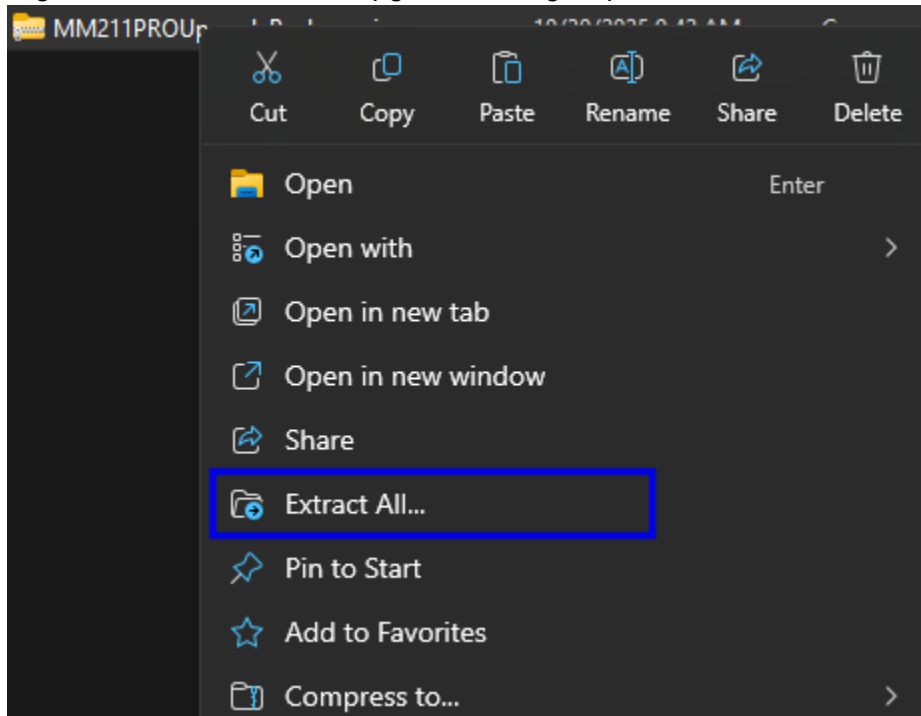


## Millermatic 211 PRO Software Update Instructions

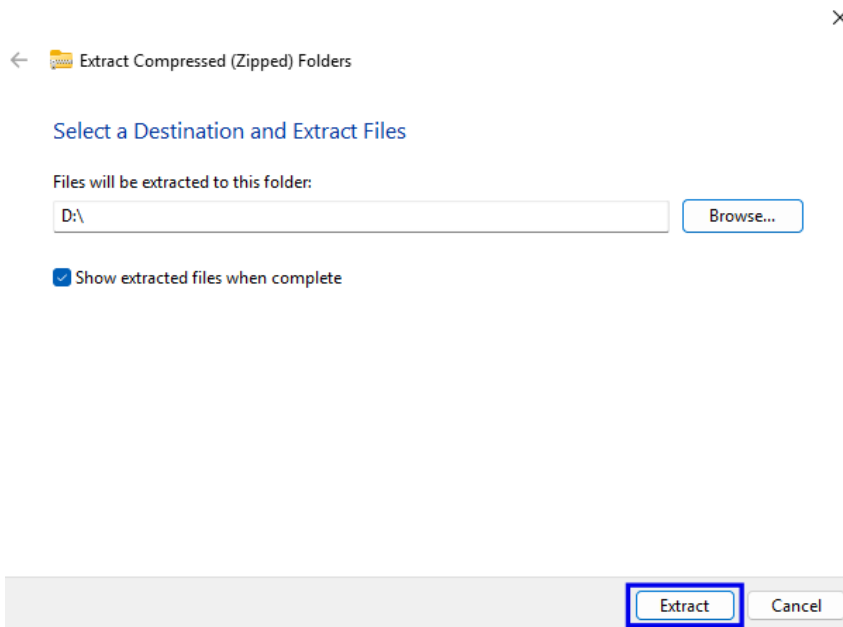
### Prepping your USB Stick

If you received a USB stick through Miller Service, skip to “Updating the Machine.”

