

Urgent - Immediate Feedback Required

McLaren Artura – Starter Motor Cable Inspection and Rework

SENSITIVITY: Restricted

Bulletin type:	Service Information
Reference number:	AFT.038.2023
Campaign reference:	N/A
Attention:	Retailer Aftersales Managers, Retailer Service Managers, Retailer Service Advisors, Retailer Technicians, Retailer Parts Managers
Affected vehicles:	McLaren Artura
Situation:	Inspection of the starter motor cable for correct routing and retention
Procedure:	Inspect all stock vehicles and vehicles prior to handover presently at the Retailer
Date:	13 October 2023

Immediate feedback required.

Inspect the routing and retention of the starter motor cable on any McLaren Artura currently in Retailer stock or with an active Workshop visit.

For more details, please read the bulletin below.

This bulletin will cover:

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

1. Overview

Through continuous product quality monitoring, McLaren Automotive requests all Retailers to immediately commence inspecting the routing and retention and clearance of the starter motor cable from neighbouring components. This inspection must be carried out on any McLaren Artura currently in Retailer stock or with an active Workshop visit.

Retailers are requested to submit photos of the starter motor cable routing as found on inspected vehicles for Quality analysis.

McLaren Automotive is currently investigating the topic of the routing of this cable. If there are any further actions required, McLaren Automotive will communicate these in due course.

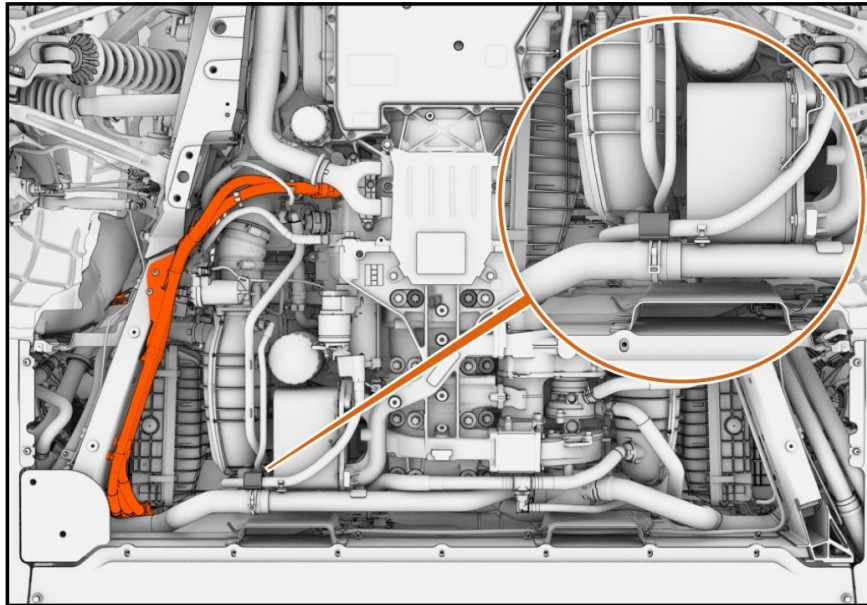


Image 1 Location of the starter motor cable

2. Parts Information

The below parts are required to complete the inspection and rework. All parts are available to be order in the usual way via Unidial 2.

Part Number	Part Description	Quantity
00RA357	Protector-pipe	1 (must be fitted)
00RL001	Cable-tie-base-firtree+tie	1 (if needed)
00RL022	Edge-clip-tie-wrap 202x4.6mm inline	1 (if needed)

All orders should be placed as usual on Unidial 2, for any parts queries please contact our Parts Customer Service Team:

EMEA – mclarencustomerservice@unipart.com

APACHI – mclarencustomerserviceap@unipart.com

AMERICAS – mclarencustomerservicena@unipart.com

3. Procedure

CARE POINT: Take photos of the starter motor cable routing and its condition before and after this procedure and submit with your Warranty claim.

Step 1

Remove the engine floor panel – Refer to SIS ‘HA-RM-01A004-02-001 - Remove/Install Floor panel - Engine’.

