

# Part 573 Safety Recall Report

# 17V-609

**Manufacturer Name :** Mitsubishi Motors North America, Inc.**Submission Date :** SEP 29, 2017**NHTSA Recall No. :** 17V-609**Manufacturer Recall No. :** SR-17-005**Manufacturer Information :****Population :**

Manufacturer Name : Mitsubishi Motors North America, Inc.

Number of potentially involved : 132,552

Address : 6400 Katella Avenue

Estimated percentage with defect : 1 %

Cypress CA 90630

Company phone : 1-888-648-7820

**Vehicle Information :**

Vehicle 1 : 2015-2017 Mitsubishi Outlander

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The supplier-identified suspect components were manufactured between October 2014 and July 2016.

Only vehicles manufactured within the specified production dates may contain the suspect components.

Production Dates : DEC 05, 2014 - AUG 24, 2016

VIN Range 1 : Begin : JA4AZ3A37FZ010978 End : JA4JZ4AX5HZ000204  Not sequential

Vehicle 2 : 2015-2016 Mitsubishi Lancer

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The supplier-identified suspect components were manufactured between October 2014 and July 2016.

Only vehicles manufactured within the specified production dates may contain the suspect components.

Production Dates : DEC 05, 2014 - MAR 03, 2016

VIN Range 1 : Begin : JA32U2FU2FU012203 End : JA32U2FU8GU010568  Not sequential

Vehicle 3 : 2015-2015 Mitsubishi Lancer Evolution

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The supplier-identified suspect components were manufactured between October 2014 and July 2016.

Only vehicles manufactured within the specified production dates may contain the

suspect components.

Production Dates : DEC 05, 2014 - DEC 24, 2015

VIN Range 1 : Begin : JA32W8FV3FU012295 End : JA32W7FV5FU029139  Not sequential

Vehicle 4 : 2015-2015 Mitsubishi Outlander Sport

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The supplier-identified suspect components were manufactured between October 2014 and July 2016.

Only vehicles manufactured within the specified production dates may contain the suspect components.

Production Dates : OCT 15, 2014 - NOV 25, 2015

VIN Range 1 : Begin : 4A4AR4AW5FE000052 End : 4A4AR4AU5FE062761  Not sequential

Vehicle 5 : 2016-2016 Mitsubishi Outlander Sport

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The supplier-identified suspect components were manufactured between October 2014 and July 2016.

Only vehicles manufactured within the specified production dates may contain the suspect components.

Production Dates : JAN 11, 2016 - JUL 08, 2016

VIN Range 1 : Begin : JA4AR3AU8GZ018470 End : JA4AP3AU9GZ060183  Not sequential

## Description of Defect :

Description of the Defect : Due to an inappropriate maintenance procedure used on a welding machine at a relay supplier, welding of components within the relay may have been performed incorrectly resulting in improper electrical conduction. As a result, one of the following conditions may occur depending on which system is using the defective relay:

-If the relay for the engine control unit fails, the engine will stall while driving and cannot be restarted.

-If the relay for the engine valve lift control fails, the engine warning lamp will illuminate and fail-safe mode will be activated, limiting available engine power.

-If the relay for the radiator fan fails, the engine coolant temperature will rise, the coolant temperature warning lamp will illuminate, and the engine may overheat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An engine stall while driving can increase the risk of an accident.

**Description of the Cause :** Due to an inappropriate maintenance procedure used on a welding machine at the relay supplier, welding of components within the relay may have been performed incorrectly resulting in improper electrical conduction.

**Identification of Any Warning that can Occur :** If the relay for the engine valve lift control fails, the engine warning lamp will illuminate.  
If the relay for the radiator fan fails and the engine coolant temperature rises, the coolant temperature warning lamp will illuminate.

## Supplier Identification :

### Component Manufacturer

**Name :** OMRON Automotive Electronics. Co. Ltd.

**Address :** 6368 Nenjo-Zaka Okusa

Komaki-city, Aichi Prefecture FOREIGN STATES 485-0802

**Country :** Japan

## Chronology :

In July 2015, MMC received a field report in Japan complaining the engine warning lamp illuminated and the engine stalled on a Delica vehicle. MMC began investigating this claim.

In October 2015, because MMC was unable to identify the root cause, MMC decided to monitor the field.

In April 2016, MMC received a report in Israel complaining that the relay for the Valve Lift Control was melted on a Lancer vehicle.

From June 2016 to September 2017, as part of its investigation in to this issue, MMC investigated problem parts, reviewed warranty data, and reviewed production records, periodical inspection data, process change records and maintenance records. MMC also conducted investigations into manufacturing processes used by the relay supplier. MMC further conducted repeated testing to analyse and attempt to duplicate the subject condition. Concluding its investigation in September 2017, MMC determined that an inappropriate maintenance procedure used on a welding machine at the relay supplier caused an intermittent welding problem involving a very small number of relays.

On September 22, 2017, MMC determined that a field action was necessary in the US to address this condition, and advised Mitsubishi Motors North America, Inc. to conduct a safety recall. There have been no reported injuries or accidents due to this condition.

## Description of Remedy :

Description of Remedy Program :	Owners of all affected vehicles will be notified and encouraged to bring their vehicles in to replace the relay with a countermeasure unit. The repair will be performed at no charge to the vehicle owners. 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 reimbursement consideration.
How Remedy Component Differs from Recalled Component :	“RELAY, POWER” (Part Number: MR400709) is replaced by “RELAY, POWER” (Part Number: MW400245), produced using appropriate welding.
Identify How/When Recall Condition was Corrected in Production :	The relay supplier was changed before the defect was identified. Relays supplied by the new supplier do not exhibit the defect.

## Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	OCT 13, 2017 - OCT 13, 2017
Planned Owner Notification Date :	NOV 28, 2017 - NOV 28, 2017

\* NR - Not Reported