

June 2007

TO: ALL VOLVO RETAILERS
RE: SERVICE CAMPAIGN 179

Whenever servicing or replacing the battery in a 2005 XC90, it is important that the jack and, in particular, the jack crank handle be stored properly in the rear cargo area floor.

It is important not to place the jack crank handle under the battery cover or the metal retaining bracket as this could lead to contact with the battery cable. This type of contact can pose a safety risk and can result in a short circuit of the battery which could lead to a fire.

Volvo retailers will inspect the jack crank handle for proper placement and, if necessary, relocate the handle. In addition, a warning label will be applied on the battery retaining bracket for future reference.

Service Campaign 179 affects approximately 40,000 vehicles in the U.S. and 2,000 in Canada.

OWNER NOTIFICATION

Owner notification is scheduled to begin during the month of June.

RETAILER RESPONSIBILITIES

Retailers must perform this Recall Campaign 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 work. Your regional representative will follow up to ensure that this Recall Campaign is proceeding smoothly.

A complete description of the Recall 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.

- Service Manager Bulletin
- TNN

Your cooperation in completing this important Recall is greatly appreciated.

Drive Safely,

Volvo Cars of North America, LLC and Volvo Cars of Canada Corporation

<h1 style="margin: 0;">VOLVO</h1> <h2 style="margin: 0;">Service Manager Bulletin</h2>				TITLE:		GROUP:	NO:
				Service Campaign 179: Inspect Jack Crank Handle Position & Install Warning Label		89	179
Model Year 2005 - XC90		ISSUING DEPARTMENT:					
		REFERENCE BULLETINS: TNN# 89-179, PB# 89-179		Warranty			
				CARMARKET:			
				United States, Canada			
				DATE:			
				YEAR	MONTH	DAY	
				2007	06	15	
				Page 1 of 3			
Service Personnel: read and initial.	SERVICE MANAGER			SERVICE WRITER	WARRANTY ADMINISTRATOR		

BULLETIN REFERENCE

- A. SERVICE CAMPAIGN 179 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. SERVICE CAMPAIGN 179 DESCRIPTION

Whenever servicing or replacing the battery in a 2005 XC90, it is important that the jack and, in particular, the jack crank handle be stored properly in the rear cargo area floor.

It is important not to place the jack crank handle under the battery cover or the metal retaining bracket as this could lead to contact with the battery cable. This type of contact can pose a safety risk and can result in a short circuit of the battery which could lead to a fire.

Volvo retailers will inspect the jack crank handle for proper placement and, if necessary, relocate the handle. In addition, a warning label will be applied on the battery retaining bracket for future reference.

Service Campaign 179 affects approximately 40,000 vehicles in the U.S. and 2,000 in Canada.

PLEASE NOTE: This Service Campaign will be in effect until **NOV 31, 2009** regardless of mileage. Coverage is automatically transferred to subsequent owners.

"Fixed Right — First Time"



B. VEHICLES INVOLVED

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

Vehicle eligibility should be confirmed:

- Inquire in VRC² - Vehicle Warranty where the message "SERVICE CAMPAIGN 179 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

Part# 31202293 Warning Label.
Refer to Parts Bulletin# 89-179.

PARTS RETURN

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

D. OWNER NOTIFICATION

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

E. VEHICLES IN RETAILER INVENTORY

All vehicles in retailer's inventory and qualifying for this Service 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 Service Campaign 179 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

Service Campaigns 179 claims should be submitted using the SHORT FORM application only.

H. TECHNICIAN COMPETENCY REQUIREMENT

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

I. RETAILER ALLOWANCE (SHORT FORM APPLICATION)

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

<u>Campaign Number</u>	<u>Claim Type</u>	<u>Repair Code</u>	<u>Repair Description</u>	<u>Labor Time</u>
179	S87043	02	Inspect Jack Handle & install Label	0.1

Tech-Net Notes

“Fixed Right – First Time”

Volvo Technicians, Service and Parts Managers

NO: 89-179
DATE: 06-15-2007
MODEL: XC90
M. YEAR: 2005
CHASSIS: 134088 – 219016

NOTE: NOT ALL VEHICLES WITHIN THE CHASSIS LIMITATIONS ABOVE ARE AFFECTED. RETAILER MUST CONFIRM VEHICLE ELIGIBILITY IN VRC² PRIOR TO BEGINNING SERVICE REPAIRS.

