

Programming instructions for 5" IFM display in Refuse Vehicles

Date: February 14, 2025
Bulletin Name: MISC-WI-010-A
Model: Rear Loader (10, 12),
Meridian Front Loader (78),
Zero Radius Side Loader (48)
Model Year: 2020-2022
Units Affected: Units with 5" IFM display

Purpose:

McNeilus Truck and Manufacturing offers these instructions for programming the 5" IFM display CR1058 (McNeilus PN 1641423) for Rear Loader (Standard model 10 and tag axle model 12), Meridian Front Loader (model 78), and Zero Radius Side Loader (model 48).

Notice:

- This document should be read and understood in its entirety before performing this procedure.
- All procedures outlined in the bulletin must be performed by skilled service personnel. Refer to the product service manual for descriptions of maintenance procedures.
- This document is confidential and limited to exclusive distribution within McNeilus Refuse Service and authorized dealer and service networks.

SAFETY NOTICE

Perform your company's Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate.

SAFETY NOTICE

Use appropriate Personal Protective Equipment (PPE) as required by your company.

Tools and Equipment Required:

Technician to supply:

- PN 1695632 programming cable for IFM display
- USB jump drive (unencrypted and empty of any other files/documents/programs)

Procedure

Prepare the USB jump drive:

1. Plug the empty, unencrypted USB jump drive into your computer (Figure 1).



Figure 1

2. Open "File Explorer" (Figure 2).

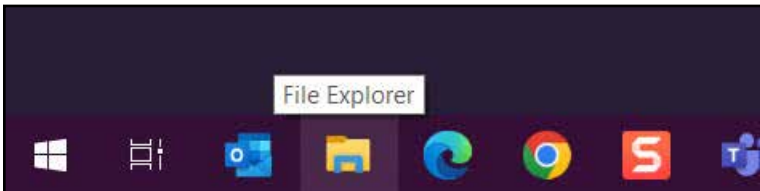


Figure 2

3. Locate your jump drive in the left menu and right click (NOTE that the name of the jump drive will vary).
4. Select "Format". See Figure 3.

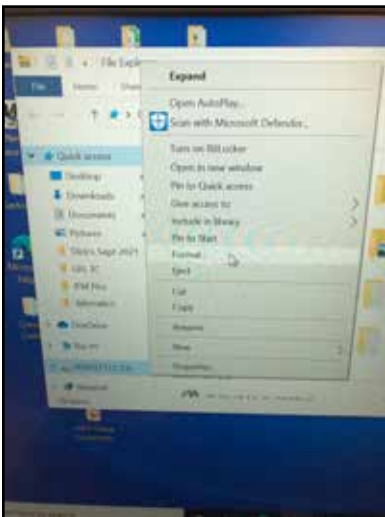


Figure 3

5. In the format window under the “File system” select “FAT32”.
6. Click “Start” at the bottom of the window. See Figure 4.

