

Technical product information

Topic	Misfiring, 4.0l TFSI
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2041495/1
Level	EH
Status	Released for publishing
Release date	09-Oct-2015

New customer code

Object of complaint	Complaint type	Position
Information, navigation, communication, entertainment -> Symbolic fault indicators -> Engine management fault indicator (Petrol)	functionality -> activates	
Information, navigation, communication, entertainment -> Symbolic control indicators -> EPC indicator light	functionality -> activates	

Vehicle data

TFSIV84.0l

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		*	*	*
39349B	2015	E		*	*	*
3942*	2012	E		*	*	*
3942*	2013	E		*	*	*
3942*	2014	E		*	*	*
3942*	2015	E		*	*	*
3942*	2016	E		*	*	*
4W22*	2012	E		*	*	*
4W22*	2013	E		*	*	*
4W22*	2014	E		*	*	*
4W22*	2015	E		*	*	*
4W22*	2016	E		*	*	*

Documents

Document name
master.xml
master.doc

Customer statement / workshop findings

Customer statement:

Engine warning light on.

Workshop findings:

Event entry under diagnosis address 01:

P0300 – misfiring

P030X - misfiring on cylinder X (X corresponds with cylinders 1-8)

Technical background

Deviations in the country-specific fuel specifications can lead to carbon deposits on the injectors. If pronounced, these deposits can change the injection pattern and therefore influence the combustion in the cylinder. As a result the above event entries are logged in the engine control unit.

Production change

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Measure

Deal with the complaint using the Guided Fault Finding in ODIS.

To rule out the spark plug and the ignition coil as the cause of the complaint swap round the plugs and coils of the affected cylinder(s) as described in the Guided Fault Finding.

If the event entry stays for the originally affected cylinder, we recommend the use of the fuel additive with the Part No. G 001 770 A2 according to its instructions.

After adding the specified concentration to the tank an extensive test drive is recommended.

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At every service on vehicles with 4.0l TFSI engine this fuel additive is put in the tank as a precautionary measure to loosen non-critical carbon deposits in the combustion chamber. The preventive use of this additive also has a conserving effect as it reduces the carbon deposits in the combustion chamber.

Warranty accounting instructions

Warranty Type 910 or 110

Labour Operation Code For the guided fault finding 01 29 00 xx with the corresponding TU
For the test drive 01 21 00 00 with 50 TU

Damage Service Number 28 70

Damage Code 00 55