

SERVICE ACTION

Reference number:	SA-61-1427	Issued: 12 October, 2020
Subject:	Door Module Software Update	
Model(s):	DBX	
VIN Range:	Refer to the separately published list of affected Vehicle Identification Numbers (VINs)	
Applicable to:	All	
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 have a software issue where the vehicle will try to lock the doors when the doors are not closed.

Do the workshop procedure that follows to update the Door Modules (DM_FR23/DM_FL23/DM_RR23/DM_RL23) to 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. Set the ignition to ON but do not start the engine.
2. Connect the Vehicle Communication Interface (VCI) to the vehicle by using the Diagnostic Link Cable (DLC).
3. Start the AMDS 2.0 software and, if necessary, update to the latest version.

4. Select 'ECU Coding'. (Refer to Figure 1).

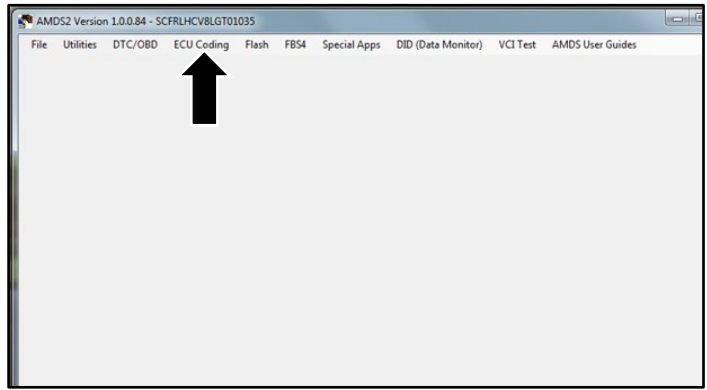


Figure 1

5. Select the "DM_FR23" module then click the "OK" button (refer to Figure 2).

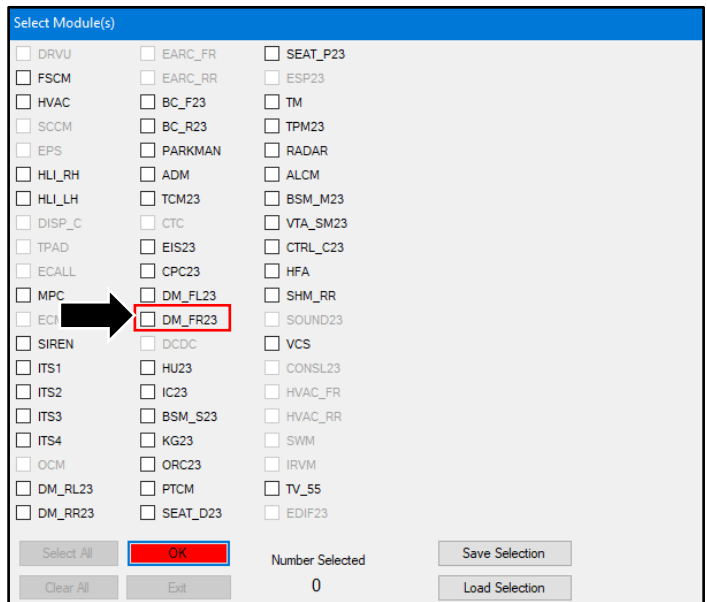


Figure 2

6. Select "Get coding from AML Server" (refer to Figure 3).

Coding will appear in the main display.

Note: Make sure the correct VIN is shown.

