

Technical Information

FROM: Maserati TSO

TO: Maserati Network



PERSONAL SERVICE LAB

MASTERS OF CARE

DC/DC Converter Failure

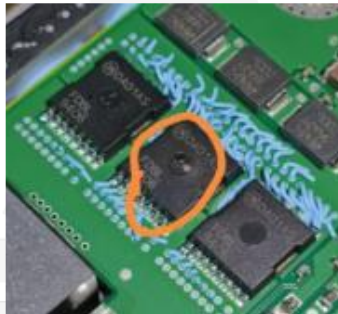
DATE: February 4 2025

This Technical bulletin serves as a guide and provides additional info related to a specific failure mode encountered on the DC/DC converter of the MHEV versions.

SECTION: 08.20.4 Energy generation and accumulation

MODEL: Grecale (M182) MHEV version (All MY)

PROBLEM: The analyzes performed on a consistent number of DC/DC converters returned from the field have highlighted a failure mode compatible with an electrical overstress attributable to a 12V reversal of polarity or to an incorrect sequence of operations performed during a Jump start.



The DTCs stored in APM associated with such a fault condition are of type P0A8FFX and most commonly one or a combination of the following:

0A8F00 - Converter System Performance CC/CC

0A8F05 -DC to DC Converter System Performance-Gate driver Supply 2

0A8F07 -DC to DC Converter System Performance-Power supply low 3

NOTE: MCPA could appear as non-communicating with MDEVO in conjunction with this anomaly even if properly functioning; therefore such a condition must not be further investigated.

CAUSE: The jump start procedure available on the Owner's manual has not been correctly performed, causing a polarity reversal or electrical overstress due to an incorrect sequence of operations performed.

ACTION: In case of handling a case technically compatible with this failure mode, **we ask to verify the service history of the car and whether the customer has recently complained of an event 12V battery discharged with consequent jump start or if the car has been assisted by road assistance.**

Report through Blue on Line such information for proper attribution of technical root cause.

NOTE: In accordance with the Warranty policies detailed in the White Book, we remind you that all interventions for which the incorrect application of a technical procedure or negligence should be detected could not be authorized under contractual warranty.

Please do not hesitate to contact us for any questions you may have.

Kind regards,

TECHNICAL SERVICE OPERATIONS