

Mazda North American Operations

11V-329  
(3 Pages)

Mr. Claude H. Harris  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
Attn: Recall Management Division (NVS-215)  
1200 New Jersey Avenue SE, Room W45-231  
Washington, DC 20590

June 15, 2011

Dear Mr. Harris,

Re.: Submission of Part 573 report for 2008-2009 MY Mazda3 and Mazdaspeed3 vehicles

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, "Defect and Noncompliance Reports," Mazda North American Operations (MNAO), on behalf of Mazda Motor Corporation of Hiroshima, Japan (Mazda), submits the following information concerning a voluntary recall action that it is initiating.

Sec. 573.6 (c)(1) - Manufacturer's Name:

Mazda Motor Corporation with Designated Agent:

David G. Robertson, Group Manager  
Environmental, Safety and Powertrain Engineering  
Mazda North American Operations  
1500 Enterprise Drive, Allen Park  
Michigan 48101-2053

Sec. 573.6 (c)(2) – Potentially Affected Vehicles:**Identification of the vehicles potentially affected**

2008-2009 Model Year Mazda3 and Mazdaspeed3 vehicles built from January 7, 2008 through November 28, 2008. Plant information and the VIN range are as follows;

Vehicle	2008 - 2009MY Mazda3 and Mazdaspeed3
Plant	Hofu plant 888-1, Nishinoura, Hofu, Yamaguchi, 747-0835, Japan
VIN range	JM1 BK****81 100006 - 187371 JM1 BK****91 187372 - 257722

## **Basis of determination of the recall population**

The vehicle population was based on manufacturing records of Mazda. The VIN range reflects all vehicles in the U.S. which potentially have been installed with the affected component.

Affected Component:	Windshield wiper motor
Manufacturer:	Bosch Electrical Drives Co., Ltd.
Address:	232 Geumho-ri, Buyong-myeon, Cheongwon-gun, Chungcheongbuk-do, Postal code: 363-942, South Korea
Telephone:	+ 82 (0)43 279 6777
Country of origin:	Republic of Korea

### Sec. 573.6 (c)(3) – Estimated Population of Vehicles Potentially Affected:

Approximately 103,300 vehicles in the United States and its territories are potentially affected.

### Sec. 573.6 (c)(4) – Estimated Percentage of Affected Vehicles with the Defect Condition:

Unknown

### Sec. 573.6 (c)(5) – Description of the Defect:

On certain 2008 and 2009 MY Mazda3/Mazdaspeed3 vehicles, the ground terminal of the windshield wiper motor may have been inadvertently bent during assembly. If this condition exists then over time the electrical resistance of the motor circuit may increase up to a point which would result in an inoperative wiper motor. The loss of wiper function in adverse weather could potentially increase the risk of a crash.

### Sec. 573.6 (c)(6) – Chronology of Events:

In September 2009, the first report was received from a U.S. customer that described the windshield wiper stopped working. At the time, the failed part was not returned to Mazda for the causal analysis.

In December 2009, a second report was received and the wiper motor was returned for inspection. Through investigation of the returned wiper motor it was determined that the failure was due to a bent ground terminal. Mazda decided to monitor the occurrence status in the field, because it was assumed that this occurrence was a single error of the assembling operator.

In March 2010, based on an increasing trend of the concern, the investigation was re-opened. The investigation identified that the supplier changed the jig used for installing the ground terminal in January 2008 and that the failures were concentrated in the period after this. It was discovered that the revised jig may bend the ground terminal if used improperly. Mazda decided to continue to monitor the field status because the concern frequency was still low.

In June 2011, Mazda decided that field action was necessary to remedy the concern because of an increase in the frequency of the occurrences. Mazda determined that the condition constituted a safety related defect.

### Sec. 573.6 (c)(7) – Basis of Non-Compliance Determination:

Not applicable.

Sec. 573.6 (c)(8) – Service Program:

Owners of record will be notified of this concern and will be instructed to take their vehicles to an authorized Mazda dealer for repair. To remedy the concern, an additional ground harness will be installed on the wiper motor. The repair will be performed free of charge to the vehicle owners.

Dealers will be notified of the voluntary recall in the week of July 4, 2011.

The mailing of owner notification letters by first class mail will begin on July 15, 2011 and completed on that day.

A copy of the reimbursement application form to be sent to owners and dealers as an attachment to the owner notification letter will be provided for review when it is available. With respect to reimbursement, customers will be reimbursed based on the submission of a receipt indicating the amount paid by the customer to remedy this problem.

Sec. 573.6 (c)(9) – Service Program for Tire Replacement:

Not applicable.

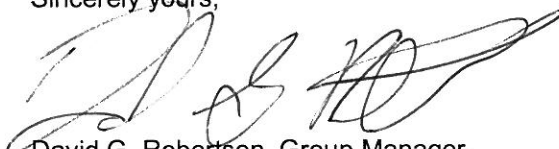
Sec. 573.6 (c)(10) – Copy of notification letters:

A copy of the owner notification letter to be sent to owners will be provided for your review when it becomes available.

Sec. 573.6 (c)(11) – The Manufacturer's Campaign Number:

Mazda has assigned recall number 6411F to this action.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'D. G. Robertson', written over a horizontal line.

David G. Robertson, Group Manager,  
Environmental, Safety & Powertrain Engineering  
Mazda North American Operations