

Field campaign

Topic	Transmission control module update during PDI (SC 21/34)
Market area	United States E05 Bentley USA and rest America (6E05)
Brand	Bentley
Transaction No.	2064350/1
Campaign number	EC16
Note	
Type	
US code	

Vehicle data

New Flying Spur - W12

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
ZG2*	2022	E		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	BB6	ZG	9	N	C	091574	091574		
SCB	BB6	ZG	9	N	C	091624	091624		
SCB	BB6	ZG	8	N	C	091517	091517		
SCB	BB6	ZG	8	N	C	091548	091548		
SCB	BB6	ZG	2	N	C	091609	091609		
SCB	BB6	ZG	4	N	C	091529	091529		
SCB	BB6	ZG	1	N	C	091603	091603		

Documents

Document name
master.xml

Notes

▪ Repair instructions

Technical background

Software updates are available and should be applied to the following control unit:

- Transmission (address 02)

Remedy

Carry out the instructions within the Work section to completion

Customer notification

All vehicles must be updated during PDI

Warranty accounting instructions

Warranty Type	790
Damage Service Number	EC16
Damage Code	0066
Criterion ID	01
Labour Operation Code	01510000
Time	Must not exceed 50 TU (as per ODIS log)

Genuine parts

Not applicable

Parts supply

Not applicable.

Parts despatch control

Not applicable.

Repair instructions

▪ Notes

Technical background

Software updates are available and should be applied to the following control unit:

- Transmission (address 02)

Check

If the vehicle is not already listed as repaired in the "Repair History" (Elsa Pro) check for the presence of the green paint completion mark as shown within the Identification section

Genuine parts

Not applicable

Work

Software update - Transmission control unit (Address 02)

- 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 **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

1) Select and run Guided fault finding

- Within the Special functions tab select *SVM – Problem related Hardware/Software update* then select Perform test (Figure 1)



Figure 1

2) On the next screen enter SVM code 37102GB01 (Figure 2)

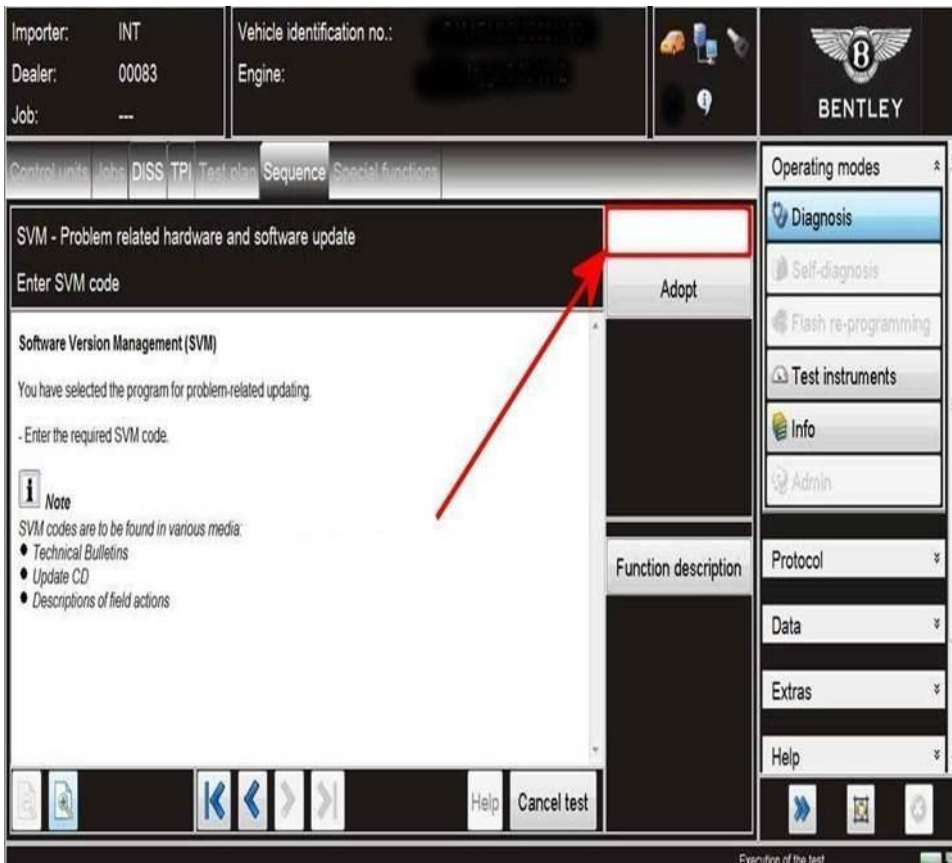


Figure 2

3) On the following screen, confirm the SVM code is correct

- All control modules will now be interrogated
- The software update will then be suggested
- The software of *02 – Transmission Control Module (Figure 3)* will be updated

NOTE: A progress bar will be displayed

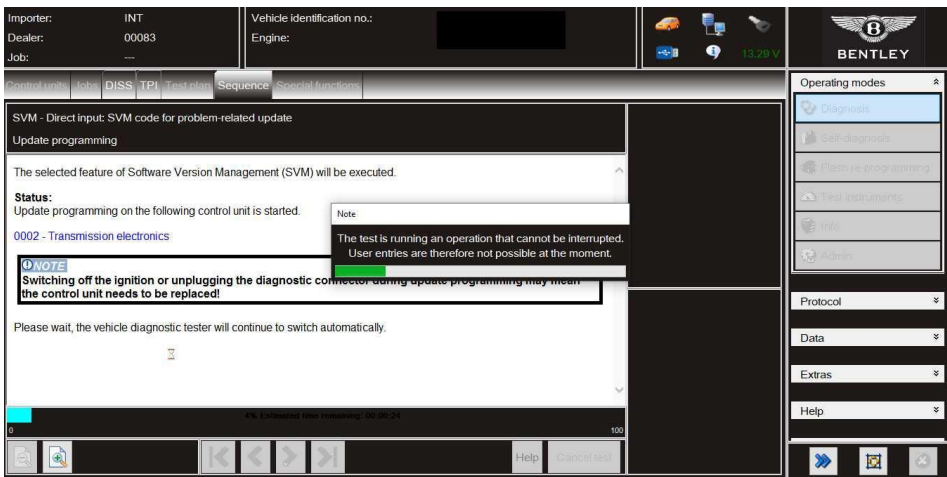


Figure 3

4) Carry out all on screen prompts until completion

After the programming is complete, gear selection will not be possible. To wake up the system a bus silence is required, carry out the following steps in the order stated below:

- Switch off the ignition
- Remove the diagnostic interface from the OBD port
- Switch off and remove the battery charger from the vehicle
- Close the bonnet and all doors, then lock the vehicle
- Wait 5 minutes to allow the vehicle to go into bus silence
- When 5 minutes has elapsed, unlock the vehicle and open the driver's door
- Switch on the ignition
- Confirm that the gear selection is now possible

5) Clear the vehicle of any DTC's generated as a result of performing steps 1 through to 4

6) Apply a green paint completion mark as shown in the Identification section

Identification

Green paint completion mark on the 12 volt battery retaining bracket



