

## Technical product information

<b>Topic</b>	V8 Engine - Ticking Noise, Misfiring and Possible Low Oil Pressure Indications
<b>Market area</b>	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
<b>Brand</b>	Bentley
<b>Transaction No.</b>	2081085/1
<b>Level</b>	EH
<b>Status</b>	Released for publishing
<b>Release date</b>	March 6 2026

### Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P030000: Random Misfire Detected No Sub Type Information		Intermittent
0001 - Engine electronics	P030000: Random Misfire Detected No Sub Type Information		static

### New customer code

Object of complaint	Complaint type	Position
engine -> engine operation	noise, vibration	

## Vehicle data

### Bentayga Series - 8-cyl.Petrol engine,4,0l TFSI

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V14D9	2018	E		DCUA	RWH	QUT
4V14D9	2019	E		DCUA	RWH	QUT
4V14D9	2020	E		DCUA	RWH	QUT
4V14D9	2021	E		DCUA	RWH	QUT
4V14D9	2022	E		DWRA	RWH	QUT
4V14D9	2022	E		DWRA	VNV	WDP
4V14D9	2022	E		DWRA	VNV	QUT
4V14D9	2022	E		DWRA	VNR	WDP

4V14D9	2022	E		DCUA	RWH	QUT
4V14D9	2023	E		DWRA	VNV	WDP
4V14D9	2023	E		DWRA	VNV	QUT
4V14D9	2023	E		DWRA	VNR	WDP
4V14D9	2023	E		DCUA	RWH	QUT
4V14D9	2023	E		DWRA	RWH	QUT
4V14D9	2024	E		DWRA	RWH	QUT
4V14D9	2024	E		DWRA	VNV	WDP
4V14D9	2024	E		DWRA	VNR	WDP
4V14D9	2024	E		DWRA	VNV	QUT
4V14D9	2025	E		DWRA	VNV	WDP
4V14D9	2025	E		DWRA	VNV	QUT
4V14D9	2025	E		DWRA	RWH	QUT
4V14D9	2025	E		DWRA	VNR	WDP
4V14D9	2026	E		DWRA	RWH	QUT
4V14D9	2026	E		DWRA	VNR	WDP
4V14D9	2026	E		DWRA	VNV	WDP
4V14D9	2026	E		DWRA	VNV	QUT
4V15D9	2024	E		DWRA	VNV	WDP
4V15D9	2024	E		DWRA	VNR	WDP
4V15D9	2024	E		DWRA	RWH	QUT
4V15D9	2024	E		DWRA	VNV	QUT
4V15D9	2025	E		DWRA	RWH	QUT
4V15D9	2025	E		DWRA	VNV	QUT
4V15D9	2025	E		DWRA	VNV	WDP
4V15D9	2025	E		DWRA	VNR	WDP
4V15D9	2026	E		DWRA	VNV	WDP
4V15D9	2026	E		DWRA	VNR	WDP
4V15D9	2026	E		DWRA	RWH	QUT
4V15D9	2026	E		DWRA	VNV	QUT
4V15J9	2026	E		DWNA	VQF	QUT
4V15J9	2026	E		DWNA	VQF	WDP
4V15K9	2026	E		DWNG	VQF	WDP
ZV14D9	2023	E		DCUA	RWH	QUT
ZV14D9	2023	E		DWRA	RWH	QUT
ZV14D9	2024	E		DWRA	VNV	QUT

ZV14D9	2025	E		DWRA	VNR	WDP
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## Continental GT/GTC - 8-cyl.Petrol engine,4,0l TFSI

### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S32CB	2020	E		CVDA	TPT	RVC
3S32CB	2020	E		CVDA	TUP	RVC
3S32CB	2020	E		CVDA	UUR	TFM
3S32CB	2020	E		CVDA	TUP	TFM
3S32CB	2020	E		CVDA	UPC	TFM
3S32CB	2020	E		CVDA	UUR	WDX
3S32CB	2021	E		CVDA	TUP	RVC
3S32CB	2021	E		CVDA	UPC	TFM
3S32CB	2021	E		CVDA	UUR	WDX
3S32CB	2021	E		CVDA	TPT	RVC
3S32CB	2021	E		CVDA	UUR	TFM
3S32CB	2021	E		CVDA	TUP	TFM
3S32CB	2022	E		CVDA	TPT	RVC
3S32CB	2022	E		CVDA	TUP	RVC
3S32CB	2022	E		CVDA	UUR	WDX
3S32CB	2022	E		CVDA	UUR	TFM
3S32CB	2022	E		CVDA	TUP	TFM
3S32CB	2022	E		CVDA	UPC	TFM
3S32CB	2023	E		DWMA	UUR	UZL
3S32CB	2023	E		CVDA	UUR	WDX
3S32CB	2023	E		DWMA	UUR	WDX
3S32CB	2023	E		DWMA	UUR	TFM
3S32CB	2023	E		CVDA	UUR	UZL
3S32CB	2023	E		CVDA	TUP	RVC
3S32CB	2023	E		CVDA	UPC	TFM
3S32CB	2023	E		CVDA	TPT	RVC
3S32CB	2023	E		CVDA	UUR	TFM
3S32CB	2023	E		CVDA	TUP	TFM
3S32CB	2024	E		DWMA	UUR	TFM
3S32CB	2024	E		CVDA	UUR	WDX

3S32CB	2024	E		CVDA	TPT	RVC
3S32CB	2024	E		CVDA	TUP	RVC
3S32CB	2024	E		DWMA	UUR	WDX
3S32CB	2024	E		CVDA	UUR	TFM
3S32CB	2024	E		CVDA	TUP	TFM
3S32CB	2024	E		CVDA	UPC	TFM
3S34CB	2023	E		CVDA	TPT	RVC
3S34CB	2023	E		CVDA	UPC	TFM
3S34CB	2023	E		CVDA	UUR	TFM
3S34CB	2023	E		DWMA	UUR	TFM
3S34CB	2023	E		CVDA	UUR	UZL
3S34CB	2023	E		CVDA	TUP	TFM
3S34CB	2023	E		DWMA	UUR	UZL
3S34CB	2023	E		DWMA	UUR	WDX
3S34CB	2023	E		CVDA	UUR	WDX
3S34CB	2023	E		CVDA	TUP	RVC
3S34CB	2024	E		CVDA	TUP	RVC
3S34CB	2024	E		CVDA	TPT	RVC
3S34CB	2024	E		DWMA	UUR	WDX
3S34CB	2024	E		CVDA	UPC	TFM
3S34CB	2024	E		CVDA	UUR	TFM
3S34CB	2024	E		CVDA	TUP	TFM
3S34CB	2024	E		DWMA	UUR	TFM
3S34CB	2024	E		CVDA	UUR	WDX
3S42CB	2020	E		CVDA	TPT	RVC
3S42CB	2020	E		CVDA	UPC	TFM
3S42CB	2020	E		CVDA	UUR	TFM
3S42CB	2020	E		CVDA	TUP	TFM
3S42CB	2020	E		CVDA	TUP	RVC
3S42CB	2020	E		CVDA	UUR	WDX
3S42CB	2021	E		CVDA	TUP	RVC
3S42CB	2021	E		CVDA	TPT	RVC
3S42CB	2021	E		CVDA	UPC	TFM
3S42CB	2021	E		CVDA	UUR	TFM
3S42CB	2021	E		CVDA	TUP	TFM
3S42CB	2021	E		CVDA	UUR	WDX

