Technical product information

Торіс	Bentayga - DTC C103129 - Air suspension warning displayed in Driver Instrument Panel			
Market area	entley: worldwide (2WBE),Hongkong-Macau (5HK)			
Brand	Bentley			
Transaction No.	2051818/1			
Level	EH			
Status	Discussion			
Release date				

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0074 - Chassis Control	C103129: Level control pressure sensor Implausible signal		Intermittent
0074 - Chassis Control	C103129: Level control pressure sensor Implausible signal		static

New customer code

Object of complaint	Complaint type	Position
running gear -> shock absorber/suspension control -> roll compensation	functionality -> without function / defect	
running gear -> adaptive suspension, pitch and roll compensation	functionality	
vehicle service -> vehicle diagnosis	control units, services	

New workshop code

Object of complaint	Complaint type	Position
running gear -> actuation, dynamics and braking controls -> control unit for anti-roll bar decoupling	functionality -> faulty	

Vehicle data

Bentayga

Sales types

Туре	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V1*	2017	E		*	*	*
4V1*	2018	E		*	*	*

Chassis numbers

Manufacturer	Filler	Туре	Filler	MY	Factory	From	То	Prod from	Prodto
SJA	*	*	*	*	С	000001	023610		

Documents

Doc	ument name
mas	ter.xml
[

Customer statement / workshop findings

Air suspension system warning displayed in the Driver Instrument Panel (DIP)



Technical background

Diagnostic Trouble Code (DTC) C103129 Level control pressure sensor Implausible signal symptom (DTC) stored in the Chassis control unit (Address 74)

Production change

This TPI is only applicable to Vehicles which have software version less than 1244 installed in the Adaptive suspension control unit - J197 (Address 74) Following a successful update, the part number will change to 4M0 907 777L with software version 1244

Measure

1. Ensure a suitable battery charger is correctly connected to the vehicle electrical system for the duration of this procedure

Figure 1

2. Ensure the ignition key is located in the remote control key reader and switch on the ignition (Figure 1)



3. Connect the Bentley approved diagnostic tool to the vehicle On Board Diagnostic (OBD) socket. NOTE: The process is Initiated via Bentley diagnostic tool (VAS 6150C or similar) using a hard wire connection to the vehicle OBD socket, Bluetooth connections should not be used

Your Bentley diagnostic tester must be loaded with Bentley Brand Diagnostic Data Version 2.24.7 or higher

4. From the diagnostic tool main desktop select the Off Board Diagnostic Information System 📃

- 5. Select Start diagnosis
- 6. Select Model / Engine



Figure 2

7. Referring to Figure 2 - Select Special functions (1), Select SVM – Problem related Hardware/Software Update (2), Select Perform test (3)

Importer: Dealer: Job:	INT 00083	Vehicle Identification no.: Engine:	SJAAF14V0JC020040 Bentayga 6.0L W12	9	BENTLEY	
S-0.1-0.1	- DISS TPL	Sequenze			Operating modes	* -
SVM - Problem	related hardware and soft	ware update		V074TPIUPDATE	😍 Diagnosis	
Enter SVM code	e			Adopt	#	
Software Vers	ion Management (SVM)		1		d -	
You have select	ed the program for problem	n-related updating	/		Test instruments	
- Enter the requi	ired SVM code				info	
1 Note					0	
SVM codes are • Technical Bi	e to be found in various me ulletins	edia:	2/			
 Update CD Descriptions 	of field actions		-	Function description	Protocol	*
C. C					Data	*
					Current view	
					Print	
					Diagnostic session-	
			2			
	ŀ		Cancel test		» 🖾	3
				S Freedon de	v lett	-

Figure 3

8. Referring to Figure 3 – At the SVM screen (1) enter the specific SVM code 4V074TPIUPDATE and then select Adopt (2)

Droker: Job	E03 09014 	Vetra konstrator Engle:	-	e 🖗 💱 🚴	BENTLEY	
-	10001 (000)	Careline -			Operating modes	2
SVM - Phateen	related bailtwine and set	www.updaw		itira .	Condumit	
Enter SVM cod	e			No	1.20	
The SVM code 4V0741	PIUPDATE-	.1			Con Testigonoruminan	
Do you want t	o apply the entered SVN	1 code?			😻 Inità	
				Europan description	Promical	
					Data	
					Extran	4
1.1					Help	
Ge I	ł	< < > >	Paris Carcal Init			8
				townshind and	an ang	-

Figure 4

- 9. Referring to Figure 4, Check you have entered the correct SVM code (1) and select Yes (2) and followallon screen prompts
- $10. \ When \ prompted \ enter \ your \ global user \ ID and \ password$
- 11. Follow all on screen prompts to continue through the procedure, the identification data will be transferred

12. Once software that requires changing is detected select Done/Continue, Follow all on-screen prompts the online connection will deliver the required software to the tester



Figure 5

13. Select Yes to update (Figure 5 point 1)



Figure 6

14. During the update a progress bar will be displayed (Figure 6)

- Follow all remaining on-screen prompts



Figure 7

- 15. Select Done/Continue at successfully completed screen to finalise the update (Figure 7)
- 16. Clear the vehicle of any fault codes generated as a result of performing this procedure



Figure 8

- Referring to Figure 8, Carry out the Ride height Calibration Full Process
- Clear the vehicle of any fault codes generated as a result of performing this procedure
- When requested to Makea Target/Actual comparison Select Yes and followallon-screen prompts

Warranty accounting instructions

Warranty Type	110 or 910
Labour Operation Code	01290007
Damage Service Number	4316
Damage Code	00 40
Time	70 Time units