



BOOM CONTROL UPDATE

This document explains how to use the kit (P/N KT10111) to update the IBC (Integrated Boom Control) software to fix inadvertent boom movement. These instructions guide you through the workflow of the update:

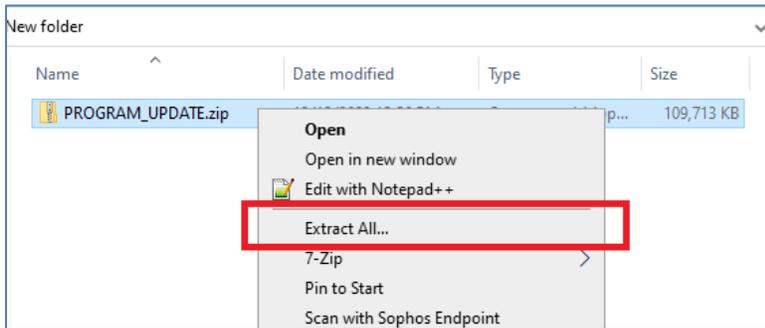
1. Install the updater application on a laptop computer.
2. Connect the laptop to the boom control on the tractor through the TERM connector.
3. Start the software update from the laptop to the boom control.
4. When updated, disconnect the boom control from the laptop.

INSTALLING THE APPLICATION ON A LAPTOP

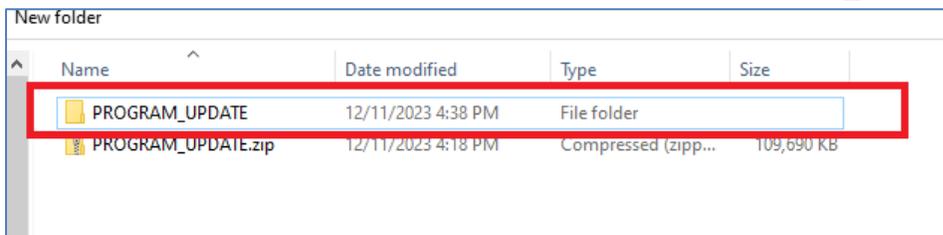
You will install the program updater once for all the IBC units you will update.

1. Download the files for the updater:
 - a. On a laptop, log in to: <https://diamondmowers.com/ibc-software-update/>
 - b. Click [Download Files Here](#).
 - c. On the browser page that opens, click **Download**.The **PROGRAM_UPDATE.zip** file downloads to your laptop.

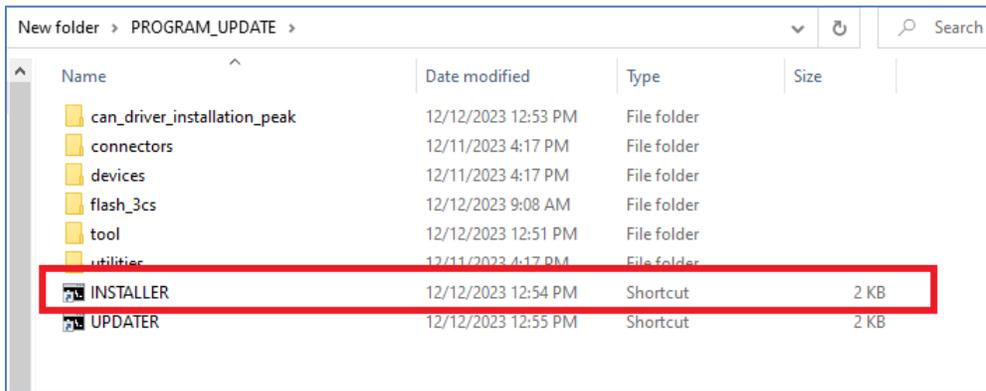
2. Extract the zip file: right-click the file and then click **Extract All** or use a utility such as 7-Zip.



3. When the file extracts, it creates a new folder called **PROGRAM_UPDATE**. Double-click it.



4. Double-click **INSTALLER**.



5. A window opens and shows: Do you want to allow this app to make changes to your device? Click **Yes**.

The setup wizard opens, to install the updater program.

