

Part 573 Safety Recall Report

19V-272

Manufacturer Name : Mazda North American Operations**Submission Date :** APR 04, 2019**NHTSA Recall No. :** 19V-272**Manufacturer Recall No. :** 3219D**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 : 187,798

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2016-2018 Mazda Mazda3

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : – Recall population was determined by the production record of vehicles which may have had the subject front body control module installed.
– The following is the affected number by MY/Make/Model: 2016MY Mazda Mazda3: 106,756 units 2017 MY Mazda Mazda3: 72,538 units 2018MY Mazda Mazda3: 8,504 units.

Production Dates : JUL 20, 2015 - JUL 18, 2017

VIN Range 1 : Begin : 3MZBM1X79GM240383	End : 3MZBM1U78GM330080	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin : 3MZBN1V79HM100013	End : 3MZBN1U78HM158289	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin : 3MZBN1V32JM158290	End : 3MZBN1L38JM165991	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin : JM1BM1T74G1280120	End : JM1BM1X79G1355940	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin : JM1BN1U74H1100017	End : JM1BN1U71H1153077	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin : JM1BN1V35J1154749	End : JM1BN1U74J1161518	<input type="checkbox"/> Not sequential

Description of Defect :

Description of the Defect : The front windshield wipers may become inoperative due to a defective relay that disrupts electrical power to the wiper motor. The relay becomes defective when metal deposits form due to heat generated during normal operation which causes eventual sticking of the relay contacts.
No injuries or deaths, accidents have been reported from the field to date as a result of this defect.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Drivers may experience reduced or poor visibility while driving due to inoperative front windshield wipers.

Description of the Cause : Improper design of the wiper relay.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Bosch Corporation

Address : 6-7, Shibuya 3-chome
Shibuya-ku Tokyo FOREIGN STATES 1508630

Country : Japan

Chronology :

Please see the chronology of Defect.

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Mazda dealer. Dealers will replace the front body control module with a new module which uses an improved wiper relay design. There will be no charge for this service to vehicle owners.
Copies of the reimbursement plan will be submitted as a supplemental report when available.

How Remedy Component Differs from Recalled Component : BCM-FRONT: KD45-675X0,TK52-675X0, BACS-675X0

Identify How/When Recall Condition was Corrected in Production : Changed the capacity of the condenser inside wiper motor on July 11, 2017.
Changed the relay for the wiper of Front body control module on October 3, 2017

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on April 18, 2019. Mailing of owner notification letters is expected to be completed on or before June 3, 2019.

Planned Dealer Notification Date : APR 18, 2019 - APR 18, 2019

Planned Owner Notification Date : JUN 03, 2019 - JUN 03, 2019

* NR - Not Reported