

Part 573 Safety Recall Report

21V-588

Manufacturer Name : Wabash National Corporation

Submission Date : AUG 11, 2021

NHTSA Recall No. : 21V-588

Manufacturer Recall No. : B21012



Manufacturer Information :

Manufacturer Name : Wabash National Corporation

Address : PO Box 6129
1000 Sagamore Parkway South
Lafayette IN 47903-6129

Company phone : 999

Population :

Number of potentially involved : 352

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2018-2022 Wabash Van Trailers

Vehicle Type : TRAILERS

Body Style : VAN

Power Train : NR

Descriptive Information : This recall pertains only to certain vehicles manufactured with Bonded fuel tank brackets. Vehicles not manufactured with Bonded fuel tank brackets have been excluded from the population. We used an in-house developed computer program to determine which vehicles should be included in the recall based on part numbers and where used for a specific date range. The population differs from other products because it uses a two-part adhesive to bond the fuel tank brackets to the underneath side of the trailer.

Production Dates : SEP 19, 2017 - MAR 22, 2021

VIN Range 1 : Begin : 1JJV532B5JM083787 End : 1JJV532B4NM291018 Not sequential

Description of Defect :

Description of the Defect : The fuel tank brackets installed on certain refrigerated van trailers may become detached.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel tank brackets become detached while the trailer is in motion, there is an increased risk of an accident or injury. Wabash National is not aware of any accidents or injuries related to this condition.

Description of the Cause : Water and road salts can intrude into this type of unsealed joint and corrode the metal. This was noted in some of the recent failures, where the adhesive side and base side showed orange rust. It is suspected that the strength of the adhesive bond significantly deteriorated from this corrosion.

Identification of Any Warning that can Occur : There are no indications to this condition.

Involved Components :

Component Name 1 : Fuel Tank Bracket

Component Description : fabricated steel

Component Part Number : 08S01783

Supplier Identification :

Component Manufacturer

Name : Wabash National

Address : PO Box 6219

Lafayette Indiana 49705

Country : United States

Chronology :

On 3/17/2021, one customer reported a fuel tank mounting bracket partial failure. On 3/23/2021, a previously-planned mounting design change unrelated to this report or recall was implemented, resulting in a different mounting configuration. Between 5/12/2021 and 5/27/2021, two additional partial failures were reported. 5/28/2021 a Concern Response was submitted. On 5/31/2021, engineering began testing previous design. On 7/12/2021, one partial failure and two complete failures were reported. All reports involve the pre-3/23/2021 vehicle population. On 7/14/2021, the Product Safety Team (PST) met and voted to present to the Product Safety Council (PSC). On 7/23/2021, the PSC determined to conduct a voluntary safety recall to address the mounting bracket failure. .

Description of Remedy :

Description of Remedy Program : an aluminum plate and 4 fasteners will be added to each bracket for added strength.

How Remedy Component Differs from Recalled Component : an aluminum plate and 4 fasteners per bracket will be present upon visual inspection.

Identify How/When Recall Condition was Corrected in Production : The design was changed on 3/23/2021. This latest design relies on both an adhesive bond and redundant fasteners for added strength. The latest design was a planned product improvement implemented independent of the later-determined recall, but has since been confirmed to correct the recall condition in production.

Recall Schedule :

Description of Recall Schedule : communication and notification letters will be sent to customers and dealers
Planned Dealer Notification Date : SEP 30, 2021 - SEP 30, 2021
Planned Owner Notification Date : SEP 30, 2021 - SEP 30, 2021

* NR - Not Reported