

Technical Service Bulletin

Topic	Mono Camera Requires Replacement Bentayga 17-19MY
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2078364/1
Level	EH
Status	Released for publishing
Release date	Nov 14, 2025

New customer code

Object of complaint	Complaint type	Position
assistance systems, comfort controls -> Parking Aid, Park Assist, Rear Traffic Alert	functionality	

Vehicle data

Bentayga

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V1*	2017	E		*	*	*
4V1*	2018	E		*	*	*
4V1*	2019	E		*	*	*

Documents

Document name
master.xml

Condition

The front camera for driver assistance programs (mono camera) requires replacement.

Technical Background

If the front camera for driver assistance programs (mono camera) requires replacement, the new part that is fitted must be the D level part (see the parts information section).

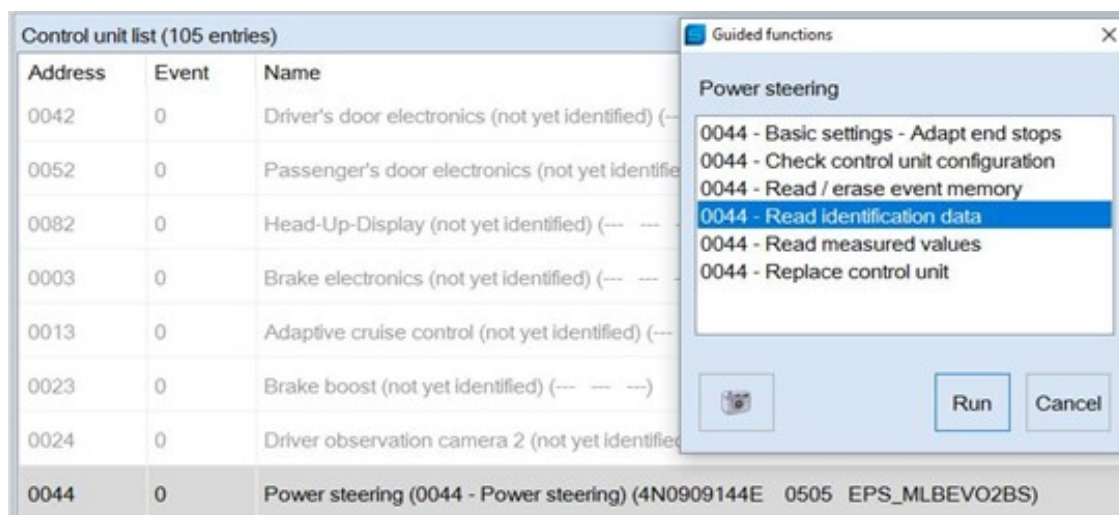
Refer to the measure section for further instructions.

Production Solution

Not applicable

Service

1. Identify the part number of the current part fitted to the vehicle.
 - a. If the current part is 36A 907 217 then proceed to step 2.
 - b. If the current part is 36A 907 217 D then continue to order the D level part as per the ETKA parts catalogue and proceed to step 12.
2. Read Software Information.
 - a. Connect to the vehicle diagnostic system.
 - b. Access the Power Steering Control Module at address 0044.
 - c. Read Identification data.



- c. Identify and note the Software Part Number.

J500 - Read identification data

Identification data:

The following identification data could be read out from the control module J500 - Power steering control unit:

- System description: EPS_MLBFO2BS
- Software part number: 4N0909144E Version: 0505
- Hardware part number: 4N0909144C Version: H22
- Coding: B0110101000101
- ASAM-ODX variant: EV_EPSVWBSAU426 / 010017
- Target data container: V03935357HR / 0001
- Designation of control module: J500
- Serial number: could not be read

d. Identify and note the Target data container (TDC) number.

3. Refer to the decision table below.

- a. Based on the software part and TDC number:
- b. If action is required, proceed with the SVM update on step 4.
- c. If no action is needed, proceed with step 12.

SW Part Number	TDC	Action	Target SW Part Number	Target TDC
4M0909144G	Any	Use 4V044FT01	4M0909144H	V03935284FT
4M0909144H	V03935245CR	Use 4V044FT01	4M0909144H	V03935284FT
4M0909144H	V03935284FT	No Action Required	N/A	N/A
4N0909144C	Any	Use 4V044SW50501	4N0909144G	V03935432FW
4N0909144D	Any	Use 4V044SW50501	4N0909144G	V03935432FW
4N0909144E	V03935293A	Use 4V044SW50501	4N0909144G	V03935432FW
4N0909144E	V03935299FT	Use 4V044SW50501	4N0909144G	V03935432FW
4N0909144G	V03935432FW	No Action Required	N/A	N/A
4N0909144E	V03935319RM	Use 4V044SW50501	4N0909144G	V03935432FW

Preparation Before SVM Update



CAUTION

The Bentley ODIS-S Brand Version MUST be at least 2.35.5 (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 minimum voltage of 12.8V 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

SVM Update 1

4. Conduct a full guided fault find of the vehicle and address any unknown faults **BEFORE** conducting any of the below updates.
5. Ensure that the correct battery charger is connected to the vehicle. Refer – to the “Battery Charger” section above.
6. Select the Special Functions tab
 - a. Select ‘SVM – Code Input’
 - b. Select ‘Perform Test’
7. Refer to the decision table on step 3 and enter the applicable SVM Code.
8. Allow the test to run until completion
9. 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

10. 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)

Mono Camera Replacement

11. Replace the mono camera with part number 36A 907 217 D (see the parts information section).

Refer to ElsaPro Rep.Gr 44 – “Camera for driver assist systems - To remove and fit”

SVM Update 2

12. Select the Special Functions tab

- a. Select ‘SVM – Code Input’
- b. Select ‘Perform Test’

13. Enter SVM Code ‘4V0A5REPLACE01’

14. Allow the test to run until completion

15. 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

16. 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)

Mono Camera Basic Settings and Alignment

17. Perform mono camera basic settings and alignment.

Refer to ElsaPro Rep.Gr 44 – “Calibrating front camera for driver assist systems”

Warranty

Warranty type 110 or 910

Damage service number 96 38

Damage code 00 38

Time to complete SVM update

Labour operation code 01 51 00 00

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

Time to remove and install the camera for driver assist systems

Labour operation code 96 38 19 00

Time 20 TU

Time to adjust the camera for driver assist systems

Labour operation code 96 38 15 50

Time 120 TU

As this TPI is only applicable to vehicles outside of Warranty, the above information is for reference only and is not to be submitted as a Warranty claim

Required Parts and Tools

Front Camera for Driver Assistance Programs: 36A 907 217 D

Refer to ETKA parts catalogue