

Retrofitted front door exit lamps with logo projection flicker

Topic number	LI82.20-P-070189
Version	7
Function group	82.20 Interior lights
Date	07-10-2020
Validity	Model series 118, 167, 177, 217, 222, 238, 247, and 257
Reason for change	Validity edited
Reason for block	

Complaint:

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

Remedy:

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

Model series 167/177/257/238 -> code o26 (Note: letter "o", not zero)

Model series 118/247 -> code 586 OR code o26 (Note: letter "o", not zero)

Model series 222/217 -> code E72

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.

Important: As of 03/2020, the labor time required for SCN coding the door control units is already taken into account during the installation of the logo projection lamp. Therefore, if the vehicle was retrofitted with the logo projection lamps at the dealership the SCN coding cannot be billed/submitted via warranty. The WIS documentation will be corrected as soon as possible for all affected models. At the time of publication the WIS instructions for the 177 and 167 chassis are up-to-date and can be used as a reference.

NOTE: Do not replace any parts.

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

Control unit/fault code		
Control unit	Fault code	Fault text

XENTRY TIPS

N69/1 - Left front door (DCU-LF) (DMFL177) (A (177),GLB (247),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) (GLS (167),S (217),GLE (167),S (222),CLS (257),E (238))	-	-
N69/2 - Right front door (DCU-RF) (DMFR177) (A (177),GLB (247),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) (GLS (167),S (217),GLE (167),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)

WIS-References

Document number	Title	Note	Allocation
az82.20-p-0020mfa	Retrofit exit and warning lamp with logo projector	177 LED logo projector retrofit updated WIS instructions	Remedy
az82.20-p-0020me	Retrofit exit and warning lamp with logo projector	167 LED logo projector retrofit updated WIS instructions	Remedy