

Technical product information

Topic	Emission control warning displayed - (DTC) P227900 - Intake air leak
Market area	Bentley: worldwide (2WBE),Hongkong-Macau (5HK)
Brand	Bentley
Transaction No.	2051205/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> symbolic fault indicators -> emission control system fault indicator	functionality -> activates	
engine -> engine operation -> power development -> engine power	dimensional accuracy -> too low	

New workshop code

Object of complaint	Complaint type	Position
engine -> induction system, charging systems, vacuum systems -> charge-pressure control line	leaks -> leaking	
engine -> induction system, charging systems, vacuum systems -> turbocharger -> charge-air pressure control diaphragm actuator	leaks -> leaking	

Vehicle data

Bentayga W12

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V14A9	2017	E	SUV BY636 447/W128AG	DDBB	QTZ	QUS
4V14A9	2017	E	SUV BY636 447/W128AG	DDBB	RGQ	QUS
4V14A9	2017	E	SUV BY636 447/W128AG	DDBB	SHT	QUS
4V14A9	2018	E	SUV BY636 447/W128AG	DDBB	QTZ	QUS
4V14A9	2018	E	SUV BY636 447/W128AG	DDBB	RGQ	QUS
4V14A9	2018	E	SUV BY636 447/W128AG	DDBB	SHT	QUS

Documents

Document name
master.xml



Customer statement / workshop findings



Emission control warning illuminated/engine power deficient

Technical background

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Production change

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Measure

In the event that the above customer concern is reported and Diagnostic Trouble Code (DTC) P227900 Intake air system leak is recorded in the engine control module, then there are two known issues that should be considered as part of your investigation and fault rectification.



Figure 1

1. Split vacuum hose onto the waste-gate (see Figure 1), confirmed with visual inspection or smoke test. Replace the failed pipe to resolve the issue
2. Failed waste-gate diaphragm, the use of a Mityvac is recommended to confirm the presence of an internal leak in the turbocharger waste-gate or smoke test. Once confirmed the turbo charger assembly must be replaced

Parts information

Part numbers must be sourced using VINFI search in ETKA

The required replacement parts should be ordered from Bentley Motors Limited Crewe or through your regional Bentley parts distribution centre