

Part 573 Safety Recall Report

23V-492

Manufacturer Name : ST Engineering Hackney, Inc**Submission Date :** JUL 20, 2023**NHTSA Recall No. :** 23V-492**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : ST Engineering Hackney, Inc

Number of potentially involved : 59

Address : 911 West 5th Street

Estimated percentage with defect : 50 %

PO Box 880 Washington NC 27889

Company phone : 252-946-6521

Vehicle Information :

Vehicle 1 : 2022-2022 KIDRON REFRIGERATED TRAILERS

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on the manufacturing dates provided by SAF Holland inc. on the recall notices.

In recall 23E-045 SAF Holland notified they sold models with defect to customers between 30NOV22 and 15JUN23.

Kidron reviewed the Serial Numbers of the suspensions received on Purchase Orders from November 30, 2022 to June 16 2023. 33 SAF Holland suspension (Kidron part number K955011) were installed during this period of time.

Production Dates : SEP 01, 2022 -JUN 30, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :****Description of the Defect :** From 23E-045

Trailers equipped with Tire Pilot Plus - Electronic Regulator Control Unit Assembly tire pressure regulation system (TPRS) may experience unintended loss of pressure of all 8 tires while traveling at speeds higher than 45 mph. This loss of pressure event occurs only on the Tire Pilot Plus - Electronic Regulator Control Unit Assembly that was launched by SAF-HOLLAND in late 2022.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : From 23E-045

Reduced vehicle control and/or stability. Risk of tire tread separation and debris on the road.

Description of the Cause : From 23E-045

The root cause of the defect is not known at this time.

Identification of Any Warning that can Occur : TPP is designed with a warning light that notifies the driver when the tire pressure drops below 80 PSI. The function of the warning light may be intermittent on effected units

Involved Components :

Component Name 1 : Tire Pilot Plus - Electronic Regulator Control Uni

Component Description : Tire Pilot Plus product equipped with Electronic Regulator Control Unit Assembly tire pressure regulation system that utilize an electronic tire pressure control module.

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : SAF HOLLAND

Address : 1950 Industrial Blvd
Muskegon Michigan 49443-0425

Country : United States

Chronology :

From 23E-045

SAF Holland received the first warranty claim reported a failure date of 27APR23. 11 additional warranty claims have been received for failures through 24MAY23. A separate report from one customer reported an additional 8 failures that were detected before the trailer went into service. On 02JUN23, SAF-HOLLAND determined that a safety defect exists.

June 16 - ST Engineering Hackney received a preliminary notification about the issue.

June 16- ST Engineering Hackney performed an internal campaign.

June 23- ST Engineering Hackney identified some suspects suspensions were installed in trucks shipped to customers.

July 12 - ST Engineering Hackney finished identifying serial numbers and customers.

July 14 - ST Engineering Hackney filed their own separate recall.

Description of Remedy :

Description of Remedy Program :	From 23E-045 The interim corrective action is to disable the TPP system and for fleets to manage tire pressure manually. The final corrective action will not be known until the root cause has been determined. SAF-HOLLAND will pay appropriate costs.
How Remedy Component Differs from Recalled Component :	From 23E-045 The Interim corrective action will result in disconnected air supply hoses on all tires and at the ECU.
Identify How/When Recall Condition was Corrected in Production :	From 23E-045 Permanent corrective action for production processes will follow the root cause determination

Recall Schedule :

Description of Recall Schedule :	A customer notification letter will, after NHTSA approval be mailed to all sold to customers. The letter will include a service bulletin provided by SAF Holland advising owners to disable their TPP System and telling them how to do so. From 23E-045 Once the root cause has been identified and permanent corrective action has been developed, a second customer letter will be sent out, after NHTSA approval. ST Engineering Hackney will notify the customers as soon this information is available.
Planned Dealer Notification Date :	JUL 24, 2023 - AUG 18, 2023
Planned Owner Notification Date :	JUL 24, 2023 - AUG 18, 2023

* NR - Not Reported