

# Fabric Studio – Custom Roll Shades

## Installation Instructions

### Cassette System—Battery Motor Lifting System

#### Inside or Outside Mount

Thank you for purchasing your new roll shade. It has been custom-made from the highest quality materials to the dimensions you specified. With proper installation and care, it will provide you with many years of beauty and trouble-free use.

---

#### Tools Required

- Metal measuring tape
- Drill
- 1/16" drill bit
- 1/4" and 7/16" hex drivers
- Standard and Phillips screwdrivers
- Level
- Awl or pencil
- Ladder or stepstool
- Needle nose pliers

The brackets must be securely attached to the wall or other mounting surface, preferably by drilling the screws into wood studs. If studs are not available, you will need to purchase special fasteners designed for your mounting surface. If you are mounting the brackets to concrete, brick, tile, or stone, you will also need a masonry drill bit.

---

#### Components and Hardware

**Important:** When you remove the cassette system from its packaging, leave the shade rolled up, as in Figure 1. Do not remove the straps until the cassette is installed in the brackets. Do not remove cassette-mounted shades from the cassette.

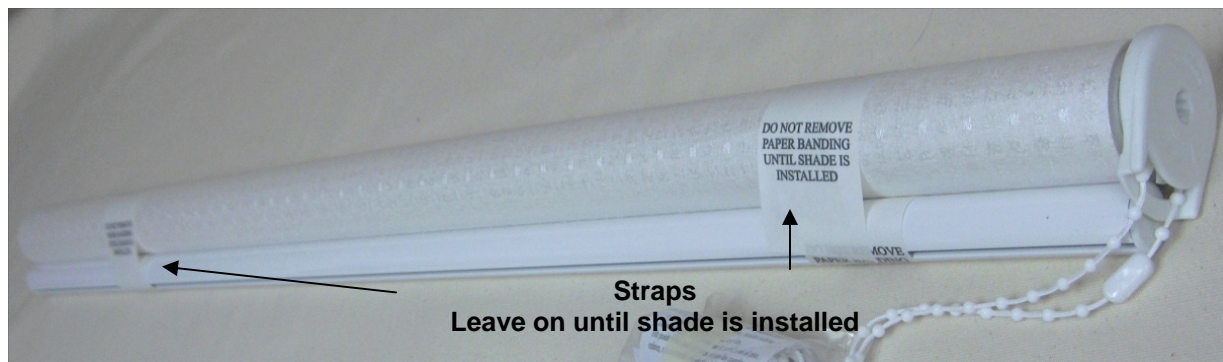


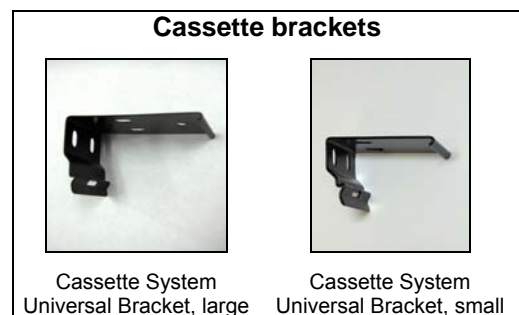
Figure 1 Custom Roll Shade with Chain and Clutch Lifting System, Showing Straps

#### Components

- Shade: Cassette mount shades come fully assembled on an aluminum top rail.
- Brackets: two (for wide cassette-mounted shades, your package includes more than two brackets)
- Hex head screws
  - Cassette, small: two screws per bracket
  - Cassette, large: three screws per bracket

#### Brackets

Pictured to the right are samples of the brackets used to mount the cassette system.



---

---

## Installation Steps

---

Cassette mounted shades come fully assembled on an aluminum top rail and are mounted using clip-in brackets.



Figure 2 Shade in cassette

### Step 1: Determine Shade and Bracket Locations

- The outer-most brackets should be set approximately 3" in from each end. Additional brackets should be spaced evenly between the outer-most brackets.

#### *Inside Mount*

- Hold the shade in the appropriate location to verify that it fits within the opening. There should be a slight gap on either side of the shade.
- Measure and mark the bracket locations in the window, being sure that the brackets are exactly parallel to each other and aligned at the front. See Figure 3. To mount the cassette so that the front is flush with the wall above, set the brackets  $\frac{1}{2}$ " back from the opening.

