

Cydonia Vinyl Playset



Assembly Manual

Cydonia Vinyl Playset Assembly Manual

Thank you for your purchase of this playset.

This manual is designed to simplify the assembly process, however we recommend having an experienced carpenter involved in the project. Please read through the entire manual before starting!

Take a deep breath and get at it; the satisfaction and enjoyment of this hideout is only a few minutes away. Have fun!

You have purchased a product that consists of bulky pieces. With your purchase, you assume full responsibility to have the necessary manpower available to assemble the product. We recommend at least two able-bodied men for this assembly. You also agree that any damage that happens to the product during the entire construction process is your responsibility, and neither the seller, nor the manufacturer, will be held liable for any such damage.

Tools Required for Job



One 4' Step
Ladder



25' Tape
Measure



9/16th Wrench



Cordless Drill
& 1/2" drill bit

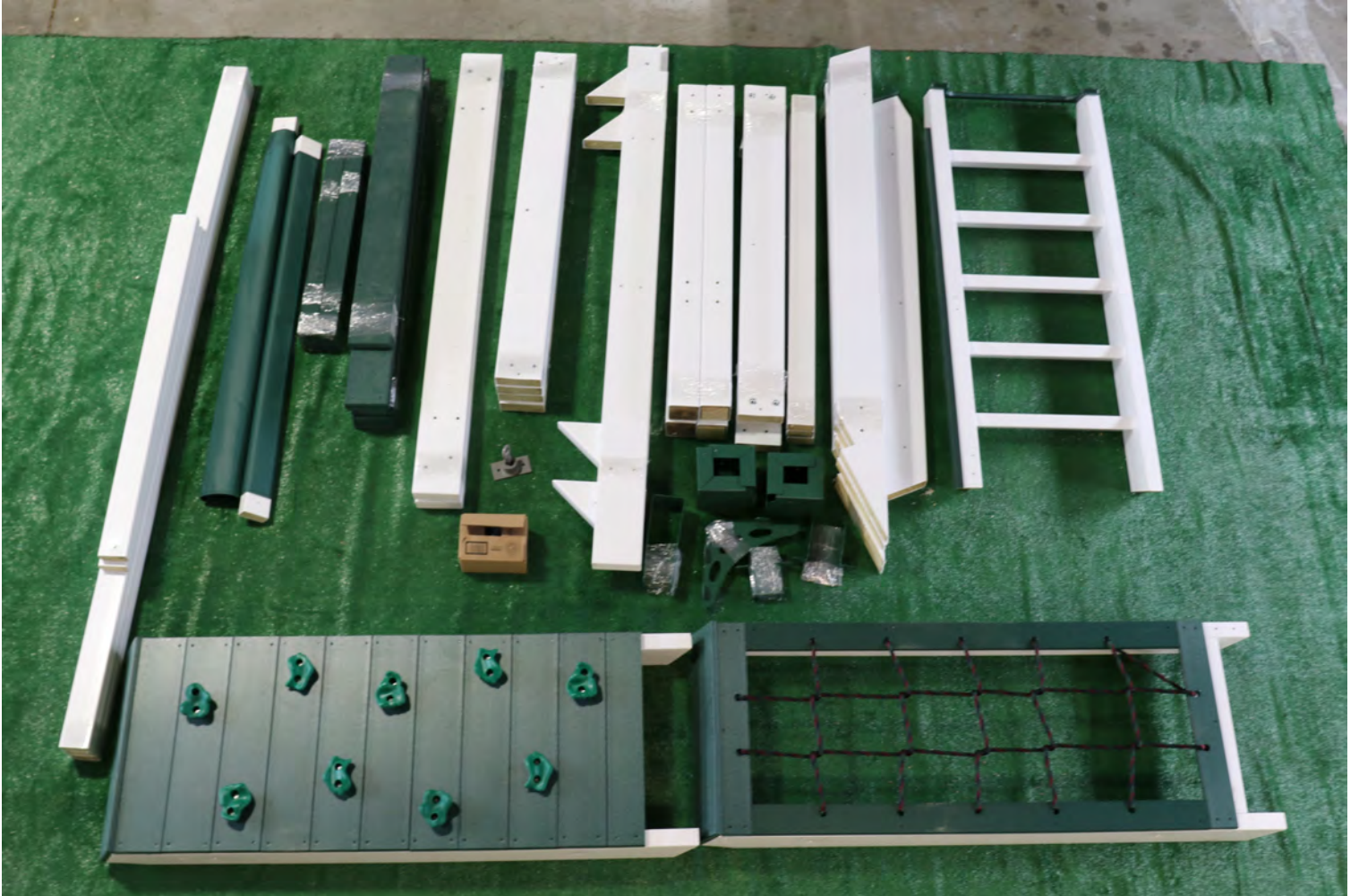


#2 Square
Drive Tip
(included)



