

# Assembly Instructions

## Legs for StageScreen Projection Screen by Draper

### ⚠ Caution

- ① Read instructions through completely before proceeding; retain for future reference.
- ② Handle viewing surface with care; do not allow it to come in contact with sharp or dirty objects.
- ③ These instructions are based on assembly by a minimum of two people.
- ④ Make sure screen is level.
- ⑤ Do not write on viewing surface.

### Leg Assembly

- ① Open carrying case and remove frame pieces from case.  
**Please Note: Each piece is color-coded: refer to StageScreen Leg Assembly Map included with screen for correct layout (see reverse side).**
- ② Assemble vertical leg sections to the T-Legs by inserting "forks" (pins) of each piece into holes on the adjoining piece (see assembly guide on reverse side). Tighten by turning color-coded attachment knobs (see Fig. 1). **Do not yet attach the horizontal pieces to the T-Legs.**



Figure 1



⚠ **Caution:**  
**Beware of pinch points.**

- ③ Attach Stiffener Bars to outer perimeter tube and hand tighten using attachment knobs (see Fig. 2). **Hand tighten only!**



Figure 2

- ④ For center legs, attach center leg connectors onto the top and bottom of the screen frame (where appropriate) and hand tighten attachment knobs. **Hand tighten only!**
- ⑤ With screen and frame still facing down on floor (see frame assembly instructions), attach assembled vertical leg sections to the inside truss supports on the frame using attachment clamps (see Fig. 3).

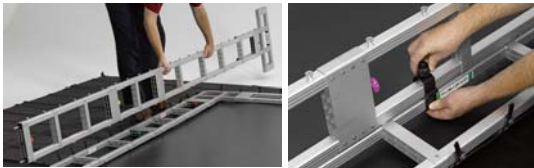


Figure 3

**Please Note: Make sure both legs are in the same vertical position on the frame by lining up cross-braces in same location on both sides (see Fig. 4).**

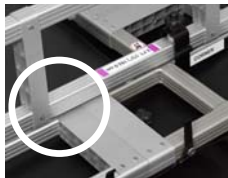


Figure 4

**Please Note:** For alternative assembly with screen surface facing up, assemble legs, place screen and frame on legs and attach with clamps (see Fig. 5).



Figure 5

- ⑥ With screen and frame still on floor, assemble horizontal leg sections (pointing up and away from the screen if screen is face down) to T-Legs (see Fig. 6) and hand tighten attachment knobs. **Hand tighten only!**



Figure 6

- ⑦ Raise StageScreen into vertical position (this step requires **at least** two people, depending on screen size) (see Fig. 7). The Draper UFS StageHand can be used to assist in this step.



Figure 7

- ⑧ Carefully brace/hold StageScreen in place while the remaining horizontal leg sections (pointing away from the front of the screen if screen was assembled face down) to T-Legs and hand tighten attachment knobs. This step requires **at least** two people (see Fig. 8).



Figure 8

- ⑨ Please Note: Optimum distance from floor to bottom of screen frame is approximately 40" (see Fig. 9).

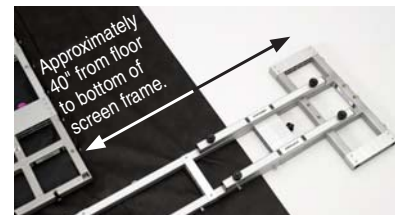


Figure 9

- ⑩ If purchased, attach optional Anti-Sway Stabilizers to inside of legs and bottom of frame (see Fig. 10) using included leg clamps.



Figure 10

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*If you encounter any difficulties assembling your StageScreen, call your dealer or Draper, Inc. in Spiceland, Indiana, 765-987-7999, or fax 765-987-7142.*

# Assembly Instructions

## Center Legs for StageScreen Projection Screen by Draper

### **Caution**

- ① Read instructions through completely before proceeding; retain for future reference.
- ② The order of Stage frame pieces that make up the top and bottom sections must be modified so the frame joints match up to attach the middle leg.
- ③ StageScreens requiring one or more Center Legs are large and heavy, and care must be taken when raising screen into place.
- ④ The screen must be level, and the weight distributed evenly on all legs.
- ⑤ Do not stand beneath the StageScreen as it is being raised to a vertical position.
- ⑥ The ideal temperature range for assembling folding screens to prevent damaging the surface is 68°-78° F (20°-26° C). Assembling below recommended temperatures may damage surface and void warranty.

- ① Assemble and attach outer legs according to the instructions provided with the leg kits.
- ② Determine optimum location for Center Legs. Legs must be placed so Double Stiffeners overlap frame joints. They should be distributed as evenly as possible for proper weight distribution, or to match a multi-image light path.
- ③ Attach Double Stiffeners to StageScreen frame top and bottom (see Fig. 1).

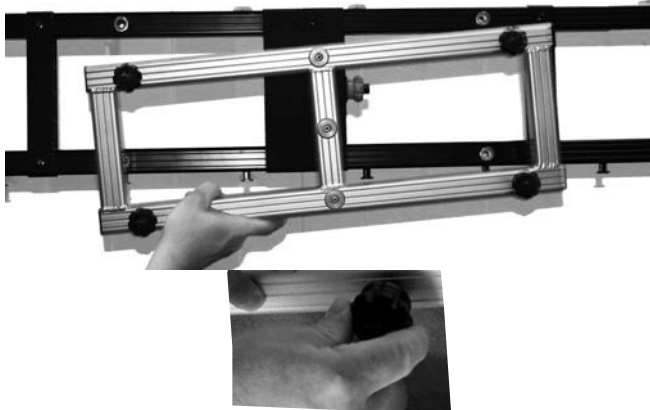


Figure 1

- ④ Measure and match the height of the screen, as Center Legs have to attach at top/bottom of screen frame, and all legs must be placed so that the screen is level.
- ⑤ Assemble Center Legs while screen is still on the ground. Measure from foot to the bottom of the screen—this must match the measurements at the side legs to assure screen is stable and level. Refer to leg assembly maps.
- ⑥ Position the center leg so that it rests against the foot pads on the Double Stiffeners.
- ⑦ Attach Center Legs to Double Stiffeners using Leg Clamps (one per Double Stiffener) (see Figs. 2 and 3).

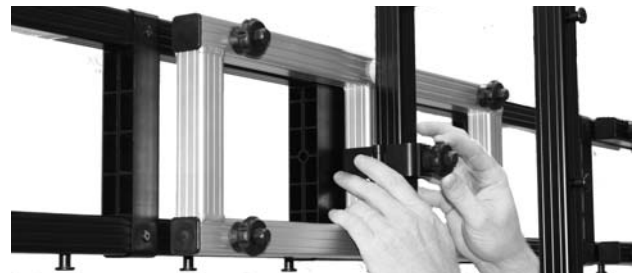


Figure 2

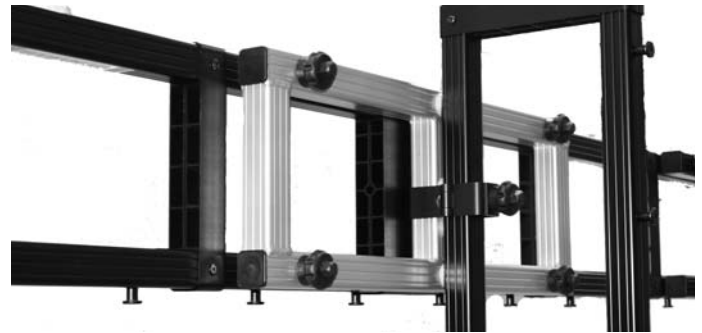
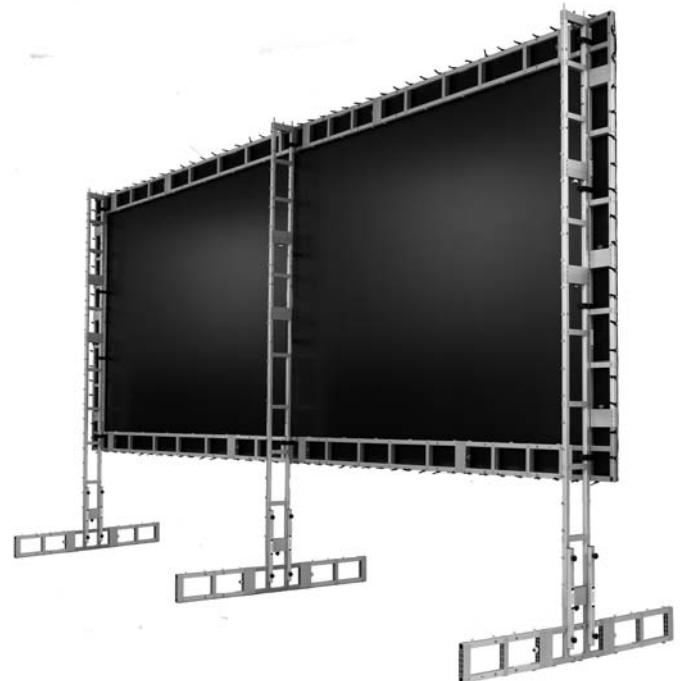


Figure 3

**Please Note: Make sure the Leg Clamps are fully engaged and tightened, and that all three legs extend to the same point at the top of the screen.**

- ⑧ Carefully raise screen to a vertical position. Make sure screen is level and stable, and that the weight is evenly distributed among the legs.



