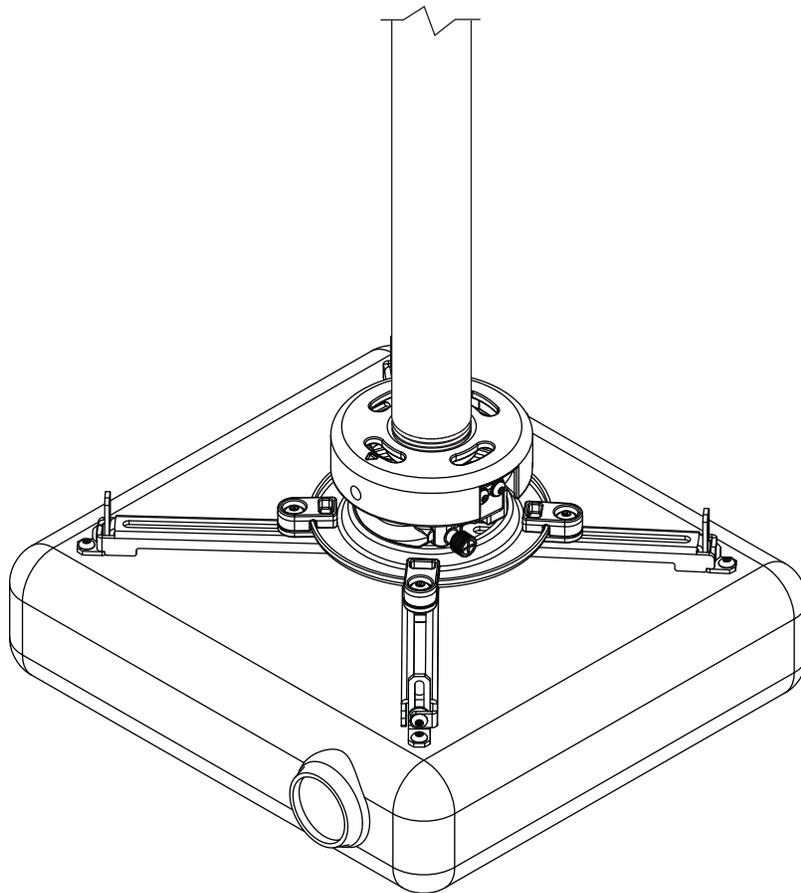




Installation and Assembly

Model: PRS-KIT0811, PRS-KIT1420, PRS-KIT2026



Max UL Load Capacity: 25 lb (11.3 kg)

Note: Read entire instruction sheet before you start installation and assembly.

WARNING

- Do not begin to install your Peerless product until you have read and understood the instructions and warnings contained in this Installation Sheet. If you have any questions regarding any of the instructions or warnings, for US customers please call Peerless customer care at 1-800-865-2112, for all international customers, please contact your local distributor.
- This product should only be installed by a qualified professional.
- Make sure that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Never exceed the Maximum UL Load Capacity. See page one.
- If mounting to wood wall studs, make sure that mounting screws are anchored into the center of the studs. Use of an "edge to edge" stud finder is highly recommended.
- Always use an assistant or mechanical lifting equipment to safely lift and position equipment.
- Tighten screws firmly, but do not overtighten. Overtightening can damage the items, greatly reducing their holding power.
- This product is intended for indoor use only. Use of this product outdoors could lead to product failure and personal injury.
- This product was designed and intended to be mounted to the following supporting surfaces checked below with the hardware included in this product as specified in the installation sheet. To mount this product to an alternative supporting surface, contact Peerless customer care at 1 800 865-2112.
- This product was designed to be installed on the following wall construction only;

WALL CONSTRUCTION

- Wood Joist
- Wood Beam
- Solid Concrete
- Other or unsure?

HARDWARE REQUIRED

- Included
- Included
- Included
- Contact Qualified Professional (not evaluated by UL)

Tools Needed for Assembly

- stud finder ("edge to edge" stud finder is recommended)
- phillips screwdriver
- drill with 5/16" and 5/32" drill bits

