

Part 573 Safety Recall Report

21V-001

Manufacturer Name : Volvo Car USA, LLC**Submission Date :** JAN 07, 2021**NHTSA Recall No. :** 21V-001**Manufacturer Recall No. :** R10068**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 : 2,883

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 VOLVO V60

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Concerned vehicles were certain 2021 models built at VCT, Torslanda plant. Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. Manufacturer's responsibility due to human error. 2,883 vehicles in US affected.

Production Dates : SEP 10, 2020 - SEP 22, 2020

VIN Range 1 : Begin : YV1ZWBMVDM1421125 End : YV1ZWBFBVDM1422417 Not sequential

Vehicle 2 : 2021-2021 VOLVO V60CC

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Concerned vehicles were certain 2021 models built at VCT, Torslanda plant. Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. Manufacturer's responsibility due to human error. 2,883 vehicles in US affected.

Production Dates : SEP 10, 2020 - SEP 22, 2020

VIN Range 1 : Begin : YV1ZZ08ACM1067970 End : YV1ZZL12CM1068306 Not sequential

Vehicle 3 : 2021-2021 VOLVO V90

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Concerned vehicles were certain 2021 models built at VCT, Torslanda plant. Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. Manufacturer's responsibility due to human error. 2,883 vehicles in US affected.

Production Dates : SEP 10, 2020 -SEP 21, 2020

VIN Range 1 : Begin : YV1PWBMVDM1161949 End : YV1PW06SCM1162075 Not sequential

Vehicle 4 : 2021-2021 VOLVO V90CC

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Concerned vehicles were certain 2021 models built at VCT, Torslanda plant. Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. Manufacturer's responsibility due to human error. 2,883 vehicles in US affected.

Production Dates : SEP 14, 2020 -SEP 22, 2020

VIN Range 1 : Begin : YV1PZ68VCM1132890 End : YV1PZL1E5M1133072 Not sequential

Vehicle 5 : 2021-2021 VOLVO XC60

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Concerned vehicles were certain 2021 models built at VCT, Torslanda plant. Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. Manufacturer's responsibility due to human error. 2,883 vehicles in US affected.

Production Dates : SEP 11, 2020 -SEP 22, 2020

VIN Range 1 : Begin : YV4102DKXM1722021 End : YV4102DK6M1728723 Not sequential

Vehicle 6 : 2021-2021 VOLVO XC90

Vehicle Type : LOW VOLUME VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Concerned vehicles were certain 2021 models built at VCT, Torslanda plant. Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. Manufacturer's responsibility due to human error. 2,883 vehicles in US affected.

Production Dates : SEP 10, 2020 -SEP 22, 2020

VIN Range 1 : Begin : YV4A22PK5M1688074 End : YV4102PK4M1692218 Not sequential

Description of Defect :

Description of the Defect : Volvo Cars investigations have identified that there is a risk of the control unit for the SRS (Supplementary Restraint System) not being attached to the car body according to specifications. There is a risk that the SRS control unit will come loose in a crash and the needed performance might not be achieved in the accident in regard to occupant protection (e.g., activation of devices, airbags, seat belts, high voltage battery disconnect).

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In a worst-case scenario with a vehicle without SRS Lamp lit prior to an accident, needed SRS performance is not achieved in the accident in regard to occupant protection (e.g., activation of devices, airbags, seat belts, high voltage battery disconnect) leading to increased risk of injury during a crash.

Description of the Cause : Concerned vehicles were certain 2021 models built at VCT, Torslanda plant. Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. Manufacturer's responsibility due to human error.

Identification of Any Warning that can Occur : If the correct torque is not used and if a fault is detected in the SRS system, it will trigger the SRS warning lamp and a text message "Service Urgent" is displayed.

If SRS is not grounded properly this will have a negative effect on other Electronic Control Units which could possibly set additional Diagnostic Trouble Codes.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Volvo Car Corporation

Address : Gunnar Engellaus Vag 8

Gothenburg Foreign States 418 78

Country: Sweden

Chronology :

A. Condition considered as Critical by CCMT* 2020-12-30
B. Field Action decision by Volvo Car Corporation 2021-01-05
C. Condition detected by? (market VR**, internal, inspection, testing) Inspection
D. Number of VR with the condition, reported to Volvo Cars from NSC? 1
E. Total number of cars included in VRs concerning the condition? 1
F. Implementation date 2021-01-05

2020-11-26 – Investigation started based on 1 VR in the UK
2020-12-18 – Factory pre-meeting – investigation ongoing
2020-12-23 – First time CCMT – Technical investigation ongoing
2021-01-05 – Decision taken by CCMT – Release of recall

Description of Remedy :

Description of Remedy Program : Inspect and check the torque of the mounting screws for the SRS crash sensor, and if necessary, re-torque them according to specification, at no charge to the customer.

How Remedy Component Differs from Recalled Component : Concerned vehicles were certain 2021 models built at VCT, Torslanda plant. Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. Manufacturer's responsibility due to human error.

Identify How/When Recall Condition was Corrected in Production : Deviation in VCT plant, Volvo Cars Torslanda, regarding controlling torque measurement method after equipment failure. New controls for torque measurement introduced in production 9/22/2020 (human error).

Recall Schedule :

Description of Recall Schedule : Remedy Notices
Planned Dealer Notification Date : JAN 07, 2021 - JAN 07, 2021
Planned Owner Notification Date : FEB 19, 2021 - FEB 19, 2021

* NR - Not Reported