

Installation & Assembly - Two Piece Suspended Ceiling Plate for Jumbo Mounts

Model: CMJ453



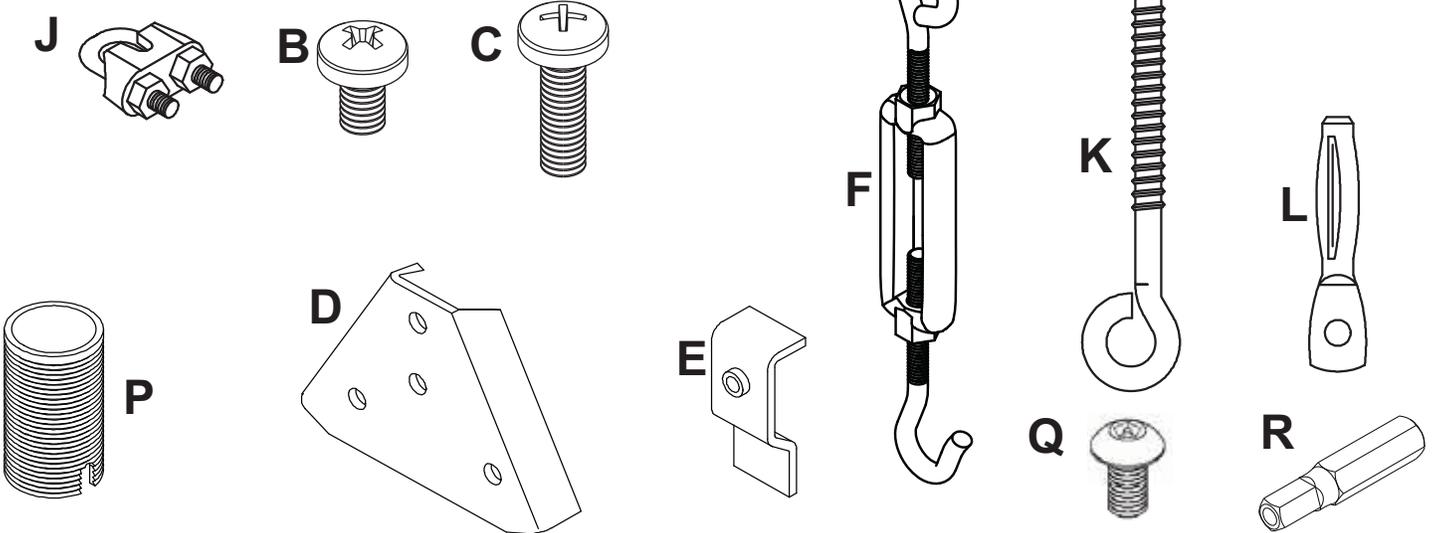
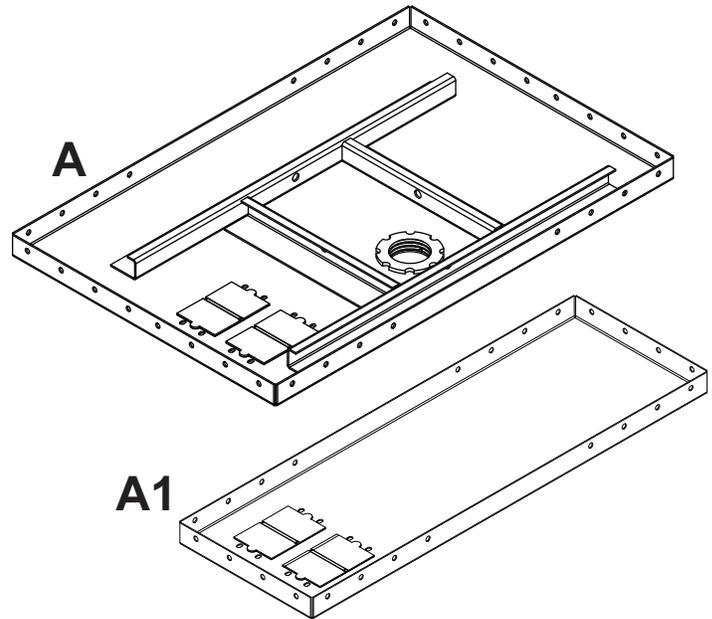
This product is intended for use with UL Listed products and must be installed by a qualified professional installer.

Max. Load Capacity : 250 lb (113.4 kg)

This Suspended Ceiling Plate is intended for use only to support Jumbo Mount TV Brackets or other products as specified by Peerless. Combine only as specified (see specifications on page 3).

