

Part 573 Safety Recall Report

21V-881

Manufacturer Name : Volvo Car USA, LLC**Submission Date :** NOV 12, 2021**NHTSA Recall No. :** 21V-881**Manufacturer Recall No. :** R10128**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 : 4

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 VOLVO XC40 BEV

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : 13 vehicles were registered in plant that the cross-member bracket bolt have been assembled with in-correct torque on the right-hand side. Vehicles were checked at special station and ok. Later it was discovered that the torque issue was on the left-hand side of the front motor. Only 4 Vehicles are affected in the USA.

Production Dates : SEP 10, 2020 - MAR 25, 2021

VIN Range 1 : Begin : YV4ED3URXM2441033 End : YV4ED3UR7M2579192 Not sequential**Description of Defect :**

Description of the Defect : Volvo has identified, loose or missing bolt in the front engine compartment securing a cross member bracket for the electrical motor. If the bolt is not correctly torqued, it may loosen over time resulting in noise and vibration. In a worst-case scenario, there may be a risk of decreased protection in the event of a crash. Total of 4 vehicles in the U.S.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Possibility of a loose or missing bolt in the front engine compartment securing a cross member bracket for the electrical motor. If the bolt is not correctly torqued, it may loosen over time resulting in noise and vibration. In a worst-case scenario, there may be a risk of decreased protection in the event of a crash resulting in serious injury.

Description of the Cause : 13 vehicles were registered in plant that the cross-member bracket bolt have been assembled with in-correct torque on the right-hand side. Vehicles were checked at special station and ok. Later it was discovered that the torque issue

was on the left-hand side of the front motor.

Identification of Any Warning that can Occur : Squeaking noise at take-off. Volvo Cars centrally has not received any reports alleging injuries, fatalities, or crashes related to this condition.

Involved Components :

Component Name 1 : Bracket

Component Description : Bracket

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 :

Condition considered as critical by Critical Concern Management Team 11.03.2021; Field Action decision confirmed by Volvo Car Corporation 11.10.2021; Implementation date 11.11.2021; Condition was detected by Market. Number of vehicle reports with the condition reported to Volvo Cars from National Sales Company 1; Total number of cars included in Vehicle Reports concerning this condition 1

Description of Remedy :

Description of Remedy Program : To remedy the concerned vehicles, Volvo Cars will replace the cross-member bracket and install new bracket bolts, at no charge to the customer.

How Remedy Component Differs from Recalled Component : Only concerns XC40 BEV produced between 2020-09-10 and 2021-03-25. Plant system was updated and is now showing the correct motor side to be checked/controlled.
Replace the cross-member bracket and install new bracket bolts on

Identify How/When Recall Condition was Corrected in Production : recalled VINS.
13 vehicles were registered in plant that the cross-member bracket bolt have been assembled with in-correct torque on the right-hand side. Vehicles were checked at special station and ok. Later it was discovered that the torque issue was on the left-hand side of the front motor. Concerns XC40 BEV produced between 2020-09-10 and 2021-03-25. Plant system was updated and is now showing the correct motor side to be checked/controlled.

Recall Schedule :

Description of Recall Schedule : REMEDY NOTICES
Planned Dealer Notification Date : NOV 12, 2021 - NOV 12, 2021
Planned Owner Notification Date : JAN 10, 2022 - JAN 10, 2022

* NR - Not Reported