

SERVICE ACTION

Reference number:	SA-13-1276	Issued: 02 August, 2019
Subject:	Blind Spot Monitor (BSM) Software Update	
Model(s):	DB11 & Vantage 19MY	
VIN Range:	Refer to the separately published list of affected Vehicle Identification Numbers (VINs)	
Applicable to:	North America	
Distribute to:	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Reason for this Service Action

Aston Martin has found that some vehicles built to federal market specification must have the blind spot monitor (BSM) software updated. The (BSM) software update has an extended warning zone for the driver side only.

Do the workshop procedure that follows to update the (BSM) software and correct this problem.

Workshop Procedure

CAUTIONS: CONNECT THE AMDS 2.0 EQUIPMENT TO AN ELECTRICAL SUPPLY WHEN YOU DO THE PROCEDURE THAT FOLLOWS. IF THE LAPTOP BATTERY VOLTAGE DECREASES DURING THE SOFTWARE UPDATE, THE UPDATE CAN FAIL AND CAN CAUSE DAMAGE TO THE MODULE.

YOU MUST CONNECT A BATTERY CHARGER TO THE VEHICLE BEFORE YOU DO DIAGNOSTIC PROCEDURES. IF THE VEHICLE BATTERY VOLTAGE DECREASES DURING THE PROCEDURE, THE SOFTWARE UPDATE CAN FAIL AND CAN CAUSE DAMAGE TO THE MODULE.

Notes: *Make sure that the AMDS 2.0 software has updated to the latest version. The AMDS 2.0 software will need a good Internet connection (minimum broadband speed of 2 Mbit/second) to make sure that the software is updated correctly.*

A high output battery charger (minimum of 80 A) is necessary to meet the demand of the radiator cooling fan. The battery charger must also be compatible with Absorbent Glass Mat (AGM) type batteries.

1. Insert the vehicle key in the Electronic Ignition Switch (EIS). Refer to the Vehicle Owner's Guide.
2. Set the ignition to ON but do not start the engine.
3. Connect the Vehicle Communication Interface (VCI) to the vehicle by using the Diagnostic Link Cable (DLC).
4. Start the AMDS 2.0 software and, if necessary, update to the latest version.

CAUTION: DO NOT START THE ENGINE AFTER YOU HAVE UPDATED THE SOFTWARE FOR THE ENGINE CONTROL MODULES. THE ENGINE CONTROL MODULES MUST SHUT DOWN FULLY BEFORE YOU START THE ENGINE. IF YOU START THE ENGINE, IT WILL NOT OPERATE CORRECTLY.

- In AMDS 2.0 click the "DTC/OBD" button (refer to Figure 1).

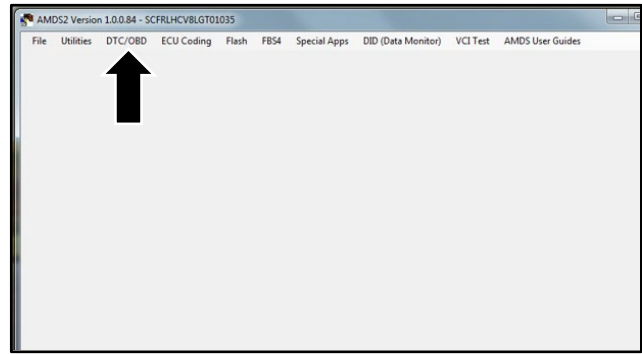


Figure 1

- Select the "BSM_M" and "BSM_S" modules then click the "OK" button (refer to Figure 2).

