Technical product information

Topic	Bentayga - DTC C103129 - Air suspension warning displayed in Driver Instrument Panel
Market area	Bentley: 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

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

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SJA	*	*	*	*	C	000001	023610		

Documents

Document name
master.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)
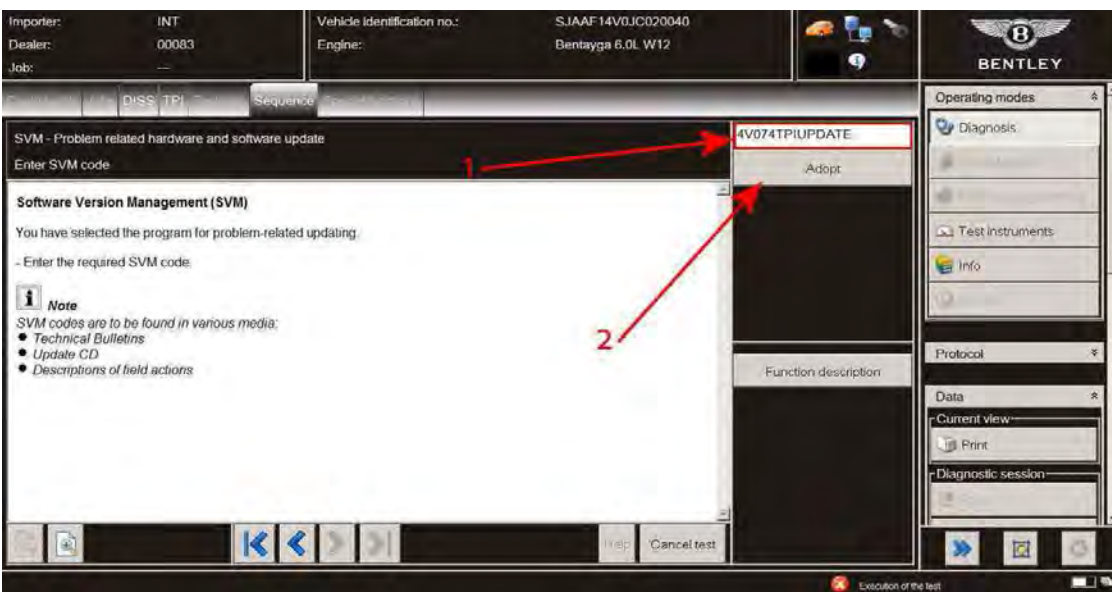

Figure 3

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

Figure 4

9. Referring to Figure 4, Check you have entered the correct SVM code (1) and select Yes (2) and follow all on 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
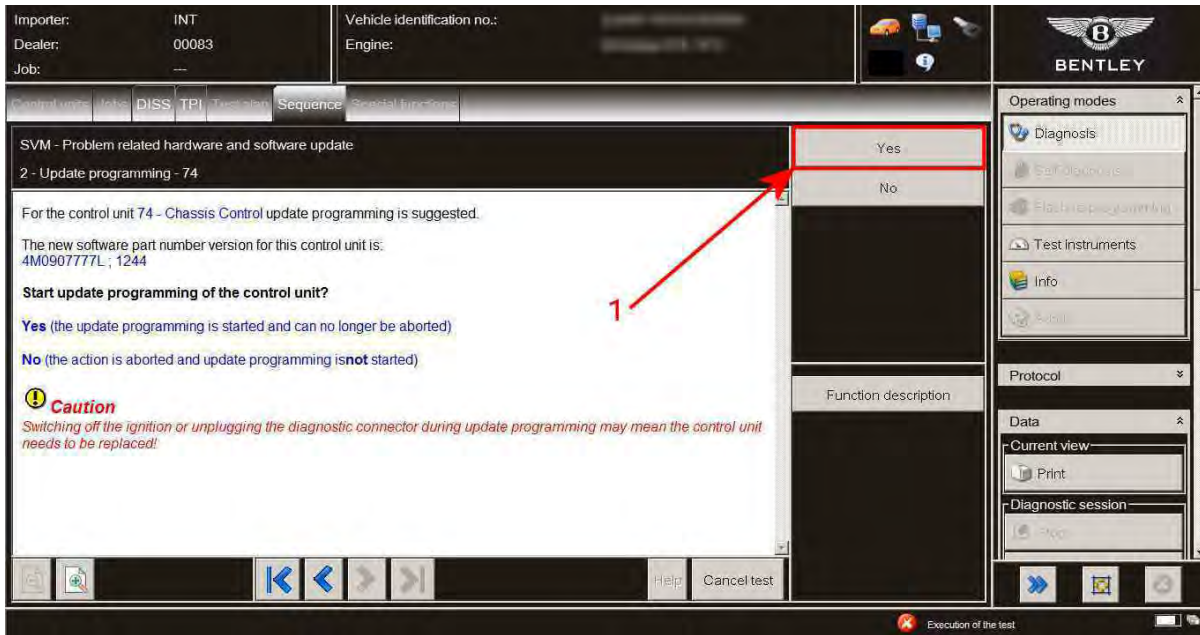

