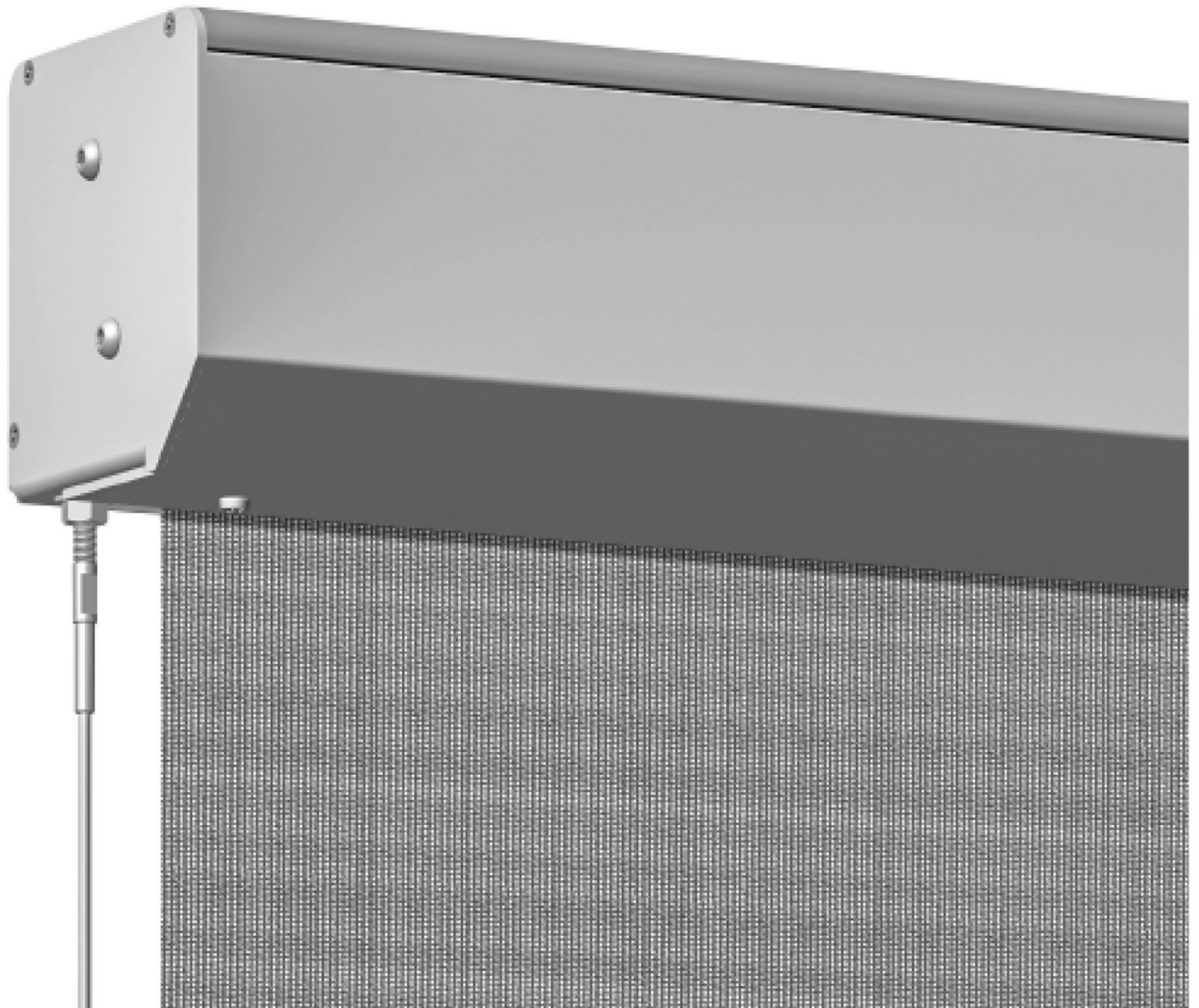


BABY/GRANDE CABLE GUIDED SHADE SYSTEM

HOUSING BOX, MOTORIZED
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)

