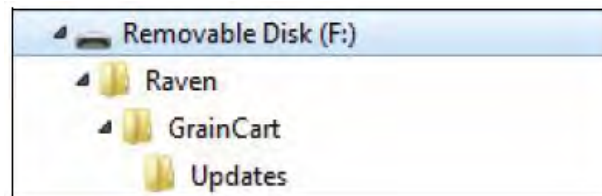


DOWNLOADING AND UPDATING CURRENT SOFTWARE

- STEP 1:**
- Go to uharvest.net/support on your computer for the latest UHarvest software.
 - Find the “Latest UHarvest Software” button and click it to download.
 - Save the software download to your computer desktop and unzip the folder.
 - Insert a clean USB drive into your computer and copy the “Raven” folder onto it.
- **DO NOT save the Raven folder within a different folder on the USB drive****
- The folder structure on your USB drive should look like FIGURE 1:

FIGURE 1:

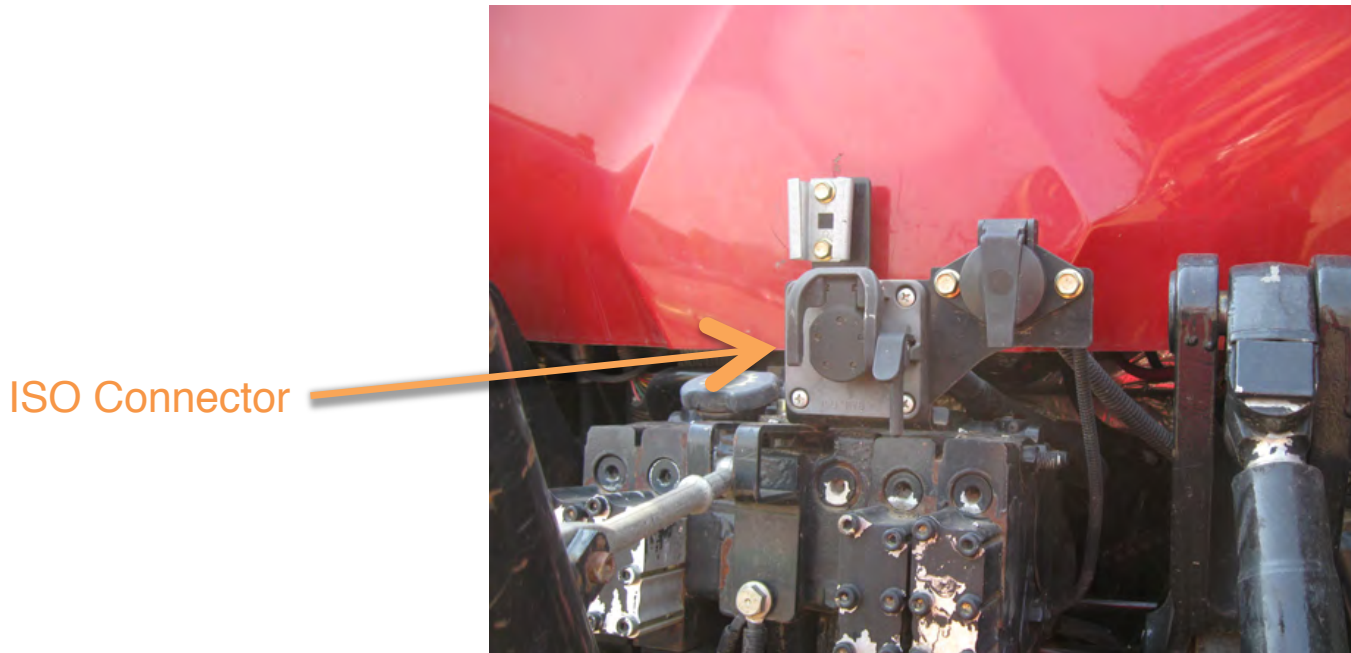


Software Update Instructions

DISCONNECTING THE TRACTOR'S 4-PIN DEUTSCH FROM THE POWER/CAN CABLE FOR SOFTWARE UPDATE.

IMPORTANT: If using GreenStar Power/CAN cable 115-0172-011 (plugged into A-Post), please DO NOT proceed. Power down the system, completely disconnect the VT & skip to Step 4. If using Non-ISO cable 115-7300-021, skip to Step 5.

FIGURE 2:



STEP 2: Identify the tractor's ISO connector at the back of the tractor (FIGURE 2).

