

# LIMIT SWITCH OPERATION

## CHANGING THE SCREEN'S UPPER AND LOWER LIMITS PUSH BUTTON LIMIT SWITCHES

Before changing the upper and lower limits of a motorized screen, the following notes are to be considered:

- For standard screen, unless otherwise specified, the factory set drop leader is 6 inches. The maximum drop leader may be increased to 12 inches if desired.
- For tab-tensioned screen, the drop leader is set to the requirement specified with the order. It may be decreased but may not be increased. The tensioned strings along the screen's vertical edges are fixed length and the screen will go into reverse wrapping if the drop leader is allowed to exceed its specified length.
- On Lectric II, III, IV, XL1 & XTC screens. When changing the upper limit, do not allow the Weight Bar to be pulled into the housing higher than shown in Figure 1a. The Weight Bar will jam the screen.
- For screen equipped with trap door, the upper limit of the screen is when the trap door just closed. The Door Close Limit (DCL) switch overrides the motor limit switch.

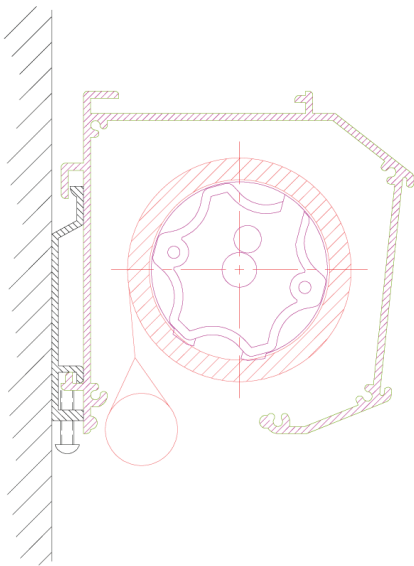


Figure 1a  
*Screen fully up position*

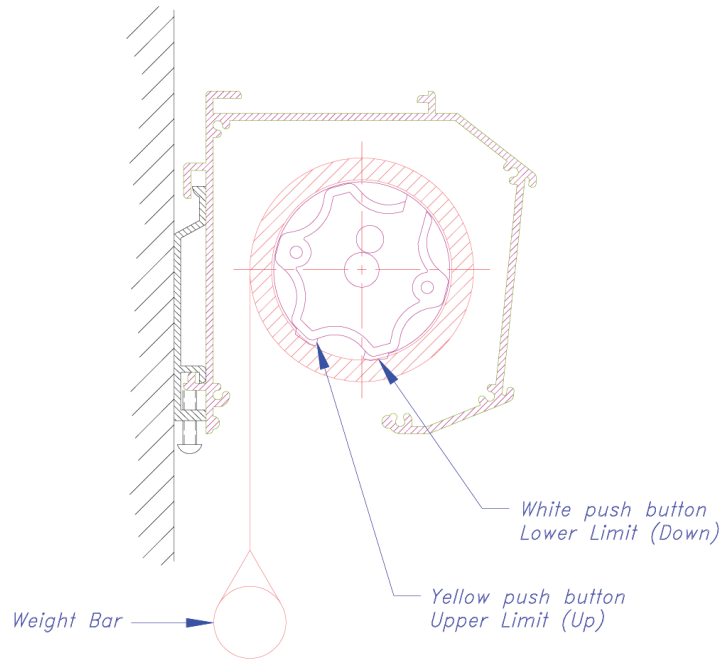


Figure 1b  
*Screen partially down position*

- ♣ The push buttons operate similar to a pen.
- ♣ Button pushed in – no stopping point defined – free running.
- ♣ Button popped out – stopping has been defined.

### CHANGING THE UPPER LIMIT

*The following steps do not apply to screen with trap door!*

- 1 - Send the screen down past the desired upper limit and stop.
- 2 - Press the **Yellow** button in to activate free running mode.
- 3 - Send the screen up to the desired upper limit and stop.
- 4 - Press the **Yellow** button for it to pop out. The desired upper limit is defined.

### **CHANGING THE LOWER LIMIT**

- 1 - Send the screen down to its lower limit.
- 2 - Press the **White** button in to activate free running mode.
- 3 - Send the screen up or down to the desired lower limit and stop.
- 4 - Press the **White** button for it to pop out. The desired lower limit is defined.