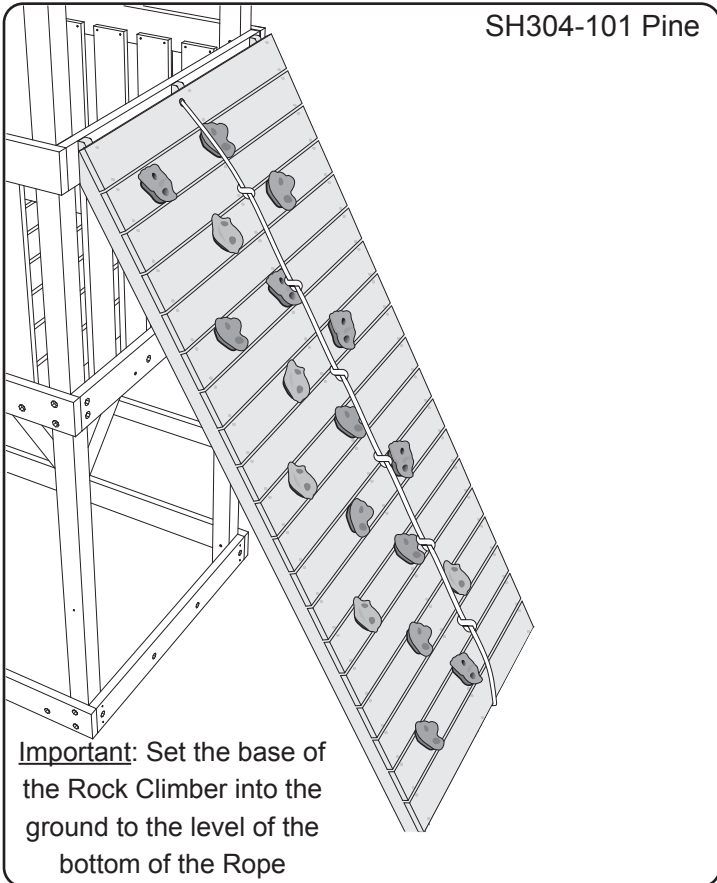


Creative Playthings®

MODEL #SH304-101
ASSEMBLY MANUAL

PINNACLE ROCK WALL



SPECIAL NOTES

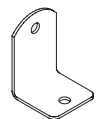
- **The Pinnacle Rock Wall is not intended for children under six years of age.**
- The Pinnacle Rock Wall **must** be fastened to the Wall Support at the **rear** of your Playset.
- The Pinnacle Rock Wall can not be used in conjunction with any option that would fasten to the rear wall of a Playset.
- All the Hand Holds supplied must be fastened to your Rock Wall. There should be no unused mounting holes left on the Rock Wall. Unused holes could present a finger entrapment hazard to your child.
- Keep Hand Holds clean so that they can be inspected for cracks and sharp edges. Replace any damaged Hand Holds.
- Replace any bolts or weld nuts that become stripped or cross threaded.
- Please review your original Playset Assembly Manual and your Owners Manual before assembly of your Pinnacle Rock Wall.
- Provide a soft surface free from obstructions 6' out from the base of the Pinnacle Rock Wall. See your original Playset Instructions for recommended play surfaces.

COMPONENT PARTS

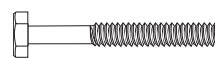
A	2	33601-102	Angled Rail 2 x 4 x 108"
B	1	33602-102	Center Rail 2 x 4 x 108"
C	9	32298-102	Rock Board 5/4 x 6 x 46"
D	9	32299-102	Spacer Board 5/4 x 6 x 46"
E	1	33565-102	Top Rope Board 5/4 x 6 x 46"
F	1	32300-102	Bench Seat 2 x 6 x 40"
G	2	32301-102	Bench Support 2 x 6 x 10-5/8"
H	1	32302-102	Bench Cleat 2 x 3 x 31-1/4"
I*	1	32834-102	Center Post 4 x 4 x 67-1/8" (* Used only on gyms with gambrel tents)
J	1	40400-100	Climbing Rope Assembly



18 Climbing Rocks



Access Ladder Bracket



Hex Bolt



Lock Washer



Screw



Flat Washer



Lag Screw



Weld Nut

See the last page for Part Number Reference.

TOOLS REQUIRED FOR ASSEMBLY

- 7/16" & 1/2" Socket Wrench
- 3/8" & 1" Diameter Drill. (1/4" may be needed)
- Phillips Screwdriver or Drill with Screw Tip
- Tape Measure

All hardware on this set is specially coated for corrosion resistance. If non-Creative Playthings hardware is used, it **MUST** be galvanized or stainless steel.

