



Technical Journal

TITLE:

Moisture in headlamp, leak test

REF NO:
TJ 17076.11.0

ISSUING DEPARTMENT:
Technical Service

CAR MARKET:
United States and Canada

PARTNER:
3 US 7510 Volvo Car USA

ISSUE DATE:
2019-01-09

STATUS DATE:
2019-01-16

FUNC GROUP:
3521

FUNC DESC:
Headlamp, complete

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“Right first time in Time”

Attachment

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
134							2011-9999		0000001-0999999	201020-999952
137							2016-9999		0000001-0999999	201524-999952
138							2014-9999		0000156-9999999	201345-999952
155							2011-9999		0001147-9999999	201035-999952
156							2010-9999		0000001-9999999	200720-999952
157							2015-9999		0000001-0999999	201450-999952
224							2019-9999		0000001-9999999	201835-999952
225							2019-9999		0000001-0999999	201817-999952
234							2017-9999		0000001-0999999	201617-999952
235							2017-9999		0000001-9999999	201620-999952
236							2017-9999		0000001-9999999	201646-999952
238							2018-9999		0000001-0999999	201646-999952
238							2018-9999		0000001-9999999	201646-999952
256							2016-9999		0000001-0999999	201505-999952
536							2019-9999		0000001-0999999	201746-999952



CSC Customer Symptom Codes

Code	Description
W4	Headlights/Moisture/mist on inside of lens
WG	Headlights/Lens broken/chipped/cracked/distorted

VST Operation Number

VST Operation Number	Description
98402-2	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:

The headlamp assembly may have condensation caused by moisture inside of lens. It appears when there is a large difference in temperature and humidity between the inside and outside.

SERVICE:

Perform a visual check of the headlamp assembly to evaluate if the condensation is normal or not: Check the housing, lens, seals and ventilation holes for damage. If damage is found replace the headlamp. To clear normal condensation from the headlamp:

*Information regarding condensation in headlamps has been updated in VIDA. Information - Product specifications - Function - 3 Electrical system - 352 lightning, front - Headlamps (mechanical info).

Remove the service lid (not applicable on LED headlamp) on the headlamp housing and switch the headlamp low beam on for 30 minutes. Secure battery charging either by having the engine running or by connecting a battery charger. Or If a road test is possible: Switch the headlamp low beam on and road test the vehicle for at least 10 up to 30 minutes

If the condensation does not clear and water drops remain, perform the headlamp leak test according to VIDA.

*For SPA, CMA and future car models the leak test is in VIDA. Information - Repair - Cleaning, Inspection and Adjustment - 3 Electrical system - 35 Light - 352 light, front - Headlamp leak test.

*If a leakage is found send in a vehicle report with support not needed with the leakage result and photos of the leak location.

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.