

Subject **JVM Software Update Procedure**

Class: INFO

Series **C401**

Revision: A Sheet 2 of 6

Release Date: 07.02.2019

ECM: 718999

Product Code: D - C401

Step Two: Software Download – JVM-407B

2.1 Ensure the ignition is off.

2.2 Carefully open the rubber cover on the front of the JVM to expose the USB port.

2.3 Insert the USB flash drive into USB port.

2.4 Press and hold buttons F1 & F3 on the display.



2.5 Switch on the ignition.

2.6 Release buttons F1 & F3 when either of the following text appears;

“Project Load Prevented”

or

“Please select update source:

Press [F1] for USB | Press [F3] for SD Update”

(Text is dependent on the previous version of OS loaded on the JVM407B)

2.7 If the prompt to push F1 or F3 is shown, then press **F1** and the update will start. If a prompt is not shown then update will continue automatically.

2.8 Software will now download from the USB flash drive.

Note: Software download can take 5-10 minutes depending on the size of the update.

****Never remove the USB, switch off the ignition, isolate the vehicle or disconnect the harness during the download process****

2.9 The display can reboot twice during the update download procedure. The update process is complete when the display performs a normal boot sequence and loads to show the standby screen (Clock page).

2.10 Switch off the ignition and allow the JVM to shut down fully.

2.11 Remove the USB drive from the JVM-407B and continue with step three.

Subject **JVM Software Update Procedure**

Class: INFO

Series **C401**

Revision: A Sheet 3 of 6

Release Date: 07.02.2019

ECM: 718999

Product Code: D - C401

Step Three: Passcode Entry

3.1 Start JVM, press the ignition and then press button F3 to access the Main Menu 4.0.

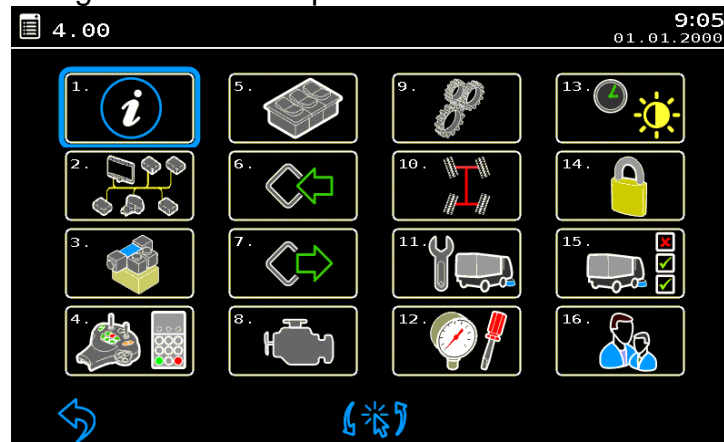


Figure Three: Menu 4.0, Main Menu

3.2 Select Menu 4.14 – System Security.

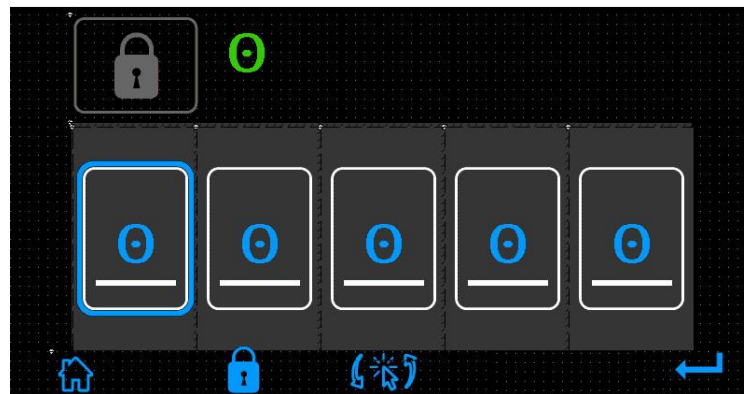


Figure Four: Menu 4.14, System Security

3.3 Enter the “Service” passcode 88335.

3.4 Press the “Enter” key F4.

3.5 Exit the menu by pressing F1.

Subject **JVM Software Update Procedure**

Class: INFO

Series **C401**

Revision: A Sheet 4 of 6

Release Date: 07.02.2019

ECM: 718999

Product Code: D - C401

Step Four: Operating System (OS) Update

4.1 Go to Menu 4.11 – Service, and select option 3, OS Downloads.



Figure Five: Menu 4.11,3 Service Menu