Step 2

CARE POINT: Take care not to damage the starter motor cable and its insulation. Do not use a sharp blade, only side cutter pliers.

Inspect the fir tree (1) and carry out a pull test.

If the fir tree is fully engaged in the anchor point, holding retention and is not damaged in any way, then no further action is required.

Take photos and submit with the Warranty claim.

If the fir tree (1) is not holding retention or is damaged, cut it with suitable side cutter pliers and fit a new fir tree 00RL001 in the same position (1).

Take photos of the condition of the fir tree before and after replacing it and submit with the Warranty claim.

Repeat the pull test after fitment of the new fir tree to confirm it stays fully inserted and secure.

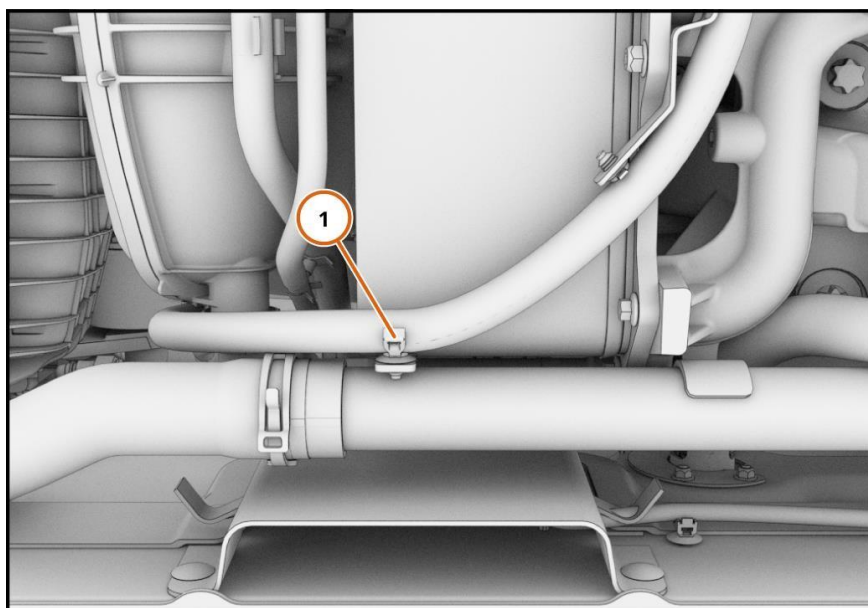


Image 2 Location of fir tree (1)

Step 3

CARE POINT: Make sure that the edge clip has sufficient retention to the airbox.
Take care not to damage the starter motor cable and its insulation. Do not use a sharp blade, only side cutter pliers.

Inspect the edge cable tie clip (1) retaining the starter motor cable to the air intake manifold shown in the image below.

Take photos and submit with the Warranty claim.

Carry out a pull test to verify the edge cable clip engages securely.

If the edge clip is not holding retention or damaged, cut it with suitable side cutter pliers and fit a new edge cable tie clip 00RL022 in the same position (1).

Take photos of the condition of the edge cable clip before and after replacing it and submit with the Warranty claim.

Repeat the pull test after fitment of new edge clip to confirm it stays engaged securely.

