

# MOTORIZED HEAVY DUTY LINKED SHADE

## Installation Instructions

1010

Tools Needed
Swaging Tool (Home Depot) Drill ½" Socket with Hex Driver Phillips #2 Driver for Drill Measuring Tape Pencil 2' Level Plumb Line ¼" Masonry Drill Bit Hammer Linesmans Pliers Cable Cutters Drill Bit Index 10mm Wrench
Hardware Provided (per shade)
Remote (1 per order) Brackets (3) Motor with Star Bracket(1) Motor Bolts with Lock Washers (2) Bearing (1) Large Washer for Link (1) Turnbuckles (2) Tie Wire Drives (Cable Anchors) (2) Cable Sleeves (4) Cables (2 per shade)
Hardware Needed
5/16" X 4 ½ " Lag Screws or Appropriate (4-6 per shade)  3/8" Flat Washers or Appropriate(4-6 per shade)

**NOTE:** Linked shades come in 2 pieces.

Operating side (Side A) and non-operation side (Side B).

### Measure Opening

Measure space where shade will be installed.

Identify shade overall size, center in opening and determine even gap on both sides of shade.

Confirm all three brackets will be level and mark with pencil.

### Install Cables on Brackets

Using cable sleeves provided feed one end of cable into sleeve, loop through hole in bracket (center bracket does not get cable) and back into sleeve creating small tight loop.

NOTE: Feed cable into holes in each bracket that will line up with bottom rail of shade.

Use swaging tool to crimp cable sleeve onto cable.

Do this to one end of each run of cable.

### Install Side B Bracket

Using appropriate install hardware, attach SIDE B brackets to mounting surface.



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### Hang Side B Tube With Fabric

#### *2 Person Job*

Slip bearing in to mounted non-operating bracket.

Slide large washer onto square pin end of link.

While holding link bracket up to square pin end of shade, slide square pin with washer into center hole of bracket.

Hold tube with fabric up to bracket.

Slide round pin end into mounted bracket with bearing.

While one person holds shade up to level, screw in center link bracket to mounting surface.

NOTE: Link bracket mounting holes should be facing toward SIDE A.

### Hang Side B Tube With Fabric

#### *2 Person Job*

Remove spring from star bracket and set aside.

Using appropriate install hardware; attach SIDE A bracket to mounting surface.

NOTE: Insure bracket is level to others before securing screws.

Slide link bearing onto square pin link bracket.

Slide the motor end of shade into star bracket and re-install the spring onto the bracket.

Tie motor wire into electrical source.

Put bottom rail into pocket of both fabrics.

### Drill Holes for Cable Anchors

Use Plumb Line to hang from small holes in end caps down to floor.

Mark spot with pencil for cable anchor.

Drill hole and hammer in tie wire drives.

NOTE: Tie wire drives should be hammered in as far down as possible.

# HEAVY DUTY LINKED SHADE WITH CABLES

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### Attach Cables

Slip cable through the eyelet on both sides of bottom rail.

Open turnbuckles by unscrewing each end until  $\frac{1}{4}$ " thread remains inside turnbuckle housing.

Attach hook end of turnbuckle to tie wire drive.

Feed one end of cable into cable sleeve, slip through eye of turnbuckle and feed back into cable sleeve.

Pull cable tight and create small tight loop around turnbuckle.

Use swaging tool to crimp cable sleeve onto cable.

Repeat this to cable on other end of shade.

Close turnbuckles to add tension to cables.

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### Safety Wire Turnbuckles

Using left over cable, unravel two strands of wire about 10" in length.

Weave strands of wire through tie wire, turnbuckle and then cable loop.

Use pliers to twist wire tight, cut off excess.

This prevents the turnbuckle from twisting and loosening the cables.

### Adjust Motor Limits

NOTE: Motors come pre-programmed with short limits.

To change the lower limit, send the motor to its current lower limit.

Press both the up and down button at the same time until the motor jogs.

Adjust to a new lower limit position and press the "my" button until the motor jogs.

To change the upper limit, send the motor to its current upper limit.

Press both the up and down buttons at the same time until the motor jogs.

Adjust to a new upper limit position and press the "my" button until the motor jogs.

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### Confirm Limits

Send shade to upper then lower limits.

Shade should roll up and down on cable guides and stop on its own at programmed limit settings.