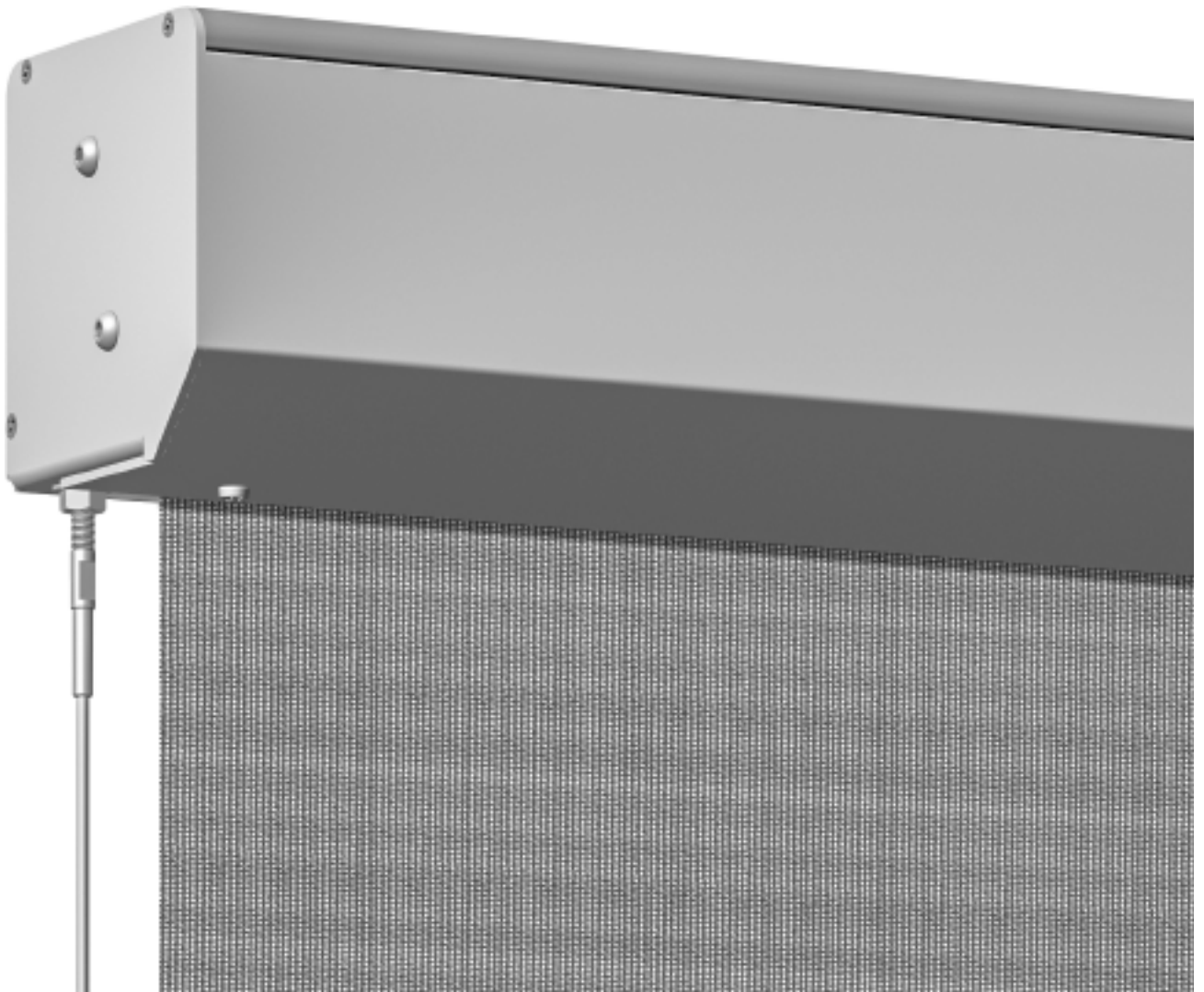
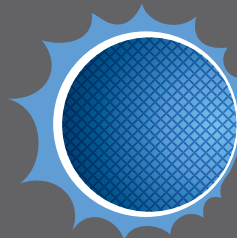


