Technical Service Bulletin

Topic	Multiple Random Misfire Evident at PDI
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2074952/3
Level	EH
Status	Released for publishing
Release date	Sep 23, 2025

New customer code

Object of complaint	Complaint type	Position
engine -> engine operation -> engine output characteristic -> throttle response	functionality -> misfire	

New workshop code

Object of complaint	Complaint type	Position
engine -> operation, engine control -> engine control module	functionality -> misfire	

Vehicle data

New Continental GT/C and New Flying Spur

Sales types

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

Documents

Document name
master.xml

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Condition

Multiple random cylinder misfire DTC's detected during PDI - DTC P030000: Random/Multiple Cylinder Misfire Detected (misfires on multiple cylinders) within the following control units:

- V8 - ECM 1 - V8 (Address 01) ECM control unit

Technical Background

The *anti-foul fuel* which is added during the manufacturing process can cause the described symptoms

HINT: This is dependent on how long the anti-foul fuel has been stored within the fuel tank

In the event the symptoms are as described please refer to the Measure section of this TPI

Production Solution

Not Applicable.

Service

1) Using ODIS - Confirm the amount of anti-foul fuel which is within the fuel tank

- Select Engine control module 1
- Select Guided functions - Navigate to the MWB which details the level of fuel which is in the tank

IMPORTANT: If there is 10 litres of fuel within the tank (at the point of conducting the PDI) the operative must add double the amount of correct octane fuel, in this scenario the operative must add 20 litres of the correct octane fuel which would equate to a total of 30 litres of fuel in the tank

2) Refer to one or a combination of the following:

- Fuel filler flap label
- Owners handbook
- Elsa pro

3) Add the required amount of fuel (as described in step 1)

- Park the car in a well ventilated area ensuring suitable exhaust extraction is available and used at all times
- Allow the engine to idle for 30 minutes in a well ventilated area **VERY IMPORTANT:** Whilst the engine is idling the operative MUST check to confirm the engine is operating to specification and also check to confirm there are no warnings evident within the DIP whilst the engine is idling in particular engine overheating warnings/issues

IMPORTANT: The vehicle must be parked on a suitable hard surface ensure no combustible or flammable materials are in the vicinity of the vehicle/underside of the vehicle

- After 30 minutes has elapsed monitor the misfire counts for all cylinders using ODIS
- **V8 - ECM 1 (Address 1) - Misfire counters**
- Clear all applicable DTC's

4) Select Engine control module 1 - Using Guided functions - Reset the readiness code - Select *Readiness code - follow all onscreen prompts until complete*

- Once complete check and confirm the actual readiness code, should the readiness code bytes be 00000000 NO FURTHER ACTION IS REQUIRED

Should ANY of the bytes be 1, YOU MUST repeat the readiness code test. Once complete you must then recheck and confirm the readiness code is 00000000

5) Monitor the misfires counts for all cylinders - If no misfires are evident conduct the PDI road test

- On return re-check for multiple cylinder misfires

6) In the event the issue is no longer evident no further action is required

However

In the event the issue is still evident the operative should raise a technical DISS query (ensure a current ODIS log is attached) await feedback before conducting any further work

Warranty

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

GFF work (outside of PDI instruction)

Labour operation code	01 51 00 00
Time	As per ODIS log MUST not exceed 50 TU (Active time)