

Part 573 Safety Recall Report

19V-380

Manufacturer Name : Entrans International LLC**Submission Date :** MAY 19, 2019**NHTSA Recall No. :** 19V-380**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Entrans International LLC

Address : 12810 County Road 17

Holdingford MN 56340

Company phone : 320-746-2255

Population :

Number of potentially involved : 769

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2020 Heil AJB9-1040 Hybrid

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

Descriptive Information : The population was determined through sales order data and Engineering Bill of Materials information. Recalled products differ from products not included in the recall by the material and design of the framing, vs. the material and design of other units. The number of affected products is one.

Production Dates : MAY 01, 2017 - APR 25, 2019

VIN Range 1 : Begin : 3H4ss4228H3700225 End : 3H4SS4221l3107718

 Not sequential**Description of Defect :**

Description of the Defect : Cracks can develop in the front and rear framing.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : At this time, no units have experienced a complete failure of the frame. Only incomplete cracking has occurred. Therefore, risk is unknown at this time.

Description of the Cause : Stress concentration inherent in the design of the frame as originally manufactured.

Identification of Any Warning that can Occur : Cracking of the frame is clearly visible upon inspection, without disassembly of any part of the vehicle.

Supplier Identification :**Component Manufacturer**

Name : Heil Trailer
Address : 1145 Congress Parkway North
Athens TENNESSEE 37303
Country : United States

Chronology :

11/16/18 A crack on the rear subframe was reported
1/15/19 Same unit cracked again, and owner reported cracks in a second unit.
3/28/19 A second owner reported cracks
4/2/19 A third owner reported cracks
4/30/19 Heil sent a representative to owner's location to investigate cracks
4/30/19 Another report of cracking by the same owner who reported the original cracking
5/3/19 Heil engineering starts process of electronic stress analysis (FEA)
5/10/19 FEA report shows that stress concentration could be the cause of the cracking
5/13/19 Further FEA investigation shows that stress can be reduced through frame modification, and results appear to be credible after peer review.
5/14/19 Heil decides that modification of all affected trailers is needed, and to initiate a recall.

Description of Remedy :

Description of Remedy Program :	Remedy is currently under development. Remedy will consist of additional reinforcement being added to the framing of all units at Heil expense. Heil is developing a service plan to complete the remedy.
How Remedy Component Differs from Recalled Component :	Remedy component will have two additional gusset added to the front framing of the unit. Also, an additional crossmember added to the rear framing, and frame doublers added to the rear framing.
Identify How/When Recall Condition was Corrected in Production :	The hybrid frame on this model was replaced with aluminum framing of a different design. This occurred in April of 2019. The hybrid frame is no longer in production.

Recall Schedule :

Description of Recall Schedule :	This is currently under development, and will be available to NHTSA approximately 5/28/19
Planned Dealer Notification Date :	JUN 12, 2019 - JUN 28, 2019
Planned Owner Notification Date :	JUN 12, 2019 - JUN 28, 2019

* NR - Not Reported