



GlassFlex® adjustment

Athletica O&M manual

Thank you for purchasing the GlassFlex® glass system

This manual will explain how to properly adjust the leaning of the shielding in a GlassFlex® system.

This will be achieved through the process of tightening and/or loosening U-Bolts to change the angle of the GlassFlex® Buffer and Channel.

Each U-Bolt will have a GlassFlex® Buffer resting in it. Typically, each section of glass channel will have two U-Bolts to adjust, while smaller sections of glass channel may have only one U-Bolt to adjust.

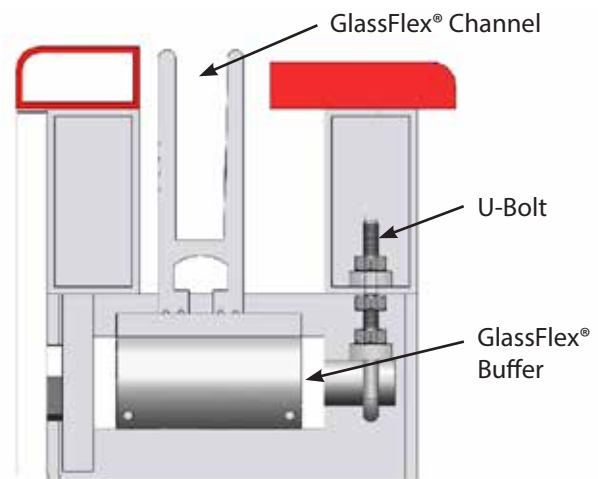
The goal is to adjust each glass channel so shielding is not leaning too far into spectators or ice side of dashers. Shielding should be ***'level to leaning 1/4" over 3 feet'*** towards ice surface.

Tools required for adjustment

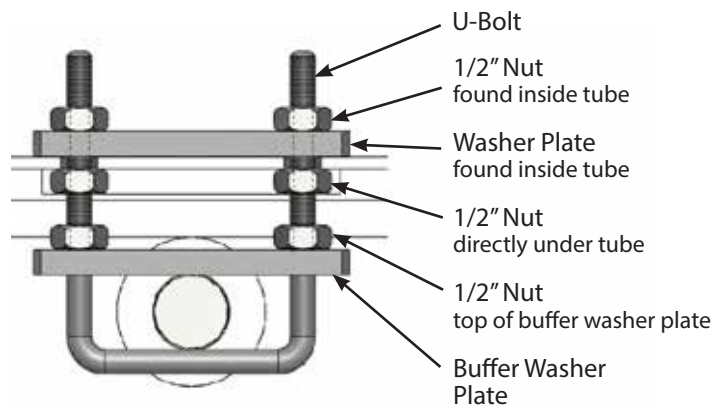
1/2" Wrench

1/2" Socket (deep socket 1/4"-3/8" drive)

Section View of GlassFlex in a Dasher Panel



U-Bolt detail



Each GlassFlex Buffer is supported by a U-Bolt. The GlassFlex® Buffer is held between the bottom of the U-Bolt and a washer plate, which is held in place with two nuts. There are also two nuts directly below the 3" aluminum tube at the rear of the frame. Inside this tube are an additional washer plate and two more nuts. All six nuts are the same size. The four nuts below the tube require a 1/2" wrench to adjust, while the two nuts within the tube will require a 1/2" socket (deep socket 1/4"-3/8" drive).

How to adjust leaning

You will need to access the U-Bolts through both the top plate and from the back. To gain access through the top plate, locate and remove top plate plugs by unscrewing the single screw that fastens each one down to the frame. To gain access from the back, remove the backer plastic.

Step 1: Access the U-Bolts



Access the U-Bolts through the top plate by removing the top plate plugs

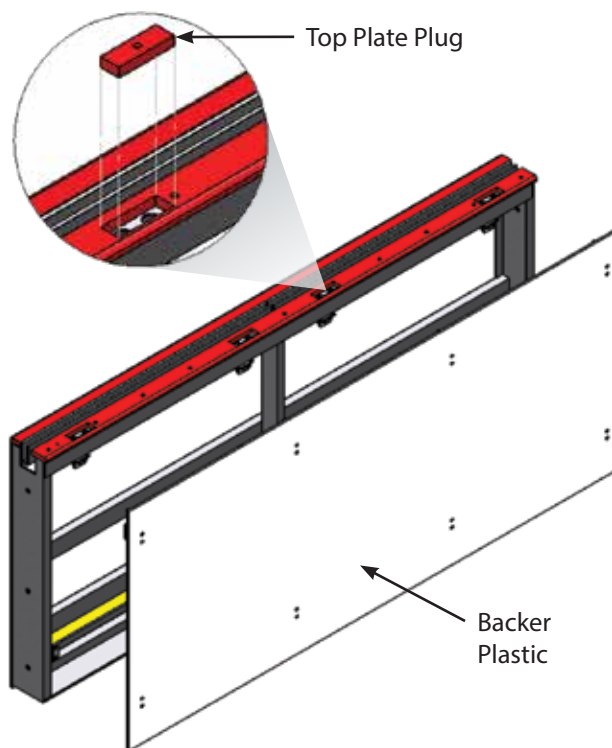


To access the back, remove the backer plastic.