4.2 Select a specific node (CN1, CN2 & Palm Node)

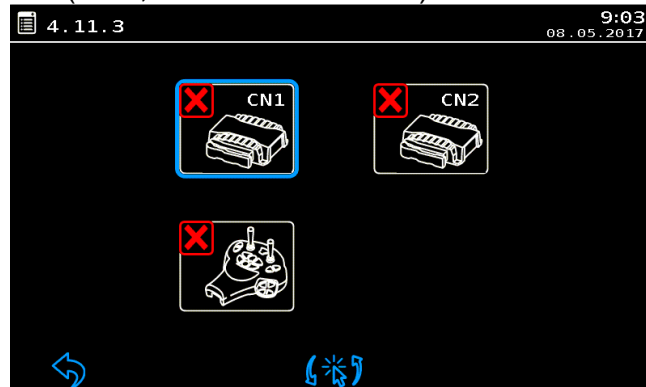


Figure Six: Menu 4.11.3.2, Nodes



Figure Seven: Menu 4.11.2.4.1 CN 1 Node

Johnston Sweepers Limited, Curtis Road, Dorking, Surrey RH4 1XF
Tel: +44 (0)1306 884722 Fax: +44 (0)1306 884151
www.johnstonsweepers.com E-mail: enquiries@johnstonsweepers.com



Class 1 = Immediate, **Class 2** = At next service point, **Class Info** = For parts and service information.
The Information in this bulletin should not be interpreted as the basis for any claims unless so designated by Johnston Sweepers Limited.
[Changes on this document from the previous issue are shown in Blue Underscored Font.](#)

Form No.031 Issue 015 – Jan 2009

Subject **JVM Software Update Procedure**

Series **C401**

Class: INFO

Revision: A Sheet 5 of 6

Release Date: 07.02.2019

ECM: 718999

Product Code: D - C401

4.3 Compare the Current O/S number with the New O/S number and if different, the Node O/S must be updated

4.4 To download the "New OS", press the centre button on the JVM to start the OS update. The blue bar will indicate the progress of the download.

*****Never switch off the ignition, isolate the vehicle or disconnect the harness during the download process*****

4.5 Once the green tick appears and the text updates, the OS download is complete.

4.6 Repeat the process for the Chassis node and Palm Controller Nodes.

4.7 Once all OS Updates are complete, exit from the menus and switch off the ignition.

4.8 Wait one minute and then switch on the ignition.

4.9 Move on to step five.

Subject **JVM Software Update Procedure**

Class: INFO

Series **C401**

Revision: A Sheet 6 of 6

Release Date: 07.02.2019

ECM: 718999

Product Code: D - C401

Step Five: Clear Emergency Codes

5.1 Go to Menu 4.2 – CANbus Information.

5.2 Select the Sub Menu for the Chassis Node 1

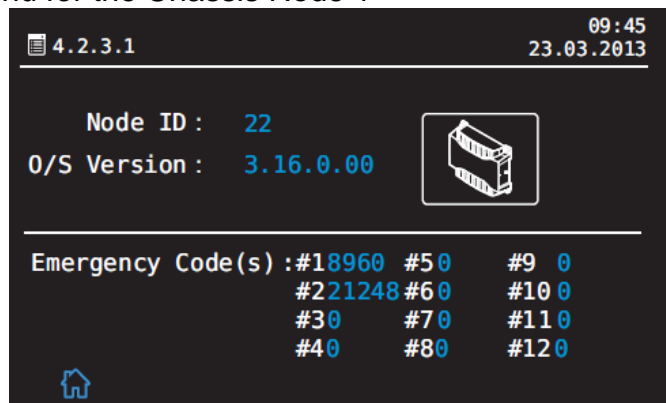
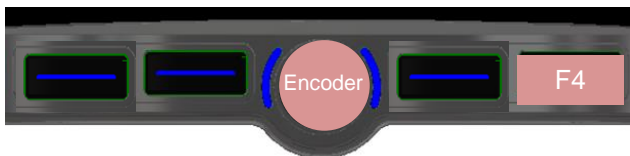


Figure Eight: Menu 4.2.3.1 CN1

5.3 Press together the following buttons to clear the codes

Rotary Encoder + F4



5.4 Repeat the process for the Chassis Node 2 and Palm Controller Node

5.5 Switch off the ignition, the JVM software update is now complete

Parts Required

Item	Part No.	Description	Quantity
1	7022225	USB Stick	1
2	7042072	C401 Software Service Package Files	1

Standard repair time = 20 minutes