

Part 573 Safety Recall Report

16V-268

Manufacturer Name : Volvo Car USA LLC**Submission Date :** MAY 27, 2016**NHTSA Recall No. :** 16V-268**Manufacturer Recall No. :** R89702**Manufacturer Information :****Population :**

Manufacturer Name : Volvo Car USA LLC

Number of potentially involved : 30,214

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

Estimated percentage with defect : 100 %

Company phone : 201-768-7300

Vehicle Information :

Vehicle 1 : 2016-2016 Volvo XC90

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Volvo XC90 model year 2016 vehicles equipped with power-operated roof panel systems fails to conform to Federal Motor Vehicle Safety Standard (FMVSS) No. 118, Power-Operated Window, Partition and Roof Panel Systems.

Production Dates : JAN 27, 2015 - APR 23, 2016

VIN Range 1 : Begin : YV1LCA2BCG1000491 End : YV1LFBABDG1095355 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The roof panels in these vehicles will auto-close when pressing the switch in the overhead console and the roof panel is open. The switch can be actuated when performing the test procedure set forth in S6 (a) of FMVSS No. 118, which results in the roof panel auto-closing when open.

FMVSS 1 : 118 - Power-operated window systems

FMVSS 2 : NR

Description of the Safety Risk : Due to the functionality, the switch may be more susceptible to an unintentional actuation, which could lead to unintended auto-closure of the roof panel, increasing the risk of injury.

Description of the Cause : The switch is not sufficiently recessed to prevent actuation from a 20 mm radius sphere for certain panoramic roof operation cycles. (Testing requirement according to FMVSS No. 118.)

Identification of Any Warning that can Occur : The customers will not be aware of the situation prior to the recall.

Supplier Identification :

Component Manufacturer

Name : Volvo Car Corporation
Address : SE-405 31
Gothenburg FOREIGN STATES
Country : Sweden

Chronology :

A test conducted on April 13, 2016 demonstrated that the power-operated roof panel system in a pre-production vehicle of the new S90 model would auto-close when pressing the switch in the overhead console and the roof panel is open. Due to the functionality, the switch can be actuated when performing the test procedure set forth in S6 (a) of FMVSS No. 118, which results in the roof panel auto-closing when open.

Since the functionality may have been used in the XC90 model year 2016 vehicles, Volvo Cars opened an investigation into this issue.

On April 27th, 2016, Volvo Cars Critical Concern Management Team (CCMT) decided to conduct a non-compliance recall, concerning model year 2016 XC90 vehicles.

Volvo Car Corporation centrally received the following technical reports from the US market:

Report:	Received:	Concerned vehicles:
0	N/A	N/A

Volvo Cars centrally has not received any warranty claims for the condition from the US market.

Volvo Cars centrally has not received any reports alleging injuries, fatalities, or crashes related to this condition.

Description of Remedy :

Description of Remedy Program : The corrective action is to perform a software upgrade that disables the auto-close function while depressing the sunroof switch.

How Remedy Component Differs from Recalled Component : Software upgrade to change panoramic sunroof operation.

Identify How/When Recall Condition was Corrected in Production : Corrected with the start of model year 2017 production.

Recall Schedule :

Description of Recall Schedule : Planned customer mailing target date is 6/20/16.
Planned Dealer Notification Date : MAY 03, 2016 - MAY 10, 2016
Planned Owner Notification Date : JUN 20, 2016 - JUN 20, 2016

* NR - Not Reported