

Technical product information

Topic	Drive system fault - Camshaft position sensor DTC
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2083066/1
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P036600: Camshaft Position Sensor "B" Circuit Range /Performance Bank 1		static
0001 - Engine electronics	P039100: Camshaft Position Sensor "B" Circuit Range /Performance Bank 2		static
0001 - Engine electronics	P039100: Camshaft Position Sensor "B" Circuit Range /Performance Bank 2		Intermittent
0001 - Engine electronics	P036600: Camshaft Position Sensor "B" Circuit Range /Performance Bank 1		Intermittent

New customer code

Object of complaint	Complaint type	Position
engine -> operation, engine control -> engine control unit	control units, services -> error message	
engine -> engine operation	functionality	
vehicle service -> vehicle diagnosis -> guided fault finding	control units, services -> with event log entry	
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI) -> text message display -> text message: engine fault	functionality -> activates	

New workshop code

Object of complaint	Complaint type	Position
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engine -> operation, engine control -> engine control unit	control units, services -> with event log entry	
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Vehicle data

Continental GT/C, Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
Z23*	2025	E		*	*	*
Z23*	2026	E		*	*	*
Z23*	2027	E		*	*	*
Z24*	2025	E		*	*	*
Z24*	2026	E		*	*	*
Z24*	2027	E		*	*	*
Z32*	2025	E		*	*	*
Z32*	2026	E		*	*	*
Z32*	2027	E		*	*	*

Documents

Document name
master.xml



Connection offline

Technical product information

Transaction No.: **2083066/1**

Drive system fault - Camshaft position sensor DTC

Customer statement / workshop findings

Customer may state following concerns:

- Drive system fault on the dashboard
- Abnormal engine noise on engine start-up

Workshop findings:

- Check engine warning lamp illuminated on Drivers Instrument Panel
- DTC stored within Engine Control Module

Technical background

The abnormal noise/rattle occurs as the camshafts are being actuated into the correct position. The condition is created when the cam phaser does not fully secure to the cam when the engine is turned off and can lead to plausibility errors on the next start up.

The engine warning lamp will be turned off automatically if the condition is not seen for 3 consecutive drive cycles.

Production change

Not applicable

Measure

1. Connect a battery charger and vehicle diagnostic tester to the vehicle.
2. Using ODIS confirm if the relevant DTCs have been stored within the Engine Control Module.
3. Clear the DTCs, start the engine three times and confirm whether the DTC or noise can be replicated.
4. Upload the diagnostic log online and raise a full technical DISS with all information to review.

Warranty accounting instructions

Warranty Type: 110 or 910

Damage Service Number: 94 18

Damage Code: 0040

Labour operation code: 01 51 00 00

Time: As per the ODIS log (Must not exceed 25 TU)