

## G facelift: Complaints regarding headlamp (ILS)

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|-------------------|----------------------------------------|
| Topic number      | LI82.10-P-070740                       |
| Version           | 1                                      |
| Function group    | 82.10 Exterior lights                  |
| Date              | 01-07-2020                             |
| Validity          | Model series 463 with code XZ8 and XZ9 |
| Reason for change |                                        |
| Reason for block  |                                        |

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### Complaint:

The customer complains that ....

- the headlamp sometimes switches on and off again by itself when the vehicle is parked
- the warning message "ILS inoperative" is active or has been displayed in the instrument cluster

Note: This problem often occurs immediately after an engine start and when it is dark.

### Cause:

The complaints listed may be caused by a timing error or by the self-test monitoring function in the headlamp control unit (PXL-ECU) being too sensitive.

As a result, the headlamp may switch to limp-home mode when starting up.

### Remedy:

Replacing the control units or lamp units does not remedy the complaint.

New software is currently being prepared.

As a preventive measure, the following actions can be taken to prevent the problem from occurring:

- Check the on-board electrical system and charge the battery if necessary
- After starting the engine, do not drive off until the self-test has been completed (LED module sequencing)

The complaint is often temporarily remedied with a vehicle bus idle.

| Symptoms                                                                                                       |
|----------------------------------------------------------------------------------------------------------------|
| Lighting / Exterior lights / Driving lights / Main headlamps / Malfunction                                     |
| Lighting / Exterior lights / Driving lights / Low beams / Function / Malfunction                               |
| Lighting / Exterior lights / Driving lights / Low beams / Auto on/off headlamps / Malfunction                  |
| Lighting / Exterior lights / Driving lights / Adaptive Highbeam Assist / Warning message in instrument cluster |

# XENTRY TIPS

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| Control unit/fault code                                             |            |                                                                                                                  |
|---------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------|
| Control unit                                                        | Fault code | Fault text                                                                                                       |
| E2n11 - LED matrix of right front lamp unit (SG-LML-VR) (PXL213_FR) | B178392    | Control unit "LED driving lights actuation module" has a malfunction. The function or the instruction is faulty. |
| E1n11 - LED matrix of left front lamp unit (SG-LML-VL) (PXL213_FL)  | B178392    | Control unit "LED driving lights actuation module" has a malfunction. The function or the instruction is faulty. |