

Part 573 Safety Recall Report

16V-918

Manufacturer Name : Volvo Car USA LLC**Submission Date :** DEC 16, 2016**NHTSA Recall No. :** 16V-918**Manufacturer Recall No. :** R89712**Manufacturer Information :****Population :**

Manufacturer Name : Volvo Car USA LLC

Number of potentially involved : 377

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 : 2017-2017 Volvo S60, S60CC, V60, V60CC, XC60

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Volvo Cars of North America, LLC (Volvo) submits the attached supplemental information to our 2016-12-16 defect information report for Volvo Recall R89712 – Airbag Inflator.

Production Dates : AUG 16, 2016 - OCT 21, 2016

VIN Range 1 : Begin : YV126MFL3H2426159 End : YV140MTL0H2429180 Not sequentialVIN Range 2 : Begin : YV440MUMXH2003944 End : YV1FH40CCH2004097 Not sequentialVIN Range 3 : Begin : YV1FWA8BDH1341231 End : YV1FWA8RDH1348939 Not sequentialVIN Range 4 : Begin : YV1FZARCDH1027800 End : YV1FZA5C6H1031270 Not sequentialVIN Range 5 : Begin : YV1DZA8CDH2052921 End : YV1DZA8CDH2067711 Not sequential**Description of Defect :**

Description of the Defect : Volvo Cars received information from the supplier regarding a potential issue with the pyrotechnical initiators for the airbags. The generant mix ratio may in some initiators be out of specification; this could result in a non-deployment of one or more of the affected airbag units in the event of a crash.
Affected airbag units for Volvo are the front driver/passenger and the front seat side airbags.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : 214 - Side impact protection

Description of the Safety Risk : In a crash with passable severity (enough to activate the airbag system), a non-deployment of one or more supplemental restraint system may increase

Description of the Cause : the risk of injury
The generant mix ratio may in some initiators be out of specification; this could result in a non-deployment of one or more of the affected airbag units in the event of a crash.

Identification of Any Warning that can Occur : N/A

Supplier Identification :

Component Manufacturer

Name : Autoliv B.V. & Co. KG
Address : 1320 Pacific Drive
Auburn Hills MICHIGAN 48306
Country : United States

Chronology :

On the 7th of December 2016 Volvo Car Corporation received information from the supplier regarding a potential issue with the pyrotechnical initiator for the airbags.

A factory pre-meeting was initiated at Volvo Cars to investigate if this would involve or affect any Volvo vehicles, based on the initial information received from the supplier the issue was judged as potentially critical and was recommended to the Critical Concern Management Team (CCMT).

Monday the 12th of December 2016, CCMT decided to initiate a recall campaign preparation. The investigation concludes that airbag units with the affected initiators have been installed into Volvo vehicles.

On the 16th of December 2016, CCMT decided to launch a recall campaign for all affected vehicles. Concerned vehicles not yet delivered to customers are blocked at retailers.

Description of Remedy :

Description of Remedy Program : Volvo Cars has traceability on all potentially affected airbag units. The concerned airbag units needs to be replaced; some vehicles may have more than one concerned unit. Volvo will upload documents to the NHTSA website as soon as they are published. All repairs will be covered under new car warranty.

How Remedy Component Differs from Recalled Component : Replacement airbags are produced with the proper generant mix ratio

Identify How/When Recall Condition was Corrected in Production : Air bags introduced after production dates above contain the proper generant mix ratio

Recall Schedule :

Description of Recall Schedule : Volvo retailers will receive a notification of this recall today 12/16/16. Complete an owner notification mailing is 03/10/17

Planned Dealer Notification Date : DEC 16, 2016 - JAN 06, 2017

Planned Owner Notification Date : MAR 10, 2017 - NR

* NR - Not Reported