

<h1 style="margin: 0;">VOLVO</h1> <h2 style="margin: 0;">Service Manager Bulletin</h2>				TITLE: Recall 214: Engine Cooling Fan Module		GROUP: 26	NO: 214
				MODEL YEAR 2008 & 2009 S80, V70, XC70		ISSUING DEPARTMENT: Warranty	
REFERENCE BULLETINS: PB 26-214 RTJ 21201		CAR MARKET: United States, Canada					
		DATE: YEAR MONTH DAY 2009 06 08		Page 1 of 4			
Service Person- nel: read and initial.	SERVICE MANAGER			SERVICE WRITER	WARRANTY ADMINISTRATOR		

- A. **RECALL CAMPAIGN 214 DESCRIPTION**
- B. **VEHICLES INVOLVED**
- C. **PARTS INFORMATION/PARTS RETURN**
- D. **OWNER NOTIFICATION**
- E. **VEHICLES IN RETAILER INVENTORY**
- F. **RETAILER RESPONSIBILITY**
- G. **CAMPAIGN REIMBURSEMENT PROCEDURES**

A. RECALL CAMPAIGN 214 DESCRIPTION

Volvo Cars of North America, LLC and Volvo Cars of Canada Corp. (Volvo) have decided that a defect related to motor vehicle safety exists in certain model year 2008 & 2009 S80, V70 and XC70 vehicles. Volvo has found that under certain conditions the engine cooling fan may stop working due to a software programming error in the Fan Control Module (FCM). Depending on driving conditions, the customer may experience reduced air conditioning performance, and / or a rapid increase in engine coolant temperature. This situation may result in loss of cooling system function and engine break down. The driver may not have sufficient time to react to the warning light(s) or the text message in the instrument panel. Volvo considers this to be an unreasonable risk to motor vehicle safety.

The corrective action will be to upgrade the Fan Control Module (FCM) software by replacing the FCM.

Recall 214 affects 17,614 vehicles in the U.S. and 1,522 in Canada.

B. VEHICLES INVOLVED

NOTE: IF APPLICABLE, RETAILER MUST CONFIRM VEHICLE ELIGIBILITY PRIOR TO BEGINNING REPAIR FOR THIS CAMPAIGN.

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

"Fixed Right — First Time"

RETAILER VEHICLE CAMPAIGN LIST

A "Retailer Campaign List" will be posted on VRC² in the Reports Menu under the Service Tab. This list details all affected vehicles that are on record as being retailed or currently in stock at your facility, and is updated monthly.

C. PARTS INFORMATION / PARTS RETURN

Please refer to Parts Bulletin 26-214.

PARTS RETURN

Parts are not required to be returned for repairs done in accordance with this recall campaign.

D. OWNER NOTIFICATION

In late June, Volvo will begin mailing announcement letters directly to the owners of affected vehicles.

E. VEHICLES IN RETAILER INVENTORY

All vehicles in retailer's inventory and qualifying for this Recall Campaign should be repaired prior to a customer taking possession of the vehicle.

F. RETAILER RESPONSIBILITY

Retailers are to perform this campaign on eligible vehicles regardless of mileage/kilometers or vehicle age. The campaign work covered under Recall 214 is free of charge to the owner. If a customer presents a recall or service campaign letter for a vehicle that is not found via the VRC² inquiry function, please verify that the letter applies to the customer's vehicle and call the Warranty Assistance Desk at 1-800-807-7712 for instructions. If the Warranty Assistance Desk verifies that the vehicle qualifies for the Recall or Service Campaign, please perform the repair and place the recall or service campaign letter in the customer's file. Under no circumstances should a customer be denied the required service without a confirmation from VCNA/VCCC.

