



Technical Journal

TITLE:
Replace MMS with IMS

REF NO: TJ 31847.1.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2016-11-03	STATUS DATE: 2016-11-07
FUNC GROUP: 3662	FUNC DESC: Burglar alarm equipment	Page 1 of 5	

“Right first time in Time”

Attachment

File Name	File Size
TJ InstructionT9388 EN 805089.doc	0.1889 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
275							2007-2011		0328000-0608100	200620-201119

CSC Customer Symptom Codes

Code	Description
KH	Alarm/False alarm
XM	Alarm/Other alarm problems

VST Operation Number

VST Operation Number	Description
98638-2	Movement sensor MMS acc. to TJ31847

DTC Diagnostic Trouble Codes

Text

**DESCRIPTION:**

The front MMS (MMS2) is no longer available as spare part. The vehicle can be adapted to use an IMS instead.

MMS =Mass Movement Sensor, (microwave technology)

IMS = Interior Motion Sensor, (ultrasonic technology)

SERVICE:

Follow the attached instruction how to replace the MMS with an IMS.

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area "Vehicle Report" and sub concern area "Support not needed", use function group 3662.

To view TJ attachment continue to next page. This TJ has one attachment.



Volvo Car Customer Service

TJ Instruction T9388

Title	Intrusion sensor	Page:	1 (3)
Action	Modification	Operation number:	98638-2

Issue	Date	Reason
1	2016-10	First issue

Affected vehicles

Year	Model	Engine	Transmission	Steering	Chassis number
2007-2011	XC90				

Materials

Materials	Qty.	Part number	Notes
Sensor		31419001	
Adapter cable		31667555	
Cap, IMS		39814110	Interior code: CXXX.
Cap, IMS		39814555	Interior code: CX1X, CH2X, CF0L, CH7L.
Headlining (With roof hatch)		39814552	Interior code: CX0X, CX5X, CX7X, CXSX, CXQX
Headlining (With roof hatch)		39814553	Interior code: CX2X, CX10
Headlining (Without roof hatch)		39814550	Interior code: CX0X, CX5X, CX7X, CXSX, CXQX
Headlining (Without roof hatch)		39814551	Interior code: CX2X, CX10
Software		31667554	

Removal

1.

Remove headlining refer to:

Removal, replacement and installation

Body and interior

Interior

Other upholstery

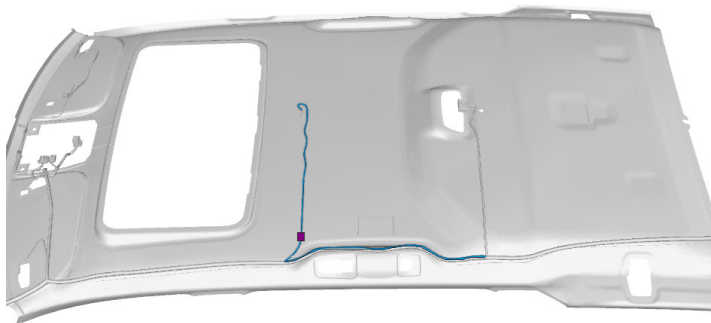
Installation

2.

Route the cable to rear sensor and connect the adapter cable

Attached the cable with melting adhesive

Note! Use a new headlining



3.

Install the sensor according:

Removal, replacement and Installation

Electrical system

Other electrical equipment

Automatic monitoring/Rear intrusion sensor
(VCC-426517-1)

To install, reverse the removal procedure.

Download software 31667554