Overview and information

This procedure explains how to install display controller kit (model **KAFXC-DCONTROL2** or **KAFXC-DCONTROL**).

A. Create a new database backup

B. Shut down AutoFlex Connect

C. Verify the database backup

D. Remove the old power supply and display controller

E. Install the new display controller and power supply

F. Start AutoFlex and restore from the backup

G. Update AutoFlex

The display controller on your AutoFlex Connect may have one or two USB drives.

One USB drive:

Your backups should be in the `Backups` folder on the drive.

Two USB drives

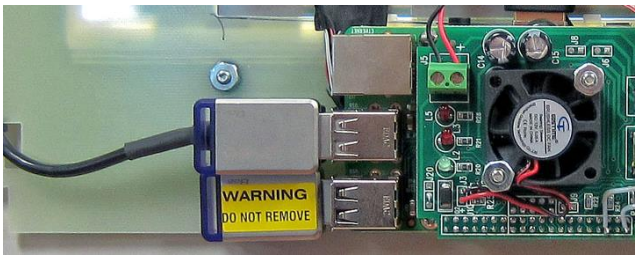
One drive has a yellow WARNING label. Your backups should be in the `Backups` folder on the drive that DOES NOT have the WARNING label.

A. Create a new database backup

- ◇ You must create the backup on the **new** USB drive that **DOES NOT** have the WARNING label.
- ◇ If your AutoFlex Connect is not functioning, skip to the section **Verify the database backup**.

1. At the AutoFlex Connect, press the main menu and then **Administration**.
2. On the Admin Panel, press **Diagnostics**.

3. Press **Eject USB** and then press **Yes**. Carefully follow the instructions on the screen. If a message displays that it is safe to remove the USB drive, **DO NOT press Okay**.
   - If your AutoFlex has **one** USB drive, remove it.
   - If your AutoFlex has **two** USB drives, remove the drive that **DOES NOT** have the WARNING label.



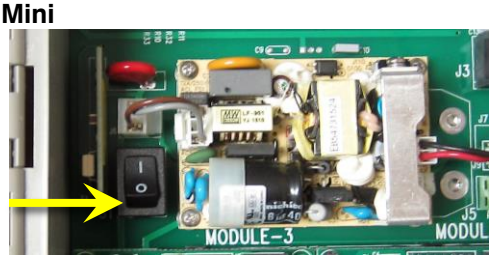
4. On the new display controller, remove the USB drive that **DOES NOT** have the WARNING label.
5. Plug the USB drive into the port where you removed the drive from in step 3.
6. On the Diagnostics screen, press **Okay**.
7. Swipe to the right or left until you see the Backup Database icon.
8. Press **Backup Database**.
9. Press **Yes** and then wait for the backup to complete.

B. Shut down AutoFlex Connect

Before installing the kit or servicing the control, switch OFF the incoming power at the source.

1. On the Diagnostics screen, swipe right or left until you see the Shut Down Display icon.
2. Press **Shut Down Display**.
   The control goes through a shutdown process. When the message "*It is now safe to turn off the control.*" displays, you can go to the next step.
3. Open the cover of the AutoFlex Connect.
4. Switch off the power using the switch on the bottom board.

Mini



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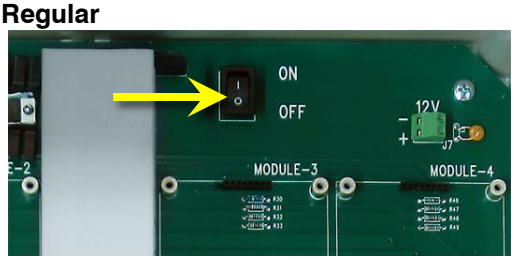
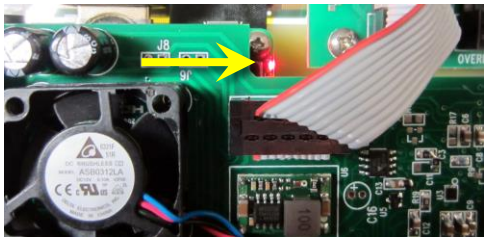
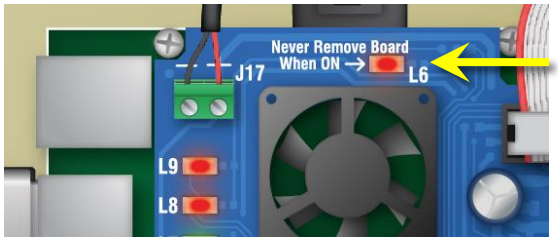


5. Wait for the red light on the controller board to go completely off. This can take from 3 to 5 minutes. Your control may have either of the two controllers shown below.

