

Field campaign

Topic	BiL 5.2.1 Thermal Management ECU Update (NAR)
Market area	United States E05 Bentley USA and rest America (6E05)
Brand	Bentley
Transaction No.	2076943/2
Campaign number	ED35
Note	
Type	
US code	

Vehicle data

25MY Continental GT & GTC

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
Z23*	2025	E		*	*	*
Z24*	2025	E		*	*	*

Documents

Document name
master.xml
applicable_svm_code.pdf
ed35vinlist.pdf

.....

Notes



Technical background

Software updates must be applied to update the vehicles ZDC data.

Remedy

The instructions within the 'Work' section **must** be conducted to completion.

Customer notification

Please ensure all applicable instructions are conducted at the nearest opportunity.

Warranty

SVM Update Time

Labour Operation Code: 01 51 00 00

Time: As per ODIS log (Must not exceed 50TU)

Parts

Not Applicable

Parts supply

Not Applicable

Parts despatch control

Not Applicable

Repair instructions



Technical background

Software updates must be applied to update the vehicles ZDC data.

Check

Check if the vehicle is already listed as repaired in "Repair history" (in ElsaPro).

Please also refer to the "Identification" section and check if a paint identification mark is evident in the vehicle.

If the vehicle is not shown in ElsaPro as repaired, and the identification mark is not present, please conduct the instructions within the 'Work' section to completion

Parts

Not Applicable

Work

CAUTION

The Bentley ODIS-S Brand Version **MUST** be at least 2.3.5 (or higher)

CAUTION

Before conducting the onward instructions, the operative **MUST** recheck the communication method in ODIS and ensure that DoIP is selected before proceeding. Within ODIS-S, perform the following:

- On the right hand side, select the "Admin" tile (Within 'Operating modes')
- Select "GFF sequence" (Within 'General information' section)
- Under the "Selection of Communication path" drop-down menu, select "Only permit DoIP communication".

CAUTION

DO NOT, UNDER ANY CIRCUMSTANCES, ATTEMPT TO CONDUCT THE SOFTWARE UPDATE VIA THE CAN NETWORK. ONLY DoIP SHOULD BE USED WHEN PERFORMING THE SVM UPDATE.

CAUTION

You **MUST ONLY** use the Diagnosis Interface VAS 6154 (WiFi Diagnostic Tool) in USB OPERATION or the CABLE-CONNECTED VAS 5055 for the reprogramming (updating) of the control units.

- If neither of these units are available, the VAS 5054 (A) may be used in USB MODE.
- DO NOT under any circumstances use a Bluetooth connection to conduct the reprogramming (updating) of any control units.

Battery Charger

CAUTION

ONLY Chargers that meet the approved specification on the Mandatory Equipment List (available on the Bentley Hub) MUST be used.

- The charger must be set to a mode where a MINIMUM of 90a is supplied to the battery during the process. Typically, this is known as 'Power Supply Mode' or 'DIAG+ Mode'.
- A voltage of exactly 14.8v must be set and maintained throughout the process.
- Please refer to the manual to ensure that these requirements are met before beginning any SVM update

Obtaining Correct SVM Code

Due to the intricacies behind Baseline Integration Levels (BiL), you must identify which SVM code each VIN requires.

Please find the applicable VIN on the attached "applicable_svm_code" document.

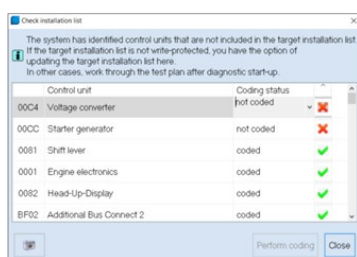
Note down the associated SVM code from the SVM Code column.

Keep note of this SVM code as you will be required to enter this into ODIS-S, later on in the procedure.

Preparation Before Update

Conduct a full guided fault find of the vehicle.

If a 'Check Installation List' pop-up appears, select 'close' (see below image)



Referring to TPI 2075920, address any unknown faults BEFORE conducting any of the below updates.

SVM Update

WARNING

Hybrid Vehicles use a High Voltage System and therefore **MUST ONLY** be work on by suitable personnel

CAUTION

During the update, switch off all unnecessary consumers. For example, ventilation, seat heaters, interior illumination, exterior lights etc.

1. Ensure that the correct battery charger is connected to the vehicle. – Refer to the "Battery Charger" section above.
2. Select the Special Functions tab
 - a. Select 'SVM – Code Input'

- b. Select 'Perform Test'
 - c. Enter the applicable SVM code (as per the "Obtaining Correct SVM Code" section)
3. Allow the test to run until completion.
4. If you encounter any errors during the update, please raise a FULL DISS query stating the error encountered whilst also ensuring that the latest GFF log is uploaded online.
5. After completion of the update, perform the following
 - a. Turn off the ignition,
 - b. Remove all equipment from the car (Diagnostic tester/dongle, battery charger, keys)
 - c. Close all doors, windows, bonnet and boot lid
 - d. Lock the vehicle and allow the vehicle to perform a CAN-BUS Sleep (wait 10 minutes).
6. After 30 minutes, unlock and open the driver's door. Turn on the ignition, re-connect the battery charger and diagnostic dongle.
7. Re-run guided fault finding and clear DTCs. If any faults are present, refer to TPI 2075920. If any of the faults present are non-sporadic, please raise a full DISS query with a full GFF log uploaded online stating the error encountered.

Identification

Once the applicable action has been conducted, the operative must submit a warranty claim as this will show the service campaign action as complete within Elsa Pro "Repair history".

You must also add a yellow paint mark as per the picture below.

