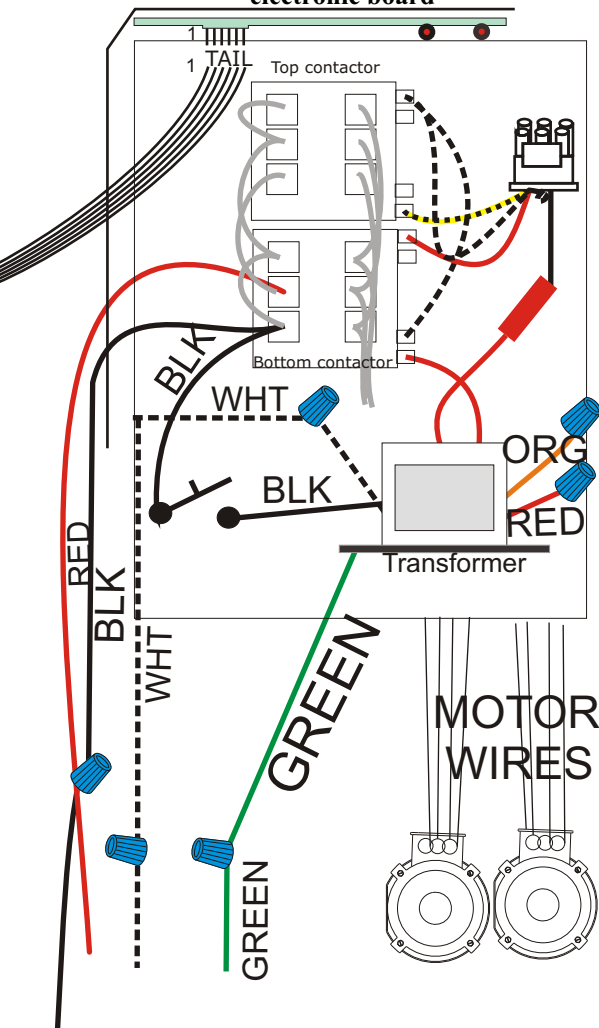


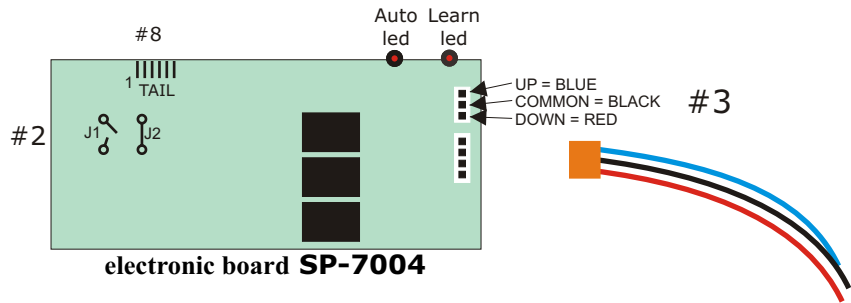
You must have a limit switch, black box with yellow top!!!!



You must follow all steps to insure proper operation. Failure to do so could result in injury to you or damage to the remote and/or the lift. It is very important you must have a limit switch attached for this unit to work properly it is also against the National Electric Code to have an Auto-Stop unit without a limit switch. We have three standard limit switch systems: KELS, KFLS and KRLS.

Tools needed: Phillips & regular screwdriver, needle nose pliers, wire crimpers, drill and 5/8 in bit, wire strippers, magic marker and tape. Your box on the dock must have a date later than 03/07 inside the door and your transmitter needs to be yellow with three blue buttons.

1. First check that all motors go up and down using the remote and manual switches turn off power and make sure the unit does not work.
2. If upgrading you will need to cut J1 if it is not cut then the Auto-Stop mode will not work. Cut J1 wire loop on the electronic board with wire cutters. See the picture below.
3. Press the 3 pin connectors into the board on the right-hand side use the top 3 pins.
4. Attach the limit switch to the lift according to its instructions.
5. Route the wire from the limit switch back to the GEM box. You might have to drill a 5/8 inch hole in the bottom of the box. Fasten the gray(black) cord grip, push wire through the new hole and cut off the excess wire you should leave enough wire to get to the new three wire harness red, black and blue.
6. Cut off 3 inches of the black insulation to expose the red, black and blue wires.
7. Use wire nuts and connect wires color to color to the limit switch wires inside the gem box.



8. Attach the membrane switch tail to the board # 1 should go on the left side of the board. Screw face card to box.

9. Turn on your unit then press the Auto-Stop(run) button the Auto-Stop LED up top should turn on and stay on. If it does not turn on cut J1 read instructions again.

10. When you turn on the GEM system you should see a red Auto-Stop(Run) LED flash. This LED should shine through the new face card holes. The transmitter should have been programmed by GEM Remote. If your new transmitter 3 blue button does not work, press the learn button once and release. Then press the learn button you should see the learn red LED light up on the receiver board. Program your receiver by pressing the stop button on the remote. The LED will turn off and programming is complete. To Clear memory of all transmitters, press and hold the CLEAR button for seven seconds. Only three button transmitters will work with this unit (7240) and have a frequency of 372MH. Old transmitters 6230 will not work with this unit.

11. Now your unit is an Auto-Stop it should run up to the limits when the up or down is pressed one time. Now that the unit is an Auto-Stop add an "A" to the part number on the door GR2 will now be a GR2A, you should also add a date to know when you made the changes.

The auto-stop light will flash quickly for an up limit and slow for a down limit. This unit will not work until the limit switches are attached.

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

Build notes: Org 3 pins : red, blk and blue wires
1 Cord grip, limit switch instructions