

# Part 573 Safety Recall Report

# 18V-223

**Manufacturer Name :** Motor Coach Industries**Submission Date :** APR 09, 2018**NHTSA Recall No. :** 18V-223**Manufacturer Recall No. :** SB 461**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 : 195

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 :** MCI implemented design changes to its MY 2018 J4500 coach that resulted in the rear left hand tail lamp harness branch of the engine compartment wiring harness chafing the engine coolant tank, which could damage the wires and cause a loss of power to the left rear tail lamp lights. MCI changed the routing in production on 1/12/18. The recalled vehicles are the MY 2018 MCI J4500 coaches manufactured prior to 1/12/18.

**Production Dates :** FEB 16, 2017 - JAN 12, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** The rear left hand tail lamp harness branch of the engine compartment wiring harness may chafe against the engine coolant tank. If it occurs, the chafing could damage the wires and cause a loss of power to the left rear tail lamp lights, resulting in a noncompliance with FMVSS 108.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

**Description of the Safety Risk :** Failure of the rear left hand tail lamp lighting could result in vehicles following the affected coach to experience reduced indication of the coach turning or stopping. At night, the loss of the left hand tail lamp will reduce the rear visibility of the coach. Reduced visibility of the coach during turning, stopping, and at night could result in a crash into the coach.

**Description of the Cause :** The cause is that the left hand tail lamp harness branch of the engine compartment harness may chafe the engine coolant surge tank. The chafing can damage the wires in the harness, potentially resulting in loss of electrical power to the left rear tail lamp lights.

**Identification of Any Warning that can Occur :** Flashing of the low coolant indicator in the driver's instrument panel would occur when the tail lamp harness wires are damaged by chafing against the surge tank. Also, the vehicle's multiplex (MUX) system would provide an indication of a short in the tail lamp wiring.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

On 11/10/2017, MCI received a service report indicating a failure of the tail lamps on a MY 2018 J4500 coach due to the engine compartment harness shorting to the engine coolant surge tank. After further investigation, on 1/12/18 MCI implemented a change in production to the left hand tail lamp harness branch routing that resulted in an increase of the clearance between the harness and the coolant surge tank. On 4/2/2018, MCI received a second report of the loss of tail lamps on a MY 2018 J4500 coach due to the engine compartment harness shorting to the engine coolant surge tank. On 4/2/2018, MCI decided to recall all vehicles affected by the engine coolant surge tank relocation.

## Description of Remedy :

**Description of Remedy Program :** MCI will pay for the labor to have the wiring harness on affected vehicles re-routed and inspected for damage, and MCI will pay for the labor and materials to repair any damaged wires.

**How Remedy Component Differs from Recalled Component :** The tail lamp harness branch of the engine compartment harness will have a different routing around the engine coolant surge tank in order to provide adequate clearance to the engine coolant surge tank.

**Identify How/When Recall Condition was Corrected in Production :** On 1/12/18 MCI implemented a change in production to the left hand tail lamp harness branch routing that resulted in an increase of the clearance between the harness and the coolant surge tank.

## Recall Schedule :

**Description of Recall Schedule :** MCI will mail customer notification letters and service bulletins within seven (7) days after NHTSA approval.

**Planned Dealer Notification Date :** APR 27, 2018 - APR 27, 2018

Planned Owner Notification Date : APR 27, 2018 - APR 27, 2018

\* NR - Not Reported