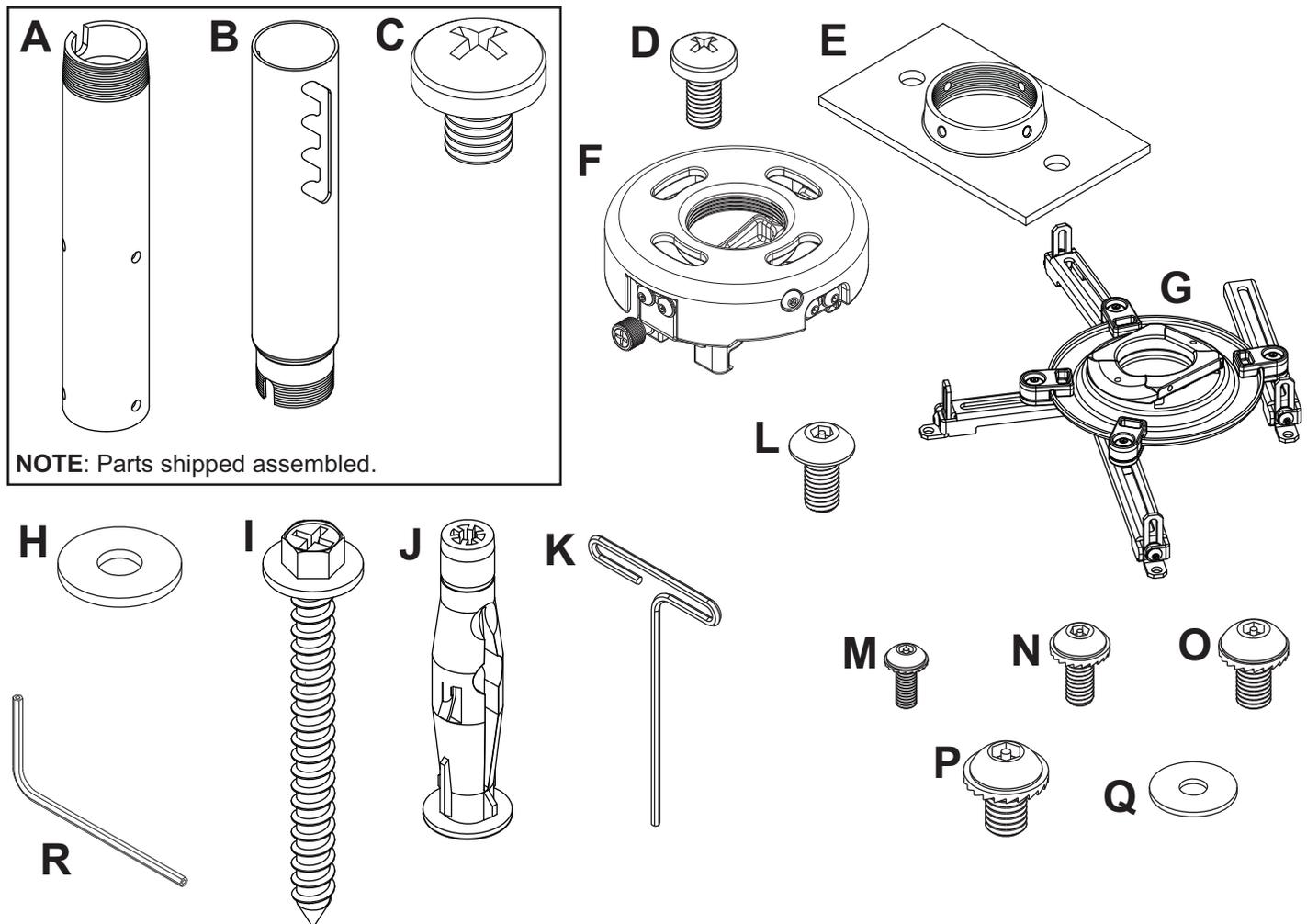
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Before you begin, make sure all parts shown are included with your product.

Parts List Description	Qty.	PRS-KIT0811	PRS-KIT1420	PRS-KIT2026
		Part #	Part #	Part #
A extension tube	1	154-1099	154-1100	154-1101
B adjuster tube	1	154-1095	154-1096	154-1096
C M8 x 10 mm phillips screw	2	520-1605	520-1605	520-1605
D M5 x 10 mm phillips screw	1	520-9250	520-9250	520-9250
E ceiling plate	1	580-1042	580-1042	580-1042
F projector mount assembly	1	054-1174	054-1174	054-1174
G universal adapter plate	1	055-1938	055-1938	055-1938
H flat washer	2	540-1078	540-1078	540-1078
I #14 x 2.5 phillips hex head wood screw	2	5S1-015-C03	5S1-015-C03	5S1-015-C03
J concrete anchor	2	590-0320	590-0320	590-0320
K 4 mm security t-wrench	1	560-1718	560-1718	560-1718
L #10-32 x 1/4" socket pin screw	1	520-1196	520-1196	520-1196
M M3 x 8 mm socket pin serrated washer head screw	4	510-1004	510-1004	510-1004
N M4 x 10 mm socket pin serrated washer head screw	4	510-1060	510-1060	510-1060
O M5 x 10 mm socket pin serrated washer head screw	4	510-1126	510-1126	510-1126
P M6 x 10 mm socket pin serrated washer head screw	4	510-1066	510-1066	510-1066
Q #6 flat washer	4	540-1025	540-1025	540-1025
R 2 mm security allen wrench	1	560-1097	560-1097	560-1097

Parts may appear slightly different than illustrated.



