



PXB Parallel Straightedge Board

Instructions



PXB Boards are available in the following sizes:

PXB21	16" x 21"
PXB24	18" x 24"
PXB26	20" x 26"
PXB31	23" x 31"
PXB36	24" x 36"
PXB42	30" x 42"

Follow this recommended sequence when making adjustments to the position of the straightedge blade.

To Set Brakes for Optimum Braking Strength

- 1 Unscrew brake knobs as far as they will go.
- 2 Retighten brake knobs one full revolution only.
- 3 Loosen top adjustment knobs.
- 4 Push metal side brackets toward the center until both brake pads rest against edges of board.
- 5 Retighten top adjustment knobs.
- 6 Brakes are now set and ready to use. Simply tighten and loosen brake knobs as necessary.
- 7 Be sure to keep top adjustment knobs tightly secured or the brakes will not function.

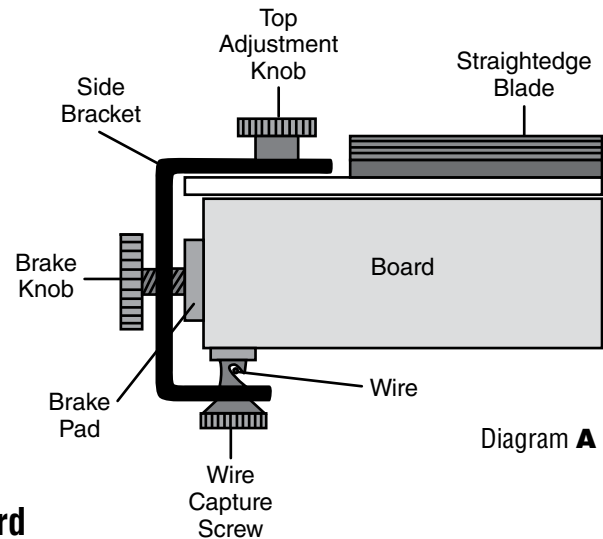


Diagram A

To Set Straightedge Blade Parallel to Edge of Board

- 1 Loosen one wire capture screw on either side of the blade.
- 2 Pivot the blade until it is in the desired parallel position.
- 3 Retighten wire capture screw.

To Replace or Reset the Wire

- 1 Blade should be positioned in center of board when rewiring and spring should be centered.
- 2 Attach eyelet to one end of wire and connect eyelet to spring.
- 3 Thread wire around pulleys as shown in diagram (B).
- 4 Extend spring approximately 1" beyond unstretched length.
- 5 Secure wire to second eyelet and trim excess.

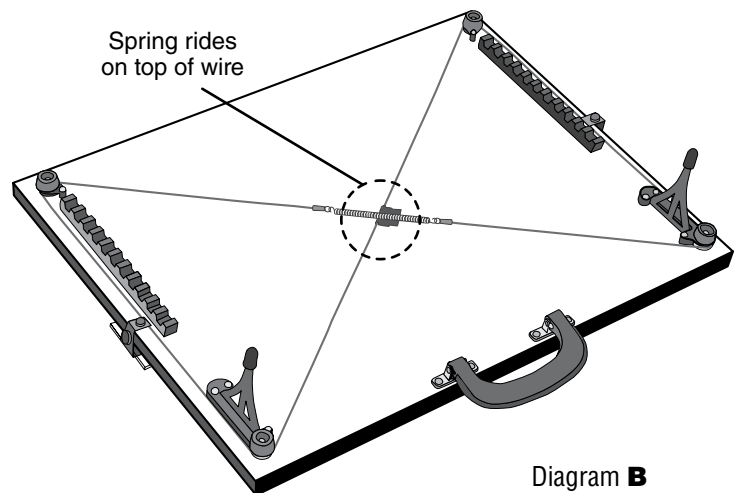


Diagram B

Troubleshooting

- If brakes do not hold firmly, follow instructions in *To Set Brakes for Optimum Braking Strength* section.
- If straightedge is not parallel, follow adjustment instructions in *To Set Straightedge Blade Parallel to Edge of Board* section.
- If straightedge does not slide easily up and down:
 - 1** Check that brakes are not dragging.
 - 2** Check that wires pass properly through pulleys.
 - 3** Check that pulleys are spinning freely.
 - 4** Check that spring is not running into pulleys.

Care and Handling

- Keep all adjustment knobs tight to ensure straightedge stays parallel.
- Clean board surface and underside of blade with mild detergent and soft cloth and wipe dry.
- Avoid direct exposure to sunlight or extreme heat.
- Protect from damage by storing and transporting in a protective case.
- Do not move straightedge with brakes tightened. Always move straightedge with a smooth, easy motion.



Spare Parts

Spare parts can be ordered from Alvin dealers. Visit www.alvinco.com to locate a dealer.

Item No.	Description
PXP	Kit contains wire, spring, metal side brackets, top adjustment knobs, screws, and cable eyelets
BX21	21" straightedge blade for PXB21
BX24	24" straightedge blade for PXB24
BX26	26" straightedge blade for PXB26
BX31	31" straightedge blade for PXB31
BX36	36" straightedge blade for PXB36
BX42	42" straightedge blade for PXB42
BX-2	Metal side brackets, Set of 2
KN6	Top adjustment knobs, Set of 6
PHX	Carrying handle
TF2	Rubber grip track. Set of 2
BX-SM	Folding legs for PXB21, 24, and 26, Set of 2
BX-LG	Folding legs for PXB31, 36, and 42, Set of 2