

Technical product information

Topic	New Continental GT / GTC and New Flying Spur - Exhaust Flap - Diagnostic Trouble Code
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.	2060432/4
Level	EH
Status	Released for publishing
Release date	04-Nov-2022

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P14AB00: Exhaust door control unit Mechanical malfunction		static
0011 - Engine Electronics 2	P14AB00: Exhaust door control unit Mechanical malfunction		Intermittent
0011 - Engine Electronics 2	P14AB00: Exhaust door control unit Mechanical malfunction		static
0001 - Engine electronics	P14AB00: Exhaust door control unit Mechanical malfunction		Intermittent

New customer code

Object of complaint	Complaint type	Position
whole vehicle -> vehicle areas -> rear-end	noise, vibration -> noise	> not specified <
information, navigation, communication, entertainment -> symbolic fault indicators -> emission control system fault indicator	functionality -> activates	
whole vehicle -> vehicle areas -> rear-end	noise, vibration -> too loud	> not specified <

New workshop code

Object of complaint	Complaint type	Position
engine -> exhaust system, exhaust gas recirculation, emission control system -> exhaust flap control unit	functionality -> too stiff	

Vehicle data

New Continental GT / GTC

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		*	*	*
3S4*	2023	E		*	*	*

New Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*

ZG2*	2023	E		*	*	*
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Documents

Document name
master.xml

Customer statement / workshop findings

Warning lamp illuminated on Driver Instrument Panel (DIP)

"Drive system fault. Contact your Bentley dealer" displayed on DIP.



One or more of the following Diagnostic Trouble Codes (DTC's) stored within Engine Control Modules (ECM's) 1 or 2 (*Depending on model type*)

P04A000: Exhaust Pressure Control Valve "B"

P04A000 / P047500: Exhaust Pressure Control Valve "A"

P14AB00: Exhaust door control unit mechanical malfunction

P049F00: Exhaust Pressure Control Valve "B"

Technical background

The root cause of Exhaust Flap Control Unit malfunction is electrical 'shorting' of the commutator segments, this is caused by an accumulation of "Sludge" within the Control Unit. A DTC is stored when the respective Control Unit does not move through its full range of motion.

Production change

Exhaust Flap Control Unit grease specification updated from VIN 80093

Should any issues be reported post the suggested VIN (80093) please raise a DISS query and await further instruction

Measure

Note:

Right hand exhaust - ECU1 (B1)

Left hand exhaust - ECU 2 (B2)

CAUTION: Ensure the exhaust system has fully cooled prior to working on or around it.

Using the DTC information, conduct a visual inspection of the relative Exhaust Flap Control Unit wiring harness and connector contacts.

Carry out an ignition cycle whilst monitoring the operation of the left and right hand Exhaust Flaps, check for any operating issues.

If an Exhaust Flap is stuck in an open, closed, partially closed position or does not achieve a full range of motion continue to follow the instructions within this Technical Product Information (TPI) document—figure 1.



Do not monitor the position of the Exhaust Flaps whilst the engine is running.



Figure 1.

Remove the suspected Exhaust Flap Control Unit – Refer to *Repair Group. 26 Exhaust system – Exhaust flap control units (J883, 945) – To remove and fit.*

Check and confirm the Exhaust Flap spindle is free to open and close by hand - Figure 2.



Figure 2.

If no issue is evident and the Exhaust Flap oscillates freely by hand - replace the defective Exhaust Flap Control Unit, refer to *Repair Group. 26 Exhaust system – Exhaust flap control units (J883, 945) – To remove and fit.*

Warranty accounting instructions

Refer to Elsa Pro Labour Operations for the applicable LOT and Codes for exhaust control unit flap removal and refit.

Parts information

Exhaust System Silencer Assembly	Original Exhaust Flap Control Unit	New Exhaust Flap Control Unit
3SD.253.607	7PP.133.246.A	3SA.133.246
3SD.253.608	7PP.133.246.A	3SA.133.246
3SD.253.607.D	7PP.133.246.B	3SA.133.246
3SD.253.608.D	7PP.133.246.B	3SA.133.246

For the latest part information always refer to the Electronic Parts Catalogue (ETKA)