motorized box

# EXTERIOR CABLE GUIDE SHADE SYSTEM



STANDARD OR HEAVY DUTY INSTALLATION INSTRUCTIONS



**SUN CONTROL**  
RETRACTABLE SHADES  
*America's Shade Experts*

# TOOLS NEEDED

## INSTALLATION

### TOOLS FOR ASSEMBLY

- Drill
- Measuring Tape
- Pencil
- Bullet Level
- 2 ft Level
- 4 mm Allen Key
- 4.5 mm Allen Key
- Plumb Line
- 1/4" Masonry Drill Bit
- 3/8" Masonry Drill Bit
- Hammer
- #1 Phillips Screw Driver
- 7 mm Socket
- 7/16" Wrench
- Appropriate Tool for Fasteners

### HARDWARE PROVIDED (PER SHADE)

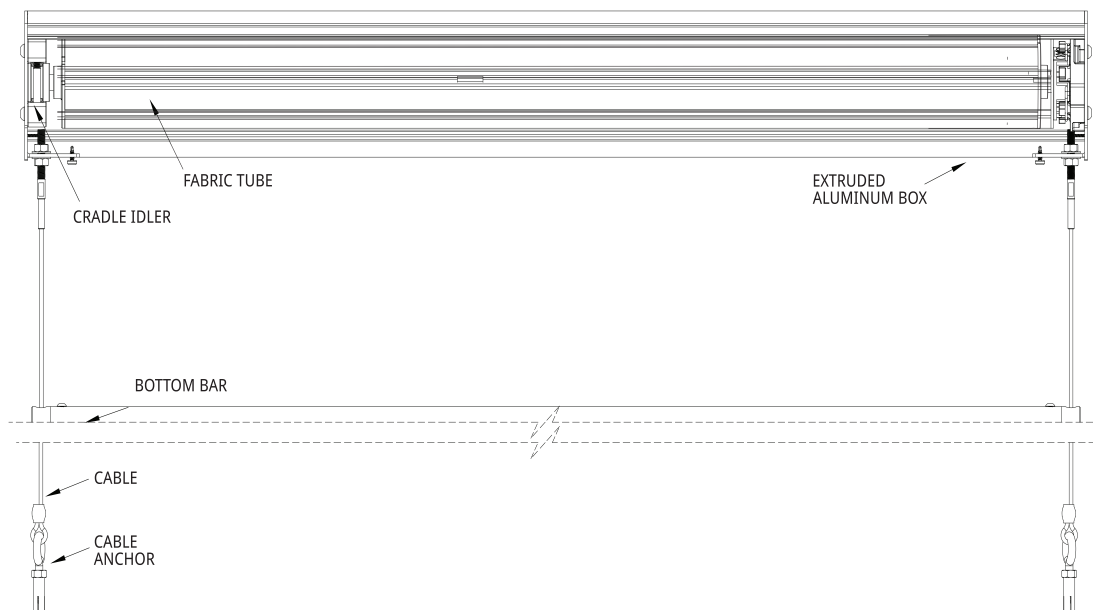
- End Caps (2)
- Top Back of Box Piece
- Box Hood
- Motor
- Star Bracket
- Cable with Tension Rod (2)
- Cable Anchors (2)
- Eye Bolts (2)
- Shade Tube (1)
- Simplex Cable Fastener (2) or Swagable Ferrules (2)

#### NOTE:

##### *Hardware needed*

- 5/16" X 4 1/2" Lag Screws or Appropriate (4 per shade)
- 3/8" Flat Washers or Appropriate (4 per shade)

### COMPONENTS

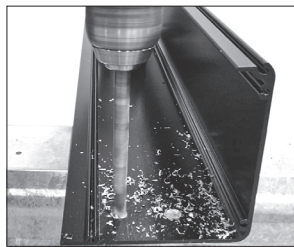
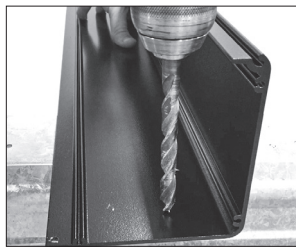


# STEP 1

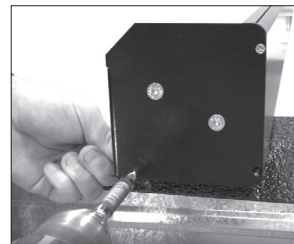
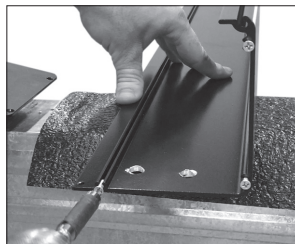
## SHADE COMPONENTS

### PREPARE BACK OF BOX

- Mounting holes on box should be evenly spaced and marked at 1 1/4" from each end.
- Drill 2 mounting holes using a 3/8" metal drill.
- Repeat on opposite side.



- Use screws installed in the top back box piece to install end caps on top back box piece.



*Before you begin* Remove parts from packaging

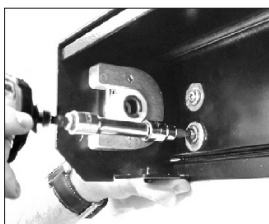
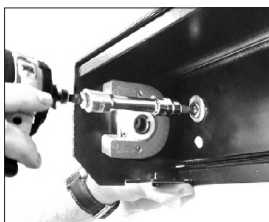
- ⚠ These instructions represent a Surface mount installation.
- ⚠ Surface mount holes are drilled on the back of the top back box piece and Under mount holes are drilled on the top of the top back box piece.

### NOTE:

⚠ 2 person job

### HANG BACK OF BOX

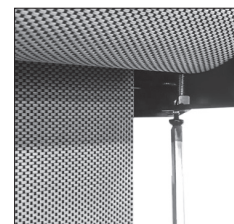
- Hold top back box piece to surface, drill holes and secure lag screw with washer in top hole.
- Level top back box piece.
- Once top back box piece is secure, bolt 2 bottom lags and washers on each side.



- Remove and set aside hood screws under end caps on both sides.

### ⚠ INFORMATION

Install bolts in upper corner of top back box piece away from the center.



# STEP 2

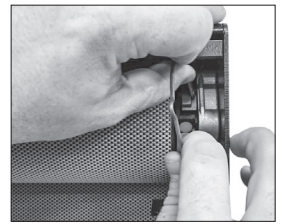
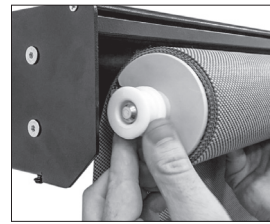
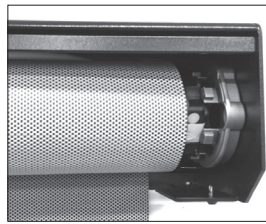
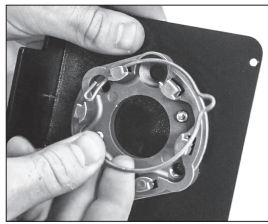
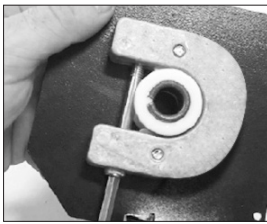
## SHADE COMPONENTS CONT.

### INSTALL FABRIC TUBE

- Remove bolt from cradle idler and place white bearing in non-operational pin end.
- Remove motor clip from star bracket on operational end cap, set aside.
- Insert fabric tube, operation side first into end caps.
- Replace bolt into cradle idler to lock into place.

### NOTE:

- ⚠ 2 person job
- ⚠ For easier handling of shade, temporarily remove bottom bar until indicated.