Software Update Instructions

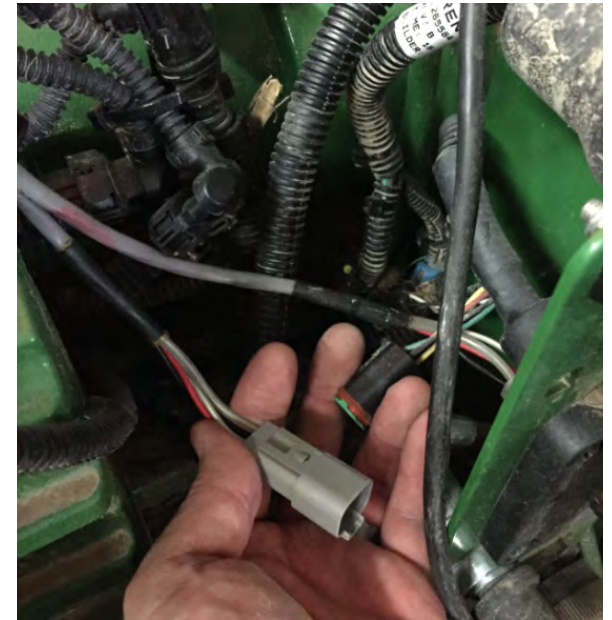
DISCONNECTING THE TRACTOR'S 4-PIN DEUTSCH FROM THE POWER/CAN CABLE FOR SOFTWARE UPDATE.

FIGURE 3:



Power/CAN
Cable
Connection

FIGURE 4:

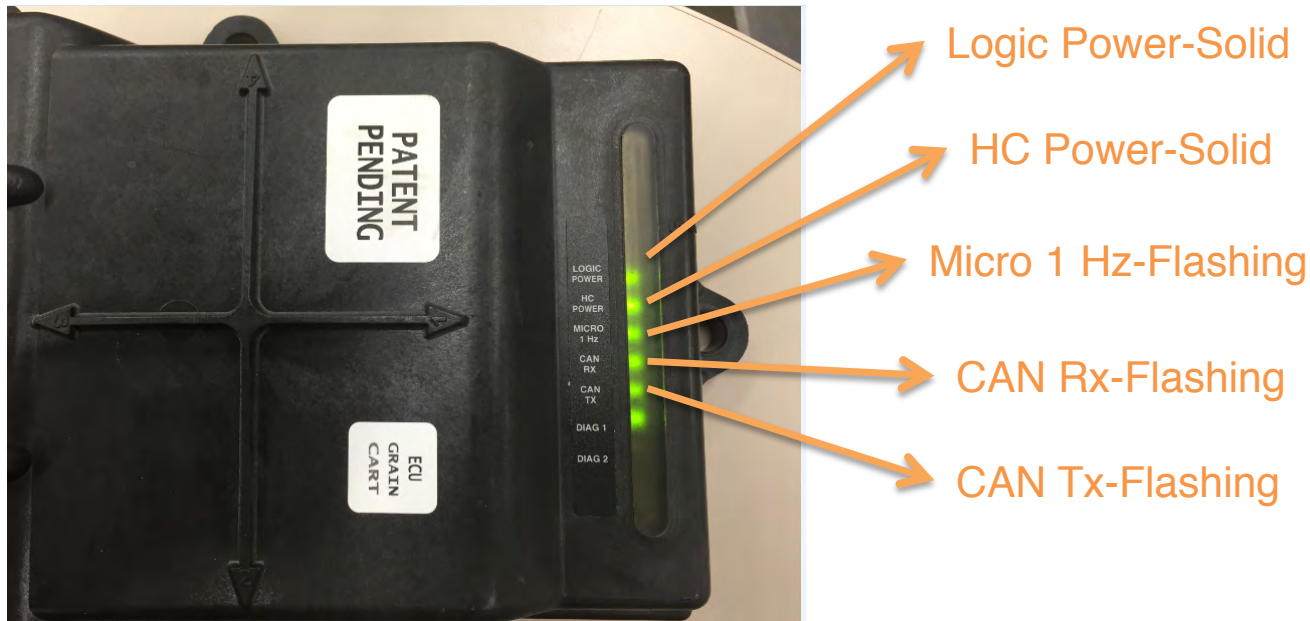


STEP 3: Make sure your tractor is powered off. On the front side of the ISO connector, locate the connection of the tractor's 4-pin Deutsch connector & the UHarvest power/CAN cable (FIGURE 3). Disconnect the tractor's 4-pin Deutsch connector from the UHarvest power/CAN cable (FIGURE 4).

Software Update Instructions

PREPARING FOR THE SOFTWARE UPDATE.

FIGURE 5:



STEP 4: Power the system by turning on the tractor key and check the lights on the ECU mounted on the grain cart. Check to make sure the lights match (FIGURE 5).