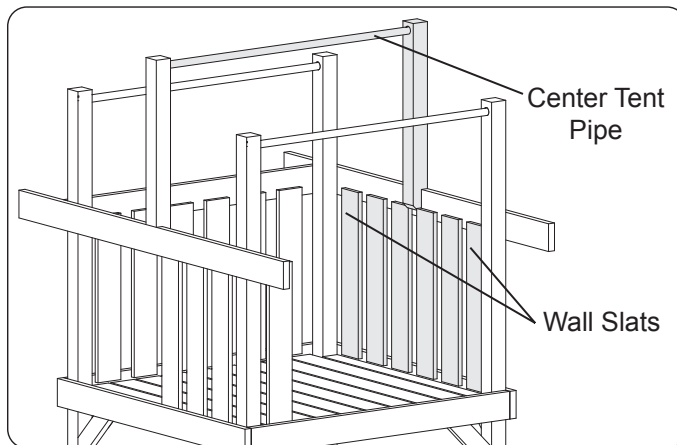
ASSEMBLY INSTRUCTIONS

The instructions on this page are for the installation of the Pinnacle Rock Wall to the back of a gym with a gambrel (barn-shaped) tent only. If your gym has a hooped tent or a wooden roof, these preparations are not necessary.

Remove Wall Slats and Back Tent Post:

If your gym is fully assembled, remove the gambrel tent and the center tent pipe. Remove the back Tent Post and the Wall Slats from the back wall of the gym.

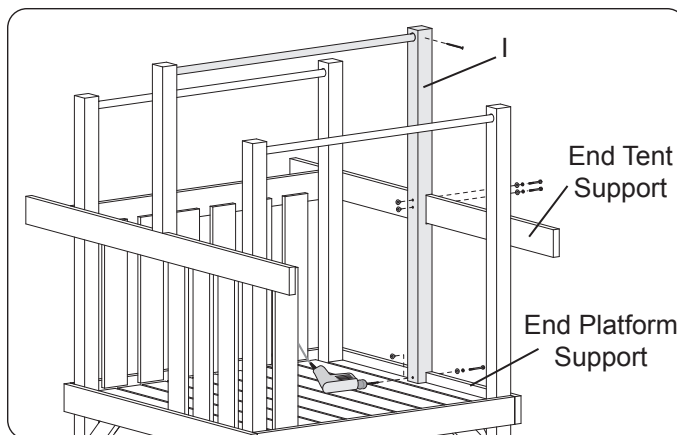
Be sure to save the Tent, Pipes, Wall Slats and all of the hardware for reassembly.



Install New Center Post:

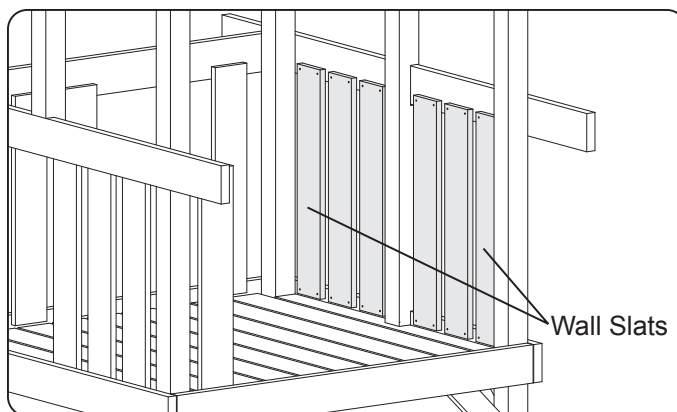
Put the Center Tent Pipe in place. Using the 5/16 x 2-1/2" Hex Bolt Assemblies from the original Tent Post, fasten the Center Post (I) to the End Tent Support. Re-fasten the Center Tent Pipe.

Use a level to make sure the Center Post is plumb. Drill a 3/8" diameter hole through the hole in the bottom of the Center Post and then through the Platform End. Fasten the Center Post using one 5/16 x 3" Hex Bolt Assemblies.



Restore Wall Slats:

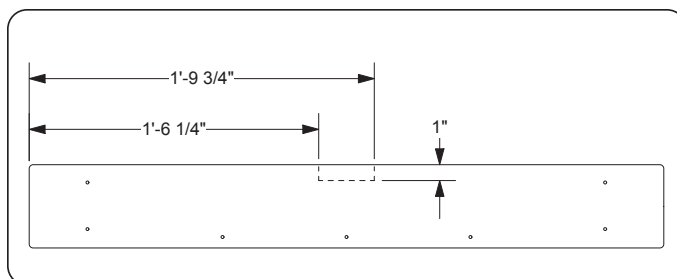
Evenly space three Wall Slats between each gym Corner Post and the new Center Post. Fasten them using the original screws. The gap between boards will be approximately 2-1/4".



Prepare Bench Seat:

Use a saw to cut a notch to fit around the new Tent Post. Cut the notch in the side without holes. The dimensions of the notch are shown at right.

When fastening the Bench to the gym. Fit the notch around the Tent Post.