G. CAMPAIGN REIMBURSEMENT PROCEDURES (LONG FORM APPLICATION)

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

Claim Type: R29024
Failed Part Number: 31305106
Cause Code: 02
CSC Code: XW

Operation Number	Repair Description	Qty	Labor Time
26398	Replace Cooling Fan Module	1	0.2

SUBJECT Recall 214: Engine Cooling Fan Module Model Year 2008 & 2009 S80, V70, XC70				GROUP 26	NO 214		
				MARKET United States, Canada			PAGE 1 of 1
COPY TO / CIRCULATIONS (PLEASE INITIAL)							
GENERAL MGR	PARTS MGR	SERVICE MGR	SALES MGR	DATE	YEAR	MONTH	DAY
					2009	06	08

Reference Bulletins: **SMB 26-214**
RTJ 21201

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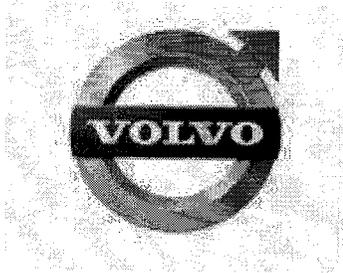
The following part numbers apply:

Part Number	Description	Qty
31205106	Control Unit	1

Note: This part number applies to this recall repair only and should not be used as a replacement part for non-recall repairs.

"Fixed Right — First Time"





Retailer Technical Journal 21201

Recall 214: Cooling fan control module, Replacement

Date 06-08-2009

Volvo Cars of North America, LLC
Technical Engineering

Reference: SMB 26-214, PB 26-214

Note! If using a printed copy of this Retailer Technical Journal, first check for the latest online version.

AFFECTED VEHICLES:

Model	Type	Model year	Chassis range
S80	124	2008 – 2009	072999 – 099920
V70	135	2008 – 2009	038190 – 092273
XC70	136	2008 – 2009	028521 – 060272

DESCRIPTION:

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MATERIALS:

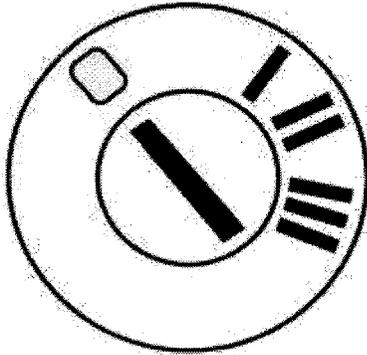
Description	Quantity	Part No.
Control module	1	31305106

SERVICE:

Update FCM software by replacing the FCM in accordance with the following instructions.

1.

Note! Some variation in the illustrations may occur, but the essential information is always correct.



General

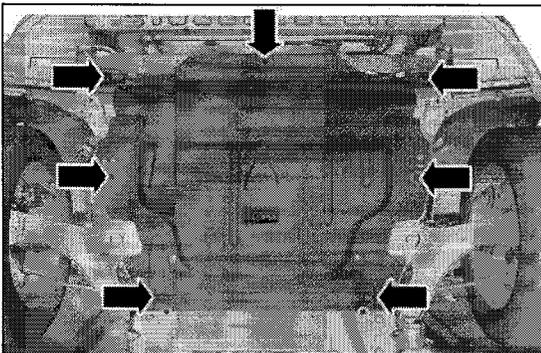
2.

Note! Even after engine is turned off, there is a risk of the fan starting while working.

Removal

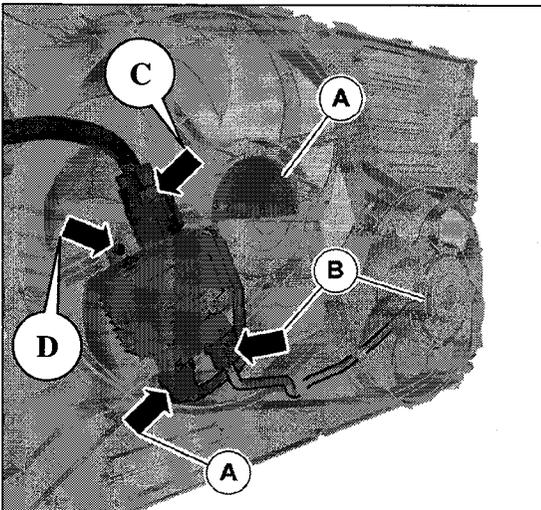
3. **Step 3 only valid for vehicles:** XC60, V70, XC70 and S80 with engine B6324S.

Remove splash pan.



4. Circled notes A & B show the fan harnesses and their respective fans. Disconnect the harnesses and hang them to one side.

Disconnect the fan control module connector at circled note C and remove screw at circled note D.



Installation

5. To install, reverse the removal procedure.

VOLVO for life,
Volvo Cars of North America, LLC
Technical Engineering