



Jason Guidi

Director - Regulatory & Compliance

May 02, 2018

To: All U.S. Volvo Retailers
Subject: Service Campaign S29846

Volvo Car USA LLC and Volvo Car Canada LTD (Volvo) on behalf of Volvo Car Corporation, has decided to launch Service Campaign S29846 on certain model year 2016 XC90 vehicles.

Volvo has identified that engine coolant may leak due to an insufficient quick connector in the coolant expansion tank bleeder hose. Should this condition occur, a message in the Driver Information Module (DIM) will appear informing the driver about low coolant level and in a worse case situation high engine temperature.

The corrective action is to replace the coolant expansion tank bleeder hose.

Service Campaign S29846 affects 35,037 vehicles in the U.S. and 2,832 in Canada.

Vehicles in retailer inventory must be completed prior to sale.

OWNER NOTIFICATION

The owner notification mailing is planned for June.

RESPONSIBILITIES

Retailers must perform this service campaign on eligible vehicles regardless of miles / kilometers or vehicle age. All work performed under this service campaign is free of charge to the owner.

Your regional representative will follow up to ensure that Service Campaign S29846 is proceeding smoothly.



A complete description of the service campaign requirements and claim submission procedures will follow.

It is the retailer's responsibility to review the details provided in the materials listed below with all involved personnel.

- Quality Bulletin
- Parts Bulletin

Your cooperation in completing Service Campaign S29846 is greatly appreciated.

All vehicles should be checked for any other incomplete actions.

If you have any questions about this or any other field service action, please contact me or any member of the Regulations and Compliance office.

Drive Safely,

A handwritten signature in black ink that reads "Jason Guidi".

Jason Guidi
Director - Regulatory & Compliance
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jason.guidi@volvocars.com



Quality Bulletin

TITLE:

**Service Campaign S29846: Coolant Expansion Tank Bleeder Hose
Model Year 2016 XC90**

GROUP:
26

CAT/NO:
S29846

ISSUING DEPARTMENT:
Warranty

CAR MARKET:
United States and Canada

REFERENCE BULLETINS:
PB 26-S29846

ISSUE DATE:
2018-05-02

STATUS DATE:
2018-05-02

Service Personnel:
Read and initial

SERVICE
MANAGER

SERVICE
WRITER

WARRANTY
ADMINISTRATOR

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“Right first time in Time”

BULLETIN REFERENCE: PB 26-S29846

- A. SERVICE CAMPAIGN S29846 DESCRIPTION**
- B. VEHICLES INVOLVED**
- C. PARTS INFORMATION/PARTS RETURN**
- D. OWNER NOTIFICATION**
- E. VEHICLES IN RETAILER INVENTORY**
- F. RETAILER RESPONSIBILITY**
- G. TECHNICIAN COMPETENCY REQUIREMENT**
- H. CLAIM INSTRUCTIONS**

A. SERVICE CAMPAIGN S29846 DESCRIPTION

Volvo Car USA LLC and Volvo Car Canada LTD (Volvo) on behalf of Volvo Car Corporation, has decided to launch Service Campaign S29846 on certain model year 2016 XC90 vehicles.

Volvo has identified that engine coolant may leak due to an insufficient quick connector in the coolant expansion tank bleeder hose. Should this condition occur, a message in the Driver Information Module (DIM) will appear informing the driver about low coolant level and in a worse case situation high engine temperature.

The corrective action is to replace the coolant expansion tank bleeder hose.

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RETAILER MUST CONFIRM VEHICLE ELIGIBILITY PRIOR TO BEGINNING THE REPAIR FOR THIS ACTION.

Vehicles in retailer inventory must be upgraded prior to sale.

PLEASE NOTE: Service Campaign S29846 will be in effect until **June 30, 2020** regardless of mileage.

B. VEHICLES INVOLVED

NOTE: RETAILER MUST CONFIRM VEHICLE ELIGIBILITY PRIOR TO BEGINNING THE REPAIR FOR THIS SERVICE ACTION.

