Overview - **Components** *(Small hardware shown)*

Scan this QR Code with your smartphone to view our online video showing safety procedure, or visit draperinc.com/go/NEXDinfo

⚠️ **CAUTION** ⚠️
Read and understand all warnings before beginning installation.

**Contents**

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FlexShade NEXD Mounting With Endcap</td>
</tr>
<tr>
<td>2</td>
<td>Converting Between Mounting Configurations</td>
</tr>
<tr>
<td>3</td>
<td>Shade Fabric Roller Mounting</td>
</tr>
<tr>
<td>4</td>
<td>Spring Assist Option</td>
</tr>
<tr>
<td>5</td>
<td>Bead Chain Limits and Safety Device Installation</td>
</tr>
<tr>
<td>6</td>
<td>Idler End Safety Bracket</td>
</tr>
<tr>
<td>7</td>
<td>Attaching Fascia</td>
</tr>
<tr>
<td>8</td>
<td>Surface Headbox or Pocket Headbox</td>
</tr>
<tr>
<td>9</td>
<td>Dimensions</td>
</tr>
</tbody>
</table>

If you have any difficulties installing or servicing your FlexShade® NEXD, call your dealer or Draper, Inc.
**Important Safety Information**

**WARNING**

Improper installation and use of the Clutch-Operated FlexShade® NEXD can result in serious injury or death. Primarily, injuries can occur if the unit falls due to imprecise installation, mishandling of the shade during installation, or installation on an insufficient wall or ceiling structure. Please use extreme care.

1. Please read the following installation guidelines thoroughly and follow them carefully. Failure to do so may cause product to fail or otherwise fail, and could result in serious injury.
2. Installation and calibration of the shade should only be performed by an authorized, qualified, and experienced professional.
3. Do not affix the unit to wall or ceilings that have inadequate strength to permanently hold the unit during use. It is the owner’s and installer’s responsibility to confirm the wall or ceiling to which the unit attaches is sufficient to permanently hold the weight and stress loads of the unit at all times. Draper, Inc., is not responsible for improper installation, application, testing, or workmanship related to the product at place of installation.
4. It is the installer’s responsibility to make sure appropriate fasteners are used for mounting.
5. All brackets, fascia, headboxes, pockets, wall clips, and other hardware must be installed level. Shade unit must be level and square.
6. Before testing or operation, carefully inspect the entire area and path of the shade and areas underneath the shade to be sure no persons or objects are in the area.

**Before Beginning Installation**

1. Look for any job site conditions that could interfere with installation or operation of the system.
2. Read carefully and be sure to understand all installation instructions and all related operations manuals. These instructions are intended to serve as a guide for the installer and owner. They should be followed closely and combined with the expertise of experienced qualified installers. Draper, Inc., is not responsible for improper installation, application, testing, or workmanship related to the product at place of installation. Please retain all instructions for future use.
3. Open cartons lengthwise, taking care not to cut into cardboard shipping container.
4. Locate and lay out all pieces.
5. Inspect all boxes to make sure you have received the proper shade and parts. Controls may be shipped separately, or in same carton as shade.
6. If you have any difficulties with installing, servicing, or operating your shade, call your dealer or Draper, Inc., if you have questions regarding your installation.

**Child Safety Information**

ANSI/WCMA A100.1-2018 standard (developed by the Window Coverings Manufacturer’s Association and the Consumer Product Safety Commission) was established on December 15, 2018, to eliminate strangulation hazards for small children from hanging cords and chain loops.

When Draper® dealers specify that custom shades comply with ANSI/WCMA A100.1-2018, Draper provides a pre-installed Spring-Loaded Chain Tension Device (shown right) for clutch-operated units. A warning label is attached to the kit and approved mechanical fasteners are included. When properly installed, the tension device prevents the creation of a hazardous loop by maintaining tension on the bead chain. If not installed properly, the shade is partially inoperable. A warning label (shown below) is also added to the shade roller.

For more information, please see the Draper ANSI/WCMA A100.1-2018 compliance page: [www.draperinc.com/windowshades/wcmacompliance.aspx](http://www.draperinc.com/windowshades/wcmacompliance.aspx)

**Window Blind Cord can STRANGLE your child.** Keep cords out of children’s reach. Shorten cords to prevent reach. Move crib and furniture away — Children can climb furniture to reach cords.

**La cuerda ciega de la ventana puede ESTRANGULAR a su niño.** Mantenga las cuerdas fuera del alcance de los niños. Acorte los cables para evitar el alcance. Mueva la cuna y los muebles lejos — Los niños pueden subir los muebles para alcanzar las cuerdas.

**PLEASE READ - Field Adjustments**

Each Draper Solar Control Shade is tested to ensure proper operation. Even with this testing, some field adjustments may be needed for telescoping.

If the shade is telescoping, place a piece of high quality gaffer tape about 1” (25mm) wide on the exposed roller (where the fabric will cover it) on the side that the fabric will be drawn toward. For example: if the fabric is tracking to the left, place the tape on the right side.