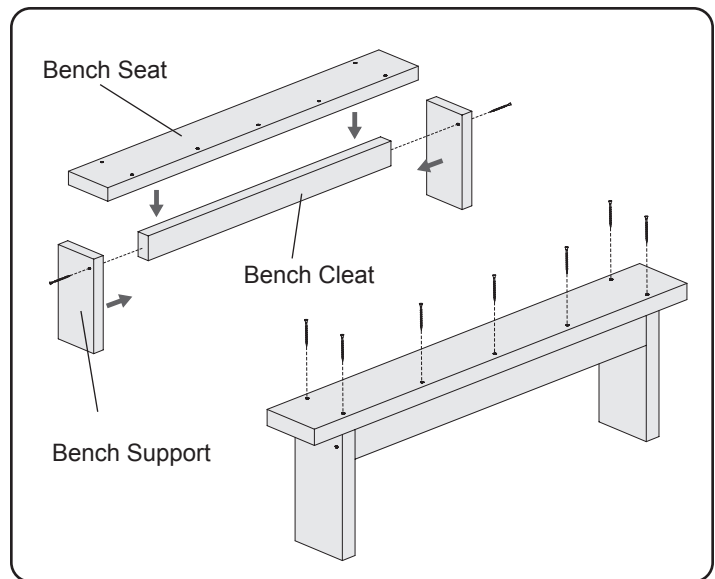
ASSEMBLY INSTRUCTIONS

STEP 1 — Assemble Bench Step:

Layout the two Bench Supports (G) so that they can be attached to each end of the Bench Cleat (H), lay the Bench Seat (F) on top and centered, see illustration.

Fasten the two Bench Supports (G) to the Bench Cleat (H) using one #8 x 2-1/2" Phillips Head Screw to fasten each board. Fasten the Bench Seat (F) to the Bench Supports (F) and the Bench Cleat (H) using seven #8 x 2-1/2" Phillips Head Screws, see illustration.

NOTE: The Bench Step is used on installation to any Standard Gym. It is not needed on Skybox installation.



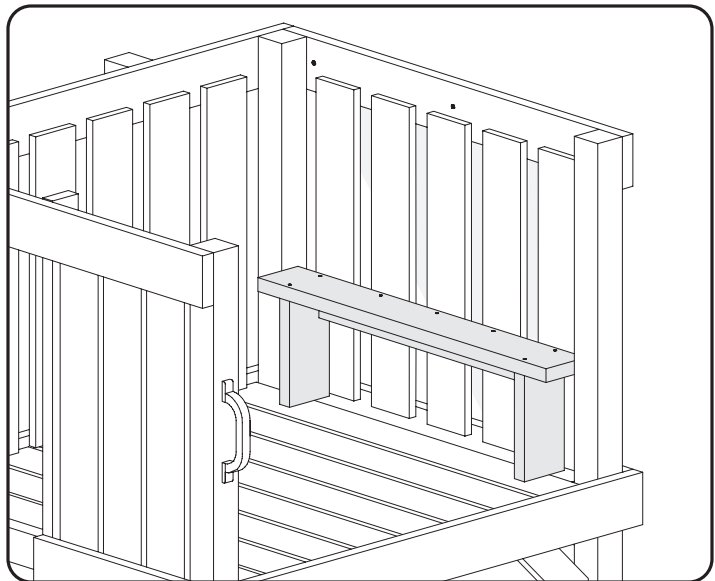
STEP 2 — Attach Bench Step to Playset:

Place the assembled Bench Step along the Rear Wall of your Playset. Make sure it sits flat against the Rear Wall and the Floor Boards.

Fasten the Bench Step to the Rear Wall in at least four places, using #8 x 2-1/2" Phillips Head Screws through the Wall Slats into the back of the Bench Seat from the back of the Gym.

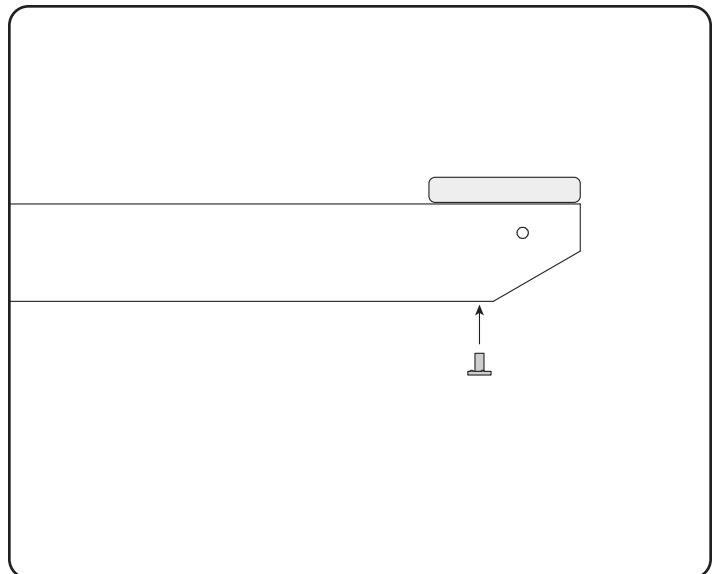
Fasten the Bench Step to the Floor Boards using four #8 x 2-1/2" Screws, two in each Bench Support. Screw through the Floor Board from below into the bottom of each Bench Support.