Vehicle eligibility must be confirmed:

- Inquire in VRC² - Vehicle Warranty where the message “Service Campaign S29846 Coolant Expansion Tank Bleeder Hose” will appear for eligible vehicles.

All vehicles should be checked for any incomplete recalls, service campaigns or service upgrades. All open Recall, Service Campaign or Service Action repairs should be completed.

C. PARTS INFORMATION / PARTS RETURN

Please refer to Parts Bulletin 26-S29846 for parts information.

PARTS RETURN

No parts are required to be returned to TMA for this service action.

D. OWNER NOTIFICATION

Owner notification mailing is planned for June.

E. VEHICLES IN RETAILER INVENTORY

Vehicles in retailer inventory must be completed prior to sale.

F. RETAILER RESPONSIBILITY

Retailers must check eligibility prior to completing this service campaign. All eligible vehicles must have this service campaign completed prior to customer delivery.

G. TECHNICIAN COMPETENCY REQUIREMENT

The technician competency requirement for this repair is Level 2 Certified Tech.



Quality Bulletin S29846

H. CLAIM INSTRUCTIONS

Labor reimbursement is effective at time of release and may change in the future.

Claim Type: S29846
Cause Code: 02
CSC Code: XW
Main OP: 98492
Failed Part: 32252211

<u>Operation Number</u>	<u>Repair Description</u>	<u>Qty</u>	<u>Labor Time</u>
98492	Replace Coolant Tank Bleeder Hose	1	0.7



Volvo Car Customer Service

QB Instruction VCC-506237-1

Title	Vent hose expansion tank cooling system, replace	Page	1 (7)
Action	Replacement	Operation number:	98492

Issue	Date	Reason
1	2018-04	First issue

Affected vehicles

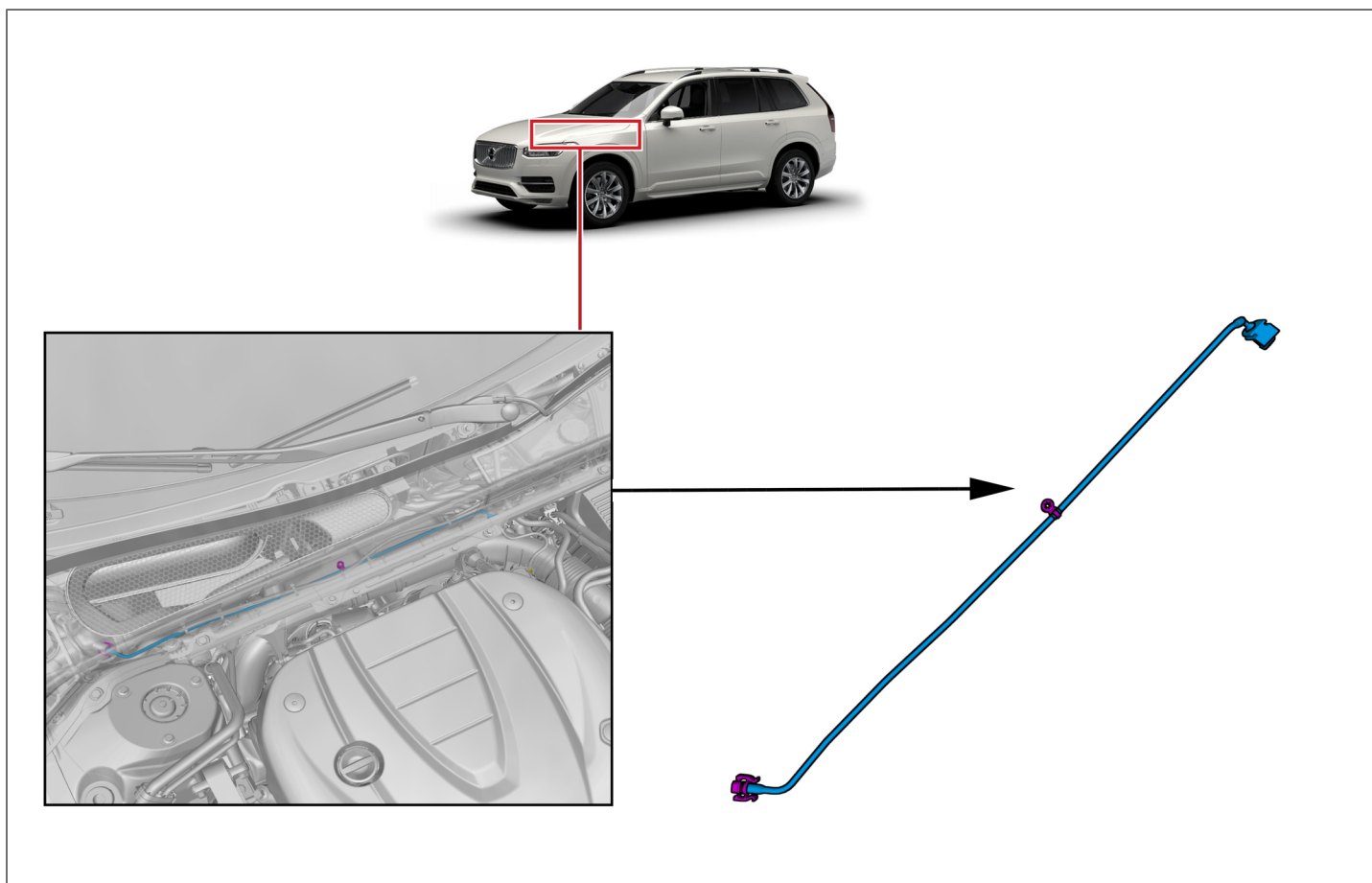
Model year	Model
2016	XC90 (16-)

