

SERVICE BULLETIN

Reference number:	SB-13-0439	Issued: 7 June 2017
Subject:	Calibration Procedure for the 360-Degree Camera on DB11	
Model(s):	DB11 Only	
VIN Range:	All	
Applicable to:	All Dealers	
Distribute to:	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Reason for this Service Bulletin

If a component related to the Surround Vehicle System (SVS) on DB11 is replaced or moved during repair procedures, the calibration will not be correct. A message will show in the infotainment screen to tell you the camera is not calibrated. You must do the calibration procedure that follows, after the components have been fully assembled.

Note: *If the door mirrors are moved manually this can give a message to state that they are not calibrated. If this occurs, press and hold the mirror switch to the left or the right to do a cycle of the mirror fold function.*

Workshop Procedure

Before this workshop procedure can be done, several conditions must be met:

- **Weather Conditions:** Daylight hours are necessary for this procedure to be completed. If the sun is in a low position such as sunrise or sunset, the time taken to calibrate the camera(s) will increase
Road surface: The road surface must be dark with clear road markings. The road must also be dry so there is no reflection from surface water. Unpaved roads or block paved road surfaces are not recommended.
- **Route:** The route must be clear of other vehicles so the cameras can be calibrated quickly. Obey the instructions related to speed and steering wheel angle as they are shown on the Centre Display.
- **Vehicle:** Make sure that all cameras are clean and mirrors are not in the folded position. The bonnet, deck lid and all doors must be closed.

Calibration Notes

- If the vehicle is driven at a slower speed, the cameras will calibrate faster.
- If the vehicle moves outside of the necessary speed and steering angle, the calibration will pause if it has started to acquire suitable data.
- If there is a greater contrast on the road surface between the road and painted surfaces, this will help to calibrate the camera quicker.

1. Connect the VCI to the vehicle and launch the AMDS 2.0 Application on the AMDS laptop.
2. Confirm vehicle VIN.
3. From the AMDS landing page select "Special Apps" (refer to Figure 1)

