

# Part 573 Safety Recall Report

## 20E-033

**Manufacturer Name :** Horizon Global

**Submission Date :** JUN 17, 2020

**NHTSA Recall No. :** 20E-033

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** Horizon Global

**Address :** 47912 Halyard Drive  
100 Plymouth MI 48170

**Company phone :** 9737871

### Population :

**Number of potentially involved :** 2,285

**Estimated percentage with defect :** 100 %

### Equipment Information :

**Brand / Trade 1 :** Tekonsha

**Model :** Prodigy® RF Electronic Brake Control with Bluetooth

**Part No. :** 902501

**Size :** NR

**Function :** Brake Control

**Descriptive Information :** This campaign will cover 100% of the trailer brake control kits, Part No. 902501, totaling 2,270 kits. Excluded products use a different software configuration that does not disable the foot pedal Braking function on some installed 7-Way Trailer Connectors while using the 4-Way Hazard Warning Signals. These parts were sold exclusively through aftermarket channels.

**Production Dates :** DEC 20, 2019 - MAY 06, 2020

**Brand / Trade 2 :** Tekonsha

**Model :** Hand Held Unit for use with Prodigy® RF Electronic Brake Control with Bluetooth

**Part No. :** 90253

**Size :** NR

**Function :** Hand Held Unit

**Descriptive Information :** This recall also covers fifteen (15) Hand Held units, Part No. 90253, that were sold separately as replacements to be used with the 902501 Trailer Brake Control kit. These parts were sold exclusively through aftermarket channels.

**Production Dates :** DEC 20, 2019 - MAY 06, 2020

## Description of Defect :

Description of the Defect : The product and its accompanying materials do not adequately instruct the operator that trailer brake functionality via foot pedal is unavailable when used in conjunction with certain 7-Way Trailer Connectors, while the tow vehicle's 4-Way Hazard Warning Signals are activated. The manual hand-held "override" trailer braking will continue to function as intended.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a driver of a vehicle equipped with certain 7-way trailer connectors is not aware that trailer braking via foot pedal is unavailable while the 4-Way Hazard Warning Signals are in use, a delay in applying the manual hand-held brake may reduce the driver's ability to safely operate and maintain control of the tow vehicle, increasing the risk of a vehicle crash.

Description of the Cause : Updated error messaging and product instructions introduced for the upgraded Prodigy® RF Electronic Brake Control with Bluetooth did not sufficiently describe functionality.

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

April 30, 2020 – Horizon initiated an investigation into a customer satisfaction issue of "no or intermittent connectivity" (n.c. error code) of Horizon's newly offered Prodigy® RF Electronic Brake Control with

Bluetooth, 902501.

April 30 - May 13, 2020 – Horizon conducted recurring meetings among key teams (technical, product management, quality) to investigate the connectivity issue.

May 13, 2020 – During the course of investigating the connectivity issue (which does not affect trailer brake functionality or other product performance), a separate and unrelated issue was identified, i.e. the planned interaction of simultaneous trailering brakes + 4 Way Hazard resulting in disabling foot pedal activation of the trailer brakes under certain circumstances. Horizon Global leadership sought clarification from the technical teams regarding this functionality.

May 18, 2020 – After analysis and evaluation, the technical teams confirmed that this functionality was introduced into the product during an upgrade from the previous version of the trailer brake control, but that the product and its accompanying instructions do not instruct or warn operators when the foot pedal functionality is deactivated, which can occur while the 4-Way Hazard Warning Lights are activated, in conjunction with certain installed 7-Way Trailer Connectors.

May 22, 2020 – Based upon the findings of the investigation team, Horizon Global leadership decided to conduct this safety recall to address this issue.

There have been no reports of accidents, injuries, or customer complaints regarding this issue.

## Description of Remedy :

**Description of Remedy Program :** Horizon will coordinate with dealers and distributors to identify and notify all purchasers of the subject products. Horizon will provide, free of charge, a replacement product that provides notice/indicators to the driver when foot pedal braking is unavailable, along with updated instructions.

All of the subject products remain under the manufacturer's warranty. Therefore, pursuant to 49 CFR 577.11(e), Horizon Global requests an exemption from the reimbursement plan requirements.

**How Remedy Component Differs from Recalled Component :** The replacement product will provide notice/indicators to the driver when foot pedal braking is unavailable, along with updated instructions. The replacement Kit will be Part No. 902502 and the replacement Hand Held will be Part No. 90255.

**Identify How/When Recall Condition was Corrected in Production :** This product was last produced on May 6, 2020 and shipments were suspended as of May 15, 2020. Updated products are expected to be available for shipment in mid-June, 2020.

## Recall Schedule :

**Description of Recall Schedule :** Horizon Global will coordinate with dealers and distributors to identify and notify owners of the subject products. The "Planned Owner Notification" dates are estimates, but timing of owner notification will depend upon receipt of owner contact information from Horizon's direct customers.

**Planned Dealer Notification Date :** JUN 17, 2020 - JUN 24, 2020

Planned Owner Notification Date : JUN 17, 2020 - JUL 10, 2020

**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