

# Recall 22KWE: Sheppard Steering Gear Incorrectly Assembled

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## Number

22KWE / 22V547 / 2022-410

## Supplier

R. H. Sheppard Co., Inc.

## Description

Sheppard Steering Gear Incorrectly Assembled

## Date

8/2/2022

## What's New

**Safety Recall – Interim Notification** – Certain steering gears may have been assembled incorrectly, causing the gear to fracture. This can cause a loss of steering control, increasing the risk of a crash. Inspection and repair information will be added when procedures and parts are available.

## Introduction

Kenworth Truck Company has determined that a defect, which relates to motor vehicle safety, exists in certain Model Year 2022-2023 T170, T270, T280, T370, T380, T440, T470, T480, T680, T680 NextGen, T800, T880, W900, W990, and C500 chassis built from 06/01/2021 through 06/16/2022. The steering gear may have been incorrectly assembled, which could cause the steering gear to fracture, resulting in loss of steering control and increased risk of a collision.

Some steering gears were assembled with fewer than the required number of recirculating balls which can lead to a fracture in the steering gear worm shaft and loss of vehicle steering.

Steering gears 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 parts to fracture resulting in loss of vehicle steering. Loss of steering increases the likelihood of a crash.

Preceding the internal fracture, the steering may be perceived as strained by the driver. No audible or visual warning is available.

## Situation

26,690 (25,100 US and 1,590 CAN) Model Year 2022-2023 T170, T270, T280, T370, T380, T440, T470, T480, T680, T680 NextGen, T800, T880, W900, W990, and C500 chassis built from 06/01/2021 through 06/16/2022

with suspect steering gears.

## Resolution

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### Safety Recall

This bulletin will be updated when the repair procedure and parts are available.

### Federal Law

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It is a violation of Federal law for a dealer to sell or lease new vehicles covered by this recall until the defect or noncompliance has been corrected.

### Parts

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Steering gears with part numbers shown below listed in eCAT are **SUSPECT**. These gears will be inspected when the procedure is available.

## SUSPECT

HD94Pxxxx	J87-6020
J87-6024	J87-6027
J87-6033	J87-6038-001
J87-6039-xxx	J87-6043-xxx
J87-6044-001	J87-6045-001
M100Pxxxx	M110PBQ31
MD83PAxxx	SD110P
XD120PAB1A1	10-04022

Steering gears with part numbers shown below listed in eCAT are **NOT AFFECTED**. No further action is required on unaffected chassis.

# NOT AFFECTED

HD94PBK37	HD94PN31
J87-6026	J87-6037-001
J87-6038-002	M100PQG31
SD110PD36	

## Links

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[Chassis List](#)

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