

Part 573 Safety Recall Report

22E-043

Manufacturer Name : Lippert**Submission Date :** MAY 23, 2022**NHTSA Recall No. :** 22E-043**Manufacturer Recall No. :** 2022-01-CURT**Manufacturer Information :****Population :**

Manufacturer Name : Lippert

Number of potentially involved : 52

Address : Attn: Pamela VanderMel
PO Box 2888 Elkhart IN 46515

Estimated percentage with defect : 100 %

Company phone : 5743126040

Equipment Information :

Brand / Trade 1 : Retrac/Curt/Lippert

Model : Maglatch Bracket Kit for 2021+ Kenworth T680 & 2022+ Peterbilt 579 (New Generation)

Part No. : 207980

Size : 44 lbs

Function : MountingBracket

Descriptive Information : Recall population was determined by the qty created by the prior design. Recalled products were built differently and quarantined from product not included in the recall. A Quantity of 52 of the brackets are the number of affected products.

Production Dates : JUN 20, 2021 - FEB 28, 2022

Description of Defect :

Description of the Defect : The mounting bracket metal is fracturing at the mating corner of the front gusset plate and side gusset with bent mounting surface

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Mounting Bracket may bend or break allowing additional damage to occur to the grill guard

Description of the Cause : The extra weight of the ProTec guard and road vibration combined, contributed to the fracture at the highest stress point indicated by non-destructive analysis. A potential incomplete/short weld at the mating corner may have also contributed to material fracture.

Identification of Any Warning that can Occur : Fracturing at the mating corner

Involved Components :

Component Name : Maglatch bracket kit

Component Description : Zinc Plated, carbon steel brackets that pivot to allow the attached guard to be lowered for hood access. Latching is achieved with included rare-earth magnets and additional security pin.

Component Part Number : 207980

Supplier Identification :**Component Manufacturer**

Name : Lippert/Curt

Address : NR

NR

Country : United States

Chronology :

03/23/2022: Customer reported issue of bracket failure to Curt Customer Service.

04/04/2022: Customer sent photos of brackets and guard indicating bracket failure was not the result of an impact

04/04/2022: Second customer reports bracket failure

04/05/2022: Field inspection of existing brackets by Engineering and Quality in Sioux Falls SD

04/06/2022: Meeting held with Quality, Engineering, Production and product teams to review the two customer reports.

04/06/2022: On hand inventory of 207980 put on quality hold

04/11/2022: Second field inspection of brackets by Engineering and Quality in Sheldon IA

04/18/2022: Third report of bracket concern received.

4/21/2022: Decision made to redesign 207980

4/22/2022: Redesign completed

4/27/2022: Internal Notification sent by Curt Team

05/02/2022: Safety Committee Informed

05/10/2022: Safety Committee Review and Discussion

05/13/2022: Decision to issue formal recall

Description of Remedy :

Description of Remedy Program : All Customers who purchased a Protec series guard with bracket kit 207980 will be sent a 207982 bracket kit at no charge with instructions to immediately replace bracket.

How Remedy Component Differs from Recalled Component : Along with a new part number, the front gusset and side gusset with bent mounting surface both have additional material added that is visually apparent. The mating surface has additional material with a different welded interface.

Identify How/When Recall Condition was Corrected in Production : The recall condition was corrected in production by creating a new part number (207982) to give a clear indication of re-design. Additional material was added to the mounting bracket front plate to allow both better weld quality around the mounting tube and also allow welding on both sides of the side gusset. The side gusset has additional material added both behind the front mounting plate for additional strength and also in front of the front mounting plate with a larger radius corner to reduce the stress. Non-destructive analysis was performed, comparing the original design and re-design to verify stress reduction.

Recall Schedule :

Description of Recall Schedule : All customers who purchased a Protec series guard with bracket kit 207980 will be sent a 207982 bracket kit at no charge with instructions to immediately replace the brackets.

Customers will be notified via USPS mail as well.

Planned Dealer Notification Date : JUN 03, 2022 - JUN 10, 2022

Planned Owner Notification Date : JUN 03, 2022 - JUN 10, 2022

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 : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported