

Replacing a A835PC3 control board with a new A835PC4 control board.

NOTE: REMOVE (J1) AND (J8) TO REMOVE POWER FROM THE PCB

The A835PC4 (Red) PCB was designed to be backwards compatible to be used as a replacement PCB for the older A835PC3 (Green) PCB used in HatchLatch® kits. When removing the old PCB, simply lift the green connectors from the PCB (there is no need to unscrew the terminals at this time. Once the new PCB is installed, the installer should refer to the image below to reconnect the existing wiring plugs.

The Photo Eye connectors are transferred directly without any wiring changes. (J7, J5)

The connector with the black wire jumper is directly transferred. (J3) - You must have an external jumper (connects positions 1 to 4) on this connector when using 2 Photo Eyes.

The Solenoid connector is directly transferred, but the user should remove the white jumper from that connector if one is installed. (J2)

The connector on (J4) has been reconfigured to allow an external jumper to set up the Fire Service override connection - refer to the new wiring diagram for proper wiring if needed.

The DZ output connector (J6) has been reconfigured to allow for signal connection without an external Relay. The PCB now provides a Dry contact - the A835PC3 PCB provided a 110VAC output only. This allows the installer use this contact to make or break a control circuit rated up to 240 VAC. (It is recommended to use an external relay if you are connecting 110VDC control signals through this relay)

Once all of the above connections are complete the user can now reconnect (J1) & (J8)

Apply the supplied A4 PCB diagram over the old A3 diagram on inside of the box lid.