3S42CB	2022	E		CVDA	TUP	RVC
3S42CB	2022	E		CVDA	UUR	WDX
3S42CB	2022	E		CVDA	TPT	RVC
3S42CB	2022	E		CVDA	UPC	TFM
3S42CB	2022	E		CVDA	UUR	TFM
3S42CB	2022	E		CVDA	TUP	TFM
3S42CB	2023	E		CVDA	UUR	WDX
3S42CB	2023	E		CVDA	UUR	UZL
3S42CB	2023	E		CVDA	TUP	RVC
3S42CB	2023	E		DWMA	UUR	WDX
3S42CB	2023	E		CVDA	TPT	RVC
3S42CB	2023	E		DWMA	UUR	UZL
3S42CB	2023	E		CVDA	UPC	TFM
3S42CB	2023	E		CVDA	UUR	TFM
3S42CB	2023	E		CVDA	TUP	TFM
3S42CB	2023	E		DWMA	UUR	TFM
3S42CB	2024	E		DWMA	UUR	TFM
3S42CB	2024	E		DWMA	UUR	WDX
3S42CB	2024	E		CVDA	TUP	RVC
3S42CB	2024	E		CVDA	UUR	WDX
3S42CB	2024	E		CVDA	TPT	RVC
3S42CB	2024	E		CVDA	UPC	TFM
3S42CB	2024	E		CVDA	UUR	TFM
3S42CB	2024	E		CVDA	TUP	TFM
3S44CB	2023	E		CVDA	TPT	RVC
3S44CB	2023	E		CVDA	TUP	RVC
3S44CB	2023	E		DWMA	UUR	TFM
3S44CB	2023	E		CVDA	UUR	UZL
3S44CB	2023	E		CVDA	UUR	WDX
3S44CB	2023	E		DWMA	UUR	UZL
3S44CB	2023	E		DWMA	UUR	WDX
3S44CB	2023	E		CVDA	UUR	TFM
3S44CB	2023	E		CVDA	TUP	TFM
3S44CB	2023	E		CVDA	UPC	TFM
3S44CB	2024	E		CVDA	TUP	RVC

3S44CB	2024	E		DWMA	UUR	TFM
3S44CB	2024	E		CVDA	TUP	TFM
3S44CB	2024	E		CVDA	UUR	TFM
3S44CB	2024	E		CVDA	UUR	WDX
3S44CB	2024	E		CVDA	UPC	TFM
3S44CB	2024	E		DWMA	UUR	WDX
3S44CB	2024	E		CVDA	TPT	RVC

## Flying Spur - 8-cyl.Petrol engine,4,0l TFSI

### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
ZG22CB	2021	E		CVDA	UPC	TFM
ZG22CB	2021	E		CVDA	UUR	RVH
ZG22CB	2021	E		CVDA	UUR	TFM
ZG22CB	2022	E		CVDA	UUR	TFM
ZG22CB	2023	E		DWMA	UUR	TFM
ZG22CB	2023	E		DWMA	UUR	UZL
ZG22CB	2023	E		CVDA	UUR	TFM
ZG22CB	2023	E		CVDA	UUR	UZL
ZG22CB	2024	E		DWMA	UUR	TFM
ZG22CB	2024	E		CVDA	UUR	TFM
ZG24CB	2023	E		DWMA	UUR	UZL
ZG24CB	2023	E		CVDA	UUR	UZL
ZG24CB	2023	E		CVDA	UUR	TFM
ZG24CB	2023	E		DWMA	UUR	TFM
ZG24CB	2024	E		CVDA	UUR	TFM
ZG24CB	2024	E		DWMA	UUR	TFM

## Documents

<b>Document name</b>
<a href="#">master.xml</a>

## Customer statement / workshop findings

### Customer statement

The customer may report an audible ticking noise from the top of the engine, low oil pressure warnings / MIL on the Driver Information Panel, and/or misfiring during engine operation.

### Workshop Findings

Customer findings are verified in the workshop. The following symptoms may be present:

- Audible ticking noise from the valvetrain area.
- Low oil pressure warnings (intermittent).
- Fine metal particles visible in the oil filter and/or large metal debris found in the engine oil sump.

The following misfire DTC may be stored in the engine electronics (diagnostic address 0001):

- **DTC P030000** – Random Misfire Detected

## Technical background

Wear of the rocker arm roller bearings can cause incorrect valve operation, producing a distinctive ticking noise. Unstable valve control may trigger misfires and can cause hydraulic lifters to operate out of their correct range, leading to momentary reductions in oil pressure that may display as warnings. Progressive mechanical wear may release fine metal particles into the oil filter and larger debris into the sump, indicating valvetrain deterioration.

