

Part 573 Safety Recall Report

24E-110

Manufacturer Name : Horizon Global**Submission Date :** DEC 23, 2024**NHTSA Recall No. :** 24E-110**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Horizon Global

Address : 47912 Halyard Drive
100 Plymouth MI 48170

Company phone : 8779737871

Population :

Number of potentially involved : 145,431

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Reese

Model : 7057030 LOCK RECEIVER SS 5/8 AND 1/2

Part No. : 7057030

Size : NR

Function : Receiver Lock

Descriptive Information : This recall covers all Reese brand hitch receiver locks with the two-piece design from start of production through 6/10/2024. These parts were supplied into the aftermarket only.

The recall population for part number 7057030 is 24,886.

Production Dates : SEP 19, 2019 - JUN 10, 2024

Brand / Trade 2 : Reese

Model : 7057230 RECEIVER LOCK CHROME CLASS V

Part No. : 7057230

Size : NR

Function : Receiver Lock

Descriptive Information : This recall covers all Reese brand hitch receiver locks with the two-piece design from start of production through 6/10/2024. These parts were supplied into the aftermarket only.

The recall population for part number 7057230 is 84,003.

Production Dates : SEP 19, 2019 - JUN 10, 2024

Brand / Trade 3 : Reese

Model : 7057033 LOCK RECEIVER SS 5/8 AND 1/2

Part No. : 7057033

Size : NR

Function : Receiver Lock

Descriptive Information : This recall covers all Reese brand hitch receiver locks with the two-piece design from start of production through 6/10/2024. These parts were supplied into the aftermarket only.

The recall population for part number 7057033 is 27,962.

Production Dates : SEP 19, 2019 - JUN 10, 2024

Brand / Trade 4 : Reese

Model : 7054630 LOCK SLEEVED RECEIVER CHROME

Part No. : 7054630

Size : NR

Function : Receiver Lock

Descriptive Information : This recall covers all Reese brand hitch receiver locks with the two-piece design from start of production through 6/10/2024. These parts were supplied into the aftermarket only.

The recall population for part number 7054630 is 6,151.

Production Dates : SEP 19, 2019 - JUN 10, 2024

Brand / Trade 5 : Reese

Model : 7057130 LOCK RECEIVER SS 3-1/2 SPAN

Part No. : 7057130

Size : NR

Function : Receiver Lock

Descriptive Information : This recall covers all Reese brand hitch receiver locks with the two-piece design from start of production through 6/10/2024. These parts were supplied into the aftermarket only.

The recall population for part number 7057130 is 2,429.

Production Dates : SEP 19, 2019 - JUN 10, 2024

Description of Defect :

Description of the Defect : The subject parts were manufactured with a two-piece pin that utilizes a press-fit cap or a screw-on cap on the end, rather than a one-piece pin per the specification. The cap may lose its retention over time and/or under certain operating conditions.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the cap separates from the pin, the hitch may separate if the hitch lock backs out of the hole alignment between the hitch and the drawbar/ ballmount. If the trailer is not using safety chains (as required by law in most states), the trailer could separate from the vehicle, increasing the risk of a vehicle crash.

Description of the Cause : The supplier did not produce the product in accordance with Horizon's specifications.

Identification of Any Warning that can Occur : A visual inspection of the hitch receiver lock may reveal that the cap has separated (or has started to separate) from the pin.

Involved Components :

Component Name : Hitch Receiver Lock

Component Description : Hitch Receiver Lock

Component Part Number : 7057030, 7057230, 7057033, 7054630, 7057130

Supplier Identification :**Component Manufacturer**

Name : Anji Zhitong Hardware Co., Ltd.

Address : Zhejiang Huzhou Baishuiwan Indust. Zone
Tianhuangping Foreign States 313302

Country : China

Chronology :

January - June 2024: Based upon a customer report (received in January) of a detached receiver lock causing minor property damage, Horizon reviewed the product design and consulted with the supplier. Horizon determined that the product did not meet design specifications, which called for a single-piece design rather than two-piece design, and shipping was halted on 6/10/2024 as the issue was investigated further.

July - September 2024 – Sample parts were received on or about July 21, 2024 for testing. Parts were tested to evaluate potential thermal expansion as a causal factor and to evaluate adhesive materials used by the supplier. The evaluation indicated that a sub-par thread adhesive was used during manufacture. A review of warranty records indicated that there was one (1) warranty claim for these products related to this issue.

October - December 2024: Horizon considered conducting functional testing, including shake and vibration testing on sample parts to evaluate cap retention, but ultimately decided not to proceed due to the lack of objective standards against which to apply any results. Horizon conducted extensive data mining, including a search and analysis of warranty claims, tech line calls and complaints, product reviews, and labor claims over the last four years. No additional failures or pattern could be confirmed.

The investigation results were reviewed and analyzed by the Horizon team to evaluate whether the issue presented an unreasonable risk to motor vehicle safety. The matter was escalated to senior management for further review and discussion of potential action.

December 20, 2024: Based upon the results of the investigation, and despite receiving only one confirmed report related to this condition, Horizon management decided to recall all parts with the two-piece design out of an abundance of caution.

Horizon is not aware of any accidents or injuries related to this condition.

Description of Remedy :

Description of Remedy Program : The recalled hitch receiver locks will be replaced with products from Horizon's existing parts catalog that were manufactured with a single-piece design. Horizon will implement a recall-specific reimbursement plan in accordance with 49 CFR 573.13.

How Remedy Component Differs from Recalled Component : Remedy products are manufactured with a single-piece design. The remedy/replacement parts are as follows:

P/N #7057030 Replaced with P/N #7010100
P/N #7057230 Replaced with P/N #7033200
P/N #7057033 Replaced with P/N #7010100
P/N #7054630 Replaced with P/N #7009300
P/N #7057130 Replaced with P/N #7092330 or P/N #7096500

Identify How/When Recall Condition was Corrected in Production : These recalled part numbers have been discontinued. All future shipments will be parts from Horizon's existing parts catalog that use the one-piece design.

Recall Schedule :

Description of Recall Schedule : Notification letters will be sent to Horizon's distributor/dealer customers

in accordance with the "Dealer Notification" date range.

The timing of owner notifications is dependent upon coordination with distributors and dealers.

Planned Dealer Notification Date : JAN 15, 2025 - JAN 22, 2025

Planned Owner Notification Date : FEB 05, 2025 - FEB 12, 2025

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Not applicable

Address : NR

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Country : NR

Company Phone : NR

* NR - Not Reported