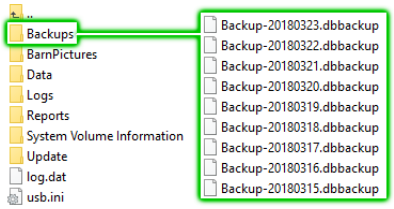




6. Unplug the new USB drive that you connected before the database backup, if you completed that section.

C. Verify the database backup

1. Plug the USB drive that has your backup into a USB port on a computer.
2. Find the `Backups` folder on the USB drive. The folder should have all the backups that have been saved. The file names include the date of the backup.



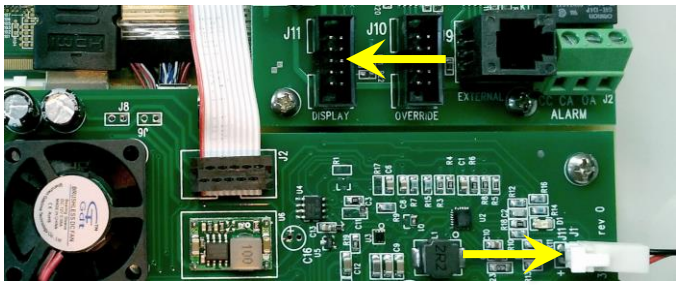
3. Save a copy of the most recent backup to your computer.
   i. Right-click the latest backup and then select **Copy**.
   ii. Right-click the folder on your computer where you would like to save the file and then select **Paste**.
   A copy of your backup should now be in the folder you selected.
4. Right-click the USB drive and then select **Eject**.
5. Unplug the USB drive from your computer.

- If you successfully created a backup in step **A**, go to step **D**; you do not need to continue this section.
- If you were not able to create a new backup on the new USB drive, continue to step 6

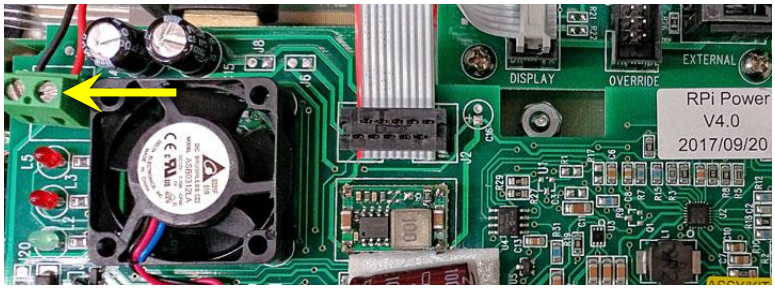
6. Plug the new USB drive into the computer.
7. Find the `Backups` folder on the USB drive.
8. Locate the backup file that you copied to your computer and then copy it to the new USB drive.
   a. Right-click the backup file and then select **Copy**.
   b. Right-click the `Backups` folder on the USB drive and then select **Paste**.
   A copy of your backup should now be in the folder.
9. Right-click the USB drive and then select **Eject**.
10. Unplug the USB drive from your computer.

D. Remove the old power supply and display controller

1. Make sure the red light in step 5 from the previous section is off.
2. Unplug the ribbon cable and two-wire connector from the power supply.