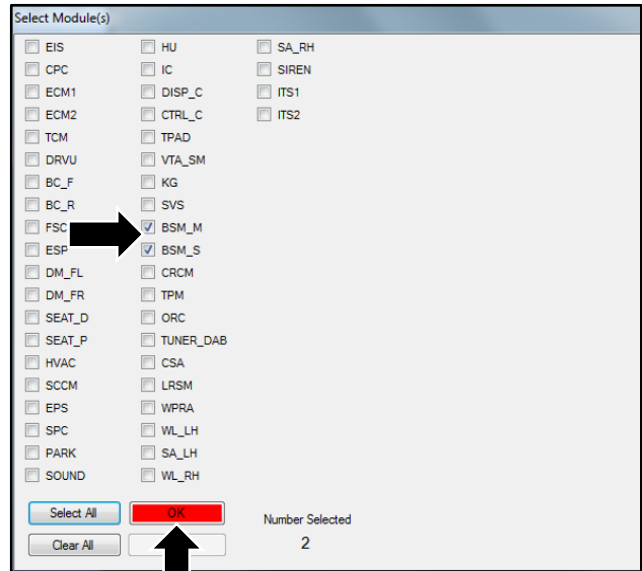


Figure 2

- Click the "Pt. Numbers" button and do a check of the part numbers.
 - If the software versions are not the same as shown in Figure 3 do steps 8 thru 12.
 - If the software versions are the same as shown in Figure 3 no more work is necessary, go to step 13.

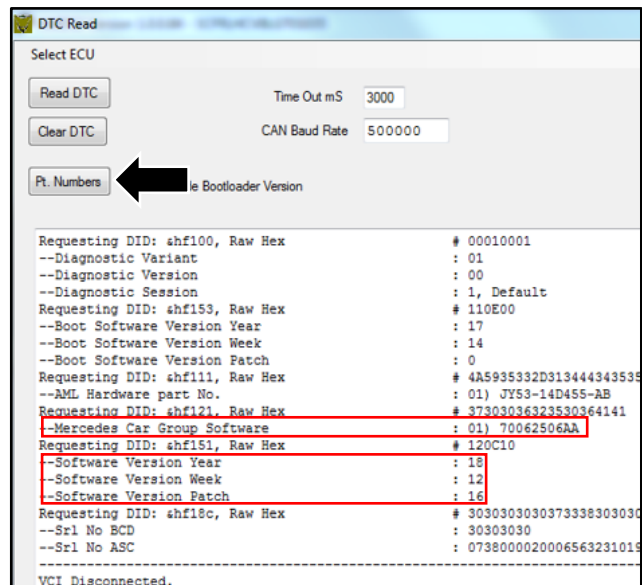


Figure 3

- In the "ECU Flash App" window, check the BSM_M module has the correct version of software installed (refer to Figure 4).

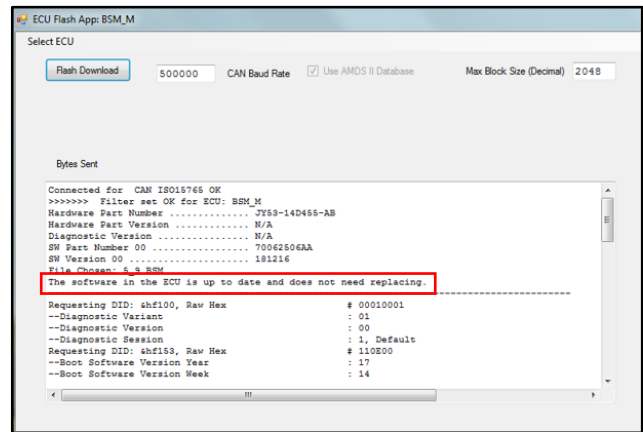


Figure 4

- If the software has been updated, the variant coding must be updated. Click the "Get Coding from AML Server" then click the "Save Coding to ECU(s)" button (refer to Figure 5).

