

Flickering in Head-up Display during cold temperatures

Topic number	LI54.30-P-068429
Version	1
Function group	54.30 Instrument cluster, display instruments, hazard warning device
Date	07-19-2018
Validity	Model series 238 with code 463. Model series 205 with code 809 and 463. Affected are these vehicles only between production date 29.01.2018 and 11.04.2018.
Reason for change	Validity adapted.
Reason for block	

Complaint:

The picture on the Head-up Display could start to flicker in cold temperatures (see Attachment A). The problem stops as soon as the temperature increases again.

Attachments	
File	Description
A.mp4	A

Cause:

A hardware change means that signal amplitudes could be reached that the Head-up Display cannot then process.

Remedy:

Replacement of Head-up Display.

Symptoms
Communication/information / Information display / Displays / Head-up display / Function / Contrast/brightness/distortion
Communication/information / Information display / Displays / Head-up display / Function / Pixel errors/segments missing
Communication/information / Information display / Displays / Head-up display / Function / Malfunction
Communication/information / Information display / Displays / Head-up display / Function / Difficult to read
Communication/information / Information display / Displays / Head-up display / Function / Height adjustment faulty
Communication/information / Information display / Overall component / Head-up display, total failure / Malfunction

Control unit/fault code		
Control unit	Fault code	Fault text

XENTRY TIPS

A40/12 - Head-up display (HUD222)	-	-
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Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 205 900 07 17			HEAD-UP DISPLAY CONTROL UNIT	1		X
A 205 900 05 17			HEAD-UP DISPLAY CONTROL UNIT	1		X
A 205 900 08 17			HEAD-UP DISPLAY CONTROL UNIT	1		X
A 205 900 06 17			HEAD-UP DISPLAY CONTROL UNIT	1		X
A 238 900 23 00			HEAD-UP DISPLAY CONTROL UNIT	1		X
A 238 900 24 00			HEAD-UP DISPLAY CONTROL UNIT	1		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			5481H 50	

WIS-References			
Document number	Title	Note	Allocation
AR54.30-P-6400LW	Remove/install Head-up Display		Remedy
AR54.30-P-6401LW	Check, adjust Head-up Display		Remedy
GF54.30-P-9894A	Head-up display basic function		Remedy
PE54.30-P-2106FBA	Wiring diagram for Head-up Display	205	Remedy
PE54.30-P-2104DCA	Wiring diagram for Head-up Display control unit	238	Remedy
PE54.30-P-2065DCA	Electrical function schematic for Head-up Display	238	Remedy
PE54.30-P-2065FBA	Electrical function schematic for Head-up Display	205	Remedy