

Field campaign

Торіс	New Continental GT and GTC - V8T Engine control module update (SC13/06)
Market area	Russische Föderation (5RU), China 796 VW Import Comp. Ltd (Vico), Beijing (6796), Russian Federation 935 Volkswagen Group RUS (6935), United Kingdom E01 Bentley UK (6E01), Germany E02 Bentley rest Europe (6E02), Australia E04 Bentley rest Asia and Australia (6E04), United States E05 Bentley USA and rest America (6E05), United Arab Emirates E06 Bentley Middle East and Africa (6E06)
Brand	Bentley
Transaction No.	2033405/3
Campaign number	E782
Note	
Туре	
US code	4 · · · · · · · · · · · · · · · · · · ·

Vehicle data

New Continental GT and GTC

Sales types

Туре	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3932*	2012	E		*	*	*
3932*	2013	E		*	*	*
3942*	2012	E		*	*	*
3942*	2013	E		*	*	*

Chassis numbers

Manufacturer	Filler	Туре	Filler	MY	Factory	From	То	Prod from	Prod to
SCB	*	3W	*	*	C				
SCB	*	ZA	*	*	0				

Documents

Document name master.xml

▲ Connection offline

E782

Transaction No.: 2033405/3

New Continental GT and GTC - V8T Engine control module update (SC13/06)

Notes

Repair instructions

Technical background

Updated calibration to improve customer functionality of the Electronic Park Brake (EPB) and also improve robustness of the engine diagnostics

ATTENTION: Before commencing with this procedure please check the left hand air filter housing for a yellow paint mark (Figure 1) the paint mark signifies that the vehicle has already received a similar software update for a separate issue.

Please also check Elsa pro "Repair history" and SAGA 2 Claim History to check if TPI with the transaction number of 2035573/3 has been carried out.

If the yellow mark is evident or TPI 2035573/3 has been conducted <u>do not</u> carry out this procedure please refer to the Warranty accounting instruction section of this procedure for labour claim instructions to allow the campaign applicability to be removed for the applicable VIN



Figure 1



IMPORTANT: Before commencing with this software update you must first clarify the part number and the software level of the battery monitor control unit before carrying out this procedure, the following information details the next steps which must be carried out depending on the part number of the unit and also the software level installed

Battery monitor control unit part number and software level information

Part number of the battery monitor control unit fitted	Software level	Action

3W3 915 181	0400	Replace original unit with 3W3 915 181B
3W3 915 181A	0540	Carry out (SC 13/21)
3W3 915 181A	0570	No further action is required commence with this procedure
3W3 915 181B is fitted or (SC 13/21) has been conducted	0570	No further action is required commence with this procedure

Remedy

This Campaign must be carried out on all vehicles within the affected VIN range

Customer notification

Customers do not need to be informed directly of this campaign. Please ensure that all affected vehicles are repaired during a service visit. You should also inform your new and used car sales departments so that the vehicles affected can have this Campaign applied immediately (and not just before sale).

NOTE: Ask the customer if the engine control modules have been modified in anyway (chip tuning)

Explain to the customer that updates to the engine control modules can render the chip tuning ineffective or damage to the control modules can occur.

Ask the customer to contact the tuning contractor to establish if a software update is possible

Inform the customer that if modifications have been carried out to the engine control module Bentley Motors or your own company will not accept liability from damage by updating the software.

Should a customer decline to have the update performed because the vehicle has been chip tuned please make your TSC aware by raising a DISS ticket to report the chip tune, the VIN and (Chip tuning) information can then be saved for future reference.

