

Part 573 Safety Recall Report

16V-702

Manufacturer Name : Motor Coach Industries**Submission Date :** SEP 28, 2016**NHTSA Recall No. :** 16V-702**Manufacturer Recall No. :** SB 439**Manufacturer Information :**

Manufacturer Name : Motor Coach Industries

Address : 200 East Oakton Street

Des Plaines IL 60018

Company phone : 1-800-241-2947

Population :

Number of potentially involved : 41

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 MCI J4500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain model year 2017 MCI J4500 coaches that have a multiplexing system program error affecting low air pressure signals in the vehicle's primary service brake air reservoir system.

Production Dates : MAR 14, 2016 - AUG 23, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Due to a multiplexing system program error, in the event of a low air pressure condition in the vehicle's primary service brake air reservoir system, the system does not send either an audible or visible warning signal as required by FMVSS 121, S5.1.5.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : If a low pressure condition occurred and the driver did not notice the condition based on the gauge in the dashboard area and stop the vehicle to investigate the loss of air pressure, the vehicle's parking brakes would apply automatically and without further warning if the reservoir's air pressure dropped significantly.

Description of the Cause : A coding error in the vehicle's multiplexing system.

Identification of Any Warning that can Occur : The air pressure gauge in the dashboard area would alert the driver to a low pressure condition.

Supplier Identification :**Component Manufacturer**

Name : NR
Address : NR
NR
Country : NR

Chronology :

On September 20, 2016, MCI Eng'g received a report that a 2017 MCI J4500 coach did not transmit an audible or visible warning signal during a low air pressure condition in the coach's primary service brake air reservoir system. After investigation, MCI determined that the condition was caused by a programming error in the coach's multiplexing system. On September 21, 2016, MCI determined that the condition resulted in a non-compliance with FMVSS 121 in the affected vehicles, requiring this recall.

Description of Remedy :

Description of Remedy Program : MCI will correct the programming error in the affected vehicles' multiplexing system at no cost to owners.

How Remedy Component Differs from Recalled Component : The corrected multiplexing program has been verified by MCI Eng'g as remedying the lack of audible and visible warnings to the driver for low air pressure conditions.

Identify How/When Recall Condition was Corrected in Production : MCI corrected the recall condition in production on Sep. 21, 2016.

Recall Schedule :

Description of Recall Schedule : MCI will issue its customer notification letter and service bulletin correcting the multiplexing program in affected vehicles within one week of NHTSA approval.

Planned Dealer Notification Date : OCT 07, 2016 - OCT 07, 2016

Planned Owner Notification Date : OCT 07, 2016 - OCT 07, 2016

* NR - Not Reported