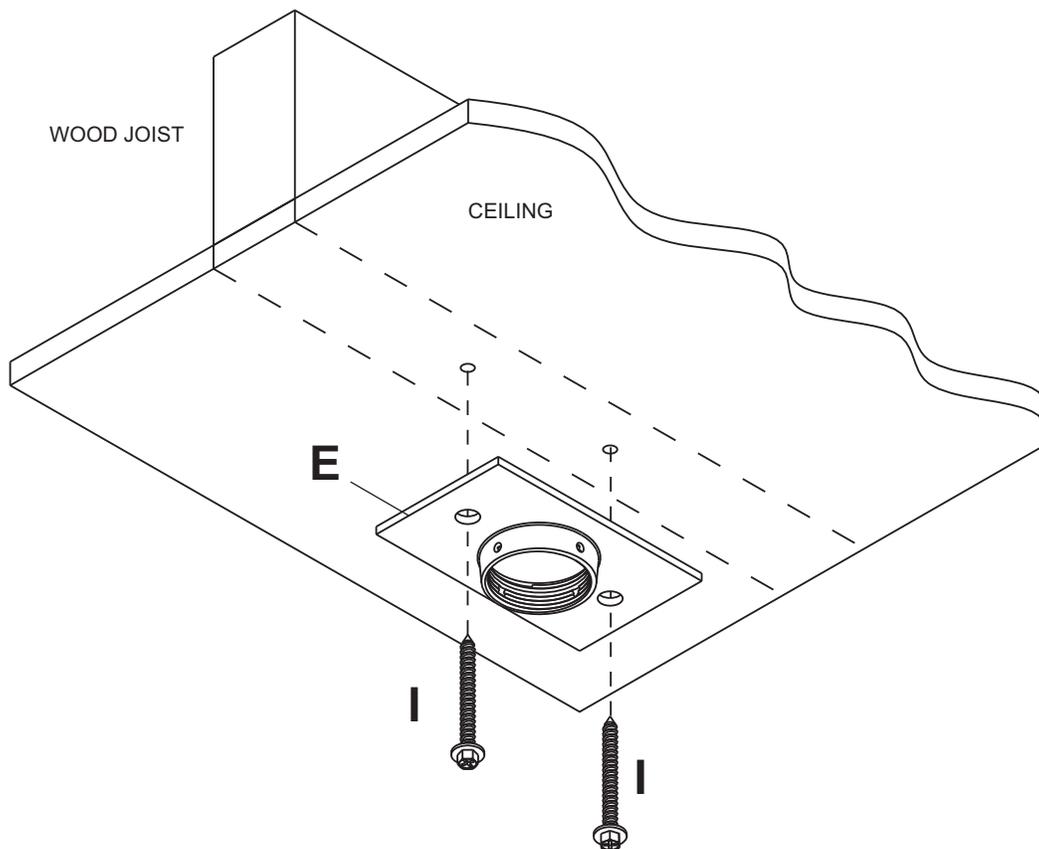
Installation to Wood Joist Finished Ceilings, Exposed Wood Joists, or Wood Beam Ceilings

- 1 Drill two 5/32" (4mm) dia. holes to a minimum depth of 2.5" (64mm). Attach ceiling plate (E) with two #14 x 2.5" (6mm x 65mm) wood screws (I) as shown using a 3/8" (10mm) socket wrench. Tighten wood screws (I) so ceiling plate (E) is firmly attached.

⚠ WARNING

- Tighten wood screws so that ceiling plate is firmly attached, but do not overtighten. Overtightening can damage the screws, greatly reducing their holding power.
- Never tighten in excess of 80 in • lb (9 N.M.).
- Make sure that mounting screws are anchored into the center of the joist. The use of an "edge to edge" stud finder is highly recommended.

Skip to step 2 on page 6.



Installation to Concrete Ceilings

⚠ WARNING

- Concrete must be 2000 psi density minimum. Lighter density concrete may not hold concrete anchor.
- Make sure that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.

