



Connection offline

Technical product information

Topic	12V Battery Compatibility Continental GT/GTC/Flying Spur 26MY
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2082051/3
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
electrical power, electric system, data transfer -> power supply	functionality	
electrical power, electric system, data transfer -> battery management	functionality	

Vehicle data

PHEV Continental GT/GTC & Flying Spur | 26MY

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
Z23*	2026	E		*	*	*
Z24*	2026	E		*	*	*
Z32*	2026	E		*	*	*

Documents

Document name
master.xml



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Technical product information

Transaction No.: **2082051/3**

12V Battery Compatibility | Continental GT/GTC/Flying Spur | 26MY

Customer statement / workshop findings

This TPI is intended to give definitive guidance on the installation of the latest 12V battery in 26MY vehicles. The need for clarity arises due to software dependencies that affect battery approval and functionality.

Technical background

The latest 12V batteries (refer to parts information) are approved for use only on vehicles operating with baseline software version BIL 108.4. This baseline is implemented through software updated as instructed in this TPI. Vehicles not updated to BIL 108.4 must not be fitted with these batteries, as it is not validated outside of this configuration.

Revision History

2082051/3 – Flying Spur Door target data container values have been changed to correct ZDCs

Production change

From baseline BIL 108.4 onward, the latest 12V battery is fitted in production vehicles without restriction. All vehicles built with or updated to this baseline are approved for battery installation.

Measure

To install the latest 12V battery (Refer to *Software Update Instructions*) in a 26MY vehicle, also confirm the actions below are complete.

Access and check the 12V battery part number currently fitted to the vehicle:

- If a battery with Part No. 95C.915.105.J or 95C.915.105.JY is fitted, an SVM update (BIL update) must be performed prior to installation (refer to SVM update instructions below).
- If a battery with Part No. 95C.915.105.L or 95C.915.105.LY is already fitted and being replaced, no SVM update is required, and the replacement can be carried out as a direct battery exchange.



NOTICE

Where an SVM update is required for vehicles fitted with Part No. 95C.915.105.J or 95C.915.105.JY, verify whether service campaign ED59, ED65, or ED85 is applicable. If applicable and not yet completed, the campaign must be carried out before proceeding with the subsequent instructions.

SVM Applicability Table

26MY SVM Codes (BIL 108.4)
<u>SVM Code Input 1</u>

372BIL108401 (Continental GT/GTC)

373BIL108401 (Flying Spur)

SVM Code Input 2

372BIL108402 (Continental GT/GTC)

373BIL108402 (Flying Spur)

Software Update Instructions



CAUTION

The Bentley ODIS-S Brand Version **MUST** be at least 2.36.00 (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



WARNING

Vehicles using a High voltage system **MUST** only be worked on by suitably qualified personnel



CAUTION

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

Conduct a full guided fault find of the vehicle.

Address any unknown faults **BEFORE** conducting any of the below updates, referencing the applicable TPI.

Ensure that the correct battery charger is connected to the vehicle. – Refer to the “Battery Charger” Section above.

High Voltage Shutdown



WARNING

De-energise the high-voltage system via ODIS-S. Refer to ElsaPro, Repair Group 93 – “De-energising high-voltage system” to do so.

SVM Code Input 1



CAUTION

At this point, a suitable battery charger must be connected to the vehicle.

1. After a suitable battery charger is connected, select the Special Functions tab.
2. Navigate to ‘SVM – Code Input’ and enter the applicable SVM Input 1 code if required from the SVM applicability table.



NOTICE

Ensure that the Mirror server is connected when running the SVM code.

3. On the next screen, ensure that the SVM code is correct.

4. You will be shown the communication type. This **MUST** be set to “DoIP”.
- a. If “DoIP” is not selected, select option 3 until the communication type is set to “DoIP”.
5. Ensure that the diagnostic device remains connected for the duration of the update.
6. Follow all on-screen prompts until the program ends.
- a. You may be required to perform various ignition cycles during the test so ensure that you are situated around the vehicle/ODIS-S device for the full update.
7. If you encounter any errors during the update, please refer to TPI 2078962 - ‘ODIS Error Message – Best Practice When Performing Baseline (BiL) Updates’.
- a. Please raise a FULL TECHNICAL DISS query.
- b. Customer Statement: “2082051 Support”
- c. Workshop Findings: Give a summary of the error encountered and ensure that the latest Guided Fault-Finding log is submitted online.
8. Read the identification data from each ECU in the table below and verify that software versions match the target.

