

# Part 573 Safety Recall Report

# 24E-041

**Manufacturer Name :** Oshkosh Corporation

**Submission Date :** MAY 30, 2024

**NHTSA Recall No. :** 24E-041

**Manufacturer Recall No. :** NR



## Manufacturer Information :

## Population :

**Manufacturer Name :** Oshkosh Corporation

**Number of potentially involved :** 108

**Address :** 2307 Oregon Street

**Estimated percentage with defect :** 1 %

PO Box 2566 Oshkosh WI 54903-2566

**Company phone :** 920-235-9151

## Equipment Information :

**Brand / Trade 1 :** Sheppard Gear

**Model :** XD120P

**Part No. :** 3875726

**Size :** NR

**Function :** NR

**Descriptive Information :** The recall affects aftermarket and service part steering gears supplied by RH Sheppard that were produced within a particular time period. The recall population was determined by reviewing supplier data and Oshkosh records.

**Production Dates :** MAR 31, 2023 - MAY 01, 2024

## Description of Defect :

**Description of the Defect :** According to the supplier of the defective component, the affected steering gears may have been assembled with fewer than the required number of recirculating balls.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** According to the supplier of the defective component, a steering gear with fewer than the required number of recirculating balls may bind when loads are applied. In some cases, the balls may align on the same side of the gear's worm-shaft and concentrated loads may cause the gear's internal part to fracture resulting in the loss of steering. Loss of steering increases the likelihood of a crash.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** NR

**Involved Components :**

Component Name : Steering Gear

Component Description : Steering Gear assembly

Component Part Number : 3875726

**Supplier Identification :****Component Manufacturer**

Name : R.H. Sheppard Co., Inc.

Address : 101 Philadelphia Street

P.O. Box 877 Hanover 17331

Country : NR

**Chronology :**

In October 2022, following a notification by RH Sheppard that it had determined a defect existed in certain steering gear assemblies, Oshkosh conducted a recall of vehicles equipped with potentially defective parts (22E-073). In February 2024, RH Sheppard extended the scope of the recall to include additional steering gear assemblies that were not included in its original recall. (23E-094) The expansion of the RH Sheppard recall was brought to Oshkosh's attention and after investigating whether any of the additional recalled parts were installed in Oshkosh vehicles, Oshkosh concluded that any affected components were used as service or aftermarket replacement parts only. On May 30, 2024, Oshkosh decided to conduct a recall of the additional set of steering gear assemblies identified by RH Sheppard.

**Description of Remedy :**

Description of Remedy Program : RH Sheppard will provide remedy instructions for (1) Identifying the serial number on the steering gear (2) Inspecting the serial number in order to classify it as "good", "suspect", or "not found" and (removing and replacing the suspect gear. RH Shepard will cover the labor cost involved in the inspection of gears which classify as "good". RH Shepard will cover labor cost involved for serial number inspection, gear removal, and replacement for gears which classify as "suspect". If a gear is classified as "not found" then RH Shepard will require the individual conducting the inspection to contact the Sheppard Steering Gear Recall Product Action Center.

**How Remedy Component Differs from Recalled Component :** The remedied component will have the correct number of recirculating balls.

**Identify How/When Recall Condition was Corrected in Production :** According to the supplier, on Feb 10, 2022 the recirculating ball insertion process control was enhanced. Additional process controls and inspectors were added to the process to verify that the correct number of recirculating balls in each steering gear.

## Recall Schedule :

**Description of Recall Schedule :** Notifications to customers will be made via a customer letter. The 577 customer letter will be mailed pending NHTSA approval. Oshkosh S-Series does not have dealers for its products so no Dealer notification is necessary.

**Planned Dealer Notification Date :** NR - NR

**Planned Owner Notification Date :** JUN 21, 2024 - JUN 21, 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 :** NR

**Address :** NR

NR

**Country :** NR

**Company Phone :** NR

\* NR - Not Reported