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|--|--------------------------|--|---|-----------------------------------|
| VOLVO CAR<br>SERVICE AND PARTS BUSINESS  |                          |  |  |                                   |
| <h1>Parts Bulletin</h1>  |                          |  |   |                                   |
| TITLE:<br><b>Recall R89707: Air Conditioning Drain Hose<br/>Model Year 2016 XC90 &amp; S90</b> |                          |  |   |                                   |
| GROUP:<br><b>87</b>  | CAT/NO:<br><b>R89707</b> | REFERENCE BULLETINS:<br><b>TJ-31955, QB-R89707</b> | CAR MARKET:<br><b>United States and Canada</b>                                      |                                   |
| COPY TO / CIRCULATIONS (PLEASE INITIAL):   |                          |  | ISSUE DATE:<br><b>2016-12-21</b>  | STATUS DATE:<br><b>2016-12-21</b> |
| GENERAL<br>MANAGER   | PARTS<br>MANAGER         | SERVICE<br>MANAGER                                 | SALES<br>MANAGER  |                                   |
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**“Right first time in Time”**

**Reference Bulletins: TJ-31955, QB-R89707**

**Update: Added Wiring Harness Part Numbers**

Volvo Car USA LLC and Volvo Car Canada LTD (Volvo) on behalf of Volvo Car Group has decided to launch Recall R89707 on model year 2016 & 2017 XC90 & S90 vehicles.

Condensation water, transferred through the air conditioning drain hose, may leak into the passenger compartment due to incorrect installation during vehicle assembly. If this condition should occur, it may result in moisture inside the passenger compartment, which could lead to air conditioning functionality issues.

If the leakage has not been detected over a period of time, this condition could affect SRS systems (air-bag), engine management systems etc. In such a case, the driver may experience various warning messages displayed in the Driver Information Module (DIM) identifying that a fault may be present and also providing guidance on how to proceed. Volvo therefore considers this a potential safety risk over time.

The corrective action is to inspect the air conditioning drain hose to ensure correct installation per the attached Tech Journal 31955, and if necessary replace the drain hose.

Should there be water present beneath the carpet, the wire harness should be inspected. If the wiring is wet or corroded repair per the attached instruction.



Other possible issues, originating from A/C water intrusion, should be handled as a separate claim per the New Car Warranty.

A total of 43,762 U.S. and 3,848 Canadian vehicles are eligible for this recall.

The following part numbers revisions apply:

Part number 31497446 Grommet and 974685 Plug replace the drain hoses part numbers from the previous Parts Bulletin. Please refer to revised Technical Journal 31955 for new repair instructions.

### If Inspection Indicates a Drain Hose Replacement is Necessary

| Part Number | Description                       | Qty |
|-------------|-----------------------------------|-----|
| 31497446    | Grommet, Driver Side XC90, S90    | 1   |
| 974685      | Plug Driver Side XC90, S90        | 1   |
| 31497446    | Grommet, Passenger Side XC90, S90 | 2   |

### If a Wiring Repair is Necessary

| Part Number | Description     | Qty        |
|-------------|-----------------|------------|
| 9511028     | Electrical Tape | 0.4 (roll) |
| 9130476     | Splice          | 26 max     |
| 9512783     | Splice          | 130 max    |
| 31680434    | Wire Harness    | 1          |
| 31680435    | Wire Harness    | 1          |
| 31680436    | Wire Harness    | 1          |
| 31680440    | Wire Harness    | 1          |

**The number of vehicles that require the drain hose replacement is predicted to be very low. As a result, the Grommet (31497446) and Plug (974685) are restricted to critical orders only. Continue to check VRC<sup>2</sup> Parts Announcements for order procedure and availability updates. Please order only what is required to repair a vehicle with a confirmed drain hose leak per TJ31955.**