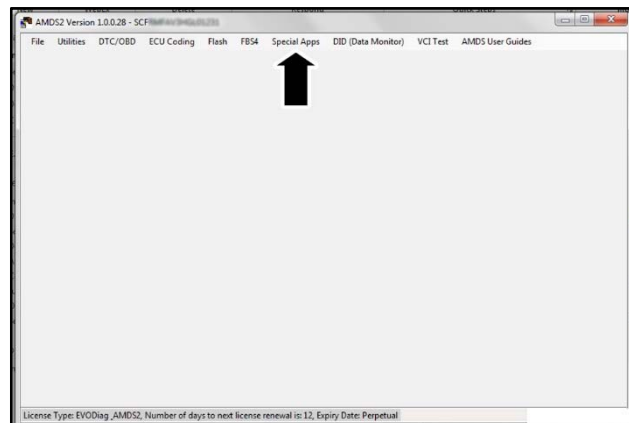


Figure 1

4. From the Special Apps menu, select "SVS" (refer to Figure 2) (1) and select OK (2)

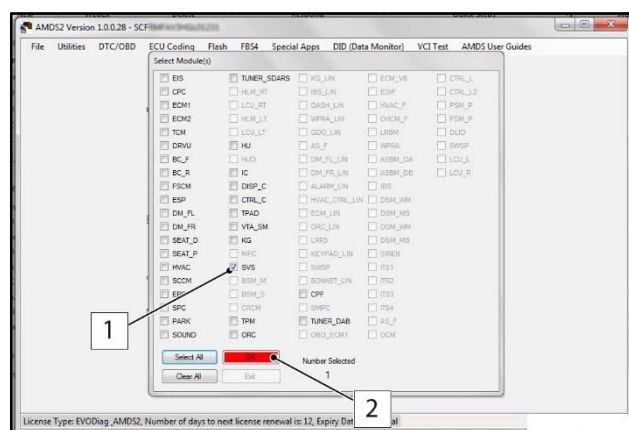


Figure 2

5. Select "Check Coding" to do a check of the coding (refer to Figure 3).

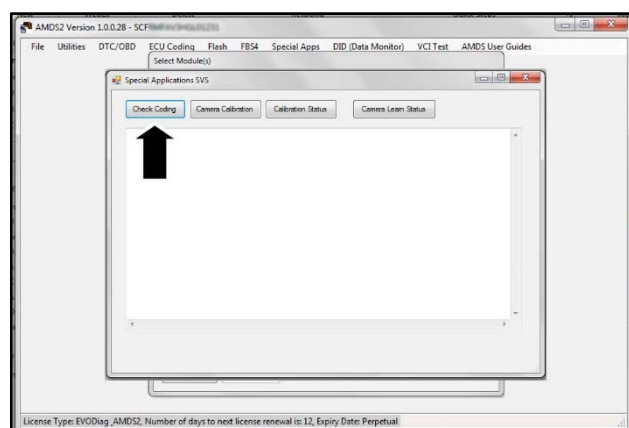


Figure 3

6. Select "Camera Calibration" to begin the camera calibration procedure (refer to Figure 4).

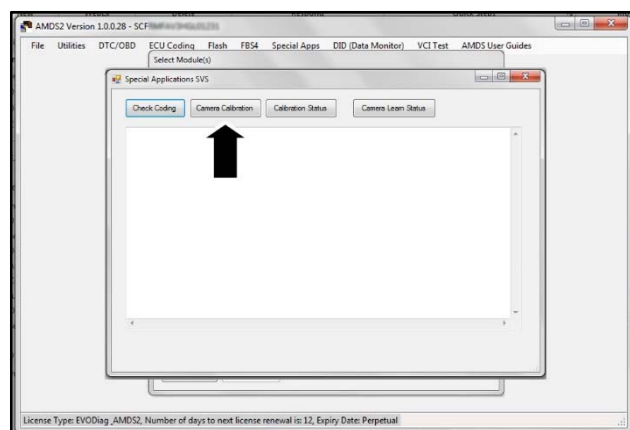


Figure 4

7. During the calibration procedure the below conditions must be met:
- Vehicle speed must not exceed 25km/h
 - Steering angle must not exceed $\pm 15^\circ$

A speed and steering angle symbol will be shown on the centre display in the vehicle (refer to Figure 5). When either the steering angle or vehicle speed is too great, the symbols will change to red and calibration will stop.



Figure 5

8. Select "Calibration Status" to monitor the calibration status (refer to Figure 6).

Note: Each camera can take up to 10 minutes to calibrate correctly. The calibration procedure should be completed by a non-productive member of staff.

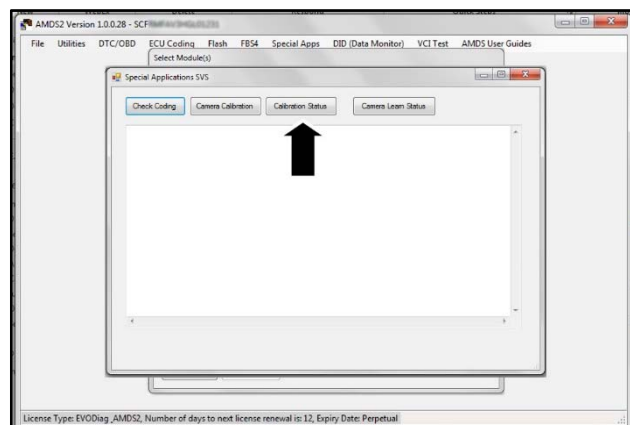


Figure 6

9. When a camera or the SVS module is replaced the SVS system automatically learns the camera serial numbers. To do a check of the camera learn status, select "Camera Learn Status" (refer to Figure 7)

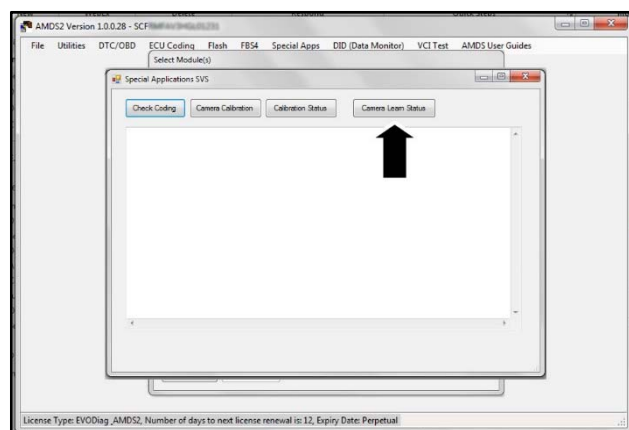


Figure 7

Warranty Data

Procedure and Labour Time

Description	Labour Time
SVS Calibration Procedure	0.65 hours

Failure Mode Description

Select the failure modes that follow when you make a claim through the Warranty system:

Subsystem	Location	Component	Mode of Failure
ELECTRICAL	CAMERAS	FRONT	INOPERATIVE
ELECTRICAL	CAMERAS	DOOR MIRROR LHS	INOPERATIVE
ELECTRICAL	CAMERAS	DOOR MIRROR RHS	INOPERATIVE
ELECTRICAL	CAMERAS	REVERSING CAMERA	INOPERATIVE

If you have any questions related to this Service Bulletin, please contact: Aston Martin Technical Services
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Or contact your After Sales Manager.

The English version of this Service Bulletin is written in
Simplified Technical English to ASD-STE100™.