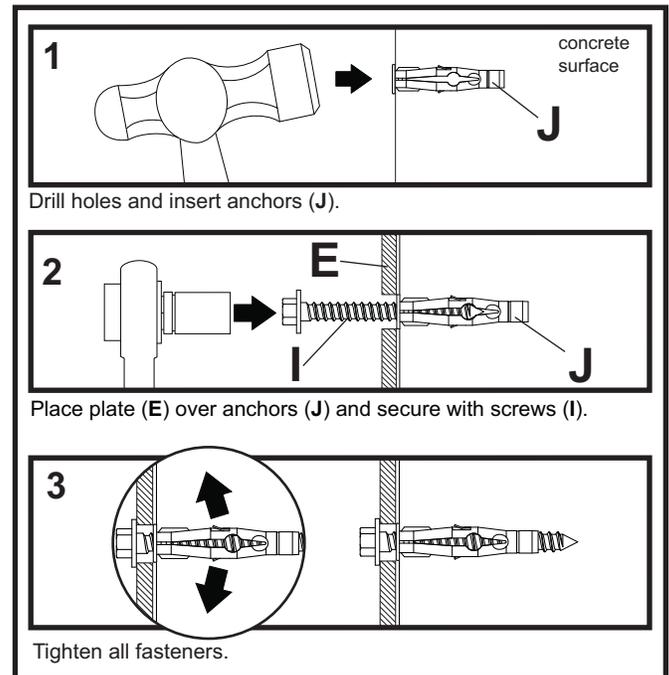
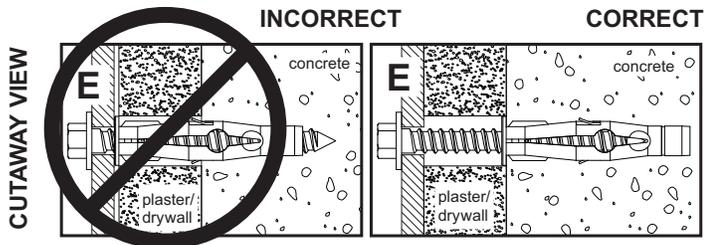
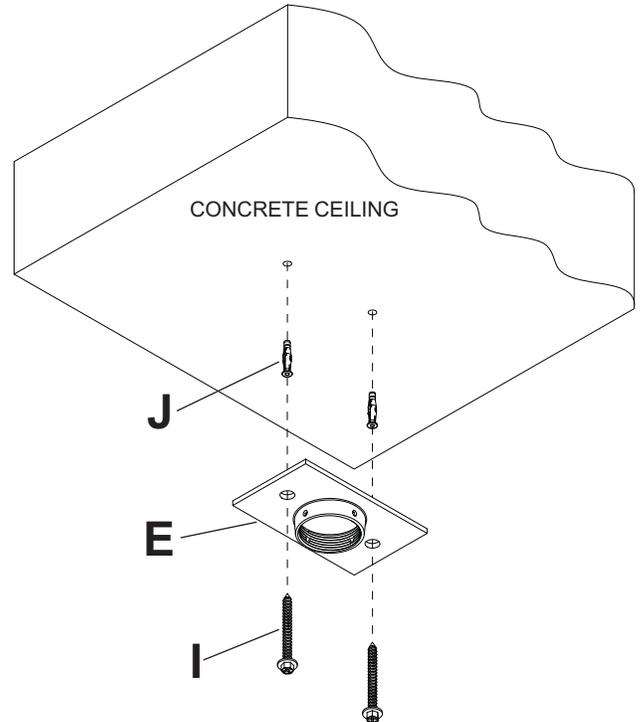
- 1** Place ceiling plate (E) on ceiling as a template and mark the center of the two mounting holes. Drill two 5/16" (8mm) dia. holes to a minimum depth of 2.5" (64mm). Attach ceiling plate (E) using two concrete anchors (J) and #14 x 2.5" wood screws (I). Tighten wood screws (I) using a 3/8" (10mm) socket wrench, phillips screwdriver or 10mm open end wrench until ceiling plate (E) is firmly attached.

⚠ WARNING

- Tighten wood screws firmly, but do not overtighten. Overtightening can damage screws, greatly reducing their holding power.
- Never tighten in excess of 80 in. • lb (9 N.M.).

