# **Technical product information**

Торіс	New Continental GT, GTC and Flying Spur - Suspension Warning Lamp
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2059172/4
Level	EH
Status	Approval
Release date	

#### New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> symbolic fault indicators -> shock absorber control system fault indicator	functionality -> activates	
information, navigation, communication, entertainment -> symbolic warning indicators	functionality	
running gear -> shock absorber/suspension control -> automatic shock absorber adjustment	functionality -> defective function sequence	

#### New workshop code

Object of complaint	Complaint type	Position
running gear -> adaptive suspension, pitch and roll compensation -> self-levelling suspension valve unit	control units, services -> with event log entry	

# Vehicle data

# **Continental GT**

### Sales types

Туре	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2018	E		*	*	*
3S3*	2019	E		*	*	*
3S3*	2020	E		*	*	*

## **New Flying Spur**

### Sales types

Туре	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
ZG2*	2020	E		*	*	*

## **New Continental GTC**

## Sales types

Туре	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*

# **Documents**

Document name		
master.xml		

## Technical product information New Continental GT, GTC and Flying Spur - Suspension Warning Lamp

# Customer statement / workshop findings

Suspension warning lamp illuminated on Driver Instrument Panel (DIP).

"Bentley dynamic ride system: fault - Adapt driving style - See handbook" displayed on DIP.

Red or yellow Suspension warning lamp illuminated on DIP.

Diagnostic Trouble Code (DTC) U005600: Vehicle communication BUS D performance, Symptoms 12689537, 12689541 or 12689542 stored within address's 0074 - Chassis Control, 00D4 – Roll Control System 1 or 00D5 – Roll Control System 2.

Various Suspension related DTC's stored within address's 0074 - Chassis Control, 00D4 – Roll Control System 1 and 00D5 – Roll Control System 2.



## Technical background

A communication error on Controller Area Network (CAN) Bus D-private CAN network, may result in multiple DTC's being stored within 0074 - Chassis Control, 00D4 – Roll Control System 1, 00D5 – Roll Control System 2.

## Production change

Software update introduced from VIN SCBCB2ZG3LC082234.

## Measure

Continue to follow this document only with the confirmed presence of Diagnostic Trouble Code (DTC) U005600: Vehicle communication BUS D performance, Symptoms 12689537, 12689541 or 12689542 stored within address's 0074 - Chassis Control, 00D4 – Roll Control System 1 or 00D5 – Roll Control System 2

Where applicable the operative MUST refer to 48V system - Safety precautions Rep.Gr 27

- Check all electrical connectors are secure on the Chassis Control Module, Roll Control System 1 and Roll Control System 2.
- · Check for damage to all associated harness's and the general cleanliness of Connectors and Chassis Control Modules.
- Check the current software version for address 0074 Chassis Control, for vehicles not currently showing software 1140 refer the DISS query for second level advice it will be necessary to replace the ECU. If advised to change the ECU refer to Repair Group 43 Self-levelling air spring system Air suspension Air suspension control module (J197) To remove and refit.
- · For vehicles that are currently showing software 1140 proceed to update the Control Unit as follows:-

## •

Note: The closed- circuit voltage of the vehicle must be at least 12.5 V during the update. Connect the vehicle battery to an external power supply. For further information see the maintenance or repair manual.

- During the update switch off all unnecessary consumers (ventilation, seat heater, interior illumination etc)
- Because of the highest transmission stability you MUST use the diagnosis interface VAS 6154 (WiFi diagnostic tool) ONLY in USB operation or the cable-connected VAS 5055 for the reprogramming (updating) of control units. If these units are not available, the diagnosis interface VAS 5054 (A) can also be used in USB mode
- · Do Not under any circumstances use a Bluetooth connection to conduct the reprogramming (updating) of control units

Select and run Guided Fault Finding. Within the "Special functions" tab select "SVM – Code Input", then select "Perform test" - Figure 1.