# STEP 3

## CABLE COMPONENTS

### INSTALL CABLE ANCHORS

- Hang plumb line from end cap to mounting surface.
- Mark spot.
- Drill hole down 1 1/4" using 1/4" masonry drill bit.
- Re-drill hole using 3/8" masonry drill bit.
- Insert anchor. Tap anchor down to be leveled with surface.
- Use #1 Phillips screw driver or 3/16" punch to drive anchor downward until it bottoms out.
- Screw eye bolt into install anchor.

Repeat process on other side.

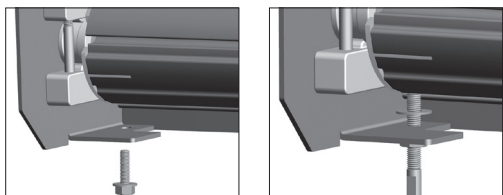


# STEP 4

## CABLE COMPONENTS CONT.

### INSTALL CABLE GUIDE

a. Insert threaded rod into end cap through hole in bottom of end cap.



b. Insert washer and thread top nut.

c. Finger tighten top nut. Leave approx. **6 threads** exposed above nut.

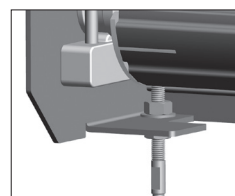
### ! INFORMATION

Be sure cable is inserted into eyelet

Repeat process on other side.

d. Roll shade down. Insert bottom bar.

e. Pass cable through installed eye bolt and use simplex cable fastener.



### ASSEMBLE SIMPLEX CABLE FASTENER

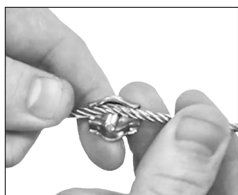
a. Pass cable through clip on one side of screw thread.

b. Create a loop in the cable.

c. Pass back through clip on opposite side of screw thread.

d. Place plate and nut over screw thread.

e. Tighten nut using appropriate hardware.



Repeat process on other side.



OR

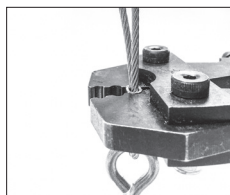
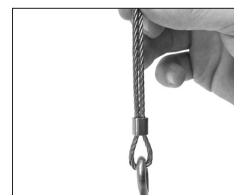
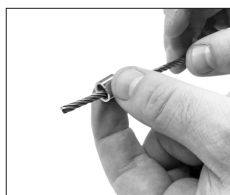
### SWAGE CABLE

a. Pass cable through cable ferrule.

b. Loop through installed eye bolt and back to ferrule.

c. Use swaging tool to swage the bottom and the top of the ferrule.

d. Use cable cutters to remove excess cable.



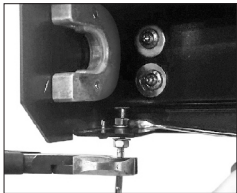
Repeat process on other side.



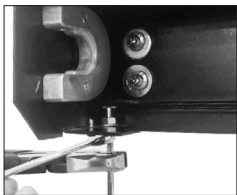
# STEP 5

## CABLE COMPONENTS CONT.

### TENSION CABLE GUIDE



a. Hold cable tension rod while tightening top nut using appropriate hardware until desired tension.



b. Tighten bottom nut to secure tension.

#### **!** INFORMATION

The cable should be taut, having no slack.

Repeat process on other side.

### INSTALL BOX HOOD

#### NOTE:

**!** Before securing box hood, rotate gear to lie vertical.

a. Set the box hood into groove on the top of the top back piece of the box and hinge to set into place.



b. Use the 2 hood screws removed from the end caps on the top back box piece to secure box hood.



### OPERATE SHADE

a. Run shade up and down a few times by pressing the up and down arrows on the provided remote to be sure there are no adjustments needed.

# ENJOY THE SHADE