

Technical product information

Topic	EPB Warning light in DIP - Front door/s power latch system intermittent - DTC U112300 within Address 03 and Address 46
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2075034/2
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0003 - Brake Electronics	U112300: Databus error value received		Intermittent
0003 - Brake Electronics	U112300: Databus error value received		static
0046 - Comfort System Central Control Module	U112300: Databus error value received		Intermittent
0046 - Comfort System Central Control Module	U112300: Databus error value received		static

New customer code

Object of complaint	Complaint type	Position
driver assist systems, convenience features -> parking aid, park assist system, rear traffic alert -> reversing camera picture	functionality -> faulty	
driver assist systems, convenience features -> parking aid, park assist system, rear traffic alert -> reversing camera picture	functionality -> too late	
driver assist systems, convenience features -> parking aid, park assist system, rear traffic alert -> reversing camera picture	functionality -> too slow	
driver assist systems, convenience features -> parking aid, park assist system, rear traffic alert -> reversing camera picture	functionality -> faulty display	
information, navigation, communication, entertainment -> TV mode -> display TV image	functionality -> faulty	
information, navigation, communication, entertainment -> TV mode -> display TV image	functionality -> without function / defect	
information, navigation, communication, entertainment -> TV mode -> TV channel tracking	functionality -> without function / defect	
information, navigation, communication, entertainment -> TV mode -> TV reception -> digital TV reception	functionality -> faulty	
information, navigation, communication, entertainment -> TV mode -> TV reception -> digital TV reception	functionality -> without function / defect	
information, navigation, communication, entertainment -> TV mode -> automatic TV channel seek	functionality -> without function / defect	
information, navigation, communication, entertainment -> navigation mode -> route navigation	functionality -> faulty display	
driver assist systems, convenience features -> parking aid, park assist system, rear traffic alert -> overhead view camera picture	functionality -> faulty display	
information, navigation, communication, entertainment -> navigation mode -> manage destination memory -> destination in destination memory	functionality -> deletes itself independently	
information, navigation, communication, entertainment -> radio, navigation, MMI, hard drive device functions -> monitor display	functionality -> faulty	front
information, navigation, communication, entertainment -> radio, navigation, MMI, hard drive device functions -> monitor display	functionality -> faulty display	front
information, navigation, communication, entertainment -> radio, navigation, MMI, hard drive device functions -> switch device/MMI on/off -> start screen	functionality -> without function / defect	

Vehicle data

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		*	*	*
ZV1*	2024	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

One or a combination of the following is evident within the DIP (Figure 1)

- Electronic parking brake warning

And/or

- Drivers door power latch intermittent operation warning



Figure 1

- The front door/s power latching system sporadically does not work. The door remains in the first latch of the door lock but is not closed by the power latching system
- DTC U112300: Databus error value received Symptom 450560 evident within the ESP control unit (electronic stabilisation program) (J104)

And/or

DTC U112300 symptom code 65759 evident within the Onboard supply control unit 2 (J393)

Technical background

The micro switch signal of the door lock is not recognised or is recognised briefly, a counter press of the door by the operative is required to clearly recognise the signal

Insufficient back pressure of door (door closing loads / seal load) results in the pawl microswitch signal becoming too short. This short signal is then calculated as an error state by address 0003 -Brake electronics

NOTICE

NOTICE: Only adjust the required front door striker, you must only adjust both strikers if both sides are affected by the issue

Before proceeding the operative must check to confirm if there are any other VIN applicable TPI's for this complaint within Elsa Pro

Production change

Not applicable

Measure

CAUTION

The following instructions MUST be conducted in the order shown. Warranty claims for latch replacement will be cancelled should with authorisation not have been given via a new or existing DISS query

1) Confirm the striker runs into the centre of the rotary latch of the door lock and adjust as necessary - Refer to Rep.Gr 57 - Door striker - To remove and fit

NOTICE

In addition, adjust the striker as far as possible (at least 0.5 mm) further inwards (Figure 2)



Figure 2

If required adjust the door to the inside so that the front door is flush with the rear door - Refer to Rep.Gr 57. A small gap from front to rear door is possible and will not normally cause wind noises (Figure 3)