1. Download the latest software MM211PROUpgradePackage.zip file from the Miller website: <https://www.millerwelds.com/support/software>
2. Insert a blank USB drive into your computer.
3. **Verify that the USB drive is formatted as FAT or FAT32** (refer to Appendix A at the end of this document for additional information). **We recommend using a USB drive no larger than 32GB to avoid formatting issues.** If the USB drive is not formatted correctly, refer to Appendix B for instructions to remedy this.
4. Open “File Explorer” and locate the downloaded MM211PROUpgradePackage.zip file.
5. Right click on MM211PROUpgradePackage.zip and select “Extract All...”

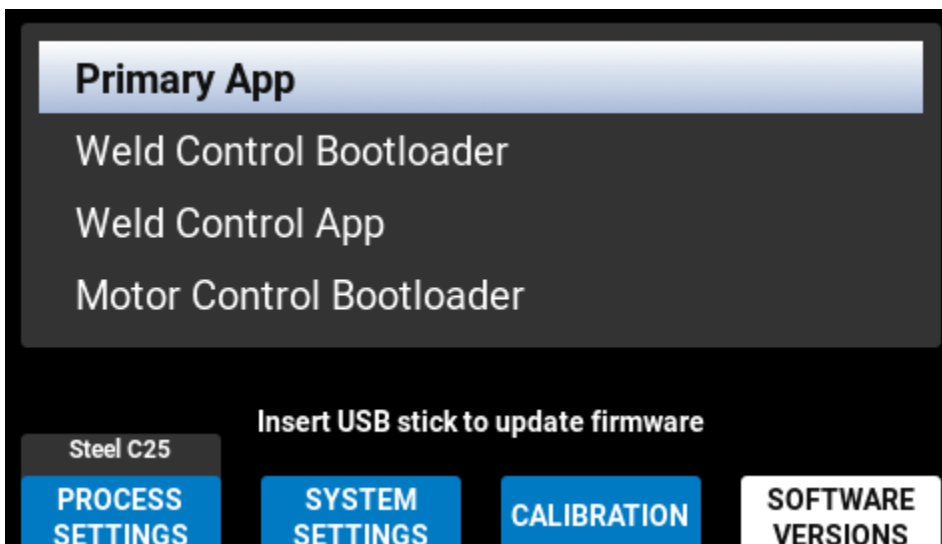


6. A file extraction dialog box will appear. Select the root directory of the USB drive (it cannot be inside a folder) and click “Extract”. The file “MM211PROUpgradePackage.FW” will now be at this location.

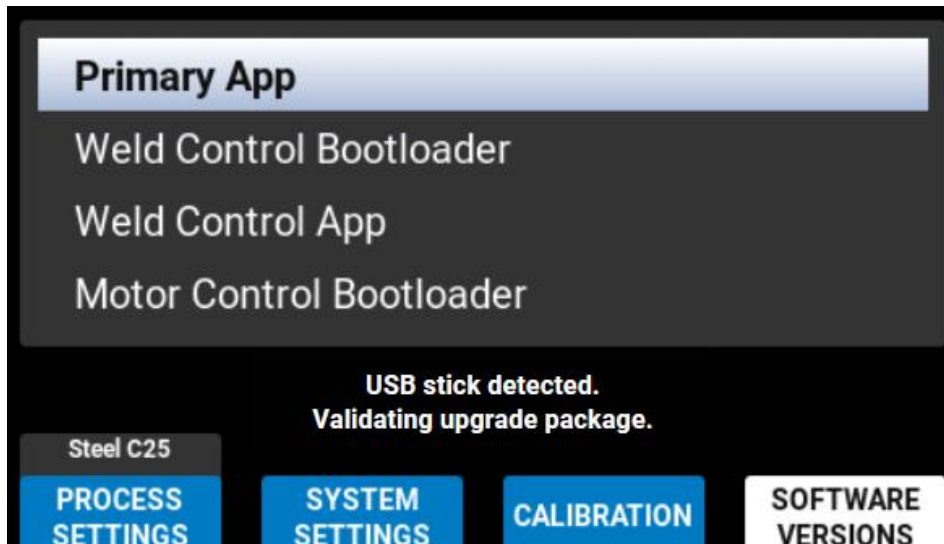


## Updating the Machine

5. Power up the machine.
6. Navigate to the Software Version Screen. Starting from the home screen, this can be found by pressing the **MENU** button, and then the fourth button that corresponds to **SOFTWARE VERSIONS**.