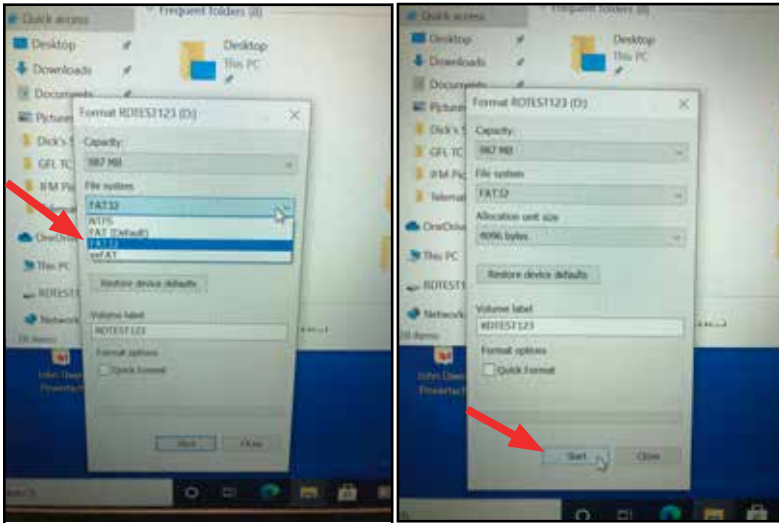


Figure 4

7. Click “OK” to acknowledge that formatting will erase any data currently on the drive (Figure 5).

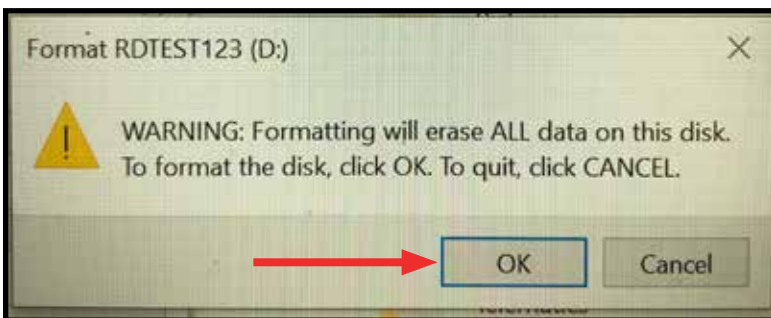


Figure 5

8. Watch for the green bar at the bottom of the window to start to fill (Figure 6).

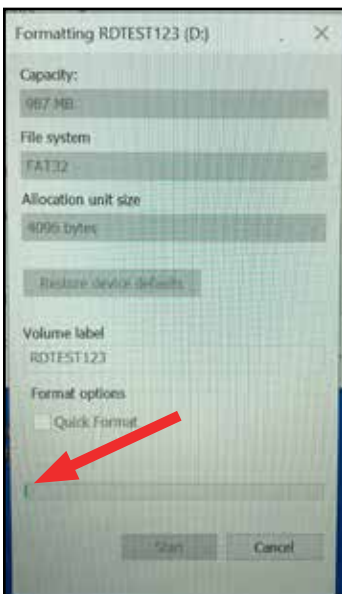


Figure 6

- When the formatting process has completed, a window will pop up informing you that the process completed successfully (Figure 7).

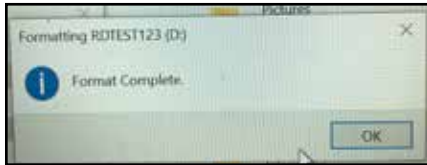


Figure 7

- Your jump drive is now ready.

Loading software on to your jump drive

- Locate the files on your computer. There will be a total of one to three files depending on the update you have been provided. The file names will vary based on the version of software that you have been provided.
- Select all files.
- Right click and select "Copy". See Figure 8.

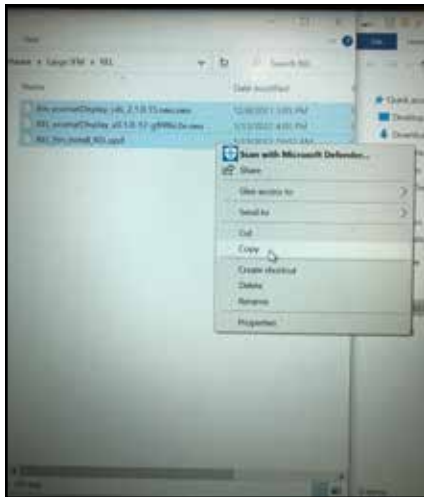


Figure 8

- Open the new jump drive. Right click and select "Paste" in the window (Figure 9).

IMPORTANT: The files cannot be in a sub-folder on the drive or the display will not find them.

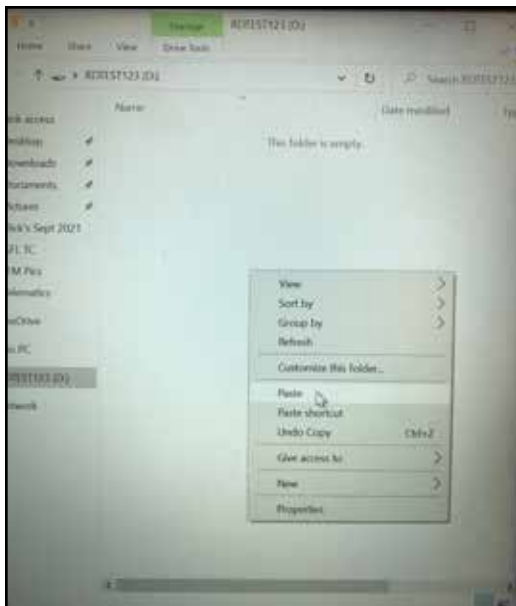


Figure 9

5. The files will copy over to your new jump drive (Figure 10).

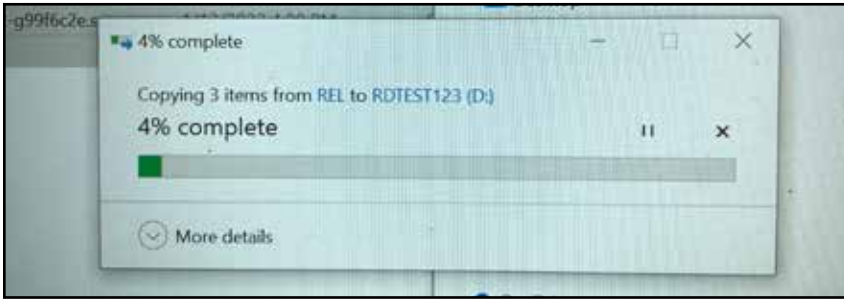


Figure 10

6. Right click on the USB drive and select "Eject" before removing it from your computer.
7. The next step is to load the software into the 5" IFM display.

Loading Software into a Display

1. Ensure the battery switch for the truck is on and the ignition key is off.
2. Locate the USB programming port on the back of the display and remove the plug (Figure 11).



Figure 11

3. Install the programming cable (PN 1695632) into the USB programming port (Figure 12).



Figure 12

4. Install your jump drive with the preloaded files into the programming cable (Figure 13).



Figure 13

5. Press and hold all three buttons on the display at the same time, then turn the key on, but do not start the truck. Continue holding the three buttons until the installation page populates on the display. See Figure 14.

