

Part 573 Safety Recall Report

24E-022

Manufacturer Name : Orscheln Products L.L.C.

Submission Date : MAR 12, 2024

NHTSA Recall No. : 24E-022

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Orscheln Products L.L.C.

Address : 1177 N Morley Street

Moberly MO 63532

Company phone : 660 269 4900

Population :

Number of potentially involved : 148

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Orscheln park brake lever

Model : N/A

Part No. : see mfg comments

Size : 14700

Function : braking

Descriptive Information : The potential concern relates to the performance of a secondary latch on the brake lever. The park brake levers may be released through the application of force to the park brake handle without pushing the release button. A park brake lever exhibiting the concern will still engage the park brake in the applied lever position.

Production Dates : OCT 01, 2022 - NOV 22, 2023

Description of Defect :

Description of the Defect : Secondary latch is not catching when the park brake is engaged due to bracket mounting and release rod variation outside of specification.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The secondary park brake latch is not catching and the park brake lever, which is designed to hold without the latch, could be disengaged if sufficient manual force is applied to release the park brake, which could increase the risk of a crash. The park brake is FMVSS compliant without the secondary latch because FMVSS does not require any secondary latch.

Description of the Cause : The rod is manufactured out of specification and the bracket is welded out of specification due to an equipment issue and calibration issue of a measuring tool.

Identification of Any Warning that can Occur : Depending on the vehicle architecture and use, given the force required to release the park brake lever and the physical downward movement of the lever by approximately 90 degrees, the driver should notice the disengagement if present at that time and the dash may have lights indicating the park brake is not engaged.

Involved Components :

Component Name : Park Brake Lever

Component Description : Rod on secondary latch

Component Part Number : N/A

Supplier Identification :

Component Manufacturer

Name : Orscheln Products L.L.C.

Address : 2000 US Highway 63 South
P.O. Box 280 Moberly Missouri 65270

Country : United States

Chronology :

November 22, 2023: Orscheln identifies out of specification supplier rod, manufacturing equipment fixture issue, and calibration issue and begins investigation.

December 2023 – January 2024: Orscheln determines population of equipment potentially manufactured during the relevant time period. .

January 16, 2024: Orscheln begins issuing technical bulletin on secondary latch seating position because latch is a secondary system and primary holding is the over center mechanism and park brake lever remains engaged until force is applied to release it.

January 26, 2024: Blue Bird Body Company files Part 573

February 23, 2024: Ford Motor Company files Part 573

In alignment with its customers' reports and in an abundance of caution, Orscheln determined on March 4, 2024 to submit this report even though the park brake will remain engaged and hold the system in park unless

sufficient force is applied to disengage it, even if the secondary latch is not performing. Additional units were supplied to others but the control plan measurements taken during assembly indicate those park brake levers are within specification. However, Orscheln is continuing to investigate whether any additional customers have received affected units and will supplement as necessary.

No accidental disengagements reported to date

Description of Remedy :

Description of Remedy Program :	Description of Remedy: Manual rework of the latch rod in the unapplied position to manually reposition and engage latch.
	Description of Remedy Program: Inspect and, if necessary, rework at authorized dealers or service locations at no cost to the consumer. To the extent that end-users paid for any pre-notification remedy outside of warranty, Orscheln will reimburse those customers in accordance with its reimbursement plan.
How Remedy Component Differs from Recalled Component :	It is an inspection and rework and not a new component.
Identify How/When Recall Condition was Corrected in Production :	Rod manufacturer corrected process to create correct dimensions. The manufacturing equipment was rebuilt to correct missing locating pin to ensure bracket is placed and welded at correct dimensions; and, preventative maintenance program for equipment updated to include a verification of location pin and a check for wear of bushing and bracket locating pins; and, additional testing procedures added to final assembly control plan requiring a twenty-five pound force test procedure to validate secondary latch performance as well as cycling the park brake system three times to validate secondary latch performance.

Recall Schedule :

Description of Recall Schedule :	OEMs will notify and conduct recall
Planned Dealer Notification Date :	MAY 06, 2024 - MAY 06, 2024
Planned Owner Notification Date :	MAY 06, 2024 - MAY 06, 2024

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 : Ford Motor Company

Address : NR

NR

Country : US

Company Phone : NR

Name : Blue Bird Corporation

Address : NR

NR

Country : US

Company Phone : NR

Name : Drive Products

Address : NR

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Country : NR

Company Phone : NR

Name : Lion Electric Co.

Address : NR

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Country : NR

Company Phone : NR

Name : Paccar Canada Production

Address : NR

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Country : NR

Company Phone : NR

* NR - Not Reported