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## Headlamps/front fog lamps leaking or fogged

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Topic number	LI82.10-P-050139
Version	4
Design group	82.10 Exterior lights
Date	11-19-2013
Validity	All vehicles
Reason for change	New model series

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### Complaint:

Headlamps/front fog lamps leaking or fogged

### Cause:

Fogging of the headlamp is a natural phenomenon which can occur under certain climatic conditions.

It does not lead to any technical impairment of the headlamp.

### Remedy:

#### Remedy 1:

A faulty headlamp can be identified as follows:

1. Check headlamps for external damage and also check for correct seating/locking of the caps.
2. If the headlamp exhibits external damage:
3. Remove/install/replace headlamp.
4. Check headlamp setting and correct if necessary.

#### Note:

If there is external damage on the headlamp or if the caps are not correctly seated/locked, there is no grounds for a warranty case.

#### Remedy 2 :

Clearing fog/condensation on LED headlamps:

1. Drive the vehicle into the workshop (temperature higher than +18 °C/+64.4°F) and connect the exhaust extractor.

Note: Do not perform an engine wash before the defogging test.

2. Engine off and battery backup charger connected
3. Open engine hood

4. Switch on the lights.
5. Leave the vehicle in this state for 60 minutes.
6. Check the fogging; a noticeable reduction in the amount of fogging must be visible (progress of defogging process).

Clearing fog/condensation on halogen/xenon headlamps:

1. Drive the vehicle into the workshop (temperature higher than +18 °C/+64.4°F)

Note: Do not perform an engine wash before the defogging test.

2. Engine off
3. Open engine hood
4. Switch the lights off
5. Leave the vehicle in this state for 60 minutes.
6. Check the fogging; a noticeable reduction in the amount of fogging must be visible (progress of defogging process).

Note: If no reduction in the degree of fogging is visible, the headlamp is faulty and must be replaced.

It is not physically possible to defog the headlamps completely. Fogging does not impair the operation or the service life of the headlamp.