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  System Diagram-Skyline ....................................................... page 20
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# All Cassette Systems

## Tools Needed

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutting Table for Fabric</td>
<td></td>
</tr>
<tr>
<td>Saw</td>
<td></td>
</tr>
<tr>
<td>Screwdriver/Power Drill</td>
<td></td>
</tr>
<tr>
<td>Screws</td>
<td>(screw type dependent on surface you are installing the shade)</td>
</tr>
<tr>
<td>Hammer/Mallet</td>
<td></td>
</tr>
<tr>
<td>Measuring Tape</td>
<td></td>
</tr>
<tr>
<td>Level</td>
<td></td>
</tr>
<tr>
<td>Ladder</td>
<td></td>
</tr>
<tr>
<td>Eye Protection</td>
<td></td>
</tr>
<tr>
<td>Gloves</td>
<td></td>
</tr>
</tbody>
</table>
### Skyline Cassette 80 System Diagram

1. Mounting Brackets
2. Cassette 80 Headrail
3. End Cap
4. RollEase Tube
5. Skyline Clutch
6. Skyline Bracket
7. Skyline Pin End (Idler)
8. Bead Chain or Cord
9. SafetyHold 3
10. Fabric
11. Internal Hem Bar
12. External Hem Bar
13. Hem Bar End Cap & Screw

**Note:** Use either Internal OR External Hem Bar with End Cap & Screws

**Maximum Roll Diameter is 1-7/8”**

Cassette 80 Headrail is 2.39” Tall x 2.94” Wide
R-Series
Cassette 80 System Diagram

1 Mounting Brackets
2 Cassette 80 Headrail
3 End Cap
4 RollEase Tube
5 R-Series Clutch
6 R-Series Brackets
7 R-Series End Plug (Idler)
8 Bead Chain or Cord
9 Safety Hold 3
10 Fabric
11 Internal Hem Bar
12 External Hem Bar
13 External Hem Bar End Caps & Screws

Maximum Roll Diameter is 1-7/8”
Cassette 80 Headrail is 2.39” Tall x 2.94” Wide

Note: Use either Internal OR External Hem Bar with End Cap & Screws
# Cassette 80

## Fabrication Instructions

### Skyline & R-Series Cassette 80

Single & Multiple In-Line Shades

## Components Needed

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
<th>Item #</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Roller shade assembled to tube with clutch and idler inserted.</td>
<td>N/A</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>1</td>
<td>Cassette 80 Headrail</td>
<td>CRVXX</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>2</td>
<td>Cassette 80 End Caps</td>
<td>CRECXX</td>
<td><img src="image" alt="Image" /></td>
</tr>
</tbody>
</table>

**Skyline-2 brackets or R-Series-1 set**

- Cassette Brackets
  - Choose R-Series or Skyline
  - CRUBKT – R-Series
  - CRUSLB - Skyline

**Varies by Shade Width (1 bracket every 18")**

- Cassette 80 Mounting Brackets
  - VRBKT15

**One per linked shade**

- Intermediate Brackets
  - For use when using multiple in-line manual shades together with multiple clutches
  - CRIMBK – R-Series
  - CRUSLBI - Skyline
## Skyline & R-Series
### 80 Cassette Fabrication

<table>
<thead>
<tr>
<th>Step 1: Cut (use RollEase deduction charts to calculate width of cuts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a. Cut Headrail</td>
</tr>
<tr>
<td>1b. Cut Tube</td>
</tr>
<tr>
<td>1c. Cut Hem Bar</td>
</tr>
<tr>
<td>1d. Cut Fabric for shade and for Cassette Insert (Cassette insert should be cut 2-1/2”-2-9/16” wide, and as long as the total length of the headrail)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 2: Assemble Shade per usual assembly method</th>
</tr>
</thead>
<tbody>
<tr>
<td>2a. Attach Hem Bar to Fabric</td>
</tr>
<tr>
<td>2b. Attach Fabric to taped tube</td>
</tr>
<tr>
<td>2c. Attach Bead Chain or Cord to Clutch</td>
</tr>
<tr>
<td>2d. Attach Tension Device to Cord or Bead Chain (see Safety Hold3 Instructions)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 3: Insert Fabric Strip into Cassette Headrail</th>
</tr>
</thead>
<tbody>
<tr>
<td>3a. Apply two sided tape to headrail</td>
</tr>
<tr>
<td>3b. Insert fabric into groove in headrail, beginning on either side rolling fabric over the headrail and slipping into the groove on the opposite side.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 4: Insert Clutch and Idler</th>
</tr>
</thead>
<tbody>
<tr>
<td>4a. Insert Clutch</td>
</tr>
<tr>
<td>4b. Insert Idler</td>
</tr>
</tbody>
</table>

---

**Skyline**

**R-Series**
**Skyline & R-Series**  
**Cassette 80 Fabrication**

**Step 5: Assemble Headrail and assembled shade**

5a. Lay Cassette on table or flat surface. Insert one bracket by aligning bracket into grooves on inside top of the headrail. Push bracket all the way in. (be careful not to bend bracket if using a mallet or hammer to tap brackets in) If desired, use screws to hold brackets in place

5b. Insert clutch and idler end of tube onto the bracket. (see note for R-Series)

5c. Attach End Caps (if desired)

---

**Skyline**

5a. Gently tap bracket into headrail

For Skyline, insert idler side first. Push into bracket, and slip clutch side down until the hooks engage in the holes in the bracket and lock into place.