Materials

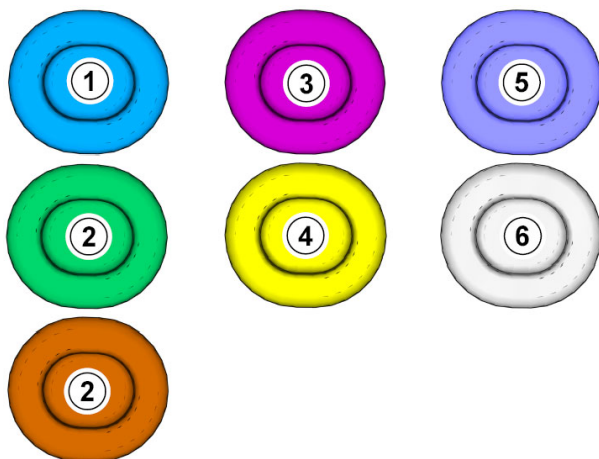
Materials	Qty.	Part No.	Notes
Bleeder hose	1.0	32252211	

Removal

Note! Removal steps in this procedure may contain installation details.



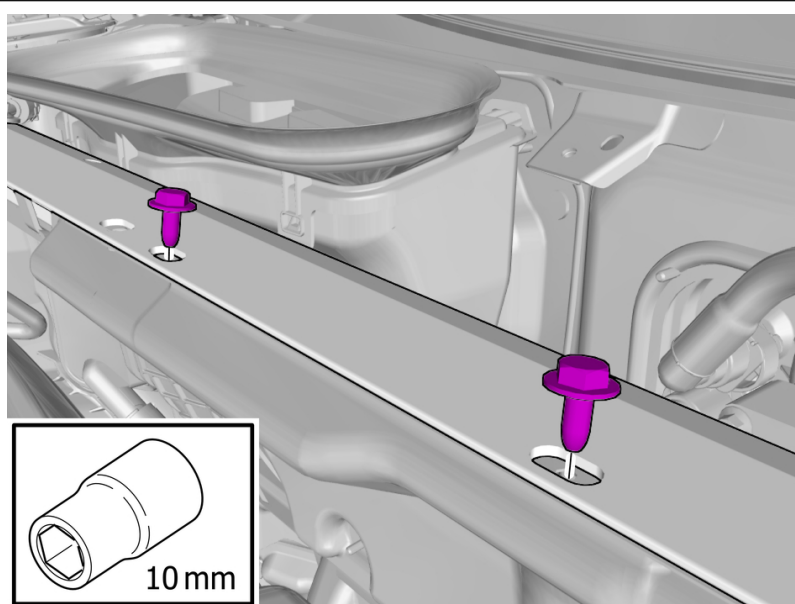
Color symbols



Note! This colour chart displays (in colour print and electronic version) the importance of the different colours used in the images of the method steps.

- 1 . Used for focused component, the component with which you will do something.
- 2 . Used as extra colors when you need to show or differentiate additional parts.