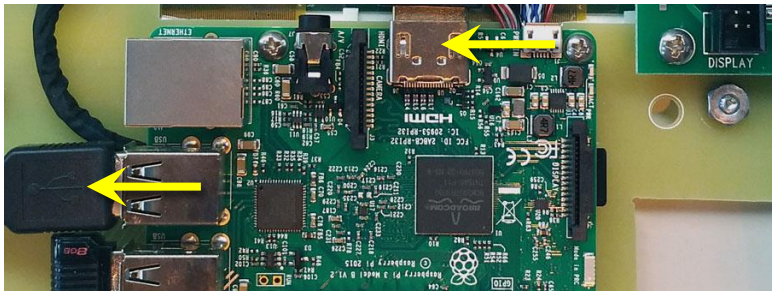


3. Disconnect the red and black wires from the green terminal.

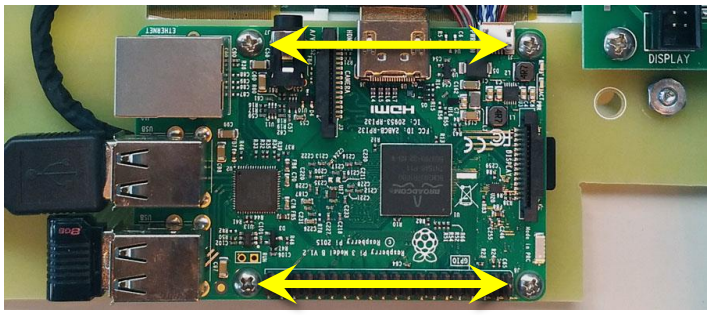


4. Remove the screw from the power supply circuit board.

5. Carefully remove the power supply by gently pulling it straight out.
6. Unplug the USB and HDMI cables from the display controller. Remember where they were connected.



7. Remove the four screws shown below.

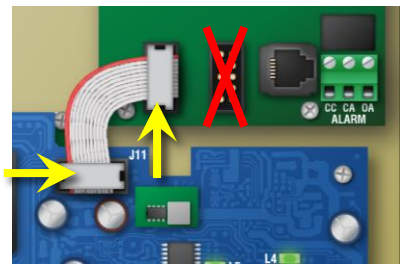


8. Remove the display controller.

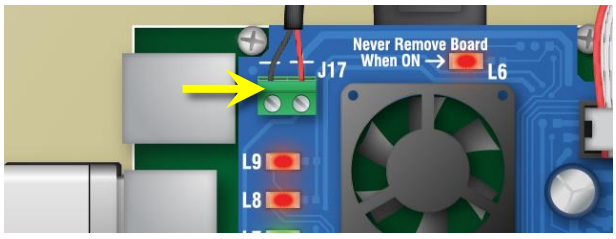
E. Install the new display controller and power supply

1. Plug the USB drive with the backup into the new display controller.
2. Fasten the new display controller to the mounting plate using the four screws.
3. Reconnect the USB and HDMI cables.
4. Align the connector on the bottom of the power supply circuit board with the pins on the controller. Gently press the power supply circuit board all the way onto the pins.

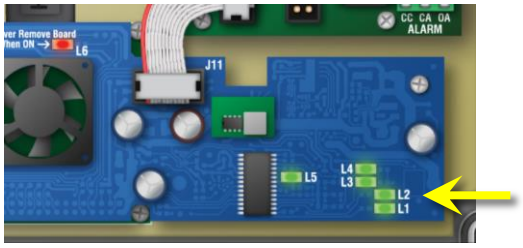
5. Verify that the connector is aligned properly on the pins.
6. Fasten the power supply to the assembly using the screw.
7. Plug the ribbon cable into the DISPLAY connector and the power supply.



8. Connect the red and black wires to the green terminal.



9. Remove the plastic tab from the power supply board (blue version), **OR**, plug the connector with the red and black wires onto the pins of the power supply board (green version).



10. Verify all cables and wires are properly connected to their correct locations.

F. Start AutoFlex and restore from the backup

1. Switch on the power to the AutoFlex.

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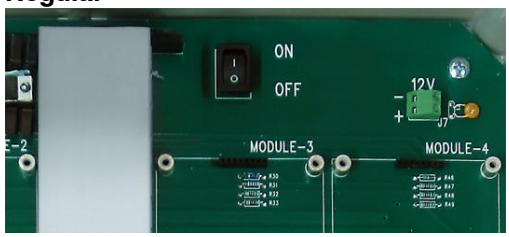

2. When the "*ID has changed*" message displays, press **OK**.
3. After AutoFlex has restarted, log in using the **sysadmin** user with the password `0000`.
4. Create a temporary user, called "Temp", or something similar.
5. Log in as the "Temp" user.
6. Press the main menu and then **Administration**.
7. On the Admin Panel, press **Diagnostics**.
8. On the Diagnostics screen, swipe to the right or left until you see the Restore Database icon.
9. Press **Restore Database** and then press **Yes**.
10. Press **Select Backup**.
11. Select the backup from the list and then press **OK**.
12. Press **Restore Backup**.
13. After the backup has been restored, press **OK** to restart AutoFlex.

G. Update AutoFlex

1. After AutoFlex has restarted, log in.
2. Press the main menu and then **Administration**.
3. On the Admin Panel, press **Diagnostics**.
4. On the Diagnostics screen, press **Install Updates** and then press **Yes**.

After the updates are finished installing, the process is complete.

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