



# VERTICOOOL

## MOTORIZED INSTALLATION INSTRUCTIONS

Est. 1941  
**SugarHouse**  
INDUSTRIES

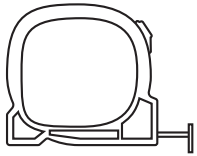
**801-563-9600**

Monday-Friday: 8:00 AM - 5:00 PM  
Saturday - Sunday: Closed

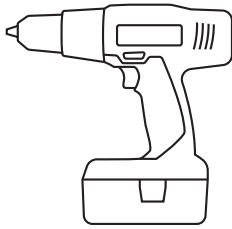
[www.SugarHouse.us](http://www.SugarHouse.us)

Number of people needed to install: 2

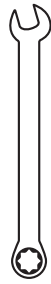
**TOOLS/EQUIPMENT REQUIRED:**



Tape Measure



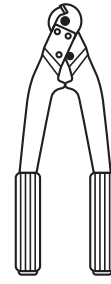
Tape Measure



1/2 Wrench



7/16th Ratchet  
or Wrench



Cable Cutters



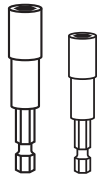
Phillips  
Screwdriver



Level



Pliers



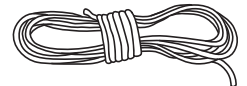
7/16 and 3/8  
Hex Driver



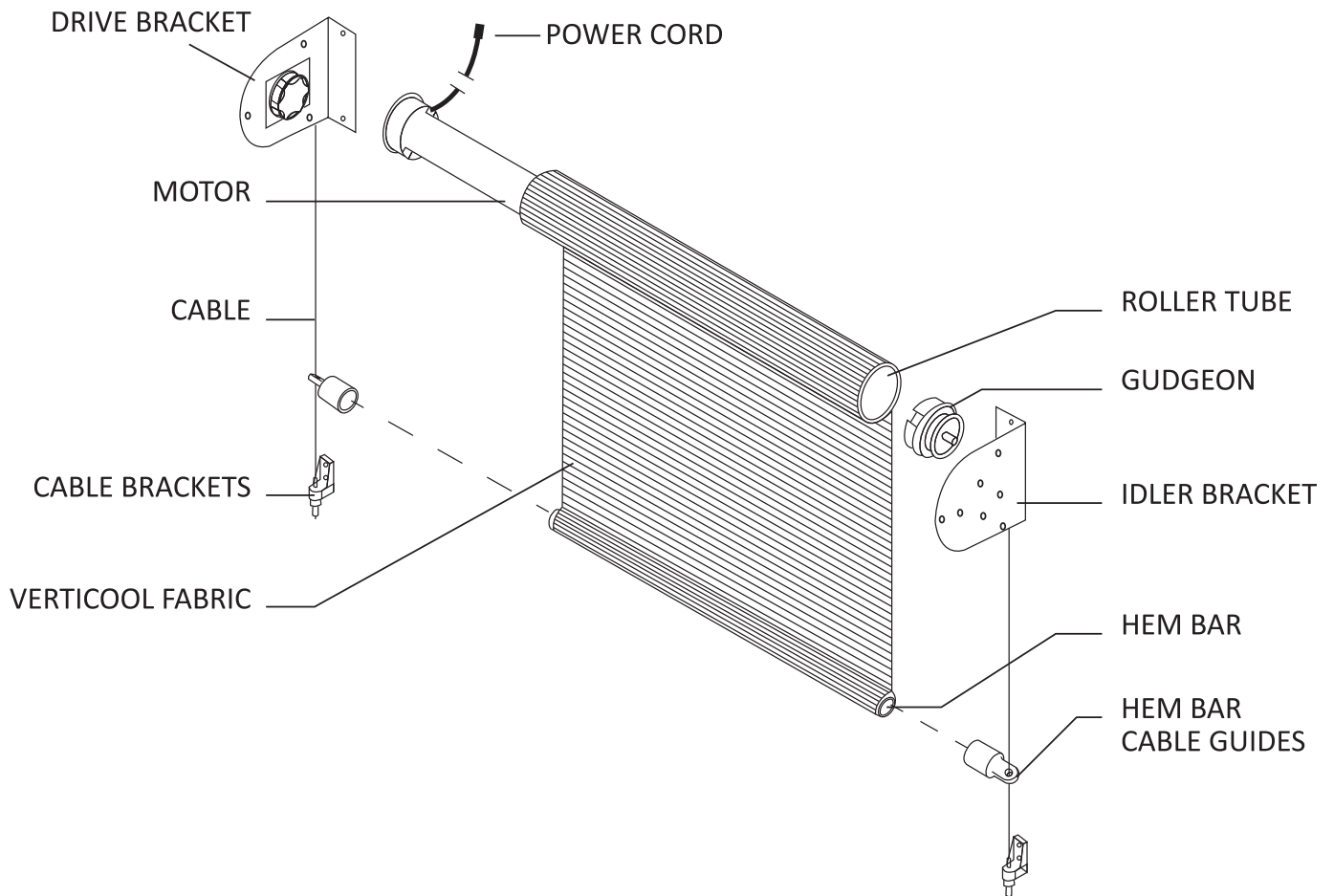
1/8 and 3/16  
Drill Bits



2 Ladders



Heavy String  
or Light Rope





## **PART 1: MOUNTING THE END BRACKETS.**

Use the width of your Verticool to determine the mounting location of your end brackets. If your shade measures 96" you will mount the end brackets 96" apart from the outer edge of each bracket. Mount the Drive Bracket on the side designated for the motor and power cord. Level your brackets using your level to ensure your Verticool will work properly. You will need to use a string level if the mounting surface isn't level. If the brackets are not mounted level with each other the Verticool will not function. Each bracket requires (2) 1/4" hex head screws with washers. Use a 3/16" drill bit to prevent splitting.



Idler Bracket



Drive Bracket

**Note:** Side of the Drive Bracket is determined by which side the motor will be installed on.

## **PART 2: INSERTING THE VERTICOOL INTO THE BRACKETS.**

**Step 1:** Remove the security clip from the drive bracket and Idler bracket. Insert the drive end into the drive bracket and secure with security clip. The cords should exit the back of the bracket.



**Step 2:** Slide the idler end into the idler bracket and secure with security pin. Adjust the gasket until in contact with the roller tube to prevent tube from free floating.



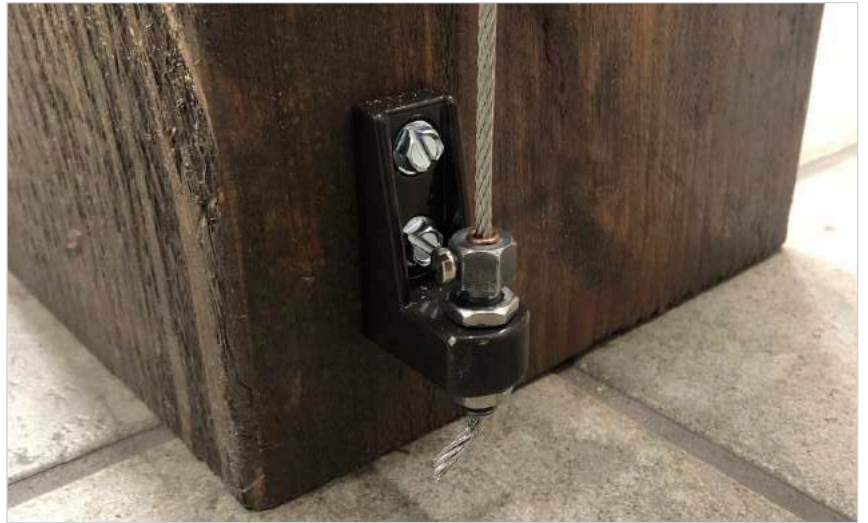
### **PART 3: INSTALLING THE CABLE GUIDES.**

**Step 1:** Run the cable through the cable bracket before leveling the cable. Use the bracket to level the cable and mark the location of the cable bracket. Repeat this step for the opposite side. Once you have the location of the cable brackets mark the holes for easier installation.