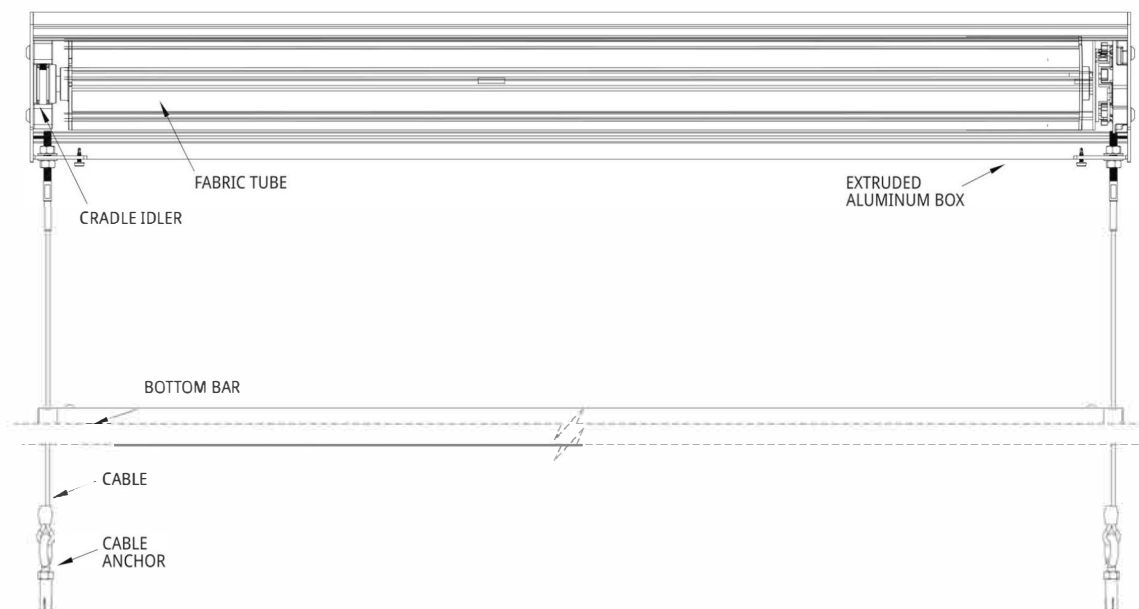
- End Caps (2)
- Top Back of Box Piece
- Box Hood
- Motor
- Star Bracket
- Cable with Tension Rod (2)
- Cable Anchors (2)
- Eye Bolts (2)
- Shade Tube (1)
- Simplex Cable Fastener (2)

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

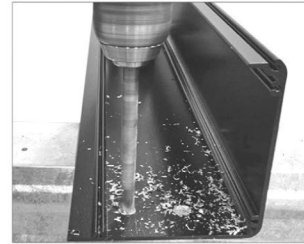
SHADE COMPONENTS

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.

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.
- ⚠ Before starting, ensure that neither part of the housing is bent and that they fit together by assembling just the front and back on the floor.



DRILL HOLE FOR POWER CORD

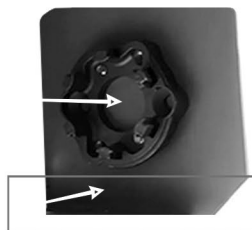
- On motor side drill a hole for power cord. Be sure wire will not interfere with operation of shade. Wire hole **MUST** be sealed with caulk to prevent water damage. Don't forget to form a drip loop with the power cable. **See possible options below**

