

Miller Auto Deltaweld Basic and Auto Deltaweld Fixed Wire Drive Software Update Instructions

The first part of these instructions explains how to obtain the software update from the website and store on a USB Flash Drive. The second part is using this USB Flash Drive to load the software update into the Auto Deltaweld and Auto Deltaweld Wire Drive system.

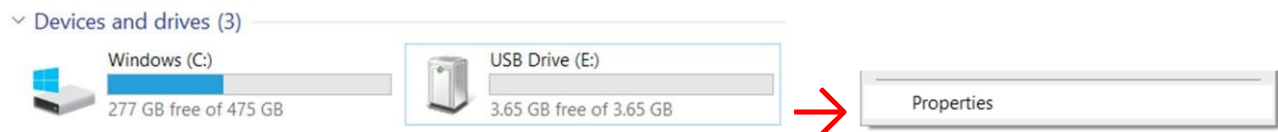
Part 1: Obtaining the Software Update

The following procedure uses File Explorer in Microsoft Windows 10. Other file-unzipping applications steps may be different.

1. Insert a **blank** USB Flash Drive into an available USB port on the computer.
2. Press the Windows key to open the Start Menu, then start typing **This PC** and click on its icon when it appears to open *This PC* in File Explorer. Earlier Windows versions have *My Computer* instead of *This PC*.



3. Browse to *This PC*'s **Devices and drives** section, right-click on the inserted USB Flash Drive, and click on **Properties**.



4. In the *Properties* window that opens, note if the file system is not **FAT32** or **FAT**, then close the *Properties* window.



5. Complete these next few steps only if the USB Flash Drive's file system is **exFAT** or **NTFS**:
 - a. Right-click on the USB Flash Drive and click on **Format...** in the pop-up menu.
 - b. In the window that opens, choose **FAT32** from the drop-down list, then click the Start button.
 - c. Click the Close button after formatting is complete.
 - d. Repeat steps 3 and 4 to verify the file system is now **FAT32**.
 - e. If **FAT32** isn't listed in the Format window, try using a smaller USB Flash Drive (32GB or less).
6. Use a web browser and connect to the Millerwelds.com-Support-Software page:
<https://www.millerwelds.com/support/software>
7. Navigate to the Auto Deltaweld Software Update page.
8. Click on the **Download Software Updates** link and then click the **Save** button when it appears to save the file.

