



Volvo Cars of North America, LLC

January, 2006

TO: ALL VOLVO RETAILERS – UNITED STATES and CANADA
RE: RECALL CAMPAIGN 150: BATTERY POSITIVE CABLE (6-CYLINDER ONLY)

In certain model year 2005-2006 S80 and XC90 vehicles (6 cylinder vehicles only) the B+ terminal on the starter motor may come in contact with the starter motor solenoid, which could lead to a short circuit of the battery cable. Should this occur, you may experience starting difficulties or loss of power. Loss of power in certain rare circumstances could result in a crash.

The corrective action will be to adjust the B+ terminal to increase the distance between terminal and the starter motor solenoid at no charge.

Recall Campaign 150 affects approximately:

10,259 vehicles in the U.S. and

465 vehicles in Canada.

Please check VRC2 for specific vehicle eligibility.

OWNER NOTIFICATION

Owner notification is scheduled for January 2006.

RETAILER RESPONSIBILITIES

- Retailers must perform this recall on eligible vehicles regardless of miles/kilometers or vehicle age.
- All work performed under this Recall Campaign is free of charge to the owner.
- In the event that a customer does not have a notification letter, the owner is not to be refused this important recall work.
- Your regional representative will follow up to ensure that this recall is proceeding smoothly.
- A complete description of the recall 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.
 - Service Manager Bulletin 37-150
 - TNN 37-150
 - Owner Notification Letter

WHAT THIS MEANS TO U.S. RETAILERS:

U.S. retailers cannot sell any vehicles that are affected by this recall in the U.S. unless they are properly corrected. Violation of this U.S. regulation could have significant civil penalties. You may want to check with your legal advisor about this matter.

Note: This legislation is not applicable to Canada.

Your cooperation in completing this important recall is greatly appreciated.

Drive Safely,

Volvo Cars of North America / LLC and Volvo Cars Canada, Ltd.

RECALL INVESTIGATION
JAN 10 2:42

VOLVO				TITLE:		GROUP:	NO:	
				RECALL 150		37	150	
Service Manager Bulletin				B+ Cable Check / Adjust		ISSUING DEPARTMENT: Warranty		
				REFERENCE BULLETINS: TNN# 37-150		CARMARKET: United States, Canada		
Service Person- nel: read and initial.	SERVICE MANAGER	SERVICE WRITER	WARRANTY ADMINISTRATOR	DATE:		YEAR	MONTH	DAY
				2006	01	13	Page 1 of 3	

BULLETIN REFERENCE

- A. RECALL CAMPAIGN 150 DESCRIPTION
- B. VEHICLES INVOLVED
- C. PARTS INFORMATION/PARTS RETURN
- D. OWNER NOTIFICATION
- E. VEHICLES IN RETAILER INVENTORY
- F. RETAILER RESPONSIBILITY
- G. CAMPAIGN REIMBURSEMENT PROCEDURES
- H. TECHNICIAN COMPETENCY REQUIREMENT
- I. RETAILER ALLOWANCE

A. RECALL CAMPAIGN 150 DESCRIPTION

In a certain few vehicles (MY2005-6, Volvo XC90 and S80) due to an error in the factory assembly instruction, the B+ terminal may be in conflict with the starter motor solenoid. If this occurs, the conflict between the B+ terminal and the starter motor solenoid may develop into a short circuit of the battery cable to ground.

The corrective action is to increase the distance between the B+ terminal and the starter motor solenoid, by adjusting the terminal.

This action is for the U.S (approximately 10,259 vehicles) and Canada (approximately 465 vehicles)

B. VEHICLES INVOLVED

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

"Fixed Right — First Time"





Vehicle eligibility should be confirmed:

Inquire via VEN or VRC² - Vehicle Warranty where the message "RECALL CAMPAIGN 150 INCOMPLETE" will appear for eligible vehicles.

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.

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. Vehicle eligibility must be confirmed via VRC² prior to performing this service campaign.

C. PARTS INFORMATION / PARTS RETURN

No parts are required for this Recall.

PARTS RETURN

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

D. OWNER NOTIFICATION

In early January, an announcement letter will be mailed directly to the owners of the 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 Campaign 150 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/VCCL.

G. CAMPAIGN REIMBURSEMENT PROCEDURES

All claims should be submitted using the SHORT FORM application.

H. TECHNICIAN COMPETENCY REQUIREMENT

The technician competency requirement for this campaign repair is: Level 1.

I. RETAILER ALLOWANCE (SHORT FORM APPLICATION)

Parts and labor reimbursement amounts are effective at time of release and may change in the future.

Claim Type	Repair Code	Repair Description	Labor Time
R35042	02	B+ Cable Check / Adjust	0.2

Tech-Net Notes

"Fixed Right – First Time"

Volvo Technicians, Service and Parts Managers

NO: 37-150
DATE: 11-17-2005
MODEL: S80, XC90
YEAR: 2005-2006
CHASSIS: 184 0390050-0427400
275 0134117-0218976
275 0224089-0229094

NOTE: RETAILER MUST CONFIRM VEHICLE ELIGIBILITY IN VRC2 PRIOR TO BEGINNING RECALL CAMPAIGN REPAIRS.

