

# Technical Service Bulletin

<b>Topic</b>	High pitched whistle from the engine - Warning light within the DIP - Engine not running smoothly - Numerous DTC's
<b>Market area</b>	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
<b>Brand</b>	Bentley
<b>Transaction No.</b>	2075922/2
<b>Level</b>	EH
<b>Status</b>	Released for publishing
<b>Release date</b>	Mar 4, 2025

## Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0001 - Engine electronics	P030000: Random Misfire Detected No Sub Type Information		Intermittent
0001 - Engine electronics	P030000: Random Misfire Detected No Sub Type Information		static
0001 - Engine electronics	P030500: Cylinder 5 Misfire Detected No Sub Type Information		Intermittent
0001 - Engine electronics	P030500: Cylinder 5 Misfire Detected No Sub Type Information		static
0001 - Engine electronics	P030600: Cylinder 6 Misfire Detected No Sub Type Information		Intermittent
0001 - Engine electronics	P030600: Cylinder 6 Misfire Detected No Sub Type Information		static
0001 - Engine electronics	P030700: Cylinder 7 Misfire Detected No Sub Type Information		Intermittent
0001 - Engine electronics	P030700: Cylinder 7 Misfire Detected No Sub Type Information		static
0001 - Engine electronics	P030800: Cylinder 8 Misfire Detected No Sub Type Information		Intermittent
0001 - Engine electronics	P030800: Cylinder 8 Misfire Detected No Sub Type Information		static
0001 - Engine electronics	P01C900: Fuel Rail/System Pressure Bank 2 Too High		Intermittent
0001 - Engine electronics	P01C900: Fuel Rail/System Pressure Bank 2 Too High		static
0001 - Engine electronics	P227900: Intake Air System Leak		Intermittent
0001 - Engine electronics	P227900: Intake Air System Leak		static
0001 - Engine electronics	P036300: Misfire Detected - Fueling Disabled No Sub Type Information		Intermittent
0001 - Engine electronics	P036300: Misfire Detected - Fueling Disabled No Sub Type Information		static
0001 - Engine electronics	P016A00: Excessive Time To Enter Closed Loop Air/Fuel Ratio Control		Intermittent
0001 - Engine electronics	P016A00: Excessive Time To Enter Closed Loop Air/Fuel Ratio Control		static

## New customer code

Object of complaint	Complaint type	Position
engine -> cooling, lubrication	functionality	
engine -> emissions control	control modules, services	
engine -> engine operation -> engine running	noises, vibrations -> noise	
vehicle service -> vehicle diagnosis -> Guided Fault Finding (GFF)	control modules, services -> with fault stored in the DTC memory	
engine -> lubrication system	noises, vibrations	

## Vehicle data

### Bentayga Series - V8 Kovomo

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V14D9	2018	E		*	*	*
4V14D9	2019	E		*	*	*
4V14D9	2020	E		*	*	*
4V14D9	2021	E		*	*	*
4V14D9	2022	E		*	*	*
4V14D9	2023	E		*	*	*
4V14D9	2025	E		*	*	*
4V15D9	2024	E		*	*	*
4V15D9	2025	E		*	*	*
ZV14D9	2023	E		*	*	*
ZV14D9	2024	E		*	*	*
ZV14D9	2025	E		*	*	*

## Documents

Document name
master.xml

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## Condition

### Customer statement/Workshop findings

- Emission control warning light evident within the DIP (Figure 1)



Figure 1

- Engine not running/idling smoothly
- High pitched whistle from the right and left hand side of the engine *TIP: Refer to video within the Bentley Hub referencing TPI 2075922/-*
- A selection of DTC's are evident (as per TPI Event memory entries)

## Technical Background

Air intake leak - Please refer to the instructions within the Measure section of this TPI

## Production Solution

Not applicable

## Service

1) At engine idle speed - Listen for air leaks/whistle noise from right hand side of engine

- Attempt to clear all related DTC's
- Conduct an ignition cycle
- Recheck for the presence of any related DTC's/symptoms **NOTE:** In the event of related DTC's and symptoms returning carry out the remaining instructions

2) Referring to Figure 2 - Replace the following:

- Bank 1 Breather line (Point A) and fixing (Point B) - Refer to applicable sections from Rep.Gr 10 - Oil mist separator bank 1 - To remove and fit
- Replace the oil filler pipe seal to the Bank 2 oil separator (Point C)
- Replace the Bank 2 Breather line (Point D) - Refer to applicable sections from Rep.Gr 10 - Oil mist separator bank 1 - To remove and fit

Then

Replace the oil filler pipe including all seals (Figure 3) - Refer to applicable sections from Rep.Gr 10 - Oil mist separator bank 2 - To remove and fit



## Warranty

Warranty Type - 110 or 910

Damage Service Number 10 50

Damage Code 00 20

### **Time to replace all listed / mentioned parts**

Labour Operation Code 10 52 41 22

Time 50 Time units

### **Diagnosis time**

Labour Operation Code 01 50 00 00

Time As per ODIS log (Must not exceed 20 TU)

## Required Parts and Tools



**VERY IMPORTANT: ALL PARTS LISTED BELOW MUST BE ORDERED AND REPLACED - REFER TO THE ETRKA PARTS CATALOGUE FOR THE LATEST AVIALBLE SPECIFICATION PARTS, THE PART NUMBERS SHOWN ARE FOR GUIDLINE PURPOSES ONLY AND ARE SUBJECT TO CHANGE WITHOUT NOTICE**

Part number	Description	Quantity
0P2 103 211B	Bank 1 - Breather line	1
0P2 103 448	Fixing	1
4M0 115 301M	Oil filler pipe	1
06M 103 727A	Oil filler pipe seal to Bank 2 oil separator	1
0P2 103 210B	Bank 2 - Breather line	1