

SERVICE ACTION

Reference number:	SA-15-0293	Issued: 15 September 2017
Subject:	DB11 Head Unit SCN coding update – EU TMC	
Model(s):	DB11	
VIN range:	Refer to the separately published list of Vehicle Identification Numbers (VINs)	
Applicable to:	All EU Dealers	
Distribute to:	After Sales Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Reason for this Service Action

Some DB11 vehicles do not have the correct Software Calibration Number (SCN) coding for the Head Unit (HU) of the vehicle's infotainment system. This means that these vehicles do not display the Traffic Management Channel (TMC) information. You must do the procedure that follows to update the SCN coding for the Head Unit on all applicable vehicles.

Workshop Procedure

Before you do the workshop procedure, do steps 1 thru 3. Make sure that you obey the cautions that follow during the 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. You must have Version 1.0.0.51 or later. 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. Remove the armrest (standard armrest). Open the armrest to position "1" (powered armrest).
2. Remove the end cap from the vehicle key. Install the vehicle key in the Electronic Ignition Switch (EIS).
3. Turn the vehicle key clockwise to set the ignition to "On".

CAUTION: MAKE SURE THAT THE IGNITION STAYS SET TO "ON" DURING THE FULL PROCEDURE. IF YOU DO NOT DO THIS, THE POWER SUPPLY TO SOME COMPONENTS OF THE VEHICLE'S ELECTRICAL SYSTEM CAN SHUT DOWN. IF THE SYSTEM VOLTAGE DECREASES DURING THE PROCEDURE, THE SOFTWARE UPDATE CAN FAIL AND CAN CAUSE DAMAGE TO THE SYSTEM.

Note: Remember that the "Start" button is disabled if the vehicle key is used to start the engine.

4. Refer to the separately published list of Vehicle Identification Numbers (VINs). The VIN list gives you the Software Calibration Number (SCN) coding file applicable to each vehicle.

Note: *The three SCN coding files that follow are applicable to this Service Action. They are available on the DCS portal:*

SA-15-0293_AU07_TPD1.csv

SA-15-0293_AU11_TPD1.csv

SA-15-0293_AU12_TPD1.csv

You must select the file that is correct for the vehicle that you update – refer to the VIN list for this Service Action.

5. Download the applicable SCN coding file from the DCS portal.
6. Save the file to the Desktop of the AMDS 2.0 laptop to be used for this procedure.
7. Connect the AMDS 2.0 equipment to the vehicle. Make sure that the laptop is connected to an electrical supply during the procedure.
8. When the AMDS 2.0 software has identified the vehicle's VIN, navigate to the home page of AMDS 2.0.
9. Select "Read/Write" from the "ECU Coding" drop-down list (refer to Figure 1).

