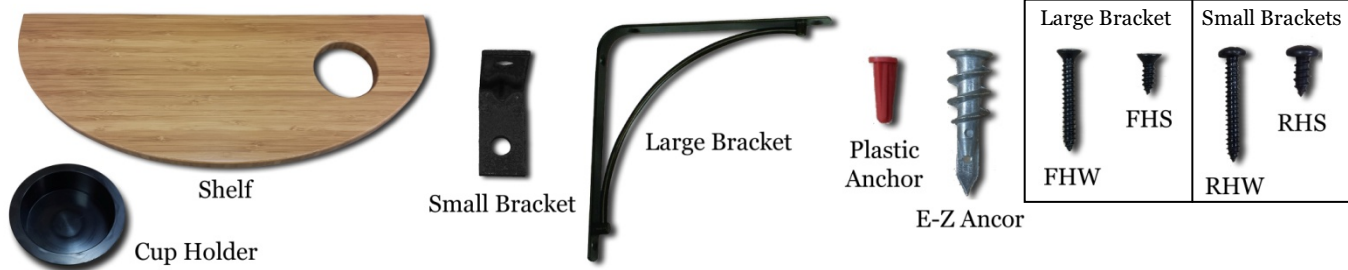




Dart-Center GameRoom Shelf Mounting Instructions

Contents List

- 1- Bamboo shelf
- 0 to 2- Optional cup holder insert(s) (removable)
- 1- Large bracket
- 2- Small brackets
- 2- FHS screws (shelf side for large bracket)
- 2- RHS screws (shelf side for small bracket)
- 2- FHW screws (wall side for large bracket)
- 2- RHW screws (wall side for small bracket)
- 4- plastic anchors
- 4- metal E-Z Anchors



Required and Optional Tools

- **Pencil** [to mark wall mounting locations]
- **Electric or hand Philips screwdriver, #2 driver tip** [to attach metal brackets]
- **Drill bit**
 - Drywall: (the most common wall material) does not require pre-drilling unless you will be mounting through the drywall into a wood or metal stud
 - Wood or thru drywall into wood or metal studs: 7/64 inch [for pre-drilling prior to driving the RHW and FHW screws]
 - Plaster, masonry or concrete: 3/16 inch *masonry type* [for pre-drilling prior to inserting plastic anchors]
- **Hammer** [to install plastic anchors into plaster, concrete or masonry walls]
- **Optional Tools**
 - Level (Spirit type or similar) [for leveling the shelf]
 - Square (Adjustable, Carpenters type or similar) [for installing the brackets]
 - Stud Finder [used to located wood or metal studs for more secure wall mounting]

Step-by-Step Instructions

- Determine the mounting location**
 - Suggested considerations
 - What will its primary function be?
 - Will the shelf be used while standing or sitting?
 - Will it be used as a billiard cue rack?
 - Avoid mounting it where it would create a hazardous protrusion
- Verify all components and hardware are present and become familiar with them**
- Attach the brackets to the bottom of the shelf using the FHS and RHS screws**
 - The bottom of the shelf has small positioning holes that line up with the bracket holes—two holes at the middle for the large bracket and one hole at each end of the shelf for the two small brackets. Center the bracket hole over the hole in the wood then attach the bracket using the FHS and RHS screws. The RHS screws correspond with the small brackets;



the FHS screws correspond with the large bracket. Be sure to install the brackets perpendicular to the wall side of the shelf

- b. Optional: Use a square to place the brackets perpendicular to the wall side of the shelf
- c. *Very Important:* Use care when installing the screws to avoid overdriving them. This may result in an unstable wall mounting condition

4. Position the shelf at the wall mounting location then mark the four mounting holes

- a. A helper is useful for this step. One person holds the shelf while the other marks the holes
- b. Optional: use a level to assist in leveling the shelf orientation
- c. While firmly holding the shelf in place, use a pencil to carefully mark inside each of the four mounting holes of the brackets where the shelf will be attached to the wall
- d. Remove the shelf from the wall then place it out of the way in a safe place for the next step

5. Determine the material you will be attaching to then pre-drill at the marks as required

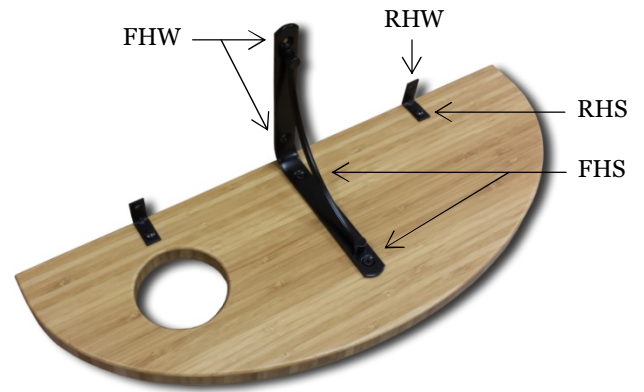
- a. Important: carefully center drilled holes on the marks so the shelf brackets will line up in step 7.
- b. Drywall: pre-drilling isn't required unless screwing through drywall into wood (if yes, see step 5.c.) Also see step 6.b.iii. for a method to mount into a wood stud for additional strength
- c. Wood: pre-drill using a 7/64 inch diameter drill bit to a depth equal to the screw length
- d. Plaster, concrete or masonry: pre-drill using a 3/16 inch diameter *masonry* drill bit to a depth equal to the screw length

6. For non-wood walls, install an anchor at each mark or pre-drilled hole as required

- a. Drywall: install one E-Z Ancor at each mark. Install the anchors with a Philips screwdriver or electric screwdriver using a #2 driver head or bit
 - i. If you encounter a wood stud, remove the E-Z Ancor and pre-drill using a 7/64" drill bit. Only a screw is required at a wood stud; do not use an anchor.
 - ii. Be careful to center the anchor on the mark so the shelf brackets will line up in step 7.
 - iii. For the strongest mounting, use a stud finder to locate a wall stud inside the wall near the center of the desired shelf mounting location. Mount the center bracket into the stud
- b. Plaster, concrete or masonry: install one plastic anchor into each pre-drilled hole. Do this by hammering it into place so the flat head is flush with the wall surface

7. Attach the shelf to the wall using the FHW and RHW screws, two of each

- a. Line up the bracket holes with the anchors or mounting holes in the wall
- b. Drive in the screws using a manual or electric Philips screwdriver. The FHW screws correspond with the large bracket; the RHW screws are used with the small brackets
- c. This completes the installation



Shelf Cleaning

- Use a soft cotton cloth dampened with soapy water to periodically clean the shelf surface and/or cup holder inserts then follow with a dry cotton cloth to remove any residual soapy water
- Avoid the use of abrasive pads or cleaners
- When heavier cleaning is needed, use a cleaning solution intended for wood surfaces with a polyurethane finish

Questions? Call Toll-Free (877) 271-STOP [7867]