



Timothy J. Nalepka  
Senior Vice President & General Counsel

Direct Line: (847) 285-2085  
Facsimile: (502) 318-8085

March 1, 2011

**BY EMAIL AND**  
**BY CERTIFIED MAIL**

11V-150  
(8 Pages)

Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
Attention: Recall Management Division (NVS – 215)  
1200 New Jersey Avenue, SE.  
Washington, DC 20590

**Re: PART 573 NOTICE RE MCI 2010 & 2011 J & E MODEL COACHES WITH**  
**DOGA WINDSHIELD WIPER MOTORS**

Dear Sir or Madam:

I have enclosed Motor Coach Industries, Inc.'s ("MCI") Part 573 Defect and Noncompliance Report, proposed customer notification letter, draft Service Bulletin 356, and sample envelope and mailing label.

Please confirm receipt of this notice and provide NHTSA's reference number. Thanks for your assistance with this matter.

Sincerely,  
MOTOR COACH INDUSTRIES, INC.

By: Timothy J. Nalepka  
Senior Vice President &  
General Counsel

Enclosures

Safety Defect and Noncompliance Report Guide for Vehicles  
**PART 573 Defect and Noncompliance Report**

**On February 4, 2011, Motor Coach Industries, Inc. decided that a defect which relates to motor vehicle safety exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.**

**Date this report was prepared: March 1, 2011**

**Furnish the manufacturer's identification code for this recall (if applicable):**

MCI Service Bulletin 356

**1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.**

Motor Coach Industries, Inc.  
1700 E. Golf Road  
Suite 300  
Schaumburg, IL 60173

**Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.**

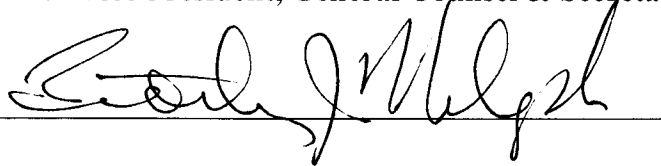
Jim Macdonald, Executive Director, Engineering

Telephone Number: (204) 287-4949 Fax No.: (204) 478-2877

**Name and Title of Person who prepared this report.**

Timothy J. Nalepka  
Senior Vice President, General Counsel & Secretary

Signed: \_\_\_\_\_



**I. Identify the Vehicle Models Involved in the Recall**

**2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:**

All E model and J model coaches equipped with a DOGA windshield wiper motor.

**Make(s):** MCI

**Model Years and Models Involved:**

Coach Model	Model Year	# Potentially Affected Units
J4500C	2010	2
E4500	2011	5
J4500	2011	137
<b>Total</b>		<b>144</b>

**Production Dates:**

- |                |                             |                         |
|----------------|-----------------------------|-------------------------|
| 1. 2010 J4500C | <b>Beginning:</b> May 2010  | <b>Ending:</b> May 2010 |
| 2. 2011 E4500  | <b>Beginning:</b> Sept 2010 | <b>Ending:</b> Jan 2011 |
| 3. 2011 J4500  | <b>Beginning:</b> Sept 2010 | <b>Ending:</b> Jan 2011 |

