

## Technical Journal

TITLE:

**Headlamp condensation inside lens - information/leaktest**

<b>REF NO:</b> TJ 35844.3.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7515 Polestar		<b>ISSUE DATE:</b> 2025-02-19	<b>STATUS DATE:</b> 2025-02-26
<b>FUNC GROUP:</b> 3521	<b>FUNC DESC:</b> Headlamp, complete	<b>Page 1 of 2</b>	

Rows beginning with \* are modified

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

### DESCRIPTION:

\*Updated under Vehicle Type

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
359							2025-2099		0000001-0999999	202402-209952
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.)

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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 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

## 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

## LABOR TIME:

Labor time subject to change without notice.

## VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area “Vehicle Report Polestar” and sub concern area “Support not needed Polestar”, use function group 3521.