



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

MC20 – DTC 81151B, 81141B Right/Left curtain airbag - circuit resistance over the threshold

ATTENTION! This bulletin supersedes [MAS003820 MTB 24-24](#) released on may 24, 2024. Please discard/remove all copies of the previous bulletin.

DATE: December 5, 2024

This Technical bulletin serves as a guide and provides additional diagnostic info for possible DTCs 81151B and 81141B stored in the ORC. BOL required.

MODELS: M240 MC20 and MC20 Cielo (All MY).

SECTION: 07.06 -1 Air Bag System

CONCERN: Airbag warning light on and storage of DTC 81151B Right curtain airbag - circuit resistance over the threshold or 81141B Left curtain airbag - circuit resistance over the threshold in ORC

ACTION: For correct diagnosis and repair, please note that starting from car assembly date of 22 September 2022 (Chassis 409912) the connectors of the right and left curtain airbags are no longer integrated into the door panel wiring but provided as a separate component (Component #14 in table 08.60 - 2 MAIN WIRINGS).



This modification allows avoidance of any accidental tensioning of the cable when removing the door panel.

Due to this modification, the door panel wiring is therefore no longer involved in the circuit and does not need to be diagnosed and/or replaced.

The components subject to diagnosis must therefore be the following:

- SIDE CURTAIN AIR BAG MODULE (Component #7 and 8 in table 07.06 - 1 AIR BAG SYSTEM)
- DOOR PANEL BRIDLE (Component #14 in table 08.60 - 2 MAIN WIRINGS))
- FRONT DOOR HARNESS (Component #4 in table 08.60 - 2 MAIN HARNESS))

For correct diagnosis of the anomaly we suggest:

- 1) Save a complete PDF scan report of the ORC and check the resistance of the airbag circuit relating to the DTC using the Maserati scan tool. The resistance specification is 3 Ohms. See image below for reference;

Variable: 1A1A - Left Curtain Airbag Left Curtain Airbag	3 ohm
Variable: 1A1D - Right Curtain Airbag Right Curtain Airbag	3 ohm

- 2) Disconnect the 12V Battery
- 3) Remove the door panel and **visually** inspect the wiring/connectors. **DO NOT** disconnect the electrical connections of the curtain airbag and the door panel bridle/related wiring. Take pictures of the relevant yellow connections and any anomalies found.

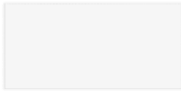
NOTE: when dismantling the door panel, pay the utmost attention to carefully release the connection retaining plastic clip illustrated in the right image below.



It is required to open a Blue on Line as **'Support Request'** by providing:

- Evidence of any previous repairs carried out on the door
- Complete scan report (DTC + Parameters) of all modules
- Detailed pictures of the connections as indicated above

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



TECHNICAL SERVICE OPERATIONS