NOTE: Some wall slats removed from illustration for clarity.



STEP 3 — Prepare for Top Rope Board:

Insert a 1/4" Weld Nut into the bottom surface of both Angled Rails (A). This is to fasten the Top Rope Board (E).

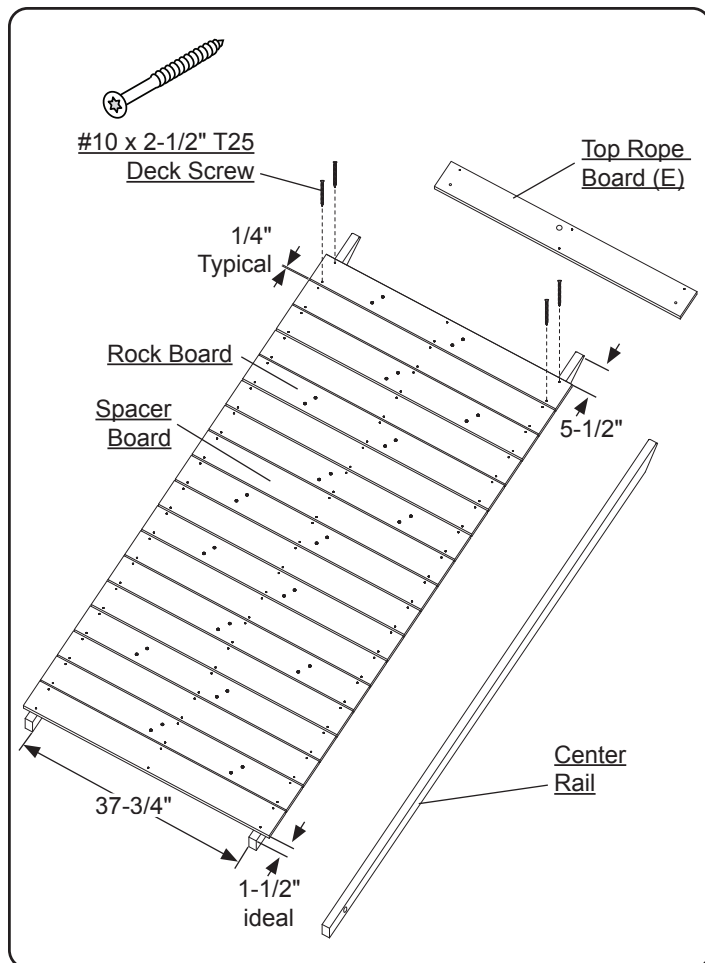


ASSEMBLY INSTRUCTIONS

STEP 4 — Assemble Rock Wall:

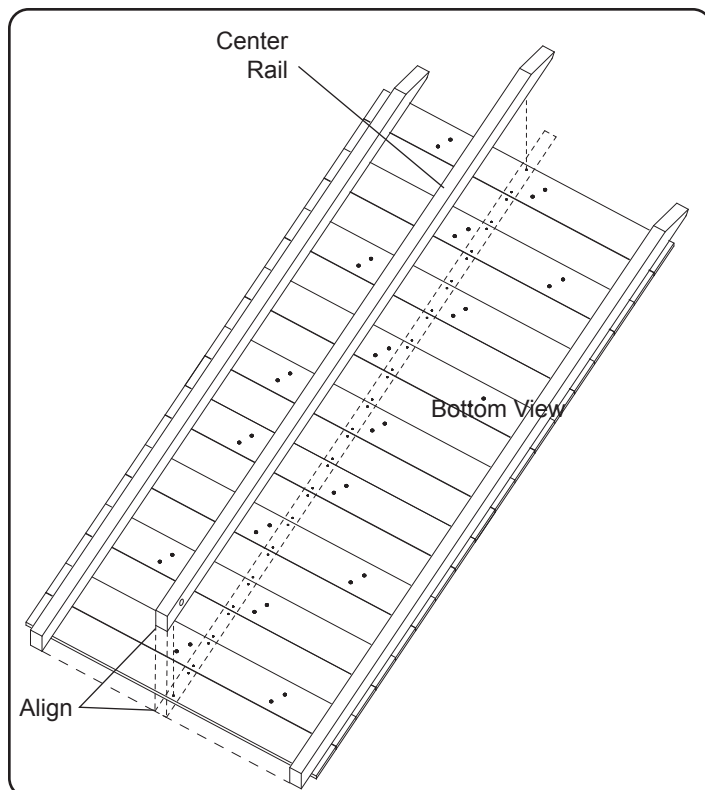
Set the two Angled Rails (A) approximately 37-3/4" apart. Fasten a Rock Board (C) 5-1/2" from the top of the Angled Rails using four #10 x 2-1/2" T25 Deck Screws. Make sure to leave enough space for the Top Rope Board. The Rock Board must be at a right angle to the Rails. **Drill a 1/8" diameter pilot hole for each screw.**

