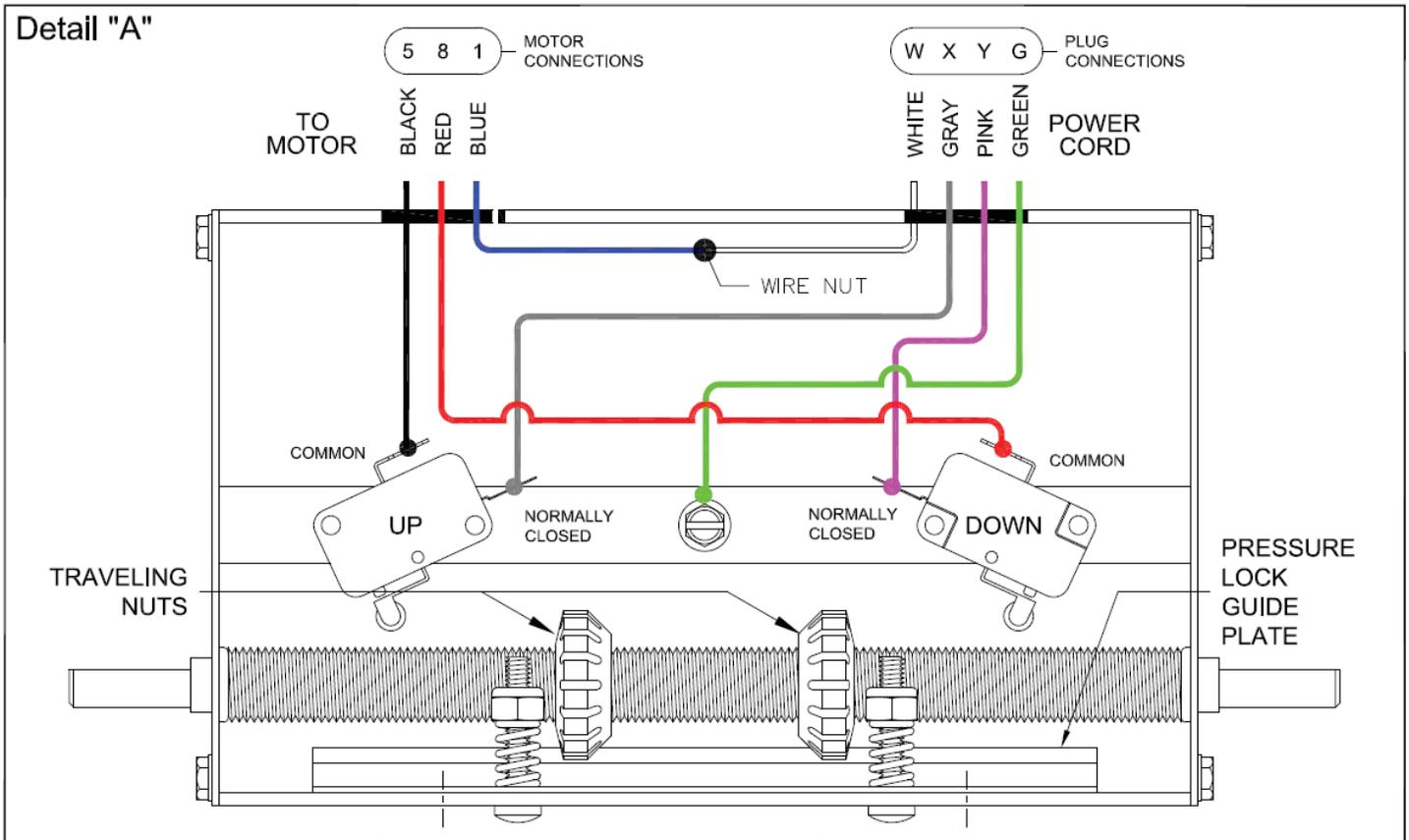


# ADJUSTMENT INSTRUCTIONS

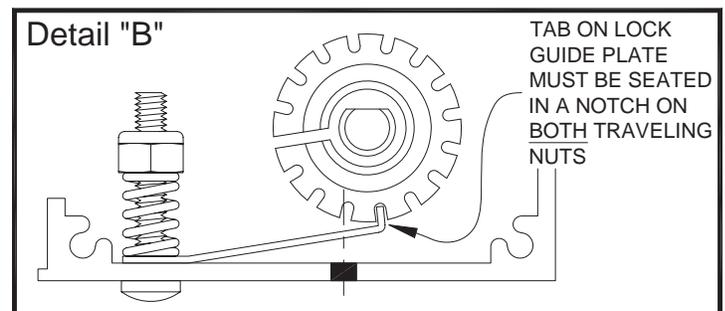
## ROTARY COUNTING LIMIT SWITCH For Curtain Winches