Warranty accounting instructions

Normal Warranty policies are applicable

Time to conduct software update

Warranty Type	710 or 790
Labour operation code	01 29 00 05
Damage Service Number	E782
Damage Code	00 66
Criteria ID	01
Time	50 Time Units

Time to be claimed to remove the campaign from the system if as described in "Technical background" and TPI 2035573/3 has been conducted

Warranty Type 710 or 790

Labour operation code	01 29 20 99					
Damage Service Number	E782					
Damage Code	00 66					
Criteria ID	01					
Time	10 Time Units					
Genuine parts						
Not Applicable						
Parts supply						
Not Applicable						
Parts despatch control						
Not Applicable						

Repair instructions

A Notes

Technical background

Updated calibration to improve customer functionality of the Electronic Park Brake (EPB) and also improve robustness of the engine diagnostics

ATTENTION: Before commencing with this procedure please check the left hand air filter housing for a yellow paint mark (Figure 1) the paint mark signifies that the vehicle has already received a similar software update for a separate issue.

Please also check Elsa pro "Repair history" and SAGA 2 Claim History to check if TPI with the transaction number of 2035573/3 has been carried out.

If the yellow mark is evident or TPI 2035573/3 has been conducted <u>do not</u> carry out this procedure please refer to the Warranty accounting instruction section of this procedure for labour claim instructions to allow the campaign applicability to be removed for the applicable VIN





IMPORTANT: Before commencing with this software update you must first clarify the part number and the software level of the battery monitor control unit before carrying out this procedure, the following information details the next steps which must be carried out depending on the part number of the unit and also the software level installed

Part number of the battery monitor control unit fitted	Software level	Action
3W3 915 181	0400	Replace original unit with 3W3 915 181B
3W3 915 181A	0540	Carry out (SC 13/21)
3W3 915 181A	0570	No further action is required commence with this procedure
3W3 915 181B is fitted or (SC 13/21) has been conducted	0570	No further action is required commence with this procedure

Battery monitor control unit part number and software level information

Check

If the vehicle is not already listed in "Repair history" (in Elsa Pro) check for the (SC 13/06) Campaign identification mark, which is a White paint mark next to the right hand radiator shell fixing as shown in Figure 17, Please also read the Technical background section of this procedure. Should none of the afore mentioned be evident please carry out the required work in accordance with these instructions.

Control

All Continental vehicles with the V8T engine and manufactured after VIN SCBFZ63W0DO have applicable software installed.

Genuine parts

Not Applicable

Work

1.Ensure a suitable battery charger (VAS 5903 or a charger with the same specification) is correctly connected to the vehicle electrical system for the duration of this procedure Refer to workshop manual Rep.Gr 27 – Batteries to charge



\triangle

- Should an incorrect specification battery charger be used, adequate voltage may not be maintained which can cause the software update to stop whilst in progress.

- Ensure you are connected to your on - line network - Broadband. Use a hardwire connection for software updates Bluetooth connections are not advised.

- Switch on the ignition, when performing software updates the ignition should not be switched on by the start/stop switch in the centre console, always insert the key into the ignition barrel to switch on the ignition

- Connect the Bentley diagnostic tool VAS 5052A or later approved equipment, to the vehicle On Board Diagnostic (OBD) socket

-From the Desktop launch the Offboard Diagnostic Information System Service by using the Diagstarter icon



-When prompted, select Offboard Diagnostic Information System (Figure 2) and follow all on screen prompts

CAUTION: Please ensure that the correct level of Offboard Diagnostic Information System Service is installed the level should be 2.0.2 or higher

DiagStarter ¥ 1.3.3	
	Offboard Diagnostic Information System Service
SERVICE	

- Ensure the Using guided fault finding box is ticked (Figure 3) - follow all on screen prompts and allow the guided fault finding control module sweep to complete

Importer: Dealer	E01	Vehicle ide	Vehicle identification 🔍 automatic. 🔍 manual	a •. ~	
Order:		Engines	VIN		BENTLEY
Coniro Units	erte levelar dilese me level	11- D	Constanting of the second s		Modes *
Control unit list					🐗 Hashing
Address	vent Name	anne ann an	Manufacturer		EST Test instrument
			Model		🗇 Diagnoso
					🐞 into
			Model year		🕼 Admin
			Variant		
					Data ¥
		1	Engine		Extras ¥
		<u>A</u>	Using guided fault finding		Help ×
1		inter internet (Anthe Cancel		Info ×
		ner beschriftlicht tiller terestel			· 如何的问题。"他说了"这个
Block diagram	Control unit list Event memory lis	t			Trace ¥
Diagnosia	Dionimina St Carling				. HT @
	w Displaying			1.200 co. 200 co. 200 co.	