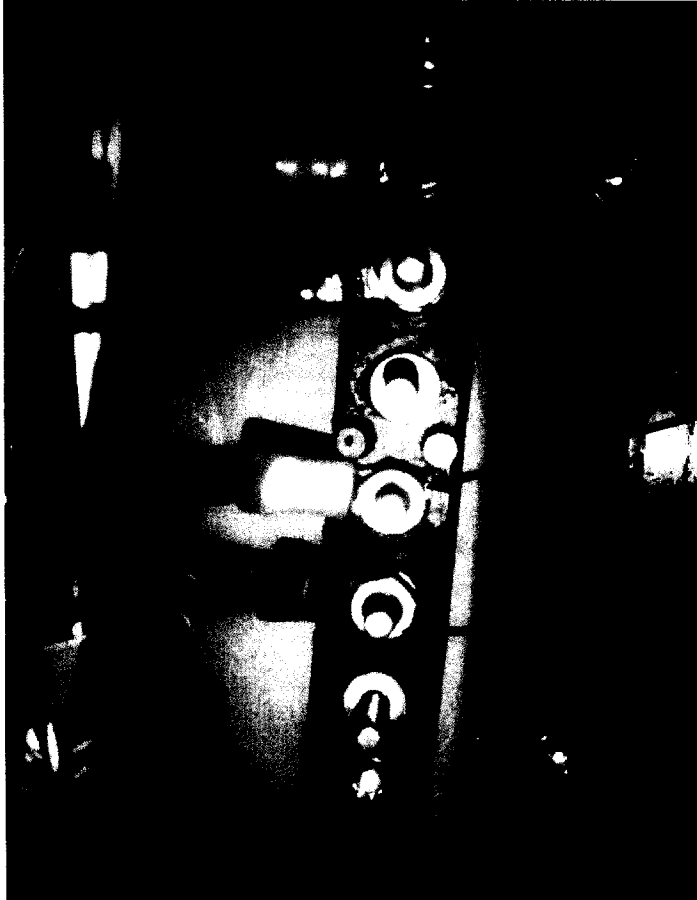
**VINS:**

65601	65607	65656 to 65778	65780 to 65784	65786 to 65799
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**Descriptive information which characterizes /distinguishes the recalled vehicles from those model vehicles not included in the recall:**

Coaches manufactured prior to the recall population were wired differently with respect to the subject recall issue. MCI implemented a wiring change to the wiper circuit beginning with unit 65601, the first unit that is part of the recall population. MCI discovered that the wiring connections in the front junction box for the circuit powering the wiper system were incorrect in certain of the recalled coaches. The following figure indicates when the wiring is incorrect and when it is correct. The stud block is located on the compartment wall in the front electrical junction box located by the driver and accessed from the exterior of the vehicle. If the red wire, 1285A, is incorrectly connected to stud 5, and the black wire,

1244A, is incorrectly connected to stud 4, the wiper motor will operate on a 7.5A fuse instead of the intended designed 30A fuse.



Red wire connected to studs 4 is CORRECT  
Black wire connected to stud 4 is NOT CORRECT

Black wire connected to studs 5 is CORRECT  
Red wire connected to stud 5 is NOT CORRECT

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Widgets equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

The recall population is approximately 84% of the total E and J series coach population produced during the model years referenced above.

**II. Identify the Recall Population**

**3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.**

**Total Number Potentially Affected by the Recall: 144**

**4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance:**

MCI estimates that 20% of the recalled vehicles contain the defect.

**Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:**

MCI implemented a wiring change to the wiper circuit beginning with unit 65601. In January 2011, MCI observed that some of E/J coaches that had had this wiring change implemented were connected incorrectly. MCI inspected all coaches at the factory and found that 20% were wired incorrectly (16 out of 20 coaches were wired correctly). MCI determined that additional training of employees working at the relevant station of the production line was appropriate in order to ensure that the coaches would be wired correctly. The additional proper installation training was completed effective with production of unit 65800.

### **III. Describe the Defect or Noncompliance**

**5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.**

The wiring connections in the front junction box for the circuit powering the wiper system may be incorrect in the recalled coaches. The stud block on the compartment wall in the front electrical junction box located by the driver, and accessed from the exterior of the vehicle, may have the red wire, 1285A, incorrectly connected to stud 5, and the black wire, 1244A, incorrectly connected to stud 4. Refer to the figure in section 2 above.

**Describe the cause(s) of the defect or noncompliance condition.**

MCI has identified a potential incorrect installation of the wiring which occurred in the manufacturing facility. If the recalled vehicle has the incorrect wiring installation, the wiper motor will be powered from a lower-rated fuse which may open under heavy load, such as high winds, heavy rain, or a dry windshield. If this occurs, the windshield wipers may completely stop operating. If the windshield wipers stop functioning, the driver's clear field of view may be reduced.

**Describe the consequence(s) of the defect or noncompliance condition.**

If the defect occurs the wiper may stop functioning. The driver's clear field of view may be reduced.

