

Technical product information

Topic	Various errors with front lamps - 'DTC C123BFA - Bulb for parking light short circuit' logged in address D6 and/or D7
Market area	Russische Föderation (5RU),Australia E04 Bentley rest Asia and Australia (6E04),China 796 VW Import Comp. Ltd (Vico), Beijing (6796),Germany E02 Bentley rest Europe (6E02),Japan E03 Bentley Japan (6E03),Korea, (South) E08 Bentley South Korea (6E08),United Arab Emirates E06 Bentley Middle East and Africa (6E06),United Kingdom E01 Bentley UK (6E01),United States E05 Bentley USA and rest America (6E05)
Brand	Bentley
Transaction No.	2066862/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
lighting system, signalling -> exterior illumination -> main lights	functionality -> partially without function	

Vehicle data

Bentayga

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V1*	2021	E		*	*	*
4V1*	2022	E		*	*	*
4V1*	2023	E		*	*	*

Documents

Document name
master.xml

Various errors with front lamps - 'DTC C123BFA - Bulb for parking light short circuit' logged in address D6 and/or D7

Customer statement / workshop findings

One or a combination of the issues shown below are evident

- The side light within the front lamp does not work
- The park light function does not work in the main lamp
- The signal lamp is also disabled
- DTC 'C123BFA - Bulb for parking light short circuit' logged within diagnostic address D6 (light control left) and/or D7 (light control right)

Technical background

The DTC's once triggered are unable to be cleared

In the event the symptoms are as described, conduct the instructions within the Measure section to completion noting the following:

- The update to address D6 Must be done first followed by the update to address D7
- Regardless of the DTC which is evident or the address in which the DTC/DTC's are evident, both SVM codes MUST be applied

IMPORTANT: There are separate SVM codes for each diagnostic address D6

(light control left) - 4V0PLZDC01 (MUST BE APPLIED FIRST)

D7 (light control right) - 4V0PLZDC02 (MUST BE APPLIED SECOND)

Production change

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Measure

General information for the reprogramming:

- The closed-circuit voltage of the vehicle must be at least 12.5 V during the reprogramming. Connect the battery of the vehicle to an external power supply. For further information see the Maintenance manual.
- During the reprogramming switch off all unnecessary consumers (ventilation, seat heater, inside light).
- Because of the highest transmission stability we recommend the use of the diagnosis interface VAS 6154 (WiFi diagnostic tool) only in the USB operation or the cable-connected VAS 5055 for the reprogramming (updating) of control units. If these units are not available, the diagnosis interface VAS 5054 (A) can also be used in USB mode.

Software update to address D6

1. Select and run Guided fault finding

- Referring to Figure 1 - Within the Special functions tab - Select SVM Code input (A) - then select Perform test (B)

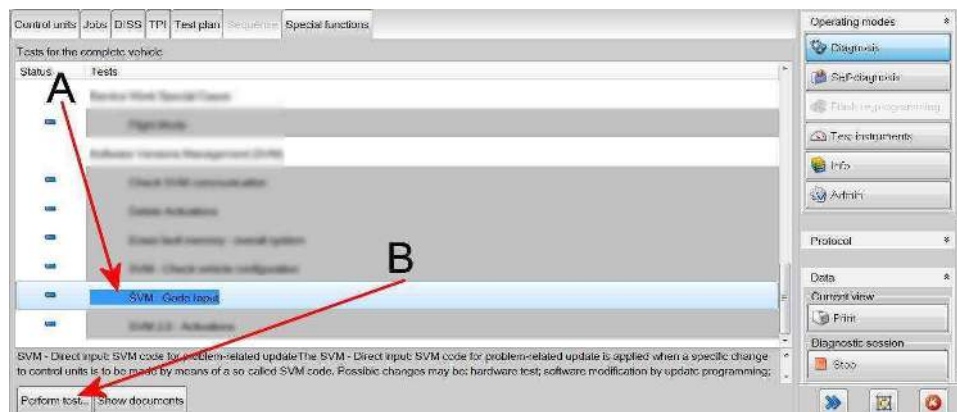


Figure1

2. On the next screen enter the SVM code 4V0PLZDC01 and select *Adopt* (Figure 2).

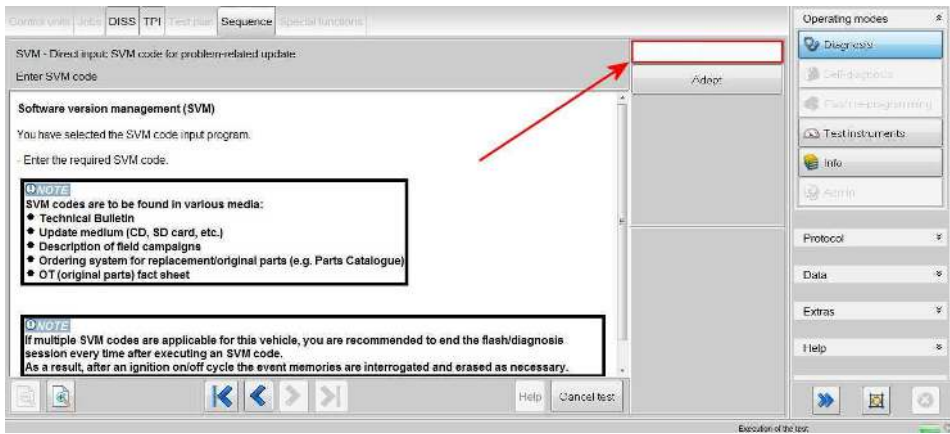


Figure 2

3. On the following screen, confirm the code is correct then select - Yes.

- All control modules will now be interrogated, follow all on screen prompts.
- The update will then begin

4. Follow all remaining on screen prompts until completion

5. Conduct a full ignition cycle (Off/On)

Software update to address D7

6. Select and run Guided fault finding

- Within the Special functions tab select SVM - Code Input then select Perform test (Refer back to Figure 1)

7. On the next screen enter the SVM code 4V0PLZDC02 and select *Adopt* (Refer back to Figure 2)

8. On the following screen, confirm the code is correct then select - Yes.

- All control modules will now be interrogated, follow all on screen prompts.
- The update will then begin
- Follow all remaining on screen prompts until completion

9. Conduct a full ignition cycle (Off/On)

NOTE: After both updates are complete and to wake up the system a bus silence is required, carry out the following steps in the order stated below:

- Switch off the ignition
- Remove the diagnostic interface from the OBD port
- Switch off and remove the battery charger from the vehicle
- Close the bonnet and all doors then lock the vehicle
- Wait 5 minutes to allow the vehicle to go into bus silence
- When 5 minutes has elapsed, unlock the vehicle and open the driver's door
- Switch on the ignition

10. Clear the vehicle of any DTC's generated as a result of performing the previous steps

Warranty accounting instructions

Warranty type 110 or 910

Damage service number 94 18

Damage code 00 41

Labour

Labour operation code 01 51 00 00

Time As per the ODIS log (Must not exceed 50 time units)