

Field campaign

Topic	W12 Software Update Package (NAR Only) Continental GT/GTC/Flying Spur 24MY (SC25/12)
Market area	United States E05 Bentley USA and rest America (6E05)
Brand	Bentley
Transaction No.	2077712/1
Campaign number	ED43
Note	
Type	
US code	

Vehicle data

24MY W12 Continental GT/GTC/Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2024	E		DDBA	*	*
3S4*	2024	E		DDBA	*	*
ZG2*	2024	E		DDBA	*	*

Documents

Document name
master.xml
ed43vinlist.pdf

Notes



Technical background

Software updates must be applied to the vehicle. The updates are for the following:

1. Improved Engine Fan control function.

- Prevents a potential overheating message "Coolant temperature is too high. Let the engine cool down by running it at idling speed for a few moments". When the fan does not function as intended to maintain optimum engine temperature.

2. Brake Light Plausibility Timer adjustment. Corrects the potential triggering of Diagnostic Trouble Codes (DTC):

The update can resolve the potential triggering of the following Diagnostic Trouble Codes (DTC):

- P0573 – Brake Switch "A" Circuit High

3. Improved Engine Fan control robustness under idle conditions.

The update can resolve the potential triggering of the following Diagnostic Trouble Codes (DTC):

- P0087 – Fuel Rail/System Pressure – Too Low Bank 1
- P0088 – Fuel Rail/System Pressure – Too high Bank 1
- P01C8 – Fuel Rail/System Pressure – Too Low Bank 2
- P01C9 – Fuel Rail/System Pressure – Too High Bank 2

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

Claim type: 790 or 710

Service number: ED43

Damage code: 00 66

Criteria:01

Labour Operation Code: 01 51 00 00

Time: As per ODIS log (Must not exceed 90TU)

Parts

Not Applicable

Parts supply

Not Applicable

Parts despatch control

Not Applicable

Repair instructions



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- P01C9 – Fuel Rail/System Pressure – Too High Bank 2

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 2.35.2 (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

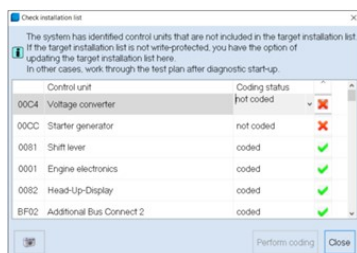
ONLY Chargers that meet the approved specification on the Mandatory Equipment List (available on the Bentley Hub) MUST be used.

- 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

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

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. Enter the applicable SVM code:
 - a. If the vehicle is any variant of a Continental GT or GTC, enter the SVM Code: "370ECMBLF01".
 - b. If the vehicle is any variant of a Flying Spur, enter the SVM Code: "371ECMBLF01".
4. Allow the test to run until completion.
5. 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.
6. 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.
7. After successful 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 to perform a CAN-BUS sleep (wait 15 minutes).
8. Run the engine at idle for 15 minutes – Periodically check to ensure engine coolant fan is operating.
9. Conduct the readiness code procedure.
 - a. ENSURE NEUTRAL IS SELECTED DURING THE TEST WHEN INSTRUCTED AS DIRECTED BY ODIS.

- b. Carry out the readiness code test until complete.
- c. Should the readiness code bytes be 00000000 NO FURTHER ACTION IS REQUIRED.
- d. Should ANY of the bytes be 1, YOU MUST repeat the readiness code test again. Once complete you must then recheck and confirm the readiness code is 00000000.

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.



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