

Part 573 Safety Recall Report

18V-070

Manufacturer Name : Mitsubishi Motors North America, Inc.

Submission Date : JAN 26, 2018

NHTSA Recall No. : 18V-070

Manufacturer Recall No. : SR-18-002



Manufacturer Information :

Population :

Manufacturer Name : Mitsubishi Motors North America, Inc.

Number of potentially involved : 170,354

Address : 6400 Katella Avenue

Estimated percentage with defect : 100 %

Cypress CA 90630

Company phone : 1-888-648-7820

Vehicle Information :

Vehicle 1 : 2014-2016 Mitsubishi Outlander

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : (1) Vehicles in the recall population were manufactured from the start of production for the 2014 MY adopting the rear brake caliper with built-in parking brake up through the addition of rust prevention to the shaft of the parking brake.

(2) Vehicles in the recall population were manufactured from 07/08/2014 to 12/24/2014, which may have parts exceeding inspection standards in the inspection process of the brake caliper.

Production Dates : APR 12, 2013 - FEB 02, 2016

VIN Range 1 : Begin : JA4AD3A34EZ000101 End : JA4AD3A39GZ027717 Not sequential

Vehicle 2 : 2013-2015 Mitsubishi Outlander Sport

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : (1) Vehicles in the recall population were manufactured from the start of production for the 2013 MY adopting the rear brake caliper with built-in parking brake up through the end of production for the 2015 MY.

(2) Vehicles in the recall population were manufactured from 08/09/2014 to 11/25/2015, which may have parts exceeding inspection standards in the inspection process of the brake caliper.

Production Dates : JUL 20, 2012 - NOV 25, 2015

VIN Range 1 : Begin : 4A4AP3AUXDE000074 End : 4A4AR4AU5FE062761 Not sequential

Vehicle 3 : 2016-2016 Mitsubishi Outlander Sport

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : (1) Vehicles in the recall population were manufactured from the start of production for the 2016 MY adopting the rear brake caliper with built-in parking brake up through the addition of rust prevention to the shaft of the parking brake.

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

VIN Range 1 : Begin : JA4AR3AU8GZ018470 End : JA4AR3AW8GZ027445 Not sequential

Description of Defect :

Description of the Defect : (1) Due to insufficient rust prevention to the shaft of parking brake and insufficient sealing performance of the rear brake caliper boot, water may penetrate inside the caliper and the parking brake operating shaft, causing the caliper body and the shaft corrosion. As a result, the shaft may potentially become stuck, causing brake dragging and/or parking brake performance decreasing.

(2) Due to inadequate manufacturing process, automatic adjuster for brake pad clearance of the rear brake caliper with built-in parking brake may not work. If they occur simultaneously, as brake pads wear, invalid stroke of parking brake lever will increase, finally parking brake will not work even though the lever is fully operated.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If parking brake does not operate properly, it could lead to a vehicle rollaway and increase the risk of a crash.

Description of the Cause : (1) Due to insufficient rust prevention to the shaft of parking brake and insufficient sealing performance of the rear brake caliper boot, water may penetrate inside of the caliper and the parking brake operating shaft, causing the caliper body and the shaft corrosion.

(2) Due to inadequate manufacturing process, the washer in the brake caliper had a scratch and the caliper body exceeded inspection standards. As a result, automatic adjuster for brake pad clearance of the rear brake caliper with built-in parking brake may not work.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Akebono Brake Industry Co.,Ltd.
Address : 19-5 Nihonbashi Koami-cho, Chuo-ku
Tokyo FOREIGN STATES 103-8534
Country : Japan

Chronology :

(1) In October 2014, MMC received a field report in UK stating that the rear brake stuck on Outlander vehicle. MMC began an investigation.

From October 2014 to July 2015, MMC presumed that the parking brake operating shaft was getting stuck because of corrosion. In July 2015, MMC started considering countermeasures.

In January 2016, MMC added rust prevention to the shaft of the parking brake for production vehicles. MMC continued field monitoring to judge the necessity of field action.

(2) In February 2015, MMC received a field report in Japan stating that the automatic adjuster in rear brake had a problem on Delica vehicle. MMC began an investigation.

From February 2015 to July 2016, as a result of investigation, MMC found that the washer in the brake caliper had a scratch. MMC also found that the problem occurred only in a specific period. MMC was not able to determine the root cause. In July 2016, MMC started considering measures to prevent scratch and continued investigation.

In October 2016, MMC implemented measures that the material of washer is changed to prevent scratch for production vehicles. MMC continued investigation to determine the root cause.

In September 2017, MMC was notified that the supplier performed inappropriate inspection method in the specific period, causing the caliper body to exceed inspection standards.

From September 2017 to December 2017, MMC was able to determine that if the washer have a scratch and the caliper body exceed inspection standard simultaneously, the auto adjuster for brake pad clearance of the rear brake caliper with built-in parking brake may not work. If this occurs, as brake pads wear, invalid stroke of parking brake lever will increase, finally parking brake will not work even though the lever is fully operated.

(1)(2) On January 19, 2018, 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.

Description of Remedy :

Description of Remedy Program : Owners of all affected vehicles will be notified and encouraged to bring their vehicles in to check and repair the rear brake. (1) If caliper body is found to be corroded or shaft is found to be stuck, the brake caliper body assembly will be replaced with a countermeasure unit. Otherwise, the boot and lever will be replaced with a countermeasure unit. (2) The piston assembly of the rear brake caliper will be replaced 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 : Component parts of the "Rear Brake Assy" (4605B065/4605B066, 4605B059/4605B060, or 4605A819/4605A820) has been changed. The "Rear Brake Assy" part number has not changed.

Identify How/When Recall Condition was Corrected in Production : (1) MMC added rust prevention to the shaft of the parking brake in January 2016.
(2) Vehicles manufactured only in the specific period may have parts exceeding inspection standards in the inspection process.

Recall Schedule :

Description of Recall Schedule : remedy letters scheduled

Planned Dealer Notification Date : FEB 09, 2018 - FEB 09, 2018

Planned Owner Notification Date : MAR 27, 2018 - MAR 27, 2018

* NR - Not Reported