Technical product information

Торіс	Bentayga - Outside Air Temperature - Incorrect reading in Fahrenheit
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2060102/3
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI) -> ambient temperature display	functionality -> without function / defect	
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI) -> ambient temperature display	functionality -> faulty display	
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI)	functionality	

Vehicle data

Bentayga

Sales types

Туре	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V*	2021	E		*	*	*

Documents

Document name

master.xml

Technical product information Bentayga - Outside Air Temperature - Incorrect reading in Fahrenheit

Customer statement / workshop findings

Outside air temperature reading within the Driver Instrument Panel (DIP) is incorrect when reading in Fahrenheit

Technical background

Incorrect outside air temperature displayed, the issue relates to an incorrect algorithm

NOTE: The temperature is not displayed correctly in Fahrenheit <u>only</u>, the temperature is correct when displayed in Celsius Please refer to the instructions within the Measure section of this TPI in the event the symptom is as described

Production change

Measure

The PDI MUST be completed prior to running the following software updates

Transferring software from the Bentley Hub to a USB-C stick

NOTE: The USB-C stick MUST be a minimum of 32 GB

1) Access the Bentley Hub

• The applicable Zip file can be found in - Aftersales - TPI's - MIB3 Kombi (zip) (Figure 1)

y Hators Limited. re. CW1 Ph Case: BENTLEY										
	Academy	CRM	Marketing	Parts	Sales	Service	More	IT Support	Administration	8
< D	add to Librar	ies I Chan	ing 355 Deep	and the					Aftersales TPIs	
- 01	ack to Libra	nes anov	ving 555 Docur	mencs						
1	New Flying	Spur - Rea	ar Entertainmen	nt - Compon	ent Protect	ion (TPI 2060	605-2) Eng	lish (pdf)		
	2020-09-16 08	(39/19 Den	oth, Emma (VA/O	Q)						
	Video for T	PI 205558	0 (mp4)							
2	2020-09-16 08	38.46 Den	tith, Emma (VA/O	Q)						
1	New Cont	GT. GTC a	nd Flying Spur -	Rotating Di	splay - Faul	t Diagnosis (T	PI 205558	0-3) English (pd	n	
-	2020-09-16 08	35:58 Den	tith, Emma (VA/O	Q)						
1	MIB3 Kom	bi (zip)		-						
-	2020-09-10 10	44:25 Den	oth, Emma (VA/O	Q)						
1	New Conti	nental GT I	& GTC - Transm	ission DTC	U04100 (T	PI 2060596-1) English (p	df)		
	2020-09-08 08	32:33 Den	tith, Emma (VA/OC	Q)						
1	New Conti	nental GT,	GTC & Flying Sp	pur - Susper	sion Warni	ng Lamp (TPI	2059172-	4) English (pdf)		
-	2020-09-07 13	01:42 Den	tith, Emma (VA/O	Q)						
1	Bentayga -	Water Ing	ress Onto The F	Front Readin	ig Light (TF	1 2060458-1)	English (pe	if)		
-	2020-08-28 10	10:14 Den	tith, Emma (VA/OI	Q)						
1	New Conti	nental GT I	& GTC - Check E	Engine Lamp	- Fuel Pre	ssure Regulat	ion (20588	62-2) English (p	df)	
-	2020-08-28 10	09:55 Den	tith, Emma (VA/O	Q)						

2) Copy the ZIP file onto the USB-C stick (Figure 2)

VERY IMPORTANT – The USB-C Stick MUST be a minimum of 32 GB



🔄 🗖 =		Extract		WT 10473 (D:)		
File Home Share	View	Compressed Folder T	ools			
← → ~ ↑ → WT 10)473 (D:)					
1 O.: I.	Name	Ý		Date modified	Туре	Size
Quick access Desktop Downloads Documents Quick Letters Diagnostic Tender Letters MAB Docs OneDrive This PC 3D Objects Desktop Documents Documents Documents Downloads Music Pictures Videor	KI_FPF	(2p_BY636_0143_PROD		Open BentleyCopyPath BentleyOpenPath Open in new window Extract All 7-Zip CRC SHA Pin to Start Scan for threats Share Open with Send to Cut Copy Create shortcut Delete Rename	> > >	(zipp 67,488 KB

- 4) Select the USB-C stick as the destination (Figure 4)
- Select extract

Extract Compressed (Zipped) Folders		
Select a Destination and Extract Files		
Files will be extracted to this folder:		
D:\		Browse
Show extracted files when complete		
✓] Show extracted files when complete		
Show extracted files when complete		
Show extracted files when complete		
Show extracted files when complete		
Show extracted files when complete	~	
Show extracted files when complete		
Show extracted files when complete		
Show extracted files when complete		

