

# Part 573 Safety Recall Report

# 23V-001

**Manufacturer Name :** Volvo Car USA, LLC**Submission Date :** JAN 10, 2023**NHTSA Recall No. :** 23V-001**Manufacturer Recall No. :** R10213**Manufacturer Information :**

Manufacturer Name : Volvo Car USA, LLC

Address : 270 Three Point Drive  
Ridgeville SC 29472

Company phone : 201-768-7300

**Population :**

Number of potentially involved : 74

Estimated percentage with defect : 10 %

**Vehicle Information :**

Vehicle 1 : 2019-2022 Volvo V60CC

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

**Descriptive Information :** Concerned vehicles are certain 2019-2022 Volvo V60CC, XC60 and XC90 from the supplier production in the supplier's production multi "O-assembly" line, screw assembly station has in rare cases fed double screws on top of each other. Only steering gears delivered with a specific fault code is affected. 74 U.S. vehicles are affected.

Production Dates : NOV 15, 2018 - FEB 07, 2019

VIN Range 1 : Begin : YV4102WK7L1039317 End : YV4102WK7L1039317  Not sequential

Vehicle 2 : 2019-2022 Volvo XC60

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Concerned vehicles are certain 2019-2022 Volvo V60CC, XC60 and XC90 from the supplier production in the supplier's production multi "O-assembly" line, screw assembly station has in rare cases fed double screws on top of each other. Only steering gears delivered with a specific fault code are affected. 74 U.S. vehicles are affected.

Production Dates : NOV 15, 2018 - FEB 07, 2019

VIN Range 1 : Begin : YV4102DK2L1598342 End : YV4L12RL8N1026766  Not sequential

Vehicle 3 : 2019-2022 Volvo XC90

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Concerned vehicles are certain 2019-2022 Volvo V60CC, XC60 and XC90 from the supplier production in the supplier's production multi "O-assembly" line, screw assembly station has in rare cases fed double screws on top of each other. Only steering gears delivered with a specific fault code is affected. 74 U.S. vehicles are affected.

**Production Dates :** NOV 15, 2018 - FEB 07, 2019

**VIN Range 1 :** Begin : YV4102CK1N1775516 End : YV4BROCZ1N1809028  Not sequential

## Description of Defect :

**Description of the Defect :** Volvo Car investigations has shown a potential issue with the steering gear due to a manufacturing defect in the supplier's production multi "O-assembly" line, screw assembly station has in rare cases fed double screws on top of each other.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** There is a risk of the steering wheel locking up due to the screw falling into the gearbox housing, increasing the risk of a crash.

**Description of the Cause :** The root cause is a manufacturing defect which occurred in the supplier's production multi "O-assembly" line, screw assembly station has in rare cases fed double screws on top of each other and the screw could potentially fall into the gearbox housing.

**Identification of Any Warning that can Occur :** The customer will receive no warnings messages and grinding noise may occur when turning.

## Involved Components :

**Component Name 1 :** Steering Gear

**Component Description :** The gears that transmit the driver's steering inputs to the steering linkage that turns the wheels

**Component Part Number :** 36010518

## Supplier Identification :

**Component Manufacturer**

Name : ROBERT BOSCH AUTOMOTIVE STEERING  
Address : HAVASI LÁSZLÓ UTCA 2, Hungary  
Foreign States  
Country : Hungary

**Chronology :**

Condition considered critical by Critical Management Team 2022-12-21; Field Service Action decision confirmed by Volvo Car Corporation 2022-12-28; Condition detected by supplier inspection; Number of vehicle reports with the condition reported from National Sales Company 1; Total Number of Cars included in Vehicle Reports concerning this condition 1; Implementation date of Field Service Action 2022-12-29; The Supplier reported to Volvo Cars 2022 September 2 that a loose screw was detected in the inspected steering gear. A root cause investigation was started together with the supplier in order to understand if this was a single case; The issue was presented to Critical Concern Management Team (CCMT) November 30, 2022. CCMT ordered a start of technical investigation including risk assessment. The technical investigation was completed December 21 and presented to CCMT. CCMT decided it was a safety critical issue and ordered start preparation for a safety recall. The recall preparation is planned to be completed December 28 and is scheduled to launch December 29.

**Description of Remedy :**

Description of Remedy Program :	To remedy concerned vehicles, Volvo Cars will replace the Steering Gear.
How Remedy Component Differs from Recalled Component :	Only steering gears delivered with a specific assembly line fault code are affected. Concerned vehicles are certain 2019-2022 Volvo V60CC, XC60 and XC90 vehicles will receive a new Steering Gear that are not affected by the double fed screws during assembly.
Identify How/When Recall Condition was Corrected in Production :	Supplier production line where a station has a specific "torquing time-out" stop with a traceable fault code. Only steering gears delivered with a specific fault code is affected.

**Recall Schedule :**

Description of Recall Schedule : Remedy Notices  
Planned Dealer Notification Date : JAN 05, 2023 - JAN 05, 2023  
Planned Owner Notification Date : MAR 01, 2023 - MAR 01, 2023

\* NR - Not Reported