Connection offline

Technical product information

Topic	Engine Coolant Bypass Valve Control Fault - DTC P268100 with symptom code 32827 evident in address 00C5
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2081300/2
Level	EH
Status	Released for publishing
Release date	26 Oct 2026

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
00C5 - Thermal management	P268100: Engine Coolant Bypass Valve Control Circuit /Open		Intermittent
00C5 - Thermal management	P268100: Engine Coolant Bypass Valve Control Circuit /Open		static

New customer code

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

Vehicle data

Continental GT/GTC

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		*	*	*

Flying Spur

Sales types

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

Documents

Document name
master.xml

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Engine Coolant Bypass Valve Control Fault - DTC P268100 with symptom code 32827 evident in address 00C5	Release date: 26 Oct 2026

Customer statement / workshop findings

Customer Statement

The customer may report that the Engine Malfunction Indicator Lamp (MIL) is illuminated.

Workshop Findings

Customer findings verified in the workshop, with the following DTC be stored in the thermal management (diagnostic address 00C5):

- **DTC P268100** – Engine Coolant Bypass Valve Control Circuit/Open Fault type (Symptom: 32827)

Technical background

DTC P268100 is logged when the engine control module detects an open circuit in the coolant bypass valve control system. Field cases show this is commonly caused by wiring harness damage or poor connection at Coolant Pump Solenoid valve N91, resulting in intermittent or lost electrical continuity

Refer to the *'Measure'* section for next steps.

Production change

Under Review

Measure

CAUTION

Risk to Personal Injury: Ensure the coolant temperature is fully safe before accessing any cooling system components, disconnect the 12V power supply following workshop manual procedures when working on electrical connectors, and never open or remove any part of the cooling system while it is hot.

Approved Diagnostic Procedure

1. Perform GFF and confirm DTC P268100 stored in address 00C5

Record data.

2. Access Coolant Pump Solenoid Valve N91

The coolant pump solenoid valve 4 "(N91)" -2- is located within the front right wheel arch. Disregard all other positions, image for illustration purposes only.

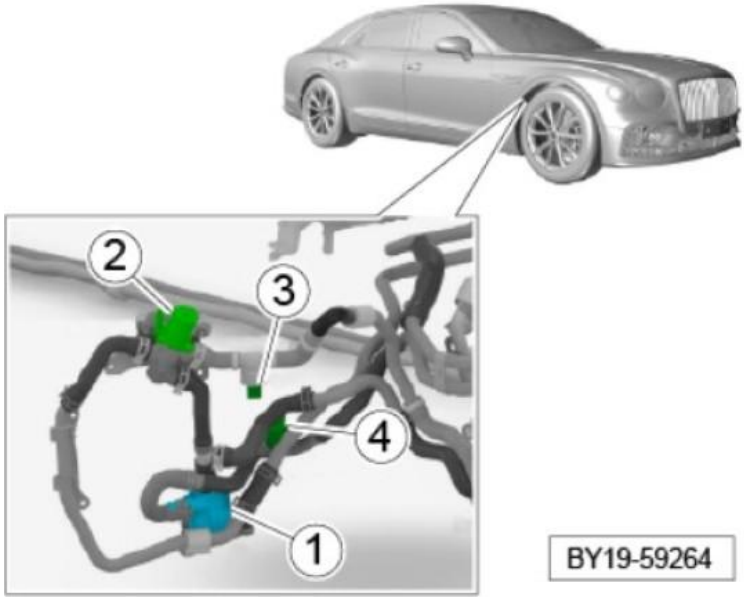


Figure 1. *Coolant Pump Solenoid Valve N91 location*

2. Position the car on a ramp

Refer to ElsaPro → Booklet 404

3. Remove the relevant wheel

Refer to ElsaPro → Rep. Gr. 44 'Road wheel - To remove and fit'

4. Remove the front and rear sections of the RH front wheelarch liners

Refer to ElsaPro → Rep. Gr. 66 "Front wheel arch liners - To remove and fit"

5. Inspect wiring harness for:

- Abrasion
- Bending stress
- Incorrect routing
- Oil/coolant contamination
- Connector security

6. Check Connector Condition at N91

- Inspect for corrosion, bent pins, loose terminals.
- Reseat connector and ensure latch engagement.

7. If any damage is found see example below (figure 2),

Do not repair without instruction.



Figure 2. *Example wiring damage*

> **NOTICE**
>
> **Please raise a full technical DISS query for second-level review by the Electrical TM and wait for further guidance.**

Include the following in the full technical DISS query:

- VIN, model, MY
- Customer Statement: “2081300 Support”
- GFF log attached
- Summary of findings and whether damage or poor connection was confirmed
- Clear photos of the coolant pump N91 wiring and connector, especially any chafing or insulation wear.

Warranty accounting instructions

Where wiring harness repairs are required, refer to the warranty accounting instructions in ElsaPro. Due to vehicle specific configurations and the number of wires that may require repair, warranty coding must be applied according to the relevant repair scenario.

Warranty type: 110 or 910

Damage service number: 97 09

Damage code: 00 25

Time to perform GFF diagnosis

Labour Operation Code – 01 50 00 00

Time – 10 TU

Front wheel housing Liner removal and installation

Labour Operation Code – 66 16 19 00

Time – 40 TU

Central Wiring harness Check

Labour Operation Code – 97 09 01 00

Time – 10 TU

Parts information

As advised by DISS - Use standard Bentley approved wiring repair kit (VAS 1978 B)

Refer to ETKA parts catalogue