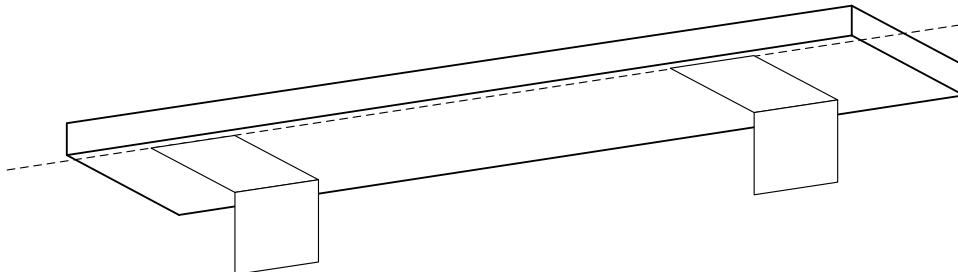


Figure 3 Cassette bracket inside mount alignment

#### *Outside Mount for Walls/Ceilings*

- Measure and mark the bracket locations on the wall, using a level to be sure the brackets will be perfectly level. See Figure 4.

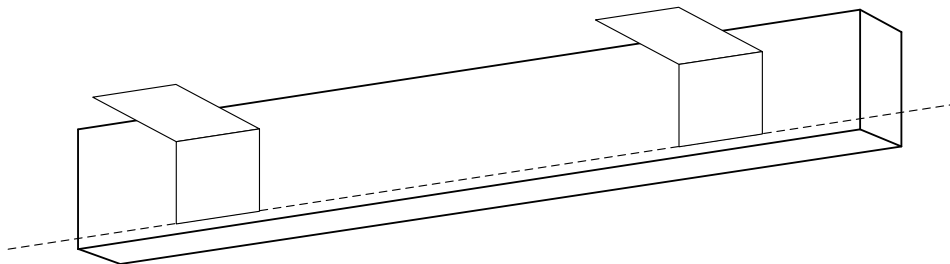


Figure 4 Cassette bracket outside mount alignment

## Step 2: Attach the Brackets

**Important:** To hold the cassette properly, the brackets must be perfectly level and parallel to each other.

- Drill 1/16" starter holes at each bracket hole location.
- Use the hex head screws provided to attach the brackets to the wall or window frame, being sure the brackets are level. Use a shim if needed. If you do not reach wood or other solid backing, use secure fasteners (not included).

## Step 3: Install the Cassette into the Brackets

- Fit the groove at the front of the top of the cassette into the hooks on the front of the brackets. See Figure 6.

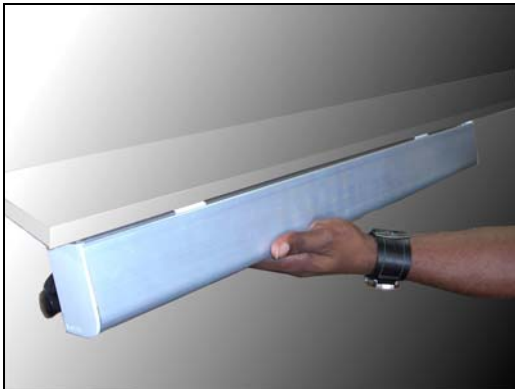


Figure 5 Cassette hooked onto brackets



Figure 6 Cassette on front of bracket

- Rotate the cassette up at the back to clip it into the brackets. See Figure 7 and Figure 8.



Figure 7 Cassette bracket unclipped

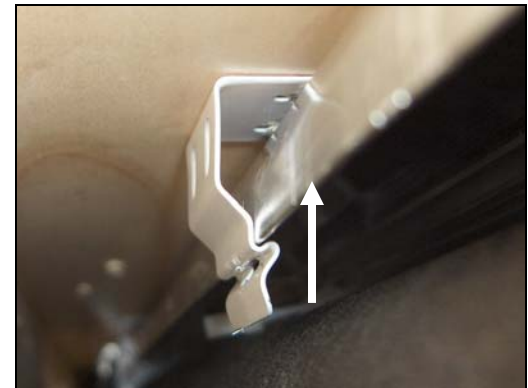


Figure 8 Cassette bracket secured

**Important:** Do not lower the shade more than one inch below the ordered length. For the shade to stay securely fastened, several inches of shade cloth must stay wrapped around the tube.

## Step 4: Check Motor Operation

- Connect the motor lead to the battery wand.
  - Find the motor lead behind the motor “teardrop.” See Figure 9.
  - Plug the motor lead into the socket at the back of the teardrop. See Figure 10.