Right click relevant control unit > Guided Functions > Read Identification Data

Diagnostic Address	ECU name	Target Software version
0008	HVAC Electronics	0850
008C	Hybrid Battery Management	0207
8104	High Voltage Converter	0010
0075	Telematics Control Module	0394

If the software does not match the target software. Rerun SVM code input, If the software version cannot be corrected.

- a. Please raise a FULL TECHNICAL DISS query.
- b. Customer Statement: “2082051 Support”
- c. Workshop Findings: Give a summary of the error encountered and ensure that the latest Guided Fault-Finding log is submitted online.



For vehicles equipped with Conbox variant 4K2035282Q, software version 0731 at diagnostic address 0075 is correct and will not update to 0394; ignore this discrepancy and continue with the remaining TPI actions without raising a Technical DISS query.

SVM Code Input 2

9. Navigate to 'SVM – Code Input' and enter the applicable SVM Input 2 code if required from the SVM applicability table.

10. Follow the steps 3-6.

11. If you encounter any errors during the update, please refer to TPI 2078962 - 'ODIS Error Message – Best Practice When Performing Baseline (BiL) Updates'.

- a. Please raise a FULL TECHNICAL DISS query.
- b. Customer Statement: "2082051 Support"
- c. Workshop Findings: Give a summary of the error encountered and ensure that the latest Guided Fault Finding log is submitted online.

12. Read the identification data from each ECU in the table below and verify that software versions match the target.

Right click relevant control unit > Guided Functions > Read Identification Data

Flying Spur		
Diagnostic Address	ECU name	New Target Data Container [TDC]
0042	Drivers Door	V03935512YQ
0052	Passenger Door	V03935512YR
00BB	Drivers Rear Door	V03935512YS
00BC	Passenger Rear Door	V03935512YT

Continental GT/C		
Diagnostic Address	ECU name	New Target Data Container [TDC]
0042	Drivers Door	V03935489KA
0052	Passenger Door	V03935489KB
00BB	Drivers Rear Door	V03935489KG

00BC	Passenger Rear Door	V03935489KH
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If the software does not match the target software. Rerun SVM code input, If the software version cannot be corrected.

- a. Please raise a FULL TECHNICAL DISS query.
- b. Customer Statement: "2082051 Support"
- c. Workshop Findings: Give a summary of the error encountered and ensure that the latest Guided Fault-Finding log is submitted online.

13. 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).



WARNING

Re-energise the high-voltage system via ODIS-S. Refer to ElsaPro, Repair Group 93 – "Re-energising high-voltage system" to do so.

14. After 15 minutes, unlock and open the driver's door. Turn on the ignition, re-connect the battery charger and diagnostic dongle.

15. Re-run guided fault finding and clear DTCs. If any faults are present, refer to TPI 2075920. If any other faults are present, please raise a full DISS query with a full GFF log uploaded online stating the error encountered.

16. If in the event the issue is not resolved the operative must respond via an existing DISS query or raise a new technical DISS query and await a response before conducting any further work.

Warranty accounting instructions

Warranty type: 110 or 910

Damage service number: 27 06

Damage code: 00 12

Time to perform SVM Update

Labour Operation Code: 01 51 00 00

Time: As per ODIS log (Must not exceed 150 TU)

Additional Time Allowance

A 100TU allowance may be claimed only if a SVM update fails to complete successfully. This is intended to cover additional diagnostic or recovery work directly resulting from the failed update. It must not be used for unrelated delays or issues.

ODIS logs must be attached to a DISS ticket for evidence of failure. Claims without valid documentation will be rejected. Warranty Adjudicators will review associated ODIS logs and DISS queries to determine actual software update time.

Parts information

See table below for batteries approved for fitment only on vehicles with baseline BIL 108.4

Model Year	Batteries Approved for Fitment
26MY (BIL 108.4 onwards ONLY)	95C.915.105.L 95C.915.105.LY

Refer to ETKA parts catalogue.