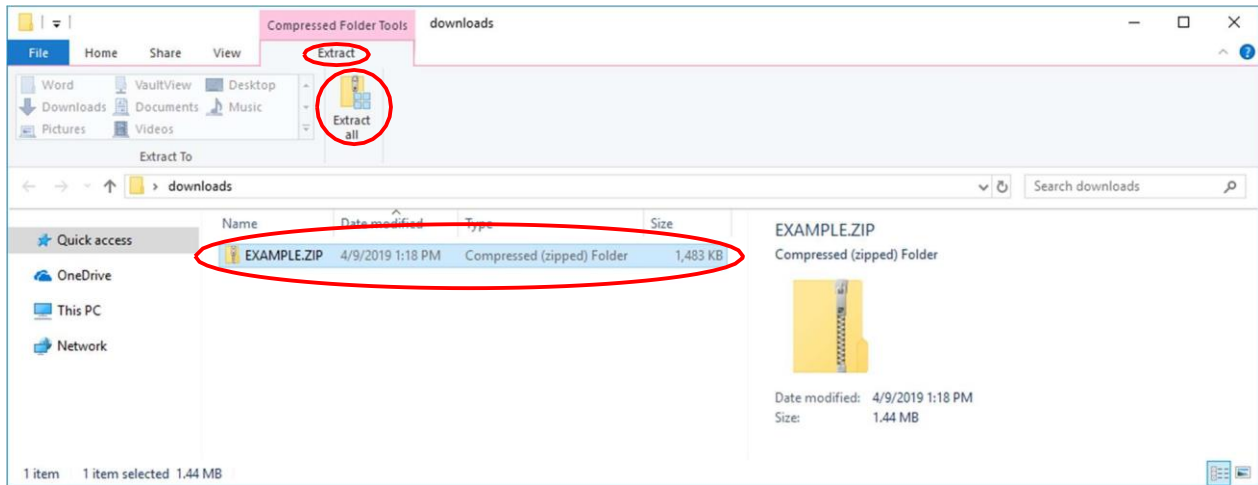


9. After download has completed, click the **Open folder** button to open the computer's **Downloads** folder.

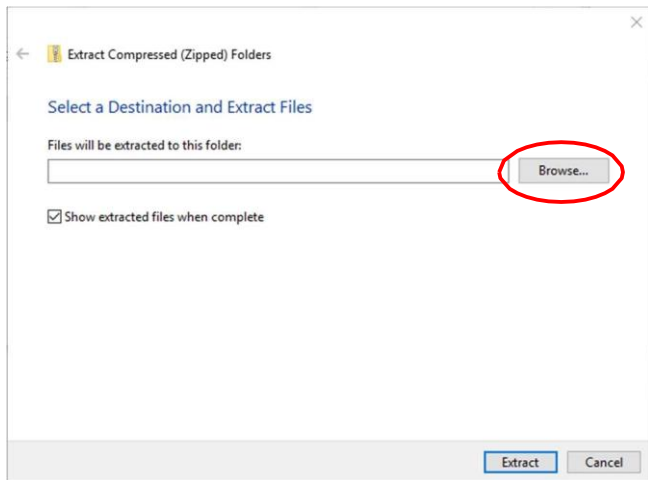


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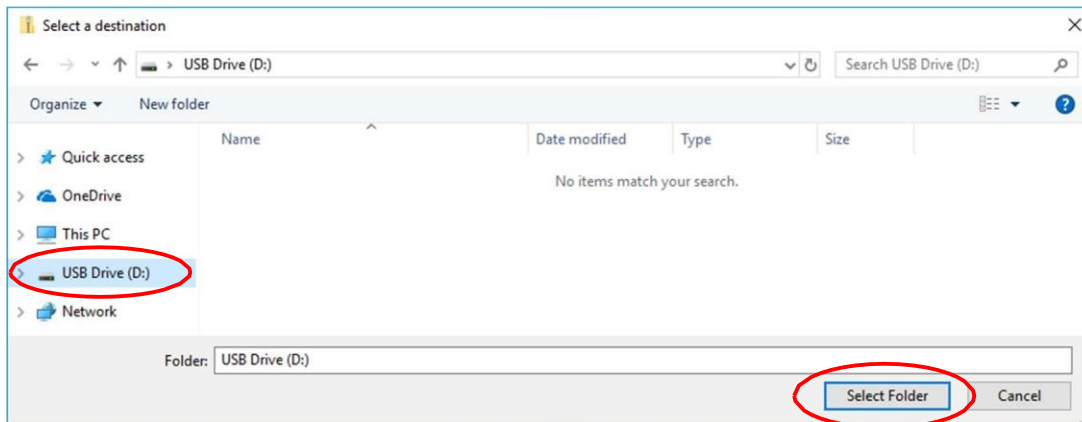
10. Click on the downloaded **ZIP** file to select it.
11. Click the **Extract** tab under **Compressed Folder Tools**.
12. Click the **Extract all** button.



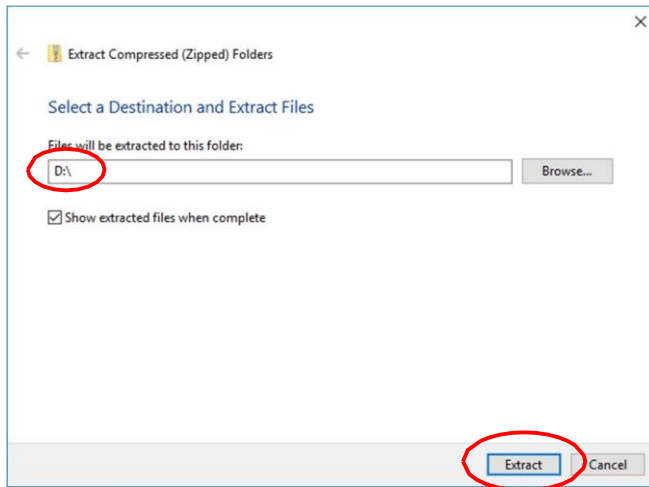
13. The **Select a Destination and Extract Files** window will open. Click the **Browse** button.



14. The **Select a Destination** window will open. Choose the desired **USB Drive** and click the **Select Folder** button. The drive letter and description may vary.



15. The **Extract Compressed (Zipped) Folders** window will open. The selected drive will be shown. Click the **Extract** button. The extraction process will begin and take several seconds.



16. The **USB Drive** window will open displaying text files on the USB Flash Drive.
17. Double click on **MANIFEST.TXT** to open the file.
18. Record the part numbers and revisions. They will be used later to verify the software update process.
19. The USB Flash Drive has been successfully loaded with the Auto Deltaweld and Auto Deltaweld Wire Drive Software Update.
20. Close any related windows that remain open.
21. Click on the **Safely Remove Hardware and Eject Media** icon near the right corner of the Windows Taskbar.



22. Click on **Eject USB DISK**.



23. The computer will display **Safe to Remove Hardware**.

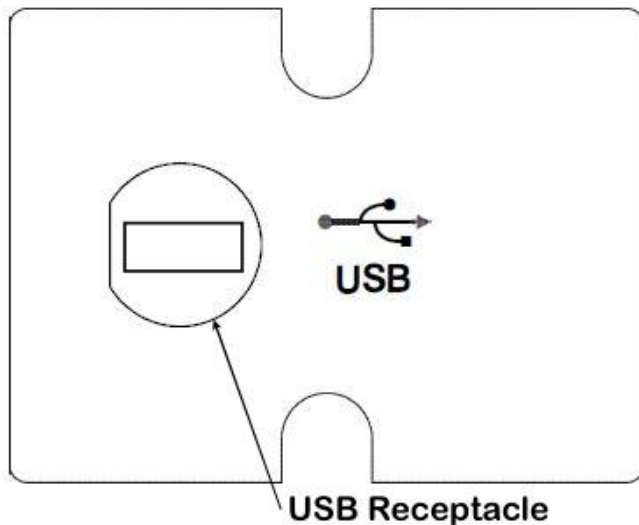


24. Unplug the USB Flash Drive from the computer.

Part 2: Loading Software Update into Auto Deltaweld System

It is recommended to update as a system; power source and wire feeder. Connect the wire feeder to the power source as stated in the owner's manual. Verify the wire feeder's power switch is turned on.

1. Turn the power switch OFF on the power source.
2. Plug the USB Flash Drive into the USB port on the front panel of the power source.



3. Turn ON the power source.
4. The update process will begin automatically.
 - a. Display will show "BOOT" on the left display while updating the power source. BOOT will flash a couple times during the update process.
 - b. Power source will display "BOOT" for up to 2 minutes.

Caution! Do not unplug USB Flash Drive or turn off power until updating is complete.

5. The display will then switch to displaying "SERVICE" for the remainder of the update process. This process will take up to 6 minutes.
6. Once "USB DONE" is displayed and preset values return, the USB update process is complete.
 - To verify all software images have loaded correctly, unplug the USB flash drive and open it a computer. A new file named *SERVICE.TXT* will have been written on it containing all current part numbers of the system.
7. Turn OFF the power source.
8. Unplug the USB flash drive from the power source.
9. Perform a power cycle.
10. The unit is ready to operate.