



Technical Journal

TITLE:
Headlamp condensation inside lens - information/leak test

REF NO: TJ 34521.3.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2020-03-05	STATUS DATE: 2020-03-11
FUNC GROUP: 3521	FUNC DESC: 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
2XX							2016-9999		0000001-9999999	201505-999952
536							2019-9999		0000001-9999999	201746-999952

CSC Customer Symptom Codes

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

VST Operation Number

VST Operation Number	Description
35257-2	Headlamp leak test

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=> Product specification => Function => 3 Electrical system => 35 Lighting => 352 lighting, front => Headlamps (mechanical info)

- 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.