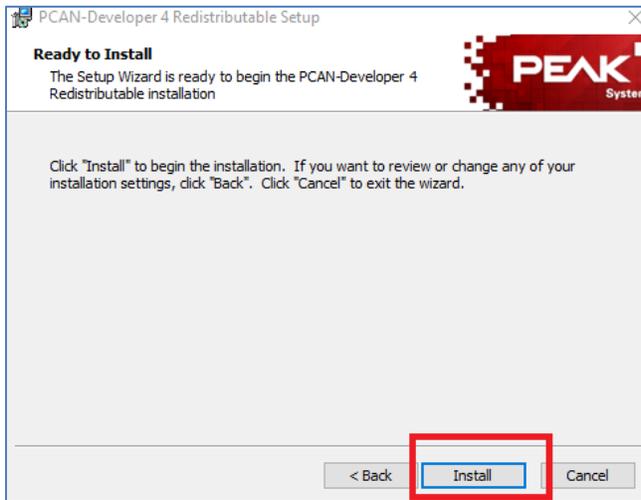
6. In the setup wizard, click **Next**.



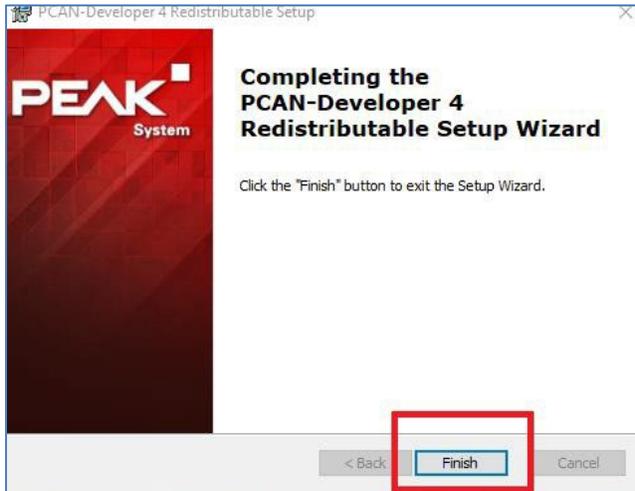
7. Click I accept the terms in the License Agreement and then click Next.



8. Click **Install**.



9. The setup completes in seconds. Click **Finish**.



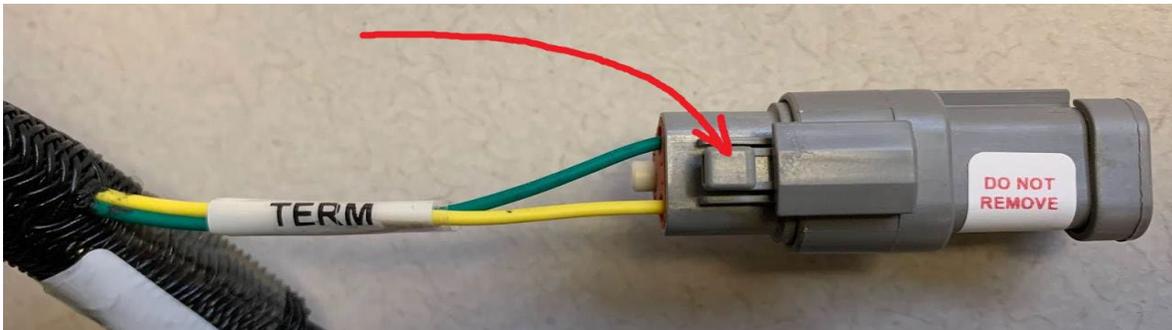
CONNECTING THE MACHINE TO THE LAPTOP

On the back of the tractor, the IBC harness is near the manifold. You will connect the harness TERM connector to the laptop.