**PLEASE READ - Cleaning and Maintenance**

Window covering products manufactured by Draper, when properly installed, should require no operational maintenance or lubrication.

Most standard Draper fabrics may be cleaned at the window by vacuuming with a soft brush attachment. They also may be cleaned by using a sponge or soft cloth and mild solution of warm soapy water. A mild dishwashing liquid is recommended. A clean dry cloth is recommended for the metal finish.

**Please Note:** Exceptions are GreenScreen Evolve, GreenScreen Revive, Flocké and Phifer SW7000 fabrics, which must be cleaned with a dry art sponge.
**Section 1 - FlexShade NEXD Mounting With Endcap**

**Caution:** Before mounting shades, verify measurements on label provided with shade, and ensure unit is installed at correct width.

**Please Note:** Installer is responsible for selecting mounting hardware appropriate for site conditions.

**Figure 1**
**Wall Mounting Endcap**

1. Mark wall for placement of endcaps.
2. Drill small starter hole (if necessary) in mounting surface.
3. Attach idler and operator endcap covers to endcaps.
4. Mount endcaps using appropriate fasteners for surface.

**Figure 2**
**Ceiling Mounting Endcap**

1. Mark ceiling for placement of endcaps.
2. Drill small starter hole (if necessary) in mounting surface.
3. Attach idler and operator endcap covers to endcaps.
4. Mount endcaps using appropriate fasteners for surface.

**Figure 3**
**Jamb Mounting Endcap**

**Please Note:** Safety Bracket(s) MUST be installed at this time when Jamb Mounting. (Section 6, P.6).

1. Mark wall for placement of endcaps.
2. Drill small starter hole (if necessary) in mounting surface.
3. Attach idler and operator endcap covers to endcaps.
4. Mount endcaps using appropriate fasteners for surface.

**Please Note:** If endcaps are included in the order, drill through the endcap cover and secure with the endcap.
Section 2 - Converting Between Left and Right Mounting Configurations on Wall Mount Endcaps (Fig. 4)

1. Remove screws and small metal mounting piece from reverse side of endcap.
2. Insert small metal mounting plate into slots on other side of endcap, and use screws to reattach mounting plate to endcap.

Part 1: Converting between mounting configurations

1. Carefully work open (clutch) end of roller onto bead chain clutch.
   - Tube indentation must be aligned with the FLAT side of the clutch sprocket.

2. Slide idler end pin up through one of the slots on idler endcap, and into seat for pin.
   - Note: See illustration for different path options.

Part 2: Adjusting roller level

3. Test shade to ensure that roller is level and operating properly.

4. If not, adjust idler leveling screw with 3mm Hex Wrench, available upon request when ordering shade.

- Please Note: The idler end has detents to prevent the pin from coming out of the idler. It does allow upward and downward adjustment within the vertical cavity.
- Please Note: Applying 1-2 drops of a medium-strength threadlocker to the threads of the height adjustment screw is recommended prior to final adjustment.

Section 3 - Shade Fabric Roller Mounting (Fig. 5)

- Caution: Do not allow shade roller to become exposed by running shade fabric too far down. Be sure to use stop balls provided in hardware packet by Draper to set up and down travel limits. Stop balls by others may be too small, and become lodged in clutch mechanism.

- Please Note: If shade fabric is uneven, see “Field Adjustments” on page 2.

1. Remove screws and small metal mounting piece from reverse side of endcap.
2. Insert small metal mounting plate into slots on other side of endcap, and use screws to reattach mounting plate to endcap.

Part 1: Mounting shade fabric roller

1. Carefully work open (clutch) end of roller onto bead chain clutch.
   - Tube indentation must be aligned with the FLAT side of the clutch sprocket.

2. Slide idler end pin up through one of the slots on idler endcap, and into seat for pin.
   - Note: See illustration for different path options.

Part 2: Testing and adjusting roller

3. Test shade to ensure that roller is level and operating properly.

4. If not, adjust idler leveling screw with 3mm Hex Wrench, available upon request when ordering shade.

- Please Note: The idler end has detents to prevent the pin from coming out of the idler. It does allow upward and downward adjustment within the vertical cavity.
- Please Note: Applying 1-2 drops of a medium-strength threadlocker to the threads of the height adjustment screw is recommended prior to final adjustment.
Section 4 - Spring Assist Option

1. Remove the safety screw and slide from the top idler endcap. Retain these pieces for later (Fig. 6).

2. Install the Roller Assembly:
   - Fig. 7-A: Install tube onto clutch
   - Fig. 7-B: Swing the idler end into place, then slide the idler end spear into the receiver. It may be necessary to compress the spring-loaded spear.

   **Caution:** The retaining clip must be installed around the idler-end shaft as shown to prevent the roller assembly from moving left or right during operation, and to ensure that the spring-loaded shaft does not retract into the mechanism in case of a bearing failure.

