

Part 573 Safety Recall Report

21V-532

Manufacturer Name : New Flyer of America, Inc.

Submission Date : JUL 21, 2021

NHTSA Recall No. : 21V-532

Manufacturer Recall No. : R21-013



Manufacturer Information :

Population :

Manufacturer Name : New Flyer of America, Inc.

Number of potentially involved : 28

Address : 711 Kernaghan Avenue

Estimated percentage with defect : 100 %

Winnipeg, MB Canada 00 R2C3T4

Company phone : 204-224-6706

Vehicle Information :

Vehicle 1 : 2021-2021 New Flyer XD35

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Recall population is based on listing on listing of affected engine serial numbers supplied by Cummins Inc. in response to Equipment Recal 21E-060 for 2021MY L9 Engines.

Production Dates : MAY 21, 2021 - JUN 18, 2021

VIN Range 1 : Begin : 5FYD8KV17MF082562 **End :** 5FYD8KV17MF082562 Not sequential

Vehicle 2 : 2021-2021 New Flyer XD40

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Recall population is based on listing on listing of affected engine serial numbers supplied by Cummins Inc. in response to Equipment Recal 21E-060 for 2021MY L9 Engines.

Production Dates : MAY 21, 2021 - JUN 25, 2021

VIN Range 1 : Begin : 5FYD8FV1XMF076102 **End :** 5FYD8FV10MF076108 Not sequential

Description of Defect :

Description of the Defect : Cummins Inc. has informed New Flyer that the 2021 MY L9 engines supplied for the subject buses have a higher than normal amount of ammonia being produced in the exhaust emissions.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Exposure to ammonia at elevated concentrations may cause personal injury.
Description of the Cause : This issue has been determined to be the result of over-dosing of the exhaust aftertreatment system with Diesel Exhaust Fluid (DEF). This is a Cummins engine ECM programming/calibration issue.
Identification of Any Warning that can Occur : According to Cummins Inc., persons around the vehicle may smell ammonia.

Involved Components :

Component Name 1 : 2021 Model Year L9 Cummins Diesel Engine
Component Description : NR
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 22 June Cummins Inc. stopped shipment of 2021 MY L9 engines to New Flyer.
On 29 June 2021 Cummins Inc. contacted New Flyer to inform them that there may be an issue with the amount of excess ammonia produced by the 2021 MY L9 engine exhaust systems. New Flyer initiated a stop-shipment of buses with the affected engines on that date.
On 8 July 2021 Cummins Inc. formally informed New Flyer that they had filed an equipment recall (21E-060) with the National Highway Traffic Safety Administration (NHTSA) and supplied New Flyer with a listing of affected engine serial numbers. New Flyer began cross-matching engine serial numbers to the associated production vehicle VIN's.
On 13 July 2021 in response to the notification from Cummins Inc. the New Flyer Vehicle Safety Committee decided to declare a vehicle safety recall with NHTSA.
Recall declared with NHTSA on 14 July 2021.
On 16 July 2021 it was determined that the corrective actions for this recall would require recertification of the 2021 MY L9 engine with the EPA.

Description of Remedy :

Description of Remedy Program : Cummins Inc. will supply parts and labor required to conduct the corrective actions on the customer vehicles as part of Cummins campaign C2460.

How Remedy Component Differs from Recalled Component : ECM program revision level.

Identify How/When Recall Condition was Corrected in Production : Cummins Inc. plans to begin shipping corrected product to New Flyer for installation on production vehicles during the week of 19 July 2021.

Recall Schedule :

Description of Recall Schedule : There is on Dealer network. Customer notifications have been postponed. (see comment section below)

Planned Dealer Notification Date : JUL 19, 2021 - JUL 19, 2021

Planned Owner Notification Date : SEP 06, 2021 - SEP 10, 2021

* NR - Not Reported