

Service Notice Number: 20240823-2

Date: August 23, 2024

## Frontier 400X/400X Pipe Chopper Software Update Procedure

1. Ensure the Frontier is OFF. Using the illustration below locate and remove the four (4) front panel retaining screws (3/8 in drive)



2. Fold down the front panel and remove the plastic sheathing to expose the chopper board.







3. On the chopper board, locate the ethernet port and remove the port protector, if present. Connect the ethernet cable to the port as shown.

**Ethernet Port** 





Ethernet Port Cable connected

- 4. Flip the Auto/High Idle switch to High Idle (**Do not start engine**) and allow the user interface approximately 30 seconds to fully boot.
- 5. While waiting for the UI to fully boot, connect the other end of the ethernet cable to your computer.



6. Once UI is fully booted, the weld modes will appear as shown below.





7. On your computer, navigate to the Chopper PC Software folder you downloaded to your desktop earlier. Open the folder and double click the file named "SystemUpdate.exe".

File Home Share View					
in to Quick Copy Paste access Cipboard Cipboard	Move to * Copy to * Organize	New item • New folder New	Properties • Open • History Open	Select all Select none Invert selection Select	
🔄 🔶 🕤 🋧 📙 🦻 Chopper PC Board So	ftware - \$35023-11				
	^ Name	^	Date modified	Туре	Size
A Quick access	SystemUndate.ex		11/6/2023 9:55 AM	Application	15 443 KB
Desktop	X 100283-03 498C2	03-19-2021.rbf	3/19/2021 1:32 PM	RBF File	12 KB
👆 Downloads	Y01656-08 BDE5C	9 05-09-24 ANY.leb	5/9/2024 9:20 AM	LEB File	130 KB
Documents	Y02343-16_1FDF3	4F_05-01-24.leb	5/1/2024 2:32 PM	LEB File	229 KB
Fictures	* \ \ V02344-03_1329FE	Y02344-03_1329FB8_01-04-23.bin		BIN File	210 KB

8. The screen below will appear on your computer. Verify that "Connect through Ethernet" is selected and then select "I do not know the IP Address of the welder". Your machine should then appear on the list. If your machine does not appear, click the refresh list button.





9. Double click the machine name in the window to connect. (Connection may take a 15-20 seconds).



10. Once connected, you will get a screen similar to the one below.

/ Lincoln Electric System Update	6				-	D X
LINCOLN	Model Name Frontier 400x Pipe	Model Number Frontier 400x Pipe	HW Revision G10385-2G1	SW Version \$35023-7	New Version S35023-11	Update
ELECTRIC	Frontier UI	Frontier UI	3DYY1034-1	S33718-7		0
E	Update Unchanged Firmware	e 📦 Start		Cancel		
About Quit Release Notes						
System Update	169.254.0.2 EN0				Configuration file	YIS35023-11.ini



11. Click the "Start" button to begin the update procedure.



12. It is important to not interrupt the update procedure at any time. Monitor the green status bar on the screen to see the progress of the update.



13. Once complete, you will get a completion notification. Press "OK", disconnect the ethernet cable and computer from the Frontier and reassemble. Your machine is ready for use.