

Technical product information

Topic	Whistling noises from engine compartment - V8 4.0 TFSI
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2052076/2
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P050700: Idle Control System RPM Higher than Expected		Intermittent
0001 - Engine electronics	P227900: Intake Air System Leak		Intermittent

New customer code

Object of complaint	Complaint type	Position
whole vehicle -> vehicle areas -> engine compartment	noise, vibration -> whistle	
engine -> engine operation -> engine refinement	noise, vibration -> whistle	
information, navigation, communication, entertainment -> symbolic fault indicators -> emission control system fault indicator	functionality -> activates	
engine -> engine operation -> engine refinement	functionality -> uneven	
whole vehicle -> vehicle areas -> engine compartment	noise, vibration -> whine	
engine -> engine operation -> engine refinement	noise, vibration -> noise	
whole vehicle -> vehicle areas -> engine compartment	noise, vibration -> noise	

New workshop code

Object of complaint	Complaint type	Position
engine -> lubrication system -> crankcase ventilation oil separator	leaks -> leaking	
engine -> lubrication system -> crankcase ventilation oil separator	component / consumables -> damaged	

Vehicle data

Continental Series and Flying Spur equipped with V8T engine

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3932*	2012	E		*	*	*
3932*	2013	E		*	*	*
3932*	2014	E		*	*	*
3932*	2015	E		*	*	*
3932*	2016	E		*	*	*
3932*	2017	E		*	*	*
3942*	2012	E		*	*	*
3942*	2013	E		*	*	*
3942*	2014	E		*	*	*
3942*	2015	E		*	*	*
3942*	2016	E		*	*	*
3942*	2017	E		*	*	*
3942*	2018	E		*	*	*
4W22*	2014	E		*	*	*
4W22*	2015	E		*	*	*
4W22*	2016	E		*	*	*

4W22*	2017	E		*	*	*
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Documents

Document name
master.xml

Whistling noises from engine compartment - V84.0 TFSI

Customer statement / workshop findings

Customer statement:

- Whistling noise from engine compartment at idle speed
- Engine warning light (MIL) sporadically on
- The noise often only occurs when the engine is warm

Workshop findings:

- Event entries:

P2279 - air leaks in intake system

or

P0507 - idle speed over specified value

- Deviating crankcase vacuum, specified value -150 mbar

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Try to reproduce the customer complaint so that it can be clearly assigned to this TPI. The following measure must only be carried out, if the model type and symptoms match exactly.

Otherwise this solution won't work and repeat repairs may be necessary. In such a case, we may reject the warranty claim and re-debit the parts.

Technical background

A leak in the crankcase breather module (pressure regulating valve) can lead to the above deviation

Production change

All vehicles which are fitted with part number 079 103 542D or higher should not experience this issue, should the issue be evident and the part number is 079 103 542D or higher raise a DISS query.

Order the latest specification part as per ETKA parts catalogue.

Measure

1. Check the complaint against the video located on the Bentley Hub referencing TPI2052076/-
2. Referring to the video, confirm/check if removing the dipstick or oil filler cap affects the noise, if the noise changes the oil separator is the cause
3. If both checking criteria apply (as shown in the video) replace oil separator - Refer to workshop manual Rep.Gr 17 Engine lubrication - Oil separator - To remove and fit

Warranty accounting instructions

WarrantyType 110 or 910

Damage Service Number 17 53

Damage Code 00 20

Labour

Labour operation code 17 53 55 20

Time 870 Time units

Parts information

Description	Part Number	Quantity
Oil Separator	Refer to ETKA parts catalogue	1
Oil separator replacement additional parts	Refer to ETKA parts catalogue	Refer to Elsa Pro