

Mazda North American Operations

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DEFECTS INVESTIGATION



04V-559
(2 pages)

Mr. Kenneth N Weinstein
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, DC 20590

November 22, 2004

Dear Mr. Weinstein:

Re.: Submission of Part 573 report for 2005 model year Mazda 3 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 safety-related recall action that it is initiating.

Sec. 573.6 (c)(1):

Mazda Motor Corporation with Designated Agent:

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

Sec. 573.6 (c)(2):

Two 2005 model year Mazda 3 vehicles	
(Vehicle Identification Number)	(Production Date)
JM1BK343151222086	August 24, 2004
JM1BK323851221309	August 25, 2004

Sec. 573.6 (c)(3):

Two vehicles

Sec. 573.6 (c)(4):

Unknown.

Sec. 573.6 (c)(5):

Due to a crack in the solder connection attaching the acceleration sensor in the SAS unit, the airbag may not deploy when the vehicle is involved frontal crash.

Sec. 573.6 (c)(6):

Mazda first became aware of this problem when an airbag warning light illuminated during an inspection at our assembly plant in the end of August 2004. Initially, we were unable to find the cause of the problem. But it kept recurring during vehicle inspections and eventually we discovered that the jig used to inspect the acceleration sensor at the parts supplier made contact with the base plate, damaging the solder connection. Mazda believes that the damaged solder connection may be the cause of potential problems with the SAS unit in these vehicles.

Sec. 573.6 (c)(7):

Not Applicable

Sec. 573.6 (c)(8):

Two owners of record were notified of the defect by telephone and were instructed to bring their vehicle to their Mazda dealer for a repair that was performed at no cost to the vehicle owner.

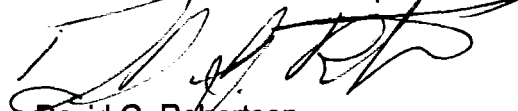
Sec. 573.6 (c)(9) & (10):

Not Applicable (Mazda dealers have contacted the two owners by telephone.)

Sec. 573.6 (c)(11):

Mazda has assigned recall number 2504K to this action.

Sincerely yours,
Mazda North American Operations



David G. Robertson
Manager,
Environmental & Safety Engineering