

Technical product information

Topic	Bentayga Hybrid - Emission control system warning lamp illuminated within the DIP - Potential wiring clash condition
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2065715/2
Level	EH
Status	Released for publishing
Release date	03-Nov-2022

New customer code

Object of complaint	Complaint type	Position
vehicle service -> vehicle diagnosis -> guided fault finding	control units, services -> with event log entry	
engine -> emission control	control units, services	

Vehicle data

Bentayga - Hybrid

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V14F9	2019	E		*	*	*
4V14F9	2020	E		*	*	*
4V14F9	2021	E		*	*	*
4V14F9	2022	E		*	*	*
4V14F9	2023	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Customer statement

- Emission control system warning lamp illuminated (Figure 1) within the Driver Information Panel (DIP)



Figure 1

Workshop findings

- Various/numerous open circuit DTC's evident within the Engine control unit (Address 001)

Technical background

! VERY IMPORTANT: Hybrid vehicles use a High voltage system and MUST only be worked on by suitably qualified personnel

Prior to working on this vehicle the operative MUST refer to Rep.Gr 97 ensuring all safety precautions and guidelines are adhered to

The issue described is evident on left hand drive vehicles only, in the event a similar issue is evident and the vehicle is right hand drive the operative should raise a DISS query and await feedback before conducting any further work

- Referring to the applicable Rep.Gr the operative should gain access to the location shown in Figure 2 (Underside of the dashboard left hand side)



Figure 2

- Check for damaged wiring/contact between the body/surrounding components and the wiring harness

In the event the issue is as described, the operative should carry out the instructions within the Measure section of this TPI

NOTE: Please be aware the wiring harness can contact the body/surrounding components however the actual symptom(s) may be different depending on the wire(s) which are damaged/chaffed

Production change

Not applicable

Measure

! VERY IMPORTANT: Hybrid vehicles use a High voltage system and MUST only be worked on by suitably qualified personnel

1) Using the applicable wiring diagram, conduct wiring integrity checks to confirm the wire(s) which are damaged/chaffed

TIP: Overlaying the suspected damaged wiring can be conducted to confirm the issue, the overlaid wiring MUST NOT be left in place, all damaged wiring MUST be repaired as per all Elsa pro guidelines

2) Referring to Rep.Gr97 - Repair the damaged wire(s)

3) Remove all sharp edges which could damage the main wiring harness

4) Reposition and secure the main wiring harness

Warranty accounting instructions

Diagnostic time

Warranty Type 110 or 910

Damage Service Number 97 09

Damage Code 00 25

Labour Operation Code 01 51 00 00

Time Must not exceed 50 TU (as per ODIS log)

Time to conduct wiring repair(s)

Labour operation code 970941** NOTE: The last 2 digits ** and time units depend on number of cables repaired state 'claim as per Elsa for number of cables repaired'