

# Part 573 Safety Recall Report

# 18V-309

**Manufacturer Name :** Motor Coach Industries**Submission Date :** MAY 13, 2018**NHTSA Recall No. :** 18V-309**Manufacturer Recall No. :** NR**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 : 1,105

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2011-2016 MCI D4500

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : All MCI D model coaches built with Cummins ISX engines and with the 08-20-1786 exhaust pipe assemblies. The recall vehicles have exhaust pipe assembly part number 08-20-1786. The vehicles not included in the recall have a new exhaust pipe assembly (08-20-2555 for the diesel Cummins ISX, and 08-20-2556 for the Cummins ISX G).

Production Dates : MAR 02, 2011 - OCT 06, 2015

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2011-2016 MCI D4505

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : All MCI D model coaches built with Cummins ISX engines and with the 08-20-1786 exhaust pipe assemblies. The recall vehicles have exhaust pipe assembly part number 08-20-1786. The vehicles not included in the recall have a new exhaust pipe assembly (08-20-2555 for the diesel Cummins ISX, and 08-20-2556 for the Cummins ISX G).

Production Dates : JAN 31, 2011 - JUL 08, 2015

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2011-2016 MCI D4000

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : All MCI D model coaches built with Cummins ISX engines and with the 08-20-1786

**Descriptive Information :** exhaust pipe assemblies. The recall vehicles have exhaust pipe assembly part number 08-20-1786. The vehicles not included in the recall have a new exhaust pipe assembly (08-20-2555 for the diesel Cummins ISX, and 08-20-2556 for the Cummins ISX G).

**Production Dates :** SEP 26, 2011 - AUG 25, 2015

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 4 :** 2011-2016 MCI D4005

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** DIESEL

**Descriptive Information :** All MCI D model coaches built with Cummins ISX engines and with the 08-20-1786 exhaust pipe assemblies. The recall vehicles have exhaust pipe assembly part number 08-20-1786. The vehicles not included in the recall have a new exhaust pipe assembly (08-20-2555 for the diesel Cummins ISX, and 08-20-2556 for the Cummins ISX G).

**Production Dates :** DEC 22, 2011 - SEP 08, 2015

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 5 :** 2011-2016 MCI D4000 ISTV

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** DIESEL

**Descriptive Information :** All MCI D model coaches built with Cummins ISX engines and with the 08-20-1786 exhaust pipe assemblies. The recall vehicles have exhaust pipe assembly part number 08-20-1786. The vehicles not included in the recall have a new exhaust pipe assembly (08-20-2555 for the diesel Cummins ISX, and 08-20-2556 for the Cummins ISX G).

**Production Dates :** AUG 11, 2011 - JUN 08, 2015

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The exhaust bellows pipe on the recall vehicles may be experiencing premature metal fatigue resulting in an exhaust leak.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** Should the pipe fail and a regeneration event occur, the exhaust gases could cause a fire, potentially causing personal injury and/or property damage.

**Description of the Cause :** The cause is due to the exhaust pipe bellows vibrating in some operating conditions, resulting in reduced life of the bellows.

**Identification of Any Warning :** The operator may receive an engine code if there is a significant exhaust pipe

that can Occur : leak or if the exhaust pipe has completely failed. The insulation blanket covering the bellows may show signs of damage or soot.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

In April 2013, MCI conducted a recall (13V-142) to remedy incorrectly installed bellows pipes on certain MCI model year 2012 and 2013 D model vehicles. In April 2017, NHTSA contacted MCI regarding a customer inquiry concerning the scope of recall 13V-142. After investigating the information provided by NHTSA, MCI was unable to confirm with certainty that the original vehicle population was correct. Accordingly, in an abundance of caution MCI conducted a second recall (17V-337) that expanded the first recall by an additional 178 vehicles (143 in the US and 35 in Canada). In response to further inquiries from NHTSA (RQ17-007), in May 2018 MCI agreed to conduct this recall, which includes and expands upon the vehicle population of the prior recalls, and implements a new vehicle repair.

## Description of Remedy :

Description of Remedy Program : MCI will provide at no cost to customers the parts and labor to replace the bellows pipe assembly on affected vehicles.

How Remedy Component Differs from Recalled Component : The recalled component is the exhaust pipe ISX D coach, part number 08-20-1786. The remedy component is the new exhaust pipe assembly (08-20-2555 for the diesel Cummins ISX, and 08-20-2556 for the Cummins ISX G). The new assembly has a mesh over the shortened pipe bellows and is intended to eliminate premature metal fatigue.

Identify How/When Recall Condition was Corrected in Production : MCI corrected the recall condition in production on 10/16/2015 with the implementation of the new exhaust pipe assemblies (08-20-2555 for the diesel Cummins ISX, and 08-20-2556 for the Cummins ISX G).

## 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 : JUN 15, 2018 - JUN 15, 2018

Planned Owner Notification Date : JUN 15, 2018 - JUN 15, 2018

\* NR - Not Reported