



April 7, 2016

Mr. Frank S. Borris II
Acting Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-210)
1200 New Jersey Avenue SE
Washington, DC 20590

Re.: Submission of Foreign Recall Campaign Report

Dear Mr. Borris:

This is to inform you that Mazda Motor Corporation has decided to conduct a field service action in a foreign country on April 1, 2016. Mazda North American Operations (MNAO), on behalf of Mazda Motor Corporation of Hiroshima, Japan (Mazda), submits the following information concerning a foreign recall report as required in 49 CFR, Part 579.12.

If you have further questions, please let me know.

Sincerely,

A handwritten signature in blue ink, appearing to be 'JV' or similar initials.

Joshua Vella
Manager, Quality Office
Mazda North American Operation

Foreign Safety Recall / Other Safety Campaign Report

Subject: DC/DC converter

Manufacturer Name: Mazda Motor Corporation

Type of Action: Safety

Potentially Affected Vehicles

Make / Model: Mazda / MY 2014-2016 Demio/Mazda2, MY 2015 CX-3, MY 2015 Roadster.

Assembly plant / Production Period

Demio/Mazda2

Assembly Plant: Hofu plant of Mazda Motor Corporation, in Japan.

Production Period: August 5, 2014 through July 8, 2015.

VIN Range: DJ5AS 100012-100032, DJ5FS 100032-135399

Assembly Plant: Auto Alliance Thailand, in Thailand.

Production Period: October 27, 2014 through July 29, 2015.

VIN Range: MM8DJ***** 102840-157441, MM8DL***** 104851-156830

Assembly Plant: Mazda de Mexico Vehicle Operation in Mexico.

Production Period: October 21, 2014 through October 15, 2015.

VIN Range: 3MDDJ***** 100063-12234.

CX-3

Assembly Plant: Hiroshima plant of Mazda Motor Corporation, in Japan.

Production Period: February 2, 2015 through June 16, 2015.

VIN Range: DK5AW 100216-105468, DK5FW 100558-111021.

JMZDK***** 100191-107631.

Roadster

Assembly Plant: Hiroshima plant of Mazda Motor Corporation, in Japan.

Production Period: March 5, 2015 through September 16, 2015.

VIN Range: ND5RC 100077-106715

Number of affected vehicles: 5,457 vehicles.

Markets: Japan, Europe, Oceania, Africa, Asia.

Estimated percentage of the affected vehicles that contain the subject condition

Unknown.

Description of the Defect

Due to improper instruction of a parts inspection at the DC/DC converter manufacturer, excessive surge voltage was applied and may damage the electric substrate. Under continued use, a short-circuit can occur inside the DC/DC converter, which leads to an insufficient electric charge and illumination of the warning light. In the worst case, this can result in increased risk of fire.

Note: This DC/DC converter is used in Mazda's i-ELOOP - a brake energy regeneration system.

Number of Reports of the Condition

Alleged concern: 1 case.

Alleged injuries: None.

Alleged fatalities: None.

Program for Remedying the Defect

Replace the DC/DC converter with a modified one.

Date Field Service Action commenced is on April 8, 2016.

Determination made by Mazda Motor Corporation.

Substantially Similar Vehicles in the U.S.

(Mazda) MY 2016 Mazda2, MY 2016 CX-3, and MY 2016 MX-5.

(Toyota) MY 2016 Scion iA and MY 2016 Yaris.

Reason the Similar Vehicles in the U.S. are not affected with the Recall Campaign

Mazda vehicles including MY 2016 Mazda2, MY 2016 CX-3, and MY 2016 MX-5 and Toyota vehicles including MY 2016 Scion iA and MY 2016 Yaris sold in the U.S. and/or U.S. territories are not equipped with the concern DC/DC converter. Therefore, Mazda vehicles including MY 2016 Mazda2, MY 2016 CX-3, and MY 2016 MX-5 and Toyota vehicles including MY 2016 Scion iA and MY 2016 Yaris sold in the U.S. and/or U.S territories are not involved in this recall campaign.

Recall Number Assigned by Japan Authority

No.3795.