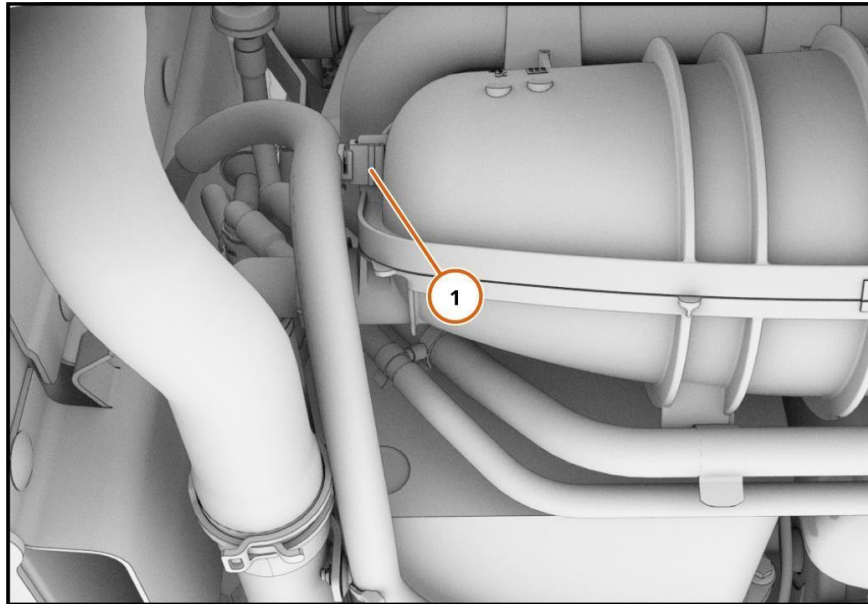


Image 3 Location of edge cable tie clip (1)

Step 4

Care Point: The coolant pipe spring clip must be orientated with the tabs/tangs/arms facing downwards with sufficient clearance to the coolant pipe.

Care Point: Only adjust the coolant pipe spring clip when the powertrain and coolant are at ambient temperature to avoid coolant leaking out of the joint.

Care Point: Loosen the coolant pipe spring clip just enough to enable it to rotate.

Care Point: Take care not to create a coolant leak.

Make sure that the spring band clip is orientated as shown in the illustration below. The image shows the orientation of the coolant pipe spring clip as viewed from underneath looking upwards.

Take photos of the coolant pipe spring clip in the orientation that it was found and submit with the Warranty claim.

If the coolant pipe spring clip requires adjustment, use appropriate tool to slightly loosen it and rotate it so that the two tangs of the clip are facing down towards the ground and away from the starter motor cable.

Take photos after any adjustment of the coolant pipe spring clip and submit with the Warranty claim.

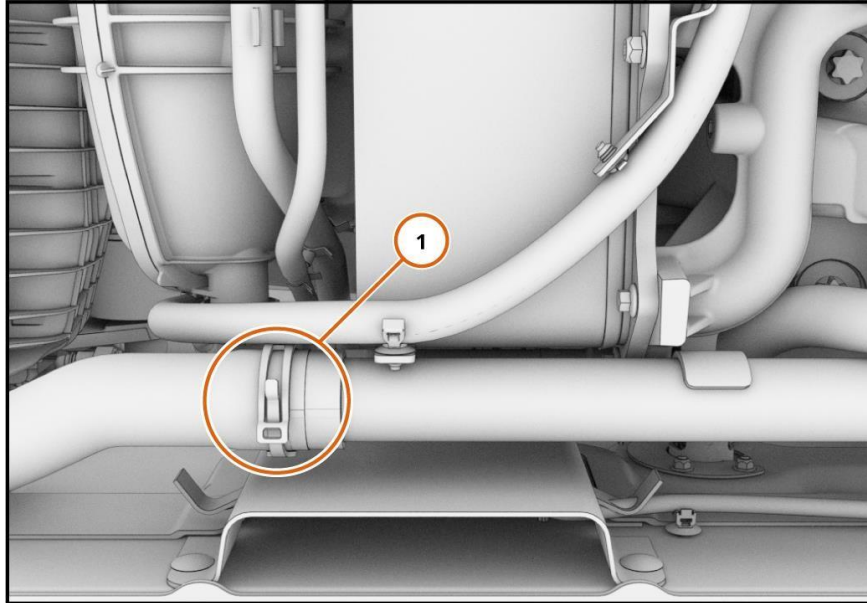


Image 4 Location of coolant pipe spring clip (1). Tangs facing down towards the ground.
View from underneath, looking upwards.

Step 5

CARE POINT: The new protective rubber sleeve is used to create a mechanical clearance gap between the metal spring band clip on the cooling pipe and the starter motor cable.