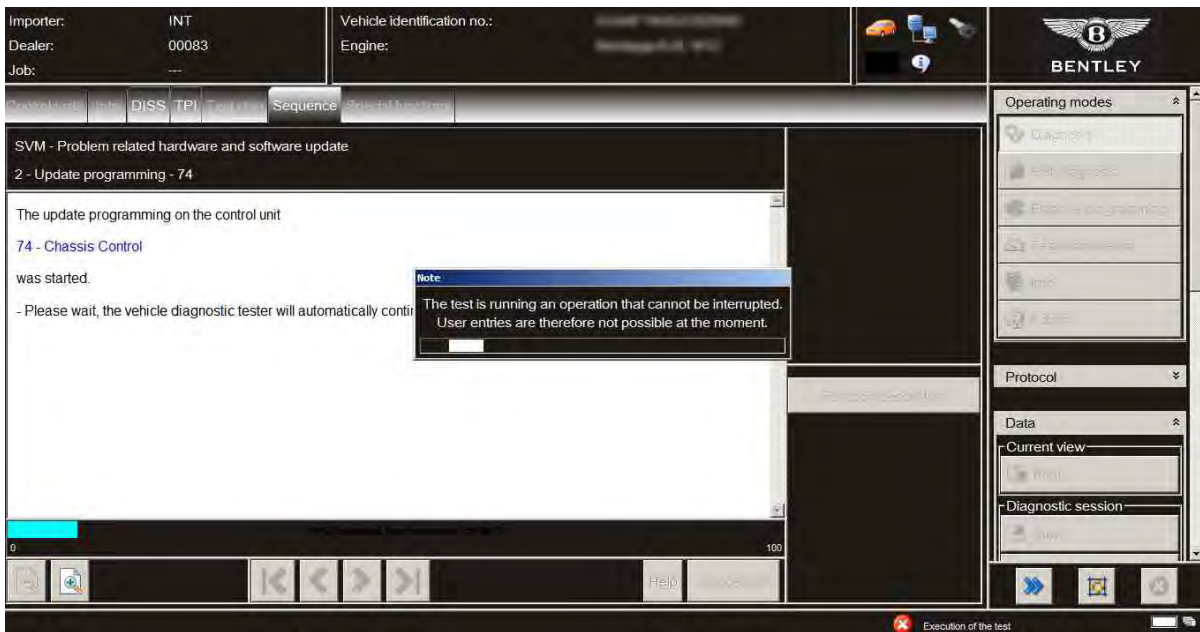Figure 5

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

Figure 6

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

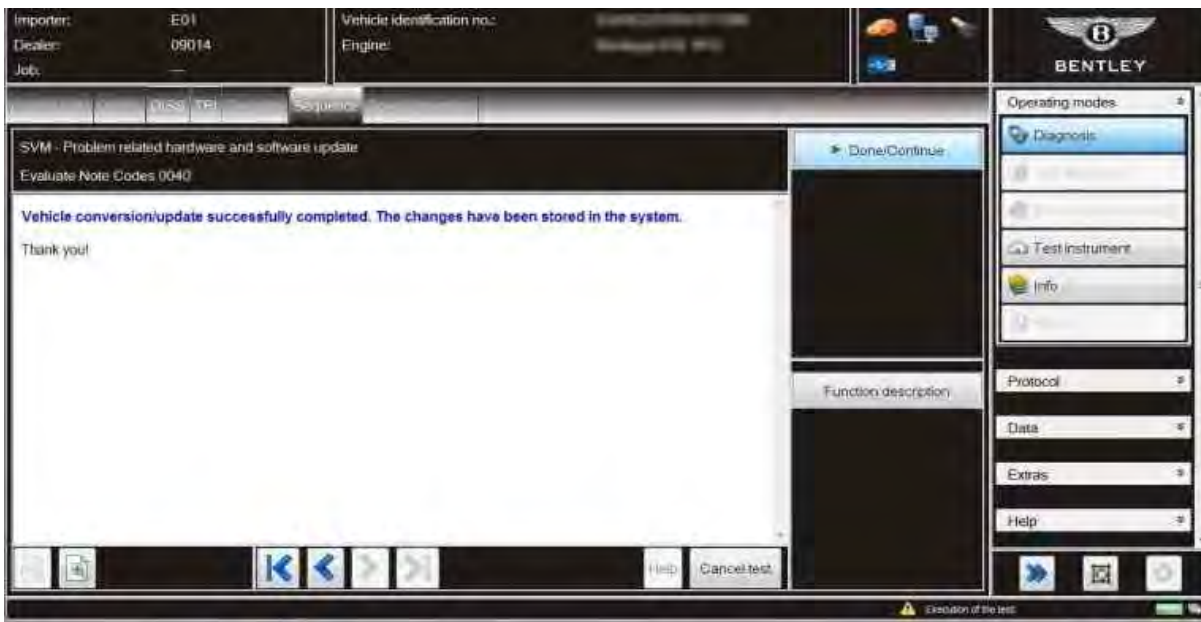- Follow all remaining on-screen prompts

Figure 7

15. Select Done/Continue at successfully completed screen to finalise the update (Figure 7)

