

## Technical Service Bulletin

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