

**Title** Water in tail lamp - bulb socket seal  
**Ref No** US20235.1.3 en-GB  
**Issuer** -  
**Partner** 3 US 7510 Volvo Cars North America  
**Func Group** 3539  
**Func Desc** miscellaneous

**Status** Released  
**Status Date** 2012-05-23  
**Issue Date** 2012-05-23  
**Reference**

**Attachment**

File Name	File Size
RTJ 20235 - Water in Tail lamp, Bulb Socket Seal.pdf	0.0709 MB

**Vehicle Type**

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis Range	Struc Week Range
275							2007-2009	21	0328000-0496962	200620-200822

**CSC** Customer Symptom Codes

Code	Description
9H	Tail light/Moisture/mist on inside of lens

**DTC** Diagnostic Trouble Codes

**Text**

**NOTE! THIS DOCUMENT SUPERSEDES THE PREVIOUS RETAILER TECHNICAL JOURNAL 20235 - Water in Tail Lamp, Bulb Socket Seal, DATED 07-30-2009. The operation time for operation number 99612-2 - Cable Harness Tail Lamp Replace has been updated. PLEASE UPDATE YOUR FILES.**

DESCRIPTION: Customers may comment about water/discoloration/moisture in the tail lamp. Water may leak in from the bulb socket back seal. In some cases tail lamp housing replacement is necessary.

SERVICE: See the attachment: RTJ 20235 - Water In Tail Lamp.pdf

**To view TJ attachment continue to next page:**



# Retailer Technical Journal 20235

## Water in Tail Lamp, Bulb Socket Seal

Date 10-22-2009

Volvo Cars of North America, LLC  
Technical Engineering

Reference: VIDA

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

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### AFFECTED VEHICLES:

Model	Type	Model year	Chassis range
XC90	275	2007 - 2009	328000 - 496962

**DESCRIPTION:** Customer may comment about water/discoloration/moisture in the tail lamp. Water may leak in from bulb socket back seal. In some cases the tail lamp housing replacement is necessary.

**SERVICE:** With a hose: Verify the water is not entering the area from the outside. If the water is from the outside replace the lamp assembly.

If the water is **NOT** entering from the outside, replace the harness only. See the following for the harness replacement method.



Remove the tail lamp and inspect the bulb holder to ensure the harness alone will repair.

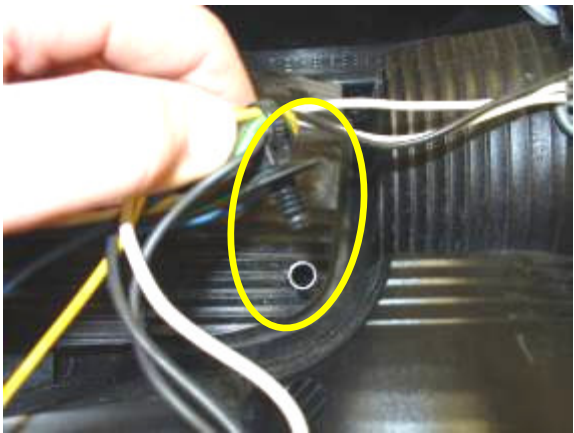
Note the open seam of the bulb holder this is the source of the water intrusion.

For Tail lamp removal see VIDA:

- Repair
- Removal, replacement and installation
- 3 Electrical system
- 35 Lighting
- Bulb tail lamp/stop lamp/ back-up lamp/fog lamp, replacing



Harness only. Be sure to align the lamps to their correct position. Use the original harness and/or VIDA for reference.



Be sure to reinstall the clip holding the harness to the lamp assembly.

After harness/tail lamp replacement, water test the lamp and verify the leak has been corrected.

<b>WARRANTY CLAIM INFORMATION</b>		
<b>LABOR OP</b>	<b>LABOR DESCRIPTION</b>	<b>LABOR TIME</b>
99612-2	Cable Harness Tail Lamp Replace, XC90 2007 -	0.5 hrs
35322-2	Tail light lower 1 side remove-install replace	See VSTG
Claims may be submitted under the new car warranty when there is a documented customer complaint using claim type: 01		

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Technical Engineering