Importer: Dealer: Job:	E01 01000	Vehicle identification no.: Engine:	SCBCS13S0LC078715 GT 4.0L V8	🧀 🦺 🍗	Processor Processor Sentem Marcel
Control units J	obs DISS TPI Test pl	an Sequence Special functions			Uperating modes * Diagnosis
Tests for the co	omplete vehicle				Call demants
Status	Tests			2	B Self-diagnosis
-	Immobilizer - Sp	ecial Function			S Flash re-programming
-	Service Immobil	zer			Can Test instruments
	Software Versions Mana	igement (SVM)			😝 Info
-	Check SVM con	nmunication			Admin
-	Delete Activation	15			
-	Erase fault mem	ory - overall system			Protocol *
-	SVM - Check ve	hicle configuration			Data *
-	SVM - Code Inp	u			Current view
-	SV/M 2.0 . Active	tions			D Print
	SVIM 2.0 - ACTIVE	autorits		3	Diagnostic session
VM - Direct in control units	put: SVM code for proble is to be made by means	em-related updateThe SVM - Direct input: 5 of a so-called SVM code. Possible change	SVM code for problem-related update is a es may be: hardware test; software modifi	applied when a specific change * ication by update programming;	Stop
Perform test	Show documents				> 🛛 🗿
<b>9</b> 🖸		i 🔹 🔹 📹 G (	o 🙆 🛷 🔁 💽		• ♥ P• € at 21/07/2020

### Figure 1.

On the next screen enter the correct SVM code for your vehicle (see table below) and select "Adopt" - Figure 2.

venicie	SVM Code	
Flying spur	37174SW01	
Continental GT and GTC	37074SW01	

On the following screen confirm the SVM code is correct.



### Figure 2.

All control modules will be interrogated.

The software of address "0074 - Chassis control" will then be updated - Figure 3.

Offboard Diagnostic	Information System Service -	61.0				0 3
Importer: Dealer: Job:	E01 01000	Vehicle identification no.: Engline:	SCBCS13S0LC078715 GT 4.0L V8	🧈 🧞 🍾		MAD KODIC MATCH AI
	DISS TPI Test pl	Sequence Special functions			Operating modes	*
SVM - Direct inp	ut: SVM code for prob	lem-related update			Se l'indesnie	
Update program	ming				👔 Self-diagnosis	
The selected fea	ture of Software Versi	on Management (SVM) will be executed.	*		Flash re-program	
Status:	ming on the following o	control unit is started				
0074 - Chassis	control	Note	when we are added that are not be interested		😭 into	
(Durasze	control	User entrie	is are therefore not possible at the moment.		i annio	
Switching off	the ignition or unplu	igging the diagnostic co				
ule condoi di	in needs to be replac				Protocol	*
Please wait, the	vehicle diagnostic test	er will continue to switch automatically.			Save	
	4				Dirint	
					Diagnostic protocol	
0		6% Estimated time remaining: 00:00:31	100		Send	
		K < > >	Help Cancel test		* 🕅	0
				Execution of th	e test	1
🚯 🖸	🚞 🗱 N	i 💁 🔹 🕒 🔹	💿 🙆 🐼 😑 💿		· · · · · · · · · · · · · · · · · · ·	07:54 12/07/2020
Figure 3.						

Once the software has been updated the parameter and calibration settings will be applied - Figure 4.



#### Figure 4.

When complete and at the confirmation screen select "Done/Continue" - Figure 5.



#### Figure 5.

The summary screen will then be displayed, select "Done/Continue" - Figure 6.



## Figure 6.

Follow the on screen prompts until "Program end".

After the update programming is complete, transmission gear selection may not be possible, carry out the following steps in the order stated below;

- Switch off vehicle ignition.
- Remove the diagnostic interface from the On-Board Diagnostic (OBD) port.
- · Switch off and remove the battery charger from the vehicle.
- Close the bonnet and all doors, lock the vehicle.

- Wait 5 minutes, the vehicle will enter CAN silence.
- When 5 minutes has elapsed, unlock the vehicle and open the driver's door.
- Switch on the vehicle ignition.
- Confirm transmission gear selection is possible.
- Check / Reset vehicle suspension ride height.

# Warranty accounting instructions

WarrantyType	110 or 910
Damage Service Number	97 09
Damage Code	00 40
Labour Operation Code	97 09 41 53 – 3 off cable checks
Time	50TU
Labour Operation Code	43161901 - Chassis Control Module - Remove and reinstall
Time	50TU
Labour Operation Code	01510000 - Software update
Time	Time taken from diagnostic log (40TU Max).
Labour Operation Code	01500000 Guided functions - Suspension ride height Check/Re-set.
Time	Time taken from diagnosticlog.

## Parts information

Refer to the electronic parts catalogue (ETKA) for the latest part information.