

— **Instruction Manual** —

MODELS: BA42E, BA42XL, BA42XLC, BA44XL,

BA48, BA48XLC AND BA48XL



Customer Service
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Glass Backboard Mounting Instructions

Note:

This instructions does not apply if mounting a BA456 molded backboard

Warning!

Failure to read and follow these critical mounting instructions may void all warranties.

All above listed Glass Backboards are designed and built to withstand today's aggressive play if properly installed. High quality 1/2" tempered glass, heavy duty aluminum extrusions and computer designed steel brackets combine to provide glass backboards that will live up to their extended warranties. No amount of engineering can compensate for the stress that can be placed on the glass if improperly installed. This stress can cause glass breakage even with only minor player contact with the rim. Even today's best breakaway rims allow by design minimal pressure to be placed on the glass upon initial player contact with the rim and at maximum deflection.

Note:

Always use proper equipment to lift and position the backboard to avoid injury. To avoid abnormal glass stress, premature breakage and assure backboard durability please follow these instructions.

1. Under no circumstances should any portion of the backboard be disassembled.
2. Use the hardware provided with the backboard as it is sized to properly attach the backboard to the structure.
3. Most installations require the use of the four backboard corner brackets to mount the unit to the wall, ceiling or portable structure. The attachment of the four backboard corners to the structural mounting brackets must not pull, push or "tweak" the glass from it's "natural relaxed" condition.
4. After mounting the backboard use a 3' or 4' precision level to check the glass surface ensuring that it is flat, level and plumb in all directions. Only when the board has been inspected and determined to be unstressed and level in all directions should play be allowed. See Figure 1.
5. If the backboard is stressed or out of level as indicated in #4 above loosen the A and D corners and see if either backboard bracket springs away from the mounting structure. If so this is a sure sign that you have placed stress on the backboard when you tightened the mounting bolts. See Figure 1.
6. Using the shims provided fill the space between the backboard corner brackets and the mounting structure and retighten. This will eliminate the stress caused previously by tightening without the shims.
7. Repeat steps 5 and 6 with the B and C corners, recheck in all directions. See Figure 1.
8. Continue until you are satisfied that all stress is removed and that the backboard and rim are level.

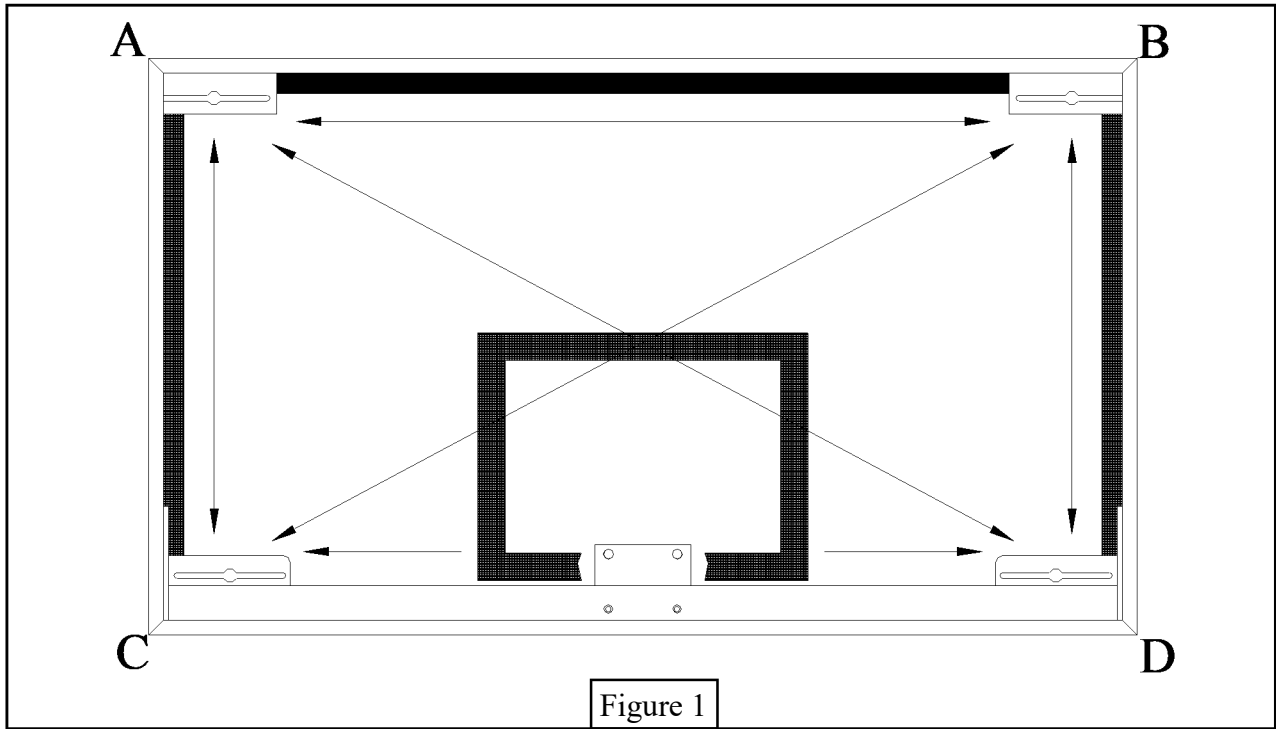


Figure 1

Note:

The BA42XL and BA48XL rim mounting system allows for adjustment to level the rim if necessary. The top mounting bushings through which the rim mounting bolts pass are pre-adjusted and locked in place at the factory to virtually assure the rim mounts level. If however the rim checks otherwise take the following steps.

1. Loosen the upper and lower rim mounting bolts.
2. Loosen the Jam Nut. See Figure 2.
3. Turn the Adjustable Bushing in or out depending on whether the rim needs to be raised or lowered. See Figure 2.
4. Tighten the rim bolts and check for level.
5. Repeat steps 1 and 3 if necessary.
6. When satisfied the rim is level relock Jam Nuts. See Figure 2.

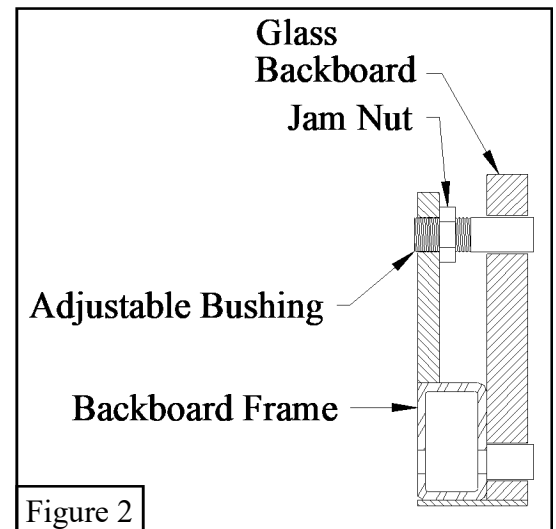


Figure 2