

Technical product information

Topic	Rear lamp electrical defect - Numerous DTC's evident
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.	2066850/2
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault	Fault status
0046 - Comfort System Central Control Module	B12C113: Right tail lamp bulb 2 Open circuit		Intermittent
0046 - Comfort System Central Control Module	B12C113: Right tail lamp bulb 2 Open circuit		static
0046 - Comfort System Central Control Module	B16D731: Right rear tail lamp 2 No signal		Intermittent
0046 - Comfort System Central Control Module	B16D731: Right rear tail lamp 2 No signal		static
0046 - Comfort System Central Control Module	B16D7F4: Right rear tail lamp 2 Turn signal light defective		Intermittent
0046 - Comfort System Central Control Module	B16D7F4: Right rear tail lamp 2 Turn signal light defective		static
0046 - Comfort System Central Control Module	B16D7F2: Right rear tail lamp 2 Tail lamp faulty		Intermittent
0046 - Comfort System Central Control Module	B16D7F2: Right rear tail lamp 2 Tail lamp faulty		static
0046 - Comfort System Central Control Module	B133413: Right Brake/Turn Signal Lamp Open circuit		Intermittent
0046 - Comfort System Central Control Module	B133413: Right Brake/Turn Signal Lamp Open circuit		static
0046 - Comfort System Central Control Module	B11EB13: Right rear turn signal bulb Open circuit		Intermittent
0046 - Comfort System Central Control Module	B11EB13: Right rear turn signal bulb Open circuit		static
0046 - Comfort System Central Control Module	B12C313: Right brake light bulb Open circuit		Intermittent
0046 - Comfort System Central Control Module	B12C313: Right brake light bulb Open circuit		static
0046 - Comfort System Central Control Module	B16D7F1: Right rear tail lamp 2 LED faulty		Intermittent
0046 - Comfort System Central Control Module	B16D7F1: Right rear tail lamp 2 LED faulty		static
0046 - Comfort System Central Control Module	B12C013: Left tail lamp bulb 2 Open circuit		Intermittent
0046 - Comfort System Central Control Module	B12C013: Left tail lamp bulb 2 Open circuit		static
0046 - Comfort System Central Control Module	B16D531: left tail lamp 2 No signal		Intermittent
0046 - Comfort System Central Control Module	B16D531: left tail lamp 2 No signal		static
0046 - Comfort System Central Control Module	B16D5F4: left tail lamp 2 Turn signal light defective		Intermittent
0046 - Comfort System Central Control Module	B16D5F4: left tail lamp 2 Turn signal light defective		static
0046 - Comfort System Central Control Module	B16D5F2: left tail lamp 2 Tail lamp faulty		Intermittent
0046 - Comfort System Central Control Module	B16D5F2: left tail lamp 2 Tail lamp faulty		static
0046 - Comfort System Central Control Module	B133313: Left Brake/Turn Signal Lamp Open circuit		Intermittent
0046 - Comfort System Central Control Module	B133313: Left Brake/Turn Signal Lamp Open circuit		static
0046 - Comfort System Central Control Module	B11E913: Left rear turn signal bulb Open circuit		Intermittent
0046 - Comfort System Central Control Module	B11E913: Left rear turn signal bulb Open circuit		static
0046 - Comfort System Central Control Module	B12C213: Left Tail Light Lamp Open circuit		Intermittent
0046 - Comfort System Central Control Module	B12C213: Left Tail Light Lamp Open circuit		static

New customer code

Object of complaint	Complaint type	Position
lighting system, signalling -> exterior illumination -> tail light cluster -> body-to-rear lid tail light cluster switchover	functionality -> without function / defect	> not specified <
lighting system, signalling -> exterior lights	dimensional accuracy	
lighting system, signalling -> exterior illumination	dimensional accuracy	

Vehicle data

Bentayga

Sales types

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

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SJA	*	*	*	*	C	000001	017176		

Documents

Document name
master.xml

Customer statement / workshop findings

- Rear lamp warning within the DIP
- Numerous DTC's within diagnostic address 46 (J393)
- Faulty rear lamp operation
- Refer to the examples below showing the most popular DTC's which have been evident in conjunction with the aforementioned symptoms
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B12C113: Right tail lamp bulb 2, open circuit

B16D731: Right rear tail lamp 2, no signal

B16D7F4: Right tail lamp 2, faulty turn signal

B16D7F2: Right tail lamp 2, faulty tail light

B133413: Right brake light/turn signal bulb, open circuit

B11EB13: Right rear turn signal bulb, open circuit

B12C313: Right brake light bulb, open circuit

B16D7F1: Right rear tail lamp 2, LED fault

B12C013: Left tail light bulb 2, open circuit

B16D531: Left tail lamp 2, no signal

B16D5F4: Left tail lamp 2, faulty turn signal

B16D5F2: Left tail lamp 2, faulty tail light

B133313: Left brake light/turn signal bulb, open circuit

B11E913: Left rear turn signal bulb, open circuit

B12C213: Left brake light bulb, open circuit

Technical background

Should the symptoms described be evident please refer to the Measure section of this TPI

Production change

Modified tail lamps from VIN SJAAD14V7NC017177

Measure

To enable correct diagnosis/repair the operative must conduct the onward steps

1) Referring to rep.Gr 27 - Conduct a 12 Volt battery test and print off the results

- Rectify any issues which were evident after conducting the 12 volt battery test
- Connect a suitable 12 volt battery charger to the vehicle - Refer to Rep.Gr 27

2) Record a video of the reported rear lamp defect/fault, the operative must also provide feedback if the faulty lamp reported within the DIP (e.g. indicator, brake, etc) can be illuminated (fully or partially)

Or

- The lamp is not working to specification and/or not illuminating
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Save the video as this will be required

3) Referring to the applicable wiring diagram - Conduct a wiring integrity check of the applicable/suspected faulty rear lamp ensuring the supply voltage is to specification

4) Disconnect the plug from the suspected faulty rear lamp (with ignition switched off)

- Wait for 20 minutes

5) Reconnect the plug

- Using ODIS -Erase all applicable DTC's
- Check to confirm if the warning is evident within the DIP
- Check to confirm the rear lamp is now working to specification

6) Should the issue now be rectified - Raise a non technical DISS query ensuring all requested information is attached (Video of the original issue, Before and after ODIS log, battery test results)

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If the issue is still evident the operative must open a new DISS query or respond via the open DISS query ensuring all required information is provided (Video of the original issue, Before and after ODIS log, battery test results)

Warranty accounting instructions

Warrantytype 110 or910

Damage service number 94 31

Damage code 00 23

Time to conduct the 12 volt battery test

Labouroperationcode 27 06 01 00

Time 10 TU

Time to conduct the wiring integrity checks

Labouroperationcode 97 09 01 00

Time Must not exceed 50 TU