Technical Service Bulletin

Topic	Engine light in the DIP - Various oxygen sensor / Fuel ratio DTC's logged within the Engine Control Module(s)
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2075331/2
Level	EH
Status	Released for publishing
Release date	Mar 4, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0001 - Engine electronics	P003100: O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 1) Low		static
0001 - Engine electronics	P003000: O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 1)		static
0001 - Engine electronics	P005100: O2 Sensor Heater Contr. Circ.(Bank2 Sensor 1) Low		static
0001 - Engine electronics	P005000: O2 Sensor Heater Contr. Circ.(Bank2 Sensor 1)		static
0001 - Engine electronics	P016A00: Excessive Time To Enter Closed Loop Air/Fuel Ratio Control		static
0011 - Engine electronics 2	P003100: O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 1) Low		static
0011 - Engine electronics 2	P003000: O2 Sensor Heater Contr. Circ.(Bank1(1)Sensor 1)		static
0011 - Engine electronics 2	P005100: O2 Sensor Heater Contr. Circ.(Bank2 Sensor 1) Low		static
0011 - Engine electronics 2	P005000: O2 Sensor Heater Contr. Circ.(Bank2 Sensor 1)		static
0011 - Engine electronics 2	P016A00: Excessive Time To Enter Closed Loop Air/Fuel Ratio Control		static

New customer code

Object of complaint	Complaint type	Position
power, vehicle electrical system, data transfer -> databus systems	component, automotive fluids	
vehicle service -> vehicle diagnosis -> Guided Fault Finding (GFF)	control modules, services -> with fault stored in the DTC memory	
transmission -> power distribution, transmission of power -> transmission of power	functionality -> no function	
power, vehicle electrical system, data transfer -> power supply	functionality	

Vehicle data

Continental GT/C - Flying Spur - Bentayga Series

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		*	*	*
3S3*	2023	E		*	*	*
3S3*	2024	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*
3S4*	2023	E		*	*	*
3S4*	2024	E		*	*	*
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		*	*	*
Z23*	2025	E		*	*	*
Z24*	2025	E		*	*	*
Z32*	2025	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*
ZG2*	2024	E		*	*	*
ZV1*	2023	E		*	*	*
ZV1*	2024	E		*	*	*
ZV1*	2025	E		*	*	*

Documents

Document name
master.xml

Condition

Engine light in the DIP - Various oxygen sensor / Fuel ratio DTC's logged within the Engine Control Module(s)

Technical Background

In the event that one or a combination of DTC's shown below are evident within the engine control module(s) the operative should carry out the instructions within the Measure section of this TPI

Production Solution

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Service

1) Referring to the VIN applicable wiring diagram within Elsa pro - Conduct a wiring integrity check of the oxygen sensor circuits

2) Locate the fuse(s) which are assigned to the oxygen sensor circuits

3) Conduct a visual inspection of the following:

- Fuse holder terminals - Check for damage / misalignment of terminals

Hint: In this scenario the terminals must be repaired / replaced (depending on damage) once repaired / replaced the fuse must be renewed, ensure both fuse blades are aligned to both terminals before fitting the fuse

- Fuse - Check for damage / bent fuse blade(s)

Hint: The fuse blades shown in Figure 1 are damaged / bent, in this scenario the fuse must be renewed, ensure both blades are aligned to both terminals before fitting the fuse

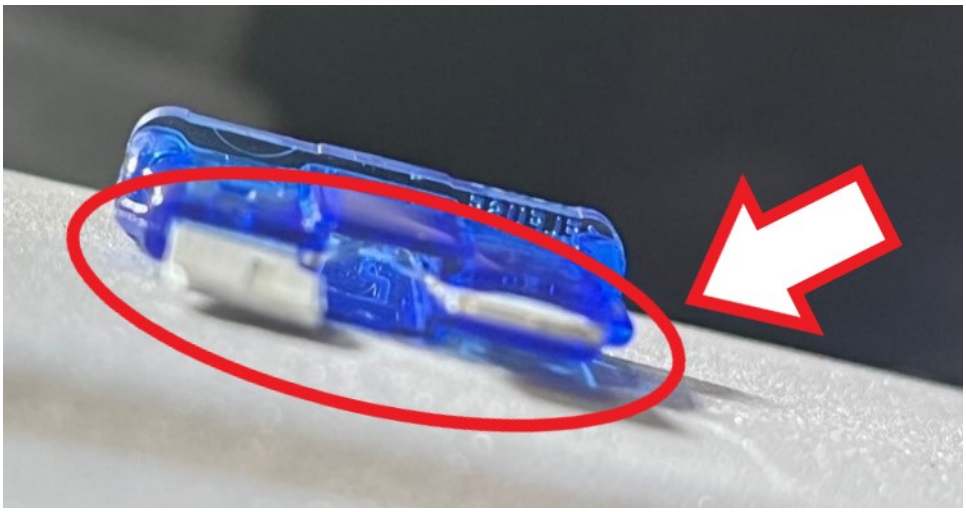

Figure 1

NOTICE

In the event the issue is still evident after conducting the previous steps, the operative must raise a to raise technical DISS query and await feedback before conducting any further work

Warranty

Warranty type: 110 or 910

Service ID number: 24 70

Damage type: 00 55

Diagnosis time

Labour operation code: 01 51 00 00

Time: As per ODIS log must not exceed 50 TU

Time to conduct wiring integrity checks

Labour operation code: 97 09 01 00

Time: 50 TU