Starting at the top, lay out the remaining Rock Boards and Spacer Boards (D) in the pattern shown in the illustration, alternating the direction of the holes in the Rock Boards. Leave 1/4" to 3/8" gaps between the boards. The shaft of a 1/4" Bolt or 1/4" Weld Nut can be used to gauge the gaps. Use four #10 x 2-1/2" Deck Screws to fasten each board. Leave off the Top Rope Board (E), at the top of the Rock Climber, until the unit is fastened to the gym. **Drill a 1/8" diameter pilot hole for each screw.**



STEP 5 — Attach Center Angled Rail:

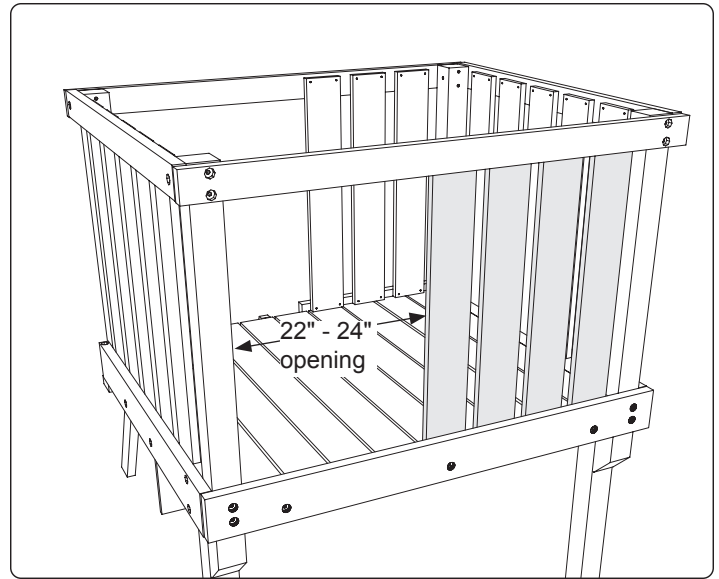
Attach the Center Rail (B) to the center of the back of the boards. Align the bottom of the Center Rail with the bottom of the two outside Rails. Fasten the Center Rail using #10 x 2-1/2" T25 Deck Screws from the front of the Rock Climber. **Drill a 1/8" diameter pilot hole for each screw.**



ASSEMBLY INSTRUCTIONS

STEP 6 — Remove Wall Slats: (Skybox installation only)

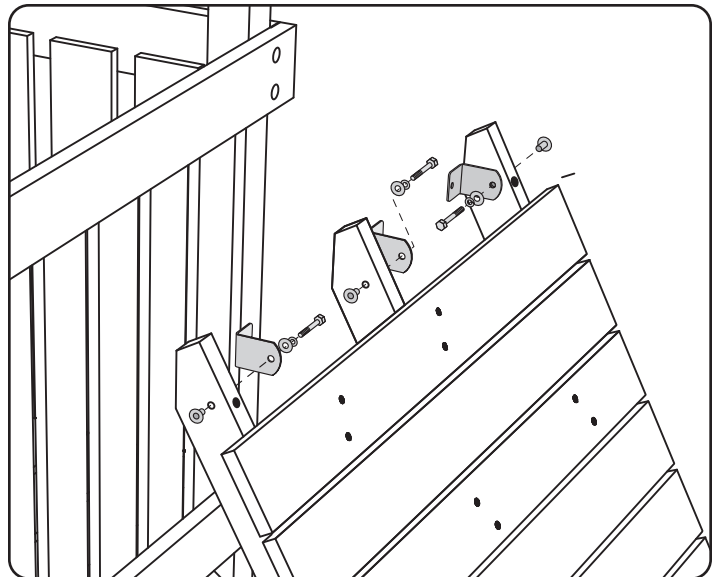
The Pinnacle Rock Wall must be fastened to the rear of your Skybox. Create one opening, 22"-24" wide, in the rear wall of your Skybox by removing three Wall Slats (see illustration). Save the removed Wall Slats in case they are needed for repair or replacement.



STEP 7— Attach Brackets:

Attach the Access Ladder Brackets to the Angled Rails of the Rock Climber Assembly using the holes provided. Use One 5/16 x 2-1/2" Hex Bolt, one Lock Washer, one Flat Washer, and one Weld Nut to fasten each Access Ladder Bracket.

Note: The Access Ladder Bracket can be mounted to the inside or outside of the Angled Rails.



