

Part 573 Safety Recall Report

24V-788

Manufacturer Name : Volvo Car USA, LLC**Submission Date :** OCT 23, 2024**NHTSA Recall No. :** 24V-788**Manufacturer Recall No. :** R10289**Manufacturer Information :**

Manufacturer Name : Volvo Car USA, LLC

Address : 1800 Volvo Place
Mahwah NJ 07430

Company phone : 201-768-7300

Population :

Number of potentially involved : 291

Estimated percentage with defect : 15 %

Vehicle Information :

Vehicle 1 : 2020-2020 Volvo S60

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population is determined by the misalignment in the assembly station where the parts were assembled May 15th to September 27th of 2019. The assembly station was corrected after September 27th of 2019 and parts after this date have the correct alignment. This recall affects certain model year 2020 S60, V60, S90L, XC60, and XC90 vehicles.

Production Dates : JUL 12, 2019 - NOV 11, 2019

VIN Range 1 : Begin : 7JRBROFM0LG036440 End : 7JRBROFL3LG049397 ☒ Not sequential

Vehicle 2 : 2020-2020 Volvo V60

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population is determined by the misalignment in the assembly station where the parts were assembled May 15th to September 27th of 2019. The assembly station was corrected after September 27th of 2019 and parts after this date have the correct alignment. This recall affects certain model year 2020 S60, V60, S90L, XC60, and XC90 vehicles.

Production Dates : JUL 08, 2019 - SEP 24, 2019

VIN Range 1 : Begin : YV1BK0EP5L1354291 End : YV1BK0EP3L1361353 ☒ Not sequential

Vehicle 3 : 2020-2020 Volvo S90l

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population is determined by the misalignment in the assembly station where the parts were assembled May 15th to September 27th of 2019. The assembly station was corrected after September 27th of 2019 and parts after this date have the correct alignment. This recall affects certain model year 2020 S60, V60, S90l, XC60, and XC90 vehicles.

Production Dates : AUG 12, 2019 - NOV 11, 2019

VIN Range 1 : Begin : LVYBROAT0LP149715 **End :** LVYBROAT6LP161898 ☒ Not sequential

Vehicle 4 : 2020-2020 Volvo XC60

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population is determined by the misalignment in the assembly station where the parts were assembled May 15th to September 27th of 2019. The assembly station was corrected after September 27th of 2019 and parts after this date have the correct alignment. This recall affects certain model year 2020 S60, V60, S90l, XC60, and XC90 vehicles.

Production Dates : JUN 02, 2019 - OCT 11, 2019

VIN Range 1 : Begin : YV4BR0DM1L1420583 **End :** YV4BR0DL0L1491328 ☒ Not sequential

Vehicle 5 : 2020-2020 Volvo XC90

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population is determined by the misalignment in the assembly station where the parts were assembled May 15th to September 27th of 2019. The assembly station was corrected after September 27th of 2019 and parts after this date have the correct alignment. This recall affects certain model year 2020 S60, V60, S90l, XC60, and XC90 vehicles.

Production Dates : JUN 02, 2019 - SEP 29, 2019

VIN Range 1 : Begin : YV4BROCK7L1536337 **End :** YV4BROCK4L1565147 ☒ Not sequential

Description of Defect :

Description of the Defect : Two bolted rods connecting the brake pedal to the hydraulic brake unit may not have been assembled correctly at the supplier. The final torque might not be according to manufacturing specification due to deviations in the equipment.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As a result, a reduction in brake support functions can occur increasing the risk of a crash.

Description of the Cause : Misalignment in the supplier’s assembly station where the parts were assembled between May 15th to September 27th of 2019.

Identification of Any Warning that can Occur : If the connection is loose there might be noise issues and an unstable pedal. Bad ergonomics due to larger distance between the brake pedal and the accelerator pedal will occur if the pushrod starts to become loose.

Involved Components :

Component Name 1 : Brake Pedal Pushrod

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Continental Automotive Technologies

Address : Guerickestrasse 7
Frankfurt Foreign States 604 41

Country : Germany

Chronology :

Considered as a critical concern by CCMT 2024-10-16;
Field Service Action decision confirmed by Volvo Car Corporation 2024-10-23;
Condition detected by Supplier Information;
Number of vehicle reports with the condition, reported to Volvo Cars from the NSC 0.
Total number of cars included in vehicle reports concerning this condition 0;
Implementation date of Field Service Action 2024-10-29.
Extended Chronology: Volvo Cars received the first information from the supplier indicating the potential issue. An investigation was initiated to review the customer symptom and a possible effect on Volvo vehicles as well as review of previous field returns.
September 4, 2024: The investigation was escalated to the Critical Concern Action Process (CCAP). The issue was concluded as potentially critical and the Critical Concern Management Team (CCMT) initiated a technical investigation to conclude customer symptom, risk assessment, testing, root cause etc.

October 11, 2024: Volvo Cars received information from the supplier defining a scope of suspect parts and the fact that final torque might not be according to manufacturing specification.
October 15, 2024: Volvo Cars received a complete scope of suspect parts with serial numbers from the supplier.
October 16, 2024: The technical investigation was completed, the CCMT team took the decision to start preparation for a recall as it was judged as an increased risk towards motor vehicle safety.

Description of Remedy :

Description of Remedy Program :	To remedy concerned vehicles, Volvo Cars will torque the pushrod screw joint according to specification. If an out-of-pocket expense has been paid for prior to this repair being performed, prior to receiving this letter, customers may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. For more information, please refer to Volvo Customer Care Center by phone at 1-800-458-1552, 24 hours a day, 7 days a week. You may also contact Volvo by going to https://volvo.custhelp/app/homeV3 .
How Remedy Component Differs from Recalled Component :	The remedy component will be torqued to the correct specification.
Identify How/When Recall Condition was Corrected in Production :	The supplier’s assembly line was corrected in production after September 27th, 2019.

Recall Schedule :

Description of Recall Schedule :	Remedy Notices
Planned Dealer Notification Date :	OCT 23, 2024 - OCT 23, 2024
Planned Owner Notification Date :	DEC 17, 2024 - DEC 17, 2024

* NR - Not Reported