⚠ WARNING

- Always attach concrete anchors directly to load-bearing concrete.
- Never attach concrete anchors to concrete covered with plaster, drywall, or other finishing material. If mounting to concrete surfaces covered with a finishing surface is unavoidable (not evaluated by UL), the finishing surface must be counterbored as shown below. Be sure concrete anchors do not pull away from concrete when tightening screws. If plaster/drywall is thicker than 5/8", custom fasteners must be supplied by installer. (not evaluated by UL)



Installation of Extension/Adjuster Tube Assembly

- 2** Thread adjuster tube (B) into threaded fitting on ceiling plate (E) as shown in **figure 2.1**. Tighten securely aligning slot in end of adjuster tube (B) with one of the holes in the side of threaded fitting on ceiling plate (E). Insert and tighten one M5 x 10mm phillips screw (D) to lock adjuster tube (B) to threaded fitting on ceiling plate (E) as shown in **figure 2.2**.

⚠ WARNING

- Installer must verify that the ceiling will safely support the combined weight of all attached equipment and hardware.

⚠ WARNING

- Adjuster tube (B) must be fully threaded (six or seven full turns) onto threaded fitting in ceiling plate and then locked with screw (C).

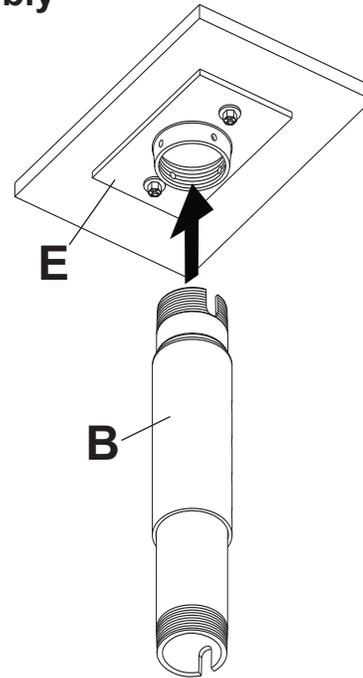


figure 2.1

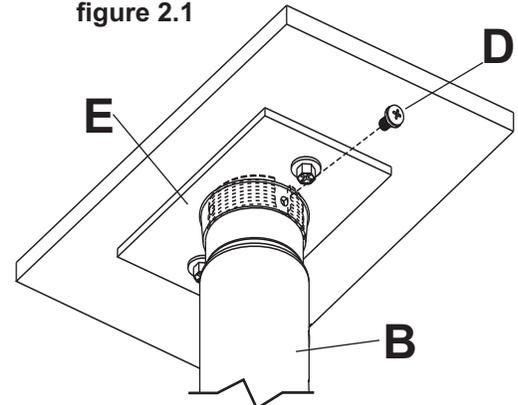


figure 2.2

- 3** There are two M8 x 10mm phillips screws (C) that secure the extension tube (A) to the adjuster tube (B). Loosen the M8 x 10mm phillips screw (C) on the hook slot side of the adjuster tube (B) and remove the other screw as shown in **figure 3.1**. Rotate extension tube (A) and slide down into desired hook slot. Replace the M8 x 10mm phillips screw (C) as shown in **figure 3.2**. Tighten both screws.

