

Technical Info

FROM: Maserati TSO

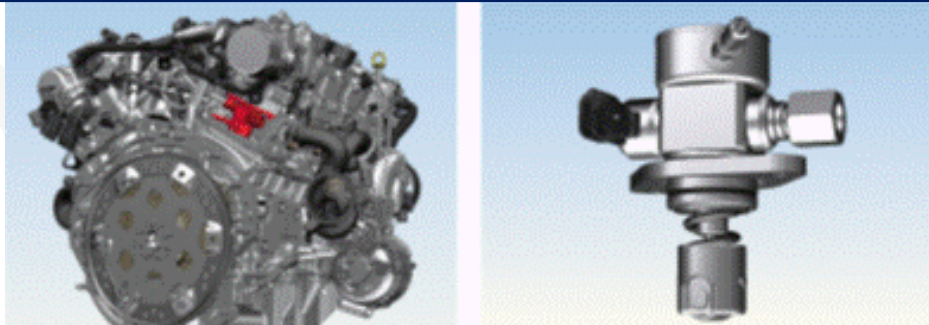
TO: Maserati Network



PERSONAL SERVICE LAB

MASTERS OF CARE

V6 ECM DTC P0090 – Investigation required



DATE: JUNE 9 2023

MODELS: MY23 Ghibli (M157), Quattroporte (M156) and Levante (M161) equipped with V6 Petrol engine

TOPIC: We are tracing some cases in field on Gasoline V6 MY23 vehicles related to the storage in ECM of the DTC P0090 - Fuel Pressure Regulator 1 Control Circuit Open linked to engine warning light on and limp home mode

This DTC is stored in case the ECM detects a driving current value of GDI pump MSV valve lower than 0,7 [A] for more than 500 ms.

CAUSE: under investigation

ACTION: In case of management of a similar case, it is requested not to carry out any repair or replacement intervention and to carry out the following diagnostic steps and open a Blue on Line as a Support Request providing the following information:

- 1) Ask the customer for the number of occurrences of the anomaly, the frequency and the conditions in which it occurred
- 2) Confirm whether the anomaly is reproducible or not
- 3) Save a complete vehicle scan report (DTC + Parameters)
- 4) Check that the ECM M101-B connector is correctly connected/secured and take a picture without removing it
- 5) Remove the ECM M101 -B connector and visually inspect PINs 85 and 86 both on the connector side and on the control unit side (attach photo). Check for any connector deformation, setback or pin contamination.
- 6) If no anomalies are found, install the connector again and check whether the anomaly is reproducible or not.
- 7) Open a Blue On Line as Support Request providing the outcome of the suggested checks. Maserati technical support will provide further instruction on the next steps of the diagnosis/repair. A field visit will also be evaluated for potential European cases.

Contact the Technical Support Helpdesk if you have any questions. (Maseratitechsupport@maserati.com)