

**Complaint - Warning Message "Vehicle Lighting Fault" Appears in the Instrument Cluster: Observe Specified Procedure (161/20)**

Model Line: **911 Carrera (992)**

Model Year: **As of 2020**

Equipment: **LED headlight with matrix beam (I-no. 8IU)**  
**LED headlight with matrix beam, black (I-no. 8JU)**

Subject: **Headlights**

Information: The instrument cluster of the vehicle shows the warning message "Vehicle lighting fault – service necessary" and the fault memory of the headlight control unit contains at least one of the following entries:

- C1198F1 - dipped beam, temperature sensor fault
- C1199F1 - high beam, temperature sensor fault
- B201200 - coding (024004)
- U14BF00 - Local CAN data bus, electrical fault

Remedial Action: Replace the corresponding headlight with **all** add-on parts; see  
 ⇒ *Workshop Manual '941555 Replacing headlight'* and  
 ⇒ *Workshop Manual '941655 Replacing headlight control unit headlights'*.



**Information**

After the repair has been carried out, a warranty claim must be submitted as soon as possible, so that Porsche can request the parts.  
 Porsche requires the complete headlight for a targeted fault analysis. Therefore, avoid disassembling the headlight.

**Parts required**

Parts Info: Required parts for one headlight (I-no. 8IU):

<b>Part No.</b>	<b>Designation</b>	<b>Qty.</b>
	<b>- Use</b>	
992941138E	⇒ LED headlight with matrix beam - left (I-no. AV0)	1 ea.
	<b>or</b>	
992941113F	⇒ LED headlight with matrix beam - left (I-no. AV1 or AV2, BOE)	1 ea.
	<b>or</b>	

992941681E	⇒ LED headlight with matrix beam – left (I-no. AV2, BOT)	1 ea.
	<b>or</b>	
992941139E	⇒ LED headlight with matrix beam – right (I-no. AV0)	1 ea.
	<b>or</b>	
9992941114E	⇒ LED headlights with matrix beam – right (I-no. AV1 or AV2, BOE)	1 ea.
	<b>or</b>	
992941682E	⇒ LED headlight with matrix beam – right (I-no. AV2, BOT)	1 ea.

Required parts for one headlight (I-no. 8JU):

<b>Part No.</b>	<b>Designation</b>	<b>Qty.</b>
	<b>– Use</b>	
9P5941138A	⇒ LED headlight with matrix beam, black – left (I-no. AV0)	1 ea.
	<b>or</b>	
9P5941113B	⇒ LED headlight with matrix beam, black – left (I-no. AV1 or AV2, BOE)	1 ea.
	<b>or</b>	
9P5941681B	⇒ LED headlight with matrix beam, black – left (I-no. AV2, BOT)	1 ea.
	<b>or</b>	
9P5941139A	⇒ LED headlight with matrix beam, black – right (I-no. AV0)	1 ea.
	<b>or</b>	
9P5941114B	⇒ LED headlights with matrix beam, black – right (I-no. AV1 or AV2, BOE)	1 ea.
	<b>or</b>	
9P5941682B	⇒ LED headlight with matrix beam, black – right (I-no. AV2, BOT)	1 ea.

Additional parts required per headlight:

<b>Part No.</b>	<b>Designation</b>	<b>Qty.</b>
	<b>– Use</b>	
992941119C	⇒ Seal – left (front headlight)	1 ea.
	<b>or</b>	
992941120C	⇒ Seal – right (front headlight)	1 ea.

