

SERVICE ACTION

Reference number:	SA-03-0303	Issued: 20 December, 2017
Subject:	Engine Control Module (ECM) software update	
Model(s):	DB11 V8	
VIN range:	Refer to the attached list of Vehicle Identification Numbers (VINs)	
Applicable to:	All Dealers	
Distribute to:	After Sales Manager Warranty Staff Executive Manager Technician(s) Service Manager Parts Staff Sales Manager	

Reason for this Service Action

This Service Action gives the procedure to update the DB11 V8 ECM with AMDS 2.0. This important update includes; diagnostic improvements, throttle limp-home strategy change and low fuel pressure fix. You must use the procedure that follows to update the ECM software.

Workshop Procedure

CAUTION: CONNECT A BATTERY CHARGER TO THE VEHICLE BATTERY WHEN YOU DO THE PROCEDURE THAT FOLLOWS. IF THE VEHICLE BATTERY DISCHARGES DURING THE PROCEDURE, THE SOFTWARE UPDATE CAN FAIL. THIS CAN CAUSE DAMAGE TO THE ENGINE MANAGEMENT SYSTEM (EMS).

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 UPDATE, THE UPDATE CAN FAIL AND CAN CAUSE DAMAGE TO THE MODULE.

Note: *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 with the Diagnostic Link Cable (DLC).

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

4. Use AMDS 2.0 to update the software for the ECMs to the release that follows:
 - 1C180AF – for Rest of World vehicles
 - 1C180BF – for US and Canadian vehicles
5. Use AMDS 2.0 to erase the Diagnostic Trouble Codes (DTC).

Warranty Data

Procedure and Labour Time

Description	Labour Time
Update the ECM software	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™.