

Part 573 Safety Recall Report

24E-036

Manufacturer Name : Hiniker Company

Submission Date : MAY 06, 2024

NHTSA Recall No. : 24E-036

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Hiniker Company

Address : 58766 240th Street
Mankato MN 56001

Company phone : 625-6621

Population :

Number of potentially involved : 1,016

Estimated percentage with defect : NR

Equipment Information :

Brand / Trade 1 : Hiniker

Model : Series 700, Series 2000, Series 6000, Series 7000, Series 8000, Series 9000,
Series 9500

Part No. : HTBX 38828015

Size : 11.25" L x 1.75" D x 5.25" W

Function : snowplow

Descriptive Information : Basis: review of warranty claims and review of motherboard by an electrical engineer. The recalled products differ because they have a hotbox with the motherboard at issue, while those not being recalled do not.

Production Dates : JUL 21, 2023 - FEB 06, 2024

Description of Defect :

Description of the Defect : The designer of the motherboard designed an electrical circuit that may not be adequate to carry the electrical amperage that may be experienced in certain operating conditions or with certain installations. This is thought to be due to the specified diode and wire gauge.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : Overheating of the motherboard under certain conditions might cause the plow lights and the lights on the plow truck to malfunction, and it might cause the plow controls to malfunction.

Description of the Cause : An electrical circuit that may not be adequate to carry the electrical amperage that might be experienced in certain operating conditions or with certain installations. This is thought to be due to the specified diode and wire gauge.

Identification of Any Warning that can Occur : We are not aware of a warning that can precede overheating.

Involved Components :

Component Name : motherboard

Component Description : A main printed circuit in an electronic device

Component Part Number : 38828017

Supplier Identification :

Component Manufacturer

Name : Ninja Circuits

Address : 1651 Pohl Road
Mankato Minnesota 56001

Country : United States

Chronology :

Following a higher than expected rate of warranty claims in 2024, Hiniker investigated the matter and, on April 29, 2024, received an electrical engineering opinion that the specified diode and the specified wire gauge were insufficient to handle the amperage that could be experienced under certain operating conditions or with certain installations. This could result in failures owing to the overheating's affecting the plow lights and the vehicle lights.

Description of Remedy :

Description of Remedy Program : Hiniker is working with an electrical engineering firm to develop a redesigned motherboard. When the newly designed component has passed testing, placement components will be supplied to the field along with details on reimibursement.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : The affected model is no longer in production.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

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