

Part 573 Safety Recall Report

16V-798

Manufacturer Name : Volvo Car USA LLC**Submission Date :** OCT 27, 2016**NHTSA Recall No. :** 16V-798**Manufacturer Recall No. :** R89708**Manufacturer Information :****Population :**

Manufacturer Name : Volvo Car USA LLC

Number of potentially involved : 74,027

Address : AUTOMOTIVE SAFETY & COMPLIANCE
1 VOLVO DRIVE, BUILDING B
ROCKLEIGH NJ 07647

Estimated percentage with defect : NR

Company phone : 201-768-7300

Vehicle Information :

Vehicle 1 : 2016-2017 Volvo XC90, S90, XC60, V60CC, V60, S60CC, S60 and S60 Inscription
 Vehicle Type : LIGHT VEHICLES
 Body Style : ALL
 Power Train : GAS

Descriptive Information : Certain model year 2016 - 2017 vehicles may not have the front passenger seatbelt buckle stud punched correctly. This may result in a separation between the buckle and the seat belt bracket. If this were to occur, it could increase the risk of injury to a front passenger seat occupant in a vehicle crash. Authorized Volvo retailers will inspect the front passenger seatbelt buckle stud by pushing/rotating the passenger seatbelt buckle forward, and checking if the seatbelt buckle stud is punched according to the illustrations in the attached repair instructions. If the inspection procedure indicates an incorrectly manufactured seatbelt buckle, your authorized Volvo retailer will replace the seatbelt buckle.

Production Dates : FEB 16, 2015 - AUG 22, 2016

VIN Range 1 : Begin : YV149MTM5G2394830	End : YV140MTL7H2425806	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin : LYV612TM7GB103382	End : LYV402TK0HB134161	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin : YV4612UM0G2001306	End : YV1A22MK9H1003890	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin : YV149MSM9G1298786	End : YV140MEM4H1340059	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin : YV4612HK9G1012416	End : YV440MWK5H1027327	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin : YV440MRM7H2000007	End : YV449MRK4G2928330	<input type="checkbox"/> Not sequential
VIN Range 7 : Begin : YV1102AL7H1000358	End : YV1A22MK8H1004089	<input type="checkbox"/> Not sequential
VIN Range 8 : Begin : YV4A22PL6G1000516	End : YV4A22PL4H1126231	<input type="checkbox"/> Not sequential

Description of Defect :

Description of the Defect : Certain model year 2016 - 2017 vehicles (indicated above) may not have the

Description of the Defect : front passenger seatbelt buckle stud punched correctly. This may result in a separation between the buckle and the seat belt bracket.

FMVSS 1 : 210 - Seat belt assembly anchorages

FMVSS 2 : 209 - Seat belt assemblies

Description of the Safety Risk : If this were to occur, it could increase the risk of injury to a front passenger seat occupant in a vehicle crash.

Description of the Cause : Due to insufficient process and quality control the supplier cannot guarantee the buckle punching operation for the passenger seatbelt buckle during a period of time.

Identification of Any Warning that can Occur : Visual warning of seatbelt buckle stud not punched correctly per the illustrations in the repair instructions.

Supplier Identification :

Component Manufacturer

Name : Autoliv B.V. & Co. KG

Address : 1320 Pacific Dr.
Auburn Hills MICHIGAN 48306

Country : United States

Chronology :

August 16, 2016 - Volvo Cars received a vehicle report (VR) from the field indicating that something was wrong with the front seat passenger belt buckle. Volvo Cars ordered that the seatbelt buckle should be sent with high priority back to Volvo Cars centrally for analysis.

An Investigation started and vehicles were blocked at the factory. Volvo Cars initiated a control of the seatbelt buckles both at the factory and at the supplier. A Total of 6,000 seatbelt buckles were inspected, no faults found.

Volvo Cars received information from the supplier that they found an internal report showing that three seatbelt buckles have been found with the stud not punched in their production line quality control. However only two were reported with the third one disregarded, judged as an operator error. The car reported in the Vehicle Report originated from the same production date. Therefor it was considered as a single case at that point in time and Volvo closed the investigation.

October 17, 2016 - Volvo Cars received new facts from the supplier resulting in a new investigation. The supplier could not guarantee that their process and quality control was sufficient to secure the seatbelt buckle punching operation.

October 24, 2016 - The Critical Concern Management Team (CCMT) at Volvo Cars considers this potentially critical, CCMT decides to start recall preparation.

October 27, 2016 - Based on the supplier recommendation, CCMT at Volvo Cars decides to recall all concerned vehicles produced within the period.
Vehicles blocked at ports and retailers.

Description of Remedy :

Description of Remedy Program : Authorized Volvo retailers will inspect the front passenger seatbelt buckle stud by pushing/rotating the passenger seatbelt buckle forward, and checking if the seatbelt buckle stud is punched according to the illustrations in the repair instructions

How Remedy Component Differs from Recalled Component : Visual warning of seatbelt buckle stud not punched per the illustrations in the repair instructions.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : OCT 27, 2016 - OCT 27, 2016

Planned Owner Notification Date : DEC 12, 2016 - DEC 12, 2016

* NR - Not Reported