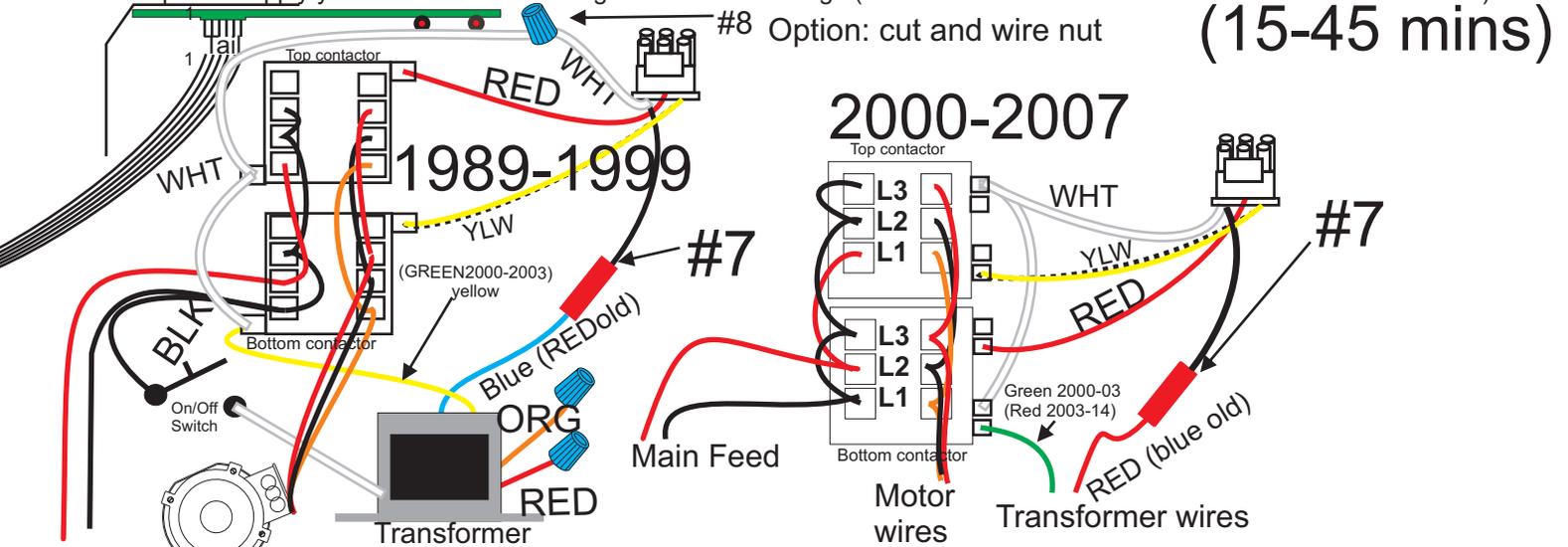


K7004 UPGRADE from 8832 or 5002 no Auto-Stop Switch

1/24/14

Conversion kit will not work with 110 Volt coil contactors. Your unit must have a transformer as shown in the diagram, not an outlet style calculator power supply you must also have a hinged door. Plastic hinge (cut down face card. screwed on covers need PWC M/S).



This is a very easy installation the only problem is that we have 29 years of units out there and we were not consistent with parts and/or wires so when you open up the GEM box and look inside you're going to say there is no way I can do this. The old units are a rat's nests of wires but all those small wires get removed also more than half the switches get removed and replaced by the new membrane switch face card with 1/5 of the wires than the old unit. Please go STEP BY STEP and you will not have a problem. Do not start yanking out wires this will cause problems. 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.

Tools needed: A Phillips & flat head screwdriver, needle nose pliers, wasp killer spray, crimpers, crescent wrench (for switches), magic marker and tape.

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 the four screws to gain access to the controls. Remove the on/off and a level switch only from the old face card (if so equipped) Don't remove the up/down and/or the learn switches plus their wires these are not used but leave them connected to the old card this will make things less confusing.
4. Pull out the receiver board and the antenna wire (blk wire taped to the side of the box). Let this all hang out the box.
5. You will need to replace your old wire harness with the new five wire white plug even though you don't think so. If your old unit has an auto-stop switch you must get those directions at www.gemremotes.com.
6. Follow the yellow wire that comes off the up/down switch to the contactor and replace it with the new yellow wire. Yours might not have a fast-on connection, if not, just cut off the faston and strip the wire. Do the same for the red wire.
7. Cut the transformer wire that is attached to the black wire on the middle of the up/down switch crimp the new back wire from the new harness to that transformer wire. Old black wire might have extra red and yellow ignore these.
8. The only old wire left attached should be the white wire it jumps from the top contactor to the bottom contactor you can replace it with the new white jumper wire or cut off new jumper and wire nut the old white to the new white wire. This wire gets its power from the second transformer. See option #8 at top of page. The transformer wire should be green (red 2003 and newer) or yellow in an older unit and it should be attached to the contactor with one of the white jumper wires.
9. Use the new face card and mark the hole position of top two led holes on the inside of the box. The new board should be placed in the upper left hand corner. Use the double stick tape to adhere the new receive board to the top wall below the top of the standoff height. Line up the LEDs on the new electronic board with your marks. You might have to turn the metal standoff if it is in the way. If you have round standoffs tighten them (clockwise) so they don't spin when installing the new face card. Tape the antenna to the side of the box, make sure the wire is as straight as possible. Do not cut or add to the antenna wire. For emergency override hole you can reposition the contactors below the emergency access hole (adds 10 mins installation time).
10. 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 none of the buttons work reverse the tail. Add a part number and date to the inside of the door "Gr__ date".
11. Turn on the GEM unit you will see the red LEDs flash, it should shine threw the new face card LED holes. The transmitter (7240) was programmed and tested by Gem Remote. To learn new transmitters, press the learn button once. The learn LED will light up. Press the stop button on the remote. The LED should turn off programming is complete. Only three button/yellow transmitters (7240) will work with this unit.

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

Build notes: sp7004-2x tape on back, gem m/s or GFI, tested/dated on back, sph7004 check pins, 7240 programed