

Technical Service Bulletin

Topic	Battery Management Fault Code - U105300
Market area	Worldwide Bentley (1WBE)
Brand	Bentley
Transaction No.	2030992/3
Level	EH
Status	Released for publishing
Release date	Sep 9, 2013

New customer code

Object of complaint	Complaint type	Position
Power, vehicle electrical system, data transfer -> Battery management	Functionality	

New workshop code

Object of complaint	Complaint type	Position
Power, vehicle electrical system, data transfer -> Power supply -> Generator	Component, automotive fluids -> Installed incorrectly	
Power, vehicle electrical system, data transfer -> Databus systems -> LIN wire	Component, automotive fluids -> Installed incorrectly	

Vehicle data

12 MY onwards Continental family and Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
39**	2012	E		*	*	*
39**	2013	E		*	*	*
3W*	2012	E		*	*	*
3W*	2013	E		*	*	*
4W21*	2014	E		*	*	*
4W21*	2015	E		*	*	*
4W21*	2016	E		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	***	*	*	*	C	069713	099999		

Documents

Document name
master.xml
master.doc

Condition

No customer fault / Workshop identifies diagnostic fault code U105300 in the battery management control module during routine diagnostic sweep

Technical Background

A change to the voltage regulator component in the alternator (part number 3Y0903021A) is thought to have led to a LIN communications fault code being recorded in the battery management control module. This code can be cleared using Bentley diagnostic procedures but the code will reappear. The power supply and charging functionality of the alternator is not affected by the presence of this code.

Production Solution

This diagnostic fault code does not affect the functionality of the vehicle. Investigations as to the cause are on-going and any permanent solution will be communicated when available

Service

Unless a qualified alternator related problem is present on the vehicle then the fault code U105300 should be ignored and no action taken.