- 3 . Used for attachments that are to be removed/installed. May be screws, clips, connectors, etc.
- 4 . Used when the component is not fully removed from the vehicle but only hung to the side.
- 5 . Used for standard tools and special tools.
- 6 . Used as background color for vehicle components.

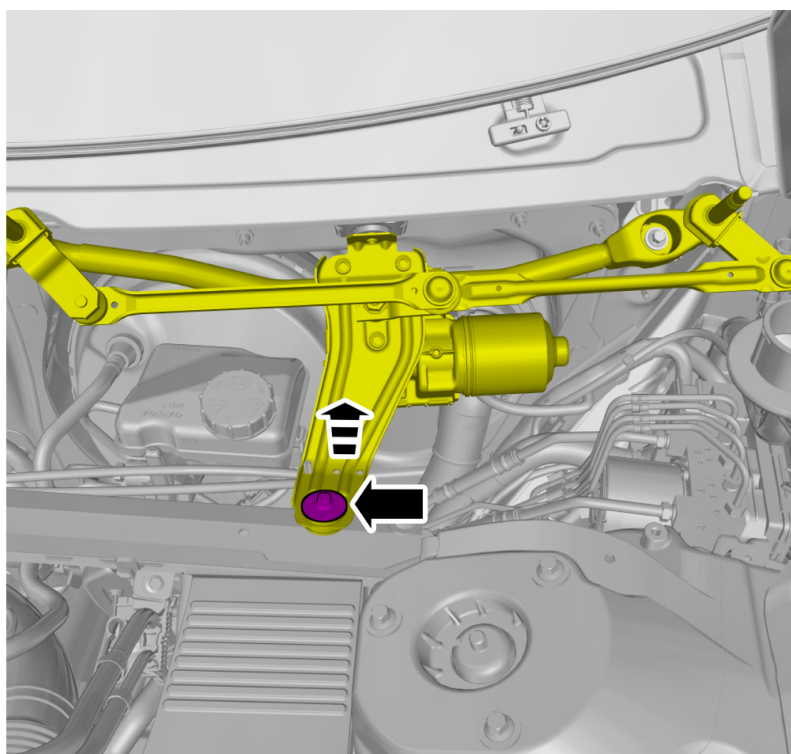
Remove the plenum cover , refer to:
 Removal, replacement and installation
 8 - Body and interior
 82 - Bonnet (Hood), front end, wings, door sill
 823 - radiator grille



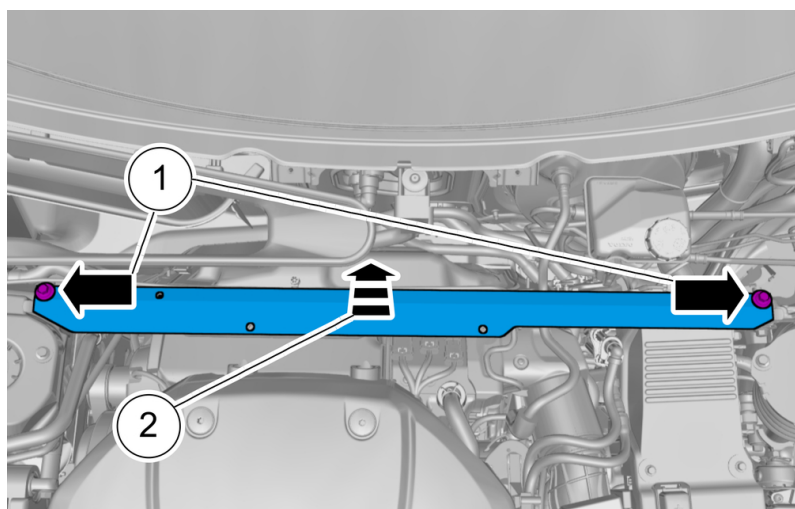
Remove the screws.

