

SAFETY RECALL NOTICE

Urgent – Please Review

McLaren Voluntary Safety Recall

McLaren GT Driver's Airbag Resistance Check

Bulletin type:	Safety Recall Campaign
Reference number:	N/A
Campaign reference:	SRC XXXX XXXX
Attention:	All Retailer Staff
Affected vehicles:	McLaren GT Model years 2019-2021
Situation:	Voluntary Safety Recall - The connection between the driver airbag and the occupant restraint controller may not have been fully engaged, whereby the connector is connected but the secondary locking tab is not locked.
Procedure:	Please refer to the information outlined in this document to complete the checks required
Date:	XX XXX XXXX

Urgent Safety Recall Campaign – McLaren GT Driver's Airbag Resistance Check

- Beginning on **Thursday, 17th March 2022**, Retailers should contact customers and make service appointments as soon as reasonably practical
- Repairs are to be performed by any McLaren Authorised Retailer, regardless of where the vehicle was purchased

For more details, please read the bulletin below.

This bulletin will cover:

1. Customer Notification Process
2. Immediate Action Required
3. Overview
4. Check Procedure for Affected Vehicles
5. Warranty Information
6. Affected Vehicles

1. Customer Notification Process

McLaren will commence the mailings of letters (example attached) to affected owners on **Thursday 17th March**. Customer data has been extracted from McLaren's central CRM database, and in line with National Highway Traffic Safety Administration (NHTSA) and Transport Canada as the case may be, guidance for voluntary safety recalls, letters must be issued in the first instance and follow up communications can then be sent via email or other contact methods.

Email campaign templates will be made available to enable retailers to follow up using approved marketing assets. These will be made available via the McLaren Marketing Suite (MMS):

<https://www.mclarenmarketingsuite.com>

2. Immediate Action Required

Beginning on **Thursday, 17th March 2022**, Retailers should contact customers and make service appointments as soon as reasonably practical. Repairs are to be performed by any McLaren Authorised Retailer regardless of where the vehicle was purchased. Retailers must not refuse to repair a vehicle because it was not purchased from their location.

3. Overview

McLaren have launched a voluntary safety recall on the affected vehicles listed in section 6 of this bulletin.

This voluntary recall relates to a potential risk that the connection between the driver's airbag and the occupant restraint controller may not been fully engaged, whereby the connector is connected but the secondary locking tab is not locked. In the event that the connector is connected but the secondary locking mechanism is not locked, it is possible that the airbag warning light may not illuminate even though the airbag is not operational. In the event of an accident, if the connection is not fully engaged, the driver's airbag may not deploy, which could lead to more severe injuries.

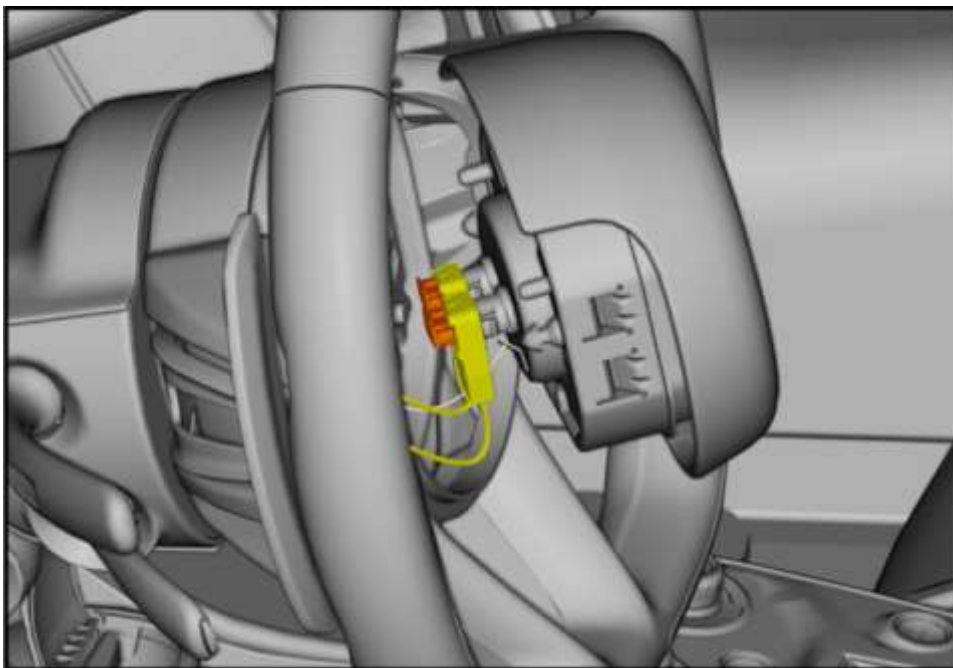


Image 1 – Driver's Airbag Connectors (example taken from the Service Information System (SIS))

4. Procedure

4.1 Resistance Actual Values Readout

To complete the required resistance check, please follow the steps below.