Figure 3

2. When requested to Make a SVM Target/ Actual comparison? Please select No (Figure 4)



Figure 4

- Once Guided Fault Finding is complete, Select - Test plan as shown in Figure 4 point A - Select own test as shown in Figure 4 point B, (the overview of tests screen will now appear as shown in Figure 5)



Figure 4

- Referring to Figure 5 (Overview of tests screen) select + Software Version Management (SVM) a drop down box will now appear as shown in Figure 6

Importeri	E01	😒 Overview of tests		CO-
Dealer	01000		- E -	BENTLEY
Order:	- <u> </u>	₩ Powertrain (RepGr. 01; 10 - 39)		
Centrol units	S Provid Orders El136 TPI Testa	≅ Running Gear (RepGr. 01; 40 - 49)		Modes *
Tests in cun	rent test plan	■ Body (RepGr. 01; 27; 50 - 97)		📽 Rashing
Status	Tests (sorted by their potential sur	Vehicle Information	~~~~^^	🖾 Test instrument
E c		Connector Documents	and the second second second	👽 Diagnosis
68	C Sector State Scheroter Scheroneter S	-Workshop Equipment		🕼 Info
8 000		# Fuse Documents	in the second	Admin
99 - 689	States of State Second States a	W Service Work		IN IN A DESCRIPTION
(i) kasa	in the state of the second sec	Software Versions Management (SVM)	A State of the second second	Data ×
199 . 'UIA	in all all all all and a state of the set of	Constraint of Constraint device A Link State 1 (1997)		Extras ¥
c				ISTRATO MALE
66 KANA	🗂 (1997) - African analysis a success	Attach to test plan 🔍 Close		Help ¥
66 TED	🖄 (1997). Mitsinga representation in	and and the second second second		Info ×
(C. M.			(1) ×	
SIG_CAN_	39_TV30_J1041_1110_83_CAN	L_Comms@00083		inace ÷
Perform tes	st., Documents Select own test., [remotis	7	» 回 @

Figure 5

- Referring to Figure 6 Select SVM Problem related Hardware/Software Update (point A)
- -Select attach test plan (point B) then select Close (point C)

Importer	-E01	SOverview of tests		-
Dealer: Order:	01009 	*-Vehicle Information	i i i i i i i i i i i i i i i i i i i	BENTLEY
Contro units	s Plant Orders DISS TP. Testok	■ Connector Documents	augun an	Mødes *
Tests in cur	rrent test plan	Workshop Equipment		🏟 Flashing
Status	Tests (sorted by their potential succ	*/Fuse Documents	······ 2	C Test instrument
G 50		9 Service Work		💱 Diagnosis
	The internet linear the	Software Versions Management (SVM)		info 👘
		SVM - Target / Actual.comparison		Admin .
		SVM - Problem related Hardware/Software Update	-	AREAS BANKARD
		SVM - Vehicle modification		Data ¥
(B) (B)		SVM - Communication Test		Extras ¥
s m	Carton allante terretrolle que al	Attach (sitestiplar) 🔍 Close	e	Heip ¥
9 33		an an tea teaman ann		Info ¥
</td <td></td> <td>1'</td> <td>× *</td> <td></td>		1'	× *	
SIG_CAN_	39_TV30_J1041_1110_83_CAN	Comms@00083	/ Xanana -	Irace \$
Perform te:	st., Documents Select own test., 10	enore B	C	» II O

