

Headlamps fogged

Topic number	LI82.10-P-064766
Version	1
Design group	82.10 Exterior lights
Date	08-26-2016
Validity	BR 242 - BR 204 - BR 219 - BR 211 - BR 164 - BR 171 - BR 221 BR 246 Halogen, SA code 614;615;616;618;621;622 BR 117 Halogen BR 218 SA code 614; 615; 616; 618 BR 212 Halogen, SA code 614;615;616;618;621;622 X204 Halogen, SA code 614;615;616;618;621;622 BR 172 Halogen, SA code 621;622 BR 207 SA code 614;615;616;618;621;622
Reason for change	
Reason for block	

Complaint:

Lamp unit fogged or droplets forming.

Cause:

Due to the vent openings, the lamp unit is an "open system".

This means that acidic gases, moisture, dirt and exhaust gases can penetrate it.

This can result in deposits on the diffuser and lens.

Remedy:

Check housing cover of lamp unit for natural fogging or dew as per GI82.10-P-009047.

1. If a reduction in the degree of fogging is visible, the desiccant packs can be used once the condensation has completely evaporated.

1.1. Order the required service covers by referring to the variant overview.

1.2. Remove lamp unit

1.3. Remove all grommets from vent openings.

1.4. Seal vent openings with sealing profile.

Important: All openings must be sealed carefully for the pressure compensation membrane to work properly!

1.5. Remove existing service cover

1.6. Place desiccant packs in new service covers and bolt down

1.7. Stick new membrane onto surface provided on service cover

1.8. Attach service cover with desiccant pack to headlamp

1.9. Install lamp unit

2. If no reduction in the degree of fogging is visible, the lamp unit must be replaced.

On the new lamp unit, the service cover with desiccant pack must be installed.

Note: Residual fogging is possible due to the laws of physics and is OK.

Fogging does not impair the functionality or the service life of the lamp unit. .

XENTRY TIPS

Desiccant packs must always be used in both lamp units.

Attachments	
File	Description
Servicedeckel.jpg	1) Service cover 2) Membrane 3) Grille 4) Bolt
Bild_02.jpg	1) Service cover 2) Desiccant pack 3) Bolt
Variantenübersicht Scheinwerfer_en.jpg	Variant overview

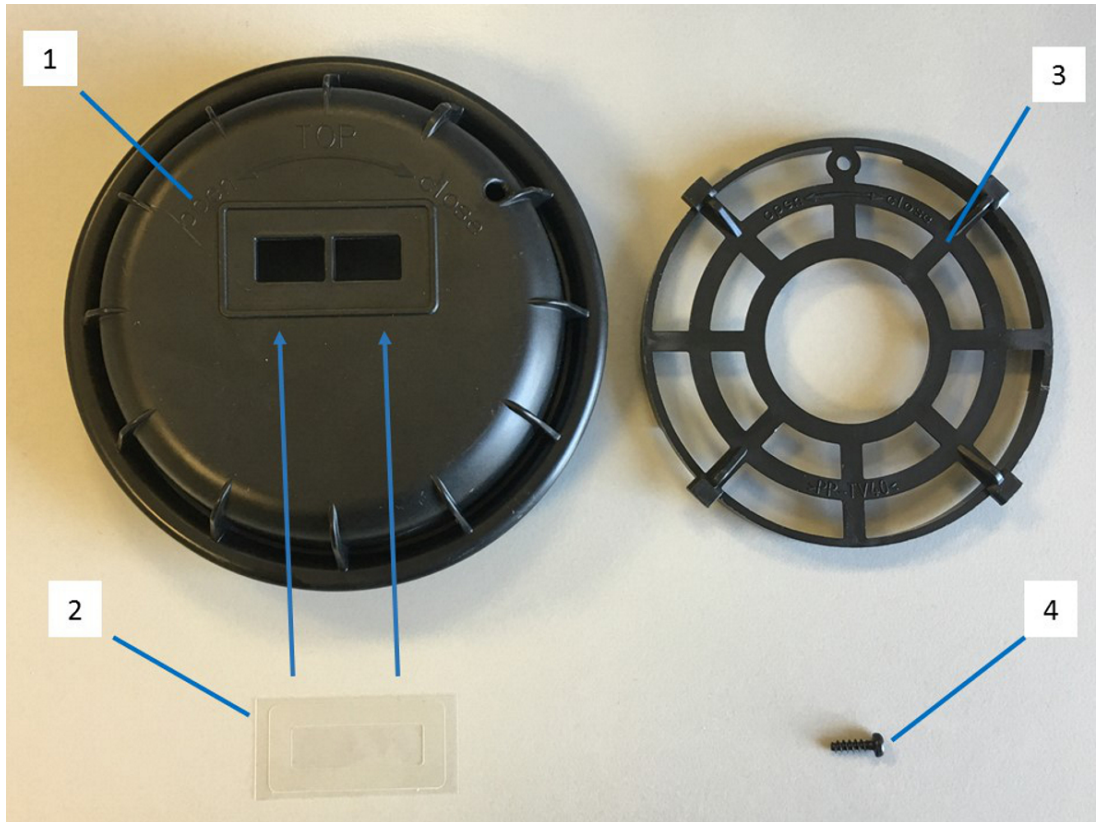
Symptoms
Overall vehicle / Lighting / Exterior lights / Driving lights / Main headlamps / Fogged

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 826 16 00			Desiccant pack	1		X
A 000 826 09 00			Small service cover	1	Including membrane	X
A 000 826 10 00			Large service cover	1	Including membrane	X
A 005 989 12 71			Sealing profile	1		X

Attachments

XENTRY TIPS

Servicedeckel.jpg:



Bild_02.jpg:



XENTRY TIPS

Variantenübersicht
Scheinwerfer_en.jpg:

Model	BR	Halogen	Xenon	Intelligent Light System
			SA-Code 614, 615, 616, 618	SA-Code 621, 622
B-Class	242	Cover large	Cover large	Cover large
	246	Cover large	Cover large	Cover large
	246M	Cover small	-	-
C-Class	204	Cover small	Cover large	Cover large
CLA	117	Cover small	Cover large	Cover large
CLS	219	Cover large	Cover large	-
	219M	Cover large	Cover large	-
	218	-	Cover small	-
E-Class	211	Cover large	Cover large	-
	211M	Cover large	Cover large	Cover large
	212	-	Cover large	Cover large
	207	-	Cover large	Cover large
GLK	X204M	Cover large	Cover large	Cover large
M-Class	164	Cover large	Cover large	-
S-Class	221	Cover large	-	Cover large
	221M	-	Cover large	Cover large
SLK	171	Cover large	Cover large	-
	171M	Cover large	Cover large	-
	172	Cover small	-	Cover small