Torque:

Bracket, to Secondary bulkhead panel ,
 2.5 Nm



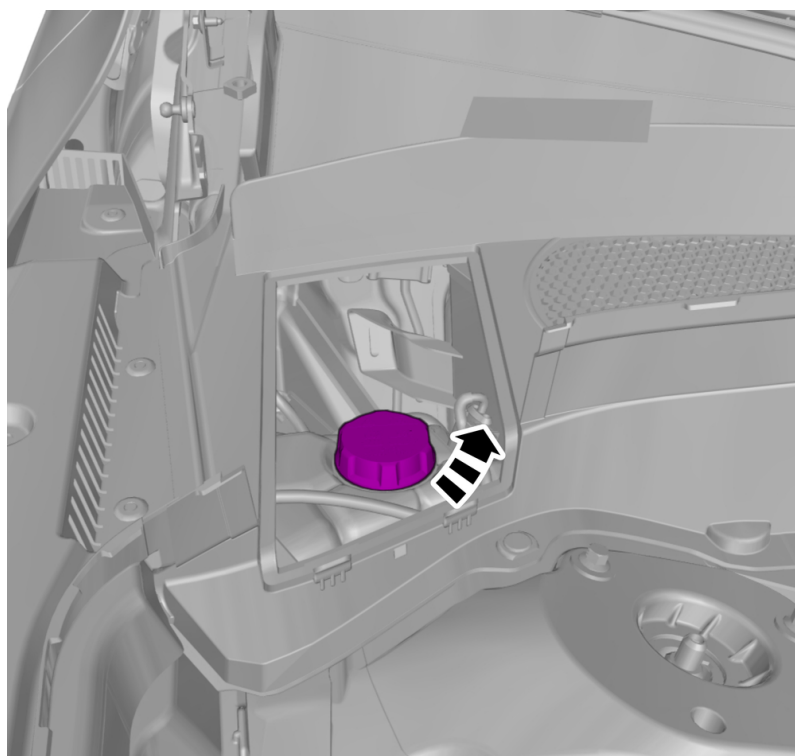
Remove the screw.
Fold marked part to one side.



Remove the screws.
Remove the marked part.

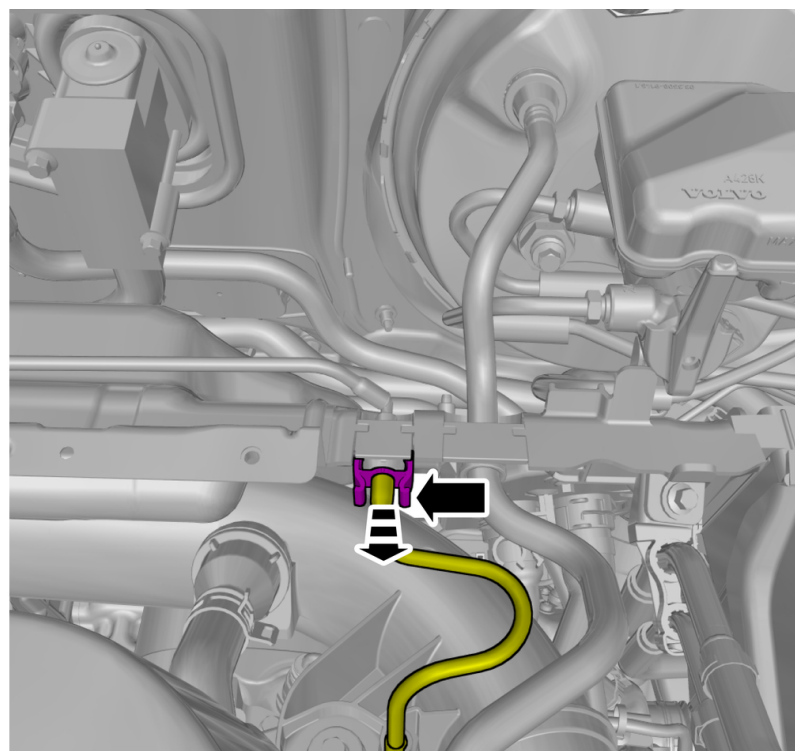
Torque:

