peerless®

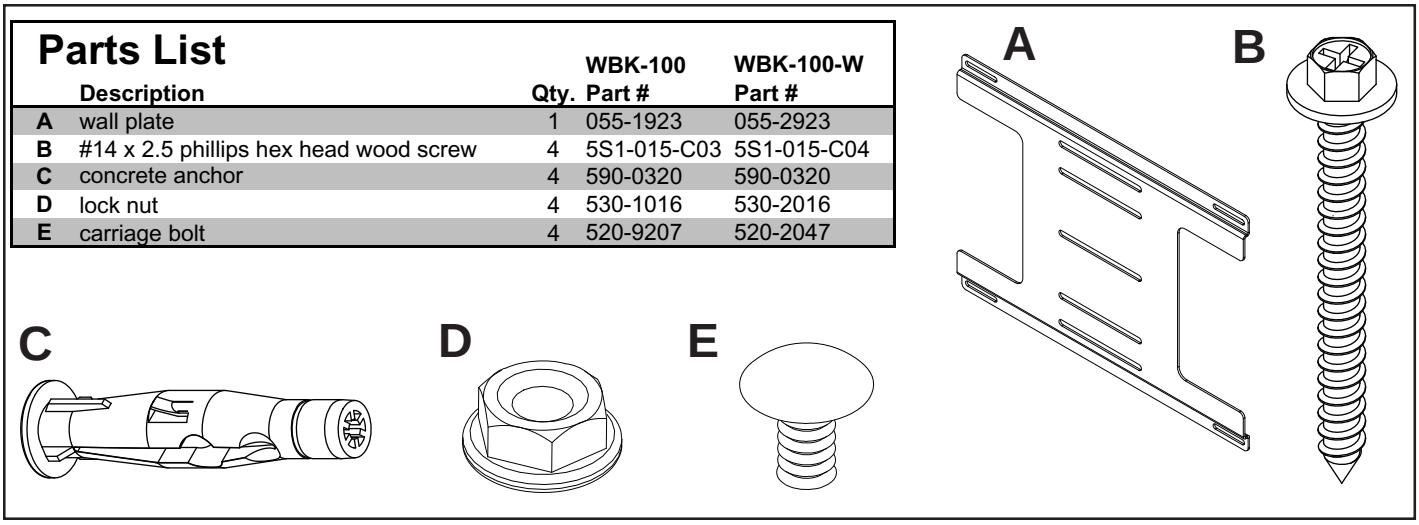
Installation and Assembly:
WALL PLATE ACC KIT FOR PSTA-%, PSTK-%

Models: WBK100, WBK100-W

IMPORTANT: Read instruction sheet before you start installation and assembly.

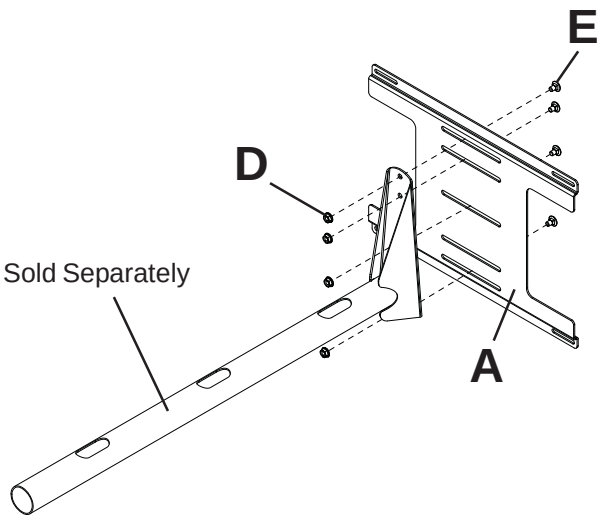
Parts List

	Description	Qty.	WBK-100 Part #	WBK-100-W Part #
A	wall plate	1	055-1923	055-2923
B	#14 x 2.5 phillips hex head wood screw	4	5S1-015-C03	5S1-015-C04
C	concrete anchor	4	590-0320	590-0320
D	lock nut	4	530-1016	530-2016
E	carriage bolt	4	520-9207	520-2047

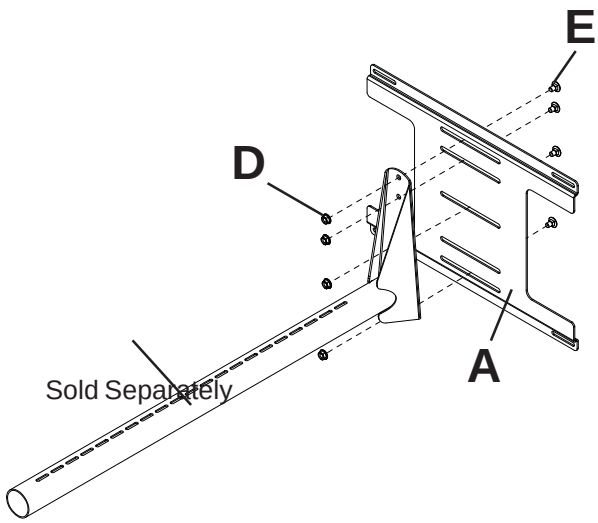


NOTE: Some parts may appear slightly different than illustrated.

