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## *How to set the Galaxy Limit Switch 2-stop, and 3-stop*

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**FAILURE to follow these directions voids all warranties to equipment as written or implied. Galaxy Unlimited LLC will assume NO responsibility to damages that were a result of improper installation or user error.**

**WARNING:** Failure to tighten the retainer screw might allow the limit switch adjustments to move, causing the **LIFT TO NOT STOP**. This could possibly cause damage to the limit switch, lift, and/or the entire system.

Turn off **Main** power to Galaxy Control Box.

You may bypass the limit switch during initial setup by **NOT** connecting the receiver board to the limit switch: **Note:** It is against NEC code to sell or run an Auto-Stop unit without a limit switch. Only Galaxy limit switch systems, are covered under warranty and/or product liability.

1. Turn power on to the Galaxy Control box unit. LED on receiver board should illuminate.

2. Press the up/3 button (depending on your type of controls) and verify the unit moves upward. Stop unit and press the down/1 button to verify the unit moves downward.

(If this function is backwards, this can be resolved at the motor only.) **See Motor Wiring Below.**

2a Reversing motors you will need to turn Main power off.

Open inspection plate on motor and exchange wires #5 and #8.

3. Adjust the lift one foot below the maximum desired **up** limit.

4. Remove limit's top cap by removing the 4 screws.

5. Press up or desired floor on the transmitter and watch the direction that the 4 cams turn. The cams turn very very slowly.

When your lift is at the maximum desired height press stop (or any button.)

6. Now connect the wires from the limit switch to the Galaxy Control. (This will color to color ex. red to red / green to green etc.)

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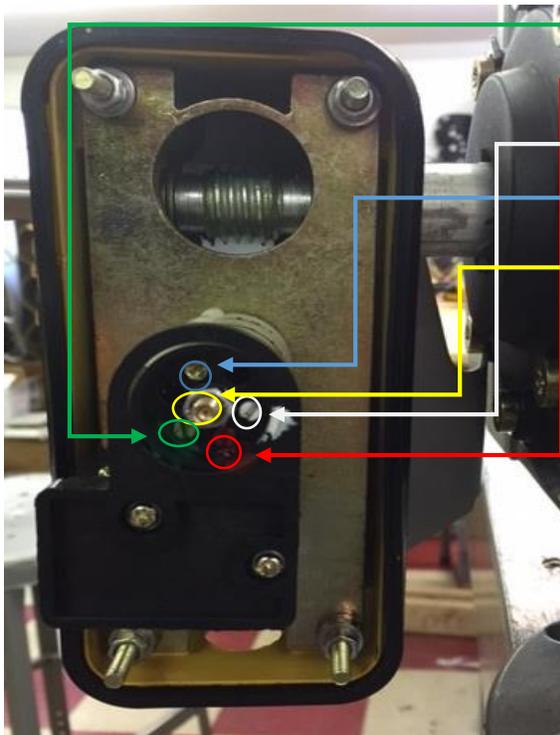
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### Adjustment Procedures:

1. Your lift should be at the maximum desired height. Loosen lock screw as shown in the picture below.
2. Adjust the upper limit using screw. Adjust the screw so the cam hits the micro switch roller arm in the direction that the cam was turning. You will hear a small click (micro switch). If the arm is already on the cam, back it away and move the lift then readjust.
3. Press the up button. The lift should not turn on.
4. Now press the down button on the transmitter. Watch the cams to see that they travel away from the roller switch arm.
5. When the lift is at the lowest point, adjust the bottom cam screw. **Hint; 1/8<sup>th</sup> turn on the adjustment screw is about 6-8 inches of travel. . Re-tighten retainer screw!!!**

Check the up limit to ensure proper operation **check that the lift stops in both directions.**



Green= Ground Floor (1<sup>st</sup>)

Red = Top Floor (3<sup>rd</sup>)

White = Middle Floor (from 1<sup>st</sup> floor to 2<sup>nd</sup> floor)

Blue = middle Floor (from 3<sup>rd</sup> floor to 2<sup>nd</sup> floor)

**Retainer Screw = Must be tighten after limits are set**

Please Note: If you are installing a 2 stop control unit you will only use Green and Red.