

Technical product information

Topic	Oil leak from the oil separator/breather connection - Intake manifold whistle - Emission control warning within the DIP
Market area	Russische Föderation (5RU),Australia E04 Bentley rest Asia and Australia (6E04),China 796 VW Import Comp. Ltd (Vico), Beijing (6796),Germany E02 Bentley rest Europe (6E02),Japan E03 Bentley Japan (6E03),Korea, (South) E08 Bentley South Korea (6E08),United Arab Emirates E06 Bentley Middle East and Africa (6E06),United Kingdom E01 Bentley UK (6E01),United States E05 Bentley USA and rest America (6E05)
Brand	Bentley
Transaction No.	2066040/2
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P218700: System too lean at idle, Bank 1		static
0001 - Engine electronics	P21F800: Fuel Control System "B" Too Lean at Idle Bank 1		static
0001 - Engine electronics	P227900: Intake Air System Leak		static
0001 - Engine electronics	P21F400: Fuel Control System "B" Too Lean Off Idle Bank 1		static

New customer code

Object of complaint	Complaint type	Position
engine -> lubrication system -> engine oil	component / consumables -> too little	
engine -> operation, engine control	visual appeal / surface	
vehicle service -> vehicle diagnosis -> guided fault finding	control units, services -> with event log entry	
engine -> induction system, charging systems, vacuum systems	noise, vibration	

Vehicle data

Bentayga-New GT/GTC-New Flying Spur-W12 TSI & Speed models

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S31BB	2018	E		*	*	*
3S31BB	2019	E		*	*	*
3S31BB	2020	E		*	*	*
3S31BB	2021	E		*	*	*
3S31BB	2022	E		*	*	*
3S31EB	2021	E		*	*	*
3S31EB	2022	E		*	*	*
3S41BB	2019	E		*	*	*
3S41BB	2020	E		*	*	*
3S41BB	2021	E		*	*	*
3S41BB	2022	E		*	*	*
3S41EB	2021	E		*	*	*
3S41EB	2022	E		*	*	*
4V14A9	2017	E		*	*	*
4V14A9	2018	E		*	*	*
4V14A9	2019	E		*	*	*
4V14A9	2020	E		*	*	*
4V14A9	2021	E		*	*	*
4V14A9	2022	E		*	*	*
4V14G9	2020	E		*	*	*
4V14G9	2021	E		*	*	*
4V14G9	2022	E		*	*	*

ZG21BB	2020	E		*	*	*
ZG21BB	2021	E		*	*	*
ZG21BB	2022	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Customer statement

- Emission control warning within the DIP

And/or

- Whistling noise(s) from the Inlet manifold

Workshop findings:

Oil leak between the oil separator tank and the Bank 1 breather line connection (Figure 1)

NOTE: Oil leak detection spray is evident within Figure1, the use of detection spray in the example shown highlights the location of the leak



Figure 1

The following DTC's may also be evident

- P218700: System too lean at idle, Bank 1
- P21F800: Fuel Control System "B" Too Lean at Idle Bank 1
- P227900: Intake Air System Leak
- P21F400: Fuel Control System "B" Too Lean Off Idle Bank 1

Technical background

Refer to the Measure section of this TPI

TIP: Due to multiple model types affected the photographs shown within this TPI are for reference purposes only, please always refer to the applicable Rep.Gr and the ETKA parts catalogue

This TPI is applicable to all W12 TSI models including W12 TSI Speed models

Production change

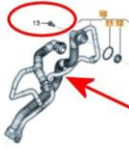
Measure

- 1) Referring to Rep.Gr 17 - Gain access to the oil separator tank
- 2) Referring to Figure 2 - Replace the following parts and all associated parts as detailed within the applicable Rep.Gr and the ETKA parts catalogue

- Item 10

Note: Items 11 and 12 are automatically supplied with item 10

- Item 11
- Item 12



▶ 10	Breather line		1
11	1 set: round seals Contains: O-ring O-ring	18X2,5 33X2,5	1
12	O-ring	18X2,5	2
	Included in position: 11		

Figure 2

NOTE: When refitting the new replacement breather line and O-rings, ensure the fixings shown in Figure 2 - Item 13 are secured to 10Nm

3) Check to confirm the oil leak is rectified, In the event the leak has been rectified no further action is required

Or

In the event the leak is still evident the operative should conduct step 4 to completion

4) Referring to Rep.Gr 17 - Replace the oil separator tank (Figure 3) and all associated parts as detailed within the applicable Rep.Gr and the ETKA parts catalogue

IMPORTANT: The O-Rings which were replaced as part of Step 2 (Figure 2 Items 11 and 12) must be ordered and replaced, DO NOT reuse the O-Rings regardless of the short time in which they were fitted

(1)	oil separator D - 07.06.2021>>		1
2	Securing element Included in position: 1		
3	Seal		1

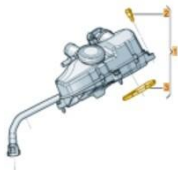


Figure 3

• Check to confirm the leak has been rectified, In the event the leak has been rectified no further action is required

Or

In the event the leak is still evident the operative should raise a DISS or respond via an existing query and await feedback before conducting any further work

Warranty accounting instructions

Time to replace the oil separator tank - New Continental

GT/C Warranty Type 110 or 910

Damage Service Number 10 55

Damage Code 00 50

Labour

Labour Operation Code 10 55 19 00

Time 100 TU

Bentayga

Labour

Labour Operation Code 10 55 19 00

Time 60 TU

New Flying Spur

Labour

Labour Operation Code 10 55 19 00

Time 110 TU

Time to replace the breather assembly (New Continental GT/C and New Flying Spur)

Warranty Type 110 or 910

Damage Service Number 10 52

Damage Code 00 50

Labour

Labour Operation Code 10521900

Time 10 TU

Bentayga

Labour Operation Code 10521999

Time 10 TU

[Parts information](#)

Refer to the ETKA parts catalogue