- MDS Driver's Airbag Resistance Actual Values Readout Check (all affected vehicles):

Step 1

Connect the MDS to the vehicle and carry out a scan

Step2

Select the ORC module and navigate to the Actual Values tab

Step3

In the Actual Values tab scroll down and locate the following Actual Values:

- Squib_Resistance_**AB1FD**_Read

- Squib_Resistance_AB2FD_Read

Step4

Compare each value to the correct resistance tolerance limits stated in the table below:

ACTUAL VALUE NAME	CORRECT RESISTANCE TOLERANCE LIMITS
Squib_Resistance_AB1FD_Read	Value must be between 2100 mOhm and 5600 mOhm
Squib_Resistance_AB2FD_Read	Value must be between 2100 mOhm and 5600 mOhm

Table 1 - Correct Resistance Tolerance Limits

Step5

If the Squib Resistance values displayed in MDS are within tolerance, take a screenshot of the MDS screen. Ensure the screenshot has captured the values in question clearly, name the file 'Correct Resistance Values - VIN' (where VIN is the vehicles VIN) and save it. Open the file to confirm that it is not corrupt. The screenshot will need to be attached to your warranty claim

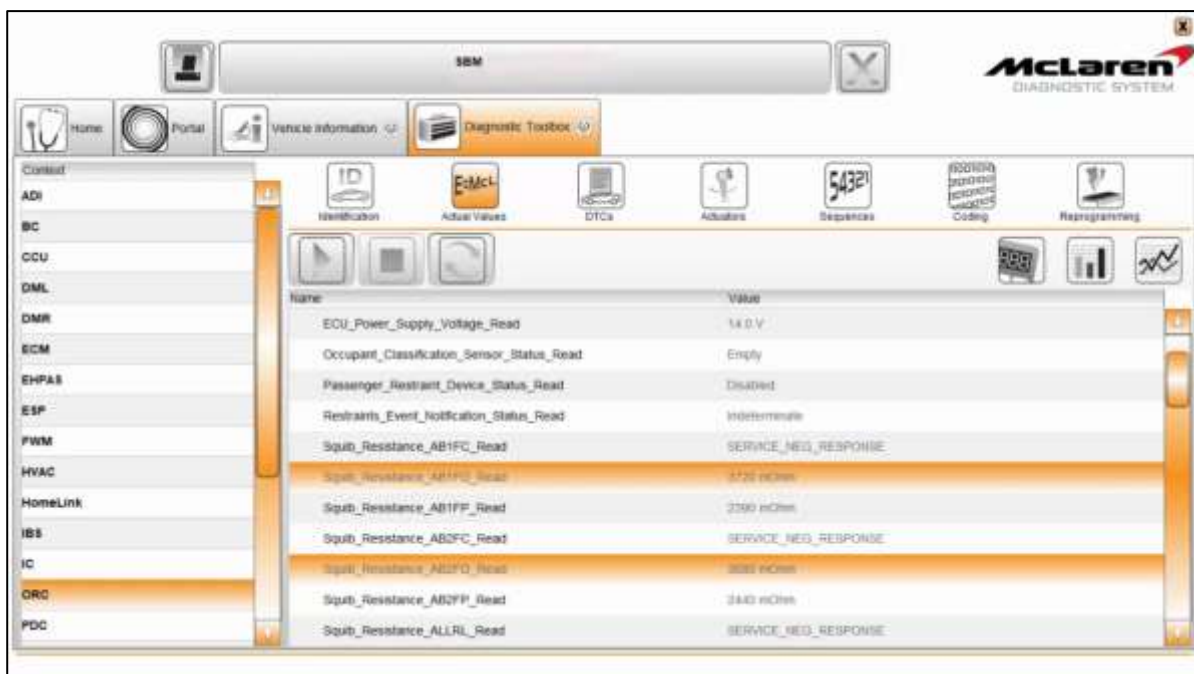


Image 2 - Example Screenshot of MDS Airbag Resistance Actual Value Location

- End of MDS Driver’s Airbag Resistance Actual Values Readout Check procedure

4.2 Submitting a Technical Request (TR)

If the MDS Airbag Resistance Actual Values Readout Check resulted in values outside of tolerance (**not between 2100 mOhm and 5600 mOhm**), submit a Technical Request (TR).