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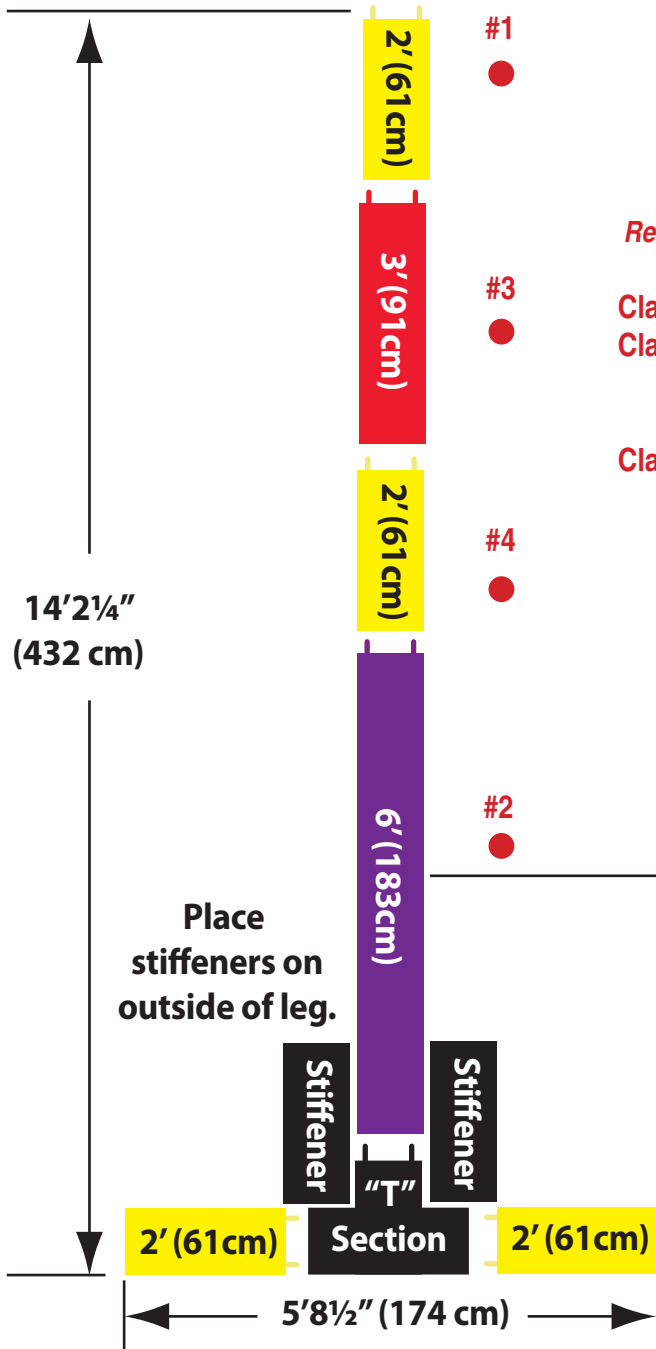
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# StageScreen Projection Screen by Draper—Leg "A" Assembly Map

For use with screen viewing area heights up to 8'.

**⚠ Before you start:**

- Leg sections should be arranged so that:
  - Vertical guide pins point up.
  - Horizontal guide pins point toward T-section.



*Red dots indicate recommended approximate points of attachment for leg clamps. Use the following rules for clamp placement:*

- Clamp #1:** Attach within the top 6" of the leg.
- Clamp #2:** Attach as close to the bottom of the screen frame as possible (normally attaches to the corner section).
- Clamp #3, #4:** Space the clamps equally between clamp #1 and #2.