1 Select model of projector wall arm. Secure wall arm (sold separately) to wall plate (**A**) using four carriage bolts (**E**) and lock nuts (**D**).



PSTA-028, PSTA-028-W
PSTK-028, PSTK-028-W



PSTA-2955, PSTA-2955-W
PSTK-2955, PSTK-2955-W

c UL us LISTED

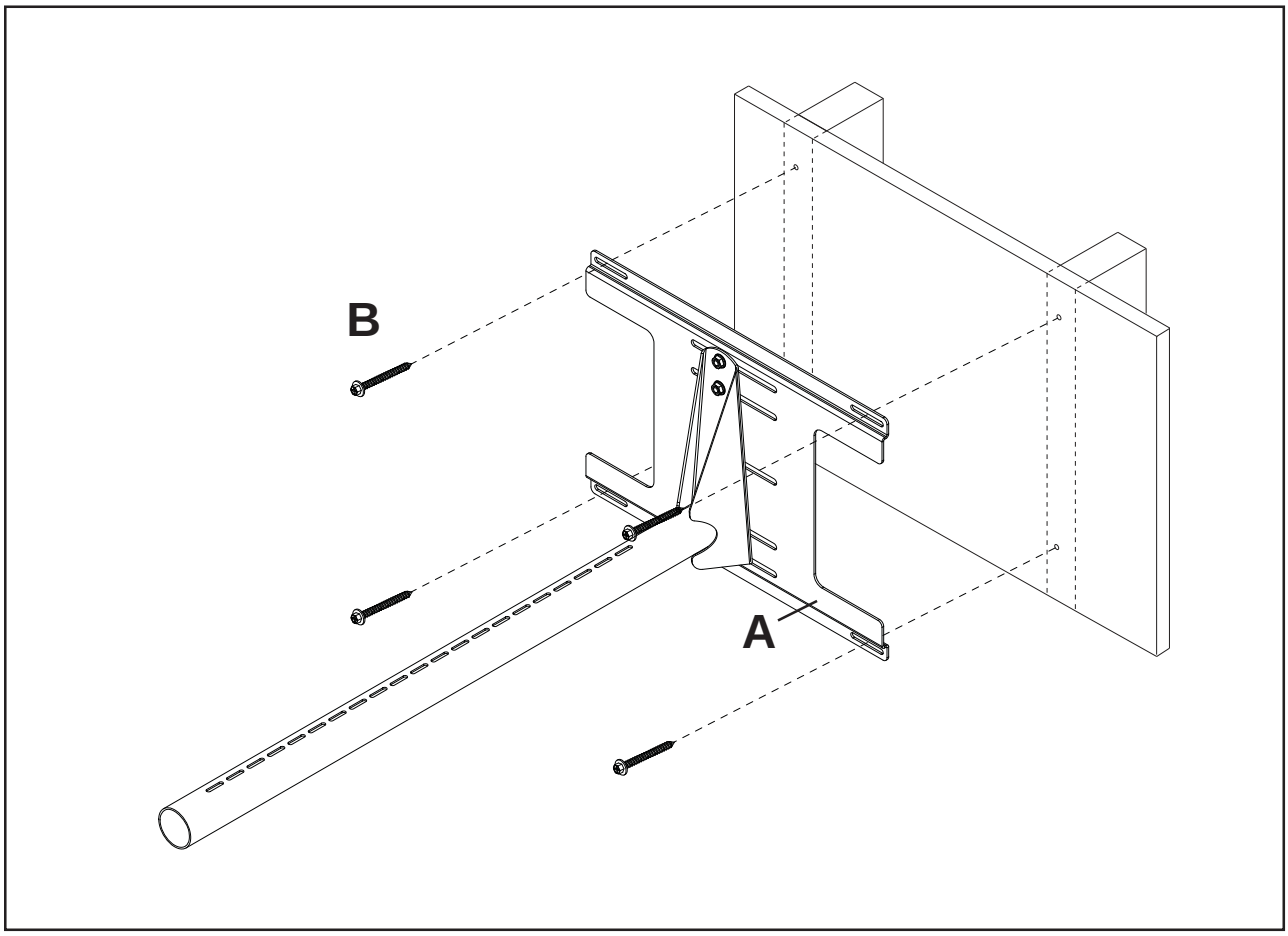
Max UL Load Capacity: 50 lb (22.7 kg)
Note: The max load capacity for the combined assembly is not to exceed the lowest of all listed max load capacities.