Identify any warning which can (a) precede or (b) occur.

There may be no warning if the wiper motor stops operating.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

N/A

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

N/A

#### **IV. Provide the Chronology in Determining the Defect/Noncompliance**

*If the recall is for a defect, complete item 6, otherwise item 7.*

**6. With respect to a defect, furnish a chronological summary (including dates) of all the principal events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.**

In January 2011, MCI identified the possibility that the wiper system wiring may have been installed incorrectly during manufacturing operations on some of its E and J model coaches. The incorrect wiring installation will cause the wiper motor to operate on a 7.5A fuse instead of the intended designed 30A fuse.

MCI determined that additional training of employees working at the relevant station of the production line was appropriate in order to ensure that the coaches would be wired correctly. The additional proper installation training was completed effective with production of unit 65800.

MCI has not received any reports of accidents, injuries, fatalities, or warranty claims with respect to this defect.

**7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.**

N/A

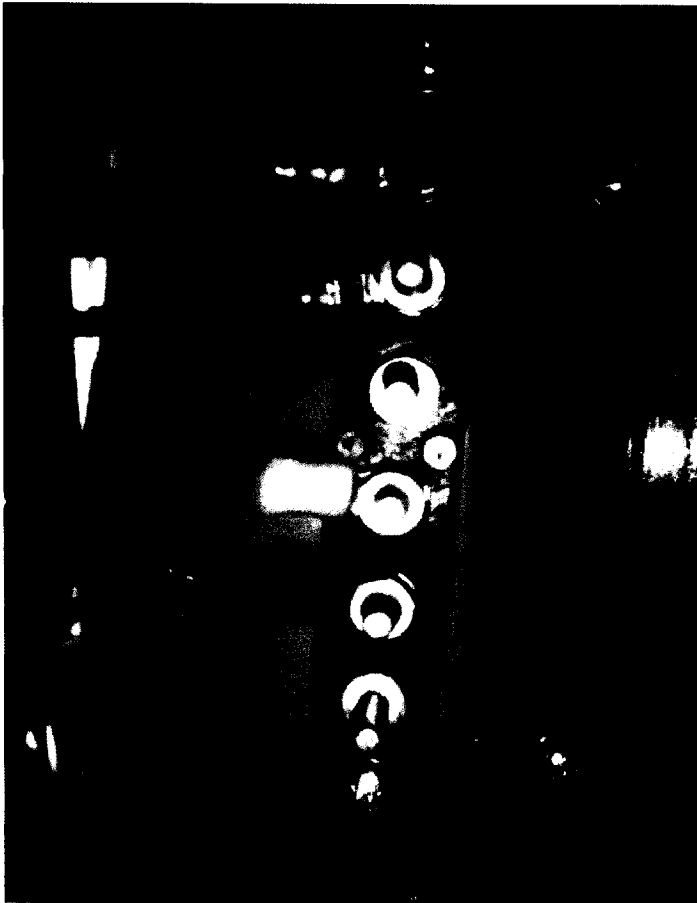
## V. Identify the Remedy

**8. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.**

MCI will provide, at no cost to customers, the labor to inspect and rework as necessary the incorrectly installed wiring. No parts are required for this remedy. The procedure is further described in the attached MCI Service Bulletin 356.

**Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.**

The rework will result in the wires being correctly connected to the stud block. The picture below depicts the correct installation of the wires, with the red wire on stud 4 and the black wire on stud 5.



**Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.**

MCI corrected the recall condition in production beginning with unit number 65800. Unit numbers 65779 and 65785 were also corrected at the factory. MCI anticipates that the production and field recall remedies will be identical.

#### **VI. Identify the Recall Schedule**

**9. Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please identify any foreseeable problems with implementing the recall.**

MCI anticipates sending notifications to customers within one week after receiving approval by NHTSA of MCI's draft customer notification.

#### **VII. Furnish Recall Communications**

**10. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. *A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) for review prior to mailing.***

MCI's proposed customer notification letter and Service Bulletin 356 are attached hereto.

**Note that these documents are to be submitted separately from those provided in accordance with Part 573.8 requirements.**