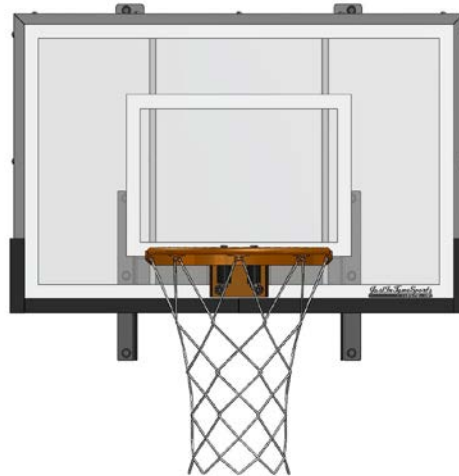


## MINI PRO ULTIMATE BY JUSTINTYMESPORTS



**NOTE:** Although the rim and backboard are very strong, they are NOT designed for hanging. The rim is designed to safely flex 15 degrees (about 3" at the front of the rim) – DO NOT EXCEED THIS SAFE FLEX LIMIT AND NEVER HANG ON THE RIM – THIS WILL VOID YOUR WARRANTY. DO NOT ADJUST THE TENSION ON YOUR SPRING.

Visit <https://www.justintymesports.net/faq/> for full details of your warranty.

### Mini Pro Ultimate Contents:

<ul style="list-style-type: none"> <li>(1) Backboard Assembly</li> <li>(1) Wall Bracket</li> <li>(1) Extension Bracket</li> <li>(2) Upper Wall Bracket (Left and Right)</li> <li>(1) 1/4" x 1-1/2" x 16-1/4" Left Bottom Pad</li> <li>(1) 1/4" x 1-1/2" x 16-1/4" Right Bottom Pad</li> <li>(1) 1/4" x 1-1/2" x 5" Left Side Pad</li> <li>(1) 1/4" x 1-1/2" x 5" Right Side Pad</li> <li>(1) Rim Assembly</li> <li>(1) Net</li> </ul>	<ul style="list-style-type: none"> <li>(1) Mini Basketball</li> <li>(1) Allen Wrench</li> <li>(4) Rim Spacers</li> <li>(4) 5/16-18 x 1-1/4" Bracket Screws (SHCS)</li> <li>(4) 5/16-18 x 1" Bracket Screws (SHCS)</li> <li>(8) 5/16" Lock Washers</li> <li>(8) 5/16" Flat Washers</li> <li>(8) 5/16-18 Hex Nuts</li> <li>(8) 1/4" x 2" Engineered Lag Screws</li> <li>(8) 1/4" Washers</li> </ul>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

It is easiest to assemble the unit prior to mounting the hoop to a wall. You will need a Phillips head screwdriver and wrench. It is highly recommended to use a drill with 3/16" drill bit, stud finder, and level. If you have any questions about assembly, call 888-564-1082 or email [service@justintymesports.com](mailto:service@justintymesports.com)

### I. Frame and Upper Bracket Assembly

Attach the Upper Brackets to the Frame using (4) of the #10-24 x 1" Frame Screws and (4) #10 Locknuts. The Upper Brackets attach to the two outside holes in the top of the frame. See Figure 1.

**Note:** The Upper Brackets attach below the Inner Frame with the mount flanges facing upward.

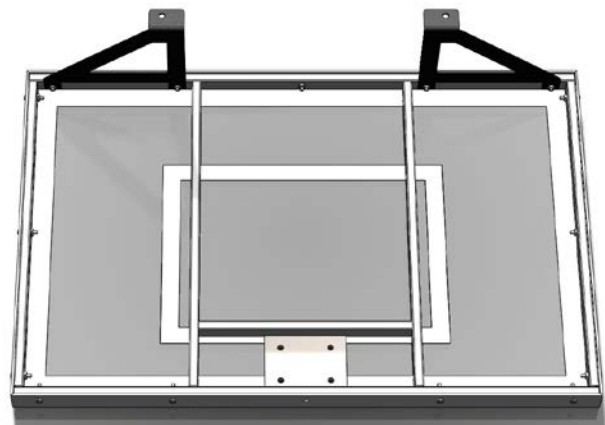


Figure 1

## II. Wall Bracket Assembly

Set the Wall Bracket on a flat surface with the rectangular flange facing up. See Figure 2.

Set the Extension Bracket on the Wall Bracket and align the flanges.

Insert the four 1" Bracket Screws from the back side placing a Lock Washer on each screw prior to insertion. Then place a Flat Washer and Hex Nut on each Screw. Hand tighten only at this time.

