

# Part 573 Safety Recall Report

# 17V-687

**Manufacturer Name :** Motor Coach Industries**Submission Date :** OCT 30, 2017**NHTSA Recall No. :** 17V-687**Manufacturer Recall No. :** SB 455**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 : 35

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2018-2018 MCI J4500

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** 2018 model year J4500 coach vehicles built prior to the correction in production of correct connections between air systems and their respective instrument panel gauges.

The primary and secondary air systems are color coded. The green air line is supposed to be connected to the left connection to the instrument panel, and the red air line is supposed to be connected to the right connection to the instrument panel (both when viewed from the drivers' seat – see attached photos). The vehicles being recalled have the air line connections reversed.

Production Dates : FEB 16, 2017 - SEP 28, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** As a result of the misconnections, the instrument panel air gauges do not reflect the actual air pressure of the primary and secondary air systems. In other words, the primary air system gauge would show the air pressure in the secondary air system, and the secondary air system gauge would show the air pressure in the primary air system.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

**Description of the Safety Risk :** The vehicle driver would not have the correct information regarding the status of the primary and secondary air pressure systems. For example, low air pressure in the primary air system would show as low air pressure in the secondary system in the instrument panel's gauges, which could cause the

driver to delay reacting to and addressing the low air condition, and thereby increase the risk of a crash.

**Description of the Cause :** The air line connections were reversed when the air lines were connected to the instrument panel during vehicle production. This caused the air readings in the primary and secondary air gauges to be reversed.

**Identification of Any Warning that can Occur :** None

## Supplier Identification :

### Component Manufacturer

**Name :** NR  
**Address :** NR  
NR  
**Country :** NR

## Chronology :

During a quality assurance audit on Sep. 28, 2017, MCI discovered that the instrument panel's air gauges for the primary and secondary air systems were not reflecting the correct air pressure in the respective system. Further investigation revealed that the cause was due to misconnection of the air lines to the instrument panel connections. Further investigation revealed that the misconnections resulted from use of a new instrument panel for MCI's 2018 model year J4500 coaches. MCI determined that the misconnections caused the vehicles to be in noncompliance with FMVSS 121, and that a recall was appropriate.

## Description of Remedy :

**Description of Remedy Program :** MCI will pay for the labor required to have the connections corrected or will have MCI personnel make the corrections.

**How Remedy Component Differs from Recalled Component :** The air line connections are color coded (see attached photos). Proper connection can be determined by checking location of the color coded air line. No parts are being recalled. Connection change affects air line MCI installations 04-15-1314 and 04-15-1315

**Identify How/When Recall Condition was Corrected in Production :** MCI implemented the correct air lines connections in production on Sep. 28, 2017.

## Recall Schedule :

**Description of Recall Schedule :** MCI will notify affected vehicle owners within seven days of NHTSA approval of MCI's customer notification.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported