

Technical Journal

TITLE:

Headlamp condensation inside lens - information/leaktest

REF NO: TJ 35844.1.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7515		ISSUE DATE: 2021-09-09	STATUS DATE: 2021-09-22
FUNC GROUP: 3521	FUNC DESC: Headlamp, complete	Page 1 of 2	

DESCRIPTION:

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

CSC Customer Symptom Codes

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

DTC Diagnostic Trouble Codes**Vehicle Type**

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
534							2021-2099		0000001-0099999	202007-209952

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

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- 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 the headlamp shall not be replaced.
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 and if applicable 35203-2 or 35208-2 Add the test result and the Vehicle report number in “repair order text” field

35208 = 1.6

35203 = .9

35257 = .2