Face Mount



Top corner of box

Face Mount or Under Mount



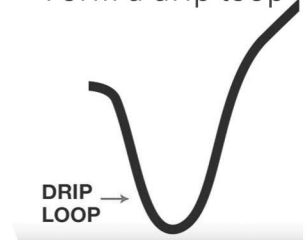
Bottom section or middle of end cap

Under mount



Back lower corner of box

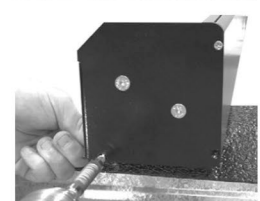
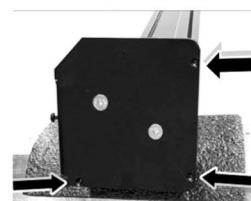
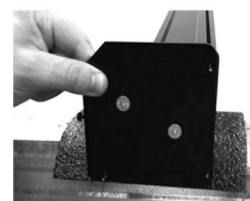
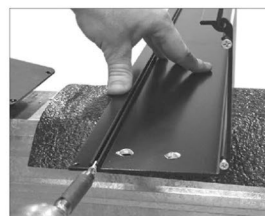
Form a drip loop



Either outside box or inside box

ATTACH END CAPS

- Use screws installed in the top back box piece to install end caps on top back box piece.
- Remove the screws with T15 screw driver or bit
- Align end cap up to screw holes and secure end cap with the screws you just removed



STEP 2

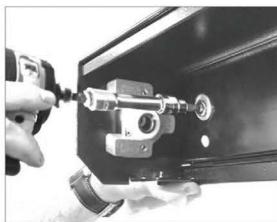
SHADE COMPONENTS CONT.

NOTE:

⚠ 2 person job

HANG BACK OF BOX

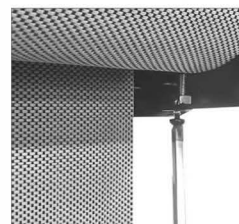
- Hold top back box piece to surface, drill holes and secure lag screw with washer in top hole.
- Level top back box piece.
- Once top back box piece is secure, bolt 2 bottom lags and washers on each side.



⚠ INFORMATION

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

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



STEP 3

SETTING UP THE ROLLER

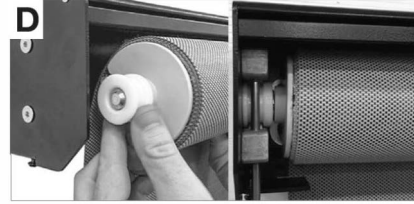
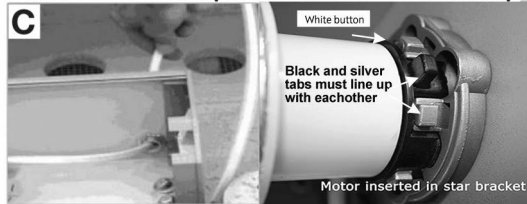
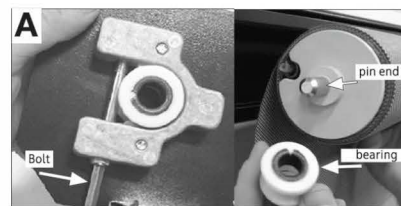
INSTALL FABRIC TUBE

- Remove bolt from cradle idler. Add lithium grease to bearing. Place white bearing in non-motor side pin end.
- Remove motor clip from star bracket on the motor end cap, set aside.
- Pull motor wire through hole & insert fabric tube, motor side first, into endcaps.
Make sure white button is visible (For XQ5 Motor only).
Make sure the black motor tabs and silver tabs bracket tabs are in line with each other.
- Place idler bearing into cradle & replace bolt to lock in place.

NOTE:

⚠ 2 person job

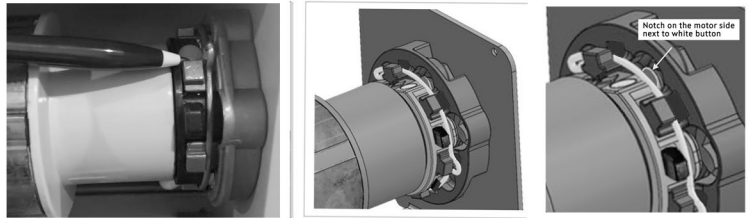
⚠ For easier handling of shade, temporarily remove bottom bar until indicated.