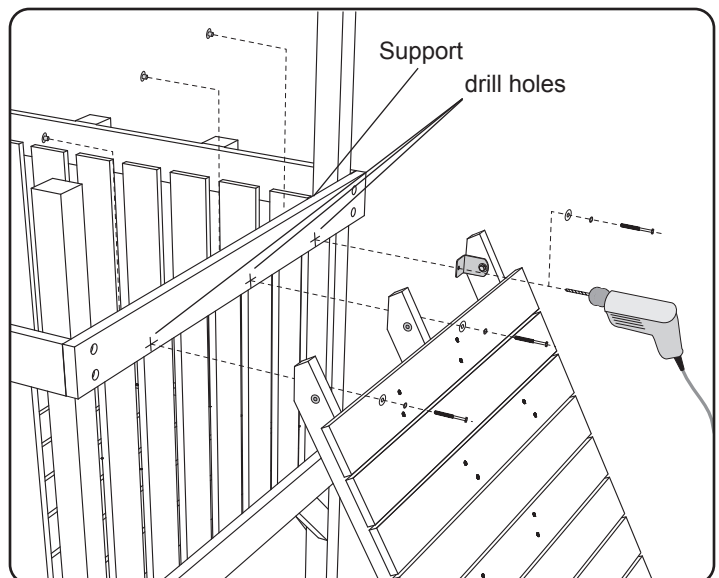
STEP 8 — Attach Rock Climber:

Lean the Rock Climber Assembly into place against the Support in the position desired. Position the Access Ladder Brackets with one surface flat against the surface of the Platform Support. Mark the position of the holes in the Brackets onto the Support.

If the Access Ladder Bracket is to be fastened to the Support only, drill a hole at the mark using a 3/8" diameter drill bit. Any Wall Slats that may interfere should be removed. Fasten each Access Ladder Bracket to the Support using one 5/16" x 1-1/2" Hex Bolt, one Lock Washer, one Flat Washer, and one Weld Nut.

If the Wall Support is backed by a Corner Post or any other solid structure, drill a 1/4" diameter hole 2" deep. Fasten with a 5/16 x 2-1/2" Lag Screw and Flat Washer.

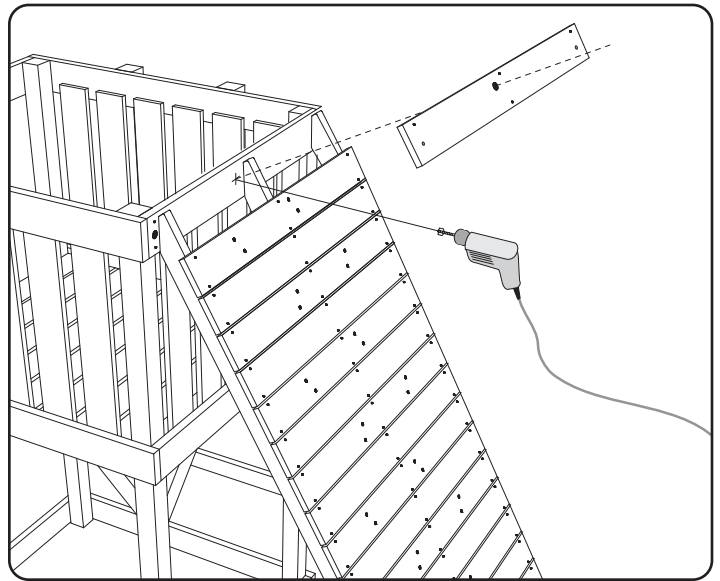
Note: When mounting to a Skybox, fasten the Brackets to the Platform Support.



ASSEMBLY INSTRUCTIONS

STEP 9 — Drill Rope Hole:

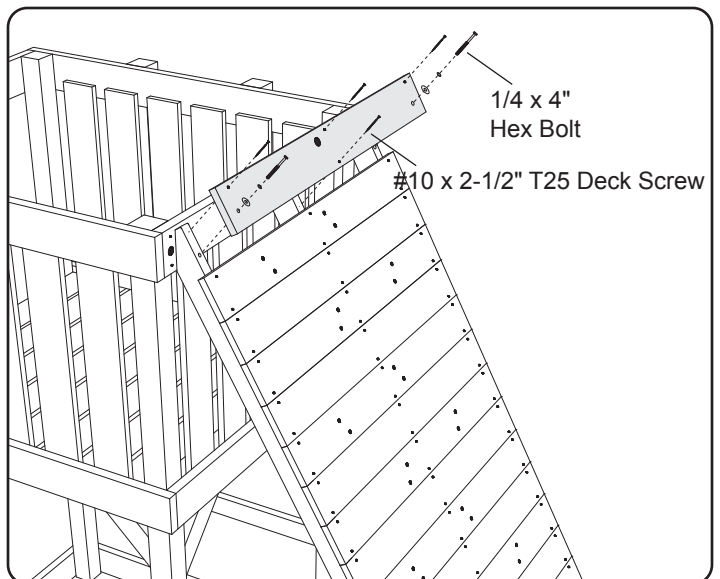
Set the top Rope board in place, at the top of the Rock Wall. Mark the Wall or Platform Support in line with the large hole in the Top Rope Board. Remove the top Rope Board. Drill a 1" hole through the Support.