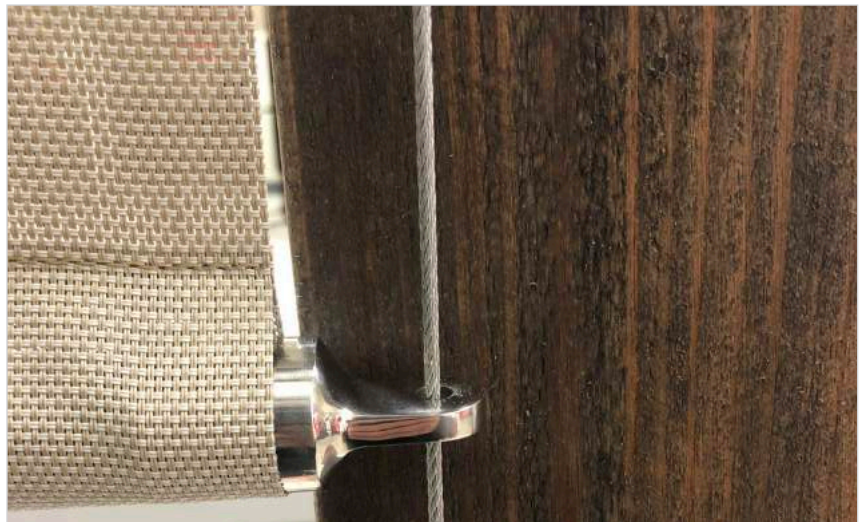


**Step 2:** Remove the cable from the cable guide before attaching the cable brackets. Attach the cable brackets where you marked your holes. Use a 1/8" drill bit to prevent splitting.



#### **PART 4: TENSIONING THE CABLES.**

**Step 1:** Thread the cables through the hem bar.



**Step 2:** Thread the cables through the cable guide brackets. Pull the cables tight and use a flat head screwdriver or a 5/16" socket to tighten the crimping bolt.

**Step 3:** Once you have the cables leveled and your brackets installed, pull the cable taught from the bottom of the bracket and use your flat head screwdriver or 7/16" hex driver to clamp the cable securely into the cable clamp. Take care during this step, the cables cannot be unclamped once this process has been completed.

**CAUTION: CAREFUL NOT TO OVER TIGHTEN THESE SCREWS OR THEY WILL SHEAR AND NEED TO BE REPLACED.**

**Step 4:** Using your 1/2" open end wrench and pliers tighten the tension nut on the bottom of the cable clamp to tighten the cables. Approximately 4-5 turns should be enough. Using the lock nut on the top of the cable clamp, lock the cable clamp in place. Cut off the excess cable using your cable cutters.



## **PROGRAMMING YOUR REMOTE AND SETTING THE LIMITS.**

When programming the remote follow the starred (\*) steps and methods first before attempting others.

## **QUICK GUIDE TO WSER UNIVERSAL SERIES PROGRAMMING.**

If more information is required, refer to the original instructions. All sequences must be completed within 10 seconds.

### **ASSIGNING A REMOTE TO A MOTOR.**

**\*Method 1.** Apply power to the motor (motor will jiggle), Press up and down together and release, press stop once (motor will jiggle if successful) Only works for first remote assigned to motor.

**Method 2.** Quickly tap red button on motor (motor will jiggle), Press up and down together and release, press stop once (motor will jiggle if successful). This method will work anytime.

**Method 3.** (must already have a remote assigned). Using first remote. Press up and down together and release, press stop 8 times (motor will jiggle if successful), then pick up second remote and Press up and down together and release, press stop once (motor will jiggle if successful). The extra remote (or channel) is now assigned.

### **CHANGING THE MOTORS DIRECTION.**

**Method 1.** Press up and down together and release, press stop 6 times, press down.

**Method 2.** Press and hold the red button on the motor for 3 seconds until motor jiggles.

### **ENTER STEP BY STEP MODE (MOVES IN SMALL INCREMENTS).**

Press up and down together and release, press stop once, press up. Exit step by step mode (moves normally). Press up and down together and release, press stop once, press down.

**\*Set Upper Limit:** Press up and down together and release, press stop twice, press up.

**\*Set Lower Limit:** Press up and down together and release, press stop twice, press down.

**Set Third Limit:** Press stop 4 times in succession. Hold stop for 2 seconds to access third limit once set.

**Delete Upper Limit:** Press up and down together and release, press stop 4 times, press up.

**Delete Lower Limit:** Press up and down together and release, press stop 4 times, press down.

### **DELETING REMOTE CONTROLS**

**Delete the entire remote control you are holding from the selected motor.** Press up and down together and release, press stop 7 times, press up.

**Delete all remote controls from the selected motor.** Press up and down together, press stop 6 times, press up.