992941809	⇒ Cap with seal - left (back of headlight)	1 ea.
	<b>or</b>	
992941810	⇒ Cap with seal - right (back of headlight)	1 ea.
PAF009301	⇒ Countersunk screw - cap with seal	2 ea.
992941592BB	⇒ Control unit for LED headlight - top headlight	1 ea.
992941052	⇒ Fan for headlight - top headlight	1 ea.
PAF911835	⇒ Internal hexagon round/oval-head screw - fan for top headlight	2 ea.
992903171	⇒ Fan for headlight - bottom headlight	1 ea.
992941045	⇒ Support frame - fan for bottom headlight	1 ea.
992941363	⇒ Service lid - bottom headlight	1 ea.
PAF009295	⇒ Internal hexagon round/oval-head screw - service lid	2 ea.
992941544	⇒ Protective cap - Headlight right side (I-no. AV2)	1 ea.
9P1941730	⇒ Ventilation component - headlight left side	1 ea.

**Invoicing**

Invoicing: For documentation and warranty invoicing, enter the labor operations, PQIS coding and part numbers specified below in the warranty claim:

APOS	Labour operation	I No.
94155501	Replace left headlight	
94155502	Replace right headlight	
94165501	Replace left headlight control unit	
94165502	Replace right headlight control unit	

PQIS coding

Location (FES5)	94150	Headlights
Damage type (SA4)	1614	Function not as specified

Parts Info: Required parts for one headlight (I-no. 8IU):

<b>Part No.</b>	<b>Designation</b> <b>- Use</b>	<b>Qty.</b>
992941138E	LED headlight with matrix beam - left (I-no. AV0)	1 ea.
	<b>or</b>	
992941113F	LED headlight with matrix beam - left (I-no. AV1 or AV2, BOE)	1 ea.
	<b>or</b>	
992941681E	LED headlight with matrix beam - left (I-no. AV2, BOT)	1 ea.
	<b>or</b>	
992941139E	LED headlight with matrix beam - right (I-no. AV0)	1 ea.
	<b>or</b>	
9992941114E	LED headlights with matrix beam - right (I-no. AV1 or AV2, BOE)	1 ea.
	<b>or</b>	
992941682E	LED headlight with matrix beam - right (I-no. AV2, BOT)	1 ea.

Required parts for one headlight (I-no. 8JU):

<b>Part No.</b>	<b>Designation</b> <b>- Use</b>	<b>Qty.</b>
9P5941138A	LED headlight with matrix beam, black - left (I-no. AV0)	1 ea.
	<b>or</b>	
9P5941113B	LED headlight with matrix beam, black - left (I-no. AV1 or AV2, BOE)	1 ea.
	<b>or</b>	
9P5941681B	LED headlight with matrix beam, black - left (I-no. AV2, BOT)	1 ea.
	<b>or</b>	
9P5941139A	LED headlight with matrix beam, black - right (I-no. AV0)	1 ea.
	<b>or</b>	
9P5941114B	LED headlights with matrix beam, black - right (I-no. AV1 or AV2, BOE)	1 ea.
	<b>or</b>	
9P5941682B	LED headlight with matrix beam, black - right (I-no. AV2, BOT)	1 ea.

Additional parts required per headlight:

Part No.	Designation	Qty.
	<b>- Use</b>	
992941119C	Seal - left (front headlight)	1 ea.
	<b>or</b>	
992941120C	Seal - right (front headlight)	1 ea.
992941809	Cap with seal - left (back of headlight)	1 ea.
	<b>or</b>	
992941810	Cap with seal - right (back of headlight)	1 ea.
PAF009301	Countersunk screw - cap with seal	2 ea.
992941592BB	Control unit for LED headlight - top headlight	1 ea.
992941052	Fan for headlight - top headlight	1 ea.
PAF911835	Internal hexagon round/oval-head screw - fan for top headlight	2 ea.
992903171	Fan for headlight - bottom headlight	1 ea.
992941045	Support frame - fan for bottom headlight	1 ea.
992941363	Service lid - bottom headlight	1 ea.
PAF009295	Internal hexagon round/oval-head screw - service lid	2 ea.
992941544	Protective cap - Headlight right side (l-no. AV2)	1 ea.
9P1941730	Ventilation component - headlight left side	1 ea.

References: ⇒ *Workshop Manual '941555 Replacing headlights'*  
 ⇒ *Workshop Manual '941655 Replacing headlight control unit'*

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