Technical Service Bulletin

Topic	Electronic Parking Brake (EPB) functionality issues
Market area	Bentley: worldwide (2WBE),China 759 Audi China Beijing (6759),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2062184/10
Level	EH
Status	Released for publishing
Release date	Jan 27, 2026

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0003 - Brake electronics	C10BCF6: Left parking brake motor Engine speed implausible		static
0003 - Brake electronics	C12E2F2: Parking brake motor right Engine speed implausible		static
0003 - Brake electronics	C10BCF9: Left parking brake motor Insufficient clearance		static
0003 - Brake electronics	C12E2F6: Parking brake motor right Insufficient clearance		static
0003 - Brake electronics	C10E1F2: Parking brake motors Positions not plausible		static
0003 - Brake electronics	C124654: Electromechanical parking brake no basic setting		static
0003 - Brake electronics	C10BDF1: Right parking brake motor Upper travel limit exceeded		static
0003 - Brake electronics	C10BCF1: Left parking brake motor Upper travel limit exceeded		static

New customer code

Object of complaint	Complaint type	Position
chassis -> brakes, brake regulation -> electronic parking brake (EPB)	functionality -> no function	
information, navigation, communication, entertainment -> warning display symbols -> parking brake warning display	functionality -> activates	

Vehicle data

Continental GT/GTC and 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		*	*	*
Z23*	2025	E		*	*	*
Z23*	2026	E		*	*	*
Z24*	2025	E		*	*	*
Z24*	2026	E		*	*	*
Z32*	2025	E		*	*	*
Z32*	2026	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*
ZG2*	2024	E		*	*	*

Documents

Document name
master.xml

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Condition

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, stating ‘Parking brake fault detected. Stop the vehicle in a safe place and refer to the owner’s manual.’

NOTE: One or a combination of the following DTC’s may also be evident

DTC	Description
C10E1F2	Parking brake motors Positions not plausible
C10BCF1	Left parking brake motor Upper travel limit exceeded
C10BDF1	Right parking brake motor Upper travel limit exceeded
C124654	Electromechanical parking brake no basic setting
C10BCF9	Left parking brake motor Insufficient clearance
C12E2F6	Right parking brake motor Insufficient clearance
C10BCF6	Left parking brake motor Engine speed implausible
C12E2F2	Right parking brake motor Engine speed implausible

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 TPI - 2062184/10

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Removed reference to TPI 2071166 and added instructions to clean the EPB pads, adjust the air gaps, and retest the system. Advised that a DISS ticket should be raised with all relevant diagnostic information if the fault persists.

Production Solution

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Service

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

- If there is no damage, refer to steps 2-5 below.

- If damage is identified, raise a full DISS technical query and include all information outlined in Step 6.

2. Clean the brake shoes (EPB)

a. Remove the brake callipers as per ElsaPro repair group 43 (do not disconnect hydraulic lines unless required).

b. Remove the EPB brake shoes from the calliper. Refer to ElsaPro Repair Group 43.

c. Inspect shoes for contamination (dust, debris, corrosion).

d. Clean the shoe surfaces and the EPB mechanism using a suitable brake cleaner.

e. Ensure all sliding surfaces are free from corrosion and move freely.

f. Reinstall or replace shoes if worn beyond specification.

3. Adjust the Air Gap

a. With the EPB brake shoes installed, adjust the parking brake air gaps according to the specification in the workshop manual. Refer to ElsaPro Repair Group 43 ‘EPB Maintenance mode’

b. Ensure that both sides have equal and correct air gaps.

c. Confirm actuator movement is smooth and unobstructed.

4. Reassemble

a. Refit the brake callipers and torque all fasteners to the specified values.

b. Reinstall wheels and torque wheel bolts correctly.

c. Lower the vehicle.

5. Retest the System

a. Cycle the EPB through apply and release functions several times.

b. Use the diagnostic tester to run an EPB calibration/learn function if required by the model.

c. Confirm no warning messages are present and that the EPB applies/releases normally.

d. Check for even operation on both sides.

6. Information required for the full Technical DISS query if required.

IMPORTANT NOTE: Please attach the following to a new or existing full technical 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’ event
- During start up/initial pull away
- Whilst driving
- On application of the parking brake
- On release of the parking brake
- How does the customer use the (Electronic Parking brake) EPB? **For example**:

- Is the vehicle parked **without** applying the EPB being applied (‘P’ gear selection only)

- Other (please specify on the new or existing DISS query)

Comments

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)

Comments

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

Warranty

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

Warranty type	110 or 910
Damage Service Number	46 23
Damage Code	00 35

Time to remove and refit both rear wheels

Labour Operation Code	44 05 20 00
Time	10 TU

Time to remove and refit both (EPB) actuators

Labour Operation Code	46 85 20 50
Time	20 TU

Time to remove and refit both rear brake discs

Labour Operation Code	46 53 20 50

Time 140 TU

Time to remove and refit both rear brake shoes

Labour Operation Code 46 23 20 50

Time 20 TU

Time to adjust rear brake shoes

Labour Operation Code 46 23 16 50

Time 30 TU

Time to perform GFF (Guided Functions)

Labour Operation Code 01 50 00 00

Time 10 TU

Required Parts and Tools

Refer to the ETKA parts catalogue