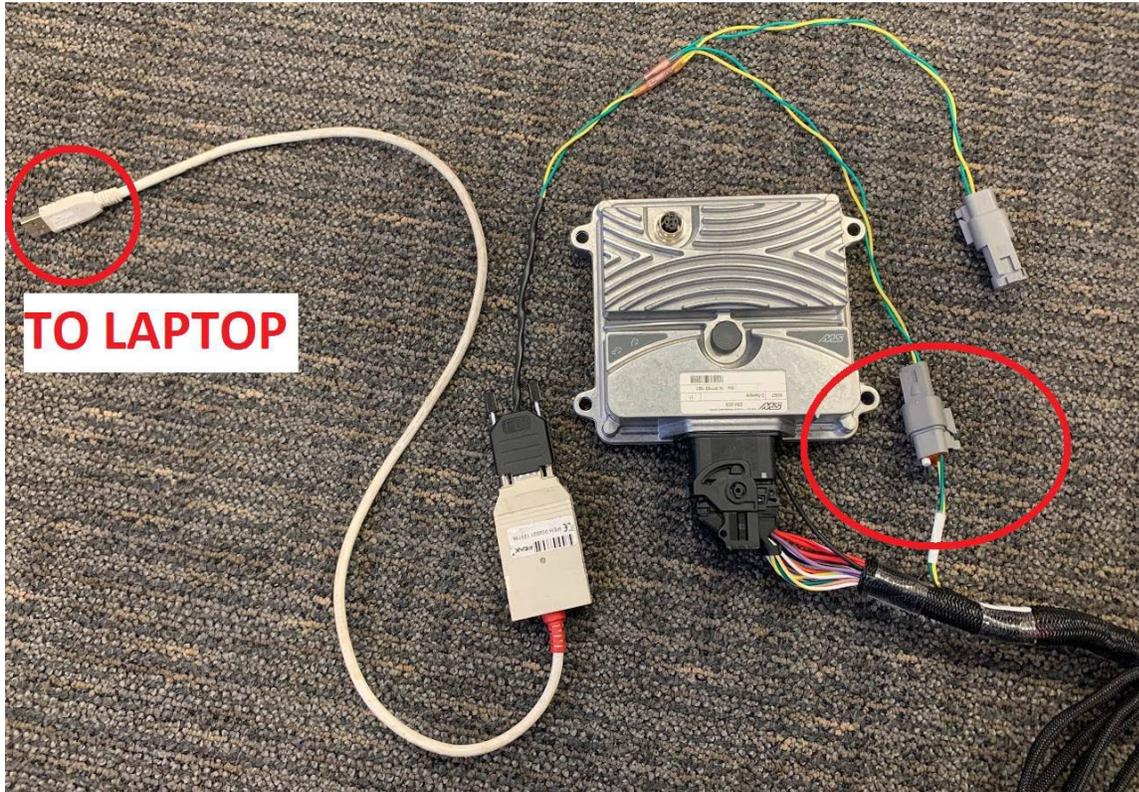
1. Find the **TERM** connector. Its plug label is: DO NOT REMOVE.



2. Squeeze the tab and pull to remove the TERM connector from the DO NOT REMOVE plug:



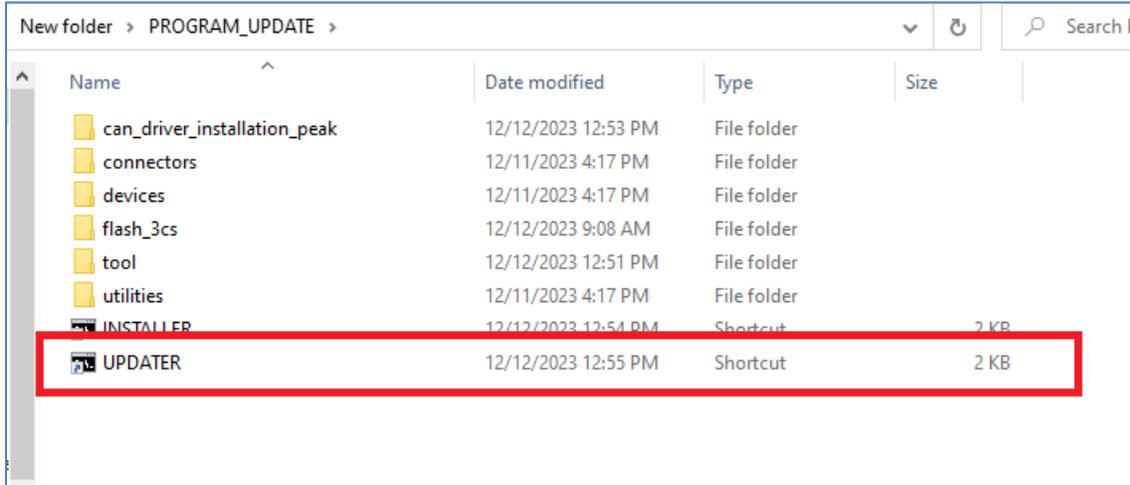
3. Open the kit. Plug the TERM connector into the provided programming harness. Plug the USB connector into the laptop.