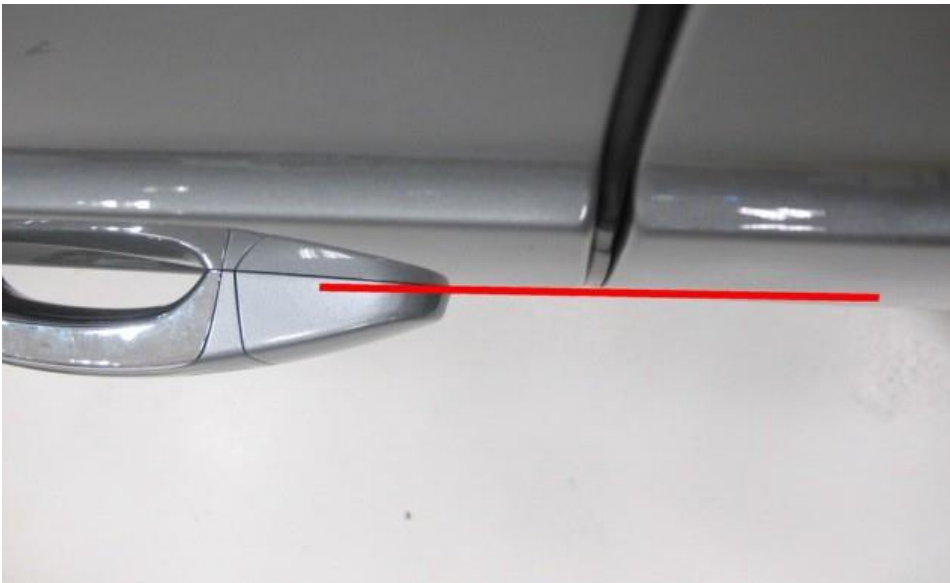


Figure 3

- 2) Check to confirm all door seals are correctly fitted and are fully engaged onto the vehicle body mounting points
 - Check to confirm all door seals are in a serviceable condition
- 3) Check the function of the power latching system.

NOTICE

IMPORTANT: If the power latching system works correctly no further action is required at this point

- 4) In individual cases it may be necessary to replace the outer door seal of the affected door
Refer to Rep.Gr 57 noting the following:

- Glue the new seal in the area of the door lock approximately 1 mm further inwards (Figure 4)

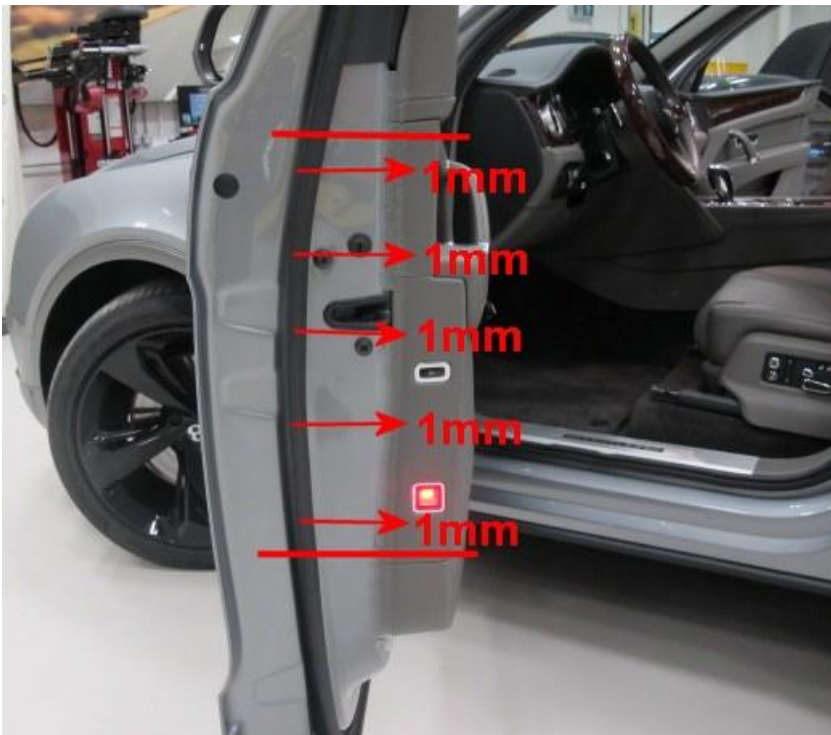


Figure 4

Hint: The power latching system should now permanently work correctly

However

Should the issue be evident the operative must respond via the open DISS query requesting further support and await feedback before conducting any further work

CAUTION

The following instructions **MUST** be conducted in the order shown. Warranty claims for latch replacement will be cancelled should with authorisation not have been given via a new or existing DISS query

NOTE TO PRODUCT SUPPORT

Please second level the DISS query to the Body and Trim Senior Engineer before responding back to the retailer

Warranty accounting instructions

Time to conduct procedure 1 - Time to adjust the front door striker (one door)

Warranty Type 110 or 910
 Labour Operation Code 57 25 15 00
 Damage Service Number 57 25
 Damage Code 00 11
 Time 20 Time units

Time to adjust door striker (Both front doors)

Warranty Type 110 or 910
 Labour Operation Code 57 25 16 00
 Damage Service Number 57 25
 Damage Code 00 11
 Time 30 Time units

Time to conduct procedure 2 - Replace x1 outer front door seal (when applicable)

Warranty Type 110 or 910
 Labour Operation Code 57 65 19 00
 Damage Service Number 57 65
 Damage Code 00 10
 Time 90 Time units

Parts information

If required: Outer door seal (self-adhesive) according to the ETKA parts catalogue