SUBJECT: Recall 37-150 B+ Cable Clearance Between the Cable and the Starter Motor Solenoid.
REFERENCE: VIDA

DESCRIPTION:

Volvo has determined that there is a potential for contact between the B+ cable on the starter motor and the starter motor solenoid.

Special Tool	Part No
Bone Tool	9814071

SERVICE:

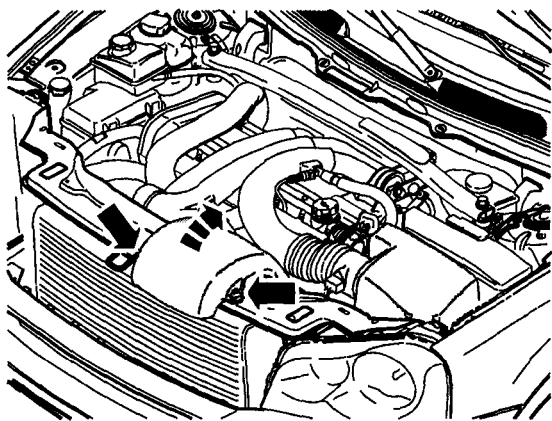
Follow the instructions for checking and adjusting the clearance between the B+ cable and

1.

Remove inlet pipe

Note! Only applies to XC90:

Remove the screws, 2 pcs., for the inlet pipe between the front plate and the air filter.
Remove the pipe.



IMG-233844

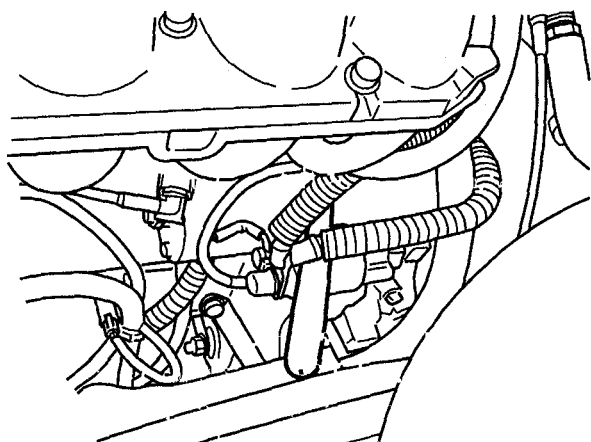
2.

Checking/adjusting B+ cable

Caution! Do not use any tools that conduct electricity.

Check with a Bone Tool 9814071 or similar. The distance between the B+ cable and the solenoid on the starter motor must be at least 4 mm.

If the distance is too small, pull the cable upward until the tool can be inserted easily.



IMG-233845

3.

Install inlet pipe

Note! Only applies to XC90:

Install the inlet pipe and screws, 2 pcs.
Tighten with 10 Nm.

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

Please circulate, read and initial: _____ Svc Mgr _____ Parts Mgr _____ Shop Foreman

_____ TECHS

_____ Warranty Administrator

_____ S. Advisors

IMPORTANT RECALL NOTICE

[Recall Campaign 150 B+ TERMINAL 2005-2006 S80 and XC90
SAMPLE OWNER NOTIFICATION LETTER
UNITED STATES]

January 2006

Dear Volvo Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

The reason for this campaign:

Volvo Cars of North America, LLC. (Volvo) has decided that a defect related to motor vehicle safety exists in certain model year 2005-2006 S80 and XC90 vehicles (6 cylinder vehicles only.) In some cases, the B+ terminal on the starter motor may come in contact with the starter motor solenoid, which could lead to a short circuit of the battery cable. Should this occur, you may experience starting difficulties or loss of power. Loss of power in certain rare circumstances could result in a crash

The corrective action will be to adjust the B+ terminal to increase the distance between terminal and the starter motor solenoid at no charge.

What you need to do:

Please call your authorized Volvo retailer as soon as possible to schedule an appointment. This procedure will be completed at no cost and will take approximately 30 minutes. Due to service scheduling, your Volvo retailer may require your vehicle for a longer period of time.

If you previously paid to have this corrective action performed, your authorized Volvo retailer will honor your receipt with a refund. Please contact the Service Department for details.

Please contact:

If you have any questions, please contact your Volvo retailer. If your retailer is unable to answer your questions, please contact Volvo Customer Care Center at 7 Volvo Drive, Rockleigh, NJ 07647 or phone 1-800-458-1552, Monday through Friday, 8:30 A.M. to 7:00 P.M. Eastern Time. You may also e-mail us at customercare@volvocars.com.

We have advised the National Highway Traffic Safety Administration (NHTSA) that we are conducting this recall. If you are unable to have this procedure performed without charge and within a reasonable period of time, or wish to submit a complaint to the NHTSA, you may call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street SW, Washington, DC 20590.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days. Lessor means a person or entity that is the owner, as reflected on the vehicle title, of any five or more leased vehicles.

Your safety and continued satisfaction with your Volvo and the Volvo organization are very important to us. We apologize for any inconvenience this may cause and we appreciate your cooperation in arranging to have this important service completed as quickly as possible.

Sincerely,

Eunice Stern
Manager, Customer Care

Please note: According to Insurance Institute for Highway Safety President Brian O’Neill, “It is very important that owners of vehicles in which safety-related problems have been identified take those vehicles back to dealerships as soon as they receive notice of a recall or service campaign. Such notices should not be ignored or taken lightly. There is just no reason to drive around in a vehicle with a safety-related defect.”