Refer to the '*Measure*' Section and carry out all steps to completion.

## Production change

Not applicable, the service bulletin is investigative/diagnostic only.

## Measure



### WARNING

**ALWAYS** renew the oil filter element when draining and filling with new engine oil. **NEVER** reuse engine oil. Suitably blank all disconnected electrical connectors, electrical connections and pipe work to prevent the ingress of dirt and moisture.



### CAUTION

**Before commencing work on and around the engine, ensure that it has cooled sufficiently, failure to do so may cause injury to personnel. Avoid prolonged and repeated contact with oils and fluids etc. Always protect the skin with impervious gloves. Always wear suitable eye protection.**

 NOTICE

Within this procedure there are single use items which must be replaced and not reused. Ensure that new replacements are available prior to starting this procedure. Also ensure all fasteners are torqued to specification.

 NOTICE

Follow all additional steps, associated operations and warnings within ElsaPro for V8 engine removal and installation as required.

### Record Evidence

Record a short video clearly capturing the ticking or clicking noise.

Determine the applicable diagnostic scenario:

#### Scenario 1 – Ticking Noise Accompanied by Low Oil Pressure / Misfire

- Record a video of the noise and the low pressure indication.
- Proceed directly to Step 1.

#### Scenario 2 – Ticking Noise With *No* Low Oil Pressure / Misfire

Record a video of the reported noise.

Raise a Full Technical DISS and include the following information:

- Confirm the vehicle has full Service history, carried out at the correct time/mileage interval.
- Whether the vehicle has been serviced within the last 12 months.
- Oil specification and quantity used at the most recent service.
- Confirmation that no recent service or repair work could be related.
- Identify whether the noise originates from the upper or lower area of the engine assembly.

Await Bentley Product Support instruction before proceeding.



Dispose of collected engine oil according to local environmental regulations. Refer to *ElsaPro* → *Rep. Gr. 00*



**Figure 1.** Large debris present in oil example

## 1. Inspect Oil Sump

Remove the oil sump (bottom section) and inspect for large metal debris.

Refer to *ElsaPro* → Rep. Gr. 17 – Sump (Bottom Section) – To Remove and Fit

Document all findings with photos and/or video.



Dispose of collected engine oil according to local environmental regulations. Refer to *ElsaPro* → Rep. Gr. 00

