

Technical product information

Topic	Electronic Parking Brake (EPB) functionality issues
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.	2062184/5
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0003 - Brake Electronics	C10BCF6: Left parking brake motor Engine speed implausible		static
0003 - Brake Electronics	C10BCF6: Left parking brake motor Engine speed implausible		Intermittent
0003 - Brake Electronics	C12E2F2: Right parking brake motor Engine speed implausible		Intermittent
0003 - Brake Electronics	C12E2F2: Right parking brake motor Engine speed implausible		static

New customer code

Object of complaint	Complaint type	Position
running gear -> brakes, brake control -> electronic parking brake (EPB)	functionality -> without function / defect	
information, navigation, communication, entertainment -> symbolic warning indicators -> parking brake warning indicator	functionality -> activates	

Vehicle data

New Continental GT/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		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

The following issues could be evident during PDI or found whilst in service

- Electronic Parking Brake (EPB) found not operating to specification
- EPB may not hold the car effectively
- Parking brake components showing signs of wear
- Parking brake warning light may also be evident within the DIP (See example shown in Figure 1)



Figure 1

NOTE: The following DTC's may also be evident

- C10E1F2: - 158720 - Parking brake motors Positions not plausible
- C10BDF1: - 160768 - Right parking brake motor Upper travel limit exceeded

And/or

- C10BCF1: - 161024 - Left parking brake motor Upper travel limit exceeded

Technical background

The issues described can be evident due to the car being driven in Transport mode with the EPB applied during the Transit process

Or

In some cases similar symptoms may be seen whilst in service

Revision history

2062184/5

- Request for the operative to attach photographs of the EPB actuators in all cases
- Questions added within the Measure section requesting customer feedback relating to specific details in which the issue was evident

Production change

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Measure

1) Carry out a full inspection of the (Electronic Parking Brake EPB) system including the following components:

- Right and left hand (EPB) Actuators
- Right and left hand rear brake shoes (EPB) - See example shown in Figure 2



Figure 2

- Right and left hand rear brake discs - See example shown in Figure 3



Figure 3

▪
IMPORTANT NOTE: Please attach the following to a new or existing DISS query

- Photographs/videos of the (EPB) actuator(s) must be attached to the DISS query in all cases

Request: Please also include any customer feedback regarding when the issue occurs as follows:

- During an 'Auto hold' / 'Hill hold' event
- During start up/initial pull away
- Whilst driving
- On application of the parking brake
- On release of the parking brake
- Other (please specify on the new or existing DISS query)

▪
Please also ensure the following information is requested and/or discussed with the customer

- Has the customer ever utilised the emergency stop function of the EPB switch?
- Are there any noticeable noises or driveability issues which could indicate the EPB has been sticking on?
- Has there been any occasions where the EPB has not disengaged as expected / binding / sticking?
- Other (please specify on the new or existing DISS query)

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No further work should be conducted unless authorisation is received from Product Support via the open DISS query

Warranty accounting instructions

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VERY IMPORTANT: Any Damaged parts that are replaced during PDI (including discs if deemed necessary) MUST BE assigned to Transit damage

Retailers MUST ensure that any parts and labour claims are made against Transit damage within 72 hours of receiving the vehicle

Warrantytype - 110 or 910

Damage Service Number - 46 23

Damage Code - 00 35

Time to remove and refit both rear wheels

Labour

Labour Operation Code 44 05 20 00

Time 10 TU

Time to remove and refit both (EPB) actuators

Labour

Labour Operation Code 46 85 20 50

Time 20 TU

Time to remove and refit both rear brake discs

Labour

Labour Operation Code 46 53 20 50

Time 140 TU

Time to remove and refit both rear brake shoes

Labour

Labour Operation Code 46 23 20 50

Time 20 TU

Parts information

Refer to the ETKA parts catalogue