Referring to Figure 7 - Ensure the Problem related Hardware/Software update is <u>visible and</u> <u>highlighted</u> as shown at Point A

-Select Perform test Point B and follow all on screen prompts

Importer:	E01	S Overview of tests		R
Dealer;	01000	8	lan 🔁 📎	BENTLEY
Order:		Vehicle Information		
Comice (units)	Letter Orders DISS TP Test p	Connector Documents		Mades *
Tests in curre	ent test plan	Workshop Equipment		🖨 Flashing
Status	Tests (sorted by their potential suc	* Fuse Documents	f	🖾 Testinstrument
		9-Service Work		😳 Diagnosis
@ ***	International constants statistically at	■ Software Versions Management (SVM)		🗑 Info
œ 📾	L seese and seese states of the	SVM - Target / Actual comparison		Admin
E as	L state state and state at	SVM - Froblem related Hardware/Software Update		
8 69		SVM - Vehicle modification		Data ×
36) ann	🛄 linker Alkerike ensere strete dis system	CV/U. Communication Test		Evtrac \$
• -B				Exuas
60 ma	📩 alle i stianis biogerora matridi	Attach to test plan, 🔍 Close		Help ×
	Dieses, Reary Secondaria	es and sime instrumentation		info ¥
e me gelo			1 x	
SIG_CA	TV30_J1041_1110_83_CAN	_Comms@00083		Trace ¥
D. C. V.				
Perform test.	Documents Select own test,		Service States	》 这 。

Figure 7

- 3. When prompted enter the SVM code 39001UPDATE01 as shown in Figure 8 Point A
- Select Apply Point B, when prompted to apply the SVM code select Yes as shown in Figure 9



Importen Dealer: Orden	E01 01000	Vehicle identification no.: Engine:	CMM 4.0L VS 373KW	∞ ¦ , ≻	BENTLEY
	1. Constant Distant	1 Test for Process Amendition for			Modes *
Problem related ha	ardware and software	update		Yes	Risshing
Enter SVM code				No	Ca Test instrument
Roepsisionistere		The SVM code entered by you is:			👽 Diagnosis
Frier Sold sets :		39001UPDATE01			info 🕼
		Do you want to apply the entered SVM c	ode?		Contrain 🚱
					Data ¥
				Function description	Extras ¥
					Help ¥
					Info ¥
					Trace ¥
		 ≪ < > >	Help Canceltest		* 🖾 👳

Figure 9

- When requested, enter your GEKO user ID and follow all on screen prompts until you arrive at Figure 10.

- At Figure 10 select <u>Yes</u> and follow all on screen prompts until the update programming of the control unit 01- Engine control unit – J623 was successful as shown in Figure 11

CAUTION: The update of the Engine control unit takes approximately 5 Minutes to complete <u>Do Not</u> interrupt whilst the update is taking place

Importer Dezler:	E01	Véhicle identification no;	SOBFT7ZAGOC CMM 4.01 V2 3734W	erne lendersterreterner	
Orden.		i ignor			BENTLEY
		Process Second Process			Modes 🎄
Problem related hardy	vare and software up	ođate	and a second	Yes	🐗 Frashirg
Necessary update pro	gramming.				🖾 Test instrument
N. Séck	^^	For the control unit 01 - Engine control unit	523 update programming is suggested	7 No	👽 Diagnosis
HERE (ACAL CO.)		The new software part number version for this	control unit is	1	🗑 info
		3W0906560A 0003	- 1999 - 1992		Admin
Proparation steps		Sheck whether the necessary data is avai update CD for this update programming?	ilable on an online server or on an		
Reput	N N	/es - (the vehicle tester checks whether data	is available for the update programming)		Data ¥
Read sequence	1	Vo - (no update programming of the control u	nit cited above is performed and the		Extras ¥
Frainte sequence		irogram (s continued)		Function description	
Flack Merurani			/		Help ¥
Benne termination	Section 1		/		Înfo. ¥
decisione diplomante.	are montha				Trace ¥
 Marine 10 	and al				
(III)		$\langle \langle \rangle \rangle$	Help Cancel test		» 🗵 Ø
		Anna Strategica	THE OTHER PRODUCTION OF THE PRODUCT OF T	Execution of the test	And the second second second second

- Referring to Figure 11 select Done/Continue and follow all on screen prompts until program end.