## 2. Cam Cover & Valvetrain Inspection (If Debris Is Present)

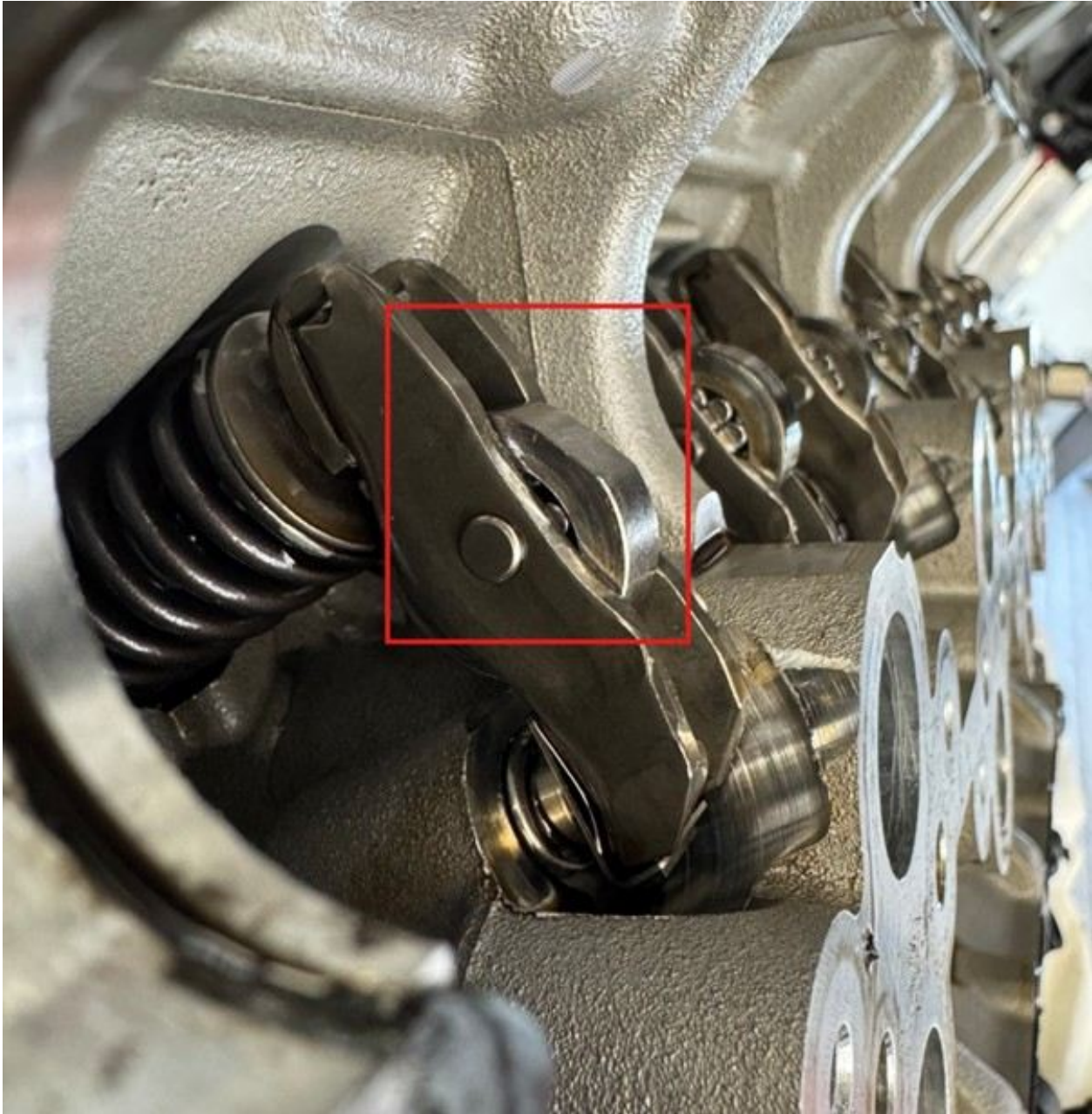
### NOTICE

**Raise a Full Technical DISS for approval by the Powertrain TM before continuing.**

Once authorised, remove both cam covers and inspect rocker arms, roller bearings, and valvetrain for visible wear/damage as shown in figure 2.

Refer to *ElsaPro* → Rep. Gr. 15 – Cylinder Head Cover – To Remove

- Document findings with photos and/or video.
- Reference Service Bulletin 2081085 within the DISS.



**Figure 2.** *Valvetrain visible wear damage example*

### **3.Submit Evidence to Technical DISS**

Attach all supporting documentation to a Technical DISS for review by Bentley Product Support, including:

- Videos (noise and/or low oil pressure)
- Photos of oil contamination
- Sump debris photos/videos
- Valvetrain inspection findings (if applicable)
- Reference completion of Service Bulletin 2081085 in the DISS submission.

### **Warranty accounting instructions**



**In the event that any parts are required to be replaced please refer to the warranty accounting instructions with Elsa pro this is due to the numerous vehicle specification and symptom scenarios.**

Warranty type: 110 or 910

Damage service number: 15 54

Damage code: 00 10

### **Engine Oil Sump – To remove and install**

Labour operation code: 17 50 19 20

Time: 200 TU (Bentayga Series)

Time: 170 TU (Continental GT/GTC/Flying Spur)

- Replacement of major engine components must not be performed without DISS authorisation.
- Warranty claims must include supporting evidence (photographs, sump debris findings, video).

### **Parts information**

*Refer to ETKA parts catalogue for all Single Use items as required per ElsaPro workshop information.*