

Technical Service Bulletin

Topic	Ticking noise from engine bay
Market area	Bentley: worldwide (2WBE),Hongkong-Macau (5HK)
Brand	Bentley
Transaction No.	2050334/5
Level	EH
Status	Released for publishing
Release date	May 20, 2019

New customer code

Object of complaint	Complaint type	Position
engine -> intake system, compressor systems, vacuum system	noises, vibrations	

New workshop code

Object of complaint	Complaint type	Position
engine -> intake system, compressor systems, vacuum system -> central supply vacuum pump	noises, vibrations -> noise	

Vehicle data

Bentayga W12 - New Continental GT - New Continental GTC

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2018	E		*	*	*
3S3*	2019	E		*	*	*
3S3*	2020	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
4V14A9	2017	E		*	*	*
4V14A9	2018	E		*	*	*
4V14A9	2019	E		*	*	*
4V14A9	2020	E		*	*	*

Documents

Document name
master.xml

Condition

Ticking noise emanating from rear of Bank 1 cylinder head

Technical Background

Noise from failed vacuum pump

Production Solution

N/A

Service

A specific vacuum pump failure is known to create a ticking noise.

This ticking noise, on initial inspection, is easily misinterpreted as a fault in the valve train or fuel injector, when in reality it is more likely to be produced by a defective vacuum pump. Therefore always ensure that this type of noise is identified precisely using a stethoscope. Specifically use the stethoscope to check the vacuum pump located at the rear of Bank 1 cylinder head, when this is found to be the origin of the noise then change the vacuum pump and retest.

Note: Typically no Diagnostic Trouble Codes (DTCs) or other symptoms are experienced by the customer with this failure