



Access Torsion Spring Ceiling System

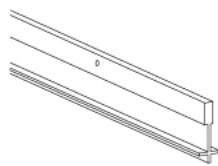
I. Inspection

- **Freight Damage:** Inspect cartons for obvious damage before accepting and note on delivery ticket.
- **Concealed Damage:** Notify Conwed of any concealed damage within five (5) business days of receipt. Claims beyond five (5) days will be honored at the discretion of Conwed or the freight company.
- Do not install panels of unacceptable quality. Contact your sales representative immediately. Conwed will not be responsible for installation or removal costs of unacceptable panels.

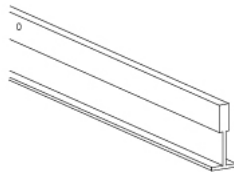
II. Handling & Storage

- Clean white gloves must be used whenever handling ceiling panels.
- Store panels on a flat, dry, solid surface. Do not store on edge.
- Keep panels dry, clean and free from dust and damage.

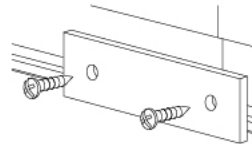
System Components



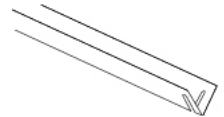
Cruciform Grid



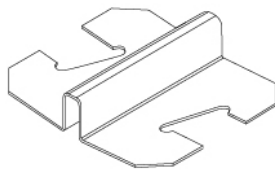
Perimeter Grid



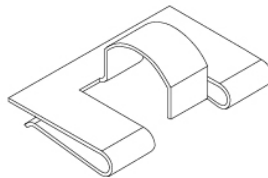
Grid Connector



Spacer Bar



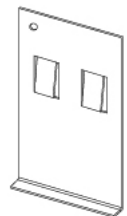
Saddle Clip



Spring Retainer Clip



Torsion Spring



Panel Pull Tool

Disclaimer: The following are guidelines given in good faith to help avoid common errors. They are not intended to be a step-by-step list of instructions or a checklist, and it is assumed the installer has general construction knowledge. Conwed bears no responsibility for any installation actions taken or not taken, and is not responsible for installer selection.

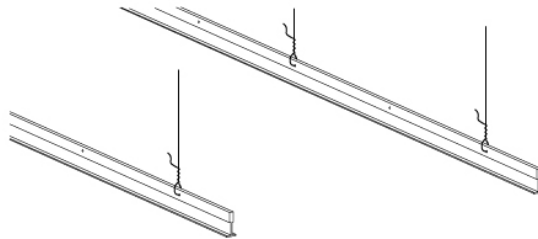


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III. System Installation

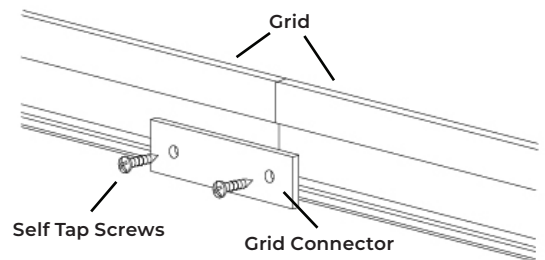
1. Review layout drawings and determine location of hardware. Panels are labeled on the back to correspond with installation drawings.
2. Hang Grid Mains using methods for standard grid (ASTM C 636). A minimum of one (1) wire every 4' along grid mains is recommended, follow local codes.
3. Install Grid Connectors as required at grid joints. Fasten onto the web of the grid joint with 2 self tapping screws.
4. Install Spring Retainer Clips and Torsion Springs
 - a. On the long side of the panel (unless otherwise specified) apply 1 spring on each end as shown. Add additional springs (and center) depending on length: More than 36" add 1, more than 60" add 2, more than 84" add 3, more than 108" add 4 (total of 6 springs per side, or 12 per panel).
 - b. Note that spring hardware positioning is flexible; however do not use less than the recommended amount of springs!

2.



Best Practice: Keep wires plumb to Grid Mains

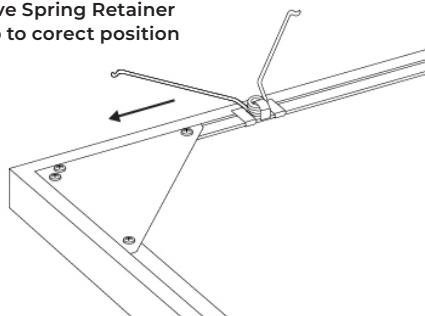
3.



Install Grid Connectors at the web or thin part of the grid

4.

Move Spring Retainer Clip to correct position



Torsion Spring fits tight against corner gusset



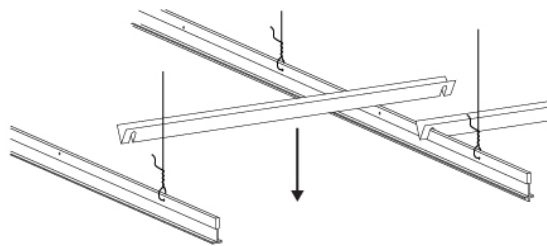
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III. System Installation (continued)

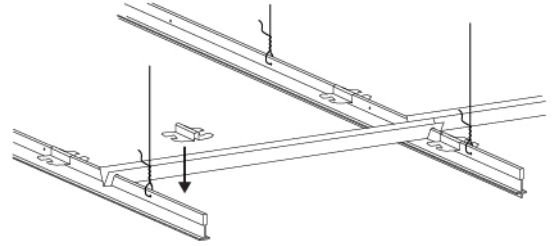
5. Install Spacer Bars and Saddle Clips
 - a. Transfer the spacing of the Spring Retainer Clips on the panels to the grid and apply Saddle Clips.
 - b. Install Spacer Bars as shown. Note: When working around ceiling obstructions, the Spring Retainer Clips and Saddle Clips can be moved when necessary.
6. Hang each panel from one side by securing the Torsion Springs into the Saddle Clips. Note that interior panels and perimeter panels hang from opposite sides of the Saddle Clip!
7. Swing the panel to a horizontal position and attach the remaining springs. Engage as shown. Common practice is to install one row at a time.