**Part Numbers**  
 383781—Silver  
 383785—Black

*It is recommended that the bottom of the screen frame be positioned approximately 40" above the floor.*

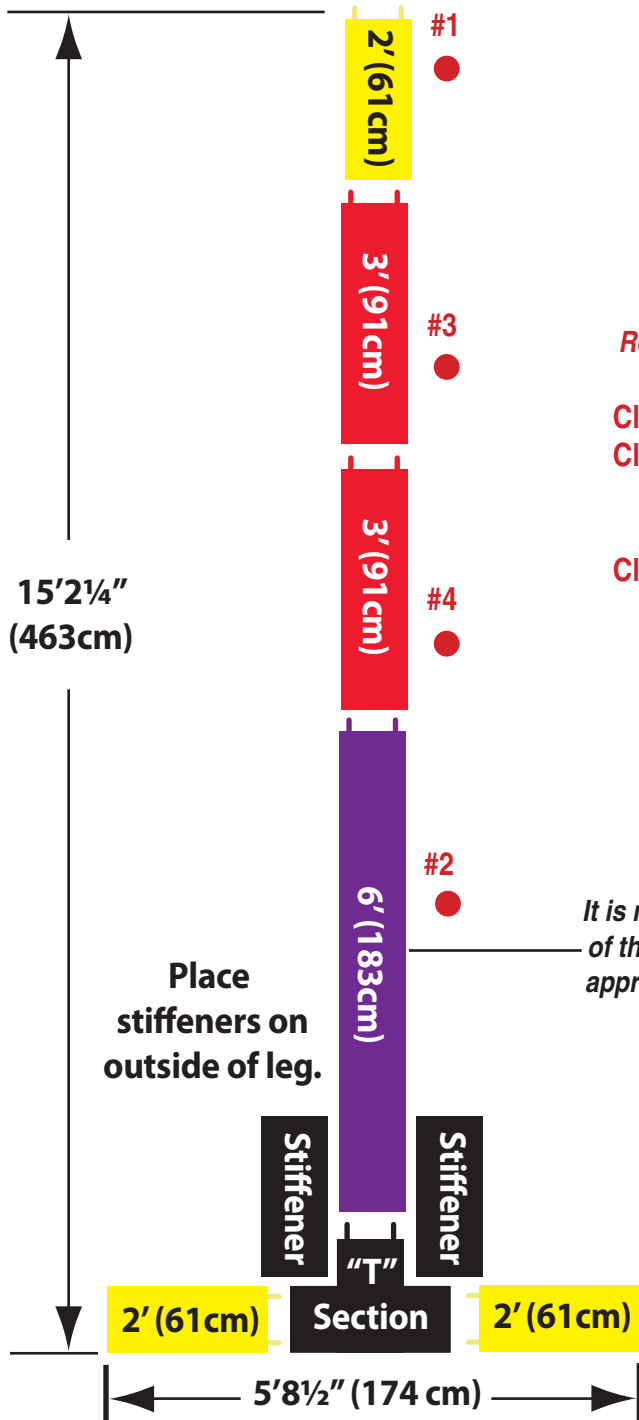


**⚠ Caution:**  
 Beware of pinch points.

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# StageScreen Projection Screen by Draper—Leg "B" Assembly Map

For use with screen viewing area heights from 8'1" to 10'6".



**⚠ Before you start:**

- Leg sections should be arranged so that:
  - Vertical guide pins point up.
  - Horizontal guide pins point toward T-section.

*Red dots indicate recommended approximate points of attachment for leg clamps. Use the following rules for clamp placement:*

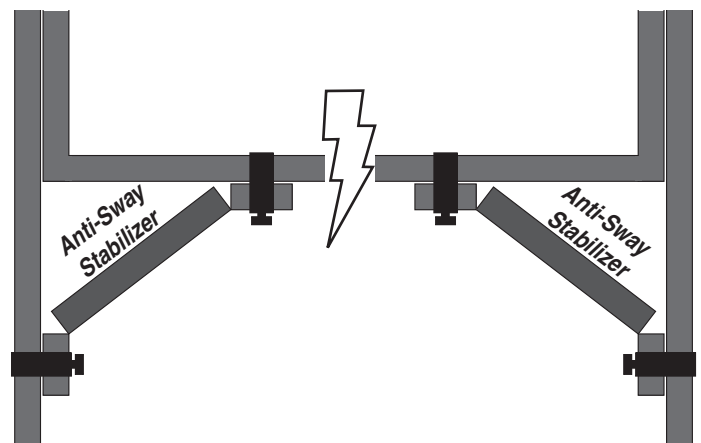
- Clamp #1:** Attach within the top 6" of the leg.
- Clamp #2:** Attach as close to the bottom of the screen frame as possible (normally attaches to the corner section).
- Clamp #3, #4:** Space the clamps equally between clamp #1 and #2.

