INTRODUCING NEW Suspend-It™

• DROP CEILING INSTALLATION •

Ceiling Grid Installation Kit

STK# 8865

12 per case (carded)

Kit Contains:

- 18 Gauge Hanger Wire - 64 ft
- 2 Grid Clamps
- 1 Eye lag Screw Drill Adapter
- 50' Leveling line
- 20 White Rivets
- 16 Eye Lag Screws for Wood Joists
- Installation Instructions

Mounting Clips

4/pack

STK# 8862

12 per case (carded)

- For mounting electrical boxes, fire detectors, or other devices from main tees

- For punching holes in main tees for hanger wire attachment
- For punching pilot holes in wall angle, in tees or cross tees that need to be secured with rivets

Grid Punch - 1/8"

STK# 8866

6 per case (carded)

Grid Clamps

6/pack

STK# 8861

12 per case (carded)

- For temporarily securing main and/or cross tees to wall angles when riveting

Panel Clips

20/pack

STK# 8863

12 per case (carded)

- For holding ceiling tile panels secure against the grid in drafty areas

Eye Lag Screw Drill Adapter

STK# 8858

24 per case (carded)

For use with any 3/8" power drill for easy installation of eye lag screws

Order Toll Free: (800) 777-TOOL (8665) or Fax: (561) 241-2830

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Call for inquires

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Continued

12 Gauge Hanger Wire -100 ft

STK# 8850

12 per case (carded)

- For suspending main tees from eye lag screws in commercial applications

Item#	Description	
8851	18 Gauge Hanger Wire-300 ft	12 per case (carded)

Heavy Duty Hanger Wire Installation Kit -12 Gauge

STK# 8853

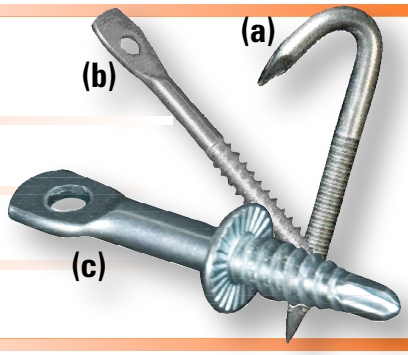
12 per case (carded)

Kit Contains:

- 9 pieces of 45" long, 12 Gauge hanger wire
- 9 eye lag screws for wood joists

Item#	Description	
8854	Light Duty Hanger Wire Installation Kit -18 Gauge	12 per case (carded)

Item#	Description	
8855	Wire Fastening Nail Hooks - 20 pk (a)	12 per case (carded)
8856	Eye Lag Screws for Wood Joists - 100 pk (b)	12 per case (carded)
8857	Eye Lag Screws for Metal Joists - 50 pk (c)	12 per case (carded)



Light Duty Ceiling Hooks

STK# 8864 / 4-pk

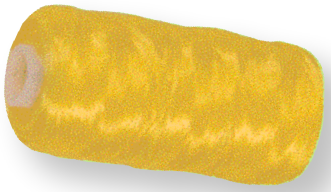
24 per case (carded)

- For hanging light-weight objects such as plants, signs and decorations from the ceiling tees

Leveling Line - 450 ft

STK# 8860

12 per case (carded)



- For use in leveling and squaring suspended ceiling grid

White Rivets

100/pack

STK# 8859

24 per case (carded)

- For riveting acoustical ceiling tile tees to perimeter wall angles at 4ft intervals

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Suspend-It

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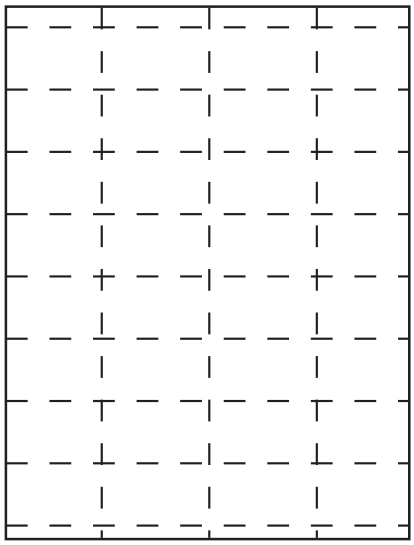
Suspended Ceiling Kit Instructions

Refer to the acoustical ceiling tile/grid manufacturer's planning and installation guides for proper instructions.

Terminology
Wall angle: "L" shaped perimeter runner
Main Tees: Longest and strongest shaped runner
Cross Tees: 2 ft. or 4 ft. secondary runner

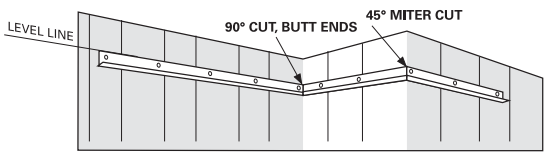
Before Starting

1. Measure the room and draw to scale.



2. Draw or snap a chalk centerline parallel to the longest side of the room.
3. Draw or snap chalk lines parallel to centerline at 4 ft. intervals.
- If more than 2 ft. remains between the outside lines and the walls, position the Main Tees at these marks.
- If less than 2 ft. remains, position the Main Tees beginning 2 ft. on either side of centerline at 4 ft. intervals.
4. Beginning at the center of the room, draw Cross Tees 2 ft on center, perpendicular to Main Tees.
5. Add 2 ft. Cross Tees for 2 ft. x 2 ft. tiles.

