

<h1 style="margin: 0;">VOLVO</h1> <h2 style="margin: 0;">Service Manager Bulletin</h2>				TITLE:		GROUP:	NO:
				Recall 231: Garmin nüvi® 760 Portable GPS		39	231
		ISSUING DEPARTMENT:					
		Warranty					
		CARMARKET:					
		United States, Canada					
		REFERENCE BULLETINS:					
		RTJ 23787					
		DATE:					
		YEAR	MONTH	DAY			
		2010	11	08			
		Page 1 of 2					
Service Person- nel: read and initial.	SERVICE MANAGER	SERVICE WRITER	WARRANTY ADMINISTRATOR				

This bulletin applies to: S80 MY2000-2010, S60 MY2001-2010, V70 MY2001-2010, XC70 MY2001-2010, XC90 MY 2003-2010, S40 MY2004-2010, V50 2005 - 2010, C30 MY2007-2010 or C70 MY 2006-2010

- A. RECALL 231 DESCRIPTION**
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A. RECALL CAMPAIGN 231 DESCRIPTION

Garmin has decided that a defect which relates to motor vehicle safety exists in certain specific nüvi® 760 portable GPS units. Customers may have purchased a Volvo S80 MY2000-2010, S60 MY2001-2009, V70 MY2000-2010, XC70 MY2001-2010, XC90 MY 2003-2010, S40/V50 MY2004-2010, C30 MY2007-2010 or C70 MY 2006-2010 equipped with a Garmin nüvi® 760 unit that is potentially affected by this recall, or purchased a Garmin nüvi® 760 unit directly from a Volvo retailer.

Garmin has identified potential overheating issues when certain batteries manufactured within a limited date code range are used in certain Garmin nüvi® 760 models with a specific printed circuit board (PCB) design. It appears that the interaction of these factors can, in rare circumstances, increase the possibility of overheating, which may lead to a fire.

Volvo is contacting potentially affected vehicle owners and requesting that they visit the Garmin website to identify if their unit is affected. Retailers should check their vehicle and parts inventory for these Garmin nüvi® 760 units and visit the Garmin website below for instructions. The Garmin nüvi® 760 GPS units were sold under Volvo Part# 31260658 & 31285203.

"Fixed Right — First Time"



Customers should stop using their Garmin portable GPS device immediately, and visit the Garmin website below to determine if their unit is affected. Vehicle owners should not visit a Volvo retailer for this Garmin recall repair.

www.garmin.com/nuvibatterypcbrecall

If a vehicle owner does not have access to the web site, please have them call Garmin at 866-957-1981 to determine if the GPS unit is affected and receive instructions on how to have it repaired.

B. VEHICLES INVOLVED

Vehicles will not be marked eligible for this recall in DCS Inquiry.

Vehicle owners should visit the Garmin website to determine if their unit is eligible for this Garmin recall. Vehicle owners should not visit a Volvo retailer for this Garmin recall.

C. PARTS INFORMATION / PARTS RETURN

No Volvo parts are required for this recall.

D. OWNER NOTIFICATION

Volvo will send a customer notification letter to eligible vehicle owners in November. This notification will instruct vehicle owners to visit the Garmin website for instructions.

Please display the attached Product Safety Recall Notice in the Retailer Package at the Service and Parts counters.

E. VEHICLES IN RETAILER INVENTORY

All vehicles in retailer inventory and qualifying for this recall must be repaired prior to a customer taking possession of the vehicle.

F. RETAILER RESPONSIBILITY

The sale or lease of defective or non-compliant motor vehicles or equipment is prohibited. Vehicles in retailer inventory must be remedied prior to sale.

G. CAMPAIGN REIMBURSEMENT PROCEDURES (LONG FORM APPLICATION)

Vehicles will not be marked eligible for this recall in DCS Inquiry.

The claim instructions below are only for retailers that have Garmin nüvi® 760 models in stock, or for a customer that insists on having the Volvo retailer perform this recall.

The Garmin nüvi® 760 serial number will need to be entered in the claim text field.