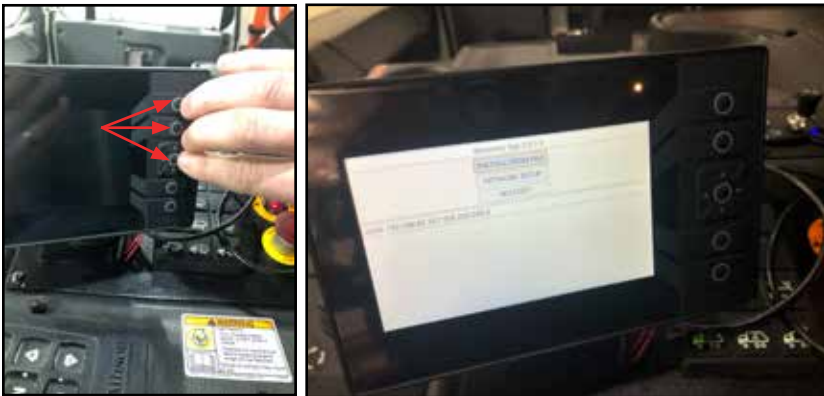


Figure 14

6. Press the "OK" button to select "INSTALL FROM FILE". The screen with the files will populate. See Figure 15.

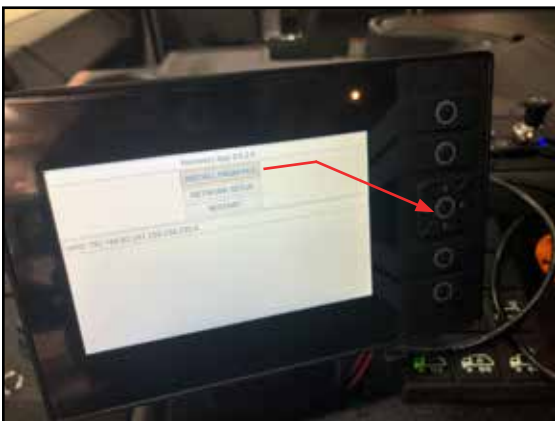


Figure 15

7. Select the .swu file using the arrow buttons. The file name will be similar to “REL_ecomatdisplay_v0.1.0-12_g99f6c2e.swu” and push OK. The name of the file will darken to show you have it selected. See Figure 16.

NOTE: The name of the file will change depending on the version of file you have been provided and the product you are installing it in.



Figure 16

8. Push the **right arrow button** on the display button pad to select **START** on the display screen and then push OK to begin the installation (Figure 17).

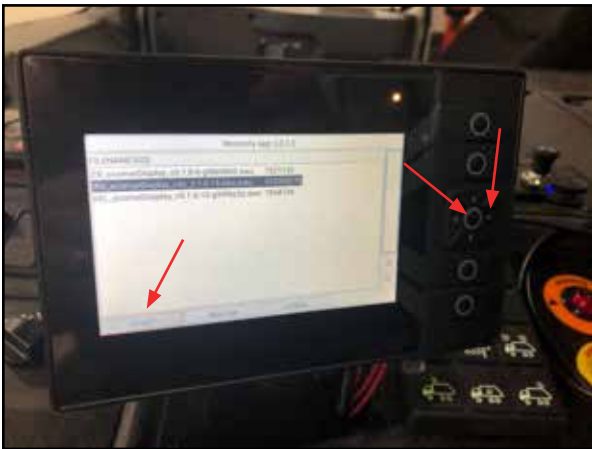


Figure 17

9. The status screen will come up and show the progress (Figure 18).



Figure 18

10. Once the installation is complete, it will show "SUCCESS" at the top of the screen. The display will automatically restart and enter its normal operation mode. See Figure 19.

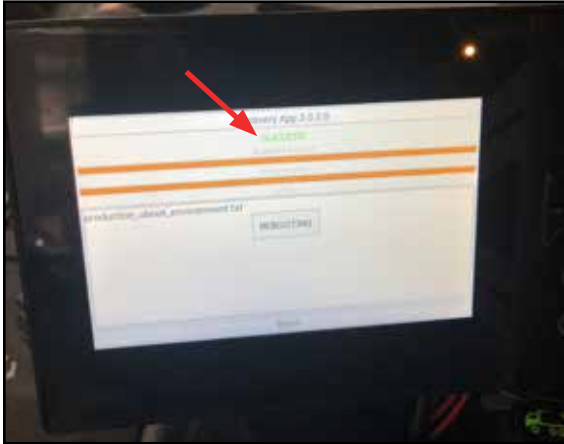


Figure 19

11. Turn the key off and ensure the display shuts down prior to removing the programming cable from the display or your USB drive from the cable.
12. Remove the programming cable and reinstall the plug into the USB programming port on the display.
13. Programming of the 5" IFM display is complete.
14. Return truck to service.

Continuous Improvement:

The change included in this document is part of the McNeilus Continuous Improvement Process.

McNeilus's quality policy is providing customer satisfaction through innovative products, dedicated service, and a constant focus on continuous improvement.

McNeilus

(888) 686-7278
www.streetsmartparts.com