

MAS004385 MCL 25-12

Circular Letter

FROM: Maserati TSO

TO: Maserati Network



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

Serviceability of Crossover and Water Pump



DATE: March 5 2025

MODELS: M156 Quattroporte, M157 Ghibli and M161 Levante (All MY)

This communication is intended to provide important information on the serviceability of the Crossover and Water Pump installed on Maserati vehicles. To properly face a recurring issue affecting the Crossover of V6 engines, from today it's possible to replace the Crossover, instead of the complete Timing System Front Cover. Taking this opportunity, we remind you that also the Water Pump can be replaced independently from the complete Timing System Front Cover.

TECHNICAL SERVICE OPERATIONS

Examples of leaks

- 1) In some cases, an engine coolant leakage has been detected from the **Crossover** (especially for those built in plastic material) according to pics below:



Sample pics. of Crossover – Engine Coolant leak



1) Sample pic. of Crossover built in Plastic Material (more frequent coolant leak area highlighted).



1) Sample pic. of Crossover built in Aluminum.

- 2) In a minor number of cases, an engine coolant leakage from the **Water Pump** has been detected, according to pics. below.

- 3) In some others the Water Pump has been found noisy.



2) Sample pic. of engine coolant leakage from the Water Pump



2) Sample pic. of a Water Pump removed from the engine.

From now on, each repair related to these specific issues and claimed in warranty (valid for ALL cost codes), must be performed by using the single Crossover and/or the Water Pump only and not the complete Timing System Front Cover as done up till today.

Components Details

The following P/N of Crossover and Water Pump can be serviced:

- **291773 – Crossover**
- **878648 – Water Pump**

The above P/N are installed on:

- Levante – all MY, V6 GASOLINE
- Quattroporte – all MY, V6 GASOLINE
- Ghibli – all MY, V6 GASOLINE

Components that can be serviced and available as spare parts are represented in the pictures below:



Furthermore, due to the need of Crossover Gasket replacement during the Crossover replacement, a dedicated P/N is now available:

- **280912 – Crossover Gasket**

Please always refer to the Technical Documentation for the latest updates or contact Maserati Helpdesk.

Workshop Procedure

The procedure for replacement of the Crossover and Water Pump are published in the Technical Documentation in the sections:

01.71.178 – Crossover

01.72.001 – Water Pump

Tools

No Special Tools are needed to perform the replacement of the aforementioned components.