

Part 573 Safety Recall Report

21V-174

Manufacturer Name : ARBOC Specialty Vehicles, LLC

Submission Date : MAR 12, 2021

NHTSA Recall No. : 21V-174

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : ARBOC Specialty Vehicles, LLC

Address : 51165 Greenfield Parkway

Middlebury IN 46540

Company phone : 574-825-1720

Population :

Number of potentially involved : 29

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 ARBOC Specialty Vehicles Spirit of Freedom-Ford E450
 Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
 Body Style : OTHER
 Power Train : GAS

Descriptive Information : On 3-4-21, transportation driver noted during his delivery there was a gas leak in fuel fill area under bus. On 3-8-21 another driver also reported gas leak during transport of bus to the dealer. 3-8-21 we started checking buses on line to ensure there would be no more leaks. The 29 affected buses are for one customer only, Corpus Christi. ARBOC did not purchase these chassis' as they were provided by our dealer Creative Bus Sales and are not our normal chassis. These are converted ambulance chassis'. We've already notified dealer of issue wo they're aware. On 3-10-21 it was determined this is a safety issue and we needed to issue a Recall on this product.

Production Dates : OCT 12, 2020 - JAN 25, 2021

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| VIN Range 1 : Begin : | 1FDXE4F[REDACTED] | End : | 1FDXE4FS5[REDACTED] | <input checked="" type="checkbox"/> Not sequential |
| VIN Range 2 : Begin : | 1FDXE4F[REDACTED] | End : | 1FDXE4FS7[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 3 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS9[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 4 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS5[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 5 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS7[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 6 : Begin : | 1FDXE4FS9[REDACTED] | End : | 1FDXE4FS9[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 7 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS0[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 8 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS2[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 9 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS4[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 10 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS6[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 11 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS8[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 12 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FSX[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 13 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS1[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 14 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FS8[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 15 : Begin : | 1FDXE4FS[REDACTED] | End : | 1FDXE4FSX[REDACTED] | <input type="checkbox"/> Not sequential |
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| VIN Range 17 : Begin : | 1FDXE4FS3[REDACTED] | End : | 1FDXE4FS3[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 18 : Begin : | 1FDXE4FS5[REDACTED] | End : | 1FDXE4FS5[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 19 : Begin : | 1FDXE4FS7[REDACTED] | End : | 1FDXE4FS7[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 20 : Begin : | 1FDXE4FS9[REDACTED] | End : | 1FDXE4FS9[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 21 : Begin : | 1FDXE4FS0[REDACTED] | End : | 1FDXE4FS0[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 22 : Begin : | 1FDXE4FS2[REDACTED] | End : | 1FDXE4FS2[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 23 : Begin : | 1FDXE4FS4[REDACTED] | End : | 1FDXE4FS4[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 24 : Begin : | 1FDXE4FS0[REDACTED] | End : | 1FDXE4FS0[REDACTED] | <input type="checkbox"/> Not sequential |
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| VIN Range 26 : Begin : | 1FDXE4FS4[REDACTED] | End : | 1FDXE4FS4[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 27 : Begin : | 1FDXE4FS6[REDACTED] | End : | 1FDXE4FS6[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 28 : Begin : | 1FDXE4FS8[REDACTED] | End : | 1FDXE4FS8[REDACTED] | <input type="checkbox"/> Not sequential |
| VIN Range 29 : Begin : | 1FDXE4FSX[REDACTED] | End : | 1FDXE4FSX[REDACTED] | <input type="checkbox"/> Not sequential |

Description of Defect :

Description of the Defect : Fuel leak

FMVSS 1 : 301 - Fuel system integrity

FMVSS 2 : NR

Description of the Safety Risk : If bus is leaking fuel and is in an accident, it could combust.

Description of the Cause : Fuel hose is not correctly secured.

Identification of Any Warning that can Occur : Fuel leak

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On 3-4-21, transportation driver noted during his delivery there was a gas leak in the fuel fill area under bus. On 3-8-21 another driver also reported gas leak during transport of bus to the dealer. 3-8-21 we started checking buses on line to ensure there would be no more leaks. The 29 affected buses are for one customer only, Corpus Christi. ARBOC did not purchase these chassis' as they were provided by our dealer Creative Bus Sales and are not our normal chassis'. These are converted ambulance chassis'. We've already notified dealer of issue so they're aware. On 3-10-21 it was determined this is a safety issue and we needed to issue a Recall on this product.

Description of Remedy :

Description of Remedy Program : Step 1- Confirm that the correct hose is in place for the fuel fill. It should be flexible fuel rated hose with an inner diameter of 1-1/2". Step 2- Unbolt gas tank guard using a 9/16" socket and remove. Step 3- Loosen all four bolts (2 per side) that hold the gas tank to the frame. Use the 17mm wrench and 5/8 socket. NOTE: Do not completely remove bolts or drop gas tank out. Step 4- Lower gas tank enough to access tank fill port. Step 5- Loosen hose clamp with a 5/16" socket and force hose onto barb. It should be a snug fit and have 2" of engagement. Step 6- Slip hose clamp over the hose/barb engagement area. Tighten using a socket wrench or electric drive socket. DO NOT tighten using a screwdriver. Step 7- Confirm that plastic guarding is in place between fuel fill hose and frame cut-out. Step 8- Lift tank back into place and tighten down tank. Torque to 52ft/lbs. Step 9-Reinstall gas tank guard. Torque to 33ft/lbs. Check the fuel fill with any standard commercial fuel pump and check for leaks underneath. If dealer is completing repair, they will need to file a warranty claim with ARBOC SV for reimbursement. If a facility other than the selling dealer performs repair, they would need to file invoice with dealer for reimbursement and dealer will file warranty claim with ARBOC SV showing Recall has been completed.

How Remedy Component Differs from Recalled Component : Outside of a visible leak, you're unable to look at this area and see a difference.

Identify How/When Recall Condition was Corrected in Production : Prior to 3/8/21 production was utilizing a screw driver to tighten this area. On 3/8/21 production started utilizing socket wrench or electric drive socket.

Recall Schedule :

Description of Recall Schedule : Once NHTSA has approved repair, ARBOC will create repair instructions and mailings to dealer. Dates noted are assuming a quick turn around on approval and Recall number assigned. In addition to physical mailings, dealer will be contacted via e-mail.

Planned Dealer Notification Date : MAR 16, 2021 - MAR 16, 2021

Planned Owner Notification Date : MAR 16, 2021 - MAR 16, 2021

* NR - Not Reported