

Technical Service Bulletin

Topic	DTC U110100 evident within address 0084 (Night Vision System) Bentayga Series 24MY
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2079206/1
Level	EH
Status	Released for publishing
Release date	Oct 29, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0084 - Night vision system	U110100: Component protection active		Intermittent
0084 - Night vision system	U110100: Component protection active		static

New customer code

Object of complaint	Complaint type	Position
transmission -> transfer case, differential, power distribution	component, automotive fluids	

Vehicle data

Bentayga Series

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V1*	2024	E		*	*	*
ZV1*	2024	E		*	*	*

Documents

Document name
master.xml

Condition

Customer Statement

Customer reports that 'SAFE CP' (component protection) is illuminated on the Driver's Instrument Panel.



Workshop Findings

The following DTC is stored in the Night Vision Control Unit (address word 0084):

- U110100 (Component protection active – with symptom 15360256)

Technical Background

If the customer complaint is present and Diagnostic Trouble Code (DTC) U110100: Component Protection Active is logged exclusively in control unit 0084, proceed to review the event memory under standard ambient operating conditions.

Refer to the Measure Section for more information.

Production Solution

Not Applicable

Service

Do not replace the Night Vision Camera (Control Unit 0084)

The fault condition can be re-triggered even after replacement. Therefore, replacing the night vision unit is not a valid corrective action.


Perform a 12V Battery Disconnect/Reconnect

Refer to ElsaPro Rep.Gr 27 'Battery – To disconnect and connect'


Replace the gateway (J533)

1. Check the software level of the gateway (J533), by reading the ECU's identification data.
 - a. If the software version is SW0025 please continue with steps 2 and 3.
 - b. If the software version is already at SW0027 please proceed to the "SVM Code Input" section.
2. Refer to ElsaPro Repair Group 90 'Data bus diagnostic interface (J533) – To remove and fit'.
3. Run the replace routine without any SVM code input.

Update the vehicle to Baseline level (BIL) 5.5

 **CAUTION**

The Bentley ODIS-S Brand Version **MUST** be at least 2.35.6 (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 13.8v 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.

SVM Code Input (Vehicle Baseline)



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 SVM Code.
 - a. If the vehicle is any variant of a Bentayga EWB, enter the SVM Code: "SE24V1BIL5501".
 - b. If the vehicle is any variant of a Bentayga SWB, enter the SVM Code: "SE24V0BIL5501".



NOTICE

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

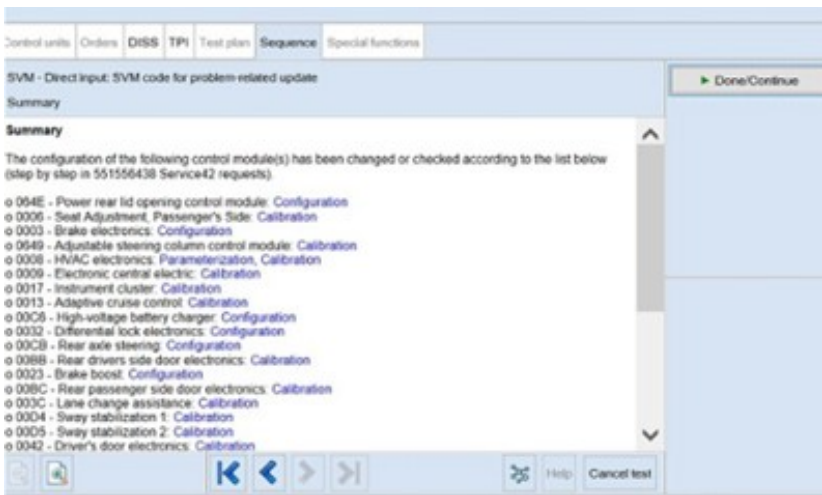
3. On the next screen, ensure that the SVM code is correct.

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 receive the error message “8118”:
 - a. Switch off the battery charger
 - b. Switch off the ignition
 - c. Remove the VCI
 - d. Close all doors
 - e. Wait 15 minutes
 - f. Retry the SVM code.
 - g. If the error is received again, allow the vehicle to reach a full CAN-BUS sleep.
 - h. Remove the 12V battery negative for 15 minutes and return to step f (Refer to ElsaPro Repair Group 27 ‘Battery – To disconnect and connect’).

NOTICE

If you encounter any errors during the update, or if you receive the ‘8118’ error as per step 8 more than two times, please raise a full technical DISS query.

– **Workshop findings: Give a summary of the error encountered and ensure that the latest guided fault finding log is submitted online.**



8. If the SVM code completes successfully, ODIS should display as per the image above.

10. If you encounter any errors during the update, please raise a FULL TECHNICAL DISS query. Include the following:

- a. TPI 2078332/ has been conducted
- b. Workshop Findings: Give a summary of the error encountered and ensure that the latest Guided Fault Finding log is submitted online.

11. 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).

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

13. 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.

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

Warranty Type – 110 or 910

Damage Service Number – 90 35

Damage Code – 02 02

SVM Update:

Labour Operation Code: 01 51 00 00

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

Gateway (J533) Replacement:

Labour Operation Code: 90 35 19 00

Time: 110 TU

Required Parts and Tools

Part Number	Description	Qty
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4KL 907 468 M	Diagnosis interface for data bus (Gateway)	1
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Refer to ETKA parts catalogue