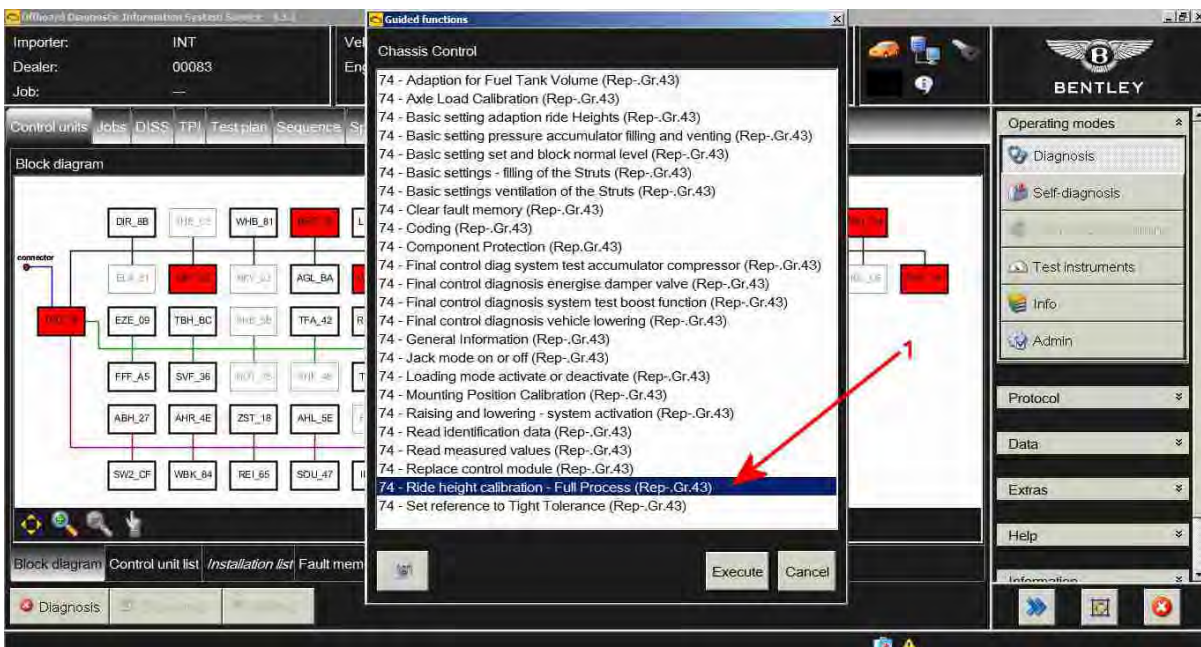16. Clear the vehicle of any fault codes generated as a result of performing this procedure

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 Make a Target/Actual comparison – Select Yes and follow all on-screen prompts

Warranty accounting instructions

Warranty Type	110 or 910
Labour Operation Code	01 29 00 07
Damage Service Number	43 16
Damage Code	00 40
Time	70 Time units