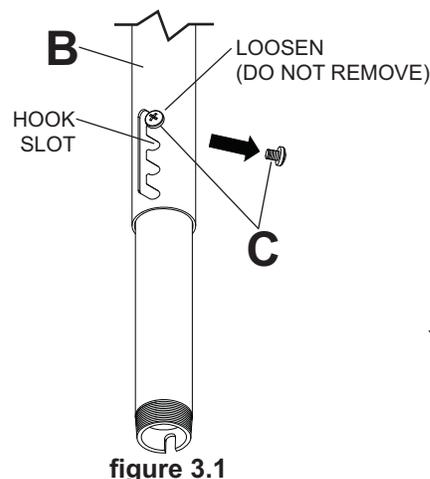


figure 3.1

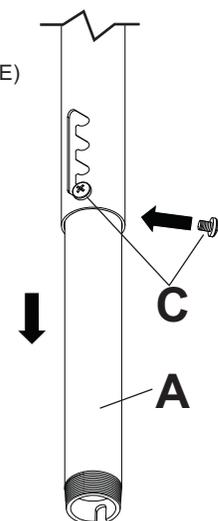
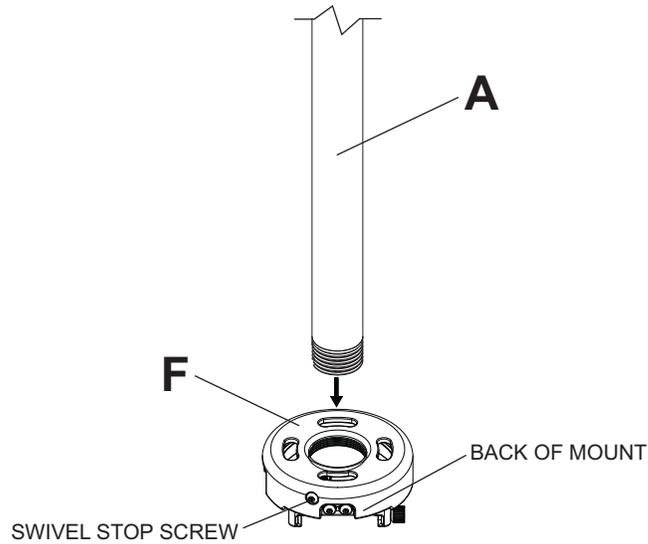


figure 3.2

Installation to Extension Column

- 4** Screw projector mount assembly (F) onto extension tube (A). Tighten swivel stop screw against extension tube (A) using t-wrench (K). **NOTE:** The swivel stop screw is used to jam against threads of extension tube (A) to prevent any excess movement of projector mount assembly (F). Do not overtighten screw; overtightening screw will damage threads making it difficult to separate products.



Attaching Adapter Plate to Projector

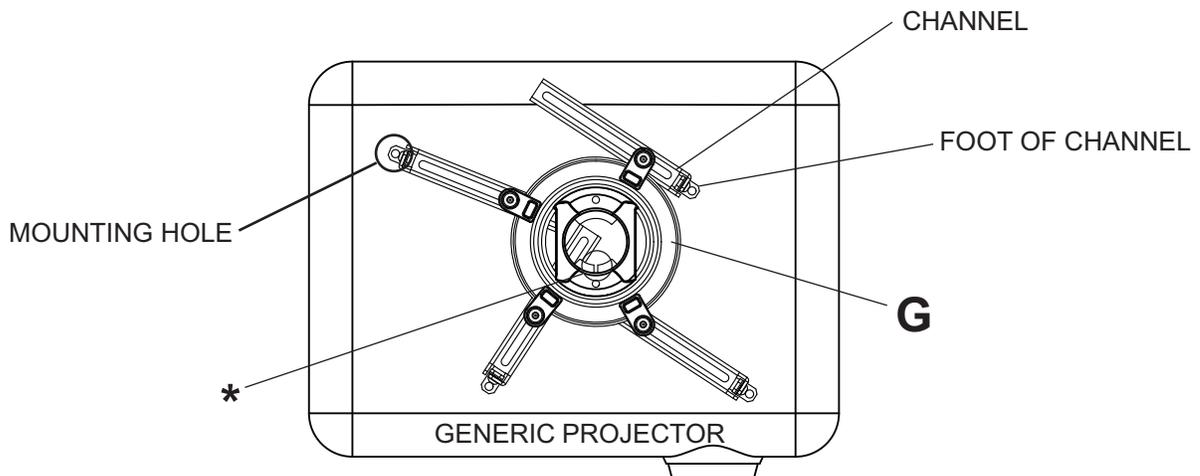
Note: The projector you are installing may differ in appearance from the sample illustrated below.

- 5** Place projector upside down. Locate adapter plate (G) with notch facing forward as close to projector center of gravity as possible without covering any mounting holes. Loosen channels using t-wrench (K), and **if there are only three mounting holes remove fourth channel**. Using one channel for each mounting hole, position feet of channels over mounting holes as shown below. **IMPORTANT:** If projector does not have at least three mounting holes, do not use this adapter plate.

NOTE: Some projectors have feet which can be removed and the corresponding threaded insert can be used for a mounting hole.

NOTE: Once channels are in position retighten fasteners.

*Notch indicates front of projector.



