

532-659 Wall Mount Basketball System

IMPORTANT

PLEASE READ THESE INSTRUCTIONS BEFORE COMMENCING ASSEMBLY. All equipment must be installed in accordance with these instructions. Check your shipment against Bill of Lading and Parts list. Any missing or broken parts must be reported to your distributor within 10 days of receipt of your order. When properly installed and maintained, equipment will give many years of safe, trouble-free use. Periodically check for loose or broken parts. Loose bolts must be tightened and broken parts must be replaced as they can possibly create dangerous situations leading to unnecessary accidents.



PACKING LIST

HARDWARE BAG

	CTN	1	Hardware Bag	6	196-610	3/8" x 2 1/2" Elevator Bolt
1		1	533-934 Crank Assembly	3	196-810	1/2" x 3" Hex Bolt
1		2	533-935 Upper Arm Assy.	4	196-813	5/8" x 2 1/4" Hex Bolt
1		1	533-936 Lower Arm Assy.	4	196-815	5/8" x 2 3/4" Hex Bolt
1		2	533-937 Wall Board Adjust.	6	226-602	3/8" Nylon Insert Lock Nut
1		1	533-938 Frame - Adj. Bball.	16	226-803	5/8" x 3/4" OD 3/4" long bronze bushing
1	CTN	1	543-960 Acrylic Backboard	8	226-901	5/8" Lock Nut
		1	545-965 Rim Spacer	6	316-601	3/8" Flat Washer
1	CTN	1	545-975 Breakaway Rim	4	316-801	1/2" Flat Washer
		1	516-100 Hardware Bag - Rim	3	226-802	1/2" Nylon Lock Nut

1 Skid 4' x 6' x height of container (no stacking)

350# Weight

Class 60

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- NOTE** All threaded ends of bolts protruding beyond nuts must be cut off and/or peened to eliminate sharp edges. No more than two threads should extend beyond face of nut. All washers, "T" nuts, and other fastener hardware used on round pipe or tubing must be hammered down to conform to the curved underlying surface to eliminate catch points.
- NOTE** Because of varied mounting surfaces (brick, siding, etc.) fasteners to secure mounting boards to wall are NOT provided.
- Step 1 The mounting frame will be installed at a distance of 8'4" from the playing surface. This distance marks where outside edge of the mounting frame will attach to the wall.
- Step 2 Bolt the frame to the wood mounting boards using 6 - 3/8" x 2 1/2" elevator bolts, 3/8" flat washers and 3/8" nylon insert lock nuts.
- Step 3 Decide what type of anchoring hardware you will be using to attach the unit to your wall. Use the frame as a template to mark where the holes will be drilled. You will be drilling 16 holes - 8 holes per board. You can either use the frame as a template or make a cardboard one.
- Step 4 Before drilling the wall, make sure the distance from the bottom outside edge of the frame to the surface is 8'4". This measurement is critical to insure that the board will adjust between 7' and 10'.
- Step 5 Drill holes, anchor the wood and frame to the wall.
- Step 6 Attach the crank to the frame using 2 - 1/2" x 3" Hex Bolts and nylon lock nuts. Draw it close, but do not over tighten, you want this to move.
- Step 7 Attach the left upper arm making sure the sleeve inserts into the T on the crank and then attach the end of the arm to the frame by inserting two bronze bushings, one through the angle and the frame and the other through the frame. Run the 5/8" x 2 3/4" Hex bolt and lock nut. Draw up close, but do not over tighten. You want these to move.
- Step 8 Repeat Step 7 for the right upper arm.
- Step 9 Mount lower arm assembly to the wall frame using 4 bronze bushings, 2 - 5/8" x 3" hex bolts and 5/8" lock nuts. The crossbar on the lower arm should be closest to the backboard frame. Draw up close but to not over tighten, you want these to move. Repeat for the other side.
- Step 10 Make sure the crank is lowered to it's lowest position. Mount the upper frame into the upper holes on the backboard frame with 4 bronze bushings and two 5/8" x 2 1/4" hex bolts and 2 5/8" lock nuts. Draw up close but to not over tighten, you want these to move.

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- STEP 11 Mount backboard to upper arms using upper holes on backboard use 4 bronze bushings, 2 5/8" x 2 1/4" hex bolts and 2 5/8 lock nuts.
- Step 12 Mount the lower arms to the bottom holes on the backboard using the same hardware as in step 11
- STEP 13 Mount the rim to the board using instructions included with the rim.