

BABY/GRANDE CABLE GUIDED SHADE SYSTEM

HOUSING BOX, CRANK OPERATED
INSTALLATION INSTRUCTIONS




NORTH SOLAR SCREEN
RULE THE SUN™

866-230-4700

TOOLS NEEDED

INSTALLATION

TOOLS FOR ASSEMBLY

- Drill
- Measuring Tape
- Pencil
- Bullet Level
- 2 ft Level
- Lithium Grease
- 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
- T 15 Screw Driver or Bit.

Optional (only if swaging cables instead of simplex fastener)

- Swagable Ferrules (2)
- Swaging tool

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)

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

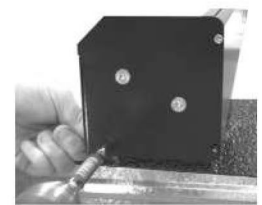
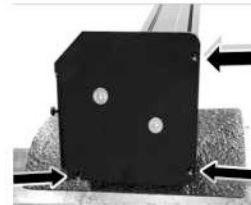
SHADE COMPONENTS

PREPARE BACK OF BOX

- Mounting holes on box should be evenly spaced and marked at
Baby Grande: 1 1/4" from each end
Grande: 2" 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.
 - Remove the screws with T 15 screw driver or bit
 - Align bracket up to screw holes and secure bracket with the screws you just removed
- Repeat the process on the idler end



NOTE:

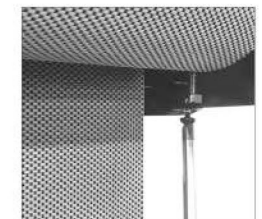
⚠ 2 person job

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

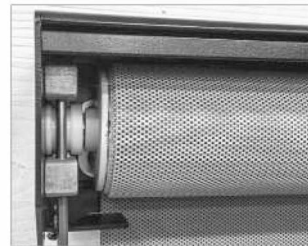
SHADE COMPONENTS CONT.

INSTALL FABRIC TUBE

- Remove bolt from cradle idler. Add lithium grease to bearing. Place white bearing in non-operational pin end.
- Starting on gear end, insert square pin end of shade tube into hole in end cap bracket
- On opposite side, slide round pin end of tube into idler end cap slot.
- 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 until its tight & flush with mounting surface
- Repeat process on other side.

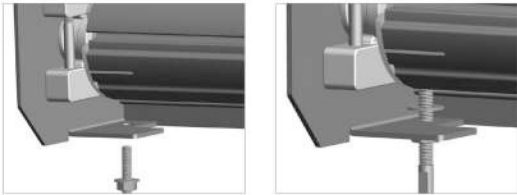


STEP 4

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.

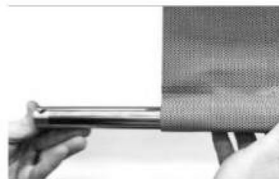
- c. Finger tighten top nut. Leave approx. **6 threads** exposed above nut.

! INFORMATION

Be sure cable is inserted into eyelet

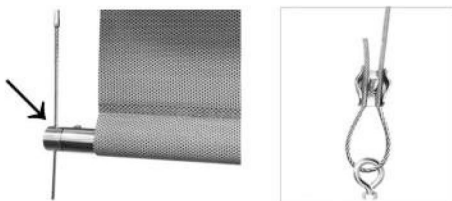
Repeat process on other side.

- d. Roll shade down. Insert bottom bar.



ASSEMBLE SIMPLEX CABLE FASTENER

- a. Pull cable through bottom bar eyelet and eyebolt
b. Press the cable on either side of the screw thread, forming a loop



- b. Place plate and nut over screw thread. Push simplex fastener down as close to eyebolt as possible



- c. Tighten nut using 7mm socket. Trim excess cable



Repeat process on other side.



OR

SWAGE CABLE

**MUST HAVE
SWAGING
TOOL & FERRULES**

- 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

SHADE COMPONENTS

TENSION CABLE GUIDE



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



- 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.

- 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.



OPERATE SHADE

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

ENJOY THE SHADE

OPTIONAL WALL MOUNT BRACKET

WALL MOUNTED CABLE BRACKET

a. Disassemble the wall mount cable bracket by removing the bottom nut.



b. Using cable bracket hole, hang plumb line & mark the mounting surface.

Make sure plumb line lands on bottom hole of wall mount cable Bracket.



c. Mark holes on wall mount cable bracket to the desired position.

Ensure the bracket is leveled and secure.



d. Reassemble the wall mount cable bracket

Insert eye bolt in the bottom hole then re-thread bottom nut

Tighten using 7/16 wrench



See page 5 for simplex cable fastener installation

Call us with any questions you may have

866-230-4700