

Seat Fixings Torque Check

SENSITIVITY: Restricted

Bulletin type: Service Campaign
Reference number: N/A
Campaign reference: SCB 00 N 003
Attention: Retailer Aftersales Managers, Retailer Service Managers, Retailer Service Advisors, Retailer Technicians
Affected vehicles: McLaren Artura, McLaren 750S
Situation: Seat fixings/bolts torque check
Procedure: Action affected vehicles on first opportunity (immediately if already on site or during next Retailer visit if not already on site). Please refer to the information outlined in this document to complete the required work
Date: 06 March 2024

This bulletin will cover:

1. Overview
2. Procedure
3. Warranty Information
4. Affected Vehicles

1. Overview

Through continuous product quality monitoring, McLaren Automotive has identified an inconsistency in seat tightening torque on some seat fixings of certain McLaren vehicles.

With immediate effect, McLaren Automotive is instructing Retailers to check the torque, retorque if needed and report the results for all fixings of both driver and passenger seats of all vehicles within the supplied VIN range.

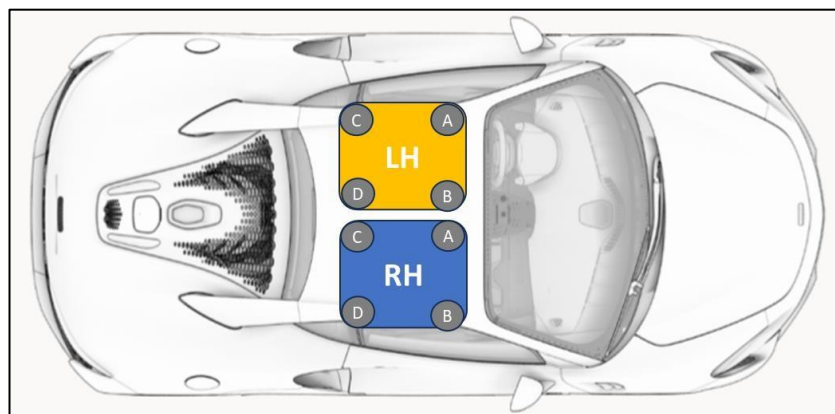


Image 1: Seat bolt locations (vehicle interior cabin)

2. Procedure

Care Point: Only technicians who have completed the McLaren Artura Training are allowed to work on McLaren Artura vehicles

Care Point: Prior to commencing the procedure, find and download the 'Check Sheet' attached with this Bulletin

Care Point: Submission of the filled out 'Check Sheet' is mandatory with every Warranty claim under this Service Campaign

Care Point: Usage of calibrated torque wrenches is mandatory. Torque wrenches used must be within their calibration period and with a valid calibration certificate

To carry out the required checks, please follow the steps below:

Step 1

Follow the relevant SIS instruction depending on the seat type fitted to gain access to all the fixings/bolts that hold each seat (driver and passenger) to the vehicle carbon fibre tub.

Step 2

Carry out a visual check of the seat fixings/bolts.

Confirm that there is no gap between the bolt heads and seat frame and record the condition in the relevant section of the 'Check Sheet' attached with this Bulletin (Gap – NOK, No Gap/flush – OK).

If a gap is present, ensure that there are no obstacles/debris under the bolt head or that the bolt is not cross threaded and continue to the next steps.

Inspect the condition of the bolt heads and confirm they are free of damage or wear.

If damage or wear to the bolt heads is present, the bolt should be replaced using the appropriate part number from SPC.

Step 3

Prepare two calibrated torque wrenches and appropriate sockets. One should be used for the torque test and the other should be used for tightening of any bolt if identified that is needed during the test.

- 1st torque wrench – checking: torque **check** setting **20Nm**
- 2nd torque wrench – tightening: **tightening** torque setting **25Nm**

Step 4

Use the 1st torque check wrench (20Nm) to carry out the test on each one of the eight (8) bolts (both seats).

Fit the tool on the bolt head and carry out a clockwise tightening motion.

The tool should achieve the specified torque immediately without any rotation of the bolt.

Step 5

If the tool achieves the specified torque immediately without any rotation of the bolt, stop the tightening action and mark this bolt as '**OK**' in the 'Check Sheet' attached with this Bulletin. Proceed to torque check the rest of the bolts.

Step 6

If rotation occurs before the 1st torque check wrench achieved the specified torque (20Nm), continue to tighten until it does. Approximately measure the angle in degrees it took to tighten to 20Nm.

Mark that bolt as '**NOK**' and record the angle in degrees in the 'Check Sheet' attached with this Bulletin.

Change to the 2nd torque tightening wrench (25Nm).

Fit the tool on the bolt head and start a new clockwise tightening motion until the 2nd tool achieves the specified torque. Once 25Nm has been achieved, stop the tightening action.

Step 7

Repeat steps 4 through 6 as needed until all eight (8) bolts of both seats have been checked, correctly torqued and the results have been recorded in the 'Check Sheet'.

3. Warranty Information

Submit a claim to the McLaren Warranty department following completion of the work, using the following details.

The completed 'Check Sheet' for each VIN as described in section 2 (Procedure) above, must be attached with every individual Warranty Claim for it to be processed.

DESCRIPTION	REPAIR TIME
McLaren Seat Bolts Torque Check	1 hr

Care Point: Submission of the filled out 'Check Sheet' for each individual VIN is mandatory with each individual Warranty claim under this Service Campaign

4. Affected Vehicles

Affected vehicles will be flagged in the Retailer Portal when next opening a Workshop Visit related to the vehicle. Your Regional Aftersales Manager will also contact you with a VIN list of affected vehicles.

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

Best regards

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