**Part Numbers**  
 383782—Silver  
 383786—Black

*It is recommended that the bottom of the screen frame be positioned approximately 40" above the floor.*



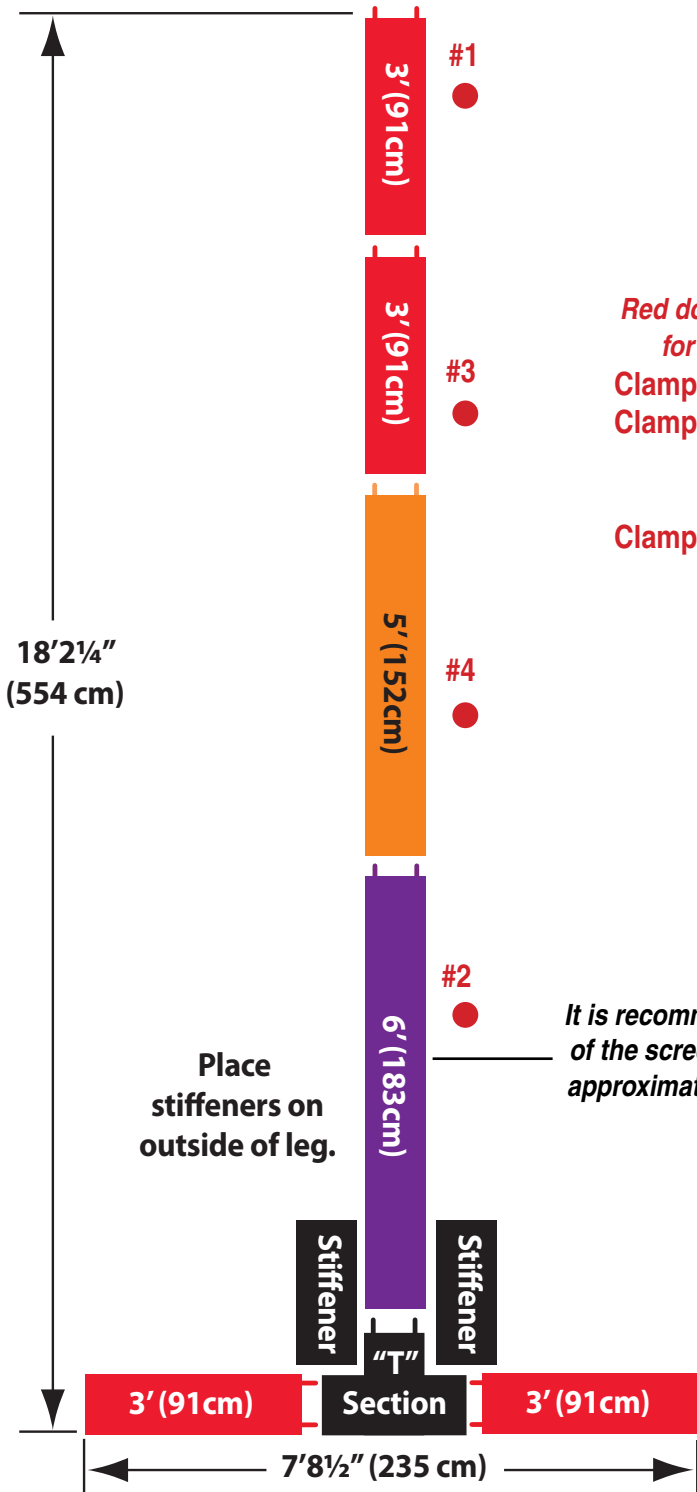
**⚠ Caution:**  
 Beware of pinch points.



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# StageScreen Projection Screen by Draper—Leg "C" Assembly Map

For use with screen viewing area heights from 10'7" to 13'6".



**⚠ Before you start:**

- Leg sections should be arranged so that:
  - Vertical guide pins point up.
  - Horizontal guide pins point toward T-section.

*Red dots indicate recommended approximate points of attachment for leg clamps. Use the following rules for clamp placement:*

- Clamp #1:** Attach within the top 6" of the leg.
- Clamp #2:** Attach as close to the bottom of the screen frame as possible (normally attaches to the corner section).
- Clamp #3, #4:** Space the clamps equally between clamp #1 and #2.