3. Replace Slide and Safety Screw. Place into groove at an angle, slide up, and make sure the bottom of the slide is hooked into the Receiver (Fig. 7, reverse order).

**Figure 7-A**

**Figure 7-B**

Section 5 - Bead Chain Limits and Safety Device Installation

**Attaching Stop Balls**

1. Set upper and lower travel limits by installing stop balls to bead chain (crimp closed using pliers) (Fig. 8).

**P-Clip Cord Tension Device**

*Please Note:* Draper Bead Chain Clutch-Operated shades that do not comply with WMCA/ANSI Standard A100.1-2012 come with a P Clip cord tension device pre-attached to bead chain (Fig. 9). This device must be attached to wall, jamb, or sill so that bead chain is held taut enough that children cannot pull it away from wall or fit their head into loop.

**Spring-Loaded Cord Tension Device**

If Draper Clutch FlexShade complies with WMCA/ANSI Standard A100.1-2018, a Spring-Loaded Cord Tension Device comes installed on bead chain (Fig. 10). An approved permanent warning label and approved mechanical fasteners (wood screws) are included. Device is designed so that children cannot pull bead chain away from wall or fit their head into loop. (See safety note on page 2). For more information, visit [www.draperinc.com/WindowShades/WMCAcompliance.asp](http://www.draperinc.com/WindowShades/WMCAcompliance.asp).

1. Install cord tension device to wall, jamb, or sill.
2. Pull tensioner down so that bead chain is held taut and use mounting hardware to keep it taut.

*Please Note:* Bead chain should be taut enough to move smoothly through device. However, overtightening screws will damage Spring-Loaded Tension Device.
Section 6: Idler End Safety Bracket

1. Install matte-finished Safety Bracket (provided in separate packaging) to idler endcap of shade.

   - If Fascia has been ordered with this shade, attach Bracket to Clutch endcap as well.

2. Install BOTH C020.680 Screws to secure Bracket.
   - If shade is jamb mounted, install Bracket at the same time as mounting endcaps.

**PLEASE NOTE**

Endcaps must be fastened securely to mounting surface and cannot move from side to side.

If changes, differences, or measurement errors occur on-site, adjust product by utilizing *slotted* holes in the endcap [A] to adjust for zero gap between the fascia and endcap covers.

Once these adjustments are made, utilize *round* holes [B] to drive additional screws for securing position.

*Please Note*: If installing shade or shades in an area where misuse is likely, this fastening method should be used.

Section 7: Attaching Fascia

1. Seat groove in the notch in *both* Clutch and Idler Brackets.

2. Snap firmly into place.

*Fascia is not fully seated until it clicks into place on both ends. Once in place, check for secure fit.*
1. Snap endcap covers onto endcaps.

2. Place endcaps into back/top portion of wall/ceiling (surface) headbox or into pocket extrusion of pocket headbox. Using pre-drilled holes in endcaps, mark the headbox for drilling.

3. Drill holes in back or top, depending on whether you will be mounting the headbox to the wall or ceiling, or in a pocket.

4. Attach endcaps and Surface Headbox back/top or Pocket Headbox extrusion to wall, ceiling or pocket using mounting hardware appropriate for site conditions.

Please Note: Small size pocket style headbox requires securing closure panel to endcap with provided screw.

5. Install shade (See Page 3).

6. Attach ceiling/wall (surface) headbox fascia, or pocket closure (Fig. 13).

Note on surface style headbox: Fascia is not fully seated until it clicks into place on both ends. Once in place, check for secure fit. If not secure, secure with appropriate fastener (not included).
Section 9 - Dimensions (Ceiling Mount shown)

**TOP-DOWN VIEW**

- **Shade Width**
  - **A**: 3 7/8" (98 mm)
  - **B**: 3 3/8" (86 mm)
  - **C**: 2 3/4" (70 mm)
  - **D**: 2 1/8" (54 mm)
  - **E**: 1/16" (1.6 mm)
  - **F**: 1 1/4" (32 mm)

**FRONT VIEW**

- **Fabric Width**
  - **A**: 4 5/8" (117 mm)
  - **B**: 4 5/8" (117 mm)
  - **C**: 4 5/8" (117 mm)
  - **D**: 3 15/16" (100 mm)
  - **E**: 3 15/16" (100 mm)
  - **F**: 3 15/16" (100 mm)

---

### SMALL HARDWARE DIMENSIONS

- **A**: 3 7/8" (98 mm)
- **B**: 3 3/8" (86 mm)
- **C**: 2 3/4" (70 mm)
- **D**: 2 1/8" (54 mm)
- **E**: 1/16" (1.6 mm)
- **F**: 1 1/4" (32 mm)

### LARGE HARDWARE DIMENSIONS

- **A**: 4 5/8" (117 mm)
- **B**: 4 5/8" (117 mm)
- **C**: 4 5/8" (117 mm)
- **D**: 3 15/16" (100 mm)
- **E**: 3 15/16" (100 mm)
- **F**: 3 15/16" (100 mm)