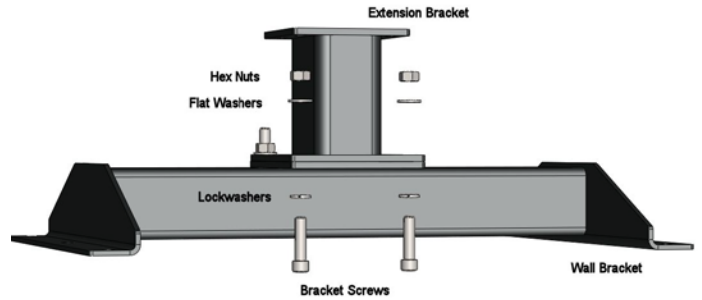


Figure 2

## III. Final Assembly

Set the Frame Assembly on the Wall Bracket Assembly and align the four mounting holes. The Frame Assembly should balance with the two Upper Brackets and the Wall Bracket Assembly. See Figure 3.

Place the four Rim Spacers into the rim mounting holes in the backboard. These spacers prevent any force from being applied to the backboard. See Figure 4.

Note: These steps are best completed with an extra set of hands to hold the rim.

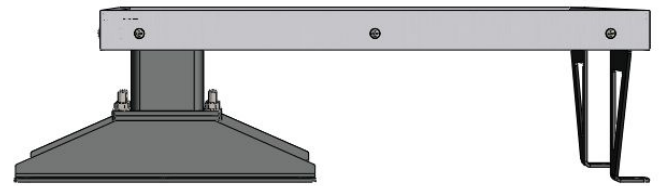


Figure 3

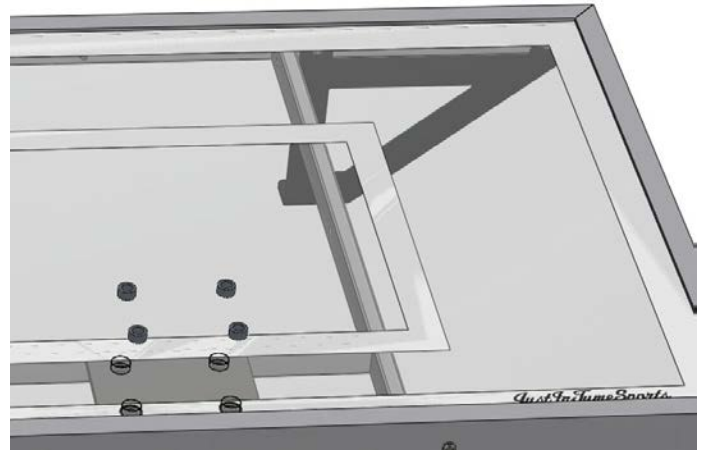
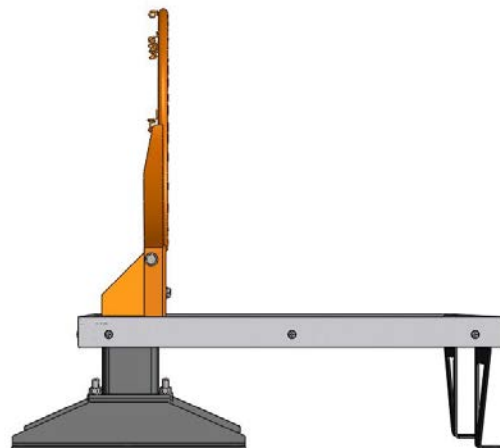


Figure 4



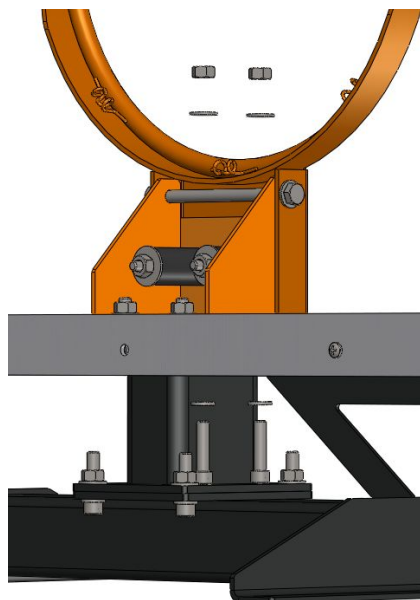
Set the Rim Assembly on the Frame Assembly and align the four mounting holes. See Figure 5.

Insert the four 1-1/4" Bracket Screws from the back side of the Extension Bracket placing a lockwasher on each screw prior to insertion. Then place a Flat Washer and Hex Nut on each Screw as the screw comes through the Rim. This can be a bit tricky with the limited space behind the Rim Springs. See Figure 6 and Figure 7.

