playzone-fit

B4A.112
HANGING HARDWARE KIT
WEIGHT LIMIT: 500 lb (226 kg)

Instructions for Hanging hardware kit

CAUTION: This installation needs to be performed by a qualified professional person. Improper installation may result in both damage to the structure and serious injury to the user. Do not use parts that are not b4Adventure parts! Do not allow children to play with the kit. Set contains small parts and the rope can be a strangulation hazard!

⚠ **WARNING: You must test your installation BEFORE using it. To Test: See MANDATORY LOAD TEST SECTION on page 2.**

KIT CONTENTS:

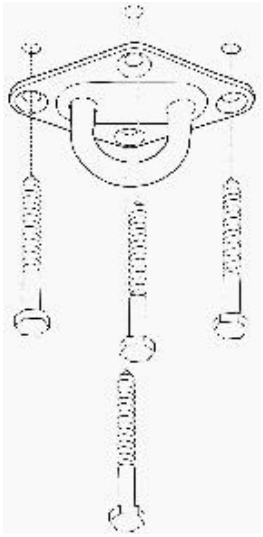
(2) Bracket with eye
(8) 10 mm mounting Screws (1) 10mm socket tool

TOOLS REQUIRED (not included):

(1) Stud finder
(1) 1/8" (3.1mm) drill bit
(1) Pencil for marking
(1) Cordless Drill.

(2) **PREPARE TO INSTALL YOUR BRACKET**

a. **SELECT** a location that is not over hard surfaces.
b. **LOCATE (Fig. 1)** a wood ceiling joist (beam) by using a stud finder (not included). The beam must be a solid, straight-grained structural joist. Do not use any joist that has signs (if visible) of wear, cracks, damage or old age. Generally, these beams are 16 to 18 inches (41 to 46cm) apart. Do not use dry wall alone.
c. **MARK IT (Fig. 2)** Once you have found your beam, mark a small dot and place the bracket over what you can determine is the center of the beam and mark with a pencil other 3 holes of the bracket at that beam center location
d. **DRILL IT (Fig. 3)** Use a 1/8" drill bit and drill (both not included) make a pilot hole at each of the holes you marked in step 3. Drill each pilot hole approximately 2" into the joist.



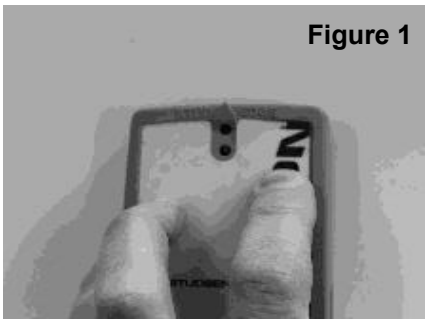


Figure 1

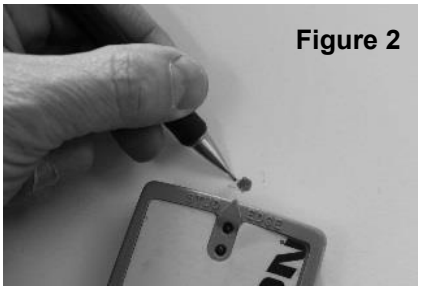


Figure 2

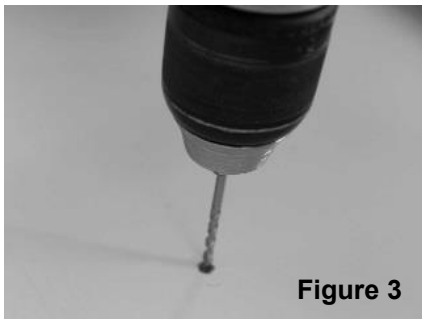


Figure 3

(3) **INSTALL YOUR BRACKET**

a. **INSTALL SCREWS** Once you have drilled your four pilot holes, place your bracket on the beam and using the 10mm drive socket provided, install all four screws provided until bracket is snug against the ceiling/joist/beam. **CAUTION: DO NOT OVERTIGHTEN.**

CAUTION: If you start drilling and the drill bit goes in too easily you most likely have not drilled into your beam. Repeat the search above and try again.

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CHOOSING THE SITE:

• Do not install home playground equipment over concrete, asphalt, packed earth, grass, carpet, or any other hard surface. A fall onto a hard surface can result in serious injury or death to the equipment user. Due to the variety of swing sets and places that this product can be suspended, we must urge caution when attaching the swing to your structure.

• Protective surfacing under swings is recommended. “To and Fro” swings should have a fall zone extending a minimum of 6 ft (2 m) from the outer edge of the support structure on each side. The “fall zone” in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure. Swings should have a minimum of 8 in (20 cm) between them. (ASTM F-1148-18) The bottom of a swing should not be less than 8 in (20 cm) above the protective surfacing material.

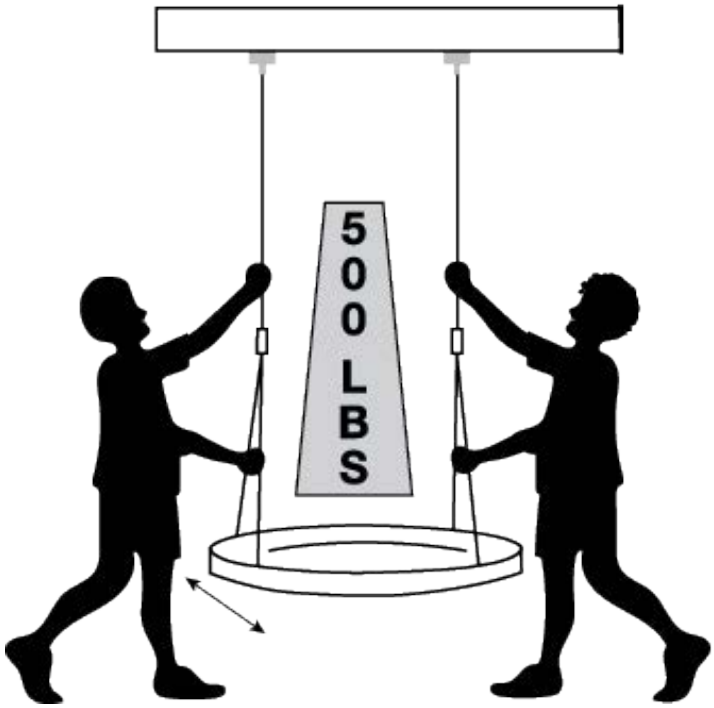
SURFACES: Maximum fall height is 84 in (213 cm), playground surface material should be 8.9 in (23 cm). See “Outdoor Home Playground Safety Handbook” from the U.S. Consumer Product Safety Commission.

SUPPORT STRUCTURES: Be certain that the overhead structure can support at least 300 lb (136 kg). If attaching to a tree limb, make sure the tree is alive and healthy. Recommended diameter of tree limb is 10 in (25 cm) Before anyone uses the swing, a stress/weight test should be performed (see step 3).

MANDATORY STRESS LOAD TEST

• First check all connections

• Have 2 Adults, whose combined weight is apx. 500 lb (226 kg), pull down together on the swing. **CAUTION:** make sure they are in a safe position in case the branch or structure should come down. Gradually have them apply all their combined weight. During this process, check for breaking or cracking.



(226 kg)