

Part 573 Safety Recall Report

17V-393

Manufacturer Name : Mazda North American Operations**Submission Date :** SEP 11, 2017**NHTSA Recall No. :** 17V-393**Manufacturer Recall No. :** 1217F**Manufacturer Information :**

Manufacturer Name : Mazda North American Operations

Address : 1025 Connecticut Avenue, NW
Suite 910 Washington DC 20036

Company phone : 800-222-5500

Population :

Number of potentially involved : 227,814

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2014-2015 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Plant information; Hofu plant of Mazda Motor Corporation in Japan. Only Mazda6 vehicles equipped with a hand-operated parking brake lever parking brake system are involved in the recall campaign.

Production Dates : OCT 25, 2012 - DEC 01, 2014

VIN Range 1 : Begin : JM1GJ1W56E1100027 End : JM1GJ1W68E1162747

 Not sequential

VIN Range 2 : Begin : JM1GJ1U64F1162748 End : JM1GJ1W52F1225009

 Not sequential

Vehicle 2 : 2014-2016 Mazda Mazda3

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Plant information; Mazda de Mexico Vehicle Operation. Only Mazda3 vehicles equipped with a hand-operated parking brake lever parking brake system are involved in the recall campaign.

Production Dates : JAN 06, 2014 - SEP 02, 2016

VIN Range 1 : Begin : 3MZBM1U70EM100353 End : 3MZBM1V73EM124127

 Not sequential

VIN Range 2 : Begin : 3MZBM1V77FM121913 End : 3MZBM1V71FM237205

 Not sequential

VIN Range 3 : Begin : 3MZBM1T76GM228021 End : 3MZBM1U78GM330080

 Not sequential

Description of Defect :

Description of the Defect : On July 25, 2017, Mazda has updated the remedy program to prioritize certain vehicles in the field.

Due to inappropriate sealing performance of the rear brake caliper protective boot on hand-operated parking brake system, particularly under low temperature conditions, water may enter the brake caliper and cause the parking brake actuator shaft to become corroded. In continuous use under this condition, the corrosion may increase the diameter of the actuator shaft and inhibit the sliding motion of the shaft. In extreme cases, the corroded actuator shaft may potentially become stuck in the brake caliper body, which may lead to either a decrease in parking brake holding force, or to brake drag while driving.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The vehicle may unexpectedly move by itself if parked on a slope, which may cause a collision.

Description of the Cause : NR

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, Tok

NR

Country : NR

Chronology :

Please see the attached supplemental information titled "Chronology of Defect".

Description of Remedy :

Description of Remedy Program : Owners of record will be notified of this issue and instructed to take their vehicles to a Mazda dealer for repair. Mazda dealers will check the parking brake actuator shafts inside the left and right rear brake calipers. If an actuator shaft is found to be corroded, they will replace the brake caliper assembly with a modified one. If not, the dealer will replace the protective boot kit including improved parts. Because the replacement parts are not adequate to remedy for all the subject vehicles, Mazda intends to conduct a phased remedy with priority to the vehicles equipped with manual transmission that may have potentially the higher safety risk if the problem occurs. The repair will be performed free of charge to vehicle owners.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : A draft of the planned owner letter will be provided when it becomes available

Planned Dealer Notification Date : AUG 07, 2017 - AUG 07, 2017

Planned Owner Notification Date : AUG 21, 2017 - AUG 21, 2017

* NR - Not Reported