STEP 10 — Fasten Top Rope Board:

Use two 1/4 x 4" Hex Bolts, two 1/4" Lock Washers, two 8mm Flat Washers to fasten the Top Rope Board to the Angled Rails. Thread the Bolts through the Top Rope Board, the Angled Rails and into the Weld Nuts inserted in step 4.

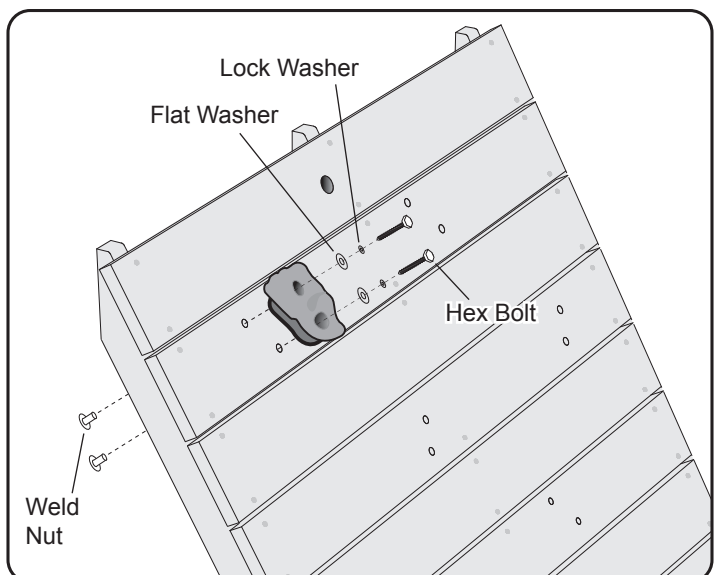
Finish securing the Top Rope Board using four #10 x 2-1/2" T25 Deck Screws. **Drill a 1/8" diameter pilot hole for each screw.**



STEP 11 — Fasten Climbing Rocks:

Fasten a Climbing Rock (K) to each pair of holes in the Rock Boards. Use 1/4 x 1-1/2" Hex Bolts, 1/4" Lock Washers, 8mm Flat Washers and 1/4" Weld Nuts. Do not over-tighten the fasteners. The bolt must sit completely into the Climbing Rock, and not protrude more than a 1/8" past the end of the Weld Nut.

Replace any protruding bolts as they can be a hazard to users.



ASSEMBLY INSTRUCTIONS

STEP 12 — Fasten Climbing Rope:

The Climbing Rope Assembly comes pre-knotted on approximately 12" centers. This is done to prevent the rope from separating and provide a better grip. **DO NOT MODIFY THE DESIGN OF THIS ROPE. IF THE ROPE IS REPLACED, IT IS EXTREMELY IMPORTANT THAT YOU MAINTAIN THE SAME DESIGN AND CONSTRUCTION.**

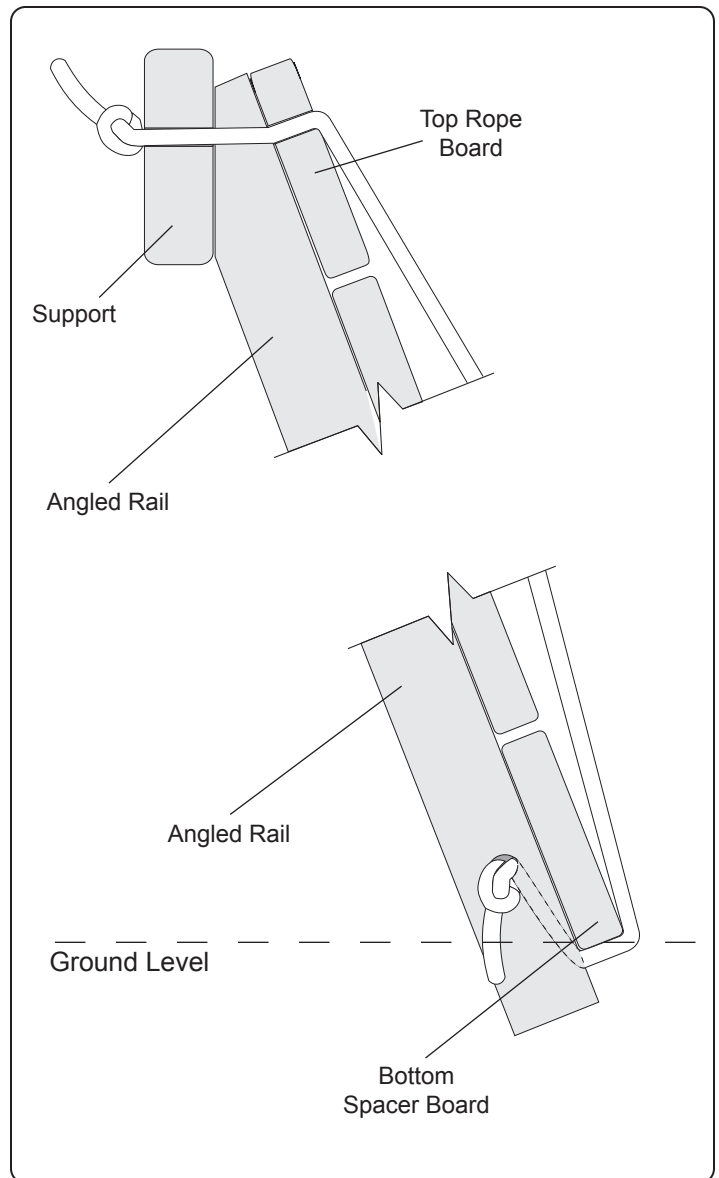
The top end of the Rope **MUST** be installed through the hole provided in the Top Rope Board (E) and the hole that was drilled in Step 9. Pull the Rope through the holes and tie a knot in the end as shown in the illustration.