Parts List

Description	Qty.	Part #
A ceiling tray	1	128-2185
A1 filler tray	1	128-2207
B 10 mm long phillips screw	8	520-9401
C 20 mm long phillips screw	4	520-9402
D hanger bracket	4	1452-278
E hanger bracket clamp	4	1452-279
F turnbuckle	4	560-9620
G 20' (6.1 m) tie wire (not shown)	1	1450-522
H safety cable (not shown)	1	1450-517
J safety cable clamp	2	1450-518
K eye bolt	5	580-0006
L concrete anchor	5	580-0005
M 1/4"-20 x 3/8" screws (not shown)	4	520-2015
N 1/4"-20 nuts (not shown)	4	530-9302
O allen wrench (not shown)	1	560-9706
P flush mount tube	1	1446-014S
Q M5 x 10 mm penta pin screw	1	505-9010
R M5 x 1" penta pin driver	1	520-9249



⚠ WARNING

- Weight of TV or screen shall not exceed maximum load capacity.

TWO PIECE SUSPENDED CEILING PLATE FOR JUMBO MOUNTS - SPECIFICATIONS

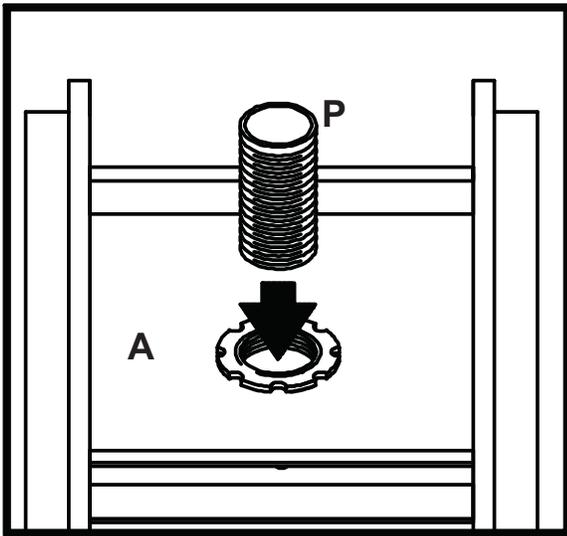
Model Number	Max. Load Capacity		Compatible Jumbo Mount Models
	Concrete	Wood	
CMJ453	250 lb (113.4 kg)	250 lb (113.4 kg)	JM2630, JM2640, JM2640D, JM2650, JM2650D, JM2655, JM2660, JM2665, JM2670, JM2675

IMPORTANT PRE-ASSEMBLY INFORMATION:

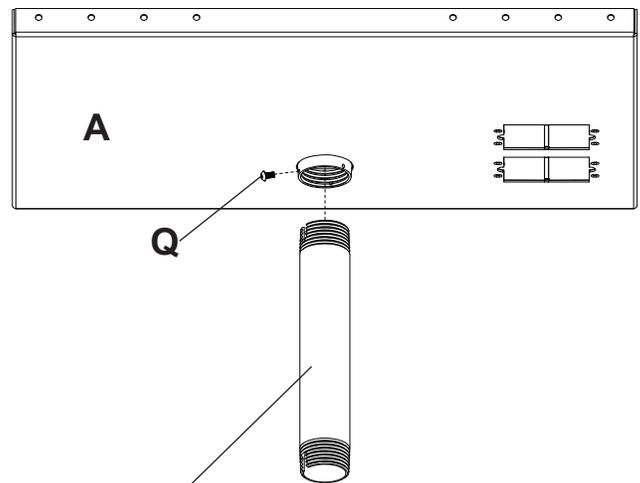
Ceiling Trays (**A**), and (**A1**) are designed to fit within a 24" (610 mm) x 24" (610 mm) section of a conventional suspended ceiling system. Ceiling runners (see **DETAIL 1, page 4**) should have a "T" cross section and a minimum height of 1.5" (38 mm). In cases where 24" (610 mm) x 48" (1219 mm) ceiling tiles are used, cut one tile in half and add another 24" (610 mm) ceiling runner in order to make a 24" (610 mm) x 24" (610 mm) section.

For certain installations it may be best to install ceiling anchors (**step 4**) before installing the ceiling tray (**step 3**).

- 1 For FLUSH MOUNT TUBE Installation:** From the top, thread the Flush Mount Tube (**P**) through retaining collar in Ceiling Tray (**A**).
Skip to step 3.