Importer: Déaler: Order:	E01 01000		Vehicle identification no.: Engine:	CMM 4:0L V8 973899	~ ∎ >	BENTLEY	
	Des 15	an Association and a second			11	Mödés	*
Problem related hardware	and software	update	944F388E9		► Done/Continue	· Plashing	
2 - Update programming -	ΰI				Constantiate	🕰 Test instrument	
needd oedd o yn arlend a ferfan yn ar	×	Update progr	amming of the control unit 01	- Engine control unit - J623 was		😳 Diagnosis	
นั่งสุนสายระดบอาจด		successful		/		info 🖉	٦
Plask roanuary		- Press <dor< td=""><td>e> to continue the program.</td><td>/</td><td></td><td>🗟 Aurain</td><td>1</td></dor<>	e> to continue the program.	/		🗟 Aurain	1
Qali a out state to be	nter service			/			
$\left \left\langle d \mu_{n}^{(1)} (\boldsymbol{c}_{n} + \boldsymbol{a}_{n} \right\rangle + \left\langle \boldsymbol{\mu}_{n}^{(1)} (\boldsymbol{c}_{n}^{(1)} (\boldsymbol{c}_{n}^{(1)}) \right\rangle \right _{\mathbf{c}_{n}}$	mindific			/		Data	*
Leon instructions and group					Eustion description	Extras	**
Ciferencial on all scaling of	NORC .				runcuon description	diale.	×
Secondent for Habita com	E CAL						100
Chem last deta containe						Înfo	*
$[2^{n+1}a] \in [a, s_{1}] \ (a, s_{2}) \in [0, s_{1}]$						Trace	*
				j			
				Heip Cancel test		* 0 0	ない場

Figure 11

IMPORTANT NOTE:

A separate SVM Target/ Actual comparison is now required to code the Engine Control Unit this process is detailed in procedure 4

You will be automatically be redirected to the Test plan screen as shown in Figure 12 Point A

4. Referring to Figure 12, Select own test as shown in Figure 12 point B, (the overview of tests screen will now appear as shown in Figure 13)



- Referring to Figure 13 Select and highlight SVM - Target/Actual Comparison (Figure 13 Point A)

- Select Attach to test plan (Point B) and select Close (Point C)

Importer	E01	🔁 Overview of feels		A DA
Dealer	01000	# Vehicle Information		BENTLEY
Contro units		P Connector Documents		Mades *
Tests in cur	rent test plan	Workshop Equipment		Restling
Status	Tests (sorted by their potential suc	Fuse Documents		🖾 Test Instrument
38		Service Work		😳 Diagnosis
545 6333	The second se	Software Versions Management (SVM)	÷	info 🖉
(f) (f)	Banangarapa Sharana 2 may	SVM - Target / Actual comparison		Admin
(H) (M)	District Partie species and species	SVM - Problem related Hardware/Software Update	A State of the second s	
(£) (339)	in in the second difference of the	SVM - Vehicle modification		Data ¥
te as	🗖 helde despesientes despesiente	SVM. Communication Tast		Evtras ¥
H .	🛄 to controls to president state	e vini · Contribuille autori rest		
95 600	pari i dicatar stautiones atio ca	Attach to test plan 🔍 Close		Help ×
36 03	🗂 e ser de la complete de	the set the commence		Info ¥
< SIG_OAN_S	39_TV30_J1041_1118_83_CAN	_Coltims@00083		Trace ¥
-		_ p/	N L	
Perform tes	st., Documents Select own test., F	eronya D	C	》 団 O
				AND A DESCRIPTION OF A