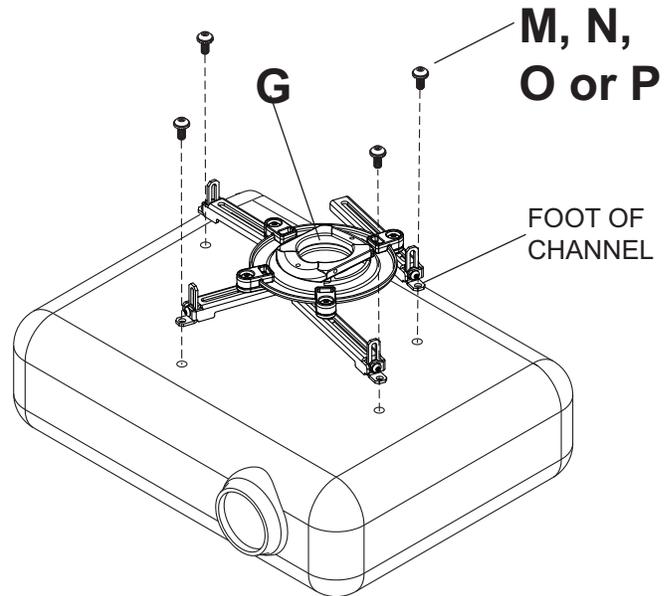
6 Attach adapter plate (**G**) to projector using one screw (**M, N, O or P**) for each channel as shown below. Tighten all screws, while keeping the center of gravity. Be sure that adapter plate (**G**) is straight. Adjust the feet of the channels to keep the adapter plate level. Tighten all screws using t-wrench (**K**) while keeping the center of gravity. If M3 screws (**M**) are used, tighten using 2mm security allen wrench (**R**).

NOTE: Projectors will require different size screws for mounting. Use a combination of screws (**M, N, O or P**) and foot adjustment that will result in channels of adapter plate (**G**) fitting tightly against projector.

IMPORTANT: In order to properly engage the threads in the mounting holes, the screw must be turned at least 3 full turns. **NOTE:** If using screw (**M**), place washer (**Q**) between screw (**M**) and foot of channel.

CAUTION

- It is the responsibility of the installer to ensure that the projector is properly ventilated. Feet of channels are used to raise the mount off the projector surface.

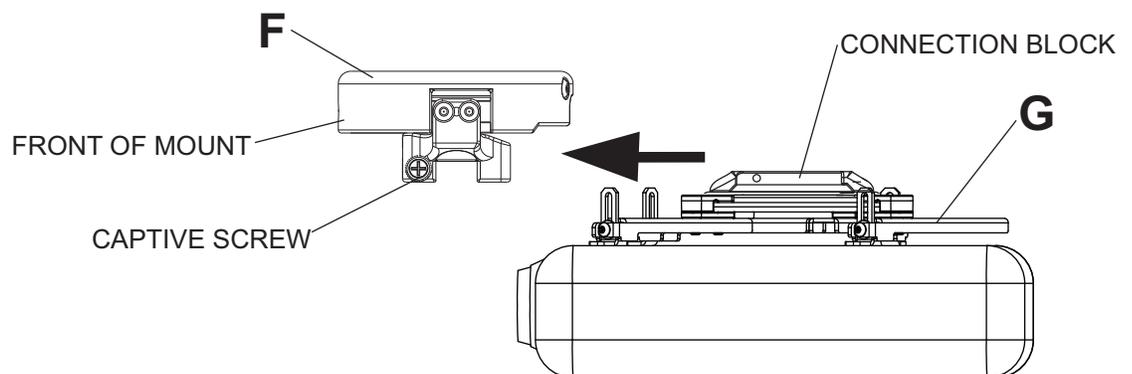


Installation of Projector

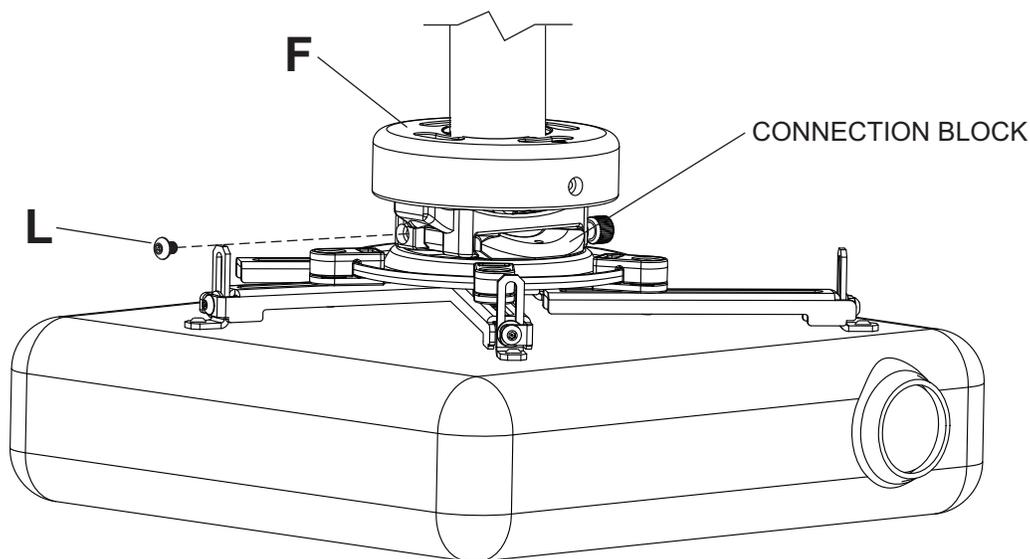
7 Slide connection block of adapter plate (**G**) with projector into projector mount assembly (**F**) as shown. Tighten captive screw to secure projector to projector mount assembly (**F**).

