

Part 573 Safety Recall Report

20V-144

Manufacturer Name : Volvo Car USA LLC

Submission Date : MAR 18, 2020

NHTSA Recall No. : 20V-144

Manufacturer Recall No. : R29998



Manufacturer Information :

Manufacturer Name : Volvo Car USA LLC

Address : 270 Three Point Drive
Ridgeville SC 29472

Company phone : 6177846027

Population :

Number of potentially involved : 121,605

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 Volvo S60, V60, V60CC, S90L, V90, V90CC, XC40, XC60, XC90

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Start break point

Start of production of vehicles containing the concerned software in combination with a specific hardware.

End Break Point

Start of production of vehicles with improved software.

Production Dates : NOV 09, 2018 - MAR 11, 2020

VIN Range 1 : Begin : YV1LC68UCK1488645 End : YV1LF68MCL1612718

☒ Not sequential

VIN Range 2 : Begin : LVYPS102DKP064882 End : LVYPS68TCLP084814

☐ Not sequential

VIN Range 3 : Begin : YV1PWBMTDK1103694 End : YV1A22VM6L1140066

☐ Not sequential

VIN Range 4 : Begin : YV1PZA3TCK1081059 End : YV1PZ25E6L1114758

☐ Not sequential

VIN Range 5 : Begin : LVYPD10D7KP111191 End : LVYPD25D3LP173235

☐ Not sequential

VIN Range 6 : Begin : PNVUZBAADL5045830 End : YV4102RK2L1582134

☐ Not sequential

VIN Range 7 : Begin : YV1XZBBBFK2097631 End : YV1XZ15VDL2322560

☐ Not sequential

VIN Range 8 : Begin : YV1ZWB MUDK1325130 End : YV1ZWA8UDL2391458

☐ Not sequential

VIN Range 9 : Begin : 7JRZS25TDKG007310 End : 7JRA22TK0LG065449

☐ Not sequential

VIN Range 10 : Begin : YV1ZZARTCK1001979 End : YV4102WK7L1047076

☐ Not sequential

Description of Defect :

Description of the Defect : Due to the missing software code the Active Safety Domain Master (ASDM) is not fully compatible with the new hardware that was introduced 19w04.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Automatic Emergency Brake System (AEB), a part of the driver support system - intellisafe, may not always engage which could increase the risk of collision.

Description of the Cause : Due to the missing software code the ASDM is not fully compatible with the new hardware that was introduced 19w04.

Identification of Any Warning that can Occur : N/A

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Aptiv

Address : 421|00421 - Troy Offices Bldg. D
Troy MICHIGAN 48007

Country : United States

Chronology :

A. Condition considered as Critical by CCMT* 2020-03-11

B. Field Action decision by Volvo Car Corporation 2020-03-11

C. Condition detected by? (market VR**, internal, inspection, testing) External Testing

D. Number of VR with the condition, reported to Volvo Cars from NSC? 0

E. Total number of cars included in VRs concerning the condition? 0

F. Implementation date 2020-03-12

Volvo Cars centrally has not received any reports alleging injuries, fatalities, or crashes related to this condition. No customer cases from field reported.

Description of Remedy :

Description of Remedy Program : Perform Total Upgrade, containing updated software, on all concerned vehicles. Free of Charge to all affected vehicles. All vehicles are also still under Volvo Factory Warranty.

How Remedy Component Differs from Recalled Component : Updated Software of the missing code

Identify How/When Recall Condition was Corrected in Production : Updated software introduced in production on 3/11/2020

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : MAR 16, 2020 - MAR 16, 2020

Planned Owner Notification Date : MAY 01, 2020 - MAY 01, 2020

* NR - Not Reported