5b. Push tip of pin end into hole in the center of the Skyline bracket

---

**R-Series**

5a. When fabricating R-Series, you must insert one bracket and insert clutch or pin end, and then simultaneously insert other bracket into the opposite end.

5b. Slide the center of the end plug into the tab on the R-Series bracket

5b. Slide the hole in the center of the clutch into the tab on the R-Series Bracket

---

Lay plastic across cassette before laying in tube with fabric. After installing shade, tie around the top of cassette to prevent shade from falling during shipment to customer.
Skyline & R-Series
Cassette 80 Fabrication

Step 6: Pack and Ship
6a. Wrap Cassette in correct packaging material and box. Include Mounting Brackets and Screws
6b. Your Cassette is now ready to ship.
Note: Be sure that Safety Tags are attached and the shade is inoperable and compliant with the WCMA Standards.

5c. Attach End Caps
Skyline & R-Series – Inside & Outside Mount Cassette 80 Installation

Step 1: Carefully remove shade from the box and package wrapping.

TIP: Installation is the same in both Skyline and R-Series applications. However, deduction data will vary.

Step 2: Install Mounting Brackets using correct screws.
Tip: Mounting Brackets should be placed approximately every 18”

Step 3: Install Headrail
Snap Headrail into place by sliding groove in back of headrail into the bottom of the mounting bracket. Push forward and up, snapping the headrail into the top of the mounting bracket.

For inside mount, use holes on top of bracket

For outside mount, use holes on the back of bracket

Be sure the hooked part of the bracket is fully engaged around the headrail
Step 4: Install Tension Device (See instructions for Safety Hold3)

Installed Shade: Inside Mount

Installed Shade: Outside Mount
Skyline
Cassette 100 System Diagram

1. Mounting Brackets
2. Cassette 100 Headrail
3. End Cap
4. RollEase Tube
5. Skyline Clutch
6. Skyline Bracket
7. Skyline Pin End (Idler)
8. Bead Chain or Cord
9. SafetyHold 3
10. Fabric
11. Internal Hem Bar
12. External Hem Bar
13. Hem Bar End Cap & Screw

Note: Use either Internal OR External Hem Bar with End Cap & Screws

Maximum Roll Diameter is 2-1/2”
Cassette 100 Headrail is 3.10” Tall x 3.72” Wide
R-Series

Cassette 100 System Diagram

1. Mounting Brackets
2. Cassette 100 Headrail
3. End Cap
4. RollEase Tube
5. R-Series Clutch
6. R-Series Bracket
7. R-Series End Plug (Idler)
8. Bead Chain or Cord
9. SafetyHold 3
10. Fabric
11. Internal Hem Bar
12. External Hem Bar
13. External Hem Bar End Caps & Screws

Maximum Roll Diameter is 2-1/2”
Cassette 100 Headrail is 3.10” Tall x 3.72” Wide

Note: Use either Internal OR External Hem Bar with End Cap & Screws
### Fabrication Instructions

**Skyline & R-Series Cassette 100**

**Components Needed**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
<th>Item #</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Roller shade assembled to tube with clutch and idler inserted.</td>
<td>N/A</td>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>1</td>
<td>Cassette 100 Headrail</td>
<td>CRV100XX</td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td>2</td>
<td>Cassette 100 End Caps</td>
<td>CREC100XX</td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td><strong>Choose 2 - Skyline brackets or 1 set - R-Series Brackets</strong></td>
<td><strong>R-Series</strong></td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td><strong>Skyline Brackets</strong></td>
<td><strong>Skyline</strong></td>
<td><img src="image5.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td>Choose R-Series or Skyline</td>
<td>CRUBKT53 – R-Series</td>
<td><img src="image6.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td>CRUSLB - Skyline</td>
<td>CRUSLB660I or CRUSLB680I - Skyline</td>
<td><img src="image7.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td><strong>Varies by Shade Width (1 bracket every 18”)</strong></td>
<td>HDBKTXX</td>
<td><img src="image8.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td><strong>Intermediate Brackets</strong> For use when using multiple in-line manual shades together with multiple clutches</td>
<td>CRIMBKT53 – R-Series</td>
<td><img src="image9.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CRUSLB660I or CRUSLB680I - Skyline</td>
<td><img src="image10.png" alt="Image" /></td>
</tr>
</tbody>
</table>
### Cassette 100

