Ambiance illumination in model series 222 faulty or does not light

Topic number	LI82.20-P-058368
Version	1
Design group	82.20 Interior lights
Date	02-10-2014
Validity	Model series 222 with code 877 Ambiance illumination Note: Only up to YoM code 804!
Reason for change	Part number was changed
Reason for block	

Complaint:

The ambiance illumination in the doors/ rear shelf/ cockpit/ display frame is faulty or does not light.
The problem usually occurs only in one component, e.g. in the doors, while all the other components light up normally.
It is usually the color blue which has failed.

Attachments	
File	Designation
W222 LED.JPG	BLUE-actuated, defective ambiance illumination of tweeter in mirror triangle.
W222 LED1.JPG	LILAC-actuated, defective ambiance illumination of tweeter in mirror triangle.

Cause:

An LED on the coupling element (interior lamp) has become detached.

Remedy:

1. Actuate the 3 basic colors: white, red and blue.
2. Note which color fails to light up .
3. Replace the relevant coupling element (interior lamp):
3.1. A coupling element (interior lamp) in the instrument cluster has failed:
The coupling element (interior lamp) of the central display must be replaced together with the display frame.
3.2. A coupling element (interior lamp) in the rear shelf behind the individual seats has failed:
All 4 coupling elements (interior lamps) (A 000 906 49 03) in the rear shelf must be replaced INDIVIDUALLY using Raychem solder connectors.
Observe the WIS instructions when repairing!
3.3. A coupling element (interior lamp) in the doors has failed:
Identify door wiring harness to consumers in affected door via EPC and replace.
Observe the WIS instructions when repairing!

Symptoms
Overall vehicle / Lighting / Interior illumination / Ambiance illumination / Does not go on
Overall vehicle / Lighting / Interior illumination / Ambiance illumination / Does not go off
Overall vehicle / Lighting / Interior illumination / Ambiance illumination / Switches on slowly

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Overall vehicle / Lighting / Interior illumination / Ambiance illumination / Goes off after a delay

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 000 906 49 03	28		INTERIOR LAMP	4	Max. number as required (depends on equipment installed)	X	
A 002 546 13 41			Solder connector	16	Max. number as required (depends on equipment installed)	X	
A 222 906 62 01	28		INTERIOR LAMP central display	1	YoM 804; replace display frame at the same time	X	

Attachments

File	Designation
P1150633.JPG	Coupling element (interior lamp)

WIS-References

Document number	Title	Note	Allocation
AR00.19-P-0100A	Wiring harness general repair methods		Remedy
AR54.18-P-0100-06A	Repair wiring harness using axial solder connectors		Remedy

Validity

Vehicle	Engine	Transmission
S (222)	*	*

Attachments

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W222 LED.JPG:



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W222 LED1.JPG:



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P1150633.JPG:



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