

Part 573 Safety Recall Report**15V-836****Manufacturer Name :** McLaren Automotive Incorporated**Submission Date :** DEC 10, 2015**NHTSA Recall No. :** 15V-836**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : McLaren Automotive Incorporated

Address : 750 Third Avenue, Suite 2400

NEW YORK NY 10017

Company phone : 646-429-8916

Population :

Number of potentially involved : 122

Estimated percentage with defect : NR

Vehicle Information :

Vehicle : 2014-2015 McLaren P1

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : McLaren will recall all subject vehicles in the USA produced from the start date of production (03.01.13) to the date the newly designed part was introduced (06.02.15).

Production Dates : MAR 01, 2013 - OCT 31, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Noncompliance :**

Description of the Noncompliance : Due to a tolerance build-up in two of the internal components within the hood latch, there is a chance that if the secondary latch becomes disengaged (by pressing the button found in the hood) and is then re-engaged, the solenoid plunger in the secondary latch may miss the latch hole, causing the secondary latch to remain disengaged. If that occurs, the secondary latch will not function properly, which would create a noncompliance with FMVSS No. 113.

FMVSS 1 : 113 - Hood latch system

FMVSS 2 : NR

Description of the Safety Risk : In the event that a customer fails to engage the primary latch, by not closing the hood properly or inadvertently disengages the primary latch via the button located on either the centre console or key fob, if the secondary latch is also disengaged, it may not retain the hood and the hood may open when the vehicle is moving, which may increase the risk of a vehicle crash.

Description of the Cause : A tolerance build-up in two of the internal components within the hood latch.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : 8D CLOSURES LIMITED

Address : Unit 2 Old Goods Year

Sherriff Street Worcester FOREIGN STATES WR49AB

Country : United Kingdom

Chronology :

30th March 2015 - McLaren was notified that a pre-sale vehicle inspection had identified a failure of the secondary hood latch.

2nd April 2015 - McLaren implemented a Build Deviation Request to contain the concern. A process change was introduced at the McLaren Production Centre to carry out additional checks on the hood latch at its fitment point.

15th April 2015 - A Supplier Quality Assurance ("SQA") investigation confirmed the hood latch was received from the tier 1 supplier in distorted condition. SQA received confirmation that a supplier operator did not use the correct production jig in the assembly process of the hood latch. This supplier operator was removed from the process and a new robust end of line check was implemented on the hood latch at the supplier.

22nd May 2015 - SQA investigation confirmed that due to the supplier operator's error the alignment holes, which were fitted on the vehicle for the latch to attach, misaligned with the attachment holes on the latch.

2nd June 2015 - A change was implemented at the supplier's production centre to add a sensor to the end of line inspection to automatically flag any further occurrences.

3rd June 2015 - McLaren introduced a design change to improve the latch, even though it was confident that the problem would not occur in the field because the standard pre-delivery inspection would identify any distorted latches fitted to vehicles. Therefore, McLaren concluded at the time that no action was needed with respect to vehicles in the field.

After McLaren received a report from a customer that the hood of his car opened whilst the vehicle was moving, in December 2015, McLaren decided to conduct a recall to address this issue.

Description of Remedy :

Description of Remedy Program : Owners of the subject vehicles sold will be notified and the hood latch in those vehicles will be replaced with a newly-designed hood latch at no cost.

McLaren does not plan to include information in the Part 577 owner notification letter concerning reimbursement for the cost of obtaining a pre-notification remedy because all of the subject vehicles are under warranty.

How Remedy Component Differs from Recalled Component : The remedy component and the recalled component are visually different.
The space between the link arm and the latch has been increased from 9.5mm to 12.5mm, which

will prevent the link arm from overshooting the latch hole.

By increasing the link hole from a 8mm hole to a 8mm x 9mm slot, the clearance between the solenoid plunger and edge of the latch hole has increased meaning the solenoid plunger will not miss the hole or clash will the side of the latch hole.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : DEC 17, 2015 - DEC 24, 2015

Planned Owner Notification Date : JAN 04, 2016 - JAN 18, 2016

* NR - Not Reported