

# BAKKO BAK BORD

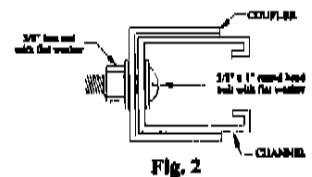
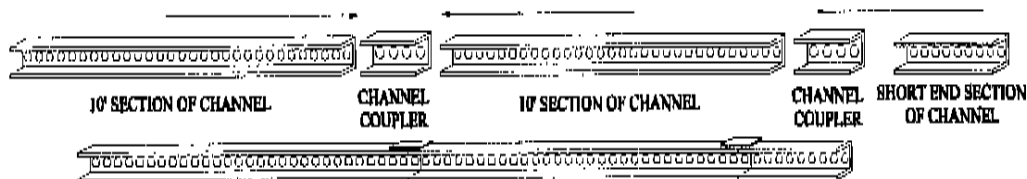
## 8' X 20' FLAT SLIMLINE SERIES

### INSTRUCTIONS

**STEP ONE:** Check parts list. Assure all parts present. Read instructions completely before installation. If questions, call prior to installation.

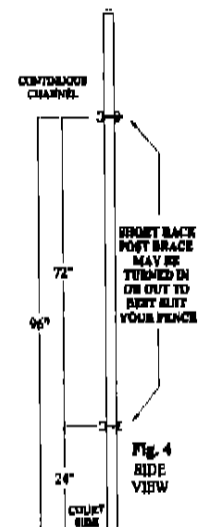
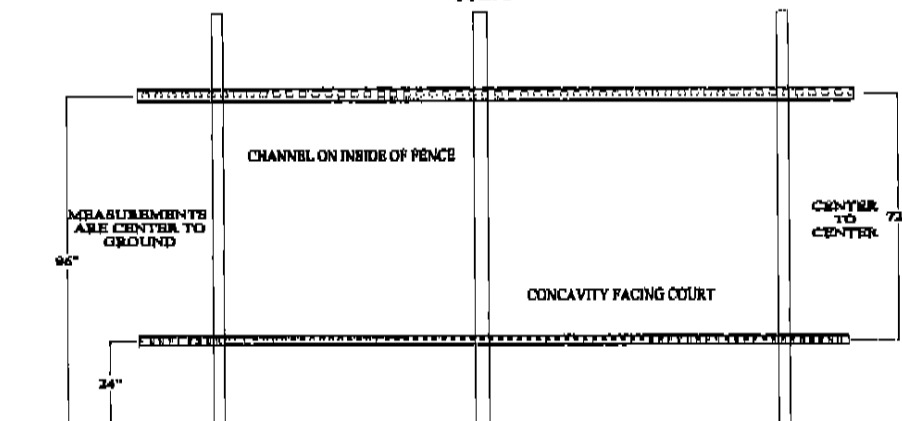
**STEP TWO:** Fasten two 10' & one 2' piece of channels together with a channel coupler & four 3/8"x1" round head bolts. (Fig 1) Washers are on inside & outside of channel. Nuts on outside. (Fig 2) After connecting two 10' sections, check and see if this will span three posts. Add 2' section only if needed to straddle three posts.

FIG. 1



**STEP THREE:** Repeat STEP Two. This will provide two 20' or 22' long continuous channels to be bolted to the fence posts. (Fig 3)

FIG. 3



**STEP FOUR:** Place both continuous channels on tennis court side where backboard will go. Center channels in front of three posts. Attach top channel 96" (8') & bottom channel 24" (2') above ground. Measure vertical distances from center of channel. (Fig 4) Use two 3/8"x6" round head bolts for each post with washers & nuts. Extend bolts through fence at appropriate openings in fence mesh. Back post braces may be turned either way to best suite fence. Tighten firmly 3/8"x6" round head bolts, nuts & washers. (Figs 5&6) Fasten L-shaped adjustable panel stops tightly on the right ends of upper & lower channels. (Figs 7&8)

