

SERVICE ACTION

Reference number:	SA-03-1169	Issued: 17 October, 2018
Subject:	Engine Control Module (ECM) software update - cold start	
Model(s):	DBS Superleggera	
VIN range:	Refer to the separately published list of affected Vehicle Identification Numbers (VINs)	
Applicable to:	All Dealers	
Distribute to:	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Reason for this Service Action

During a cold start of the DBS Superleggera the engine operates in a condition to increase the exhaust temperatures to get the catalysts hot. This condition can set off the driveline resonance mode, if the vehicle creeps in Drive or Reverse without the use of the accelerator. The resonance causes a rattle in the driveline which the driver will hear.

Do the Workshop procedure that follows to correct this in all applicable vehicles.

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. Use AMDS 2.0 to connect to the Internet and update the AMDS 2.0 database to the latest release. (Refer to Service Bulletin: SB-19-1110)
2. Insert the vehicle key in the Electronic Ignition Switch (EIS). Refer to the Vehicle Owner's Guide.
3. Set the ignition to ON but do not start the engine.
4. Connect the Vehicle Communication Interface (VCI) to the vehicle by using the Diagnostic Link Cable (DLC).

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

5. Use AMDS 2.0 to update the software for the ECMs to the latest release.
6. Use AMDS 2.0 to do a check and erase applicable DTCs.
7. Do the steps in Service Bulletin SB-03-0433 from step 7 until the end of the procedure.

Part Data

Not applicable

Warranty Data**Procedure and Labour Time**

Description	Labour Time
EMS Software Update.	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™.