



# Technical Journal

TITLE:  
**Headlamp condensation inside lens - information/leak test**

<b>REF NO:</b> TJ 34521.4.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA		<b>ISSUE DATE:</b> 2020-03-11	<b>STATUS DATE:</b> 2020-04-24
<b>FUNC GROUP:</b> 3521	<b>FUNC DESC:</b> Headlamp, complete	Page 1 of 2	

“Right first time in Time”

## Attachment

## Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224							2019-9999		0000001-0999999	201835-209952
225							2019-9999		0000001-0999999	201817-209952
227							2019-9999		0000001-0999999	201846-209952
234							2017-2017		0000001-0999999	201617-209952
235							2017-9999		0000001-0999999	201624-209952
236							2017-9999		0000001-0999999	201646-209952
238							2018-9999		0000001-0999999	201646-209952
246							2018-9999		0000001-0999999	201717-209952
256							2016-9999		0000001-0999999	201505-209952
536							2019-9999		0000001-0999999	201746-209952

## CSC Customer Symptom Codes

Code	Description
W4	Headlights/Moisture/mist on inside of lens



## VST Operation Number

VST Operation Number	Description
35208-2	Removal, replacement and installation x2
35257-2	Headlamp, leak test
35203-2	Removal, replacement and installation x1

## DTC Diagnostic Trouble Codes

Rows beginning with \* are modified

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

## Text

### DESCRIPTION:

If there is condensation, moisture or mist inside the headlamp lens, follow advice under Service.

### SERVICE:

Note that normal condensation will not be solved by replacing the headlamp. The headlamps are designed to withstand moisture and the functionality of the lamp is not affected by condensation. To avoid or eliminate moisture in the headlamps, use the car regularly. The car also needs to be used for longer period of time with low beam on.

(For more general information on condensation in lamps, search for VCC-id, VCC-508662-1 in VIDA.)

If the condensation/moisture/mist does not disappear despite driving the car for a longer period, see below steps.

- Check the headlamp assembly, lens, seals and ventilation holes/membrane for cracks or damages.

\*- Perform a leak test according to repair in VIDA, Information=> Repair => Cleaning, inspection and adjustment => 3 Electrical system => 35 Lighting => 352 lighting, front => Headlamp leak test

- If the result is not ok (air leak), it is ok to replace the headlamp. Add leak test result in the “repair order text” field, add video/photos of the symptom and the possible leakage location in Vehicle report.

- If the test is ok (no air leak), then is it not ok to replace the headlamp. Add leak test result in the “repair order text” field.

Submit a Vehicle report add leak test result in the “repair order text” field , video/photos of the symptom and the possible leakage location.

### Warranty claim info:

To get warranty claim accepted for the leak test job described in this TJ, please use following data:

VST OP number: 35257-2. Add the test result and the Vehicle report number in “repair order text” field.

### 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 3521.