**Fig. 5**  
(TOP VIEW OF FENCE)



**STEP FIVE:** Remove panels from cardboard boxes. Place panels on cardboard to prevent damage. Locate one **END** panel (labeled on box or one side with no holes and/or logo) Insert four 3/8"x 2 1/2" flat head bolts (painted to match color of backboard) into front four holes of one **END** panel. Screw large square nuts on bolts three or four turns only. (to be tightened later)

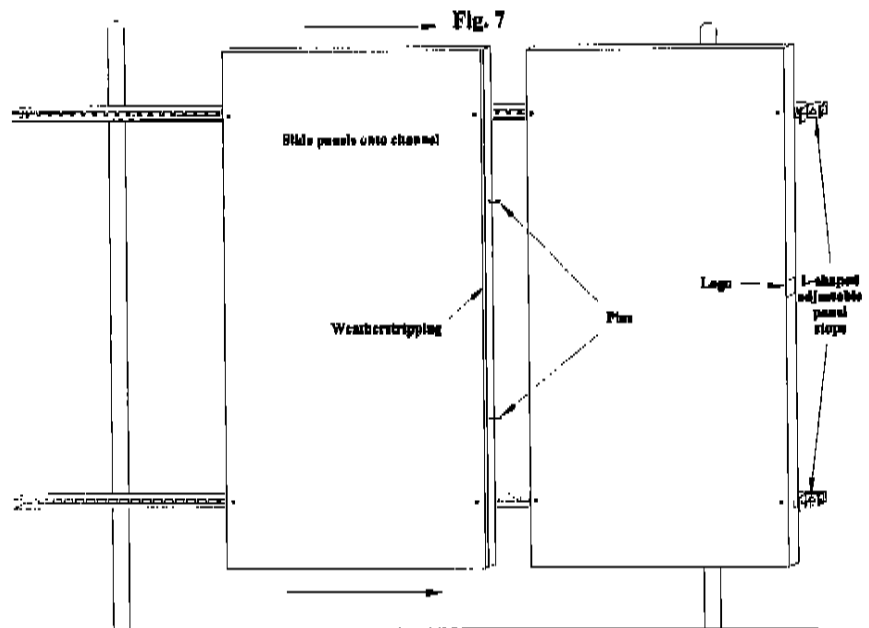
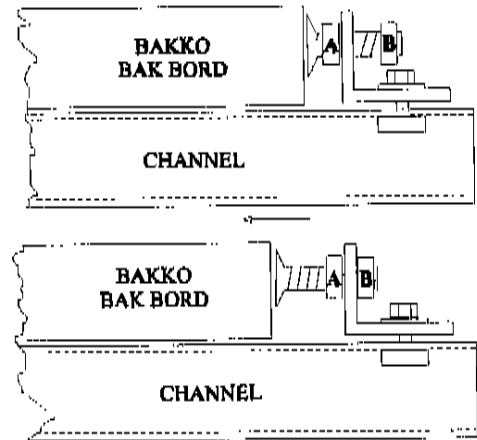
**STEP SIX:** Rotate one **END** panel so outside edge is on the right. Slide panel into channels from left end. Carefully adjust channel height if necessary to accept square nuts. Leave panel flush against L-shaped adjustable panel stops at right end of channels. Gently tighten 4 flat head bolts with large screwdriver until snug. Insert 4 bolts & square nuts into 3 **MIDDLE** panels (no logo, 2 holes on each edge) & slide three panels into channels from left side. Leave 6 inches between each panel.

**STEP SEVEN:** Insert 8 clear plastic pins into 2 short holes in left edges of these 4 panels. (Fig 7) Neatly apply adhesive weather strip in front of clear plastic pins and 1/8" from panel face to left edges of 3 panels. (Fig 7) Rotate last **END** panel so edge with no holes is left. After adding 4 bolts & square nuts, slide **END** panel into channels. Push panels firmly together from left against right edge panel. Carefully guide pins into holes. If not satisfied with centering of panels in channels, *now is the time for correction*. Just slide panels & 2 L-shaped adjustable panel stops wherever in the channels wanted. Retighten panel stops tightly. Gently tighten 4 flat head bolts in front of 4 panels.

**STEP EIGHT:** Fasten L-shaped adjustable panel stops to left ends of both channels. Turn nut **B** while securing nut **A** with a wrench. (Fig. 6, panels are pushed together) Assure 4 front panel bolts of **MIDDLE** & **LEFT** panels are not overtightened or panels will not slide. Alternate tightening top & bottom L-shaped adjustable panel stops and occasionally pound panels.

Check to be sure no debris prevents closure. Adjusting all 4 L-shaped adjustable panel stops, panels can be evenly approximated. Read **STEP 9** before finalizing this step; when satisfied, tighten front bolts snugly. *Marked tightening is unnecessary & can crush fiberglass.* Add white vinyl end caps to exposed channel ends.

**FIG.6** TOP VIEW



**STEP NINE:** *Employ step only if panel edges are noticeably not flush.* Remember, a tennis ball will not deflect abnormally when hitting an off-set of 1/16". If an edge exceeds this measurement, it can be corrected by placing a wood wedge between the back of the panel & the upper, lower or both channels of the edge that is recessed. (**shown in Fig 8**) First, loosen appropriate panel front bolts. A hammer through fence mesh or a long thin board can be used to drive wedge into place until panels are flush. Leave wedge(s) in place.

FIG. 8

**STEP TEN:** Put white line on -- **PLEASE** -- it really adds class!! Wipe panels with a cloth, notably in line area. Put small pencil mark 36" above ground in exact center of middle panel. Similarly mark two end panels at 39". This indicates top of tape line. (**Fig 9**)

The white tape is a very expensive automotive trim tape. Applied properly it will last many years. Pinch one end of tape between fingers and make a 1/2" tear. There are **THREE LAYERS**: back thick paper layer, middle thin white layer and a very thin clear plastic front layer. Separate layers for one inch to assure identification. Pull off back layer while applying tape to the backboard. **LEAVE CLEAR TOP LAYER ON FOR NOW!!** Stretching tape tightly, apply to center mark and go to one edge. Remove back layer and apply tape carefully. Do not apply in a strong wind. Once at edge of backboard, cut tape. Rub top edge of tape with fingers or preferably a drivers license or credit card. Try to prevent air bubbles from forming. **Once on, do not try to remove tape!** (If air bubbles form, eliminate by making a small puncture with nail or knife tip. Iron air toward hole with finger, **but do this after clear plastic layer is removed**). Remove clear plastic layer, go slowly, rubbing white tape firmly against panels or it will pull away. **IF YOU DO NOT REMOVE OUTER PLASTIC LAYER, TAPE WILL YELLOW AND AGE RAPIDLY.** Repeat steps with excess tape to complete other side. Slice tape at joint of panels and fold between panels. Cut a 4" long piece of tape and apply vertically in the middle for a center strip. (**Fig 9**)

