

## SERVICE ACTION

Reference number:	SA-63-1466	Issued: 12 April, 2021
Subject:	DCDC Convertor Software Update	
Model(s):	DBX	
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

### Important Information

Aston Martin has decided that you should contact customers and ask them to return to the Dealership at their earliest convenience to have this DCDC software update completed. Please refer to SPL-63-1466V2.

### Reason for this Service Action

There is a new software update available for the DCDC convertor which makes improvements to the 48V battery system. To update the DCDC Convertor software to the latest version do the workshop procedures that follow:

**Note: The DRVU module must be updated before the DCDC module can be updated.**

### 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 make sure it is connected to the internet. If necessary, update to the latest version.
4. Select "Flash" (refer to Figure 1).

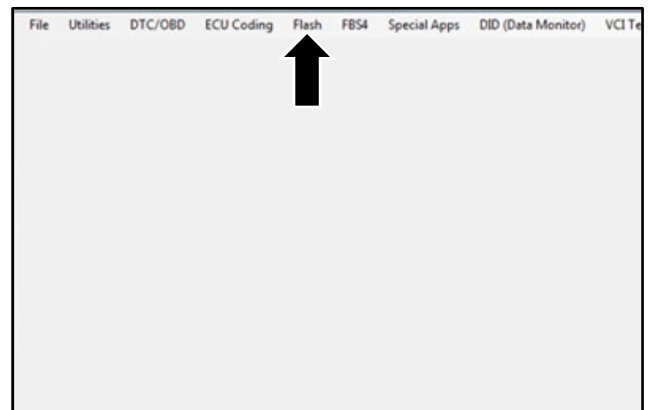


Figure 1

5. Select "DRVU" then click "OK" (refer to Figure 2).

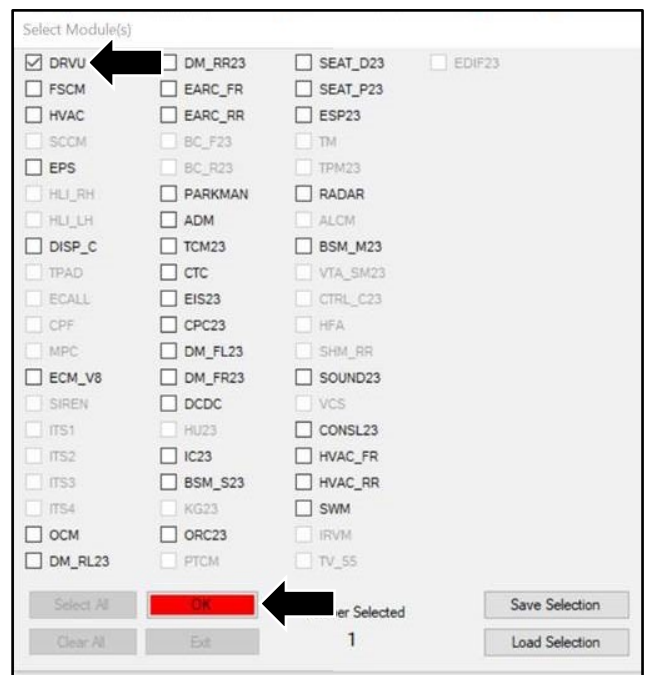


Figure 2

6. Select "Flash Download" (refer to Figure 3).

**Note: A '48V warning' and 'suspension warning' message will show on the instrument cluster.**

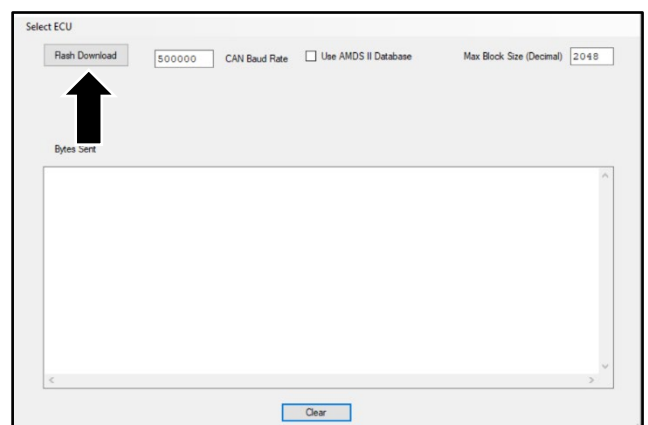


Figure 3

7. When the software update is complete, close the “Flash” window.
8. In the “DTC Read” window select the DRVU module then select “Pt. Numbers”.  
Do a check and make sure the software patch level is: **21-13-10** (refer to Figure 4).

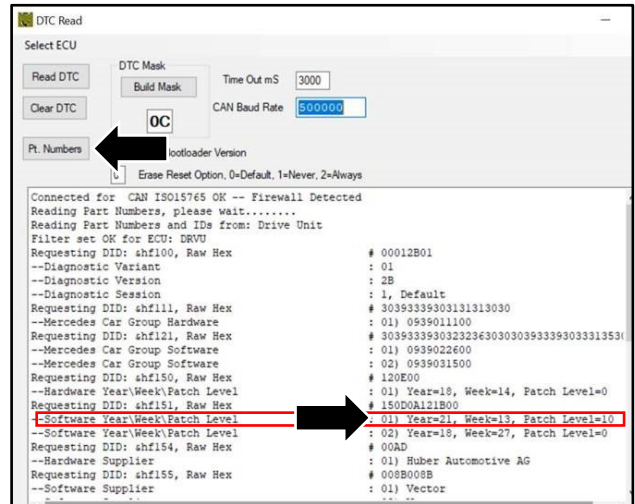


Figure 4

9. Set the ignition to “Off” for 30 seconds.
10. Set the ignition to “On” but do not start the engine.
11. Make sure there are no diagnostic trouble codes (DTCs) stored for the DRVU module.
12. Select “Flash” (refer to Figure 5).