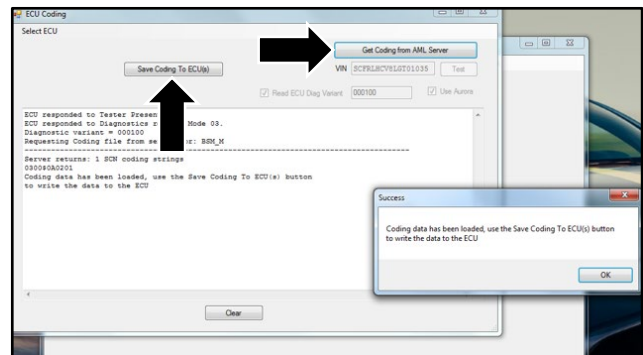


Figure 5

- In AMDS 2.0 click the "DTC/OBD" button (refer to Figure 6).

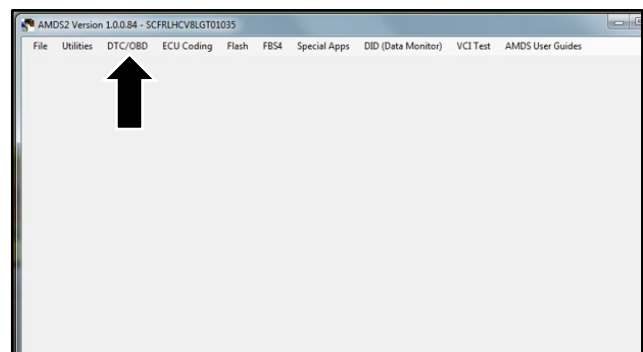


Figure 6

- In the "DTC Read" window, click the Read DTC button, (refer to Figure 7).

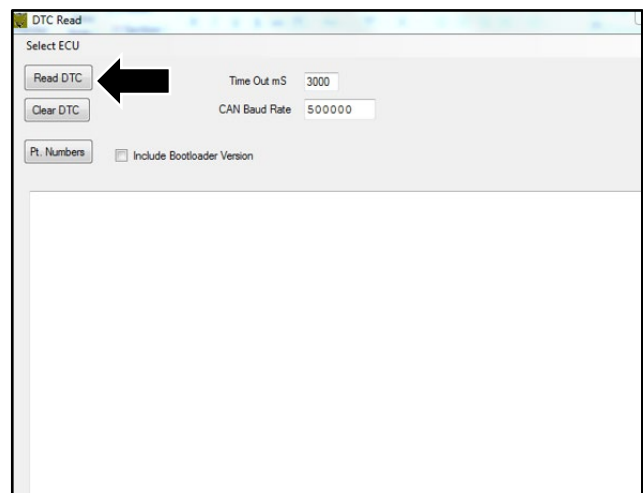


Figure 7

- 12. Check to make sure there are no diagnostic trouble codes (DTCs) stored for the BSM_M and BSM_S modules (refer to Figure 8).

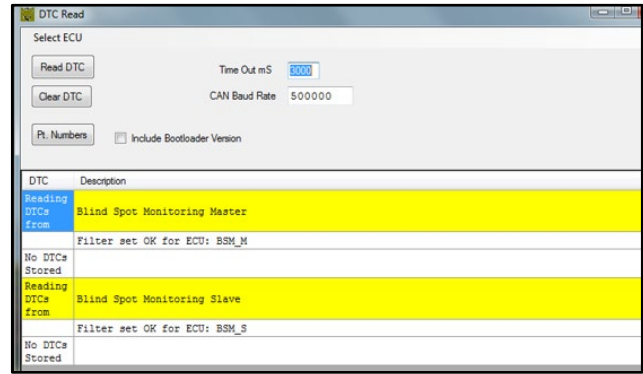


Figure 8

- 13. Disconnect the (VCI) from the vehicle and shut down AMDS 2.0.
- 14. Set the ignition to Off.

Warranty Data

Procedure and Labour Time

Description	Labour Time
BSM Software Update.	0.2 hours

If you have any questions related to this Service Action, please contact: Aston Martin Technical Services on: +44 (0) 1926 644720, email: askamtech@astonmartin.com, Or contact your After Sales Manager.

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