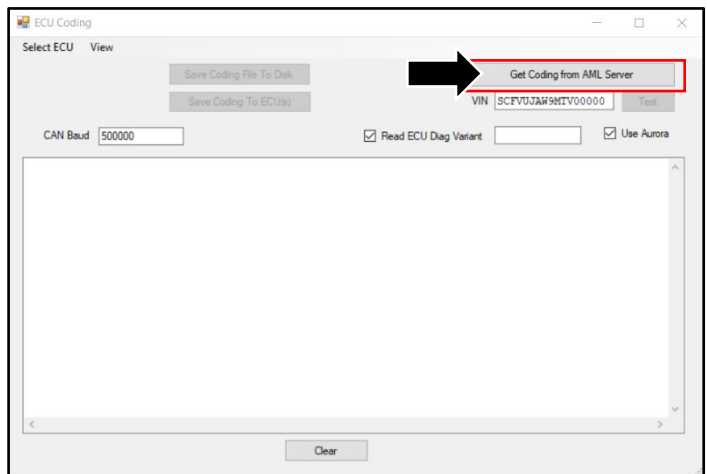


Figure 3

7. Select "Save Coding To ECU(s)" (refer to Figure 4).

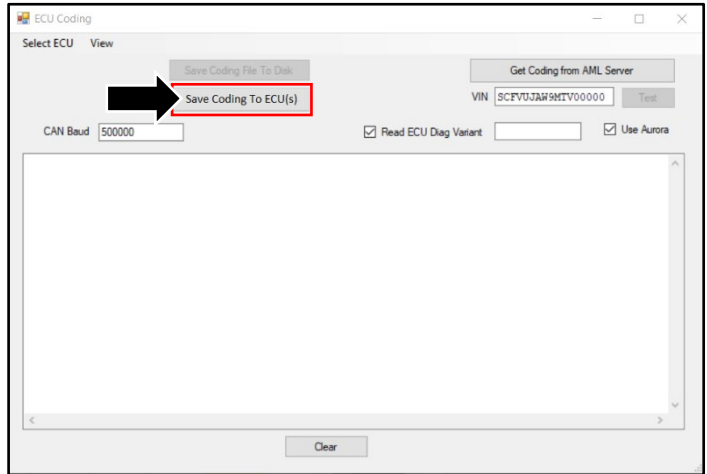


Figure 4

8. Do steps 4 thru 7 again for the below modules:

- Front Left Door Module (DM_FL23)
- Rear Right Door Module (DM_RR23)
- Rear Left Door Module (DM_RL23)

9. Click the "DTC/OBD" button (refer to Figure 5).

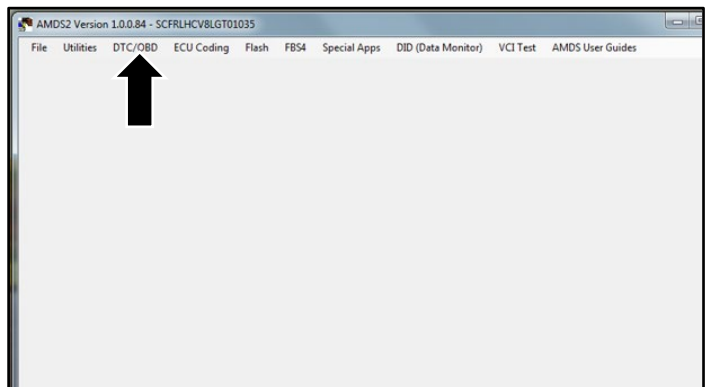


Figure 5

10. In the "DTC Read" window, click the 'Read DTC' button, (refer to Figure 6).

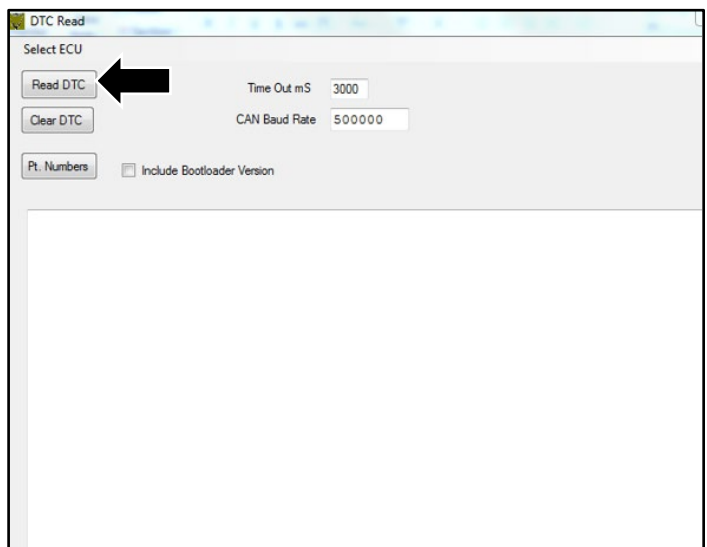


Figure 6

11. Make sure there are no diagnostic trouble codes (DTCs) stored for the door modules.
 - Front Right Door Module (DM_FR23)
 - Front Left Door Module (DM_FL23)
 - Rear Right Door Module (DM_RR23)
 - Rear Left Door Module (DM_RL23)
12. Set the ignition to OFF.
13. Open the door to make sure the ignition turns off, then close the door again.
14. Set the ignition to on but do not start the engine.
15. Do a check for DTCs.
16. Disconnect the VCI from the vehicle and shut down AMDS 2.0.
17. Set the ignition to Off.

Warranty Data

Procedure and Labour Time

Description	Labour Time
Update Door-Module Software Coding	0.5 hours

If you have any questions related to this document, please refer to the 'Contact Us' link on this webpage, or contact your local Dealer or After Sales Manager.

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