Ambient Light Warning Assistance Inoperative Message In Cluster

Topic number	LI82.20-P-075747
Version	1
Function group	82.20 - Interior lights
Date	1/10/23
Validity	Model series 223 with code 878
	Model series 295 with code 878
	Model series 296 with code 878
	Model series 297 with code 878
Reason for change	Model series validity supplemented.

Complaint

The "Ambient Light Warning Assistance Inoperative" warning message is displayed in the instrument cluster and the light-emitting diode strips are not working.

This message is set by the active ambient lighting control unit (N162/1), when a light-emitting diode strip is missing or where a fault is detected in the light-emitting diode strip.

Cause

The following causes are possible:
1. Rework in active ambient lighting area. The ambient lighting is switched on and the connectors are disconnected from the wiring harness.NO fault code is stored.
2. Fault code 123X87 (communication error) is stored in the active ambient lighting control unit (N162/1) and an light-emitting diode strip (E34/1-6) is displayed in the quick test with ! (exclamation mark)..
3. Fault code 186X00 (malfunction) stored in the light-emitting diode strips (E34/1-6).
4. Fault code 186x98 (overtemperature) stored in light-emitting diode strips (E34/1-6).
5. There are no fault codes stored in the active ambient lighting control unit (N162/1) and in the light-emitting diode strips (E34/1-6).

Remedy

1. Lock and unlock vehicle to reset the active ambient lighting control unit (N162/1).

IMPORTANT: When locking, the visual locking verification signal must be visible. Make sure that all the doors are shut. After locking, wait until the instrument cluster switches to OFF, then press unlock.

2. Run guided test as per XENTRY Diagnosis (check electric lines and connectors). If no faults are found in the electrical check, please conduct the following:

Replace light-emitting diode strip E34/4 -> light-emitting diode strip. Only valid for model series 223.

LED strip E34/1, E34/2, E34/3, E34/4, E34/5 and E34/6 -> Create TIPS case. Please note if message in cluster is yellow or white in color.

3.-5. Update software of light-emitting diode strips (E34/1-6) and active ambient lighting control unit (N162/1):

- Software update for light-emitting diode strips (E34/1-6)
- Software update for active ambient lighting control unit (N162/1). If the latest software is not available, perform SCN coding (IMPORTANT: Do not perform until after the software update for the light-emitting diode strips has been implemented).
- Perform remedy point 1 (lock and unlock vehicle) as described.

6. If points 1. - 3. do not provide a remedy, create a TIPS case. Please note if message in cluster is yellow or white in color.

Symptoms
Lighting > Interior illumination > Ambiance illumination > Does not go on

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note