

Technical product information

Topic	Diagnosis guidelines relating to Headlamp operation/Daytime running lights (Inner lamp) and/or Turn signal (Outer lamp)
Market area	Australia E04 Bentley rest Asia and Australia (6E04),China 723 Volkswagen (Anhui) Automotive CO (6723),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.	2054599/9
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
00D6 - Light control left 2	C119813: Low beam light bulb Open circuit		Intermittent
00D6 - Light control left 2	C119813: Low beam light bulb Open circuit		static
00D7 - Light control right 2	C119813: Low beam light bulb Open circuit		Intermittent
00D7 - Light control right 2	C119813: Low beam light bulb Open circuit		static
00D6 - Light control left 2	C1198FA: Low beam light bulb Short circuit		Intermittent
00D6 - Light control left 2	C1198FA: Low beam light bulb Short circuit		static
00D7 - Light control right 2	C1198FA: Low beam light bulb Short circuit		Intermittent
00D7 - Light control right 2	C1198FA: Low beam light bulb Short circuit		static

New customer code

Object of complaint	Complaint type	Position
electrical power, electric system, data transfer -> power supply	functionality	
lighting system, signalling -> exterior illumination -> main lights	functionality -> partially without function	> not specified <
lighting system, signalling -> exterior illumination -> main lights	functionality -> uneven	> not specified <

Vehicle data

New Continental GT - New Continental GTC and New Flying Spur

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		*	*	*
3S3*	2023	E		*	*	*
3S3*	2024	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*
3S4*	2023	E		*	*	*
3S4*	2024	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*
ZG2*	2024	E		*	*	*

Bentayga Series

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		*	*	*
4V1*	2023	E		*	*	*
4V1*	2024	E		*	*	*
ZV1*	2023	E		*	*	*

Documents

Document name
master.xml

Diagnosis guidelines relating to Headlamp operation/Daytime running lights (Inner lamp) and/or Turn signal (Outer lamp)

Customer statement / workshop findings

Operational issues are evident with one or a combination of the following:

- Headlamp low beam / high beam malfunction / operational issues (Inner lamp)

Or

- Daytime running light malfunction / operational issues (Inner lamp)

Or

- Turn signal malfunction / operational issues (Outer lamp)

Or

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



IMPORTANT NOTE BEFORE CONTINUING:

New Flying Spur (20 - 22 M/Y) and Bentayga (21 - 22 M/Y)

In the event that DTC's C119813 Low beam light bulb open circuit or C1198FA Low beam light bulb short circuit are evident in D6 and/or D7

Please refer to and conduct the instructions within the following TPI's

New Flying spur applicable to 20,21 and 22 M/Y only - TPI 2063777/-

Bentayga applicable to 21 and 22 M/Y only - 2064497/-

For any other issues please refer to the onward instructions

Technical background

Revision history TPI 2054599/9

- Header data updated

WARNING

Vehicles using a High voltage system **MUST** only be worked on by suitably qualified personnel

Production change

Not applicable

Measure

- 1) Remove the applicable front wheel arch liner - Refer to Repair manual Rep.Gr 66
- 2) Referring to the examples shown in Figure 1 (New Continental GT/C and New Flying Spur) and Figure 2 (Bentayga)

- Disconnect the applicable headlamp plugs (right and/or left hand side)

Hint: After disconnection look out for any abnormalities **For example:** Headlamp plugs which are loose/broken or is easily disconnected

