

SERVICE BULLETIN

Reference number:	SB-44-1552	Issued: 11 August, 2021
Subject:	Flash the Electronic Power Steering Module (EPS)	
Model(s):	DBX	
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 Bulletin

Aston Martin has released a software update for the Electronic Power Steering module (EPS) that decreases steering vibration on rough road surfaces.

If a customer complains of steering vibration and noise, do the workshop procedure that follows 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 “Flash” (refer to Figure 1).



Figure 1

5. Select the “EPS” module then click “OK” (refer to Figure 2).

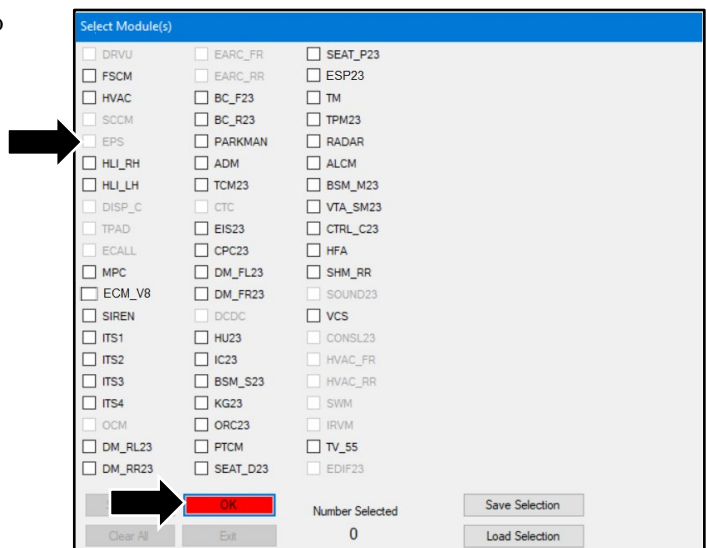


Figure 2

6. Select “Flash Download” (refer to Figure 3).

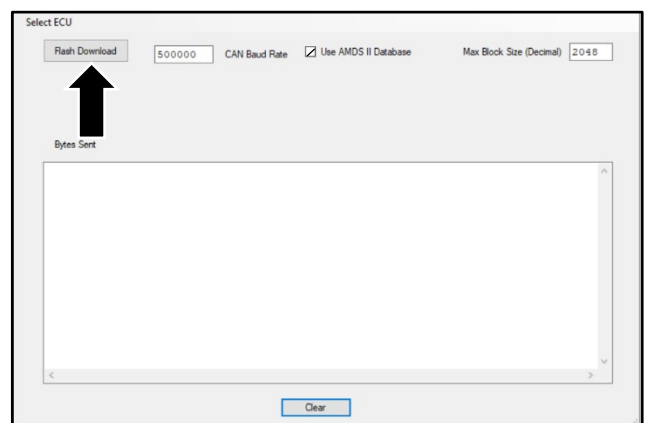


Figure 3

7. When the software update is complete, close the “Flash” window.
Note: The update is complete when “Post-programming sequence completed OK. VCI Disconnected. DRVU reset OK” is shown.
8. Clear any Diagnostic Trouble Codes (DTCs) stored for the “EPS” module.
9. Set the ignition to off.

- 10. Set the ignition to on but do not start the engine.
- 11. In the “DTC Read” window select the EPS module then select “Pt. Numbers”.
Do a check and make sure the software patch level is:
21-26-8
Do a check and make sure the ZF software ID is:
01) A28_A00_D_32_00 (refer to Figure 4).

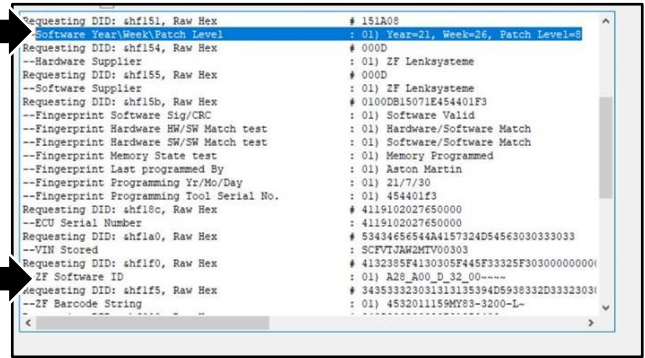


Figure 4

- 12. Make sure there are no DTCs stored for the “EPS” module.
- 13. Set the ignition to OFF.
- 14. Disconnect the (VCI) from the vehicle and shut down AMDS 2.0.

Warranty Data

Procedure and Labour Time

Description	Labour Time
Flash the EPS module	0.2 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 document is written in Simplified Technical English to ASD-STE100™.