# KAWIRE 2007 GR_ - GR_A

LIMIT SWITCH WITH PLASTIC TIP REQUIRED

THE REMOTE SHOULD BE NEWER THAN 3/2007. FACEPLATE NEEDS 3 BLUE BUTTONS.

electronic board **SP-7004**

UP = BLUE
COMMON = BLACK
DOWN = RED
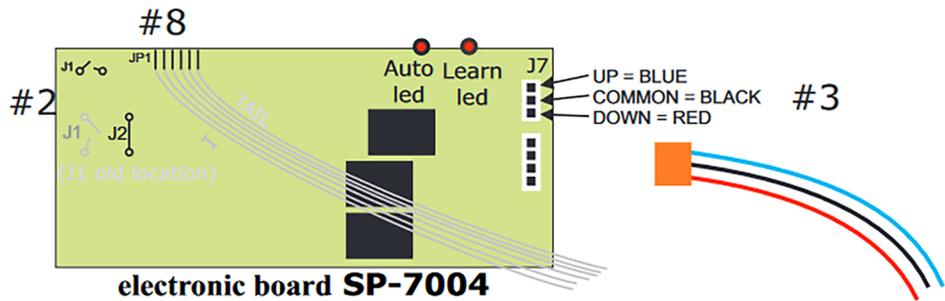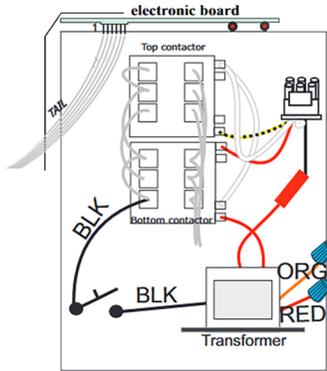
INTRODUCTION

You must follow all steps to ensure proper operation. Failure to do so could result in damage to the remote or boat lift and/or injury to you or someone else. It is very important to have the limit switch attached to the unit to work properly.

⚠️ **IT IS AGAINST NEC** *(NATIONAL ELECTRIC CODE)* **TO HAVE AN AUTO-STOP SYSTEM (RUN) WITHOUT A LIMIT SWITCH.**

TOOLS NEEDED

➕ **PHILLIPS SCREWDRIVER**	➖ **FLATHEAD SCREWDRIVER**
WIRE NUTS *(X3)*	**WIRE CUTTERS**
NEEDLE NOSE PLIERS	**ELECTRICAL TAPE**
DRILL & 5/8 IN. DRILL BIT	**MARKER**
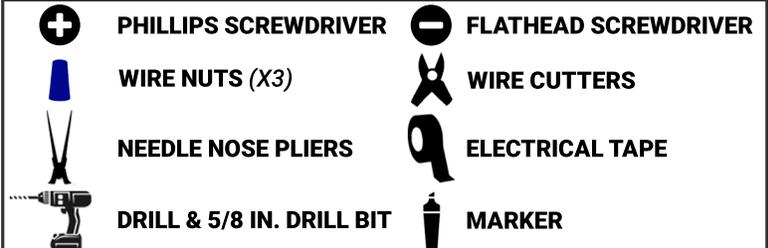
INSTALLATION

1. Check that all motors go up and down when selected using the manual switch. Turn off the unit. Test that the unit is off. Unplug the tail from the face card to the board. Pull-on black housing #1.

2. Cut J1 with wire cutters on the electronic board. *(Not cutting J1 will result in the auto-stop mode not working.)*

3. Press the 3-pin connector into the top (3) pins on the right side of the electronic board.

4. Attach the limit switch to the boat lift according to their instructions.

5. Run the wire from the limit switch back to the remote box. *(You might have to drill a 5/8 in. hole in the bottom of the box.)* Fasten the cord grip. Push the wire through the new hole. Cut off excess wire. *(You should have enough wire to get to the new orange pin (3) wire harness.)*

6. Cut off 3 in. of the black insolation to expose the red, black, & blue wires.

7. Connect wire colors to remote wire colors with wire nuts.

8. Attach the membrane switch tail to the board. JP1 & #1 on the tail match up. #1 should go on the left side of the electronic board. Press the "Learn" button. The learn LED should light up for 6 seconds. If LED does not light, retry the tail. Screwface card to the box.

9. Turn power on. Press Auto-Stop *(Run)* button. The LED should turn on. If it does not, cut J1 and reread instructions. Cycle power and try again. *(J1 in gray is the older board location.)*

10. Turn on the remote. You should see a LED flash. Make sure the lift stops & flashes fast for the up limit and flashes slow when your at the lowest limit. If hooked up backwards, it will stop the first time it hits the limit. If that direction is pressed again, it will run in that direction for 25 seconds and then stop.

11. Your unit is now an Auto-Stop unit. It should run up to the limits when the up or down is pressed one time. Add an "A" to the part number on the door so a GR2 is now a GR2A,. Write the date it changed. The auto-stop light will flash quickly for an up limit and slowly for a down limit. This unit will not work until the limit switches are attached. To Clear memory of all transmitters, press and hold the CLEAR button for seven seconds. The LED will flash then let go of the learn button. Test to see if a transmitter works it should not.