

Technical product information

Topic	DTC's C10BCF6 - 160000 and/or C12E2F2 with symptom code 59744 stored in address 0003 - Parking brake warning in DIP
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.	2064519/1
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		Intermittent
0003 - Brake Electronics	C10BCF6: Left parking brake motor Engine speed implausible		static
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

DTC's C10BCF6 - 160000 and/or C12E2F2 with symptom code 59744 stored in address 0003 - Parking brake warning in DIP

Customer statement / workshop findings

Customer statement

Parking brake warning light evident within the DIP (See example shown in Figure 1)



Figure 1

Refer also to the Owner's Handbook regarding the applicable red warning light and description (Figure 2)

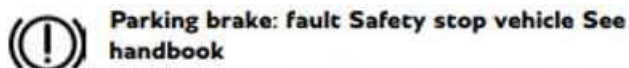


Figure 2

Workshop findings

C10BCF6 - 160000 - Left parking brake motor Engine speed implausible

OR

C12E2F2 - 159744 - Right parking brake motor Engine speed implausible

Technical background

Refer to the Measure section of this TPI

Production change

Not applicable

Measure

- 1) Referring to the applicable Rep.Gr - Remove the rear brake drums
- 2) Carry out an inspection of the rear (Electronic Parking Brake EPB) actuators and system

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As part of visual inspection - consider dirt and debris in system.

VERY IMPORTANT: The operative should take photographs of any object or debris that is evident or is collected from the assembly upon first inspection.

- 3) Using a suitable cleaning agent - Remove any brake dust ensuring all parking brake components are free of dust/debris

- Refit the brake drum and rear road wheels as per the applicable Rep.Gr

- 4) Retest to confirm if the fault is evident

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In the event that the issue is not evident (repaired) - No further action is required Or

In the event that the issue is still evident, the operative should conduct the remaining instructions from step 5 to completion

5) Referring to the applicable wiring diagram - Conduct an inspection and check the electrical integrity of the (EPB) connections and wiring to the relevant/applicable actuator (Right and or Left hand side)

6) Apply the parking brake

- Release the parking brake
- Apply the parking brake
- Release the parking brake

7) Clear all DTC's

- Retest the vehicle to check/confirm if the issue is still evident

8) In the event that no other issues have been found - Replace the defective actuator - Rep.Gr 46

NOTE: Should any other parking brake system components be found to be at fault

Or

The issue is evident, the operative should attach photographs and details of any issues found to a new or the existing DISS query

Warranty accounting instructions

Warranty type – 110 or 910

Damage Service Number 46 63

Damage Code 00 40

Time to conduct step 1

Labour

Labour Operation Code 46 85 01 00

Time 20 TU

Time to conduct step 2

Labour

Labour Operation Code 97 09 01 00

Time 50 TU

Time to replace x1 (EPB) actuator

Labour

Labour Operation Code 46 85 19 50

Time 10 TU

Time to remove and refit x1 wheel

Labour

Labour Operation Code 44 05 19 00

Time 10 TU

Time to remove and refit x1 rear brake disc

Labour

Labour Operation Code 46 53 19 50

Time 110 TU

Time to remove and refit rear brake shoes

Labour

Labour Operation Code 46 23 20 50

Time 20 TU

Parts information

Refer to the ETKA parts catalogue