

**Part 573 Safety Recall Report****15V-342****Manufacturer Name :** Volvo Cars of N.A., LLC**Submission Date :** MAY 27,2015**NHTSA Recall No. :** 15V-342**Manufacturer Recall No. :** R89571**Manufacturer Information :**

Manufacturer Name : Volvo Cars of N.A., LLC

Address : AUTOMOTIVE SAFETY &amp; COMPLIANCE

1 VOLVO DRIVE, BUILDING B ROCKLEIGH NJ 0764

Company phone : 201-768-7300

**Population :**

Number of potentially involved : 621

Estimated percentage with defect : 3

**Vehicle Information :**

Vehicle : 2016-2016 Volvo XC90

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** On certain model year 2016 XC90 vehicles, the electrical wiring to the Side Impact Protection System (SIPS) in the front seats may have been incorrectly assembled. If the electrical wiring is incorrectly assembled (clamped between seat back frame and SIPS bracket), there may be a risk of damage to the wiring insulation. The Supplemental Restraint System (SRS) warning light will illuminate and the vehicle On Board Diagnostic system will immediately alert the driver by a message in the Driver Information Module (DIM). "SRS Airbag Service Urgent, Drive to workshop"

Production Dates : JAN 27, 2015 - MAY 19, 2015

**VIN (Vehicle Identification Number) Range**

Begin : YV1LCA2BCG1000491

End : YV1LFA4BCG1008268

 Not sequential VINs**Description of Defect :**

**Description of the Defect :** The Supplemental Restraint System (SRS) wire harness in the front seats may be incorrectly assembled. During seat assembly the SRS harness may have been incorrectly routed, which may damage the wire insulation.

**Description of the Safety Risk :** the Supplemental Restraint System (SRS) may not function as intended, increasing the risk of injury in the event of an accident.

**Description of the Cause :** The Supplemental Restraint System (SRS) wire harness in the front seats may be incorrectly assembled. During seat assembly the SRS harness may have been incorrectly routed, which may damage the wire insulation.

**Identification of Any Warning that can Occur :** If the deviation exists the SRS warning light may illuminate and the vehicle On Board Diagnostic system will immediately alert

the driver by message in the Driver Information Module (DIM).  
“SRS Airbag Service Urgent, Drive to workshop”

**Supplier Identification :**

**Component Manufacturer**

Name : Johnson Controls Sweden AB, Automotive S

Address : Arendal Industripark, ARR

S - 405 08 Göteborg FOREIGN STATES

Country : Sweden

**Chronology :**

2015-05-11:

- Technical rejection report sent from Volvo Cars Torslanda to the supplier Johnson Controls Sweden AB. (TT78769), wire to SRS system incorrectly fitted.

2015-05-12:

- Check of already built vehicles starts at Volvo Cars Torslanda.
- Quality alert issued at the supplier to prevent wrong assembly, stop of production and strengthen education for the assemble personal together with a reinforced work instruction.

2015-05-15:

- Technical analysis of seats with clamped wires performed, seats that were found during inspection of cars at Volvo Cars Torslanda.
- Harbor control inspection instruction issued and released.

2015-05-18:

- Results from the harbor check reported back to Volvo Cars centrally.

2015-05-19:

- Technical report received, one retailer demo car reported.
- Additional quality check at the end of production line at the supplier, together with random spot check of the assembly process.

2015-05-21:

- Pre-meeting initiated according to our Critical Concern Action Process
- Technical analysis finalized by experts from Volvo Cars.

2015-05-22:

- The Critical Concern Management Team (CCMT) takes the decision to initiate a Field Service Action based on risk assessment from Research and Development department (R&D).
- Launch of Port Action Mail to block vehicles at ports.
- Launch of block at retailer to control vehicles before customer delivery.
- Check of already built cars at Volvo Cars Torslanda is complete.

2015-05-26:

- Volvo Cars North America (VCNA) informs NHTSA about the upcoming Part 573.

**Description of Remedy :**

Description of Remedy Program : Inspection of wire insulation and if needed add a protective sleeve.

How Remedy Component Differs from Recalled Component : The Supplemental Restraint System (SRS) wire harness in the front seats may be incorrectly assembled. During seat assembly the SRS harness may have been incorrectly routed, which may damage the wire insulation.

Identify How/When Recall Condition was Corrected in Production : 2015-05-12:

- Check of already built vehicles starts at Volvo Cars Torslanda.

- Quality alert issued at the supplier to prevent wrong assembly, stop of production and strengthen education for the assemble personal together with a reinforced work instruction.

**Recall Schedule :**

Description of Recall Schedule : A delivery stop action with inspection instructions was sent to Volvo retailers on 05/26/15. A complete retailer information package with repair instructions will be sent to Volvo retailers on 06/03/15. Volvo estimates that all vehicle owners will receive a recall notification letter by 06/24/15.

Planned Dealer Notification Date : MAY 29, 2015 - MAY 29, 2015

Planned Owner Notification Date : JUN 24, 2015 - JUN 24, 2015

\* NR - Not Reported