Figure 9 Battery motor unplugged



Figure 10 Battery motor plugged in

- Remove the straps from the shade and test the shade operation. If the limits are not set correctly, adjust the limits per the motor instructions included separately.

#### Step 5: Reset Battery (if necessary)

On rare occasions, the battery powering the motor can become dislodged from its position in the cassette during shipping. To reset it in the cassette, follow the steps below:

- Remove the cassette front from the top rail:
  - Grasp the cassette front where it meets the two shade brackets. See Figure 11.
  - Pull gently on the bottom of the cassette front until it disengages from the brackets.
  - Swing the bottom of the cassette front up until the top disengages from the top rail. See Figure 12.

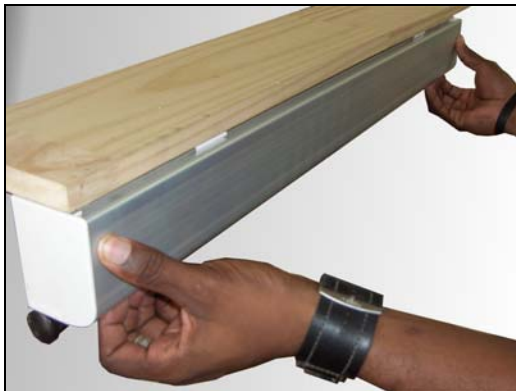


Figure 11 Grasp the cassette front at the brackets



Figure 12 Swing the cassette front up

- Hold the battery so that it rests against the top rail and the battery clips. See Figure 13.
- Press down firmly on the battery until it snaps into place. See Figure 14.



Figure 13 Resetting the battery



Figure 14 Motor battery in clips

- Once the battery is in place, replace the cassette front:
  - Align the groove on the cassette front with the front of the top rail. See Figure 15.



Figure 15 Align the groove on the cassette front with the top rail

- Swing the cassette front down and snap it onto the shade brackets.

---

## Caring for Your Custom Roll Shade

Your roll shade will provide you with years of beauty and pleasure with minimal care and cleaning. For routine cleaning, remove surface dust by wiping gently with a soft, clean, lint-free cloth or dusting with a completely clean feather duster. Please note that more aggressive cleaning may damage the shade fabric. If your shade becomes soiled and the routine cleaning instructions do not fix the problem, please contact Castec to determine whether more aggressive cleaning methods are appropriate for your shade.

---

## Troubleshooting

**Important:** When troubleshooting, you might need to pull the shade down to expose part of the tube. However, only expose enough tube to be able to shim the shade, as explained below. If you allow the shade to unroll so much that the entire roll of fabric is falling from the back, the fabric might come off the tube.

Problem:

The shade telescopes to one side or the other, or rolls up unevenly.

Solution:

The brackets may be installed unevenly. If the shade telescopes to the left, the right bracket is higher than the left bracket. If the shade telescopes to the right, the left bracket is higher than the right bracket. Use a level to check the bracket positions and re-install one bracket, using a shim if necessary.



Figure 16 Telescoping to the left

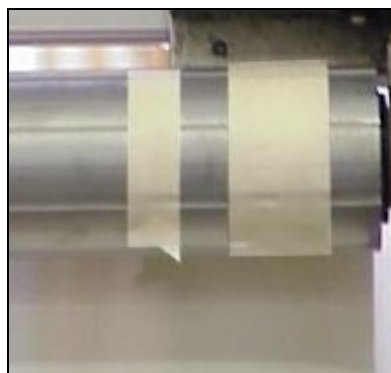


Figure 17 Masking tape shims

Problem:

The shade telescopes to one side or the other, but the brackets are perfectly level.

Solution:

Lower the shade until a small part of the tube is exposed. Adjust the shade for telescoping by shimming with masking tape. Use a piece of masking tape on the side opposite the telescoping end; for example, if the shade telescopes to the left (see Figure 16), then place the masking tape on the right side of the shade (see Figure 17). Raise and lower the shade to test for proper tracking. If the shade still does not track properly, repeat the above procedure. The correct amount of tape needed is determined by trial and error.

Problem:

The shade rolls up unevenly, but the brackets are perfectly level.

Solution:

Lower the shade until a small part of the tube is exposed. Place one or two long strips of masking tape horizontally along the tube (about half the length) on the side that hangs too low. Raise and lower the shade to see if it now rolls evenly. If the shade still does not roll evenly, repeat the above procedure. The correct amount of tape needed is determined by trial and error.