

Part 573 Safety Recall Report**14V-562****Manufacturer Name :** Mitsubishi Motors North America, Inc.**Submission Date :** SEP 11,2014**NHTSA Recall No. :** 14V-562**Manufacturer Recall No. :** SR-14-009**Manufacturer Information :**

Manufacturer Name : Mitsubishi Motors North America, Inc.

Address : 6400 Katella Avenue

Cypress CA 90630

Company phone : 714-372-6000

Population :

Number of potentially involved : 165,923

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2009-2011 mitsubishi lancer sportback

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : All affected vehicles are equipped with a 4B1 engine.

Production Dates : JUN 16, 2008 - MAR 29, 2011

VIN (Vehicle Identification Number) Range

Begin : JA3AY68V09U015151

End : JA32Y6HVXBU034560

 Not sequential VINs

Vehicle : 2008-2011 mitsubishi lancer

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : All vehicles are equipped with a 4B1 engine.

Production Dates : SEP 26, 2006 - APR 19, 2011

VIN (Vehicle Identification Number) Range

Begin : JA3AU86UX8U000057

End : JA32V6FV5BU034896

 Not sequential VINs

Vehicle : 2008-2011 Mitsubishi Lancer Evolution

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : All affected vehicles are equipped with a 4B1 engine.

Production Dates : AUG 07, 2007 - APR 22, 2011

VIN (Vehicle Identification Number) Range

Begin : JA3AW56V28U026850

End : JA32W8FV4BU035093

 Not sequential VINs

Vehicle : 2008-2011 Mitsubishi Outlander

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : All affected vehicles are equipped with a 4B1 engine.

Production Dates : OCT 23, 2007 - JUN 22, 2011

VIN (Vehicle Identification Number) Range

Begin : JA4LT21WX8Z004738

End : JA4JT3AWXBU027809

 Not sequential VINs

Vehicle : 2011-2011 Mitsubishi Outlander Sport

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : All affected vehicles are equipped with a 4B1 engine.

Production Dates : AUG 26, 2010 - DEC 20, 2010

VIN (Vehicle Identification Number) Range

Begin : JA4AP3AU5BZ000104

End : JA4AR4AU9BZ008044

 Not sequential VINs**Description of Defect :**

Description of the Defect : The drive belt may become damaged from an obliquely worn pulley and detach.

Description of the Safety Risk : Drive belt detachment may result in battery depletion and an overheated engine, which could cause a moving vehicle to stall and may increase the risk of crash. In vehicles equipped with a hydraulic power steering system, power steering can become disabled, which may also increase the risk of crash.

Description of the Cause : Due to the inappropriate build material of the drive belt, the resin pulley may wear obliquely. If use continues under this condition, the belt could become damaged and detach.

Identification of Any Warning that can Occur : The engine warning lamp(s) will illuminate if the drive belt detaches.

Supplier Identification :**Component Manufacturer**

Name : Mitsuboshi Belting Ltd.

Address : 4-1-21 Hamazoe-dori, Nagata-ku

Kobe, Hyogo Japan, 653-0024 DC 20590

Country : US

Chronology :

In February 2010, Mitsubishi Motors Corporation (MMC) received a customer report in Ukraine where an obliquely worn pulley was found during regular inspection. MMC requested the part be returned and launched an investigation.

From March to July 2010, MMC received additional reports in other foreign markets with similar symptoms; an obliquely worn pulley was found during regular inspection and/or excessive noise was heard. MMC continued to investigate the cause of the issue.

In December 2010, as a result of the investigation, MMC estimated the resin pulley could experience oblique wear from the canvas drive belt if sand got trapped between the pulley and the belt. Since the only observed consequence from an obliquely worn pulley was excessive noise, MMC changed the material of the drive belt from canvas to rubber to enhance the quality and decided to monitor the field for any further occurrences.

From February to June 2012, MMC received a claim where the canvas drive belt could possibly become detached and MMC continued its investigation.

From June 2012 to March 2014, MMC conducted reproduction tests and was initially not able to reproduce detachment of the belt. After completion of a severe accelerated wear test, MMC confirmed the canvas drive belt can come off an obliquely worn pulley. However, since the occurrence rate was extremely low and the problem only occurred in certain areas, MMC evaluated the locality and re-examined the occurrence status.

From April to September 2014, MMC conducted a future occurrence analysis and concluded this condition can eventually lead to drive belt damage and detachment. On September 4, 2014, MMC decided that field action was necessary as a safety recall and advised Mitsubishi Motors North America, Inc. (MMNA) to conduct a safety recall in the US.

Description of Remedy :

Description of Remedy Program : Owners of all affected vehicles will be notified and encouraged to bring in their vehicles for repair. The drive belt will be replaced with a countermeasure belt (rubber belt) and the pulley will be replaced if worn beyond a certain level at no charge to the customer. Owners seeking reimbursement for any expenses associated with this recall will be directed in the notification letter to contact the Mitsubishi Customer Relations Department for instructions on how to apply for a refund.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : MMNA is working internally to determine the dealer and customer notification date and will update accordingly.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported