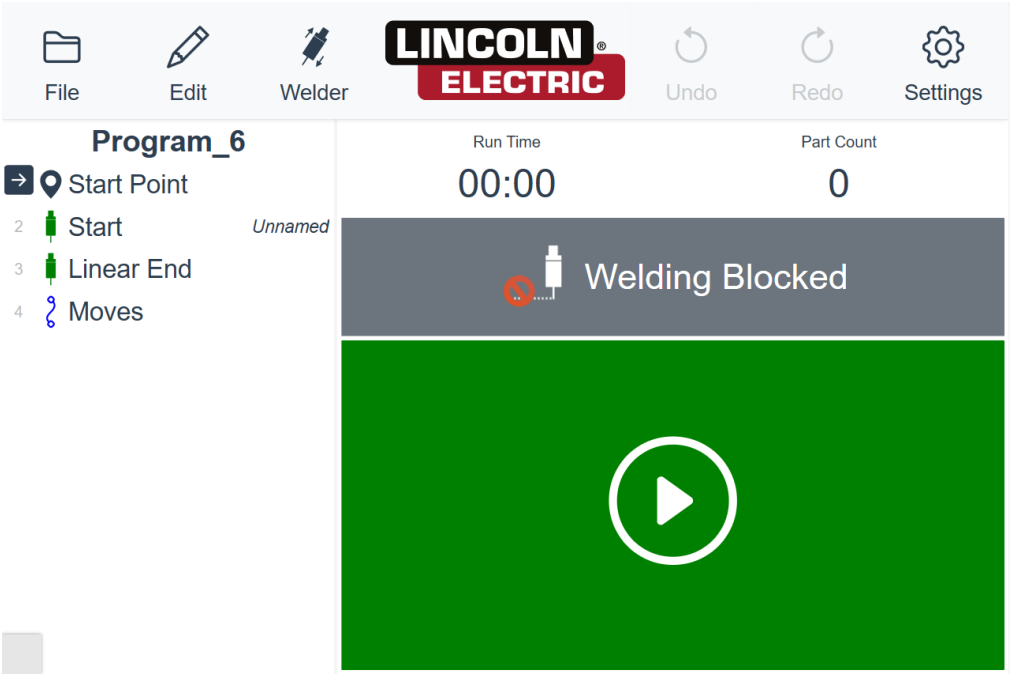
Cooper™ App GoFa Software Update Guide



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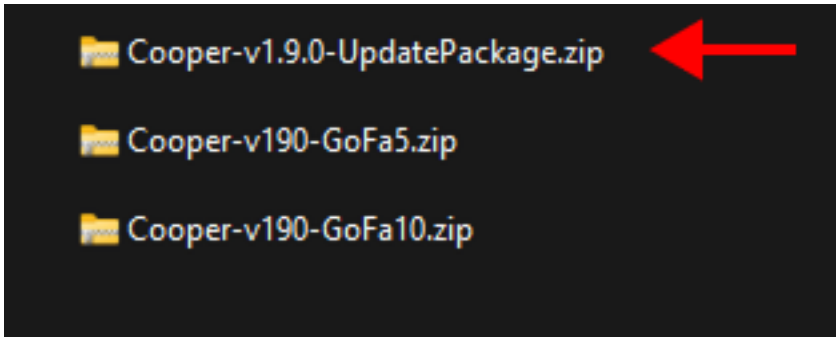
Section 1: System Backup & Preparation

1.1: Download ABB Software

Navigate to Lincoln Electric's Cobot Resource Center: Cooper Welding Cobot Resources | Lincoln Electric. Scroll down to the section titled *Cooper Welding Cobot Software* and select the download for the Cooper App Software Update for GoFa Cobots. Insert a USB into your computer and copy the downloaded zip file to the USB. Once copied, if not already, navigate to This PC / USB drive and right click on the copied zip file. Extract all files to the USB.

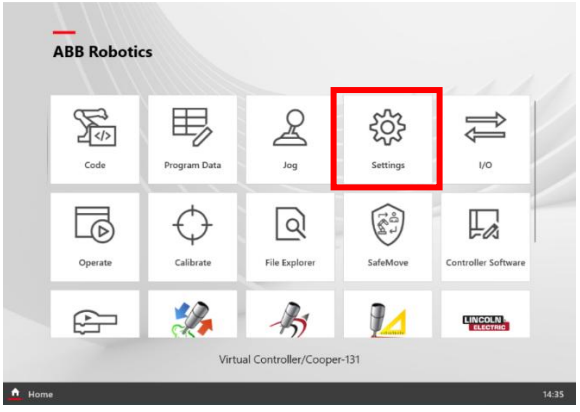
1.2: Extract Update Files

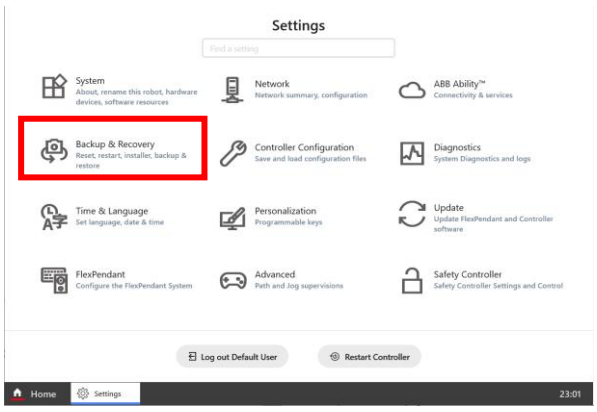
This will produce three new zip files. Select the zip file titled Update and right click to extract all. There should now be a folder present on the USB.



1.3: System Backup

Before performing a system backup save and close all programs. Close the Cooper App. From the Home tab, navigate to Settings / Backup & Recovery / Backup.





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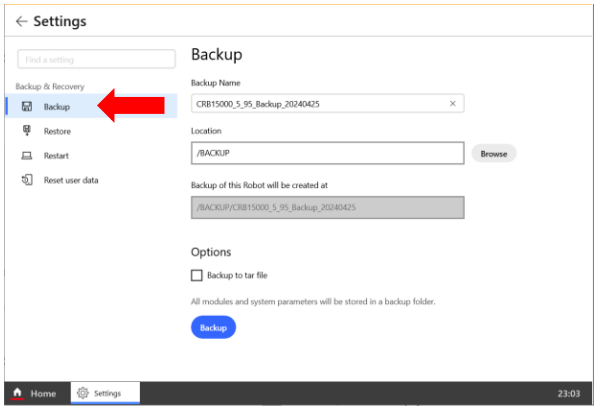
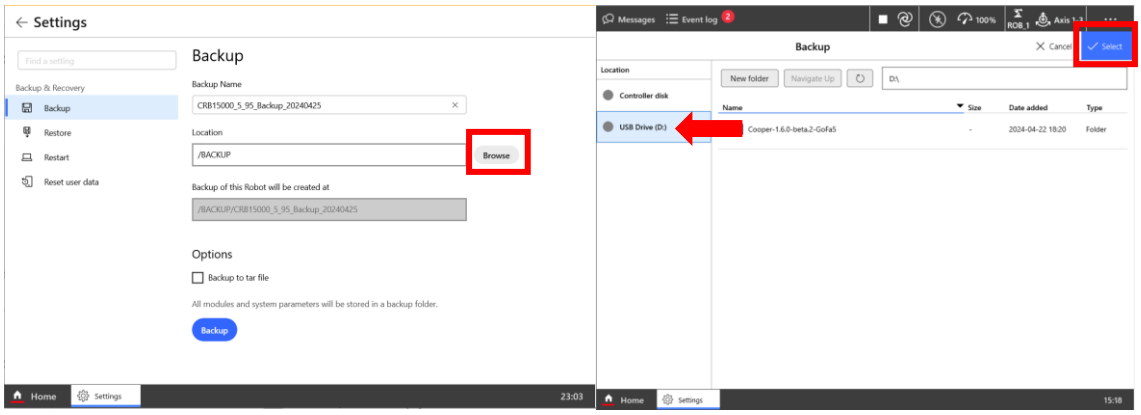
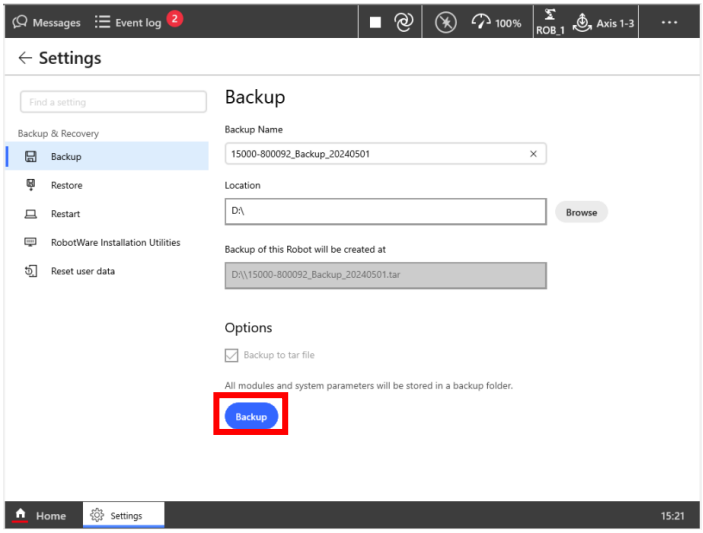


Click Browse to select the location to store the backup. Ensure a fresh USB is inserted to the FlexPendant and specify USB (D:) and confirm by clicking Select. Click Backup. This will store a backup to the inserted USB.





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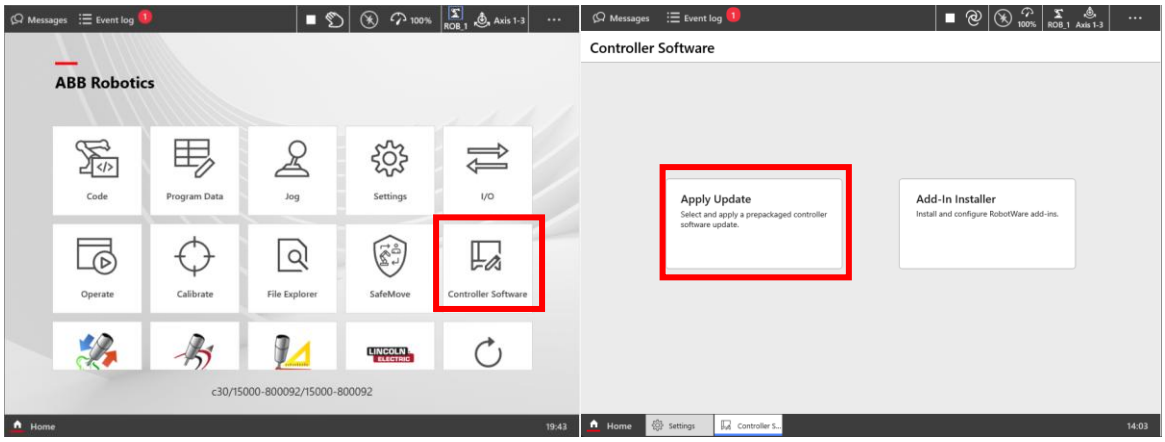
A popup will be displayed that the backup has been successfully stored to the USB. Click OK to close.

Section 2: Cooper App Update

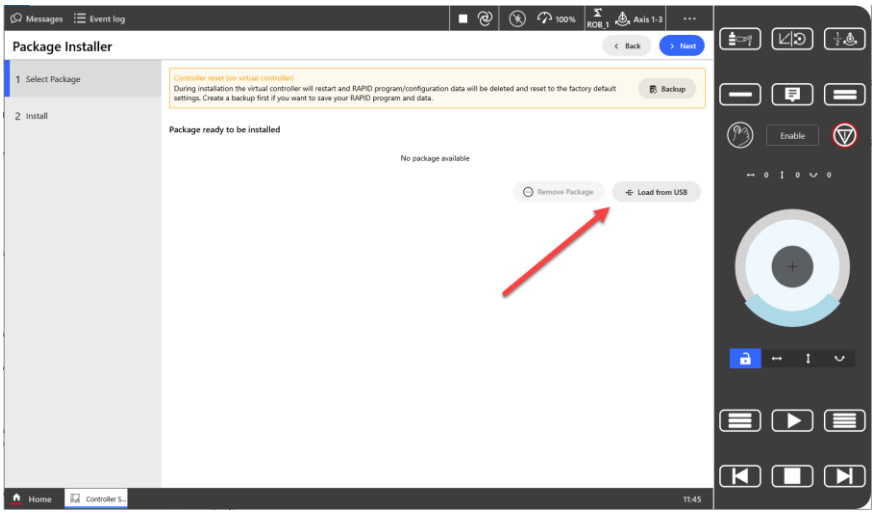
2.1: Update App

Note: Update procedure is only available for systems on Cooper App v1.6 or newer.

Navigate to Home / Controller Software / Apply Update.



Select Load from USB.



Find the file titled "RobotWareUpdatePackage" inside the CooperXXX-Update folder on the USB then click Select in the top right.

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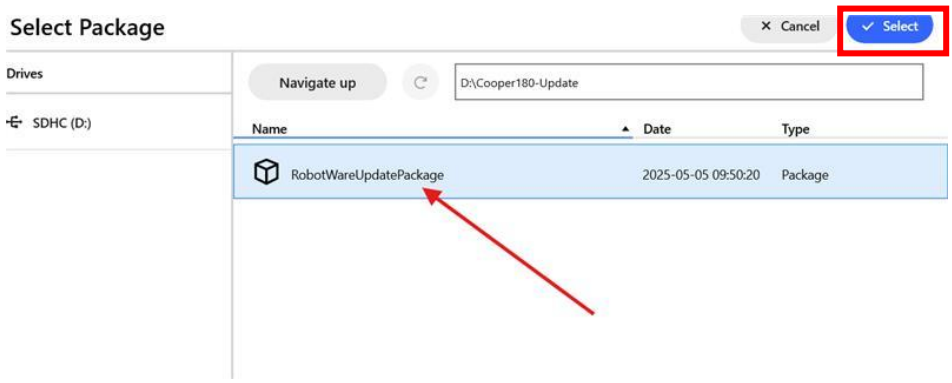
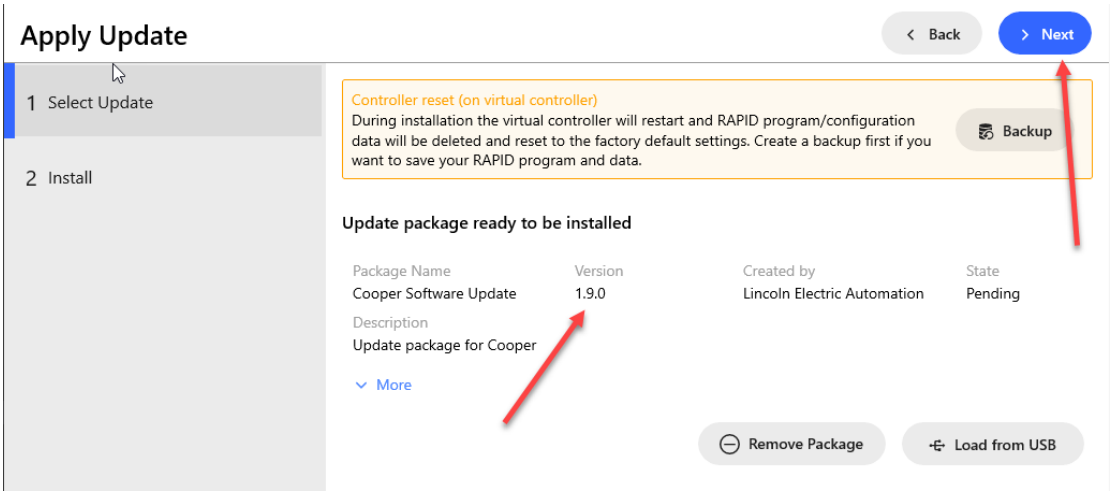
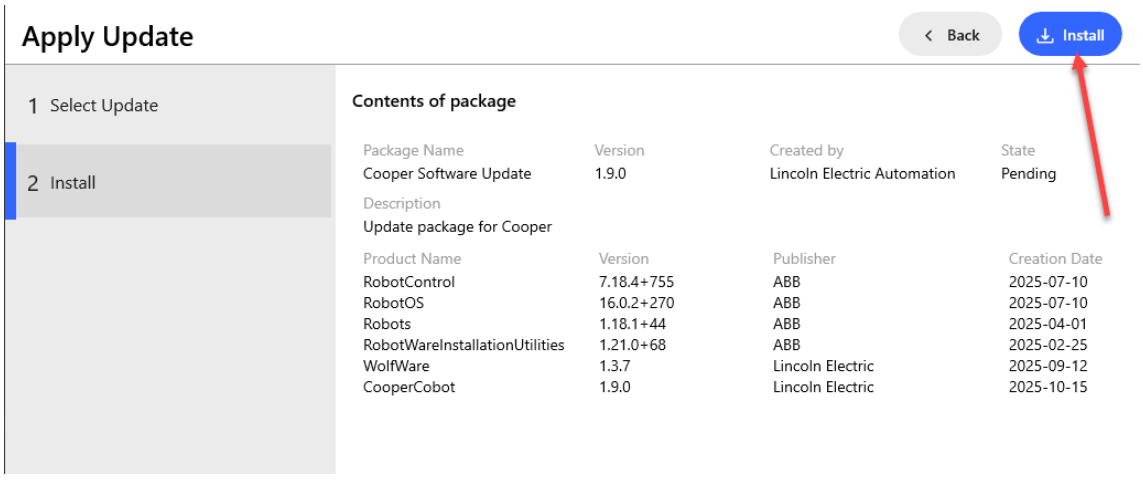


Confirm the version information and click Next to continue.



Finally, select Install.



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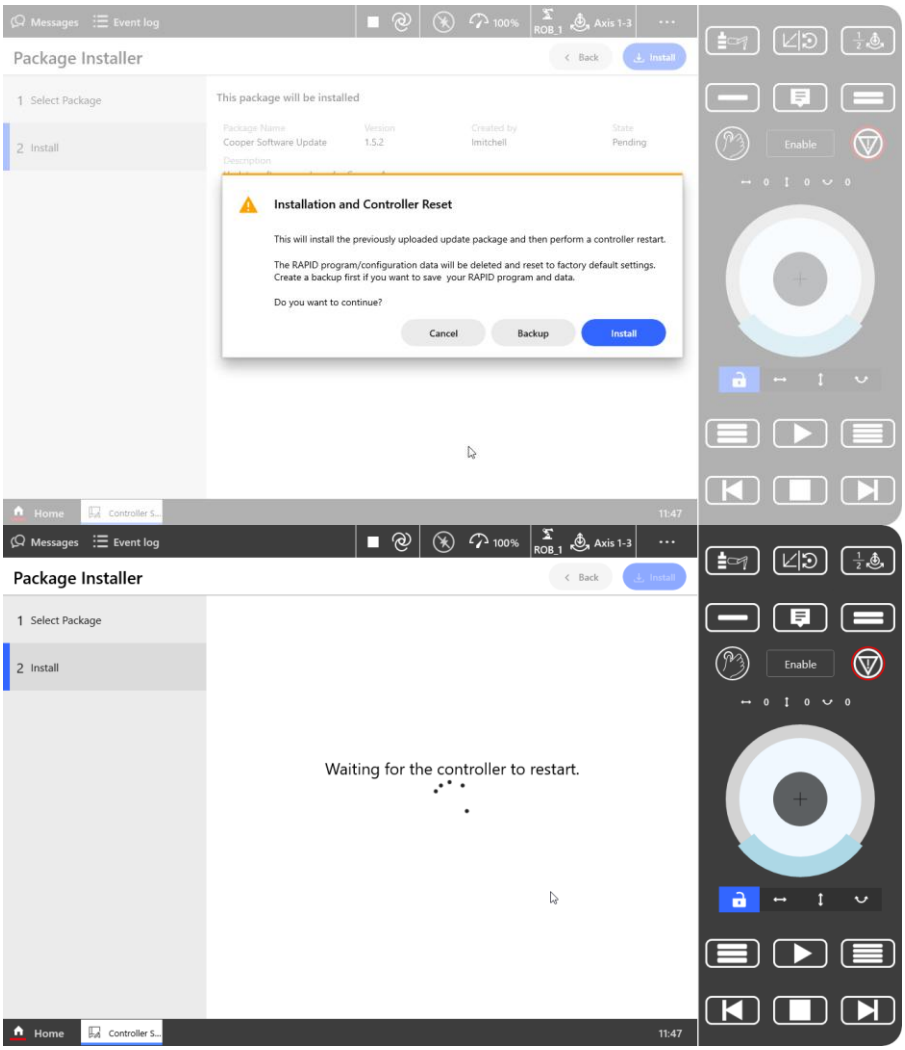
Confirm the installation then wait for the software to install and controller to restart.



You have now successfully updated the Cooper App.

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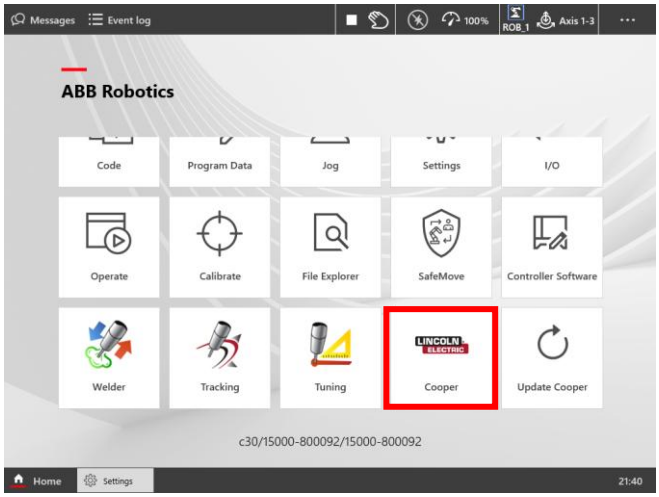
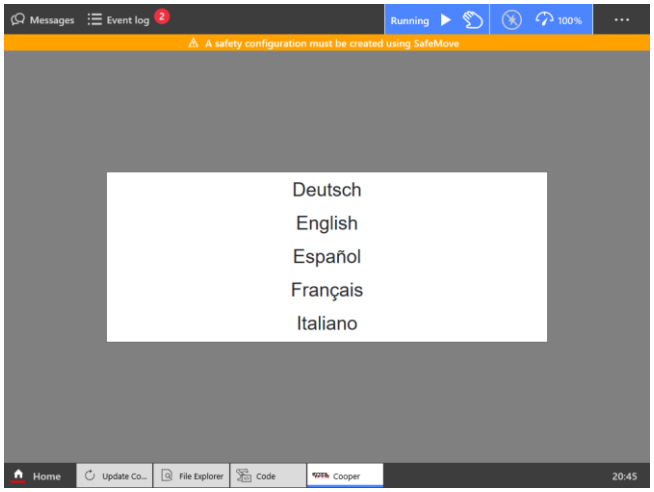
Section 3: Launch Cooper App

3.1: Setup Cooper App

Navigate Home / Cooper.



Select the language for the Cooper App.



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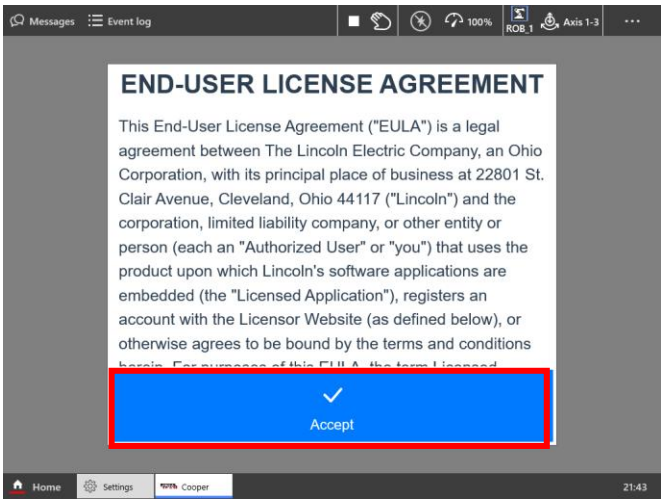
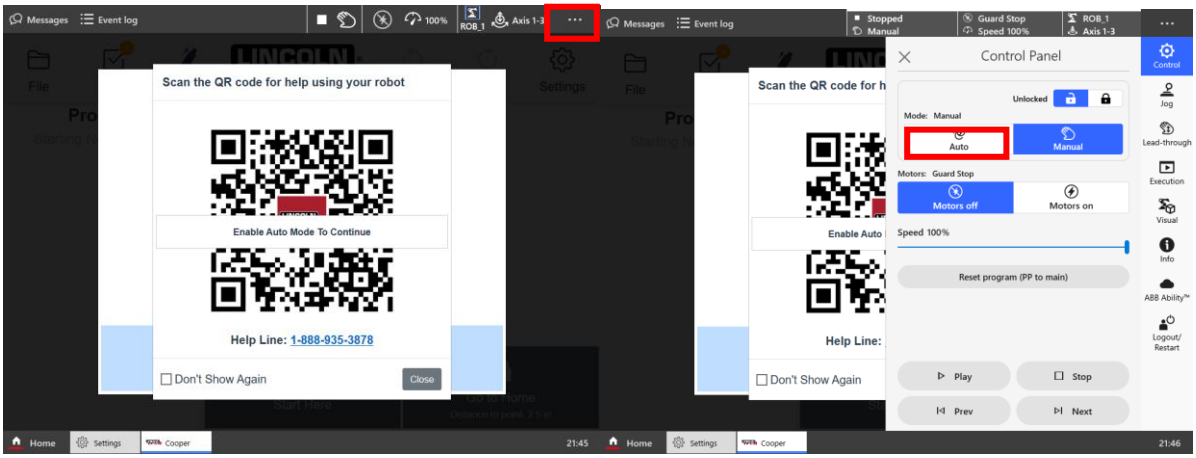
Read the End User License Agreement and click Accept.



Re-enable Auto Mode by selecting the 3 dots in the top right and change Mode to Auto. Click Confirm and Acknowledge. Click the 3 dots again to close the right side menu.



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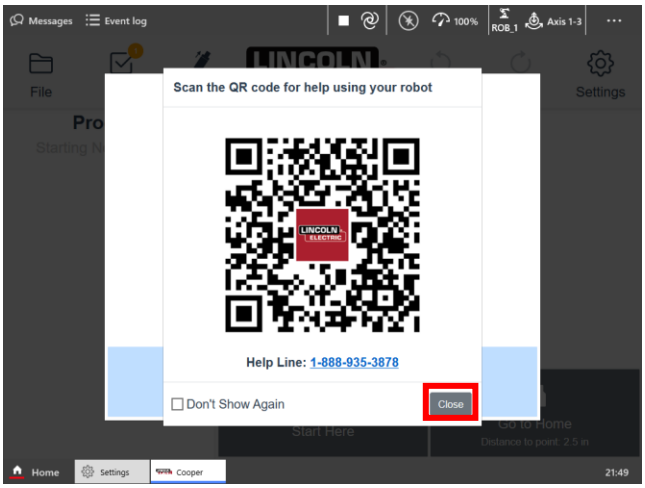
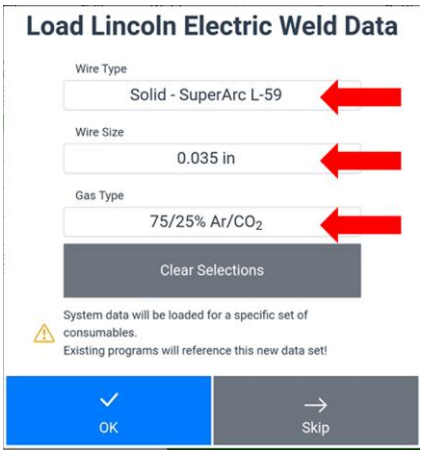
Scanning the following QR code will redirect you to tutorials and resources for the Cooper App. Click Close to continue.



3.2: Initialize Weld Data

Finally, you will be prompted to reselect your consumables. Select the appropriate Wire Type, Wire Size, and Gas Type present on your system. This will load in improved Weld By Number parameters for your respective consumables. If you are not using Weld By Numbers or the consumables you are using on your system are not listed in the dropdown selections, you can instead select Skip to reimport your custom weld data. Once consumables have been selected, press OK to load in the weld-by-number weld database.



If you opted to skip loading Lincoln Electric's Weld By Number parameters or if you have additional custom Weld Data available on the cobot, you will be presented with the option to import Custom Weld Data into the Cooper App. Here you will be prompted to name the custom weld data and select the desired bead data.

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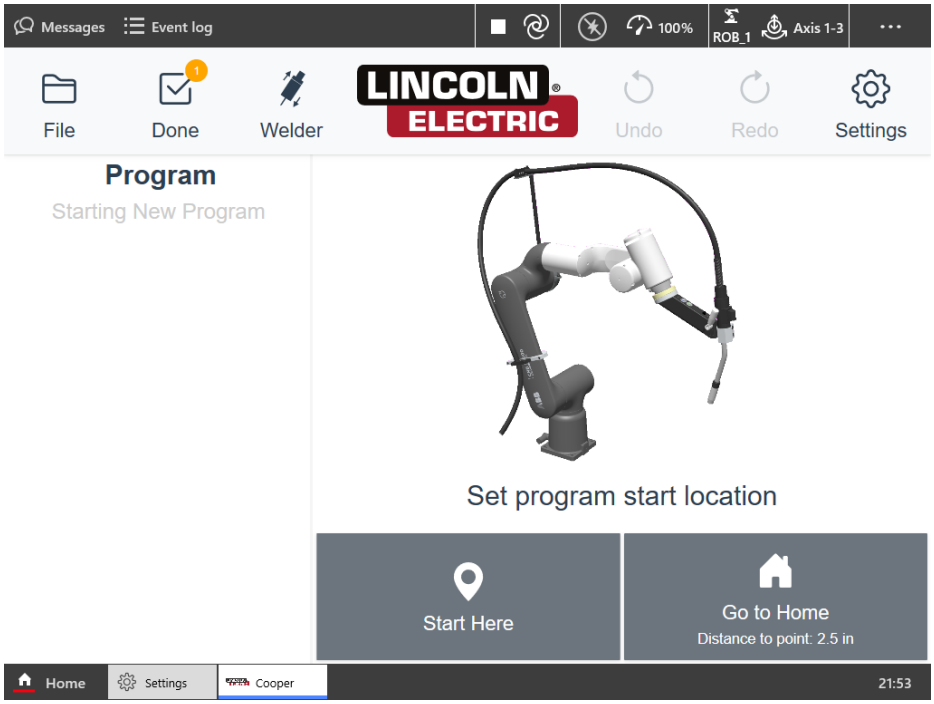
If you would like to set a crater fill on your weld, drop down the arrow for Additional Data and select your crater fill parameters. Once you have made all your desired selections, click Import.

You will be brought back to the import custom weld modal. If there are additional welds you wish to import, you can repeat the above process to import. If you are finished importing custom welds, click Exit.

You have successfully updated the Cooper App!



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