DOWNLOADING AND UPDATING CURRENT SOFTWARE

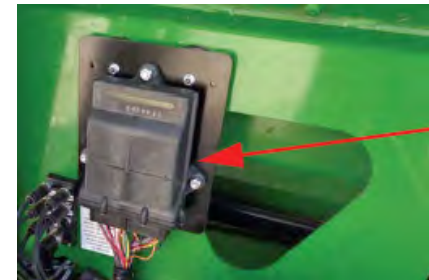
IMPORTANT NOTE: The grain cart must be connected to the tractor during the update. **The update process could take up to 20 minutes.**

IMPORTANT NOTE: The processor and ECU will each reboot during the process. If a tablet is connected to UHarvest during the update, the Wi-Fi connection will be lost at some point. If an ISO VT is connected, the VT will display error messages indicating that it lost communication with the UHarvest ECU. **In either scenario, this behavior is normal during the software update process.**

- STEP 5:**
- Turn the UHarvest processor on and wait for the LED light to turn blue (FIGURE 6).
 - Insert the USB drive with the latest UHarvest software into either of the processor's USB ports.
 - After approximately 5 seconds, the processor LED will turn yellow. This indicates that the software update has begun.
 - The processor LED will change colors several times during the procedure (see page 6 for color identifiers). Each color represents a different stage of the update process.
 - Once the indicator light remains blue for more than 5 minutes without changing color, the software update is complete. **DO NOT REMOVE THE USB OR CYCLE THE SYSTEM POWER DURING THE UPDATE PROCESS.**
 - Verify the software versions in the UHarvest diagnostics screen. For tablet users, the UHarvest shortcut link may need to be reconfigured (see page 7).



Indicator light



UHarvest ECU

ECU INDICATOR LIGHT IDENTIFIERS

LED Color	Duration	Meaning
Yellow	Approx. 5 minutes	Processor update in progress
Blue	Approx. 1-2 minutes	Processor update complete
Light Blue	Approx. 1-2 minutes	Preparing to update the ECU
Violet	Approx. 2-4 seconds	Start of the ECU update
Alternating Blue & Green	Approx. 5 minutes	ECU update in progress
Red	Approx. 2-4 seconds	ECU update complete; system refresh
Blue	Continuous	System Ready for operation

FOLLOWING IS THE SEQUENCE OF LIGHTS THAT WILL SHOW ON THE PROCESSOR:

- Yellow*: New software is being installed on the processor (approx. 5 minutes)
- Blue*: The processor will reboot after one portion of the processor update has been completed (approx. 30 seconds)
- Yellow*: Another stage of the processor update is in progress (approx. 1 minute)
- Blue*: The processor has been successfully updated (approx. 30 seconds)
- Light Blue*: The processor detects old software on the ECU and prepares to update the ECU (approx. 2 minutes).
- Violet*: Start of the ECU update (approx. 2 seconds)
- Alternating Blue & Green*: Indicates that the ECU is being reprogrammed (approx. 5 minutes)
- Solid Blue*: LED remains solid blue without alternating. The update is complete.

Software Update Instructions

CONNECTING THE TRACTOR'S 4-PIN DEUTSCH TO THE POWER/CAN CABLE AFTER SOFTWARE UPDATE.

FIGURE 8:



Power/CAN
Cable Connection

STEP 6: Once the software update is complete, power down the system and reconnect the tractor's 4-pin Deutsch connector and the UHarvest power/CAN cable (FIGURE 8).



Software Update Instructions

RECONFIGURING THE TABLET HOMESCREEN ICON AND TROUBLESHOOTING.

RECONFIGURING THE TABLET HOMESCREEN ICON

- The UHarvest processor's Wi-Fi information was updated in the new software. The UHarvest desktop icon should be reconfigured to reflect this change.
- Delete the old UHarvest desktop icon. It is no longer required.
- Connect the tablet to the processor's Wi-Fi signal.
- Open the tablet's internet browser. (i.e. Safari etc.)
- In the address bar, type the number **192.168.100.254** and press "Go". The processor will direct you to the UHarvest application page.
- In your browser settings, select the "Add to Home Screen" option.
- A new UHarvest icon will be on the home screen. It is identical in appearance to the previously deleted icon.
- Press the desktop icon to launch UHarvest.
- This only has to be done once on each tablet being used.**

TROUBLESHOOTING

- If the update does not automatically start after inserting the flash drive:
 - *Try the other USB port on the processor.
 - *Verify that the software file and folder path were properly unzipped onto the flash drive.
 - *Verify the spelling of the folder names as shown above. The names are case sensitive.
 - *Try a different flash drive.
- If the processor updates but the ECU update does not start:
 - *Verify that the ECU is powered.
 - *Check the CAN communication status at the ECU's LEDs. Refer to the UHarvest operator's manual for additional troubleshooting steps.
 - *Remove power from the system and unplug the ECU cable from the tractor for 10 seconds. Reconnect the cable and power the system again.
- If the problems persist, please contact technical support.