5.

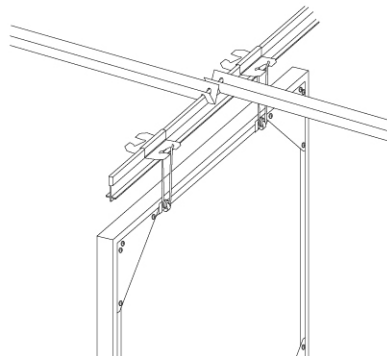
Spacer Bars are installed about every 4' and are staggered. Note: perimeter Spacer Bars are shorter!



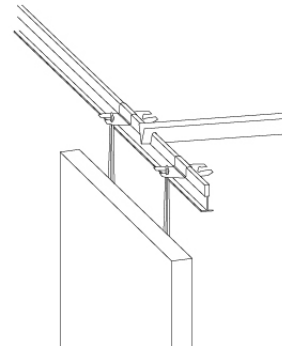
Saddle Clip spacing must match spring placement on panels.



6.

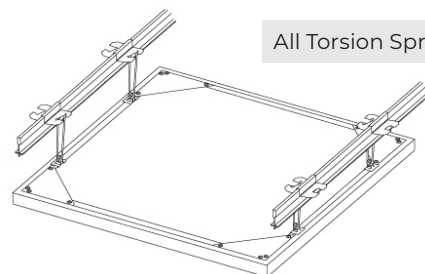


Interior panel is shown in a hanging position

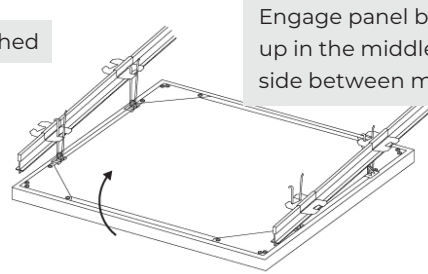


Perimeter panel is shown in a hanging position. Note Perimeter grid.

7.



All Torsion Springs attached



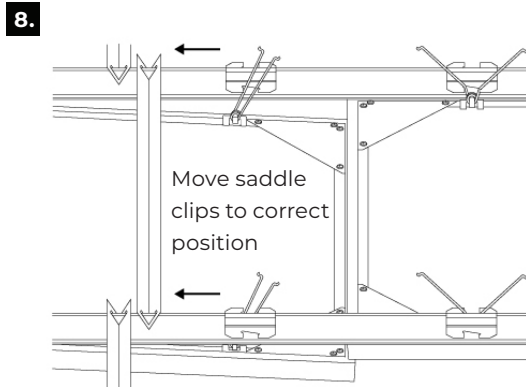
Engage panel by pushing up in the middle of a panel side between main grids.



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III. System Installation (continued)

8. Panels must be aligned one-at-a-time as installed. Usually, aligning Saddle Clips or Spring Retainer Clips to ensure springs are in the right place and vertical will resolve alignment issues. Attempting to install all panels and then aligning as a second step will result in failure!

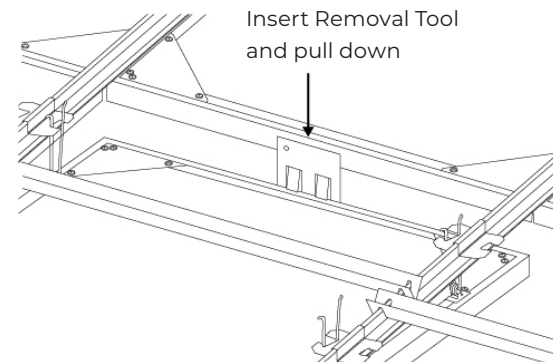


Torsion Springs must be vertical and panel in proper alignment before installing the next panel!

IV. Penetrations

- Penetrations are handled similar to most drop-ceiling applications. Use escutcheon plates where appropriate for penetrations.
- Avoid cutting near panel frames. 3" minimum is recommended.
- Independently support all suspended items including sprinklers, lights, diffusers and etceteras.

V. Removal



Insert Removal Tool in the middle of panel side between main grids and pull down

VI. Care & Cleaning

For fabric and painted finishes, general maintenance for dust removal is light brushing or vacuuming. Fingerprints and light soiling can often be removed using a dry chemical sponge or an art gum eraser. For more vigorous treatments on fabric covered panels, the fabric manufacturer should be consulted. Most polyester fabrics clean well by sponging with the foam from a mild detergent or upholstery shampoo, followed by rinsing with a clean sponge. Other cleaning agents, including solvent-based cleaners can be used to remove spotting, however always pretest in an unseen area.