

Technical Service Bulletin

Topic	Exhaust Flap Control Unit - Various DTCs Bentayga Series 17-25MY
Market area	Bentley: worldwide (2WBE), China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2077982/1
Level	EH
Status	Released for publishing
Release date	Jun 5, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
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
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		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

New customer code

Object of complaint	Complaint type	Position
entire vehicle -> vehicle areas -> vehicle rear	noises, vibrations -> noise	> no instruction <
information, navigation, communication, entertainment -> malfunction display symbols -> emissions control system malfunction display	functionality -> activates	
entire vehicle -> vehicle areas -> vehicle rear	noises, vibrations -> too loud	> no instruction <

Vehicle data

Bentayga Series

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V1*	2017	E		*	*	*
4V1*	2018	E		*	*	*
4V1*	2019	E		*	*	*
4V1*	2020	E		*	*	*
4V1*	2021	E		*	*	*
4V1*	2022	E		*	*	*
4V1*	2023	E		*	*	*
4V1*	2024	E		*	*	*
4V1*	2025	E		*	*	*
ZV1*	2023	E		*	*	*
ZV1*	2024	E		*	*	*
ZV1*	2025	E		*	*	*

Documents

Document name
master.xml

Condition

Warning lamp illuminated within the Driver Instrument Panel (DIP)

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



Figure 1

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

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 Solution

Not applicable

Service

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 unit – 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 unit - To remove and fit**

If the Exhaust Flap does not oscillate freely by hand – replace the exhaust system. Refer to **Repair Group. 26 Exhaust system – Rear silencer and pipes – To remove and fit**



IMPORTANT: If the exhaust flap does not oscillate freely by hand - RAISE A NON-TECHNICAL DISS QUERY ENSURING THE FOLLOWING IS ATTACHED

- Video which clearly show the issue(s)
- Current / up to date ODIS log

 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

Warranty type 110 or 910

Damage service number 26 71 – Exhaust flap control unit

Damage service number 26 33 – Exhaust Silencer and pipes

Damage code 00 40

Bentayga Series

Exhaust flap Control unit Remove + Fit

Labour operation code 26 71 19 00

Time 10 TU

Basic settings - 01 50 00 00 as per ODIS log must not exceed 10 TU

Exhaust Silencer and Pipe Replace

Labour operation code 26 33 55 00


Time 110 TU

Note: The operative must raise a non - technical DISS query and include video of defective parts prior to part replacement only, please quote LOT 26 33 55 00 for traceability purposes.

 NOTICE

Warranty claims for a road test will not be approved

Required Parts and Tools

 NOTICE

4N0133246A - For the latest part information always refer to the Electronic Parts Catalogue (ETKA)