SUBJECT: Service Campaign 179: Jack Crank Warning Label
REFERENCE: VIDA, Service Manager Bulletin 89-179, Parts Bulletin 89-179

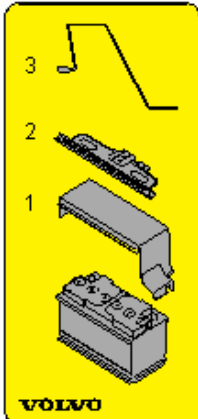
DESCRIPTION:

Whenever servicing or replacing the battery in a MY2005 XC90, it is important that the jack and, in particular, the jack crank handle be stored properly in the rear cargo area floor. It is important not to place the jack crank handle under the battery cover or the metal retaining bracket as this could lead to contact with the battery cable. This type of contact can pose a safety risk and can result in a short circuit of the battery which could then lead to a fire.

SERVICE:

Inspect the jack crank handle for proper placement and, if necessary, relocate the handle. In addition, apply a warning label on the battery retaining bracket for future reference. Follow the instructions below.

Material	Quantity	Part No.
Label, jack USA/Canada	1	31202293



Warning!

Reinstall components in the order shown in the illustration. Make sure that the jack crank handle is not placed under the battery cover or the retaining bracket when reinstalling. Failure to follow this instruction may result in a short circuit or fire.

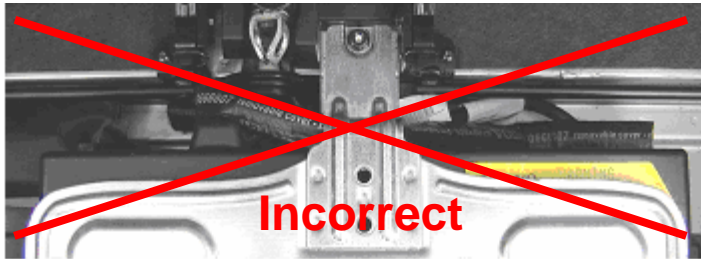
Attention!

Réinstallez les composants dans l'ordre indiqué sur l'illustration. Veillez à ne pas placer la manivelle du cric sous le couvercle de la batterie ou la patte de fixation lors de l'opération. Le non-respect de ces instructions risque de causer un court-circuit ou un incendie.

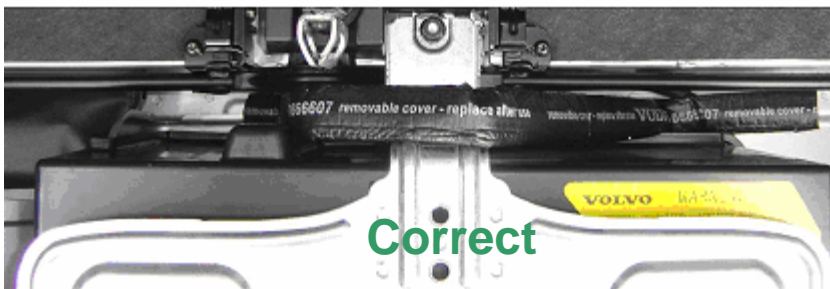
31202293

1. **Checking the location of the jack crank handle**

Open the trunk and fold up the rear floor hatch.

