



## **GATEKEEPER CARGOSCREEN INSTALLATION AND OPERATING INSTRUCTIONS**

### **1. INSTALLATION TOOLS REQUIRED**

- A. Carpenters level**
- B. Appropriate fasteners for substrate screen to be mounted on**
- C. Screw gun or drill**
- D. Tape measure**
- E. Saw to cut metal side tracks to length**

### **2. ELECTRICAL REQUIREMENTS**

- A. Double Pole Double Throw Normally Open 12 volt switch**
- B. 12 Volt DC/ Amp draw: Nominal 0.80 amps Max. draw: 1.20 amps**

### **3. INSTALLATION**

- A. Remove CargoScreen from packaging. The CargoScreen consists of three parts. The cassette containing the screen and two side rails.**
- B. Center the cassette over the opening to be covered. The mounting flanges at each end should be touching the wall. Once level, fasten in place using appropriate fasteners in the mounting flanges at both ends of the cassette (two screws per mounting flange)  
Critical Note: Review your 12 volt wiring requirement positioning before mounting cassette to wall to insure proper alignment of wiring. (Right side)**
- C. The next step will be to install the side rails. Measure the distance from the bottom side of the cassette to the floor. Subtract 1/8" from your measurement; this will be the length you will cut the side rails at. Cut rail and position it between the cassette and the floor to ensure fit.**
- D. Side rails are positioned with mounting flange against wall and opening facing inward. Slide side rail into slotted end cap on the bottom rail and position it in a standing**

position with the top of side rail meeting bottom of cassette and the bottom of side rail resting on the floor. The side rail should be in a straight up and down position at this point.

- E. At this point you need to attach the motor to a 12 volt power supply. Attach the blue stripped wire to the (+) positive lead on the power supply coming out of the 12 volt switch and the solid white wire to the (-) lead on the power supply coming out of the 12 volt switch. Refer to electrical requirements for switch specification.
- F. Motor should now be wired and power source should be on. Side rails should be free hanging with slotted end caps holding them in an upright position.
- G. Lower the bottom rail on the cargo screen until it is even with the mounting screw hole located half way down on the side rail.
- H. At this point the side rails will be fastened to both sides of the opening, appropriate fasteners should be used to ensure a secure fit.
- I. The CargoScreen should be closed half way with the bottom rail even with the center mounting screw holes on the side rail. Both side rails should be in an upright position and slide into the slotted end caps on the bottom rail.
- J. Position the first side rail so it is centered inside the slotted end cap, rail should not be touching any surface of the slotted end cap. Install a fastener in the center mounting hole on the side rail. Repeat this procedure for the second side rail.
- K. Raise the CargoScreen to the open position and again center the side rail in the slotted end cap and secure. Repeat on second side rail.
- L. Lower CargoScreen to the bottom of the side rails and again center rail in slotted end cap and secure. Repeat on second side rail.

#### 4. PROGRAMMING

- A. A top or bottom limit might need to be reset if the CargoScreen does not travel all the way to the floor or doesn't come up all the way to the top position. To complete this programming step follow the instructions listed below.
- B. The motor for the CargoScreen is located on the right hand (facing) side of the cassette, remove the plastic end cap on the cassette to view the wiring and learning key. The learning key is a small plunger style switch attached to the end of two wires and should be in view once the plastic end cap is removed.
- C. To reset the limits on the CargoScreen, while operating the CargoScreen in an up or down position you need to press and hold the learning key until the motor "beeps" three times.(approx 6 seconds) Immediately stop operation of the shade and release the learning key once the 3 "beeps" occur. You are now ready to set the lower limit on the cargo screen.
- D. Lower the shade until it is close to the bottom position you desire and release switch. You can now fine tune the bottom location by pressing the down position on the switch and the shade will do micro movements each press of the switch until you have reached the desired location. Critical note: Do not allow motor to continue running after the bottom rail has reached the lowest position; failure to stop motor can result in fabric damage.
- E. Once the CargoScreen lower position has been reached, you need to press the "up" switch. The motor will beep and the bottom limit has been set. To set the upper limit you raise the shade until it is close to the top position and stop. Again you can press the "up" switch and the shade will do micro movements until you have reached the desired location. Critical note: Do not allow motor to continue running once cargo screen has reached the full open position, failure to stop motor can result in fabric damage.
- F. Once CargoScreen upper position has been reached you need to press the "down" switch. The motor will beep and the upper limit has been set.
- G. Any time a limit is reset you must follow the complete programming instructions as written, both limits must be reset at the same time.



## TROUBLE SHOOTING

<b><u>PROBLEM:</u></b>	Bottom rail on screen hangs up as it is going down.
<b><u>SOLUTION:</u></b>	Slotted end caps dragging on side rails. Adjust side rails as described in mounting instructions.
<b><u>PROBLEM:</u></b>	Edge of screen comes out of side tracks.
<b><u>SOLUTION:</u></b>	Do not lean or push on screening. Open cargo screen completely then close again screen will realign itself.
<b><u>PROBLEM:</u></b>	CargoScreen does not go all the way up or down.
<b><u>SOLUTION:</u></b>	Top or bottom limits need adjustment. Refer to PROGRAMMING INSTRUCTIONS.

## **OPERATING CONDITIONS:**

High winds can affect the operation of the Cargo screen; it is recommended you do not use the Cargoscreen during high wind conditions. Pushing on screen or bottom rail during operation can result in binding or uneven wrap of screen material, do not push on or lift bottom rail during operation of Cargoscreen.