Claim type: R39153
Cause Code: 02
CSC Code: XW
Main OP: 39791

<u>Operation Number</u>	<u>Repair Description</u>	<u>Qty</u>	<u>Time</u>
39791	Navigation System Portable Check and Ship to Garmin	1	0.2



TIE - Technical Journal

Title Recall 231: Portable Garmin nüvi® navigation battery**Ref No** US23787.1.1 en-US**Issuer** -**Partner** 3 US 7510 Volvo Cars North America**Func Group** 3970 **Func Desc** mobile data services**Status** Released**Status Date** 2010-11-08**Issue Date** 2010-10-29**Reference** SMB 39-231**Attachment**

File Name	File Size
Recall 231instruction.pdf	0.1249 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
124							2007 -2011		-	0 -0
135							2008 -2010		-	0 -0
136							2008 -2011		-	0 -0
156							2010 -2011		-	0 -0
184							2000 -2006		-	0 -0
275							2003 -2011		-	0 -0
285							2001 -2008		-	0 -0
286							2001 -2007		-	0 -0
384							2001 -2009		-	0 -0
533							2007 -2011		-	0 -0
542							2006 -2011		-	0 -0
544							2004 -2011		-	0 -0
545							2004 -2011		-	0 -0

CSC

Code	Description
7N	Navigation/Other navigation problems

DTC**Text**

CSC= Customer symptom code

If using a printed copy of this document, always check for the latest online version.**DESCRIPTION:**

Garmin has identified potential overheating issues when certain batteries manufactured within a limited date code range are used in certain Garmin nüvi® 760 models with a specific printed circuit board (PCB) design. It appears that the interaction of these factors can, in rare circumstances, increase the possibility of overheating, which may lead to a fire.

Volvo is contacting potentially affected vehicle owners and requesting that they visit the Garmin website to identify if their unit

is affected.

SERVICE:

Volvo retailers are only required to perform the instructions in the attachment *recall 231 instruction.pdf* on:

- Portable Garmin nüvi® navigation units in retail parts stock
- Portable Garmin nüvi® navigation units installed in retailer stocked vehicles.

NOTE: Customers owning retailer installed units have been instructed to go directly to the Garmin website

<http://www.garmin.com/nuvibatterypcbrecall>. or call Garmin directly at 866-957-1981.

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Volvo Cars of North America	
TJ attachment	
TJ No 23787	
Date November 8, 2010 Issue 01	
Title	Recall 231 instruction

Affected Vehicles

Year	Model
2007-2011	C30
2006-2011	C70 (06-)
2004-2011	S40 (04-)
2001-2009	S60 (-09)
2000-2006	S80 (-06)
2007-2011	S80 (07-)
2004-2011	V50
2001-2008	V70 (00-08)
2008-2010	V70 (08-)
2009-2011	XC60
2001-2007	XC70 (-07)
2008-2011	XC70 (08-)
2003-2011	XC90

Removal

1.



If installed, remove the portable Garmin nūvi® navigation from the vehicle.

Note! Follow the manual provided with the Garmin device for removal.

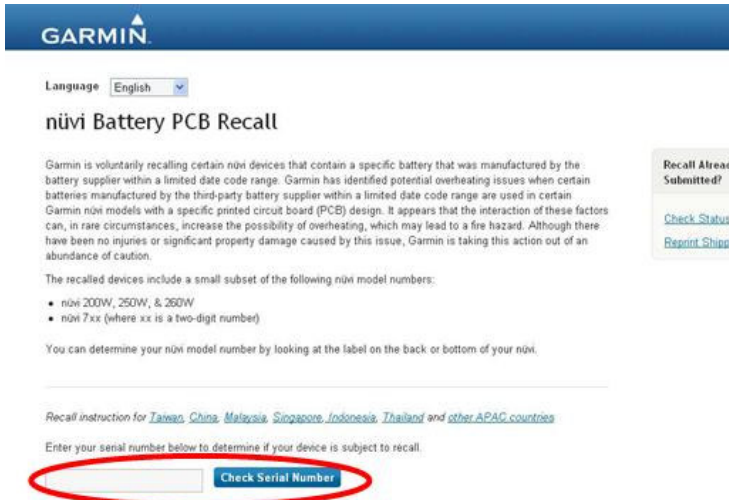
2.



Locate the serial number of the portable Garmin nüvi® navigation.

Note! The serial number contains 8 or 9 digits without spaces or dashes.

3.



Visit the Garmin website: <http://www.garmin.com/nuvibatterypcbrecall>.

Enter the serial number and click "Check Serial Number".

- if the website displays "Your device has not been recalled", no further action is needed.
- if the website displays "Your device has been recalled", follow the onscreen instructions for shipping the device for repair.

Caution! Do not attempt to service or repair the Garmin device, all service and repair must be performed by a Garmin authorized service provider.