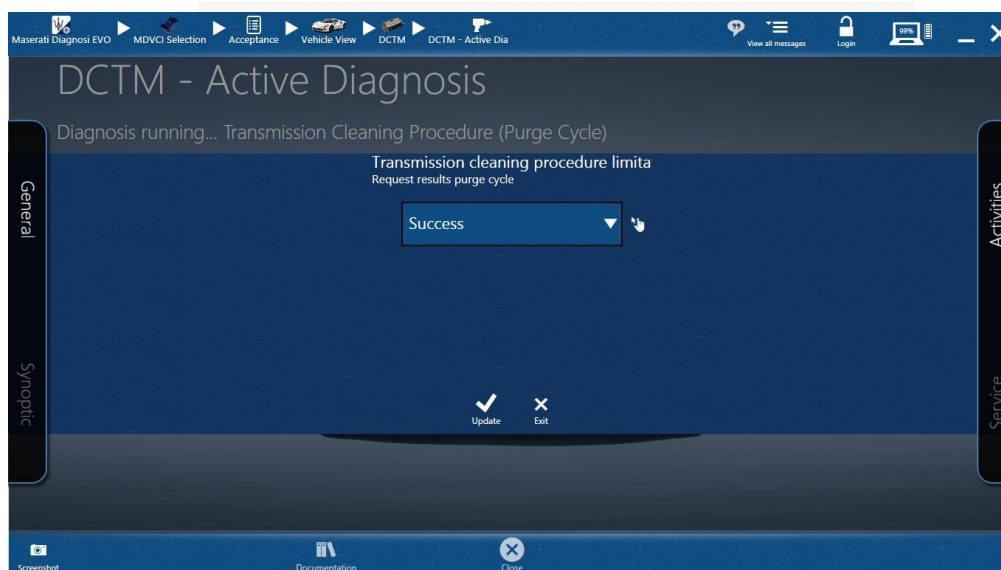
Note: The engine will increase to 3000 rpm for approximately 15 minutes.



3. The cycle can be considered completed when the engine returns to idle.

Note: No message will appear automatically. When the engine returns to idle, press "Update" to see if the "Success" message appears.

Note 2: Release the brake pedal ONLY if the "Success" message appears.



4. Repeat the procedure **3 (three) more times**.
5. Procedure complete.

Spare parts

Consult the VIN list attached to this bulletin to order the correct components.

Spare parts for Gearbox replacement (**)	PN	QTY
CPL AUTOMATIC TRANSMISSION* (*check the parts catalog for the correct number to order)	670299315	1
	670299316	1
	670175118	1
GEARBOX oil TITAN FFL-4 FUCHS - SAE 75W / API GL-4 / GETRAG (PWA05043).	980900002	12
HALF SHAFT SCREWS	670295832	12

Oil Filter Cover Replacement (**)	PN	QTY
GEARBOX oil TITAN FFL-4 FUCHS - SAE 75W / API GL-4 / GETRAG (PWA05043).	980900002	to taste
TRANSMISSION FILTER COVER	673011251	1
GEARBOX OIL FILTER KIT	673011242	1

Note: PN listed for the fluids are warranty claim PNs **NOT** part numbers for a part.

(**) For all small parts (clamps, collars, gaskets, etc..) that need to be replaced, refer to the workshop manual

If refilling fluids (e.g. Engine Oil, A/C Refrigerant, Coolant, or Gearbox Oil) Insert the correct quantities used, as shown in the table available in the workshop manual.

Section AB.060 INITIAL LIQUID SUPPLY TABLE

Please add the ratio of the refill procedures to the quantities of liquids refilled to your warranty request.

The refund of this amount must be managed as a Sublet, using the values in the Table to calculate the total value.

Description	Reimbursement
GEARBOX oil TITAN FFL-4 FUCHS - SAE 75W / API GL-4 / GETRAG (PWA05043).	\$28.34 x 1 litre.
Cooling liquid PETRONAS Paraflu UP (1681)	\$11.99 x 1 litre.

IMPORTANT NOTE: In some markets, the purchase price of the various fluids may be significantly higher than the values in the table. To request a refund exceeding the values indicated in this bulletin, it will be necessary to attach a copy of the local purchase invoice to the complaint.

Warranty Claim

Complete the warranty claim as follows:

Description	Code
Rapid Update number	705
Warranty code	23
Fault code	063
Component Code	3.10.060
Operation Code <ul style="list-style-type: none"> ▪ Rework – Filter Replacement ▪ Rework – Gearbox Replacement ▪ Purge Cycle (additional) 	3.10.157.0 (0.45 h) 3.10.060.1 (14.55 h) 3.10.147.F (0.75h)

Note: For the warranty request relating to refill fluids, attach the machine receipt with the correct quantity of fluid inserted into the complaint.