For the most up to date assembly manual, to register your set, or to order replacement parts please visit www.backyarddiscovery.com

average 2 person assembly time

assembly time may vary based on skill level

SAVE THIS ASSEMBLY MANUAL FOR FUTURE REFERENCE IN THE EVENT THAT YOU NEED TO ORDER REPLACEMENT PARTS.
WARNING

IT IS IMPORTANT TO CHECK AND TIGHTEN ALL HARDWARE AT THE BEGINNING AND DURING THE SEASON AS THEY MAY LOOSEN DUE TO WOOD EXPANSION AND CONTRACTION.

- Wood is NOT flame retardant and will burn. Grills, fire pits and chimineas are a fire hazard if placed too close to your structure.
- Wear gloves to avoid injury during installation.
- During installation, follow all safety warnings provided with your tools and use safety glasses.
- Check all nuts and bolts twice monthly during the usage season and tighten as required. (But not so tight that you crack the wood) It is particularly important that this procedure be followed at the beginning of each season.
- Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
- For rusted areas on metallic members such as hinges, brackets, etc. sand and repaint, using a non-lead-based paint meeting the requirements of Title 16 CRF Part 1303.
- Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe environment. Treating your Product with protection (sealant) after sanding will help prevent severe checking/splitting and other weather damage.
- We have applied an oil based stain to your unit. This is done for color only. Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any “rough” spots on your set. Please note this is a requirement of your warranty.

OWNERS SHALL BE RESPONSIBLE FOR MAINTAINING THE LEGIBILITY OF THE WARNING LABELS
About Our Wood

Your Backyard Discovery product is made out of 100% Meranti wood. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

What causes weathering? Does it affect the strength of my product?

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the climate changes, moisture moves in or out of the wood, causing tension which can result in checking and warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

1. **Checking** is surface cracks in the wood along the grain. A post (4” x 4”) will experience more checking than a board (1” x 4”) because the surface and interior moisture content will vary more widely than in thinner wood.

2. **Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.

3. **Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn grey over time.

How can I reduce the amount of weathering to wood product?

1. Your wood product is coated with an oil-based stain. Sunlight will break down the coating, so we recommend applying an oil-based stain on a yearly basis (see your local stain and paint supplier for a recommended product). You must apply some type of protection (sealant) to the wood of your product. **Please note this is a requirement of your warranty.** Most weathering is just the normal result of nature and will not affect safety. However if you are concerned that a part has experienced a severe weathering problem please call our customer service department for further assistance.

2. Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe environment. Treating your Product with protection (sealant) after sanding will help prevent severe checking/splitting and other weather damage.
**Important Assembly Notes**

1) While assembling unit, take time before and after each phase to make sure unit is level. If unit is not level, assembly will be difficult and improper assembly may result. Extra care must be taken to ensure the unit is square.

2) Pay close attention to the ITEMS NEEDED FOR EACH PHASE. They can be a valuable aid when sorting your wood and hardware. Assembly will be made easier if items are sorted by phase.

3) Pay close attention to make sure you are using the correct hardware in the correct phases. Using incorrect hardware may result in improper assembly.

4) Whenever a cross dowel is inserted in each end of support brace, use the cross dowel tool to align the cross dowel with the flathead cap screw.

5) Read the steps of each phase thoroughly. The written steps may include important information not shown in the illustrations.
ASSEMBLY INSTRUCTION

HARDWARE:

- FLATHEAD SOCKET CAP SCREW (6) M6 x 60
- WASHER FLAT (6)
- WOOD DOWEL 8mm x 30mm (4)
- CROSS DOWEL M6 THREADS (2)

WOOD:

- BENCH UPRIGHT - W2A02645 (2) 1 7/16"x13 3/8"x17 3/8" (36x340x440)
- BRACE - W4L12788 (1) 1"x2 5/8"x39" (24x68x990)

TOOLS:

- CROSS DOWEL TOOL (1)
- ALLEN WRENCH 5/32 (1)

WASHER FLAT 6x15 (6)
WOOD DOWEL 8mm x 30mm (4)
SCREW - 60mm (2)
CROSS DOWEL (2)
CROSS DOWEL TOOL (1)
ALLEN WRENCH (1)
ALLEN WRENCH (1)
CROSS DOWEL TOOL (1)
ALLEN WRENCH 5/32 (1)