Installation to Wood Stud Walls

⚠ WARNING

- Installer must verify that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Tighten wood screws so that wall 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 stud. The use of an "edge to edge" stud finder is highly recommended.
- Hardware provided is for attachment of mount through standard thickness drywall or plaster into wood studs or joists. Installers are responsible to provide hardware for other types of mounting situations.

2 Use a stud finder to locate the edges of the stud. Use of an edge-to-edge stud finder is highly recommended. Based on its edges, draw a vertical line down the stud's center. Place wall plate (**A**) on wall as a template. Mark the center of the four mounting holes. Drill four 5/32" (4 mm) dia. holes 2-1/2" (65 mm) deep. Secure wall plate (**A**) to wood stud using four #14 x 2-1/2" wood screws (**B**) as shown. Skip to Step 3 of universal projector wall arm.



Installation to a concrete or cinder block wall

⚠ WARNING

- When installing Peerless wall mounts on cinder block, verify that you have a minimum of 1-3/8" of actual concrete surface in the hole to be used for the concrete anchors. Do not drill into mortar joints! Be sure to mount in a solid part of the block, generally 1" minimum from the side of the block. Cinder block must meet ASTM C-90 specifications. It is suggested that a standard electric drill on slow setting is used to drill the hole instead of a hammer drill to avoid breaking out the back of the hole when entering a void or cavity.
- Concrete must be 2000 psi density minimum. Lighter density concrete may not hold concrete anchor.
- Make sure that the wall will safely support four times the combined load of the equipment and all attached hardware and components.

3 Drill four 5/16" (8 mm) dia. holes to a minimum depth of 2.5" (64 mm). Attach wall plate (**A**) using four concrete anchors (**C**) and four #14 x 2 -1/2" wood screws (**B**) as shown in **Illustration A** and **1**, **2**, and **3**. Tighten all fasteners.

⚠ WARNING

- Tighten wood screws firmly, 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.).

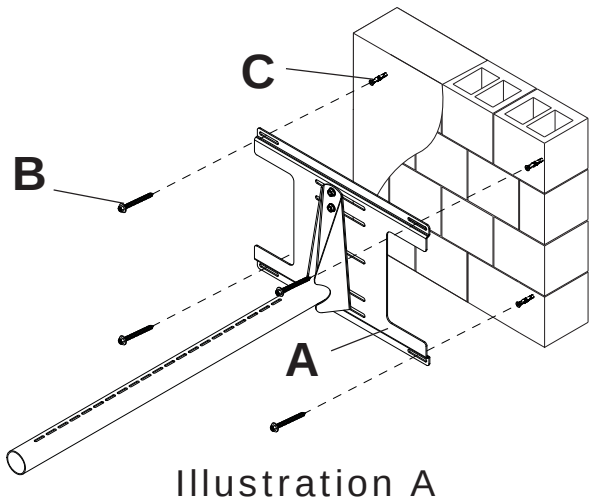
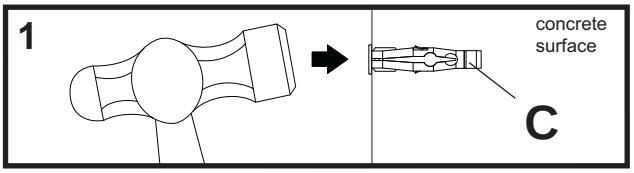


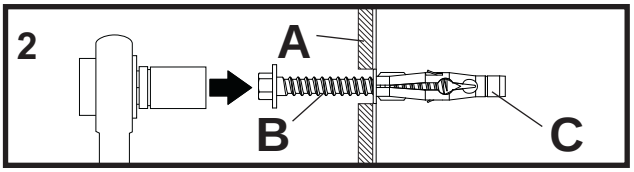
Illustration A

⚠ WARNING

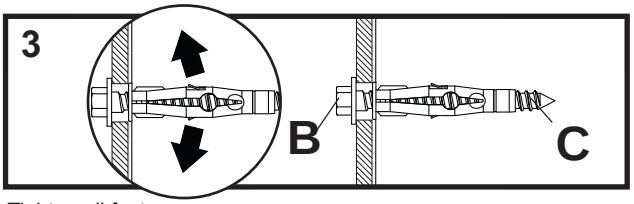
- Concrete anchors are **not** intended for attachment to concrete wall covered with a layer of plaster, drywall, or other finishing material. If mounting to concrete wall covered with plaster/drywall is unavoidable, plaster/drywall (up to 5/8" thick) must be counterbored as shown right. If plaster/drywall is thicker than 5/8", custom fasteners must be supplied by installer. Custom fasteners were not evaluated and tested by Underwriters Laboratories Inc.



Drill holes and insert anchors



Place wall plate over anchors and secure with screws



Tighten all fasteners.