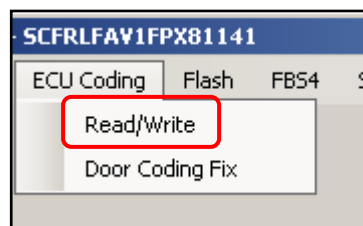


Figure 1

10. Select "HU" from the list of available modules and click "OK" (refer to Figure 2).

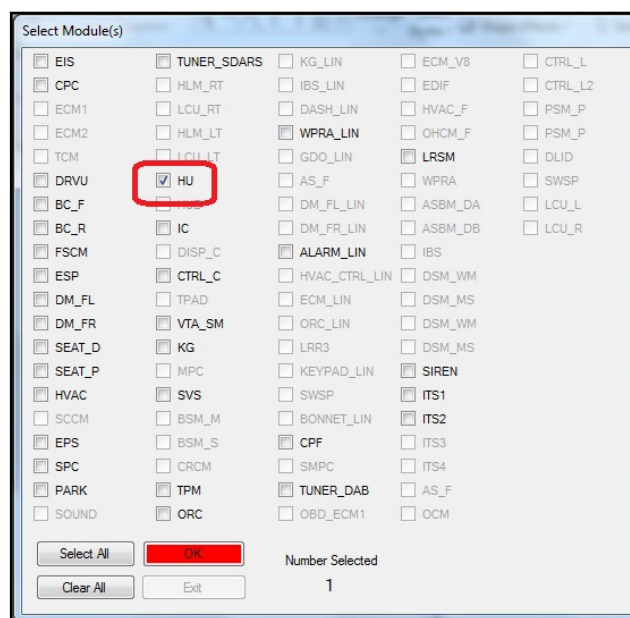


Figure 2

11. Select "Load Coding File From Disc" (refer to Figure 3).

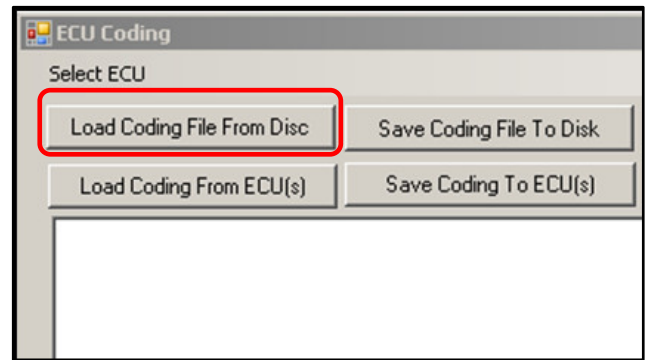


Figure 3

12. A browser window will now open. Select the SCN coding file from the Desktop and click "OK".
13. If the correct file is loaded, you will see a "Success" pop-up. Click "OK" (refer to Figure 4).

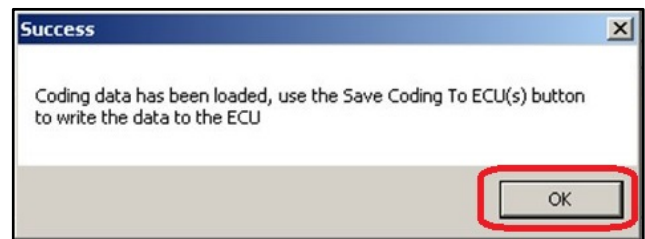


Figure 4

14. Click "Save Coding to ECU(s)" to save the new SCN coding to the HU module (refer to Figure 5).

Note: Do a check of the highlighted digit (refer to Figure 5) to make sure that the new code is correct. For the initial code the digit will be "0". For the updated code, the digit will be "4".

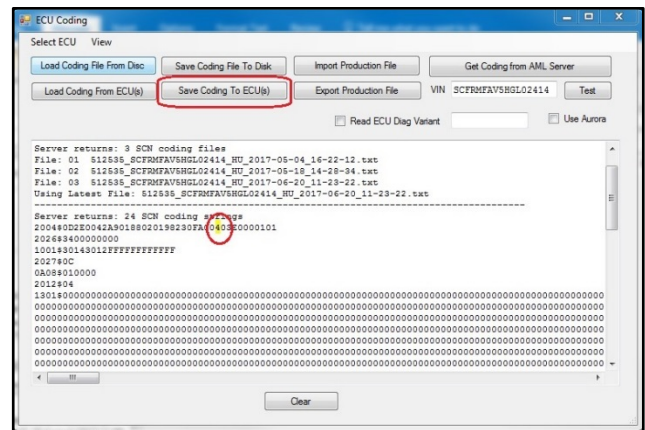


Figure 5

15. When the procedure is completed, set the ignition to "Off".
16. Remove the vehicle key and install the key cap.
17. Install or close, as applicable, the armrest.
18. Disconnect the AMDS 2.0 equipment and the battery charger.

Warranty Data**Procedure and Labour Time**

Description	Labour Time
Update the SCN coding for the Head Unit	0.2 hours

Please Note:

When you have completed this Service Action, make sure that you make an entry in Section A of the Vehicle Owner's Guide to show that the procedure is completed.

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™.