Step 2: Access to the U-Bolts



Under each top plate plug are two access holes, directly above the top two nuts on the U-Bolt.



Step 3: Adjusting U-Bolts and GlassFlex® Buffers to level shielding

- If shielding is **leaning towards the ice surface** more than 1/4" over 3 feet, **loosen top nuts**.

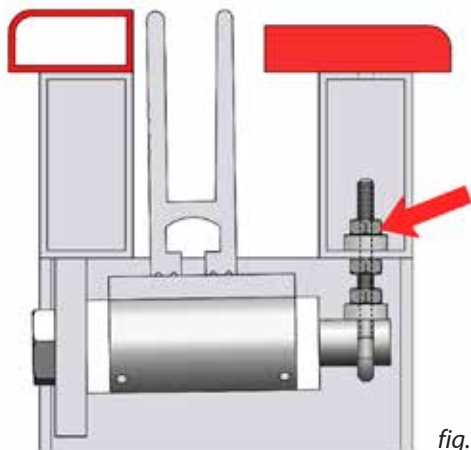


fig. 1

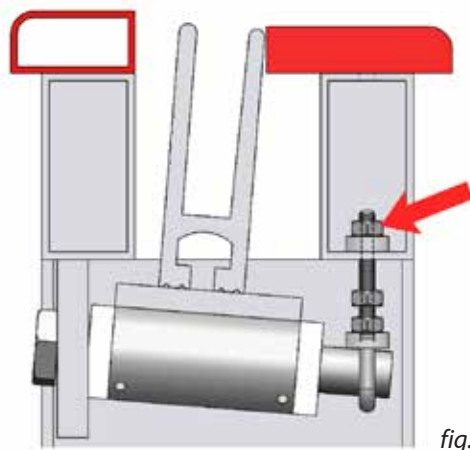


fig. 2

Loosen the top nuts (*fig. 1*) inside the aluminum tube which line up to the shielding you want to lean back from ice side.



IMPORTANT! DO NOT COMPLETELY REMOVE THESE NUTS.

As you loosen these top nuts, take a suction cup attached to the shielding and shake the shielding. This will help to ensure the shielding is level when you have completed adjustments.

Use a level to ensure you are 'level to 1/4" over 3 feet' leaning towards ice surface.

- If shielding is **leaning towards spectators**, **tighten top nuts**.

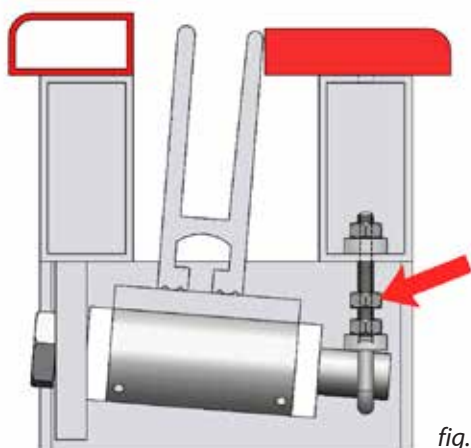


fig. 3

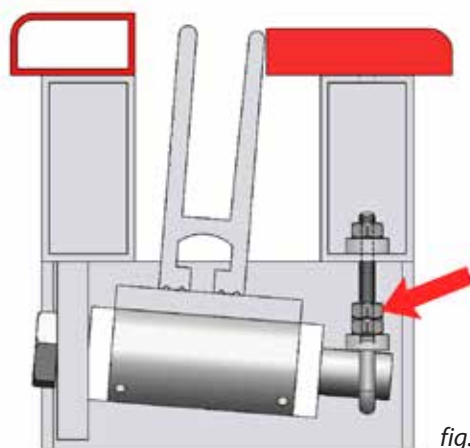


fig. 4

First, **lower the center nuts** (*fig. 3*) directly under the tube on the U-Bolt so they do not interfere when tightening the top nuts.

