

Technical product information

Topic	Headlamp switch not working/not illuminated - Numerous DTC's within 0009-Central Electrics (BCM1)
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2066480/3
Level	EH
Status	Released for publishing
Release date	07-Nov-2022

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0009 - Electronic central electric	U110B00: Light switch no communication		static
0009 - Electronic central electric	B126A29: Light switch Range/Performance		static

New customer code

Object of complaint	Complaint type	Position
lighting system, signalling -> exterior illumination	functionality	
lighting system, signalling -> operation, control, light control -> main light switch	concept -> arrangement concept error	
lighting system, signalling -> exterior illumination -> rear fog lights	functionality -> partially without function	
lighting system, signalling -> exterior illumination -> all-weather lights	functionality -> does not switch on	

Vehicle data

New Continental GT/C and New Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2022	E		*	*	*
3S3*	2023	E		*	*	*
3S4*	2022	E		*	*	*
3S4*	2023	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Customer statement:

- Headlamp switch not working/not illuminated when the ignition is switched on (following an ignition switch off)

And/or

- Yellow warning light/message within DIP (Adaptive lighting fault)

And/or

- Loss of rear fog light activation

And/or

- Loss of all-weather lighting mode activation

And/or

- Headlamps will default to dipped beam (however, high beam activation will still be possible manually)

Workshop findings:

The following DTC's may also be evident within 0009 - Central Electrics control module

- U110B00 - Light switch no communication

And/or

- B126A29 - Light switch signal not reliable

And/or

- U1122300 - Fault value received by data bus

Technical background

- The condition will not occur when the ignition is on or whilst the vehicle is being driven
- The condition only occurs as the headlamp switch goes into a "Sleep" state after the ignition is switched off
- The condition is evident to the driver when the ignition is next switched on

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In the event the afore mentioned symptoms are evident please carry out the instructions within the Measure section from step 1 (including obtaining the answers to the questions a to d from the customer)

Production change

Under investigation

Measure

1) The retailer should where possible request the following information from the customer

Customer questions

- a) How and when did the complaint occur
- b) What is the usage of the vehicle (short or long journeys, how often is the vehicle used on average)
- c) What was the condition of the vehicle prior to the error occurring? (parked up for a prolonged period of time)
- d) If the vehicle is parked for prolonged periods, is a battery conditioner used?

HINT: The answers for each question are required to be attached to a new or existing DISS query once the procedure has been completed

2) Referring to Rep.Gr 27 - Conduct the following:

- Conduct a battery health check - rectify as necessary
- Carry out a battery quiescent drain - History data check (Attach the results to a new or previously opened DISS query)
- Connect a battery charger to the 12 volt battery system

3) Conduct a full GFF sweep of all control modules

- Save the diagnostic log and attach the results to the open DISS query prior to conducting the next steps

4) Referring to Rep.Gr96 - Remove the headlamp switch and disconnect the switch from the harness

- Check the headlamp switch unit to confirm the part number is 3SA941 531A (HW05/SW05 level)

YES - Part number is as suggested - Continue to step 5 and follow the remaining instructions to completion

NO - Respond via the already open query stating the part number is not 3SA 941 531A and/or the HW05/SW05 is not as expected, wait for a response via DISS before conducting any further work

5) Reconnect the headlamp switch - Refit the switch as per Rep.Gr 96

6) Check to confirm the operation/functionality of the applicable/related systems

7) In the event the headlamp issue is not resolved - Referring to Rep.Gr 27 - Disconnect the 12 volt battery for 30 minutes

- Reconnect the 12 volt battery
- Conduct a full GFF sweep of all control modules - Erase all applicable DTC's
- Check to confirm the operation of the headlamp switch (illumination, headlamps and rear fog light etc)

YES - Headlamp operation is now to specification - Continue to step 8 and follow the remaining instructions to completion

NO - Raise a new DISS query or respond via the already open query stating the headlamp issue is not resolved

8) Save the diagnostic log and attach the following to the open DISS query

- All applicable information is attached, including the suggested repair method was successful or not
- Answers to the questions as detailed in Step 1
- Submit the Technical DISS query
- Await feedback from Product Support before releasing the vehicle back to the customer (Where possible)

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IMPORTANT NOTE TO PRODUCT SUPPORT

Product support Product support should second level the DISS query to the Electrical senior Engineer ensuring all required information is attached to the Technical DISS query

Warranty accounting instructions

Warranty Type 110 or 910

Damage Service Number 94 05

Damage Code 00 40

Labour

Battery check(x1)

Labour Operation Code 27 06 01 00

Time 10 TU

Battery history data check

Labour Operation Code 27 06 89 50

Time 10 TU

Remove an refit the headlamp switch

Labour Operation Code 94 05 19 00

Time 40 TU