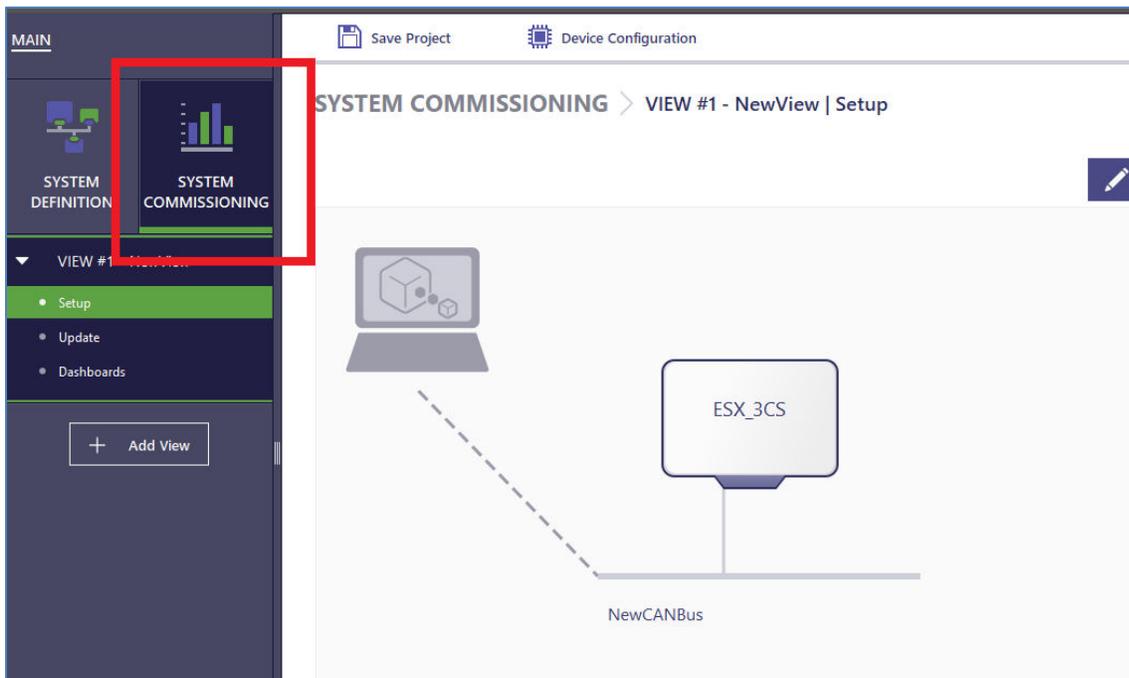
UPDATING IBC SOFTWARE ON A TRACTOR

You will start the update on the laptop. The software will go to the IBC system on the tractor.

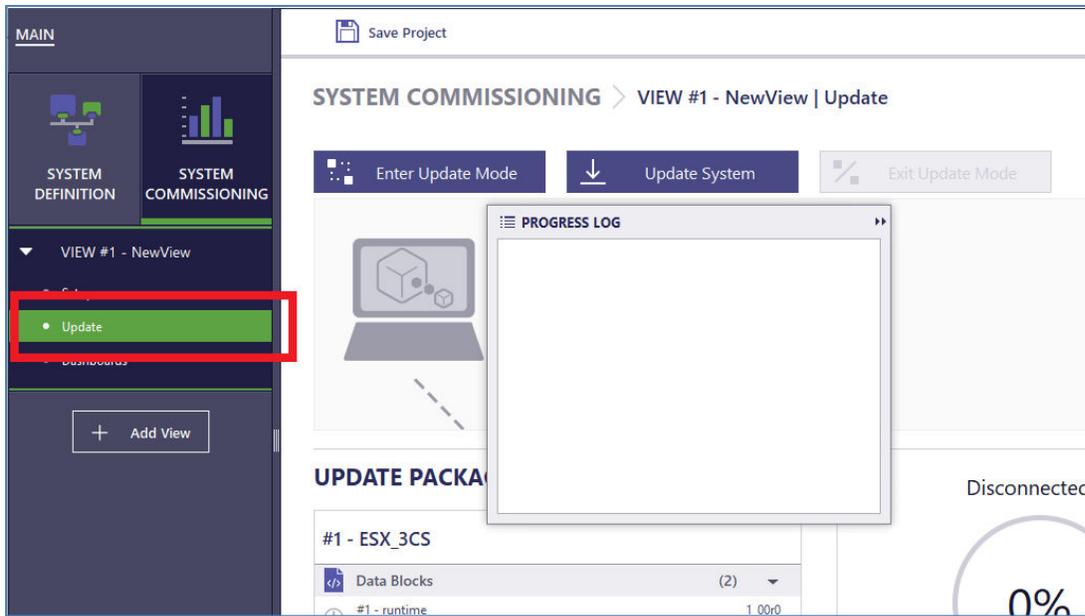
1. On the laptop, in the **PROGRAM_UPDATE** folder, double-click **UPDATER**.