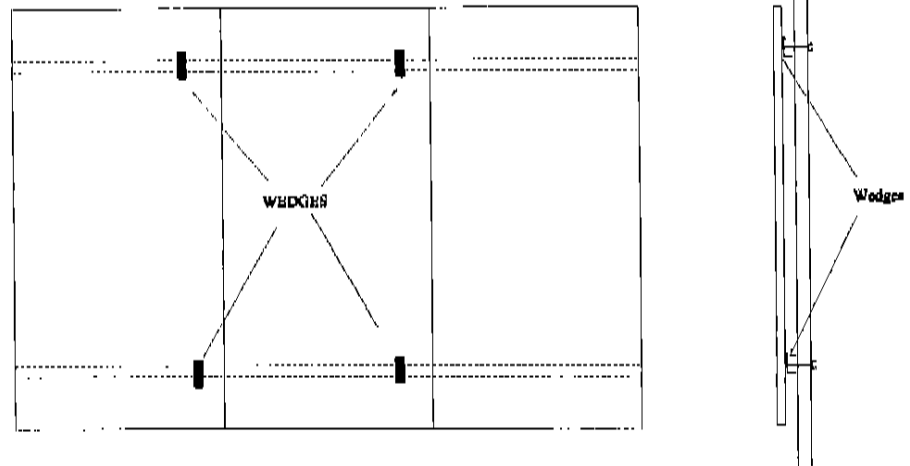
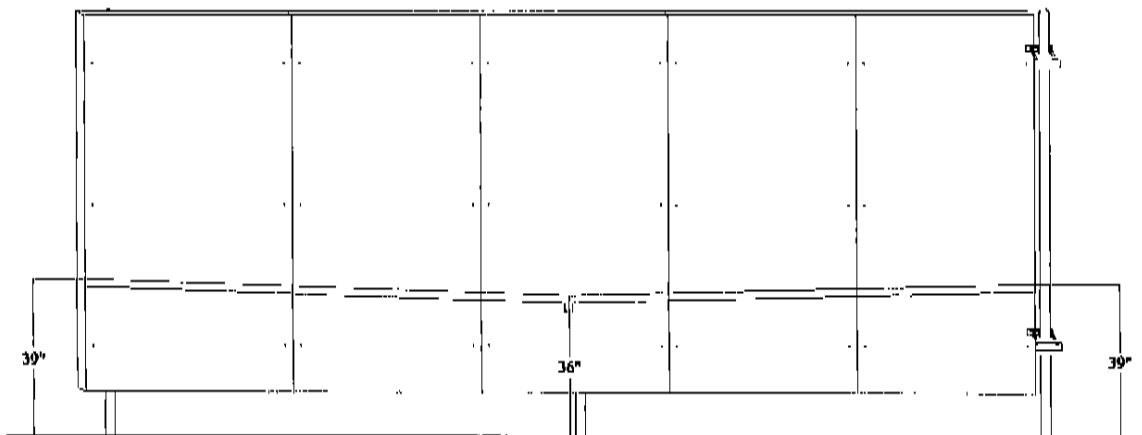


Fig 9



## PARTS LIST 8' X 20' FLAT SLIMLINE SERIES

- (5) 4' x 8' Fiberglass Panels**
- (4) 10' pieces of channel with additional (2) 2' pieces of channel**
- (1) Small Box of Hardware Containing:**

### SMALL HARDWARE BOX:

- (1) Instructions
- (6) 6" Back Post Braces
- (20) 3/8" Flat Head Bolts with Special Square Nuts
- (4) Channel Couplers
- (16) 3/8"x1" Round Head Bolts, Nuts, Washers
- (12) 3/8"x6" Round Head Bolts, Nuts, Washers
- (2) Roll Weather Stripping
- (8) Plastic Pins
- (4) L-Shaped Adjustable Panel Stops
- (4) Vinyl End Caps
- (6) Wood Wedges
- (1) 21' Roll White Trim Tape

### TOOLS REQUIRED

2 Step Ladders

(Always place flat boards beneath feet to prevent damage to court)

Large Flat Screwdriver

Small Assortment of Wrenches

Hacksaw

Hammer

Large Clean Cloth

### LABOR REQUIREMENTS

**(2 MEN; ONE SMART, ONE STRONG, 3 HOURS)**

### ADDITIONAL INFORMATION

We suggest you hang a net above your BAKKO BAK BORD to prevent miss hits from going over the fence. We have such nets in stock along with simple instructions to mount it above your backboard.

Backboards of any kind are wind screens and should not be placed on flimsily built fences, especially those supported by "tubing" rather than standard weight (schedule 40) pipe as recommended in **TENNIS COURTS** published by the **UNITED STATES TENNIS ASSOCIATION**. We recommend these posts be 2&1/2" to 3&1/2" O.D. sunk in a concrete well 12" in diameter, 36" deep. Posts of this type, spaced 10' on center, provide quite adequate support. Should your panels become damaged, they can be patched or completely painted with IMRON paint, color # 79039, sold by DuPont Nemours & Co.---a DuPont distributor. Deep panel injury requires a fiberglass experienced repair technician. Call us if further help is needed.

## **RECOMMENDED PLACEMENT OF BACKBOARD**

Use caution when selecting preferred fence location. In the sun belt, the backboard should not face the West due to intense sun. This probably will accelerate aging of panel surface and paint. Ideally the panels should be at right angles to the path of the sun so during practice a player never directly looks into the sun. If placed on a tennis court at an end, the white lines of the court may be used as practice reference points/lines.

