

Part 573 Safety Recall Report

18V-827

Manufacturer Name : New Flyer of America Inc.**Submission Date :** JUN 13, 2019**NHTSA Recall No. :** 18V-827**Manufacturer Recall No. :** R18-020**Manufacturer Information :**

Manufacturer Name : New Flyer of America Inc.

Address : 711 Kernaghan Avenue

Winnipeg, MB Canada 00 R2C3T4

Company phone : 204-224-6706

Population :

Number of potentially involved : 463

Estimated percentage with defect : 40 %

Vehicle Information :

Vehicle 1 : 2015-2015 New Flyer XDE40

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : Diesel-Electric 40 Foot Heavy Duty Urban Transit Bus. Recall population of buses to be inspected based on time period supplier was using suspect parts (1 Jan 2015 to 5 Nov 2018). Suspect product will be identified by specific batch codes on component label.

Production Dates : MAR 27, 2015 - MAY 04, 2015

VIN Range 1 : Begin : 5FYH8FV17FC046514 End : 5FYH8FV18FC046523 Not sequential

Vehicle 2 : 2015-2017 New Flyer XN60

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

Descriptive Information : CNG 60 Foot Heavy Duty Urban Transit Bus. Recall population of buses to be inspected based on time period supplier was using suspect parts (1 Jan 2015 to 5 Nov 2018). Suspect product will be identified by specific batch codes on component label.

Production Dates : JUL 24, 2015 - OCT 17, 2017

VIN Range 1 : Begin : 5FYC8YC16FC047405 End : 5FYC8YC1XHB051983 Not sequential

Vehicle 3 : 2013-2017 New Flyer XN40

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

Descriptive Information : CNG 40 Foot Heavy Duty Urban Transit Bus. Recall population of buses to be inspected based on time period supplier was using suspect parts (1 Jan 2015 to 5 Nov 2018). Suspect product will be identified by specific batch codes on component label.

Production Dates : JAN 11, 2015 - AUG 04, 2017

VIN Range 1 : Begin : 5FYC8FB12DB043909 End : 5FYC8FB07HF050991 Not sequential

Vehicle 4 : 2015-2017 New Flyer XD40

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Diesel 40 Foot Heavy Duty Urban Transit Bus. Recall population of buses to be inspected based on time period supplier was using suspect parts (1 Jan 2015 to 5 Nov 2018). Suspect product will be identified by specific batch codes on component label.

Production Dates : MAR 27, 2015 - FEB 01, 2018

VIN Range 1 : Begin : 5FYD8FV10FC046546 End : 5FYD8FV18HF051964 Not sequential

Vehicle 5 : 2015-2015 New Flyer XD60

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Diesel 60 Foot Heavy Duty Urban Transit Bus. Recall population of buses to be inspected based on time period supplier was using suspect parts (1 Jan 2015 to 5 Nov 2018). Suspect product will be identified by specific batch codes on component label.

Production Dates : JUN 17, 2015 - JUL 21, 2015

VIN Range 1 : Begin : 5FYD8YU12FF046866 End : 5FYD8YU13FF046875 Not sequential

Vehicle 6 : 2014-2014 NABI 40LFW - Diesel

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Diesel 40 Foot Heavy Duty Urban Transit Bus. Recall population of buses to be inspected based on time period supplier was using suspect parts (1 Jan 2015 to 5 Nov 2018). Suspect product will be identified by specific batch codes on component label.

Production Dates : DEC 04, 2014 - FEB 21, 2015

VIN Range 1 : Begin : 1N9040554FA140001 End : 1N9040550EA140589 Not sequential

Vehicle 7 : 2015-2015 NABI 40LFW - CNG

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

Descriptive Information : CNG 40 Foot Heavy Duty Urban Transit Bus. Recall population of buses to be inspected based on time period supplier was using suspect parts (1 Jan 2015 to 5 Nov 2018). Suspect product will be identified by specific batch codes on component label.

Production Dates : APR 10, 2015 - OCT 08, 2015

VIN Range 1 : Begin : 1N9040554FA140001 End : 1N9040541FA140139 Not sequential

Vehicle 8 : 2015-2015 NABI 60BRT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : Diesel-Electric 60 Foot Heavy Duty Urban Transit Bus. Recall population of buses to be inspected based on time period supplier was using suspect parts (1 Jan 2015 to 5 Nov 2018). Suspect product will be identified by specific batch codes on component label.

Production Dates : SEP 01, 2015 - NOV 26, 2015

VIN Range 1 : Begin : 1N9602028FA140050 End : 1N9602022FA140092 Not sequential

Description of Defect :

Description of the Defect : Kidde Technologies, Inc. (KTI) has filed an equipment recall with the ODI related to certain KDS-25 fire extinguishers which are part of an optional fire suppression system installed on some New Flyer buses. The KDS-25 fire extinguisher utilizes an electrically actuated piston actuator, fitted to the extinguisher's control head. Upon system actuation, the piston actuator depresses the extinguisher's valve stem and discharges the extinguisher. KTI has determined that select piston actuator units in certain batches may not have sufficient force to depress the valve stem, resulting in failure to discharge the extinguisher. KTI has identified specific batches of electrical actuators delivered between 1 January 2015 and 5 November 2018 which require replacement. The suspect parts will be identified by specific batch codes on the component label and be replaced with known good product.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of an engine fire, if the optional fire suppression system does not function to extinguish the fire, this would increase the injury risk to first responders and fire fighters.

Description of the Cause : The electrical actuators from a KTI sub-supplier do not have sufficient potential energy to ensure the fire bottle valve remains open allowing the fire retardant to expel from the fire bottle, when an engine fire is detected.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : Kidde Technologies, Inc.

Address : 4200 Airport Dr. NW

Wilson NORTH CAROLINA 27896

Country : United States

Chronology :

On 15 November 2018 New Flyer of America was formally notified by Kidde Technologies, Inc. (KTI) that they had declared an equipment recall with the NHTSA ODI with respect to a component (electrical piston actuator) manufactured by an undisclosed sub-supplier. In that formal communication KTI identified specific part numbers, manufacturing dates and component batch codes, which allowed New Flyer to define a specific vehicle recall population for inspection of this optional system. New Flyer also identified KTI assemblies and kits containing the suspect components which were sold through the aftermarket parts business during that time period.

New Flyer immediately quarantined, inspected and released known good product from both production and aftermarket stock. No bad stock was located, and this optional system is not being installed in current vehicle production.

On 21 November 2018 the New Flyer Safety Committee determined that a vehicle recall should be declared with the NHTSA ODI to ensure the affected vehicle population is inspected and corrected where required.

18 January 2019 New Flyer determines that an additional 193 NABI model buses also affected by this recall. Recall population is expanded to include NABI Models. Affected customers are notified by priority post.

Description of Remedy :

Description of Remedy Program : KTI will inspect and replace if required, the electrical piston actuators installed on buses within the recall population at the customer locations with no cost to the owners. KTI will also replace any suspect product discovered which was sold through the aftermarket at no cost.

How Remedy Component Differs from Recalled Component : The suspect electrical piston actuators requiring replacement have specific batch codes (042A/15, 639A/17 and 467A/17) which can be found on the component label.

Identify How/When Recall Condition was Corrected in Production : KTI confirms that only certified stock would be delivered to New Flyer after 4 November 2018. This optional system is not currently being installed in production.

Recall Schedule :

Description of Recall Schedule : New Flyer has no Dealers. No dealer notification letters will be created. Once the sample recall letter format is approved by the ODI, recall letters will be sent by overnight express delivery.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NOV 30, 2018 - DEC 07, 2018

* NR - Not Reported