7. Insert the USB stick into the machine. The text at the bottom of the Version Info Screen should change from “Insert USB stick to update firmware” to “USB stick detected. Validating upgrade package.”



8. After approximately 30 seconds, if a valid software update has been found, the text should change to “File found:” with the name of the firmware upgrade file on the USB stick displayed. Underneath, the text should read “Press ‘Upgrade’ to update firmware” and an **UPGRADE** button will appear at the bottom of the screen above button 3. Press this button 3 to start the upgrade.



9. You will be asked to confirm the upgrade with the prompt, “Are you sure? Pressing ‘Upgrade’ will begin firmware upgrade” Confirm the upgrade, by pressing **UPGRADE** again.

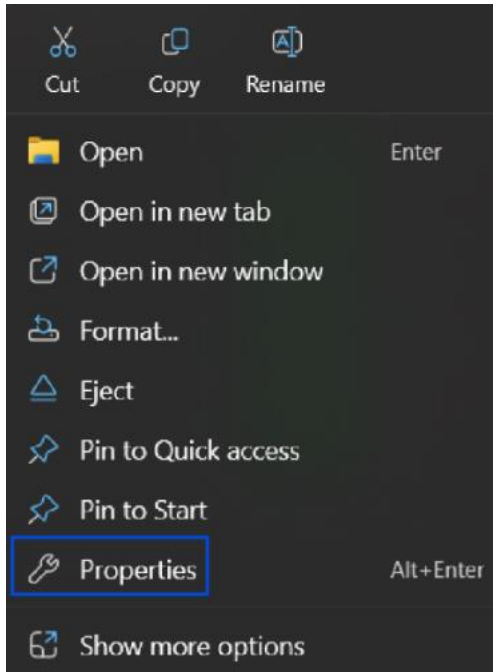


10. Once the upgrade starts, you will see a screen with several progress bars that will take approximately 2 minutes to complete. The fan motor will turn on and off multiple times during this process. Following this, a message will be displayed saying that the machine will automatically restart to update the user interface software, and that the screen will go dark for approximately 2 minutes before the system reboots. Do not turn the machine off or remove the USB drive until the upgrade has completed and the home screen appears.
11. When the home screen is displayed, the upgrade is complete. The entire upgrade process should take less than 5 minutes.

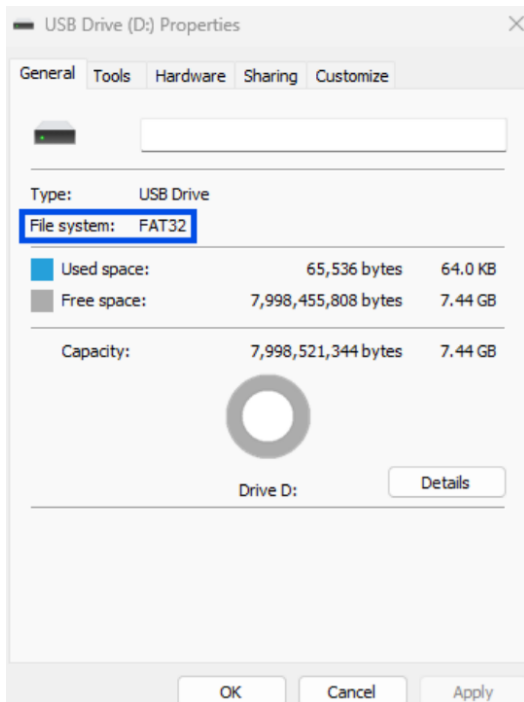
If there is a problem with the upgrade, leave the USB stick in the machine and cycle power. The machine will attempt to restart the upgrade process automatically. If problems persist, contact Miller Electric CSD service at (920) 954-3499 or [CSDService@millerwelds.com](mailto:CSDService@millerwelds.com).

## Appendix A: Verifying USB Thumb Drive Format

1. Open “File Explorer” and locate your USB thumb drive in the list of devices.
2. Select your USB thumb drive by single-clicking on it.
3. Right-click and select “Properties.”

