

Circular Letter

FROM: Maserati TSO

TO: Maserati Network



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

Ghibli And QP Rear Differential Service Info

DATE: October 3, 2024

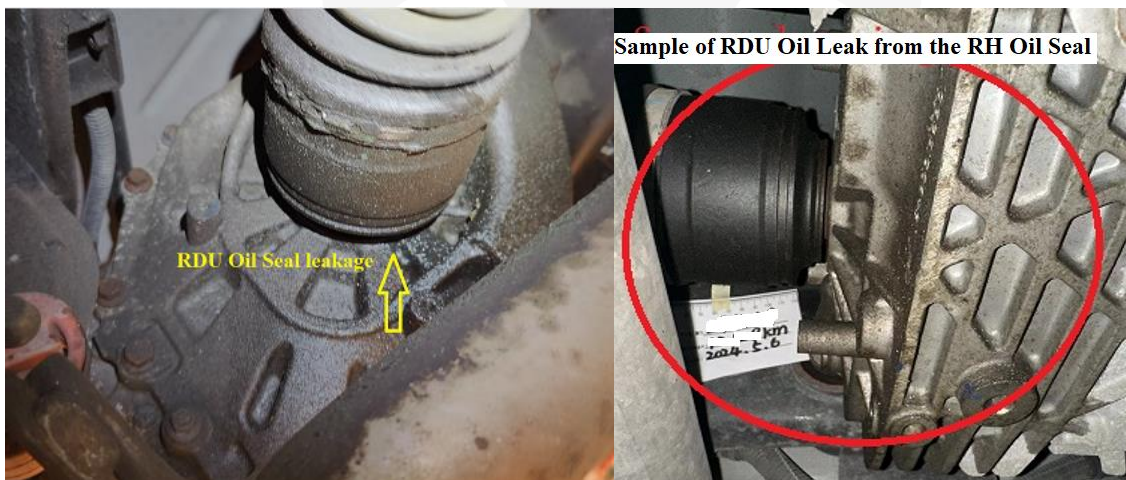
This bulletin serves as a guide and provides some additional important info for servicing/repairing the rear differential axle seals on certain Maserati vehicles.

MODELS:

- M157 Ghibli (All MY)
- M156 Quattroporte (All MY)

Service Information

As of this bulletin's release, rear differential seals (axle seals) are now available for oil leak issues. Moving forward, all repairs related to this specific issue under warranty (for ALL cost codes) must be completed using new seals, following the instructions provided below. Replacement of the entire rear differential is no longer necessary for oil leak seal issues and may be rejected if claimed. Please be sure to take "time stamped (with VIN) pictures" of the oil leak prior to submitting the warranty claim.



Rear Differential Vehicle Application Information

For your information only. Do not use these PN to order the complete rear diff for oil leak issues.

Rear Differential assemblies are installed on the following Maserati vehicle trim models with the follow Part Numbers:

Model Trims	Transfer case PN installed
<ul style="list-style-type: none"> M157 Ghibli (All MY) Quattroporte (All MY) 	<p>670039125 670220108 670039126</p>

Rear Diff Oil Seal Repair Information

This section provides repair information for the replacement of the rear Differential Seal.

- **Workshop Procedure:**
 - (Section 03.21 - 1) Procedure N. 03.21.033 16 RH DIFFERENTIAL FLANGE SHAFT OIL SEAL
- **Tools** – 900100020 Insertion guide for oil gasket M15x rear differential (See workshop manual for details)

Lubricant – to perform the repair, it is necessary to completely refill the rear differential. The quantity of a COMPLETE differential refill is 1.3 liters. The oil is GM FRICTION MODIFIED FUEL EFFICIENT HYPOIDGEAR LUBRICANT SAE 75W-90.

The oil can be ordered directly to **Sepal SRL** located in Italy through a mail contact at the following addresses:

sepal@sepalsrl.it

p.torreggiani@sepalsrl.it



0.5 Liter Bottle shown

The oil is available in the following formats:

Sepal P/N	Number of bottles	Total quantity [liters]
8303H01	1 by 0.5 liters	0.5
8303H02	2 by 0.5 liters	1
8303H03	3 by 0.5 liters	1.5

The information to be communicated to the Distributor are detailed in the ATTACHMENT A included in this bulletin. The attachment should be sent to the above mail addresses.

The response time could vary from 24h to 48h; transit time vary by the location. The shipment is available worldwide.

Parts Information

Always use the VIN when looking up parts!

See below list of parts necessary for oil seal replacement. Please note that both fill and drain plug replacements are required anytime they are removed.

Maserati P/N	Quantity	Description
673014534	1	Fill plug (Mandatory replacement)
673014535	1	Drain plug (Mandatory replacement)
673014536	2	Output seal

If you have questions or concerns. Please contact the Parts Dept or Technical Support HelpDesk