

Technical product information

Topic	DTC P14AB00 and/or other related exhaust flap DTC's - Warning lamp evident within the DIP
Market area	Bentley: worldwide (2WBE),Hongkong-Macau (5HK)
Brand	Bentley
Transaction No.	2055664/1
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine Control Module 1	P14AB00: Exhaust door control unit mechanical malfunction		Intermittent
0001 - Engine Control Module 1	P14AB00: Exhaust door control unit mechanical malfunction		static
0011 - Engine Control Module 2	P14AB00: Exhaust door control unit mechanical malfunction		Intermittent
0011 - Engine Control Module 2	P14AB00: Exhaust door control unit mechanical malfunction		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 <

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

Bentayga V8 Kovomo and Bentayga W12TSI

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V14A9	2017	E		*	*	*
4V14A9	2018	E		*	*	*
4V14A9	2019	E		*	*	*
4V14A9	2020	E		*	*	*
4V14D9	2018	E		*	*	*
4V14D9	2019	E		*	*	*
4V14D9	2020	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

- Referring to Figure 1 - Warning lamp illuminated within the Drivers Information Panel (DIP)

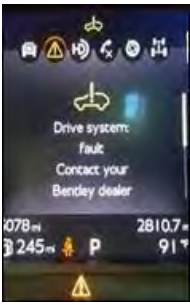


Figure 1

- DTC P14AB00 and various DTC's evident within the Engine control modules 1 and/or 2 regarding exhaust control unit mechanical malfunctions
- Abnormal noises from the exhaust system
- This issue is applicable to both Standard and Sports exhaust systems

Technical background

- The warning lamp and DTC's can be triggered by non-operation of the exhaust flap control unit/s

Refer to the onward checks within the Measure section of this TPI



Do not monitor the position of the exhaust flaps with the engine running

Production change

Not applicable

Measure

1) Carry out a visual inspection of the wiring harness and connector contacts of the exhaust flap control unit that the DTC is relating to (J883 or J945).

2) Carry out a battery test - Refer to Repair.Gr. 27 - Battery - To test

3) CAUTION: Ensure the exhaust system has fully cooled down - A suitable Boroscope is required for the next part of this check as follows:

- With the ignition ON – Check the left and right hand exhaust flap positions for any abnormalities For example Does one or both sides appear to be stuck/seized
- With the ignition OFF - Check the left and right hand exhaust flap positions for any abnormalities For example Does one or both sides appear to be stuck/seized
- Carry out a full ignition cycle whilst monitoring the operation of the right hand side exhaust flap, check for any operating issues
- Carry out a full ignition cycle whilst monitoring the operation of the left hand side exhaust flap, check for any operating issues
- Should an exhaust flap be suspected as being stuck in an open, closed or partially closed position carry out the instructions from Step 4

IMPORTANT: In the event that only one exhaust flap control unit is at fault, swap the units from side to side to rule out incorrect diagnosis, the swapping of the parts from side to side will also prove/confirm the fault moves over with the suspected faulty unit

4) Remove the suspected control unit – Refer to Rep.Gr 26

- Check and confirm the exhaust flap can be rotated by hand (clockwise and anti-clockwise) without the control unit fitted (Figure 1)



Figure 1

- Should no issue be evident with the exhaust flap and it can be freely rotated by hand - Replace the defective exhaust flap control unit Refer to Rep.Gr 26

[Warranty accounting instructions](#)

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