**Skyline & R-Series**

100 Cassette Fabrication

<table>
<thead>
<tr>
<th>Step 1: Cut (use RollEase deduction charts to calculate width of cuts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a. Cut Headrail</td>
</tr>
<tr>
<td>1b. Cut Tube</td>
</tr>
<tr>
<td>1c. Cut Hem Bar</td>
</tr>
<tr>
<td>1d. Cut Fabric for shade and for Cassette Insert (Cassette insert should be cut 3”-3-1/8” wide, and as long as the total length of the headrail)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 2: Assemble Shade</th>
</tr>
</thead>
<tbody>
<tr>
<td>2a. Attach Hem Bar to Fabric</td>
</tr>
<tr>
<td>2b. Attach Fabric to taped tube</td>
</tr>
<tr>
<td>2c. Attach Bead Chain or Cord to Clutch</td>
</tr>
<tr>
<td>2d. Attach Tension Device to Cord or Bead Chain (see Safety Hold3 Instructions)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 3: Insert Fabric Strip into Cassette Headrail</th>
</tr>
</thead>
<tbody>
<tr>
<td>3a. Apply two sided tape to headrail</td>
</tr>
<tr>
<td>3b. Insert fabric into groove in headrail, beginning on either side rolling fabric over the headrail and slipping into the groove on the opposite side.</td>
</tr>
</tbody>
</table>

Step 3: Insert Fabric Strip into Cassette Headrail

3a. Apply two sided tape to headrail

3b. Insert fabric into groove in headrail, beginning on either side rolling fabric over the headrail and slipping into the groove on the opposite side.

Slowly tuck in fabric starting at one side of the cassette and moving to the other.

<table>
<thead>
<tr>
<th>Step 4: Insert Clutch and Idler</th>
</tr>
</thead>
<tbody>
<tr>
<td>4a. Insert Clutch</td>
</tr>
<tr>
<td>4b. Insert Idler</td>
</tr>
</tbody>
</table>

Step 4: Insert Clutch and Idler

4a. Insert Clutch

4b. Insert Idler

---

Skyline & R-Series Cassette 100
Skyline & R-Series
Cassette 100 Fabrication

Step 5: Assemble Headrail and assembled shade
5a. Lay Cassette on table or flat surface. Insert one bracket by aligning bracket into grooves on inside top of the headrail. Push bracket all the way in. (be careful not to bend bracket if using a mallet or hammer to tap brackets in) If desired, use screws to hold brackets in place
5b. Insert clutch and idler end of tube onto the bracket. (see note for R-Series)
5c. Attach End Caps (if desired)

Step 6: Pack and Ship
6a. Wrap Cassette in correct packaging material and box. Include Mounting Brackets and Screws
6b. Your Cassette is now ready to ship.

Note: Be sure that Safety Tags are attached and the shade is inoperable and compliant with the WCMA Standards.
**Step 1:** Carefully remove shade from the box and package wrapping.

**TIP:** Installation is the same in both Skyline and R-Series applications. However, deduction data will vary.

**Step 2:** Install Mounting Brackets using correct screws.
Tip: Mounting Brackets should be placed approximately every 18”

**Inside Mount**
- For inside mount, use holes on top of bracket

**Outside Mount**
- For outside mount, use holes on the back of bracket

**Step 3:** Install Headrail
Snap Headrail into place by sliding groove in back of headrail into the bottom of the mounting bracket. Push forward and up, snapping the headrail into the top of the mounting bracket.

Be sure the hooked part of the bracket is fully engaged around the headrail
Skyline & R-Series– Inside & Outside Mount
Cassette 100 Installation

Step 4: Install Tension Device (See instructions for Safety Hold3)

Installed Shade: Inside Mount

Installed Shade: Outside Mount
Skyline
Cassette 120 System Diagram

1. Mounting Brackets
2. Cassette 120 Headrail
3. End Cap
4. RollEase Tube
5. Skyline Clutch
6. Skyline Bracket
7. Skyline Pin End (Idler)
8. Bead Chain or Cord
9. SafetyHold 3
10. Fabric
11. Internal Hem Bar
12. External Hem Bar
13. Hem Bar End Cap & Screw

Note: Use either Internal OR External Hem Bar with End Cap & Screws

Maximum Roll Diameter is 2-7/8”
Cassette 120 Headrail is 3.88” Tall x 4.43” Wide
R-Series
Cassette 120 System Diagram

1. Mounting Brackets
2. Cassette 120 Headrail
3. End Cap
4. RollEase Tube
5. R-Series Clutch
6. R-Series Bracket
7. R-Series End Plug (Idler)
8. Bead Chain or Cord
9. SafetyHold 3
10. Fabric
11. Internal Hem Bar
12. External Hem Bar
13. Hem Bar End Cap & Screw