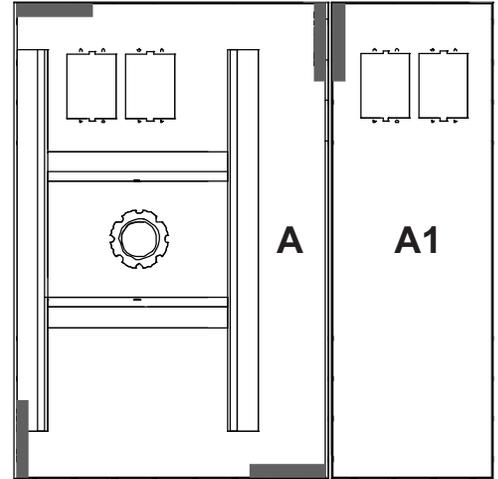
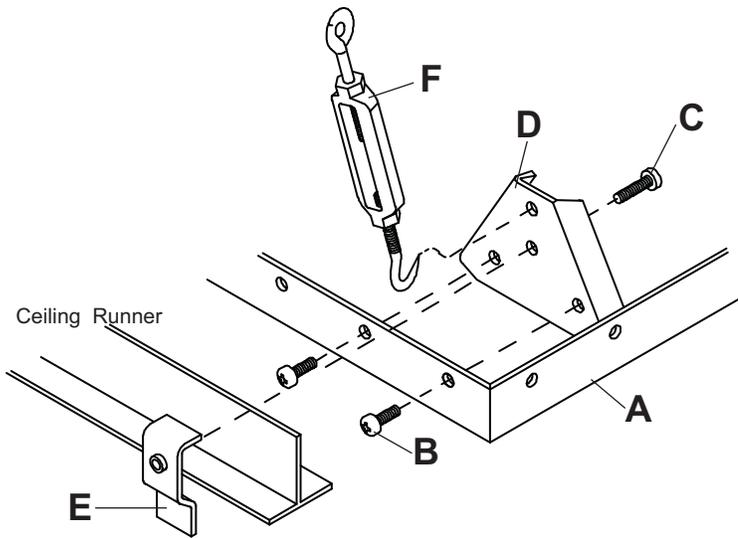


- 2 For EXTENSION COLUMN Installation:** From the bottom up, thread extension column (not included) up through retaining collar in adjustable collar mount plate. Align notch in extension column with hole in collar and fasten using M5 x 10 mm penta pin screw (**Q**) with M5 penta pin driver (**R**) as shown below.

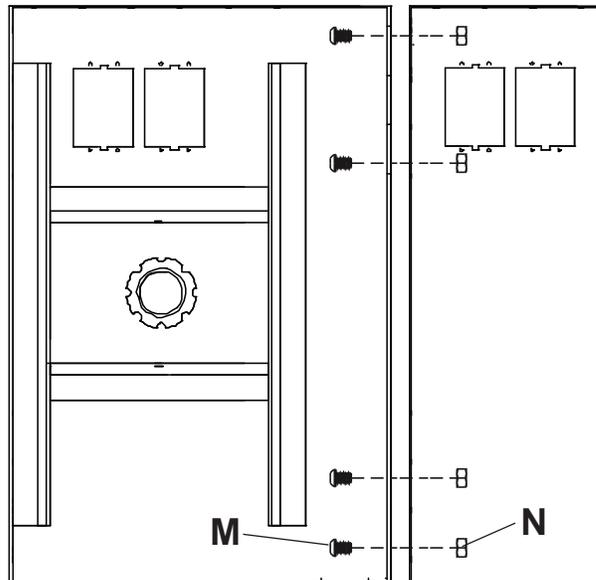


1 1/2" EXTENSION COLUMN
(SOLD SEPARATELY)
(UL LISTED EXT OR AEC SERIES)

- 3** Attach four Hanger Brackets (**D**) to four corners of Ceiling Tray (**A**) using 10 mm long phillips screws (**B**). Place Ceiling Tray (**A**) into 24" (610 mm) x 24" (610 mm) opening in ceiling (in place of a ceiling tile) with retaining collar to center, right, or left. Place Filler Tray (**A1**) into gap. Attach Ceiling Tray (**A**) to Filler Tray (**A1**) using four bolts (**M**) and nuts (**N**). Clamp Ceiling Tray (**A**) to Ceiling Runners using Hanger Bracket Clamps (**E**) and 20mm long phillips screws (**C**). Hook Turnbuckles (**F**) into Hanger Brackets (**D**). Hook one Turnbuckle through (**A1**) and (**A**) where indicated by black rectangle.



TOP VIEW - CEILING TRAY
Black rectangles show correct positions for Hanger brackets.



4 Cut tie wire (G) into four pieces of equal length. Insert wires through ends of turnbuckles. Twist each wire around itself at least four times.

Drill holes for four ceiling anchors (see "Various Anchoring Methods"). Position the holes so that when the tie wires (G) are attached and taut will angle out at 15°. Drill a fifth anchor hole directly above the center of the retaining collar in ceiling tray.