Please carry out the following:

- Immediately submit a TR entitled **McLaren GT Driver's Airbag Resistance Check Failed** and select **High Priority**
- Take a screenshot of the MDS screen to capture the incorrect values. Ensure the screenshot has clearly captured the values in question, name the file 'Incorrect Resistance Values - VIN' (where VIN is the full vehicle VIN) and save it. Open the file to confirm that it is not corrupt
- Follow 'FA-RM-10N002-01-001 - Remove/Install Airbag - Steering Wheel' (McLaren GT), on SIS to gain access to the driver's airbag connectors. Do not fully remove the airbag and do not disconnect the connectors
- Without disturbing the connectors take a clear photograph of the condition of the connectors including their locking tabs (secondary locking mechanism) as you found them. Name the photograph 'Airbag Connectors as found – VIN' (where VIN is the full vehicle VIN) and save it. Open the photograph to confirm that the file is not corrupt
- Attach the following to the TR:
 1. The screenshot of the incorrect airbag resistance values
 2. The photograph of the airbag connectors to the TR
- Await further instructions from the TR, which will be responded to with highest urgency

Care Point: While working to gain access to the airbag connectors take care not to disturb or alter the condition of assembly of the connectors. Ensure the locking tabs (secondary locking mechanism) of the connectors are not inadvertently pushed in or out whilst gaining access to the area.

If the TR advises you to proceed with the physical Disconnect - Check - Reconnect procedure of the airbag connectors, please carry out the following:

- Physical Driver's Airbag Disconnect - Check - Reconnect procedure:

Step 1

Disconnect the driver's airbag connectors and visually inspect them for any anomalies, then fully re-connect the connectors. Make sure both stages of the connectors (including secondary locking mechanism) are correctly locked and engaged. The connector may otherwise be installed, but not locked

Step 2

Take a clear photograph of the connectors (now with both locking stages fully engaged). Name the photograph 'Airbag Connectors after full reconnection – VIN' (where VIN is the full vehicle VIN) and save it. Open the photograph to confirm that the file is not corrupt

Step 3

Install the driver's airbag in reverse order

Step 4

Re-scan the vehicle with MDS and check the **AB1FD** and **AB2FD** Squib Resistance Actual Values again. The Squib Resistance Actual Values must now be within the correct resistance tolerance limits (**between 2100 mOhm and 5600 mOhm**) as stated in 'Table 1'(section 3.1, step 4) above

Step 5

Take a screenshot of the final values from the MDS screen. Ensure the screenshot has captured the values in question clearly, name the file 'Final Correct Resistance Values - VIN' (where VIN is the vehicles VIN) and save it. Open the file to confirm that it is not corrupt.

Step 6

Reply to the TR and attach:

1. The photograph of the driver airbag connectors as found when accessed
2. The photograph of the driver airbag connectors after disconnected and fully reconnected ready for driver airbag re-installation
3. The screenshot showing the airbag resistance values within the tolerance limits

— End of Physical Driver's Airbag Connector Disconnect - Check - Reconnect procedure.

In the event that the Airbag Resistance Actual Values remain out of tolerance, update the TR accordingly and await further instructions.

Care Point: You must ensure that the MDS readout values are within the correct resistance tolerance limits when this campaign is completed

Care Point: Follow all Special Advice, Caution notes and Preparation Work as per Service Information System (SIS) when carrying out work on Airbag Units

Care Point: Ensure the full Vehicle VIN is visible in the screenshots and included in the screenshot file names

5. Warranty Information

Submit a claim to the McLaren Warranty department following completion of the work, using the following details. Ensure that the relevant screenshots and photographs have been attached correctly to the Warranty Claim.

DESCRIPTION	REPAIR TIME
MDS Airbag Resistance Actual Values Readout	0.20*
Physical Driver Airbag Connector Disconnect - Check - Reconnect	0.30**

* Standard labour claimed under this campaign.

** Only following authorisation to proceed via TR, please add an additional labour line in the claim for the respective work carried out at the time quoted in the table.

Care Point: The work instruction and related labour time may be different from work instructions in the Service Information System (SIS). When you do this work you must refer only to the advice in this bulletin.

6. Affected Vehicles

The following table provides an overview of the affected vehicles. Vehicles that have had the existing '00 N 010 - Driver's Airbag Resistance Checks' Service Campaign completed do not require further action. McLaren will report to NHTSA that these vehicles have had the recall action completed.

Your Regional Aftersales Manager will contact you with a list of affected vehicles.

AFFECTED MODEL	AFFECTED VEHICLES
McLaren GT	All Model Year 2019-2021 vehicles manufactured prior to 7 th August 2021

IT IS A VIOLATION OF FEDERAL LAW TO SELL OR DELIVER A NEW VEHICLE COVERED BY THIS NOTIFICATION UNTIL THE DEFECT IS REMEDIED.

Best regards,

Ian Peck
Technical Support Manager

Kostas Lampropoulos
Lead Technical Case Engineer

If you have any questions, please speak to your Regional Aftersales Manager.

The information contained in McLaren bulletins is for internal use only by McLaren Authorised Retailers and must not be published on external websites or social media forums etc.

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