WARNING

- Always use an assistant or mechanical lifting equipment to safely lift and position the projector.



- 8 IMPORTANT:** For security installations, insert one #10-32 x 1/4" socket pin screw (L) through projector mount assembly (F) and into connection block as shown.

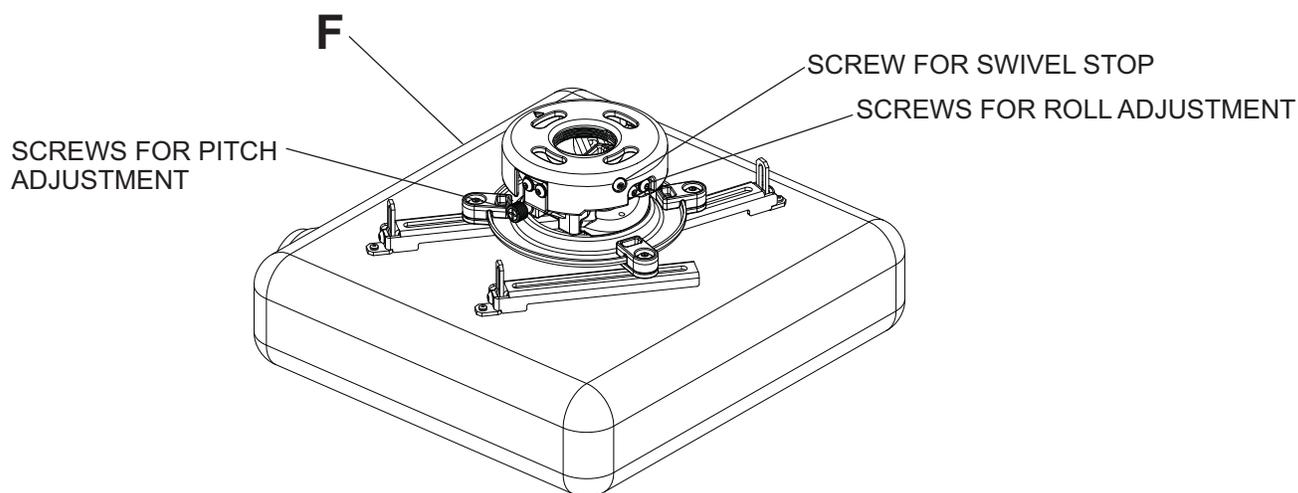


Projector Alignment

- 9 To adjust yaw (swivel):** Loosen screw on projector mount assembly (F) indicated below until projector mount can be rotated. Rotate mount to desired position and retighten screw.

To adjust pitch (forward and backward tilt): Loosen two screws on projector mount assembly (F) indicated below. Tilt mount to desired position and retighten screws.

To adjust roll (side to side tilt): Loosen two screws on projector mount assembly (F) indicated below. Tilt mount to desired position and retighten screws.



LIMITED FIVE-YEAR WARRANTY

Peerless Industries, Inc. ("Peerless") warrants to original end-users of Peerless® products will be free from defects in material and workmanship, under normal use, for a period of five years from the date of purchase by the original end-user (but in no case longer than six years after the date of the product's manufacture). At its option, Peerless will repair or replace, or refund the purchase price of, any product which fails to conform with this warranty.

In no event shall the duration of any implied warranty of merchantability or fitness for a particular purpose be longer than the period of the applicable express warranty set forth above. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

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, (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.

In no event shall Peerless be liable for incidental or consequential damages or damages arising from the theft of any product, whether or not secured by a security device which may be included with the Peerless® product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty is in lieu of all other warranties, expressed or implied, and is the sole remedy with respect to product defects. No dealer, distributor, installer or other person is authorized to modify or extend this Limited Warranty or impose any obligation on Peerless in connection with the sale of any Peerless® product.

This warranty gives specific legal rights, and you may also have other rights which vary from state to state.

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