Retrofitted front door exit lamps with logo projection flicker

Topic number	LI82.20-P-070189
Version	3
Function group	82.20 Interior lights
Date	10-17-2019
Validity	Model series: 118, 177, 217, 222, 238, 247, 257
Reason for change	Extension of validity
Reason for block	

Complaint:

The retrofitted front door exit lamp(s) with logo projection may flicker or flash intermittently (See attached video).

Fault code B175911 'The output for the exit and warning lamp has a malfunction. There is a short circuit to ground' may populate in the door control unit (N69/1 and/or N69/2) after the complaint occurs.

Attachments	
File	Description
LED logo projection exit lamp flickering.mp4	Video of complaint, LED logo projection exit lamp flickering

Cause:

The door control unit has current limiting which can result in flickering / flashing of the projector.

Remedy:

Please check Vedoc to ensure the vehicle has the proper SA code:

118 -> 586

177 -> o26 (NOTE: letter o, not zero)

222/217 -> E72

238 -> o26

247 -> 586

257 -> o26

If the vehicle does not have the code applied or the part is being newly retrofitted, the SA code can be added via XENTRY diagnosis (special functions -> entry for retrofits and modifications). Once the code is added SCN code both door control modules and test functionality.

NOTE: Do not replace any parts.

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Symptoms
Lighting / Exterior lights / Driving lights / Ambient illumination / Malfunction

Control unit/fault code		
Control unit	Fault code	Fault text
N69/1 - Left front door (DCU-LF) (DMFL177) (A (177),CLA (118))	-	-
N69/1 - Left front door (DCU-LF) (DMFL213) (S (222),E (238))	-	-
N69/1 - Left front door (DCU-LF) (DMFL222) (S (217),S (222))	-	-
N69/1 - Left front door (DCU-LF) (DMFL222_MOPF) (S (217),S (222),CLS (257),E (238))	-	-
N69/2 - Right front door (DCU-RF) (DMFR177) (A (177),CLA (118))	-	-
N69/2 - Right front door (DCU-RF) (DMFR213) (S (222),E (238))	-	-
N69/2 - Right front door (DCU-RF) (DMFR222) (S (217),S (222))	-	-
N69/2 - Right front door (DCU-RF) (DMFR222_MOPF) (S (217),S (222),CLS (257),E (238))	-	-

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			82D01 xx	Fault location: 82D01 (exit lamp, front left) and/or 82S01(exit lamp, front right)
			82S01 xx	Fault location: 82D01 (exit lamp, front left) and/or 82S01(exit lamp, front right)

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