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Document Information

Location: Electrical & Interior

Topic: Guide to diagnosing ambient lighting faults and/or high battery current drain

Condition: Permanent

Diagnostic Trouble Codes: BC - U130188 Body LIN2 General Bus Off

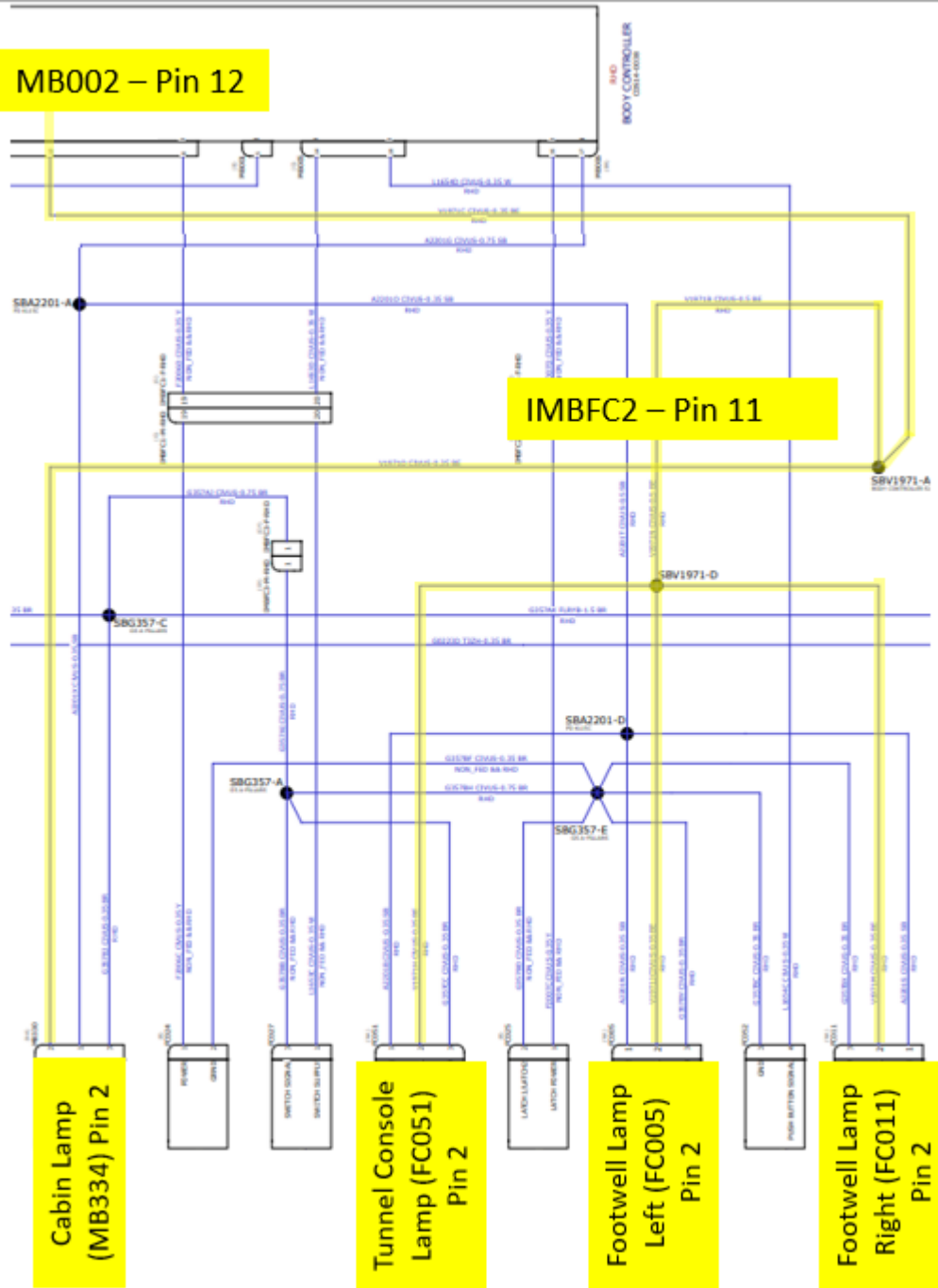
Measure

If "U130188 Body LIN2 General Bus Off" is present in the BC module, with a customer complaint of ambient lighting not working and/or high battery current drain, please follow the below guidance.

LIN 2 is the control circuit for the ambient lighting. If this wire is disconnected or damaged this will result in an ambient lighting failure. Please See Image 1.1 for LIN2 wire routing.

MB002 – Pin 12

IMBFC2 – Pin 11



For efficient diagnoses of the fault, it is recommended to disconnect and inspect the connections and pins at the below points -

- BC MB002 - Pin 12
- Cabin Lamp MB334 - Pin 2
- Tunnel Console Lamp FC051 - Pin 2
- Footwell Lamp Left FC005 - Pin 2
- Footwell Lamp Right FC011 - Pin 2

Care Point - Pay close attention to the wiring in these areas, ensure the harness is not trapped or squashed.

If the above connections and associated pins are visually correct, please proceed to test for electrical continuity between Pin 2 on each lamp unit separately, to Pin 12 MB002 to identify if harness has a short or breakage. Please carry out wiring checks with all consumers and control modules disconnected.

Once the above checks and tests have been carried out, and if the fault is still present, please proceed to open a Technical Request for further assistance.

Care Point - Wiring diagrams for McLaren GT can be found in SIS, under the "Repair Instruction" tab, then followed but the "P22 Wiring Schematics" section as per Image 1.2.



Image 1.2 - Wiring Diagram Location

Parts Information

N/A

Attachments

N/A

KA Update Information

22/09/2021 - First Release

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