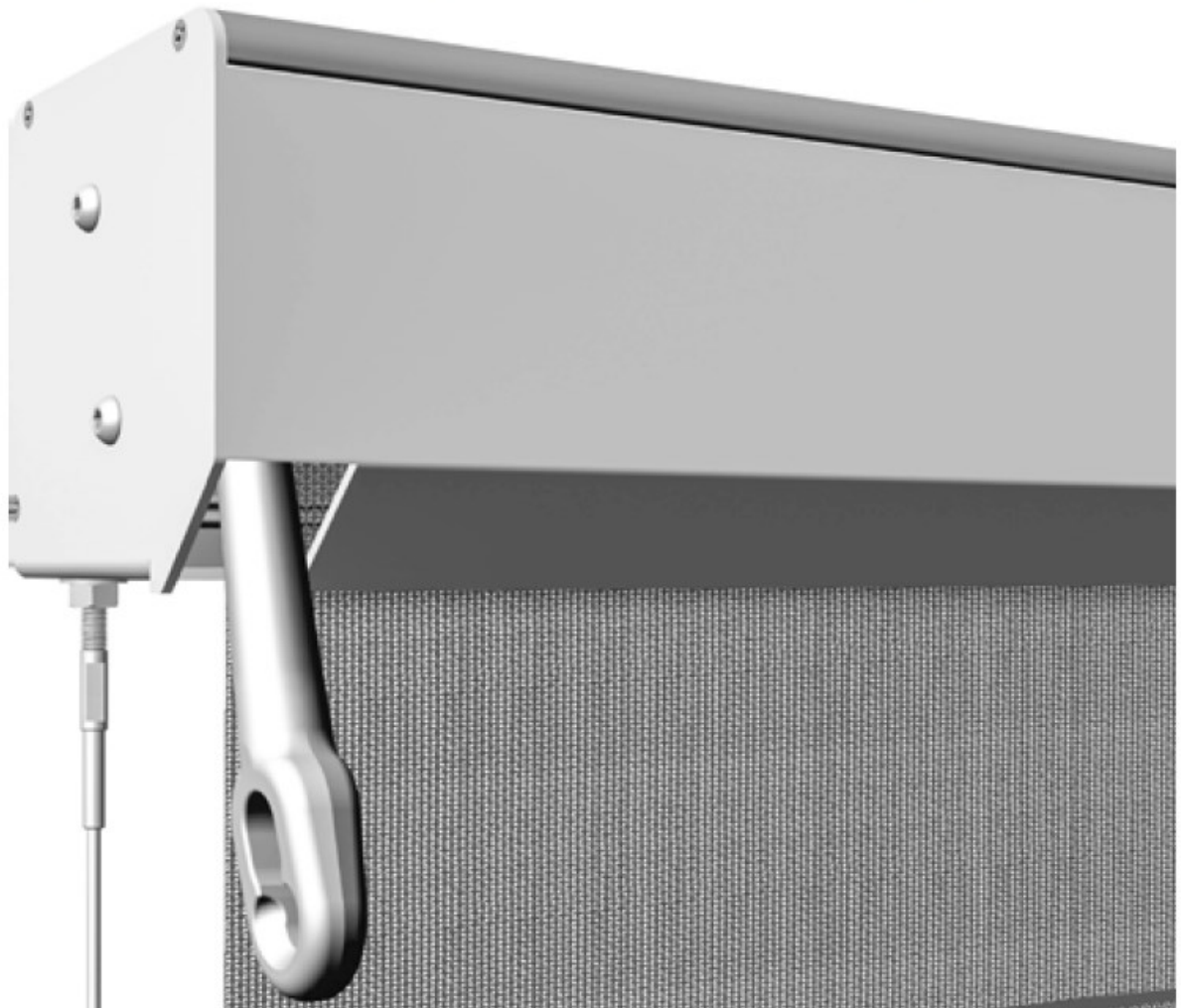


manual box

EXTERIOR CABLE GUIDE SHADE SYSTEM



STANDARD OR HEAVY DUTY INSTALLATION INSTRUCTIONS

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
- $\frac{1}{4}$ " Masonry Drill Bit
- $\frac{3}{8}$ " Masonry Drill Bit
- Hammer
- #1 Phillips Screw Driver
- 7 mm Socket
- $\frac{7}{16}$ " Wrench
- Appropriate Tool for Fasteners

HARDWARE PROVIDED (PER SHADE)

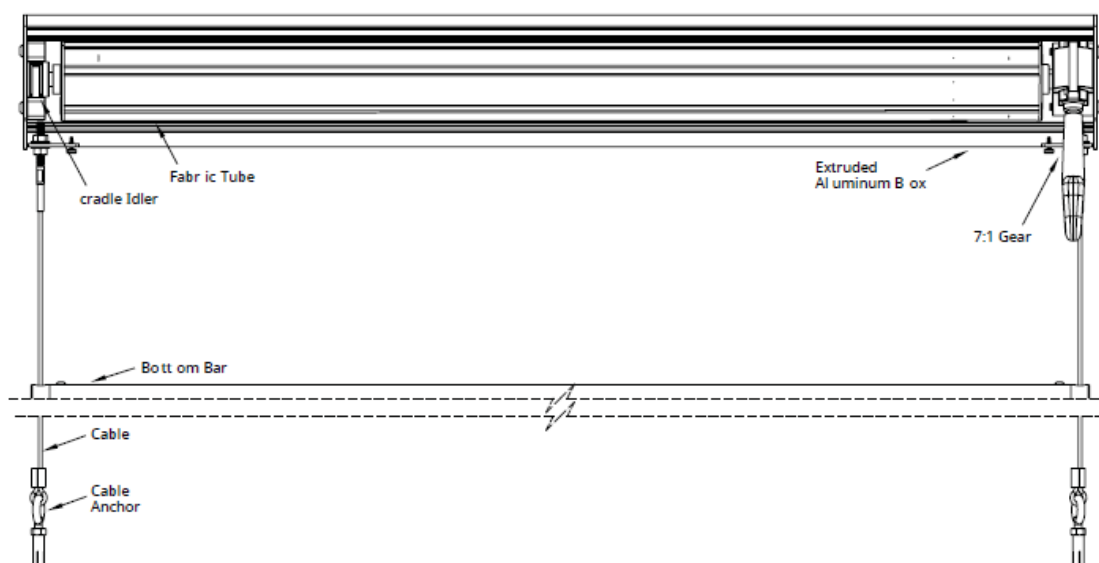
- End Caps (2)
- Top Back of Box Piece
- Box Hood
- Gear (1)
- Gear Bolts with Lock Washers (2)
- Cable with Tension Rod (2)
- Cable Anchors (2)
- Eye Bolts (2)
- Hand Brace (1)
- Shade Tube (1)
- Simplex Cable Fastener (2)
or Swagable Ferrules (2)

NOTE:

Hardware needed

- $\frac{5}{16}$ " X 4 $\frac{1}{2}$ " Lag Screws or Appropriate (4 per shade)
- $\frac{3}{8}$ " Flat Washers or Appropriate (4 per shade)

COMPONENTS



STEP 1

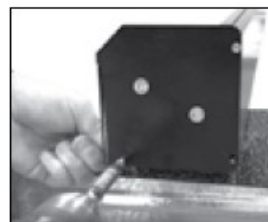
SHADE COMPONENTS

PREPARE BACK OF BOX

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



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



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

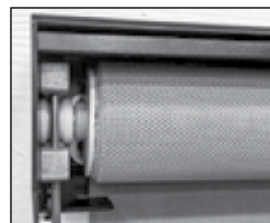
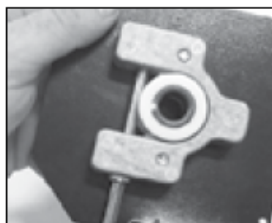
SHADE COMPONENTS CONT.

INSTALL FABRIC TUBE

- Remove bolt from cradle idler and place white bearing in non-operational pin end.
- 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.

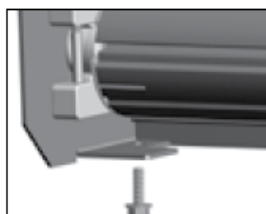


STEP 4

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

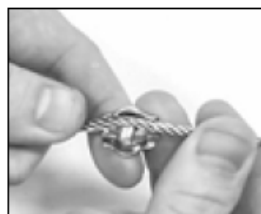


Repeat process on other side.

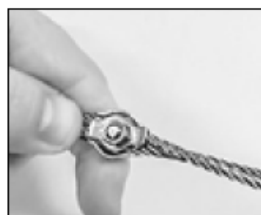
- d. Roll shade down. Insert bottom bar.
d. Pass cable through installed eye bolt and use simplex cable fastener.

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.

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.

Repeat process on other side.

! INFORMATION

The cable should be taut, having no slack.



STEP 5

SHADE COMPONENTS

INSTALL BOX HOOD

- Set the box hood into groove on the top of the top back piece of the box and hinge to set into place.
- Use the 2 hood screws removed from the end caps on the top back box piece to secure box hood.



NOTE:

- ⚠ Before securing box hood, rotate gear to lie vertical.



OPERATE SHADE

- Place hand brace into gear.
- Rotate hand brace one direction to rise.
- Rotate opposite direction to lower.

ENJOY THE SHADE