

Part 573 Safety Recall Report

20V-063

Manufacturer Name : Mazda North American Operations

Submission Date : FEB 06, 2020

NHTSA Recall No. : 20V-063

Manufacturer Recall No. : 4320A



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 : 36,761

Estimated percentage with defect : 21 %

Vehicle Information :

Vehicle 1 : 2016-2016 Mazda CX-5

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : – Recall population determined by the production record of vehicles which may have had the subject LED headlight units installed. Affected headlight units use an improper sealing gasket material specification.

– Similar vehicles not included in this recall are equipped with LED headlight units which use an improved sealing gasket, or are equipped with halogen headlight units which are not subject to the defect.

The following is the affected number of vehicles by MY/Make/Model:

MY2016 Mazda CX-5 built at Mazda Motor Corporation in Japan: 36,761 units.

Production Dates : NOV 03, 2014 - DEC 07, 2015

VIN Range 1 : Begin : JM3KE2DY3G0600017 **End :** JM3KE4DY9G0751326 Not sequential

Description of Defect :

Description of the Defect : The LED type daytime running lights may flicker or fail to illuminate while driving.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If one or both DRLs fail to illuminate, surrounding traffic and pedestrians may have a reduced ability to detect the affected vehicle, especially when the headlights are off in low light conditions. No accidents, injuries, or deaths have been reported to date as a result of this defect.

Description of the Cause : Due to an inappropriate material specification of the sealing gasket attached to the LED daytime running light (DRL) wiring connector, the gasket can release sulfur which may corrode the LED circuit controlling the DRL. If corrosion of

the circuit develops, the circuit may lose continuity, causing flickering and/or failure of DRL illumination. One or both front DRLs on affected vehicles could be affected by this defect.

Identification of Any Warning that can Occur : There is no warning preceding or during DRL malfunction.

Supplier Identification :

Component Manufacturer

Name : Stanley electric Co, LTD.

Address : 2-9-13 Nakameguro, Meguro-ku, Tokyo
FOREIGN STATES

Country : Japan

Chronology :

Please see the attached file, "Chronology of defect.pdf".

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 conduct an inspection and, if needed, replace the sealing gasket with an improved part and attach a desulfurizing material to both headlight units. Mazda may also replace the headlight unit if a failure occurs related to this recall concern. There will be no charge for this service to vehicle owners. This defect is applicable to the reimbursement plan Mazda submitted on September 10, 2019. Through this general reimbursement plan, Mazda will reimburse vehicle owners for repair cost incurred due to the subject defect prior to submission of this safety recall.

How Remedy Component Differs from Recalled Component : The remedy sealing gasket has a greatly reduced sulfur content, which does not adversely affect the DRL circuit.
Recalled Parts name: Headlight unit. Part number: KA0G-51031, KA0G-51041

Identify How/When Recall Condition was Corrected in Production : Improved headlight units with proper sealing gaskets were implemented at the vehicle assembly plant on December 8, 2015.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on or before February 11,

2020. Mailing of owner notification letters is expected to be completed on or before March 6, 2020.

Planned Dealer Notification Date : FEB 11, 2020 - FEB 11, 2020

Planned Owner Notification Date : MAR 06, 2020 - MAR 06, 2020

* NR - Not Reported