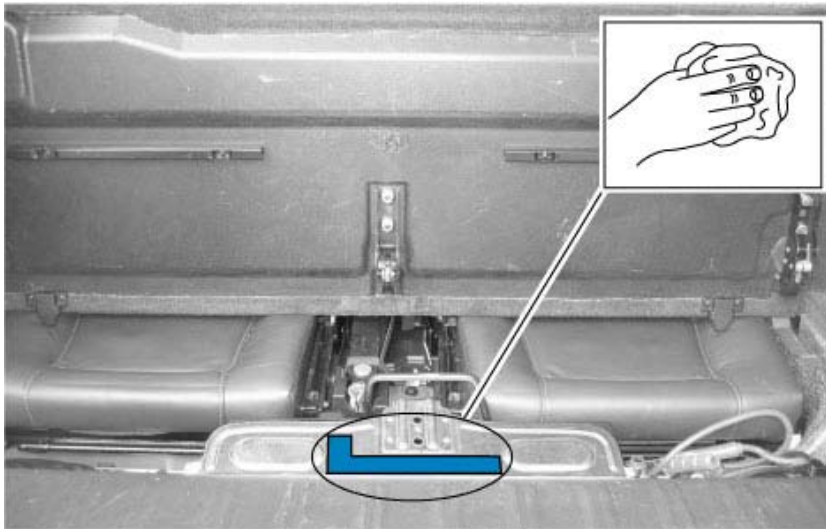


Inspect the jack crank handle for proper placement. Ensure that the jack crank handle is **not** placed under the battery cover or the metal retaining bracket.



Failure to follow these instructions may result in a short circuit of the battery which could then lead to a fire.

2.



Application of warning label

Clean the area where the warning label is to be applied using isopropanol.

Wipe clean and dry using a lint free cloth.

Apply the warning label to the marked surface.

Press out the label to remove any air bubbles.

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

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

_____ TECHS

_____ Shop Foreman _____ Warranty Administrator

SUBJECT Service Campaign 179 - XC90 Jack Crank Handle Warning Label MY 2005				GROUP 89		NO 179	
				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
					2007	06	15

Reference Bulletin SMB 89-179, TNN 89-179

Volvo Cars of North America, LLC and Volvo Cars of Canada Corp. have announced a Service Campaign affecting 2005 model year Volvo XC90 vehicles.

It is important not to place the jack crank handle under the battery cover or the metal retaining bracket as this could lead to contact with the battery cable. This type of contact can pose a safety risk and can result in a short circuit of the battery which could then lead to a fire.

Volvo retailers will inspect the jack crank handle for proper placement and, if necessary, relocate the handle. In addition, a warning label will be applied on the battery retaining bracket for future reference.

Approximately 40,000 vehicles in the US and 2000 vehicles in Canada are affected.

The following part numbers apply:

Part Number	Description	Qty
31202293	Jack Crank Handle Warning Label	1

An allocation of the affected vehicles will begin starting the week of June 18th.

"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.

Note - This Service Campaign will be in effect until November 30, 2009 regardless of mileage. Coverage is automatically transferred to subsequent owners.



IMPORTANT CAMPAIGN NOTICE

[CAMPAIGN 179: 2005 XC90 JACK CRANK WARNING LABEL
SAMPLE OWNER NOTIFICATION LETTER
UNITED STATES]

June 2007

Dear Volvo Owner:

Your safety and satisfaction with your Volvo and the Volvo organization are very important to us and we are committed to ongoing improvement of our products and methods

Reason for this campaign:

Whenever servicing or replacing the battery in your 2005 XC90, it is important that the jack and, in particular, the jack crank handle be stored properly in the rear cargo area floor.

It is important not to place the jack crank handle under the battery cover or the metal retaining bracket as this could lead to contact with the battery cable. This type of contact can pose a safety risk and can result in a short circuit of the battery which could then lead to a fire.

Your Volvo retailer will inspect the jack crank handle for proper placement and, if necessary, relocate the handle. In addition, a warning label will be applied on the battery retaining bracket for future reference.

This will be performed at no charge.

What you should do:

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

Please contact:

If you have any questions, please contact your Volvo retailer. If your retailer is unable to answer your questions, please contact the Volvo Customer Care at 1 Volvo Drive, Rockleigh, New Jersey 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@volvoforlife.com.

We sincerely apologize for any inconvenience this action may cause you, but we trust you will appreciate our efforts to continually safeguard the quality and safety associated with our products.

Sincerely,

Rich Buchheit
Manager, Customer Care