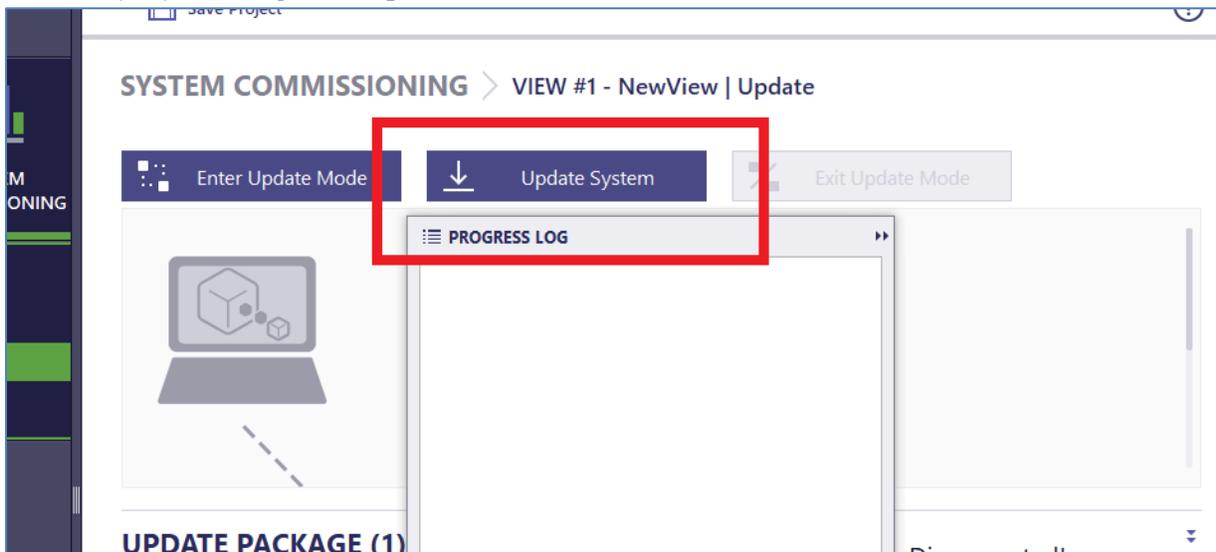
2. In the application that opens, in the top left, click **SYSTEM COMMISSIONING**.



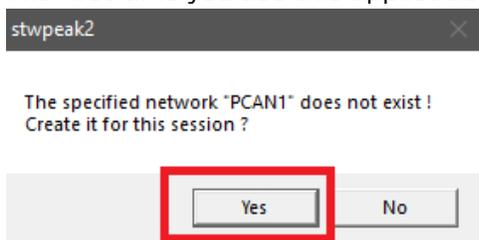
3. On the left side, click **Update**.



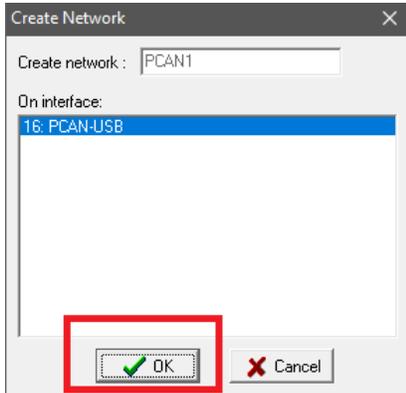
4. Connect the provided harness to the tractor and turn on the tractor and the attachment.
5. On the laptop, click **Update System**.