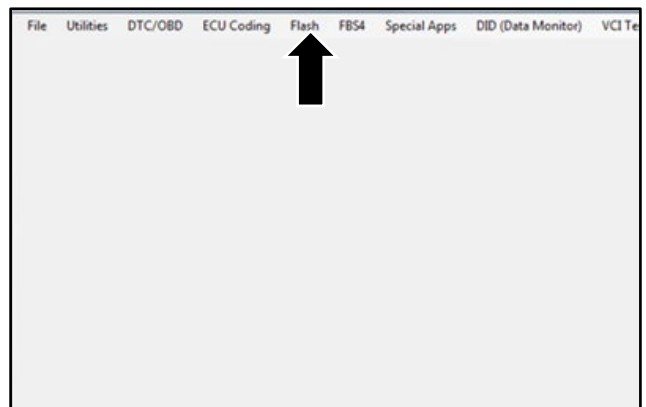


Figure 5

13. Select "DCDC" then click "OK" (refer to Figure 6).

**Note:** A '48V warning' and 'suspension warning' message will show on the instrument cluster.

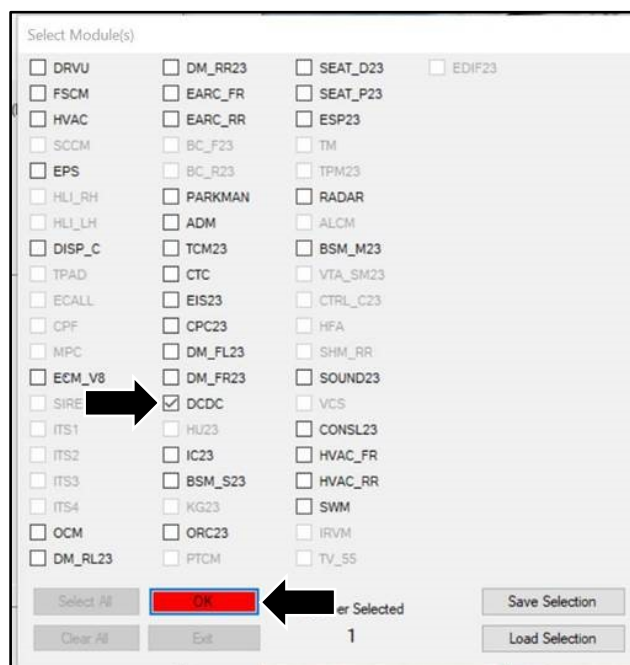


Figure 6

14. Select "Flash Download" (refer to Figure 7).

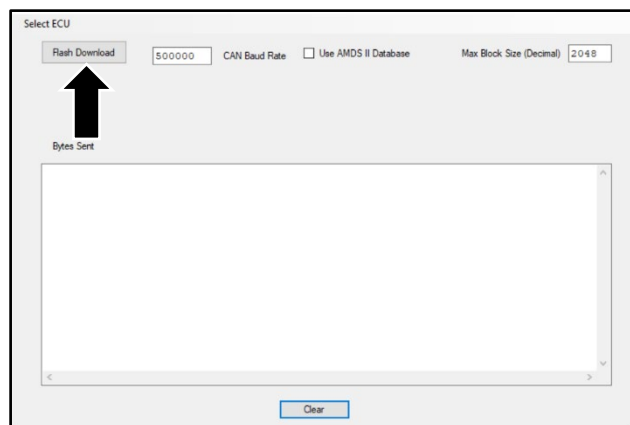


Figure 7

15. When the software update is complete, close the "Flash" window.

16. In the "DTC Read" window select the DCDC module then select "Pt. Numbers".

Do a check and make sure the software part number is: **Prod 274** (refer to Figure 8).

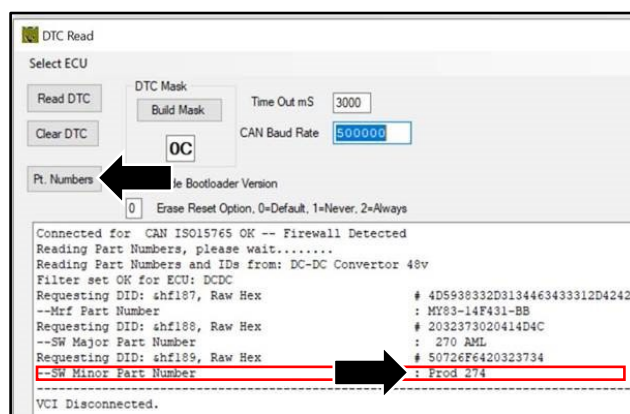


Figure 8

17. Set the ignition to OFF for 30 seconds.
18. Set the ignition to ON but do not start the engine.
19. Make sure there are no diagnostic trouble codes (DTCs) stored for the DCDC module.

20. Set the ignition to OFF.
21. Disconnect the VCI from the vehicle and shut down AMDS 2.0.

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

Description	Labour Time
Update the DRVU and DCDC modules.	0.3 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™.