M8 , 24 Nm



Warning! When releasing the cooling system pressure, cover the coolant expansion tank cap with a thick cloth.

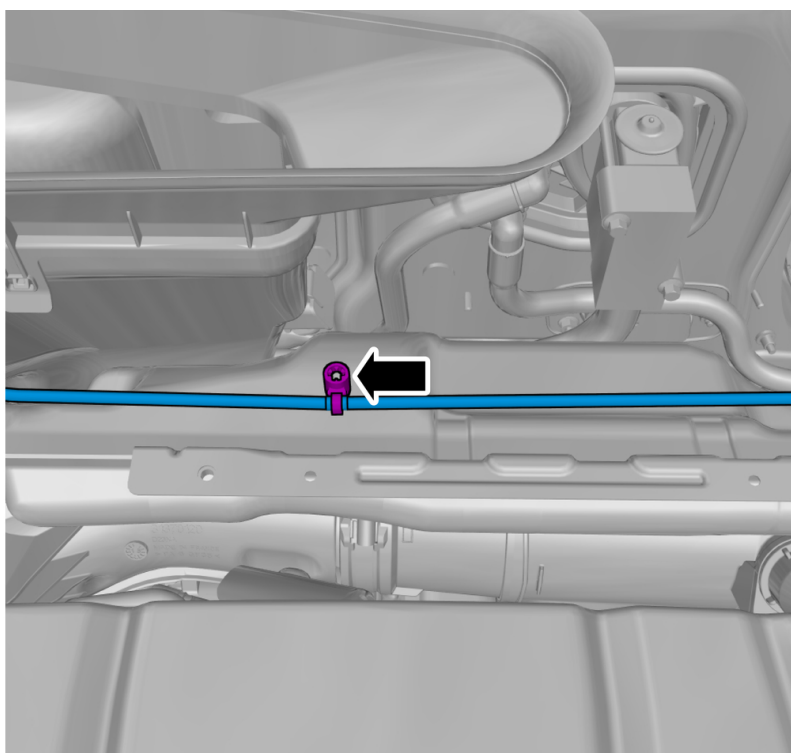
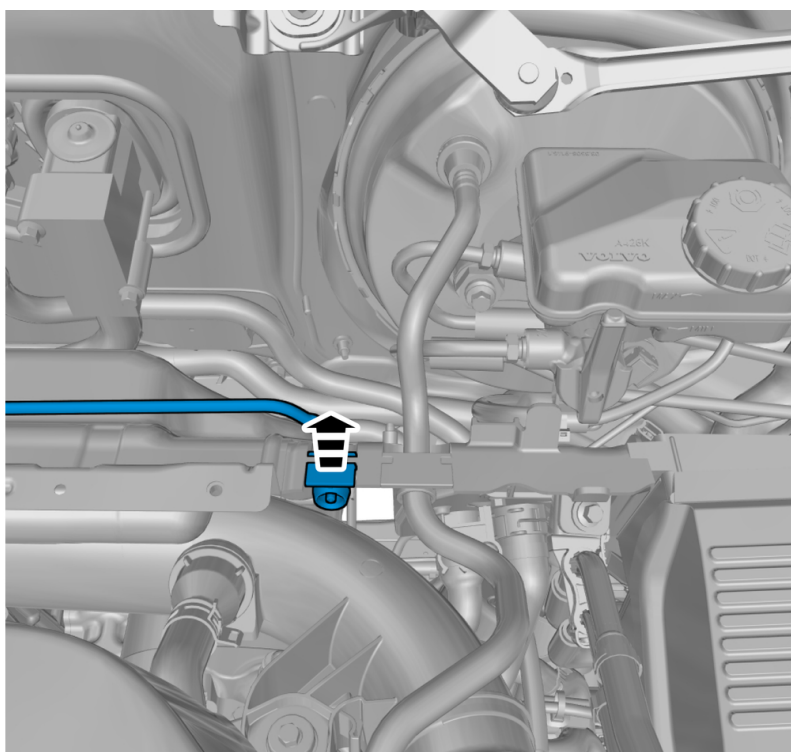
Remove the marked part.



