

Easy Step-by-Step Dart-Stop Backboard Mounting Instructions

Please Note: The hardware zipper bag is stapled to the corner of the backboard bag.

It includes: 2- 3 inch [76 mm] screws, 2- plastic wall anchors and 1- bristle dartboard screw

Required **and** Optional Tools

Stud Finder (Optional)	Measuring Tape	Hammer or Rubber Mallet	Pencil or Marker
Screw Driver (Electric or Hand), Phillips-type	Carpenter's Level or Plumb Line (Optional)		
Drill with 1/4 inch [6 mm] or 1/8 inch [3 mm] diameter Drill Bit (See Step 1, Tip 4 and Step 3 to determine which size)			

A second person is recommended for Step 5: Mounting the backboard to the wall.

Step 1: Determine the backboard mounting location. See other side of this page for illustration

- Tips
1. Choose a location 3 to 5 feet [1 to 1.5 m] wide and 10 to 12 feet [3 to 3.7 m] deep for the throwing "lane."
 2. Be aware that thrown darts occasionally "bounce-out", so locate your backboard away from furniture, etc. that could be damaged. A rug or other floor covering is recommended to protect dart tips or bare floor.
 3. If you plan to locate a scoreboard, etc. next to the backboard, allow at least 18 to 24 inches [50 to 60 cm] of space beside the backboard.
 4. For optimal mounting stability in drywall construction, locate your backboard so the mounting points are centered on a wood stud. Use a stud finder to make this easier. Plastic wall anchors are included so that you can mount your backboard on most wall materials. See Step 3 for more information.

Step 2: Mark the two mounting locations on the wall (Use the same distances for both 29 inch and 36 inch sizes.)

2A: Make a mark at 60-1/2 inches [154 cm] above the *floor*, measured from the point directly below where the dartboard will be mounted.

2B: Make a second mark 15 inches [38 cm] *above* the first mark or, 75-1/2 inches [192 cm] from the *floor*.)
For additional accuracy use a carpenter's level or plumb line to assure vertical alignment of the two marks.

[This will locate the center of the dartboard at the standard height of 5 feet 8 inches [173 cm] above the floor.]

Step 3: Drill a hole at each of the two marks to a depth of 2-1/2 inches [64 mm.]

With Anchors: For drywall, plaster, stucco, concrete and masonry, drill 1/4 inch [6 mm] diameter holes.

Without Anchors: Wood walls and studs behind drywall (5/8 inch [16 mm] max), drill 1/8 inch [3 mm] holes. Assure 3/4 inch [19 mm] of wood (screw holding depth) in walls and 1-1/2 inches [38 mm] in studs behind drywall.

Step 4: Insert one plastic anchor (included) into each hole and lightly tap into place with a hammer or rubber mallet so the round head is flush with wall surface.

Note: This step is skipped if you are fastening directly into a wood wall or a wood stud behind drywall.

Step 5: Mount the backboard to the wall.

5A: Being sure the Dart-Stop logo is on top, hold the backboard on the wall, lining up the two mounting points of the backboard with the two anchors or holes in the wall from Step 3.

5B: While one person holds the backboard, a second person drives in the two 3 inch [76 mm] long wall mounting screws (included), one at each of the two steel mounting points of the backboard.

- Tip
- While the helper inserts the screws into the mounting holes and presses to keep them in place; the holder moves the backboard toward the wall by peaking around the back to line up the screws and the anchors or holes. (Good illumination of the wall behind the backboard is necessary for this method.)
Once the screws are aligned the helper drives them in place while the holder continues to hold the backboard. Drive the screws by first installing the lower screw about an inch to hold it in place then completely drive in the top screw. The holder stabilizes the backboard while allowing it to move closer to and against the wall.

Step 6: Mount the dartboard to the backboard.

A dartboard mounting screw (7/8 inch by #12 [22 x 5.5 mm] (+/-) pan head sheet metal screw) is included. Screw this into the center back of the dartboard until about 1/4 inch [6 mm] protrudes. *Do Not* use any other dartboard parts. Place the dartboard onto the backboard, engaging the head of the screw into the open vertical slot of the dartboard bracket in the middle of the backboard. Adjust the depth of this dartboard screw until the dartboard fits snugly onto the backboard.

Warning: To avoid personal injury, backboard or property damage, verify security of backboard mounting prior to use. Re-check periodically and re-mount if necessary to maintain wall mounting integrity.