Step 3: Adjusting U-Bolts and GlassFlex® Buffers to level shielding (cont'd)

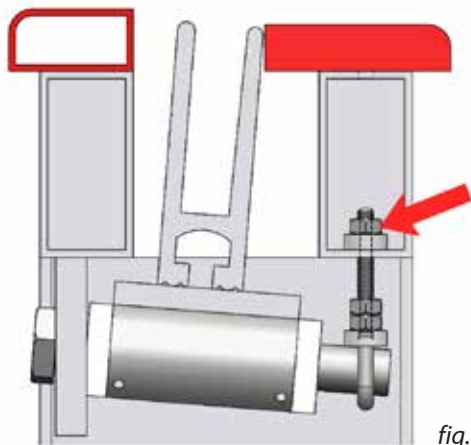


fig. 5

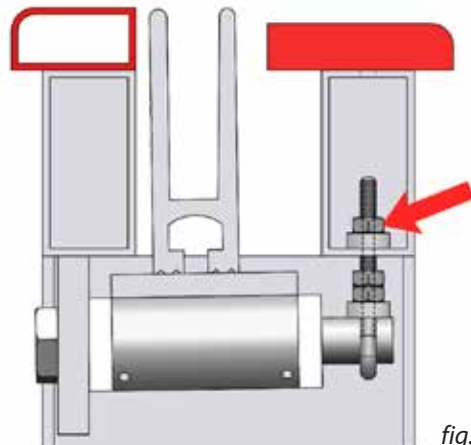


fig. 6

Start to tighten the top nuts (*fig. 5*) through the access holes inside the aluminum tube. Tighten the two top nuts equally to ensure the bottom on the U-Bolt remains level.

Repeat this for both U-Bolts supporting a single section of GlassFlex® channel until the shielding leans towards the ice surface (*fig. 6*).

Use a suction cup attached to the shielding and shake the shielding as you adjust the U-Bolt. This will help in making sure the shielding is level.

When you have completed the adjustments, use a level to ensure you are 'level to 1/4" leaning over 3 feet' towards the ice surface.

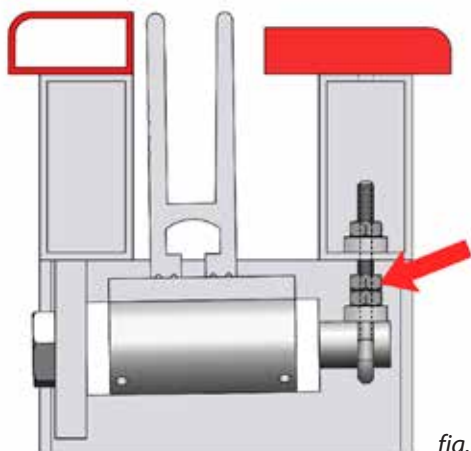


fig. 7

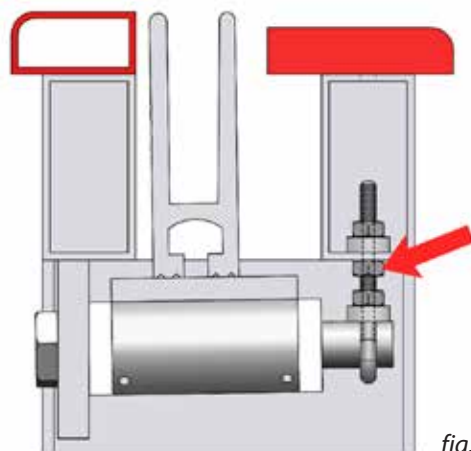
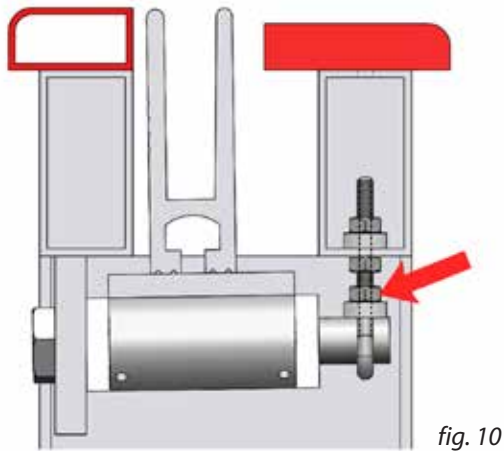


fig. 8

When the U-Bolt is in the desired position and level, raise the center nuts (*fig. 7*) under the tube until they are tight against the tube (*fig. 8*) and the U-Bolt is rigid.

Step 3: Adjusting U-Bolts and GlassFlex® Buffers to level shielding (*cont'd*)



Once all the U-Bolts are in the desired position, tighten the bottom nuts (*fig. 10*) above the buffer washer plate. Leave enough room so the buffer bolt can still slide withing the U-Bolt with minimal vertical movement.



IMPORTANT! DO NOT OVERTIGHTEN THESE NUTS AS THE BUFFER WILL NOT PERFORM AS INTENDED.

Step 4: Replace top plate plugs and backer plastic. Repeat for each board section.

Replace the top plate plugs and backer plastic, and repeat steps 1-3 for each dasher panel with GlassFlex®.

Warranty

This Athletica Sport Systems product is warranted to be free of defects in materials and workmanship for a period of 1 year from the date of purchase.

Please contact Athletica Sport Systems with any questions about the performance of this product.

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