Pre-stretch the rope before tying the bottom end. The bottom end of the Rope **MUST** be installed under the bottom spacer board and through the hole in the Center Rail. Pull the Rope through the hole until it is tight and tie a knot in the end as shown in the illustration.

Check the rope periodically to ensure that it has not loosened. Tighten the rope when necessary.

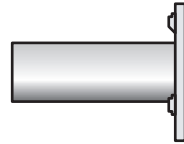
WARNING: AT NO TIME SHOULD THE BOTTOM END OF THE ROPE BE UNTIED OR LOOSE ENOUGH TO FORM A LOOP. THIS WOULD PRESENT AN EXTREME DANGER TO YOUR CHILDREN.

Important: Set the base of the Rock Climber into the ground to the level of the bottom of the Rope

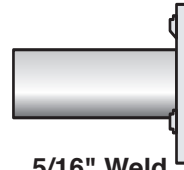


Hardware Used on Premium Pine Rock Wall

40	17001-104	Weld Nut 1/4"
7	17001-105	Weld Nut 5/16"
40	12002-203	Flat Washer 8mm
7	12002-206	Flat Washer 5/16"
36	17003-609	Hex Bolt 1/4 x 1-1/2"
2	17003-1609	Bolt Hex 1/4 x 4"
6	17003-611	Hex Bolt 5/16 x 1-1/2
1	17003-1211	Hex Bolt 5/16 x 3
38	12017-205	Lock Washer 1/4
7	12017-206	Lock Washer 5/16
3	17036-1002	Lag Screw 5/16 x 2-1/2"
3	14161-400	Access Ladder Bracket
112	17138-1025	T25 Deck Screw #10 x 2-1/2"
18	17020-109	Screw Phillips #8 x 2-1/2"



1/4" Weld Nut



5/16" Weld Nut



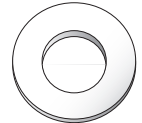
5/16" Flat Washer



1/4" Lock Washer



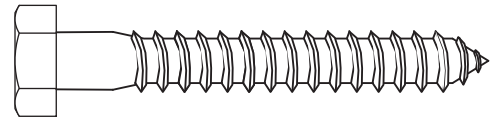
5/16" Lock Washer



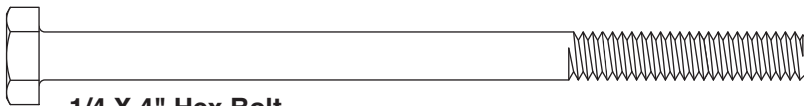
8mm Flat Washer



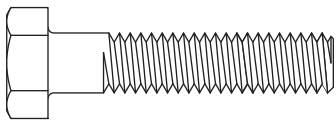
1/4 X 1-1/2" Hex Bolt



5/16 X 2-1/2" Hex Bolt



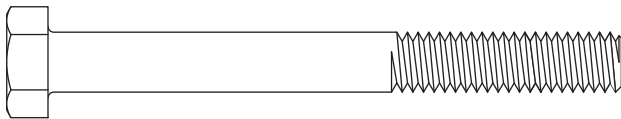
1/4 X 4" Hex Bolt



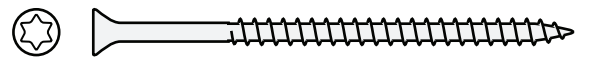
5/16 X 1-1/2" Hex Bolt



#8 X 2-1/2" Screw



5/16 X 3" Hex Bolt



T25 Deck Screw #10 x 2-1/2"

Note: We have packaged more hardware than is required for assembly. Quantities listed are actual quantities required for assembly.