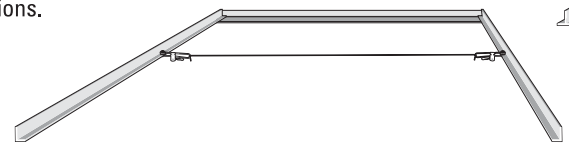
Perimeter Angles



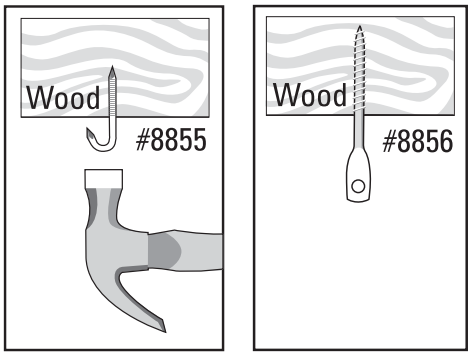
1. Draw or chalk a level line (parallel to the ceiling) on the perimeter walls 2-1/4 in. (minimum) below the lowest duct or obstacle.
2. Nail the Wall Angles under the level line using 6D nails at joists. To make nailing easier, pre-drill the wall angle using a 1/8 in. drill bit or 1/8 in. Grid Punch (#8866).
3. Using snips or a hacksaw, cut the wall angle corners: 90° cuts at the inside corners and 45° cuts at the outside corners.

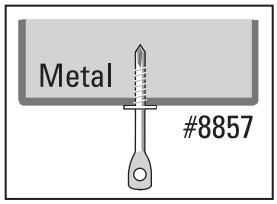
Main Tees

1. Referencing your room diagram, mark the position of the Main Tees on the perimeter Wall Angle. Select one set of marks and use the Grid Clamps (#8861) to stretch the leveling line across the room. (Maintain at least a 3 in. clearance below the lowest pipe, duct or beam, when determining your ceiling height.)

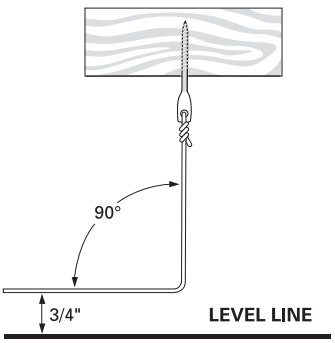


2. Suspend-It offers three different types of wire hooks for use with different ceiling materials. For wood use either Wire Fastening Nail Hooks (#8855) or Wood Eye Lag Screws (#8856) . For metal ceilings, use Metal Eye Lag Screws (#8857). Each comes with installtion instructions. Install hooks at 4 ft. intervals along the position the main tees will occupy. Make certain all hooks are firmly planted into the ceiling before attaching hanger wire.

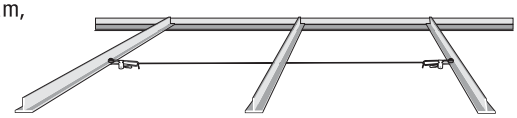




3. Attach the Hanging Wire (#8850 or #8851) to the Hooks. At ¾" above the Leveling Line, bend the hanger wires at a 90° angle. Repeat steps 1,2 and 3 for each of the Main Tees.
Pre-cut wire lengths are available for smaller suspensions (#8854)



4. Refer back to your room diagram and use the Grid Clamps to stretch the Leveling Line (#8860) perpendicular to the Main Tees locating the first row of Cross Tees.



5. To install the Main Tees, trim them so that the slot for the first row of Cross Tees lines up with the Leveling Line.

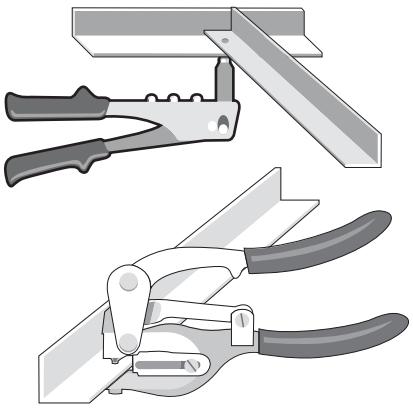
6. Hang the Main Tees by pulling each Hanger Wire through a hanger hole on the Main Tees, bending and twisting it at least 3 times. If there isn't any conveniently located hanger hole, make one by using a drill and a 1/8 in. bit or by using the 1/8 in. Grid Punch (#8866).

Cross Tees

1. Install the Cross Tees by pushing the ends through the Main Tees slots until a "click" is heard. Where two Cross Tees intersect in the same slot, be sure to insert the second Cross Tees to the left of the first Cross Tee end.
2. For a 2 ft. x 2 ft. grid pattern, bisect each 2 ft. x 4 ft. module with a 2 ft. Cross Tee.

Perimeter

1. Every 4 ft. along the perimeter Wall Angle, the Main Tee or Cross Tee should be fastened with a White Rivet (#8859). Pre-punch the tees and wall angles with the 1/8 in. Grid Punch then fasten the rivet with a pop rivet tool.



Install Panels

Install the ceiling panels by tilting each panel up through the opening and lowering it to rest squarely on all tees.

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