Technical Service Bulletin

Topic	DIP pop up 'Engine start system: fault' | Continental GT/GTC/Flying Spur | 18-24MY
Market area	Bentley: worldwide (2WBE),China 723 Volkswagen (Anhui) Automotive CO (6723),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2061362/6
Level	EH
Status	Released for publishing
Release date	Sep 8, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0046 - Convenience system central module	B143C29: Access/start authorization button implausible signal		Intermittent
0046 - Convenience system central module	B143C29: Access/start authorization button implausible signal		static

New customer code

Object of complaint	Complaint type	Position
engine -> engine operation -> engine start	functionality -> no function	
engine -> Start/Stop system -> engine start via Start/Stop system -> engine start by pressing Start/Stop button	functionality -> operation sequence incorrect	

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		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*
ZG2*	2024	E		*	*	*

Documents

Document name
master.xml

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Transaction No.: **2061362/6**

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Condition

Customer statement

Customer unable to intermittently start the engine with the start button

Or

Engine starts but customer gets a pop up error within the Drivers Information Panel (DIP)

Workshop findings

In the event the DIP pop-up appears the following DTC will also be stored within address 46 -Convenience system central control unit

B143C29: Access/start authorization button, Range/Performance

Technical Background

The Access/start authorization button requires a certain amount of force applying to activate the internal switches

If all 3 switches within the Access/start authorization button are not engaged multiple times in a row the above DTC will store and the customer will get a pop up in the DIP. The engine however, will still start up

TPI revision history - 2061362/6

Work Instruction Update – The operative can conduct switch pack part replacement if the force fails meet set criteria without the need for Second Level Approval through DISS.

Note to Product Support only

DISS to be second levelled to Electrical TM only if post VIN SCBDG4ZG9RC015227

Production Solution

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Service

TIP: A second technician may be required to assist with the following check

1) Place a thin layer of Electrical tape over the Access/start authorization button, this will protect it from scratches

2) With your ODIS tester, Navigate to:

0046 – Guided Functions – Read measured values – IDE08195_Access/start authorization button. Then display the below MVB's:

- **HW signal Entry_and_start_authorisation_button_contact_1 [MAS06483]**
- **HW signal Entry_and_start_authorisation_button_contact_2 [MAS06484]**
- **HW signal Entry_and_start_authorisation_button_contact_3 [MAS06485]**

3) Using the workshop tool WT10354 (Force gauge) and selected adaptor highlighted below (Figure 1), slowly press down on the Access/start authorization button centrally (Figure 2) and record the force (N) which each contact point 1 to 3 changes from *'Not operated'* to '*operated'*

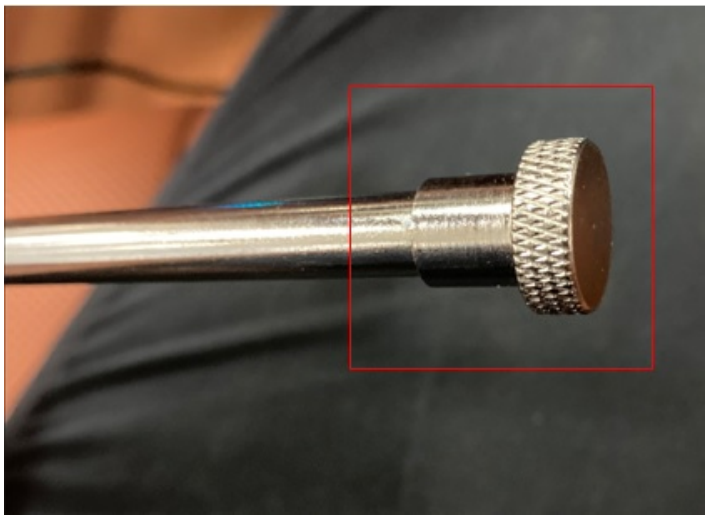

Figure 1

Figure 2

Note: Electrical tape not shown in image for clarity purposes only, please ensure tape is applied

4) Monitor all switch positions and ensure they read a value, measure the force in all three contact points and record the results as shown below.

Contact	Force (N)
Access/start authorization button, contact 1	
Access/start authorization button, contact 2	
Access/start authorization button, contact 3	

If the results measured are below 13N, or up to and including 15N and all switch positions show a change in state then the switch does not need to be replaced.

If the measured values are show a force higher than 15N while showing a change in state in any contact position then the switch pack will need to be replaced.

Note to Product Support only

MWB's with no 2nd switch position or values over the agreed specified value justify switch replacement without the requirement to gain permission from the Electrical TM (on receipt of a qualifying DISS query)

The agreed specified value will be communicated to Product Support by the Electrical TM

DISS query to be second levelled to Electrical TM only if post VIN SCBDG4ZG9RC015227

Warranty

Warranty type	110 or 910
Damage service number	91 10
Damage code	00 55

Diagnostic checks

Labour operation code	01 50 00 00
Time	20 TU

Time to replace the switchpack

Continental GT/C

Labour operation code	91 10 19 00
Time	70 TU

Flying Spur

Labour operation code	91 10 19 00
Time	60 TU

Required Parts and Tools

Refer to the ETKA parts catalogue

IMPORTANT: Any parts replacements claimed under warranty will be rejected without approval via DISS