Figure 4

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5) Referring to Figure 5 - The operative MUST wait until the file has completely extracted, Do Not remove the USB-C stick or stop the copying of files until 100% extracted

🖡 3% complete	<u></u>		
Copying 77 items from KI_FPK2p_BY	636_0143_PROD.zip to W	r 10473 ((D:)
3% complete		н	×
More details			

6) When the file has fully extracted, the files on the USB stick will be as shown in Figure 6



Figure 6

7) Delete the ZIP file (only) from the USB stick leaving the files shown in Figure 7



Software update with USB-C stick and ODIS diagnostic tool

- The closed-circuit voltage of the vehicle must be at least 12.5 V during the update. Connect a suitable battery charger to the vehicle. For further information refer to the Repair manual
- During the update switch off all unnecessary consumers (ventilation, seat heater, interior illumination etc)
- Because of the highest transmission stability you <u>MUST</u> use the diagnosis interface VAS 6154 (WiFi diagnostic tool) <u>ONLY</u> 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 any control units

NOTE: During the updates the system may reboot several times

Software update to address 17

1. Insert the USB-C stick into USB 1 socket (Figure 1)



Figure 1 2. Press the home screen button (Figure 2)



3. Using two fingers, press and hold the MMI screen in the area's highlighted by the red circles (Figure 3) until the red engineering menu appears (Figure 4). select 'Update'.





Figure 4

5. Select the suggested update. (Figure 5)



6. A summary of the proposed changes will then appear (Figure 6), scroll down and select 'Start update' (Figure 7).



Figure 6





• Select 'Start update' again. (Figure 8)



Figure 8

8. The software update will then begin (Figure 9)



Figure 9

9. Once the update is complete a summary screen will be displayed. (Figure 10) Scroll down and press 'Resume' (Figure 11)



Figure 10



10. On the next screen select 'Quit' (Figure 12), the system will then reboot. Once the home screen is displayed, remove the USB-C stick and carry out an ignition cycle.



Figure 12

11. On completion carry out the following Software version management update instructions

Software version management update

12. Select and run Guided fault finding.

• Referring to Figure 13 - Within the Special functions tab select SVM - Code Input (A) then select Perform test (B)

Control units	Jobs DISS TPI Test plan Special functions	Operating modes #
Tests for the	complete vehicle	👽 Diagnosis
Status	Tests	B Self-diagnostis
-	Immobilizer - Special Function	6
-	Service Immobilizer	Test instruments
	Software Versions Management (SVM)	P Info
-	Check SVM communication	
-	Deleter Activations B	198 Admin
-	Essue fault memory - overall yearem	Protocol
-	SVM - Check vehicle contation	Data
	SVM - Code Input	
-	SVM 2.0 - Activations	Extras
SVM - Direc to control un	triput: SVM code for gradefiniterialized update The SVM - Direct Input: SVM code for problem-related update is applied when a specific change its is to be solve present of a so-called SVM code. Possible changes may be hardware test software modification by update programming.	Help a
Pedam tes	L Show documents	× 171 (A

13. On the next screen enter the SVM code 4V0DCL02 and select Adopt (Figure 14)

DISS TPI	Sequence	c	petating modes *
SVM - Direct Input: SVM code	for problem-related update	4V0DCL02	Diagnostis
Software version managem	ent (SVM)		Contentanteres
You have selected the SVM or	de input program		🗅 Test instruments
Enter the required SVM code	e .		info
SVM codes are to be foun • Technical Bulletin • Update medium (CD, SI • Description of field cam • Ordering system for rep • OT (original parts) fact of	I in various media:) card, etc.) paigna lacement/original parts (e.g. Parts Catalogue) ibeet		Protocol I
0.0073			xtras 4
If multiple SVM codes are session every time after ex As a result, after an ignitio	applicable for this vehicle, you are recommended to end the flash tecuting an SVM code. In on/off cycle the event memories are interrogated and erased as	/diagnosis i	leip 1
Sid level	10 0 5 5	COM PROPERTY	stances passing in the

Figure 14

14. On the following screen, confirm the code then select Yes.

- All control modules will be interrogated.
- The SVM action will then take place (Figure 15)





15. Once complete a summary screen will appear (Figure 16), this confirms successful completion. Follow any on screen prompts until program end



Figure 16

Warranty accounting instructions

110 or 910
91 10
02 02
01510000
As per ODIS log – Maximum of 50 Time units

Parts information

USB-C Stick (MUST be a minimum of 32 GB) - Source locally