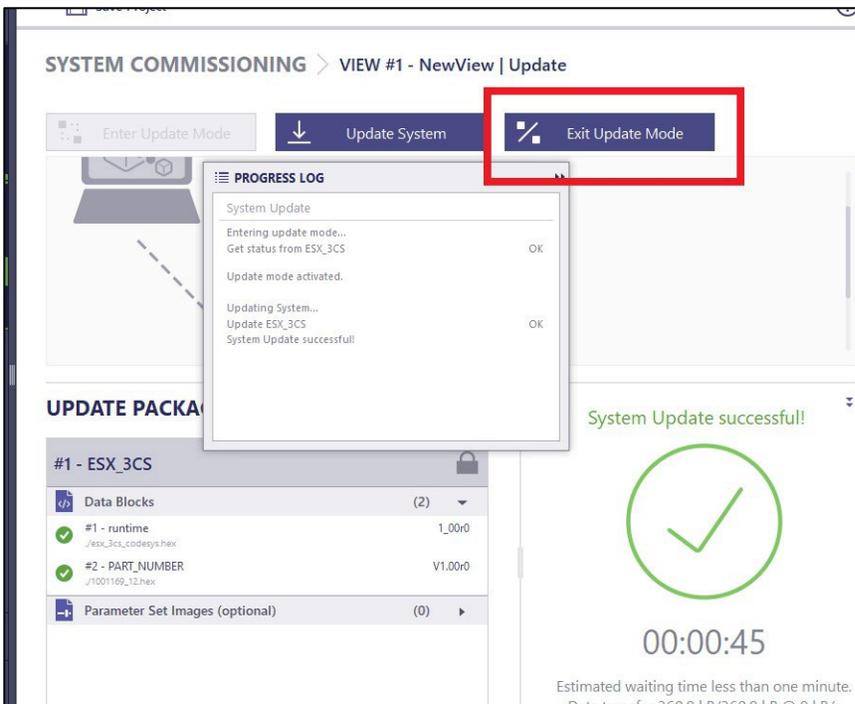
6. The first time you use this application on this laptop, a confirmation message shows. Click **Yes**.



- In the Create Network window, click **OK**.