Figure 13

- Referring to Figure 14 (Test plan screen) select and highlight (Point A) SVM – Target/Actual comparison

- Select Perform test (Point B)

Importer: Dealer: Order:	E01 Vehicle i 01000 Engine: 	dentification no::	CMM 4.0L V8	a -	*	BE	8 NTLEY
Control units	Reality Jobs, DISS	Pl Testplan Proce	ess Special functions			Modes	*
Tests in cur	rent test plan					🐶 Diagnosis	
Status	Tests (sorted by their	potential success)				() Self-diagr	10515
	Ref in Analossegue	und ante sense a des				Resh rep	ogrammina
				A		Trationto	manete
(I) (22)	🗖 parti – straturis series	sone gerating det		1		A resumsing	Jmenus
. (30)	alite an analysis and a second second second	nantara ana Mala an Ara		1		lnfo Info	
(E) (200)	- Alter Australia	ling the two spall strag		/		Admin	
(E) (CD)	hell - theory was	aggeorate positivo pri	inere 1	/		Protocol	*
(±) 666	🗖 ant i - thistoire thing	leinne spinerding, sont	Marine N				
R	💄 SVM-Target / Act	ual comparison				Data	×
				100.00		Extras	*
SVM	100_1012_83_Te	rget_Actual_Compa	arison@00083			Help	*
Perform tes	st., Documents Remo	e Select own test				(

- Follow all remaining prompts until you reach the screen shown in Figure 15 - Select <u>Yes</u> to code the Engine control unit – J623

an and the second second second	the DISS TPL Test play Process Special functions		Self-diagnosis	
SVM - Target / Actual C	ompanson	Yes	🐗 Hash reprogrami	ning
Selection		No	🖎 Test instruments	
Engin orbues	Based on the documented spec features, for the		📔 Info	
Evaluate measure	coding was computed by Software Version Management (SVM).		😧 Admin	
Pietzarie kunisteres	Current coding in control unit			
Ciefaul!	New calculated code:		Protocol	×
Chile fitting list	Do you want to code the above control unit		Data	×
Result	with the newly calculated value?	Function descriptio	Extras	×
Display of possible of	I Note			
Read old code	The new coding is valid for this control unit and was computed on the basis of a modified vehicle		Help	×
Sélezilan 👻	 status. Codings in this control unit modified previously or during previous workshop visits on 		Info	×
	the request of the customer are reset to their factory settings.		Trace	* 🔻
	Help Cancel test	4		0

Figure 15

5. Follow all remaining on screen prompts until you arrive at Figure 16 which confirms the Coding of **01 – Engine control unit – J623** was completed successfully and select Done

Control units Pesults Job	DISS TPI To	et plan Process Solar	iel functions			🍅 Self-dia	gnosis
SVM - Target / Actual Co	mparison				Done/Continue	🌀 Flash re	programming
Résult 1						🛆 Test ins	truments
Display ôf pussible	The coding was	completed successfully	1.			📔 Info	
Read old coda	The 01 - Engin was coded with	e control unit - J623 of the following value:	control unit			😧 Admin	
Selection	Press -Done	to continue the progra	m				
Evaluation lugin						Protocol	* Marine Marine
Special Ceses						Data	×
Tranàlate coding				Fu	nction descriptio	Extras	in an
Code cantrol unit						Holp	
Code control unit 9 s							
Result 1 🗸 🗸						Info	÷
				~		Trace	÷
		> > Hei	p Cancel tes	st 🖣		*	

6. Follow all remaining on screen prompts until Program end

- Use Guided Fault Finding in Offboard Diagnostic System to carry out a complete diagnostic sweep, clearing any fault codes generated as a result of performing this procedure.

7. Place a White paint confirmation mark on the right hand radiator shell fixing as shown in Figure 17



Figure 17

Identification

White paint completion mark on the right hand radiator shell fixing (see Figure 17)

A Repair instructions A Notes