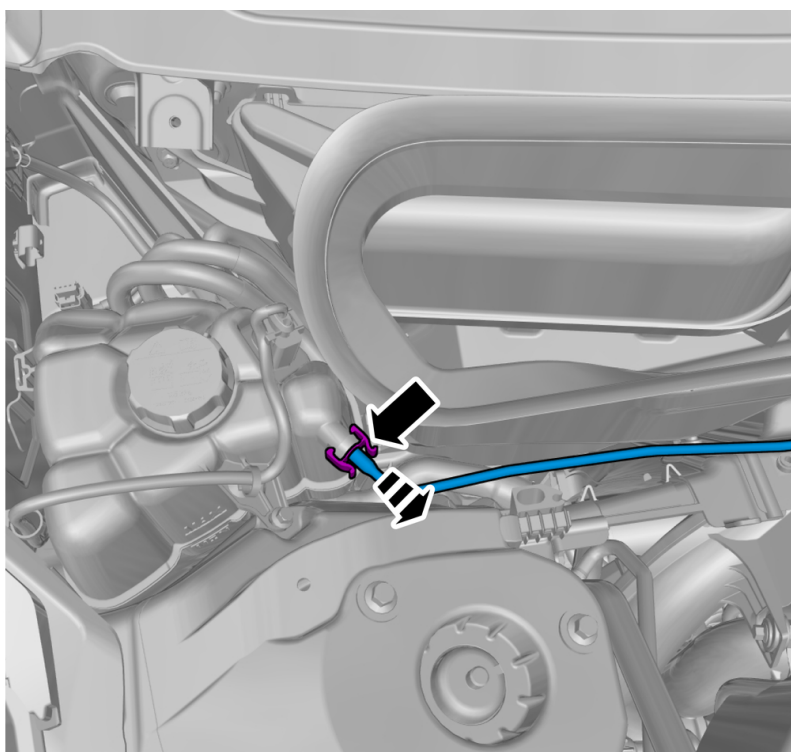
Warning! Be prepared to collect escaping fluid.

Release the locks.

Undo the hose from the connection.



Loosen the clip.
Remove the part carefully



Warning! Be prepared to collect escaping fluid.

Release the locks.

Undo the hose from the connection.

Installation

To install, reverse the removal procedure.



Parts Bulletin

TITLE:

**Service Campaign S29846: Coolant Expansion Tank Bleeder Hose
Model Year 2016 XC90**

GROUP:
26

CAT/NO:
S29846

REFERENCE BULLETINS:
QB S29846

CAR MARKET:
United States and Canada

COPY TO / CIRCULATIONS (PLEASE INITIAL):

ISSUE DATE:
2018-05-02

STATUS DATE:
2018-05-02

**GENERAL
MANAGER**

**PARTS
MANAGER**

**SERVICE
MANAGER**

**SALES
MANAGER**

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“Right first time in Time”

Reference Bulletins: QB S29846

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The following part number applies:

Part Number	Description	Qty
32252211	Bleeder hose	1