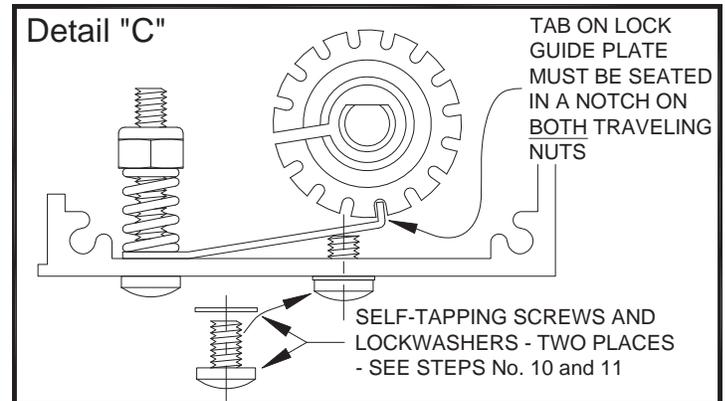
1. Check to ensure there are a minimum of three wraps of cable (or strap) on the line shaft drums.
2. Check to ensure that the hardware that secures the micro switches in the box is fully tightened. **IT WILL NOT BE POSSIBLE TO MOVE THESE SWITCHES** – all adjustments will be made by moving the traveling nuts left or right, as in Steps No. 3 and 5.

**NOTE FOR BATTING / GOLF CAGE ONLY** – The cage frame **must never be allowed to rest on the floor**. If this occurs, the cables will become slack. By allowing too much slack, the cables can "uncoil" around the drums, thereby rewinding with uneven wraps and "exceeding" the upper limit by having additional wraps on the drums. The "DOWN" limits must be set so the cage frame stops **no lower than 3 feet from the floor**.

3. Depress the pressure lock guide plate down (use fingers only – use no tools) and turn the right-hand traveling nut until the "DOWN" limit switch engages (listen for the click) – See Detail "A". Check to ensure that the tab on the pressure lock guide plate engages a notch in the traveling nut – See Detail "B".
4. Using the "UP" key in the key switch (or using a field test cord), raise the backstop to the desired storage position. **IMPORTANT NOTE** – Allow a MINIMUM of 8" clearance to any overhead structure, ceiling, lights, or other equipment.
5. Depress the pressure lock guide plate once again (use fingers only – use no tools) and turn the left-hand traveling nut until the "UP" limit switch engages (listen for the click) – See Detail "A". Check to ensure that a notch in both traveling nuts is seated firmly on the tab on the pressure lock guide plate – See Detail "B".



6. Operate the unit up and down several times, to adjust and fine-tune both the up and down limits, until the limits are set correctly.
7. After all adjustments are made, once again check to ensure that both traveling nuts are seated properly on the tab of the pressure lock guide plate – See Detail "B".
8. Install two #8 x 1/4" lg. self-tapping screws and lock washers into two holes in bottom of limit switch box. These will prevent any future movement of the pressure lock guide plate, prohibiting it from disengaging from the traveling nuts. See Detail "C". Operate unit through one complete up-down cycle to double-check setting.
9. **IMPORTANT NOTE** – If future adjustments are required, loosen the two #8 x 1/4" lg. self-tapping screws installed in step No. 10 above, to allow the pressure lock guide plate to be depressed. Be sure to re-tighten both screws securely after all adjustments are made. See Detail "C".
10. Operate each backstop through **THREE COMPLETE UP-DOWN CYCLES**, to ensure the cable (or strap) has seated properly on its drum. Afterwards, make additional adjustments to the limit switches as required, according to the instructions in Step No. 9 above.



Demonstrate the operation of this unit to an individual at the site who is responsible for the safe operation and maintenance of this equipment. Hand this instruction sheet to that individual, to keep for future reference. Point out the safety concerns and the necessity of using a Porter key switch or control system in the event that same has not been installed.

**⚠ WARNING:** This product can expose you to Vinyl Chloride, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**porter**

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SAVE THESE INSTRUCTIONS FOR FUTURE USE