

## SERVICE ACTION

<b>Reference number:</b>	SA-23-1575	<b>Issued:</b> 12 November, 2021
<b>Subject:</b>	Coding Update for the Body Control Front Module	
<b>Model(s):</b>	V12 Speedster	
<b>VIN Range:</b>	Refer to the separately published list of affected Vehicle Identification Numbers (VINs)	
<b>Applicable to:</b>	All Dealers	
<b>Distribute to:</b>	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

### Reason for this Service Action

Aston Martin has released a coding update for V12 Speedster to remove an incorrect battery warning message in the Instrument Cluster.

To correct this problem, do the workshop procedure that follows to update the Body Control Front (BC\_F) module.

### 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.

- In AMDS 2.0 click “ECU Coding” (refer to Figure 1).

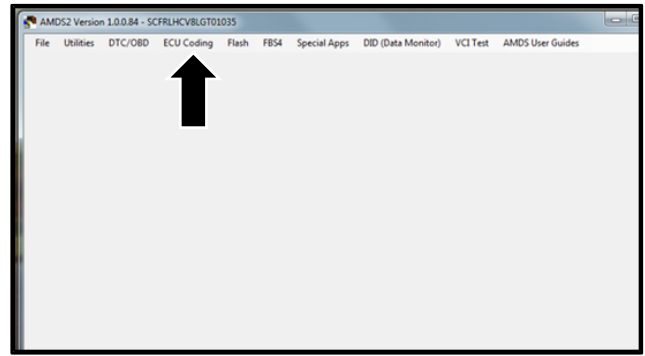


Figure 1

- Select “BC\_F” then click “OK” (refer to Figure 2).

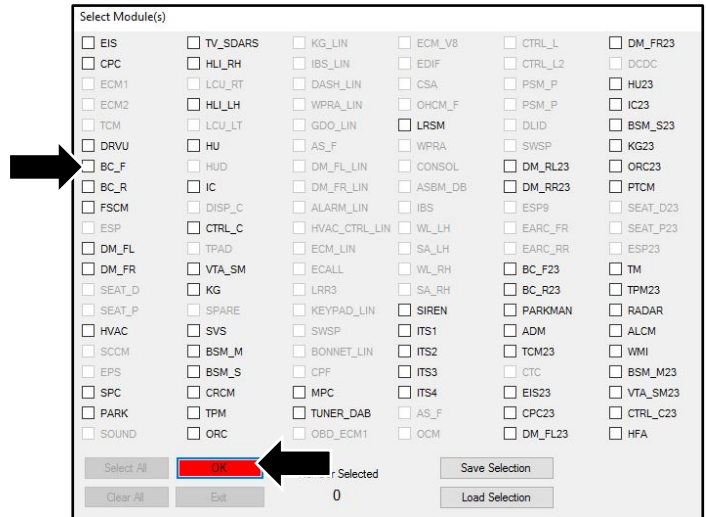


Figure 2

- Select “Get coding from AML Server” (refer to Figure 3).

Make sure the coding table version is: 212001.

**Note: Make sure the correct VIN is shown.**

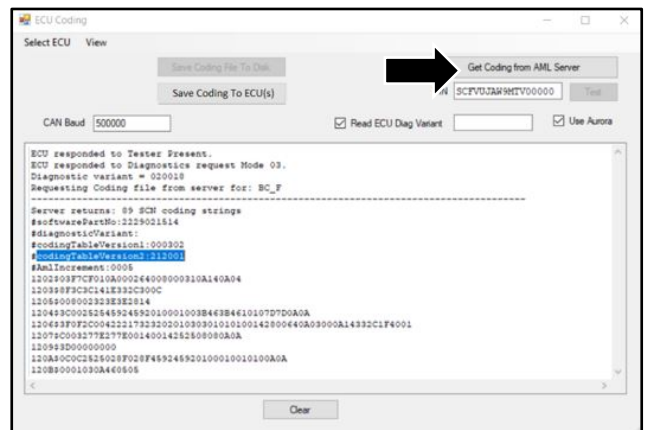


Figure 3

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

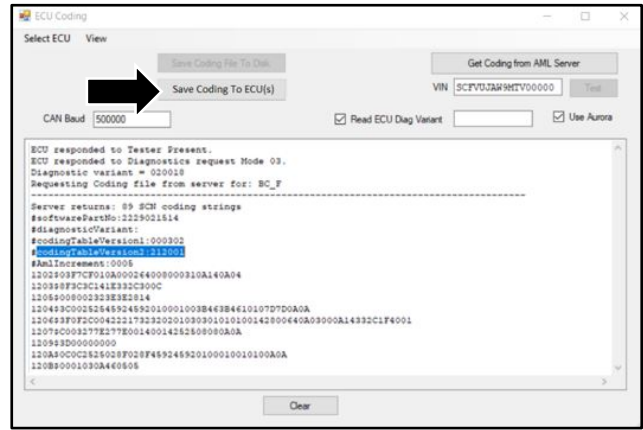


Figure 4

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

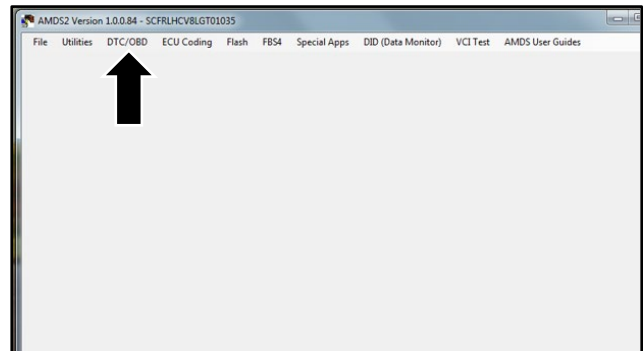


Figure 5

9. In the "DTC Read" window select "Read DTC". (refer to Figure 6).

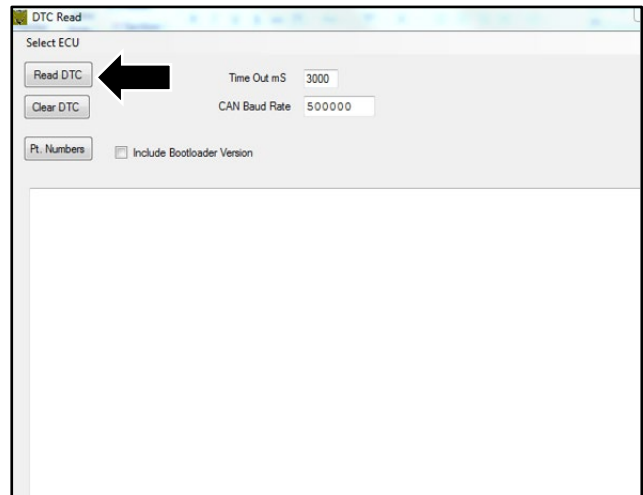


Figure 6

10. Make sure there are no diagnostic trouble codes (DTCs) stored for the BC\_F module.
11. Set the ignition to OFF.
12. Disconnect the VCI from the vehicle and shut down AMDS 2.0.

**Warranty Data****Procedure and Labour Time**

Description	Labour Time
Coding update for the body control front module	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 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 document is written in Simplified Technical English to ASD-STE100™.