STEP 3 CONT.

INSERT THE SPRING CLIP

- e. After fabric tube is installed, replace motor clip over star bracket. *Motor clip must be correctly seated to prevent shade dropping from bracket and damaging motor*



Make sure the roller is locked into the star bracket with the clip before going any further. Gently pull side to side to make sure roller doesn't come out of the bracket.

If the roller comes out of the star bracket the spring clip is not installed correctly.

Tips: Make sure the motor is all the way into the star bracket. The black notches from the motor side should be in line with the silver notches on the brackets.

Locate the black notch on the motor head located across from the white button. (see last picture with arrow above) Make sure the spring clip is seated right in front of it so the motor is locked into place with the clip.

STEP 4

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.

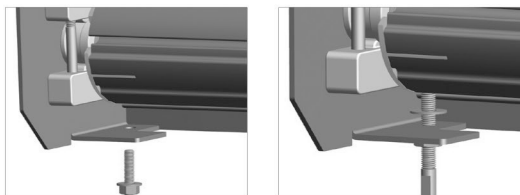


STEP 5

CABLE COMPONENTS CONT.

INSTALL CABLE GUIDE

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



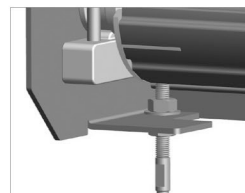
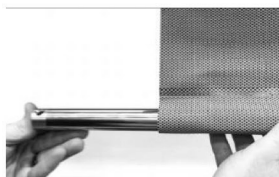
- Insert washer and thread top nut.
- Finger tighten top nut. Leave approx. **6 threads** exposed above nut.

! INFORMATION

Be sure cable is inserted into eyelet

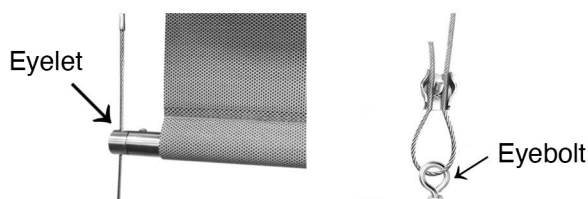
Repeat process on other side.

- Roll shade down. Insert bottom bar.



ASSEMBLE SIMPLEX CABLE FASTENER

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



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



- Tighten nut using 7mm socket. Trim excess cable



Repeat process on other side.

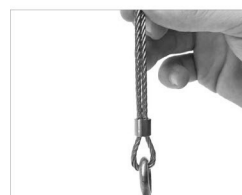
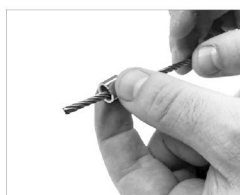


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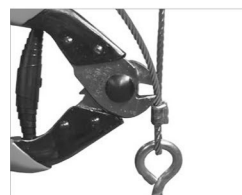
SWAGE CABLE

**MUST HAVE
SWAGING
TOOL & FERRULES**

- Pass cable through cable ferrule.
- Loop through installed eye bolt and back to ferrule.



- Use swaging tool to swage the bottom and the top of the ferrule.
- Use cable cutters to remove excess cable.

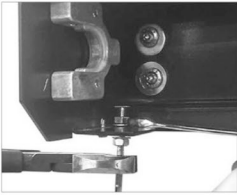


Repeat process on other side.

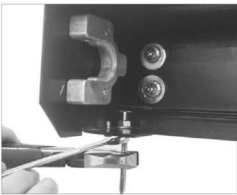
STEP 6

CABLE COMPONENTS CONT.

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

- 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

- 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

Refer to motor instructions for programming your shade

OPTIONAL WALL MOUNT BRACKET

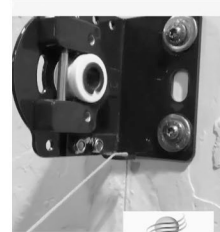
WALL MOUNTED CABLE BRACKET

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