

Technical Service Bulletin

Topic	Headlamp operation issues
Market area	Bentley: worldwide (2WBE),Hongkong-Macau (5HK)
Brand	Bentley
Transaction No.	2054599/7
Level	EH
Status	
Release date	

New customer code

Object of complaint	Complaint type	Position
power, vehicle electrical system, data transfer -> power supply	functionality	
lighting, signaling -> exterior lighting -> low beams	functionality -> partially out of order	> no instruction <
lighting, signaling -> exterior lighting -> low beams	functionality -> irregular	> no instruction <

Vehicle data

New Continental GT and New Continental GTC

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2018	E		*	*	*
3S3*	2019	E		*	*	*
3S3*	2020	E		*	*	*
3S3*	2021	E		*	*	*
3S3*	2022	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*

New Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*

Bentayga

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V1*	2017	E		*	*	*
4V1*	2018	E		*	*	*
4V1*	2019	E		*	*	*
4V1*	2020	E		*	*	*
4V1*	2021	E		*	*	*
4V1*	2022	E		*	*	*

Documents

Document name
master.xml

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Condition

Headlamp operation issues

Technical Background

DTC's evident within the left light control unit (Diagnostic address D6) and/or the right light control unit (Diagnostic address D7)

There are numerous static and intermittent DTC's which may be evident within the previously mentioned control units, ensure all steps within the Measure section are strictly adhered to

Production Solution

Not applicable

Service

1) Remove the applicable front wheel arch liner – Refer to Repair manual Rep.Gr 66

2) Referring to the examples shown in Figures 1 and 2

Disconnect the applicable headlamp plugs (right and/or left hand side) - During disconnection look out for any abnormalities for example a plug which is loose/broken or is easily disconnected

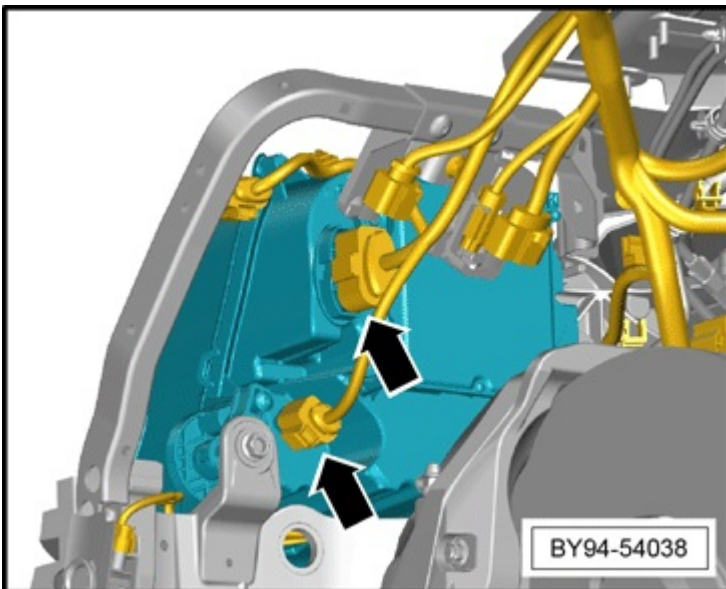


Figure 1

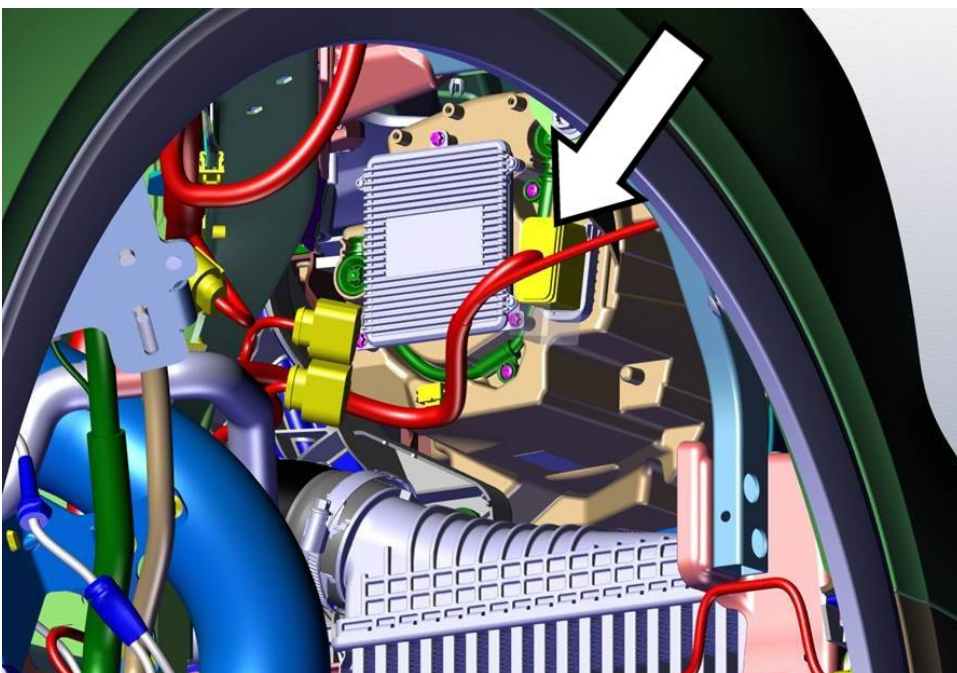


Figure 2

3) Check the condition of the headlamp plug and terminals

- 4) Check the condition of the headlamp assembly connection pins
- 5) Using the applicable Elsa pro wiring diagrams – Check the electrical integrity of the complete headlamp circuit
 - Should ANY concerns be found within steps 2,3,4 or 5 - The operative must rectify accordingly and once rectified – Carry out the remaining instructions
 - Should NO concerns be identified – Carry out the remaining instructions
- 6) Reconnect the headlamp plugs NOTE: An audible click will be heard once the plug is refitted/connected correctly
- 7) Carry out a pull check to confirm correct fitment
- 8) Erase any related DTC's using offboard Diagnostic Information System (ODIS)
 - Carry out a road test (maximum of 50 time units) to confirm the headlamps are fully functional
 - On return from road test – using offboard Diagnostic Information System (ODIS) recheck for any returning DTC's
 - Should the DTC's return replace the applicable headlamp – Refer to Repair manual Rep.gr 94 Lights, lamps, switches outside
- 9) Should the DTC's not be evident and the headlamps are fully functional, no further action is required

Warranty

Wiring checks

Warranty type 110 or 910

Damage service number 94 18

Damage code 00 28

Labour

Labour operation code 97 09 01 99

Time 20 Time units

Diagnostic time

Labour

Labour operation code 01 50 00 00

Time As per ODIS log (Must not exceed 20 Time units)

Road test

Labour

Labour operation code 01 21 00 00

Time 50 Time units

NOTE: Due to numerous model variations in which this TPI covers, please refer to Labour operations within Elsa pro for all times relating to front wheel arch liner removal and refitting