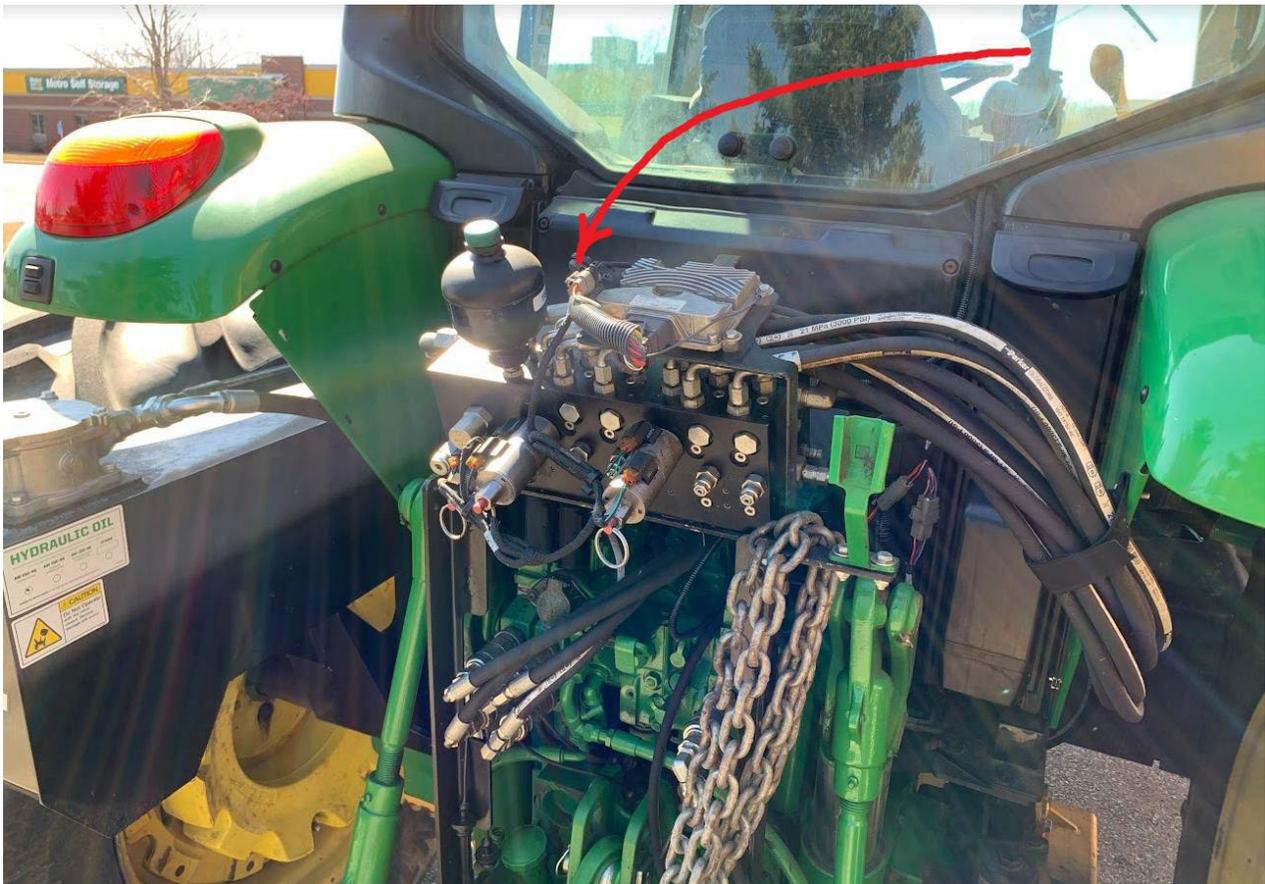
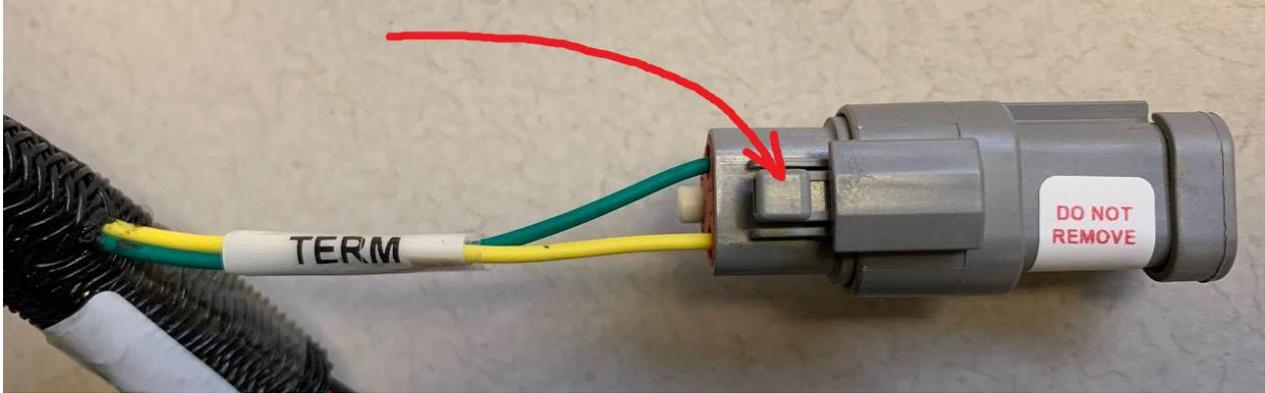


- Wait for the update to complete (one minute or less). The percentage label on the bottom right will become a green checkmark. Click **Exit Update Mode**.

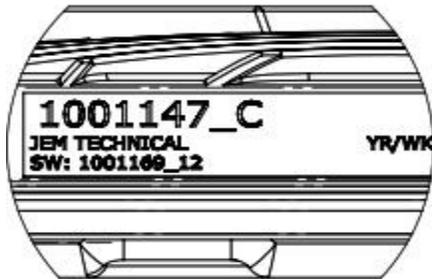


COMPLETING THE UPDATE

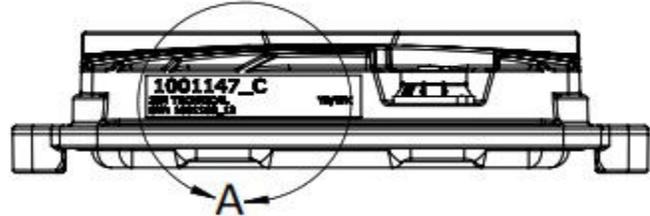
1. On the tractor, unplug the programming harness from the TERM connector and plug the TERM connector back into the DO NOT REMOVE plug. **This is necessary for the machine to work properly!**



2. Apply the new label to the Controller.



DETAIL A
SCALE 1 : 1



To update more than one machine, repeat step 4 (Connect the provided harness to the tractor and turn on the attachment.) to the end.

3. When you complete the IBC updates on all relevant tractors, return the programming harness components to Diamond Mowers in the return package.