

# Part 573 Safety Recall Report

## 21V-364

**Manufacturer Name :** Motor Coach Industries

**Submission Date :** MAY 28, 2021

**NHTSA Recall No. :** 21V-364

**Manufacturer Recall No. :** R21-009



### 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 : 1,845

Estimated percentage with defect : 1 %

### Vehicle Information :

Vehicle 1 : 2017-2019 MCI D4000ISTV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on engine serial numbers provided by Cummins Inc. in response to Equipment Recall 21E-032, which have been cross-matched to MCI production records.

Production Dates : MAY 31, 2017 - NOV 06, 2019

VIN Range 1 : Begin : 1M81DMBA5HP014549 End : 1M81DMBAXKP015476 ☒ Not sequential

Vehicle 2 : 2017-2018 MCI D4000

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on engine serial numbers provided by Cummins Inc. in response to Equipment Recall 21E-032, which have been cross-matched to MCI production records.

Production Dates : JUL 30, 2017 - JUN 06, 2018

VIN Range 1 : Begin : 1M8SDMBA5HP014653 End : 1M8SDMBA2JP015037 ☒ Not sequential

Vehicle 3 : 2017-2019 MCI D4005

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on engine serial numbers provided by Cummins Inc. in response to Equipment Recall 21E-032, which have been cross-matched to MCI production records.

Production Dates : APR 03, 2017 - MAY 13, 2019

VIN Range 1 : Begin : 1M85DMBA9HP014510 End : 1M85DMBA5KP015466 ☒ Not sequential

Vehicle 4 : 2017-2020 MCI D4500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on engine serial numbers provided by Cummins Inc. in response to Equipment Recall 21E-032, which have been cross-matched to MCI production records.

Production Dates : MAR 27, 2017 - MAR 04, 2020

VIN Range 1 : Begin : 1M8PDMBA5HP014514 End : 1M8PDMBA8LP015651 ☒ Not sequential

Vehicle 5 : 2017-2019 MCI D4505

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on engine serial numbers provided by Cummins Inc. in response to Equipment Recall 21E-032, which have been cross-matched to MCI production records.

Production Dates : APR 03, 2017 - FEB 20, 2020

VIN Range 1 : Begin : 1M86DMBA9HP014513 End : 1M86DMBA1KP015453 ☒ Not sequential

Vehicle 6 : 2018-2020 MCI D45CRTLE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on engine serial numbers provided by Cummins Inc. in response to Equipment Recall 21E-032, which have been cross-matched to MCI production records.

Production Dates : APR 22, 2018 - DEC 22, 2020

VIN Range 1 : Begin : 2MGZDMBA1JW068606 End : 1M8ZDMBA7LP081083 ☒ Not sequential

Vehicle 7 : 2018-2021 MCI J3500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on engine serial numbers provided by Cummins Inc. in response to Equipment Recall 21E-032, which have been cross-matched to MCI production records.

Production Dates : AUG 17, 2018 - DEC 21, 2020

VIN Range 1 : Begin : 2MG3JMXA4KW021000 End : 2MGKJMXA3JW068965 ☒ Not sequential

Vehicle 8 : 2017-2020 MCI J4500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is based on engine serial numbers provided by Cummins Inc. in response to Equipment Recall 21E-032, which have been cross-matched to MCI production records.

Production Dates : FEB 23, 2017 - FEB 03, 2021

VIN Range 1 : Begin : 2MG3JMBA4HW068088 End : 2MG3JMBAXLW069528 ☒ Not sequential

## Description of Defect :

Description of the Defect : Cummins Inc. has informed MCI that the engines supplied for the subject buses have a high-pressure fuel rail which may develop leaks, resulting in an undetected prolonged diesel fuel spray, as described in Equipment Recall 21E-032.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A leak involving the spraying/misting of fuel in the presence of an ignition source, may increase the risk of fire.

Description of the Cause : As described in Equipment Recall 21E-032, the rail end sealing bores in the fuel rail may have undersized pilot bores for the sealing washer, thus preventing the washer from properly seating, potentially resulting in inadequate load for the joint to remain properly sealed in service.

Identification of Any Warning that can Occur : The operator may see or smell diesel fuel. In some cases, the check engine lamp may illuminate.

## Involved Components :

Component Name 1 : Cummins ISX12 Diesel Engine

Component Description : Heavy-Heavy Duty Diesel Engine

Component Part Number : NR

### Supplier Identification :

#### Component Manufacturer

Name : Cummins Inc.

Address : Box 3005

Mail Code 41303 Columbus Indiana 47202-3005

Country : United States

### Chronology :

On April 29th, 2021 Cummins Inc. contacted MCI to inform of the Equipment Recall 21E-032 and supplied a listing of affected engine serial numbers sold to MCI.

MCI began cross-matching engine serial numbers to the associated vehicle VIN's to comprehend the scope of this issue.

On May 12th, 2021 in response to the notification from Cummins the MCI Vehicle Safety Committee made a decision to declare a vehicle safety recall with NHTSA.

### Description of Remedy :

Description of Remedy Program : MCI will notify customers and have them contact their local approved Cummins Dealership to schedule the corrective actions. Cummins Inc. will supply parts and labor required to conduct the corrective actions on the customer vehicles as part of Cummins campaign 2423.

How Remedy Component Differs from Recalled Component : Completion of Cummins Campaign 2423 in the vehicle service history records.

Identify How/When Recall Condition was Corrected in Production : Current vehicle production is not affected. Cummins corrected their issue on production engines on 19 October 2020. The affected engines stopped shipping to MCI for incorporation into production vehicles several months prior to MCI being notified of the issue, with the last affected vehicle being shipped and accepted by the customer on 22 December 2020.

### Recall Schedule :

Description of Recall Schedule : Customer notification letter (577) has been approved by the RMD.

Planned Dealer Notification Date : JUN 21, 2021 - JUN 21, 2021

Planned Owner Notification Date : JUN 21, 2021 - JUL 02, 2021

\* NR - Not Reported