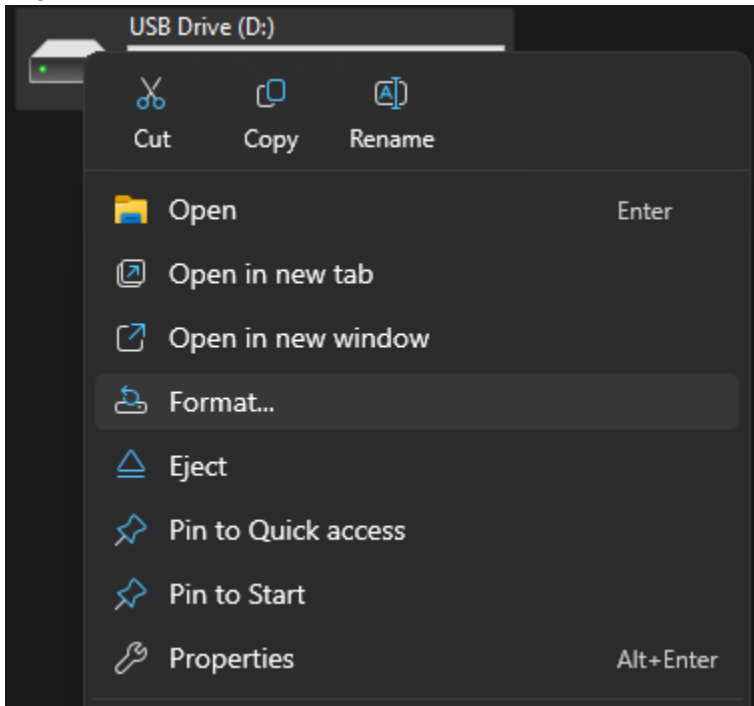


4. In the properties window popup, the “File System” type will be listed. This should read “FAT” or “FAT32.”



## Appendix B: Formatting a USB Thumb Drive

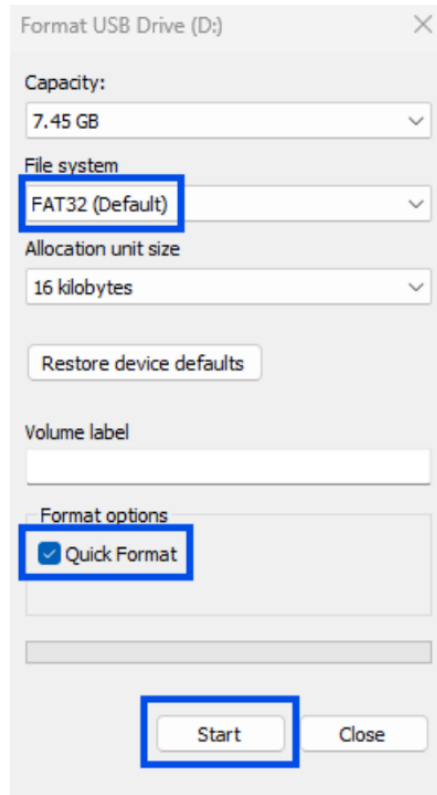
1. Formatting will delete any data on the USB thumb drive. Therefore, any data on the USB thumb drive that you wish to keep should be copied to the PC now.
2. Next, open “File Explorer” and locate your USB thumb drive in the list of devices.
3. Select your USB thumb drive by single-clicking on it.
4. Right-click and select “Format.”



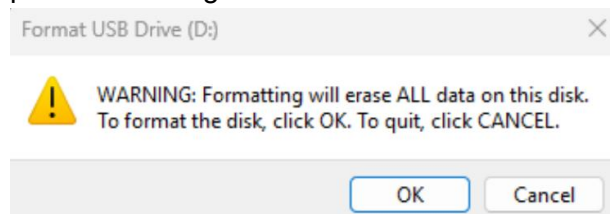
*(Continued on next page)*

5. A format configuration menu will pop up. In the “File System” drop-down, select either “FAT” or “FAT32.” Make sure the “Quick Format” box is checked and click the “Start” button to begin the process.

*Note: FAT and FAT32 file system formats are generally not supported for drives larger than 32GB. For this reason, we do not recommend using them for updating software.*



6. A warning will pop up indicating that all data will be erased during the format. This is why we saved all necessary data to the PC in an earlier step. Click “OK,” and the format process will begin.



7. A window will pop up and inform you when the format is complete. Click “OK” on the popup, then click “Close” on the format configuration menu. The USB thumb drive is now properly formatted and ready to receive the system update.