Note: Use either Internal OR External Hem Bar with End Cap & Screws

Maximum Roll Diameter is 2-7/8”

Cassette 120 Headrail is 3.88” Tall x 4.43” Wide
<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
<th>Item #</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Roller shade assembled to tube with clutch and idler inserted.</td>
<td>N/A</td>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>1</td>
<td>Cassette 120 Headrail</td>
<td>CRV53XX</td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td>2</td>
<td>Cassette 120 End Caps</td>
<td>CREC53XX</td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td>Choose 2 - Skyline brackets or 1 set - R-Series Brackets</td>
<td></td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td>Varies by Shade Width (1 bracket every 18”)</td>
<td></td>
<td><img src="image5.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td>Varies by Shade Width (1 bracket every 18”)</td>
<td></td>
<td><img src="image6.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td>Interimmediate brackets</td>
<td></td>
<td><img src="image7.png" alt="Image" /></td>
</tr>
</tbody>
</table>

**Cassette 120**
Skyline & R-Series

Cassette 120 Fabrication

Step 1: Cut (use RollEase deduction charts to calculate width of cuts)
1a. Cut Headrail
1b. Cut Tube
1c. Cut Hem Bar
1d. Cut Fabric for shade and for Cassette insert

Step 2: Assemble Shade
2a. Attach Hem Bar to Fabric
2b. Attach Fabric to tube
2c. Attach Bead Chain or Cord to Clutch
2d. Attach Tension Device to Cord or Bead Chain (See SH3 Instructions)

Step 3: Insert Fabric Strip into Cassette Headrail (Cassette insert should be cut 4”-4-1/16” wide, and as long as the total length of the headrail)
3a. Apply two sided tape to headrail
3b. Insert fabric into groove in headrail, beginning on either side rolling fabric over the headrail and slipping into the groove on the opposite side.

Step 4: Insert Clutch and Idler
4a. Insert Clutch
4b. Insert Idler

Align grooves of housing around ribs of tube

Slowly tuck in fabric starting at one side of the cassette and moving to the other
Step 5: Assemble Headrail and Tube

5a. Lay Cassette on table or flat surface. Insert one bracket by aligning bracket into grooves on top of the headrail. Push bracket all the way in. (be careful not to bend bracket if using a mallet or hammer to tap brackets in) If desired, use screws to hold brackets in place.

5b. Insert clutch or idler end of tube onto the bracket. (see note for R-Series)

5c. Attach End Caps (if desired)

For Skyline, insert idler side first. Push into bracket, and slip clutch side down until the hooks engage in the holes in the bracket and lock into place.

When fabricating R-Series, you must insert one bracket and insert clutch or pin end, and then simultaneously insert other bracket into the opposite end.

Lay plastic across cassette before laying in tube with fabric. After installing shade, tie around the top of cassette to prevent shade from falling during shipment to customer.
Step 6: Pack and Ship
6a. Wrap Cassette in correct packaging material and box. Include Mounting Brackets and Screws. 6b. Your Cassette is now ready to ship.
Note: Be sure that Safety Tags are attached and the shade is inoperable and compliant with the WCMA Standards.
Skyline & R-Series – Inside & Outside Mount
Cassette 120 Installation

**Step 1:** Carefully remove shade from the box and package wrapping.

**TIP:** Installation is the same in both Skyline and R-Series applications. However, deduction data will vary.

**Step 2:** Install Mounting Brackets using correct screws.
2a. Mounting Brackets should be placed approximately every 18”

Inside Mount

Outside Mount

For inside mount, use holes on top of bracket

For outside mount, use holes on the back of bracket

**Step 3:** Install Headrail
3a. Snap Headrail into place by sliding groove in headrail into the mounting bracket and snapping upwards to lock headrail in place

**Step 4:** Install Tension Device
4a. See instructions for Safety Hold3

Inside Mount

Outside Mount

Be sure the hooked part of the bracket is fully engaged around the headrail
Skyline & R-Series – Inside & Outside Mount
Cassette 120 Installation

Installed Shade
Inside Mount

Installed Shade
Outside Mount
Skyline & R-Series – Zebra Fabric Installation
Cassette 100 & 120

Step 1: Lay zebra fabric out on table

Step 2a: Cut hembar tape to the same width as the fabric.
Step 2b: Stick edge of hembar tape to the edge of the fabric.

Step 3a: Fold the taped edge twice to help add support to the tape.
Step 3b: Staple folded edge to keep the fabric from coming unfolded.
Skyline & R-Series – Zebra Fabric Installation
Cassette 100 & 120

Step 4: Slide rolled fabric edge through top ridges on the inside-back of cassette headrail.

Installed Zebra Fabric

Cassette 100 Shown