

Part 573 Safety Recall Report

24E-087

Manufacturer Name : Orscheln Products L.L.C.

Submission Date : OCT 14, 2024

NHTSA Recall No. : 24E-087

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 : 4,027

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Orscheln Products

Model : Electronic Throttle Pedal

Part No. : see mfg comments

Size : NR

Function : throttle pedal

Descriptive Information : The potential concern relates to an out of specification magnet carrier incorporated into the throttle pedal assembly supplied as original equipment for commercial vehicles.

Production Dates : AUG 18, 2022 - DEC 14, 2022

Description of Defect :

Description of the Defect : Throttle pedal assembly with oversized and out of specification magnet carriers may have increased friction at the pivot point of the throttle pedal, potentially causing the throttle pedal to become harder to depress, slower to return or may bind. This condition seems to occur when the throttle pedals with oversized and out of specification magnet carriers are introduced to a foreign liquid which may increase the friction at the pivot point.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The oversized magnet carrier in the throttle pedal assembly may cause the throttle pedal to be harder to depress, slower to return or to bind. This risk is more likely to occur when the throttle pedal assembly is exposed to foreign liquid at or around the pedal housing. If this occurs, it can increase the risk of a crash.

Description of the Cause : Due to improper process controls at the supplier, the magnet carrier, which is a pivot point to the throttle pedal, may be out of specification. When oversized

Identification of Any Warning that can Occur :

and out of specification, the magnet carrier fits too tightly in the throttle pedal housing. When the magnet carrier is too tight in the throttle pedal housing, the pivot point may experience additional friction during rotation.
Throttle pedal movement may not be a smooth motion when depressing or releasing.

Involved Components :

Component Name : Magnet Carrier

Component Description : Pivot shaft for an electronic throttle pedal

Component Part Number : 82375100

Supplier Identification :

Component Manufacturer

Name : Laszeray Technology, LLC

Address : 12315 York Delta Drive
North Royalton Ohio 44133

Country : United States

Chronology :

11/17/23 - Orscheln received one field return with report of throttle pedal remaining depressed at 980RPM after foot release. Throttle pedal underwent functional testing with all electrical outputs within target and the throttle pedal returned to idle upon release.

12/19/2023 - Orscheln received a field return with report of throttle pedal sticking. Upon inspection, the magnet carrier was found to be oversized. Orscheln observed a foreign liquid in throttle pedal housing. Throttle pedal underwent functional testing with all electrical outputs within target.

5/15/2024 – Orscheln received a field return with report of throttle pedal sticking. Upon inspection, Orscheln confirmed that the magnet carrier was out of specification and oversized. Orscheln observed a foreign liquid in throttle pedal housing. Throttle pedal underwent functional testing which showed that all electrical outputs within target.

8/14/2024 - Orscheln conducted a site visit to the magnet carrier supplier to evaluate the supplier’s quality control processes and obtain samples for additional testing.

continued in Manufacturer Comments below.

Description of Remedy :

Description of Remedy Program :	Inspection of the throttle pedal assembly and replacement where required. Inspection at authorized dealers or service locations at no cost to the consumer.
How Remedy Component Differs from Recalled Component :	The remedy component will meet product specifications.
Identify How/When Recall Condition was Corrected in Production :	The supplier reports that it reworked the mold cavity used when manufacturing the magnet carriers and implemented increased process and quality controls. Additionally, both Orscheln and the supplier are doing a 100% sort of all magnet carriers.

Recall Schedule :

Description of Recall Schedule :	Orscheln will notify OEMs. OEMs will notify dealers and owners and conduct recall.
Planned Dealer Notification Date :	DEC 13, 2024 - DEC 13, 2024
Planned Owner Notification Date :	DEC 13, 2024 - DEC 13, 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 :	Paccar
Address :	777 106th Avenue N.E. Bellvue WA 98004
Country :	US
Company Phone :	9405667639
Name :	Oshkosh Corporation
Address :	1917 Four Wheel Dr. Oshkosh WI 54902
Country :	US
Company Phone :	5073746321

* NR - Not Reported