

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.	2060432/5
Level	EH
Status	Approval
Release date	

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
0001 - Engine electronics	P049F00: Exhaust Pressure Control Valve "B"		Intermittent
0001 - Engine electronics	P049F00: Exhaust Pressure Control Valve "B"		static
0011 - Engine Electronics 2	P049F00: Exhaust Pressure Control Valve "B"		Intermittent
0011 - Engine Electronics 2	P049F00: Exhaust Pressure Control Valve "B"		static
0001 - Engine electronics	P04A000: Exhaust Pressure Control Valve "B" Range/Performance		Intermittent
0001 - Engine electronics	P04A000: Exhaust Pressure Control Valve "B" Range/Performance		static
0011 - Engine Electronics 2	P04A000: Exhaust Pressure Control Valve "B" Range/Performance		Intermittent
0011 - Engine Electronics 2	P04A000: Exhaust Pressure Control Valve "B" Range/Performance		static

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 <

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		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Warning lamp illuminated within the Driver Instrument Panel (DIP)

“Drive system fault. Contact your Bentley dealer” (Figure 1)



Figure 1

One or more of the following Diagnostic Trouble Codes (DTC's) are stored within Engine Control Modules 1 and/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 exhaust flap control unit

DTC's are 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 SCBDS33S2LC080093

Should any issues be reported post the suggested VIN (SCBDS33S2LC080093) please raise a DISS query and await further instruction before conducting any further work

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 2



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



Figure 2

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 3

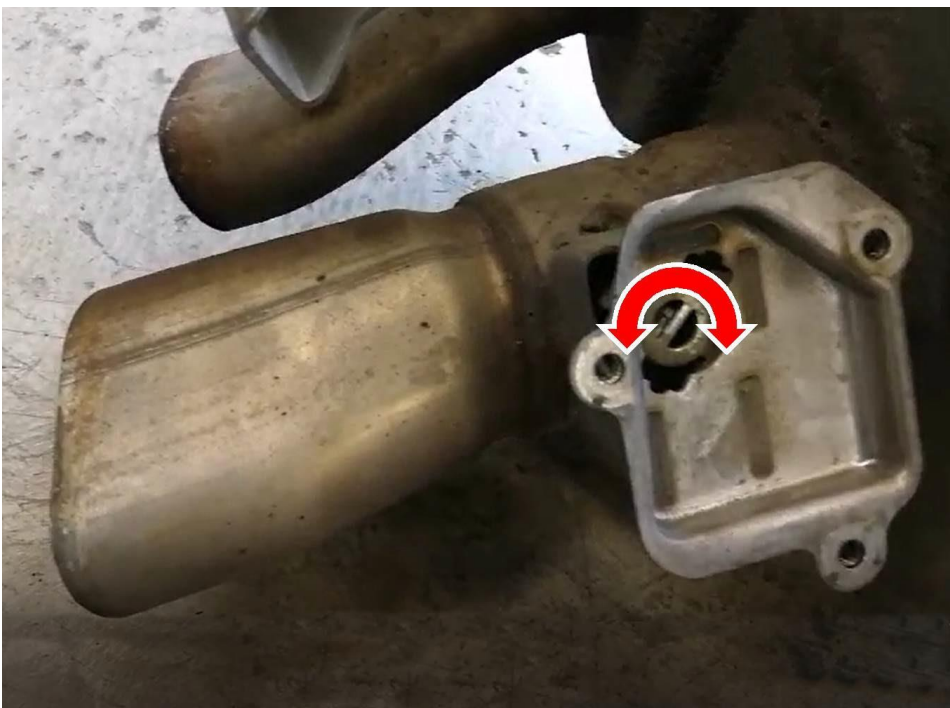


Figure 3

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**

NOTICE

NOTE: Do not conduct a road test to confirm if the issue is resolved

The operative should use the rotary control switch and change the mode to 'Sport' and then retest

TIP: Ensure the vehicle is parked in a well ventilated area

Warranty accounting instructions

Warranty type 110 or 910

Damage service number 26 71

Damage code 00 40

Time to remove and refit (x1) exhaust silencer (all models)

Labour operation code 26 33 19 00

Time 80 TU's

Time to remove and refit (x2) exhaust silencers (all models)

Labour operation code 26 33 20 00

Time 140 TU's

Time to remove and refit the exhaust flap control unit (x1) New Continental GT/C

Labour operation code 26 71 19 50

Time 10 TU

Time to remove and refit the exhaust flap control unit (x2) New Continental GT/C

Labour operation code 26 71 20 50

Time 20 TU

Time to remove and refit the exhaust flap control unit (x1) New Flying Spur

Labour operation code 26 71 19 00

Time 20 TU

Time to remove and refit the exhaust flap control unit (x2) New Flying Spur

Labour operation code 26 71 20 00

Time 30 TU

NOTICE

Warranty claims for a road test will not be approved please see the Notice (Below Figure 3)

Parts information

NOTICE

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