Pull tie wires tight and attach to ends of ceiling anchors (or truss). Again twist each wire around itself at least four times.

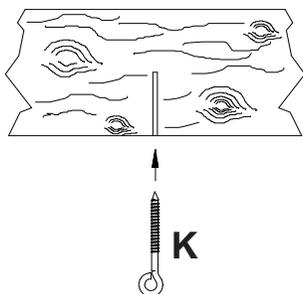
When this step is complete, the weight of the ceiling tray should be supported by the tie wires.

Note: 20' (6.1 m) of tie wire (G) is provided. If space between the true ceiling and suspended ceiling is more than 36" (914 mm), additional wire (12 gauge annealed, steel, black) will be needed. Longer safety cable (H) may also be needed.

VARIOUS ANCHORING METHODS

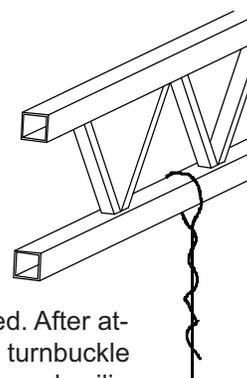
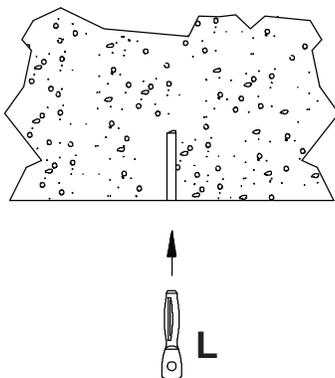
Wood Joists or Beams

Drill 5/32" (4 mm) dia holes 2" (51 mm) deep. Fully insert eye bolts (K).



Solid Concrete

Drill 1/4" (6 mm) dia. holes 1.5" (38 mm) deep. Hammer in Concrete Anchor (L) using Rawl #3250 setting tool or equivalent.



Truss Ceiling

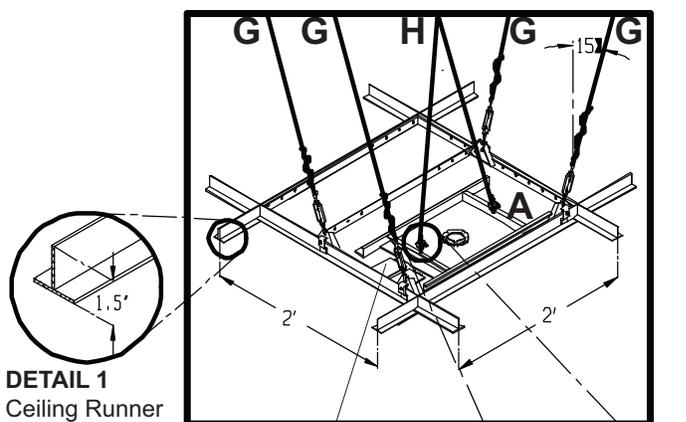
No anchor required. After attaching tie wire to turnbuckle loop upper end around ceiling truss. Pull tie wire tight and twist it around itself at least four times.

WARNING

- Installer must verify that the ceiling will safely support four times the combined weight of all attached equipment and hardware.
- Never attach hooks to filler tray.

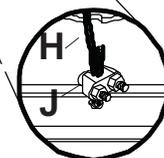
5 Run the safety cable (H) through the remaining ceiling anchor. Pass each end through holes in ceiling plate reinforcements and join with cable clamp (J). **DO NOT TIGHTEN YET!**

Suspended Ceiling Kit installation is now complete. After all components (Jumbo Mount, Extension Column, etc.) and equipment (monitor, VCR, etc.) have been attached, tension the tie wires by adjusting turnbuckles (F). **Load must be carried by tie wires - not suspended ceiling runners.** Finally, take up the slack in safety cable (H) leaving it slightly loose. Tighten both safety cable clamps (J).



DETAIL 1
Ceiling Runner

Knockout panels are provided for electrical outlet boxes and antenna leads.



DETAIL 2
Safety Cable and Cable Clamp.

LIMITED FIVE-YEAR WARRANTY

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Any other warranties prescribed by the law which may apply with respect to such products also are limited in duration to the warranty period specified in this Limited Five-Year Warranty.

This warranty does not cover damage caused by (a) service or repairs by the customer or a person who is not authorized for such service or repairs by Peerless Industries, Inc., (b) the failure to utilize proper packing when returning the product, (c) incorrect installation or the failure to follow Peerless' instructions or warnings when installing, using or storing the product, or (d) misuse or accident, in transit or otherwise, including in cases of third party actions and force majeure.

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