

Technical product information

Topic	Bentayga V8 Kovomo - Engine MIL light on - DTC "O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2
Market area	China 723 Volkswagen (Anhui) Automotive CO (6723),China 796 VW Import Comp. Ltd (Vico), Beijing (6796),Korea, (South) E08 Bentley South Korea (6E08),United States E05 Bentley USA and rest America (6E05)
Brand	Bentley
Transaction No.	2065664/3
Level	EH
Status	Released for publishing
Release date	28-Sep-2023

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P004100: O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2		Intermittent
0001 - Engine electronics	P004100: O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2		static

New customer code

Object of complaint	Complaint type	Position
engine -> engine operation	functionality	
vehicle service -> vehicle diagnosis -> guided fault finding	control units, services -> with event log entry	

Vehicle data

Bentayga Series - V8 Kovomo

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V14D9	2021	E		*	*	*
4V14D9	2022	E		*	*	*
4V14D9	2023	E		*	*	*
4V14D9	2024	E		*	*	*
ZV14D9	2023	E		*	*	*
ZV14D9	2024	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

DTC P004100: "O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2 is evident within address 0001 (Engine control unit) and MIL light active after attempting to conduct a readiness test

Technical background

In the event the symptom(s) described are evident the operative should carry out the instructions within the Measure section

Production change

The applicable ODIS routine will be updated.

The update will allow the additional basic setting to be automatically conducted.

Measure

VERY IMPORTANT: Check and confirm that no DTC's are evident

Or

No engine operation issues are evident - Save an online log to confirm that no DTC's were logged at this stage of the procedure



VERY IMPORTANT: Please ensure that no ignition cycles, Deletion of DTC's or any other tests are run when conducting the following steps as this will automatically set the readiness code and log unrelated DTC's

1) Run the engine basic setting routine - Select option 3.7 - Test for oxygen sensor interchange after catalytic converter

2) Immediately run the Readiness test as per the following instructions:

- Referring to Figure 1 - Select Guided functions from 01 - Engine Control Module 1
- Select Generate readiness code
- Select Execute and follow the readiness code procedure to completion as per all on screen prompts

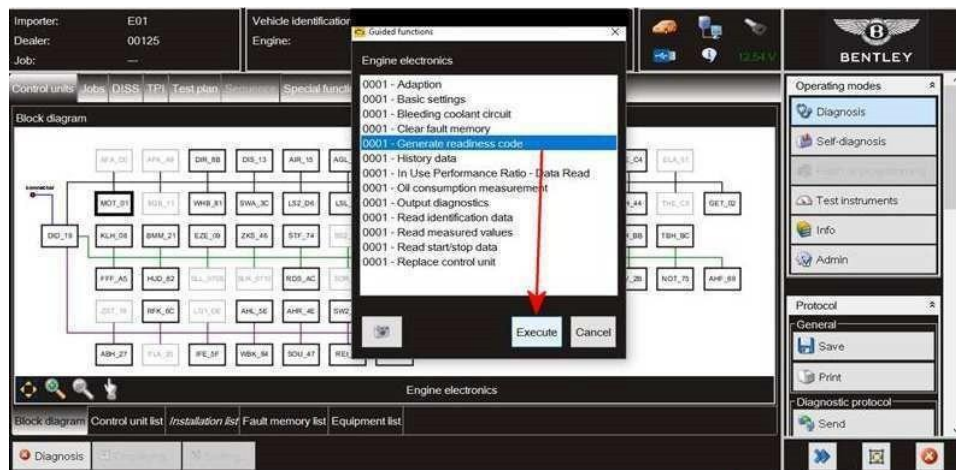


Figure 1

NOTE: Please be aware that not all readiness bytes may be at zero, however this is not a requirement as the remaining bytes will set during normal drive cycle routines



In the event the issue is not resolved, the operative should raise a DISS query and await feedback from Product Support before conducting any further work

Warranty accounting instructions

Diagnostic time

Warranty type	110 or 910
Service number	24 70
Damage code	02 02

Labour

Labour operation code	01 50 00 00
Time	As per ODIS log (must not exceed 40 TU)