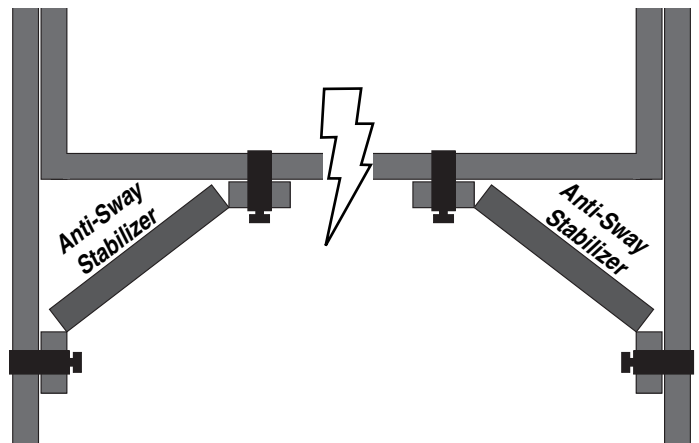
**Part Numbers**  
 383783—Silver  
 383787—Black

Place stiffeners on outside of leg.

It is recommended that the bottom of the screen frame be positioned approximately 40" above the floor.



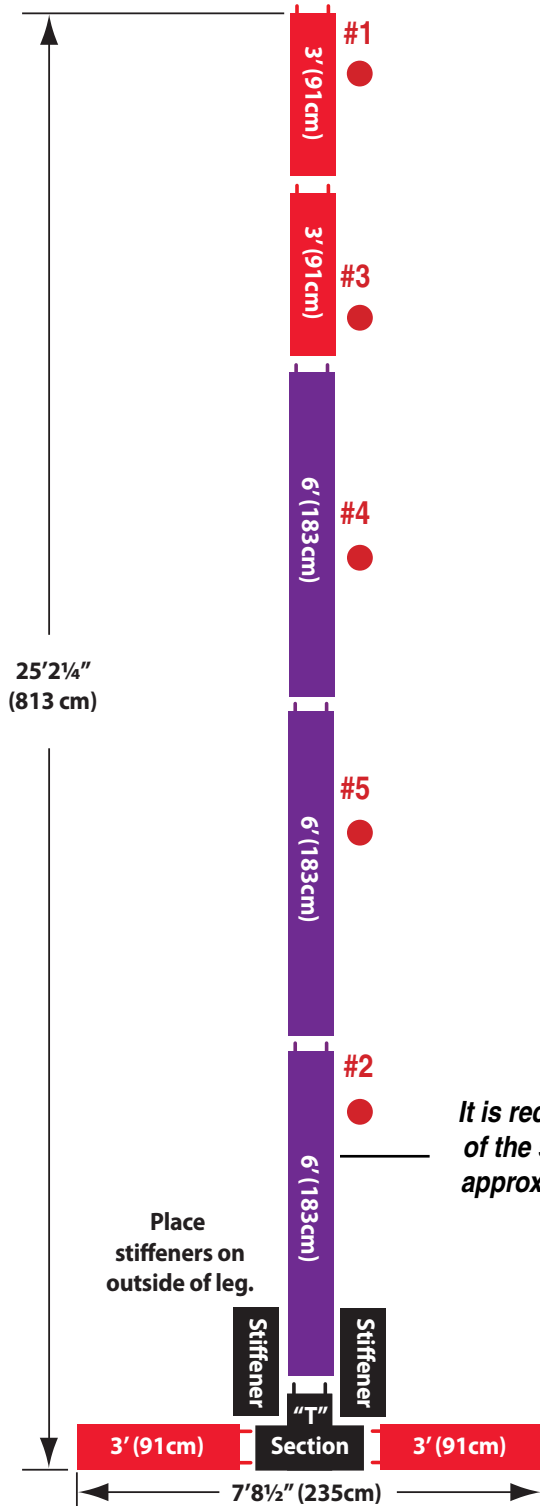
**⚠ Caution:**  
 Beware of pinch points.



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# StageScreen Projection Screen by Draper—Leg "D" Assembly Map

For use with screen viewing area heights exceeding 13'7".



**⚠ Before you start:**

- Leg sections should be arranged so that:
  - Vertical guide pins point up.
  - Horizontal guide pins point toward T-section.

*Red dots indicate recommended approximate points of attachment for leg clamps. Use the following rules for clamp placement:*

- Clamp #1:** Attach within the top 6" of the leg.
- Clamp #2:** Attach as close to the bottom of the screen frame as possible (normally attaches to the corner section).
- Clamps #3, 4, 5:** Space the clamps equally between clamp #1 and #2.

**Part Numbers**  
 383784—Silver  
 383788—Black



**⚠ Caution:**  
 Beware of pinch points.

*It is recommended that the bottom of the screen frame be positioned approximately 40" above the floor.*