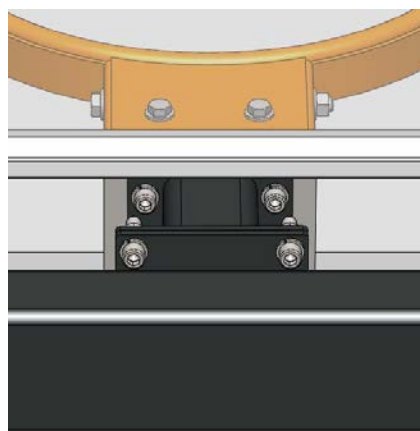
Note: It is easiest if you hold the nut with two fingers and spin the screw from underneath to get the threads started.

Once your rim is tightened you can

**Figure 4**



**Figure 6**



**Figure 7**

#### **IV. Backboard Pad and Net Assembly**

The outside pads have a hole in them to fit over the frame screws. The front of these pads should be flush with the front of the aluminum frame. See Figure 8.

Install the Net. The long loops should be at the top and loop through each eyelet. The knot (at the bottom of the net) should be located at the back.

Your hoop is now ready to be mounted.



**Figure 8**

The Lag Screws included with your hoop are engineered to be stronger than a typical lag screw – do not substitute with a lower grade lag screw. Mount using the three Bracket Screws provided (screws are long enough to mount through 1/2" drywall). You can use bar soap on the bracket screws as a lubricant so the screws will turn in easier.

## V. Mounting the Hoop

**Note:** The Mini Pro Ultimate is not a toy. Aggressive basketball play can put significant forces on the mounting structure. Make sure the structure is strong enough to support your intended play. You may want to reinforce your standard wall studs with additional 2x4s or a sheet of high-grade 3/4" plywood.

The mounting brackets are designed with 16" between the centerlines of the left and right side. This corresponds with the 16" center distance of wall studs in most residential construction. See Figure 9.

You will need a 3/16" drill bit and a 3/8" wrench for mounting and adjusting. You will also need some soap to act as a lubricant for the lag screws.

Locate the CENTER of both wall studs using a stud finder.

Determine the desired rim height. \_\_\_\_\_

Subtract 1-1/2" from the desired rim height for the middle hole of the Lower Wall Bracket.

Locate the bottom bracket hole 5-1/2" below the middle hole.

Locate the top bracket hole 5-1/2" above the middle hole.

Locate the Upper Bracket hole 13-3/8" above the top hole of the Lower Bracket.

Drill the four mounting holes in each stud using a 3/16" drill bit.

You can now lubricate each of the lag screws with soap before proceeding. This will help when tightening the screws.

Hold the hoop in place and insert the lag screw with washer for the upper hole of the Lower Bracket. Do not tighten completely.

While making sure the hoop is level, insert the lag screw and washer in the bottom hole of the Lower Bracket. Do not tighten completely.

Double check that the hoop is level. Tighten the four screws connecting the wall bracket to your middle extension bracket. Then insert the lag screw and washer in the Upper Bracket.

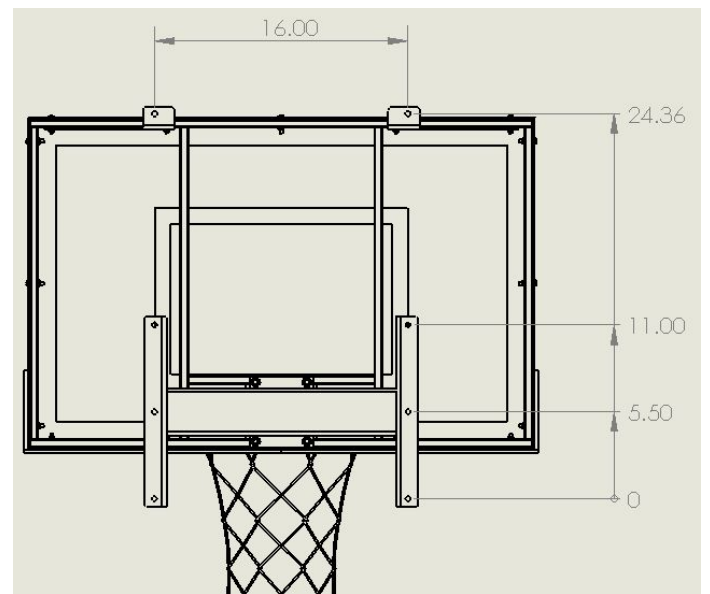


Figure 9

### Caring for your backboard:

Your backboard is made from poly-carbonate which is known for its durability and break resistance. If you'd like to, wash your backboard with mild soap and water. Use a clean soft cloth, applying only light pressure. Rinse with clear water and dry by blotting with a damp cloth or chamois. Do not use window cleaning sprays, kitchen scouring compounds, or solvents.