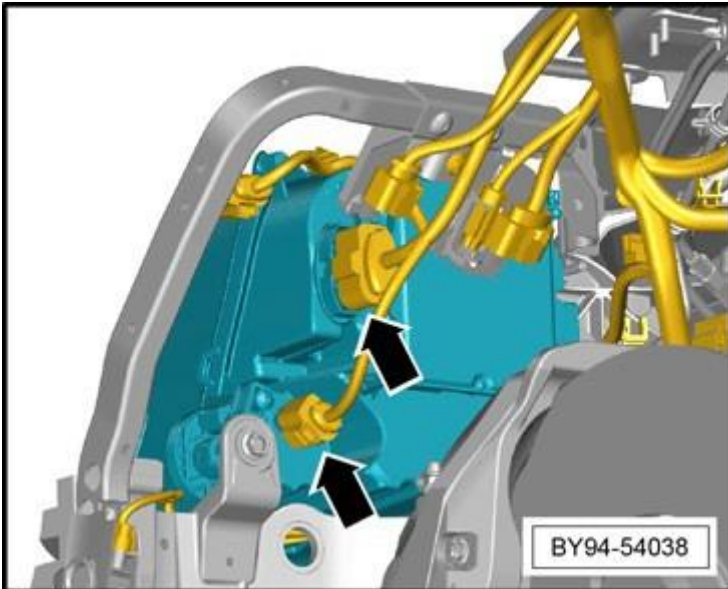


Figure 1

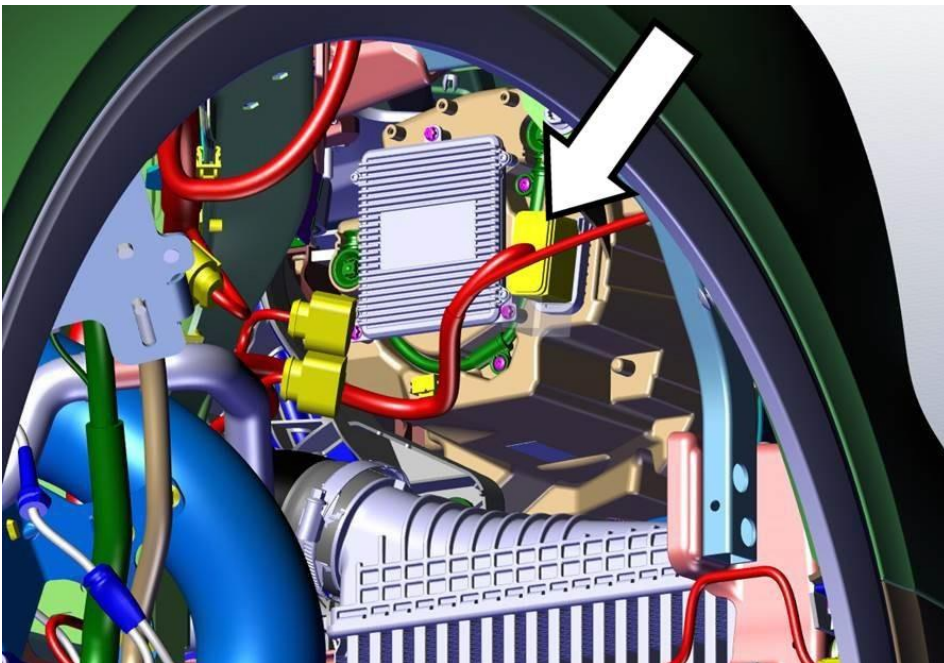


Figure 2

- 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 integrity of the complete headlamp circuit

Should **ANY** concerns be found when conducting steps 2,3,4 or 5 - The operative must rectify accordingly **Note:** Once rectified - Conduct the remaining instructions from step 6 to completion

Or

Should **NO** concerns be identified - Conduct the remaining instructions from step 6 to completion

- 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 ODIS

- Check the operation of the headlamp(s)

Hint: Should the DTC's return or the headlamp(s) are not operating, the operative should refer to TPI's 2071933/- or 2071934/- (depending on model) however should no DTC's return and the headlamps are operating correctly, the operative should continue from step 9

- 9) Carry out a short road test to confirm the headlamps are fully functional

- On return from road test - Use ODIS to check for any returning DTC's

10) Should no DTC's be evident and the headlamps are fully functional, no further action is required

However

In the event the issue is not resolved the operative must respond via an existing DISS query or raise a new technical DISS query and await a response before conducting any further work

Warranty accounting instructions

NOTICE

Hint: The LOT's below must only be claimed once in the event the headlamp control unit or headlamp unit was diagnosed as faulty as per TPI's 2071933/- or 2071934/- (depending on model)

Warranty type 110 or 910

Damage service number 94 18

Damage code 00 28

Wiring checks

Labour operation code 97 09 01 99

Time 20 TU

New Continental GT/C

Time to remove and refit (x1) front wheel arch liner

Labour operation code 66 16 19 01

Time 20 TU

Time to remove and refit (x2) front wheel arch liners

Labour operation code 66 16 20 01

Time 40 TU

New Flying Spur

Time to remove and refit (x1) front wheel arch liner

Labour operation code 66 16 19 01

Time 30 TU

Time to remove and refit (x2) front wheel arch liners

Labour operation code 66 16 20 01

Time 40 TU

Bentayqa

Time to remove and refit (x1) front wheel arch liner

Labour operation code 66 16 19 01

Time 20 TU

Time to remove and refit (x2) front wheel arch liners

Labour operation code 66 16 20 01

Time 40 TU

Diagnostic time

Labour operation code 01 50 00 00

Time As per ODIS log (Must not exceed 20 TU's)

Road test

Labour operation code 01 21 00 01

Time 30 TU