Adding a light kit to the 2007 and newer boards
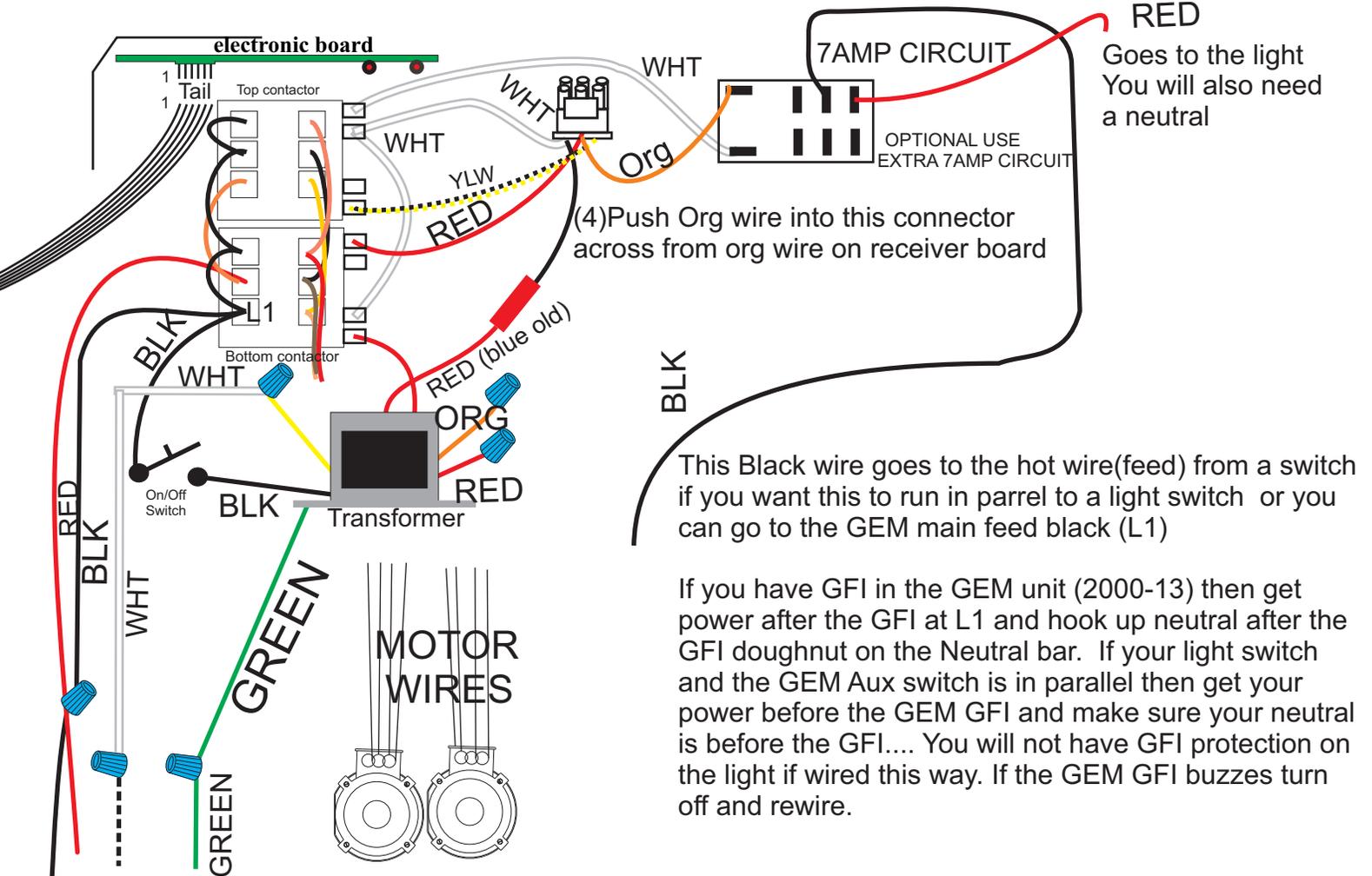Conversion kit will not work with older units 8832, 8833,5002 or 5003

electronic board

1 Tail

Top contactor

WHT

WHT

WHT

YLW

Org

7AMP CIRCUIT

RED
Goes to the light
You will also need a neutral

OPTIONAL USE
EXTRA 7AMP CIRCUIT

(4)Push Org wire into this connector across from org wire on receiver board

RED

L1

Bottom contactor

BLK

WHT

RED (blue old)

ORG

RED

BLK

BLK

RED

On/Off Switch

BLK

Transformer

WHT

GREEN

GREEN

MOTOR WIRES

This Black wire goes to the hot wire(feed) from a switch if you want this to run in parrel to a light switch or you can go to the GEM main feed black (L1)

If you have GFI in the GEM unit (2000-13) then get power after the GFI at L1 and hook up neutral after the GFI doughnut on the Neutral bar. If your light switch and the GEM Aux switch is in parallel then get your power before the GEM GFI and make sure your neutral is before the GFI.... You will not have GFI protection on the light if wired this way. If the GEM GFI buzzes turn off and rewire.

Tools needed: Phillips screw driver, needle nose pliers, and black magic marker.
You must follow all steps to insure proper operation. Failure to do so could
result in injury to you or damage to the remote or the lift.

1. Test your old unit. Make sure manual up/down switch works.
2. Turn off the main power to dock. Check that unit does not operate.
3. Remove four screws to gain access to the controls.
4. Push the new orange wire into the harness across from the Org wire on the receiver board.
5. Attach the small white wire to the top contactor white wire there should be an extra fast on in this spot.
The white will get its power from the transformer through the white jumper.
6. Connect your light to the red and back wires our unit acts like a switch, if you want the light to get power from inside the GEM
unit then attach the Black wire to L1(main feed black) the red will go to the light and then attach your light's white to our neutral.
If you have a GFI in the GEM unit then you will need to be constant how power is run either both before or after the GFI.
7. Screw down the light relay to the white board in the upper right-hand corner and make sure no exposed connections will touch
any other exposed connections or switches on the face card.

8. Attach the membrane switch tail to the board one side of the tail is marked # 1 is and it should go on the left, test the switches
if only one button works then reverse the tail.

10. Press the Aux button and the light will stay on for 10 minutes. If you want the light to say on forever the hold the button for three
seconds. The transmitter will turn on the light by pressing both buttons at the same time and will also hold on when both buttons
are pressed for three seconds. To turn off just press the buttons again.

11. Add an "L" to the part number on the door Gr2 would now be GR2L.

If you have any comments, questions or complaints please contact us. Paul@gemremotes.com 239-642-0873