Fit the new protective rubber sleeve 00RA357 (1) around the starter motor cable in the area shown. The protective rubber sleeve must be fitted in the same orientation as shown below (thicker side facing towards the coolant pipe) and be fully secure.

Take photos after the protective rubber sleeve fitment and submit with the Warranty claim.

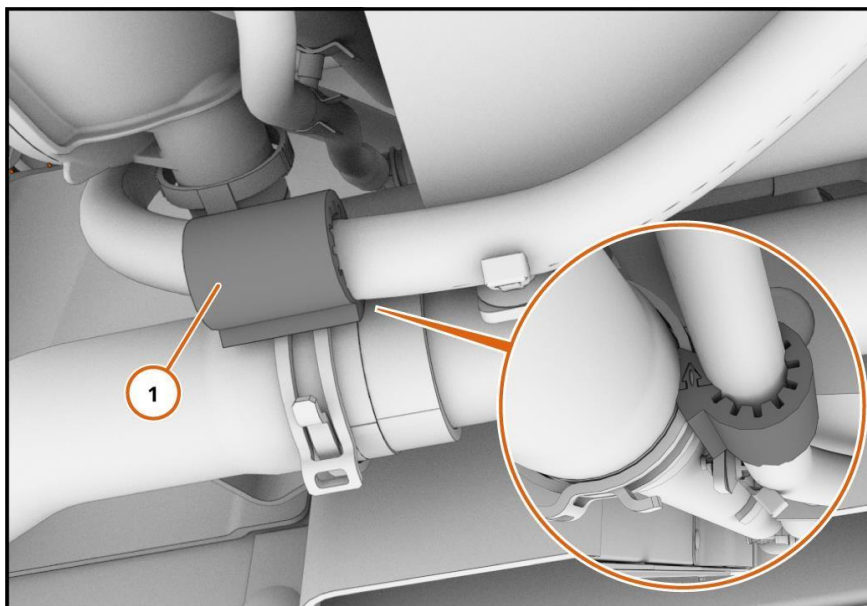


Image 5 Location and orientation of protective rubber sleeve (1) fitment.

Step 6

Install the components in reverse order.

4. Warranty information

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

Retailers are requested to submit all photos described in this document (before and after inspection/rework) for Quality analysis. Name each photo file appropriately and attach within the Warranty claim.

Job Card Categorisation	Field Selection
Defect Category	Electrical Systems
Defect Description	Wiring Troubles
Affected Part A	Wiring Loom

Warranty Claim Resolution Categories	Field Selection
Causal Part	16MB348CP – Busbar External Starter
Causal Issue	Modification
Rectification Type	Repair

Labour Title (Work Instruction)	Repair Time
McLaren Artura – Starter motor cable inspection – with engine underfloor removed as part of other work	0.20 hrs
McLaren Artura – Starter motor cable inspection – with engine underfloor not removed as part of other work	1.90 hrs

CARE POINT: Appropriate photos must be submitted to progress the handling of the Warranty claim.

5. Affected Vehicles

Carry out this inspection and rework on any McLaren Artura currently in Retailer stock or with an active Workshop visit.

If there are any further actions required, McLaren Automotive will communicate these in due course.

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.

The McLaren data classification policy applies to all full time, part-time and fixed term employees of McLaren and all workers including, contractors, consultants, suppliers, and third parties who have access to McLaren data and/or systems. This policy includes all information held by, or on behalf of, McLaren in any form and all information systems/services used by, or used to store data belonging to, McLaren.

Part numbers listed in McLaren bulletins are for reference only. Always check with the parts department to verify the latest part numbers.

All bulletins (Information/Campaign/Recall) issued by McLaren Automotive Limited ("McLaren") are intended only for use by technicians who have attended McLaren technical training courses. McLaren trained technicians have the equipment, tools, safety instructions and the know how to perform the job properly and safely. McLaren bulletins are written to inform McLaren technicians of conditions that may occur on some McLaren vehicles, or to provide information that could assist diagnosing a McLaren vehicle. Part numbers listed in McLaren bulletins are for reference only. Always check with the parts department to verify the latest part numbers.