

Part 573 Safety Recall Report

18V-007

Manufacturer Name : McLaren Automotive Incorporated**Submission Date :** FEB 28, 2018**NHTSA Recall No. :** 18V-007**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 : 231

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2013 McLaren MP4-12C

Vehicle Type : LOW VOLUME VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All MY 2012 McLaren MP4-12C vehicles set out in the VIN range below in Zone A only. For the purposes of this report Zone A shall mean Alabama, California, Florida, Georgia, Hawaii, Louisiana, Mississippi, South Carolina, Texas, Puerto Rico, American Samoa, Guam, the Northern Mariana Islands (Saipan), and the U.S. Virgin Islands

Production Dates : JAN 28, 2011 - JAN 07, 2014

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : Certain McLaren Automotive Inc ("McLaren") vehicles are equipped with passenger airbags (the "Airbags") provided by the supplier Takata Petri AG ("Takata"). On May 16, 2016 Takata filed a Defect Information Report ("DIR") with NHTSA announcing a potential defect in some of the Airbags' inflators. In the DIR Takata stated, "Takata has determined that a defect related to motor vehicle safety may arise in some of the subject ammonium nitrate inflators due to propellant degradation occurring after prolonged exposure to high absolute humidity, high temperatures and high temperature cycling. Testing and analyses conducted by Takata and by independent entities have found that there are wide differences in the time periods in which propellant degradation takes place. The propellant degradation varies in different climate zones, in different vehicle makes and models, and in different inflator and propellant configurations. Takata believes that the subject inflators perform as Part 573 Safety Recall Report 16V-341 Page 2 The information contained in this report was submitted pursuant to 49 CFR §573 originally designed and manufactured and do not pose an unreasonable risk to safety until they reach a certain level of propellant degradation." McLaren is not aware of any incidents in the field, warranty claims or consumer complaints involving the Airbags used in its vehicles

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : According to Takata: "Activation of a non-desiccated ammonium nitrate inflator with degraded propellant may result in an inflator rupture. An inflator rupture may cause metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants".

Description of the Cause : Pursuant to Defect Information report filed with NHTSA by Takata on May 16, 2016, in relation to Takata's non-desiccated frontal Takata PSAN inflators, Takata stated: "The propellant wafers in some of the subject inflators may degrade over time, which could lead to over-aggressive combustion in the event the air bag is activated. Overly aggressive combustion creates excessive internal pressure when the inflator is activated, which may cause the inflator body to rupture. Based upon Takata's investigation to date, the potential for such ruptures occurs in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity, high temperatures, and high temperature cycling. The potential for rupture may also be influenced by other factors, including the specific vehicle environment, the inflator and propellant configuration, and manufacturing variability."

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Takata Petri AG
Address : Bahnweg 1,
D-63743 Aschaffenburg FOREIGN STATES NA
Country : Germany

Chronology :

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Description of Remedy :

Description of Remedy Program : McLaren will replace the Airbags with a Takata airbag containing a propellant based on guanidine nitrate, a compound that is less sensitive to moisture and temperature swings

How Remedy Component Differs from Recalled Component : McLaren will replace the Airbags with a Takata airbag containing a propellant based on guanidine nitrate, a compound that is less sensitive to moisture and temperature swings

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

Recall Schedule :

Description of Recall Schedule : McLaren plans to notify customers and dealers by the end of January 2018

Planned Dealer Notification Date : JAN 22, 2018 - JAN 31, 2018

Planned Owner Notification Date : MAR 09, 2018 - MAR 09, 2018

* NR - Not Reported