T30 Star
Drive Tip
(included)

Parts List



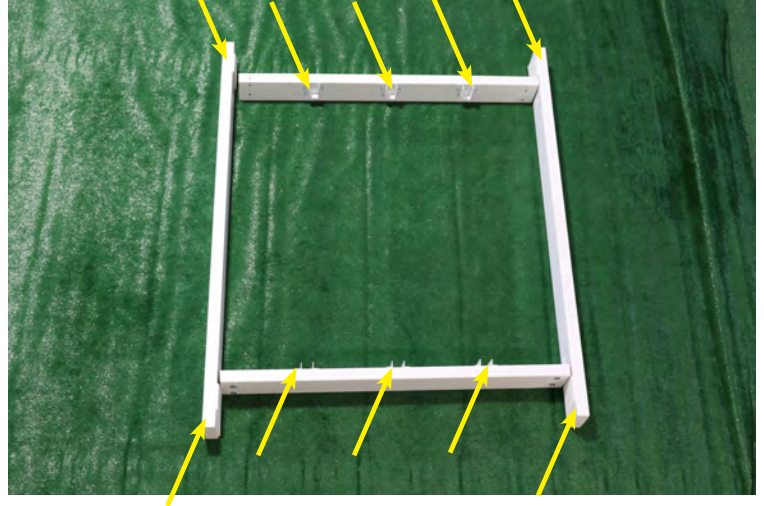
Cydonia Vinyl Playset Assembly Manual

Step 1:



Unpack and identify parts.

Step 2:



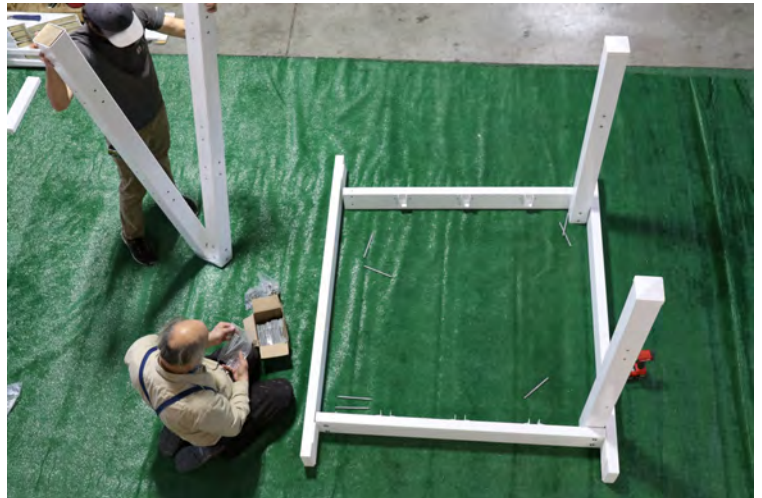
Identify and then place two 2x6x 73 1/2" and two 2x6x56" on a smooth, flat surface to begin. Make sure floor joist hangers are turned in. Also notice shims at four corners.

Step 3:



Thread 6 3/8" bolts into T-nuts on four corners.

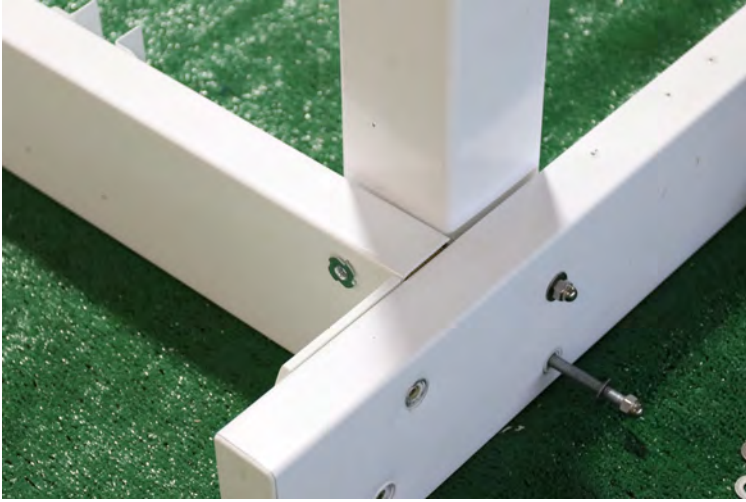
Step 4:



Fasten four 4x4x54". Pre-drilled hole configuration is very important on all 4x4's. Hand tighten acorn nuts at this point. Be sure to always place washer between vinyl and acorn nut.

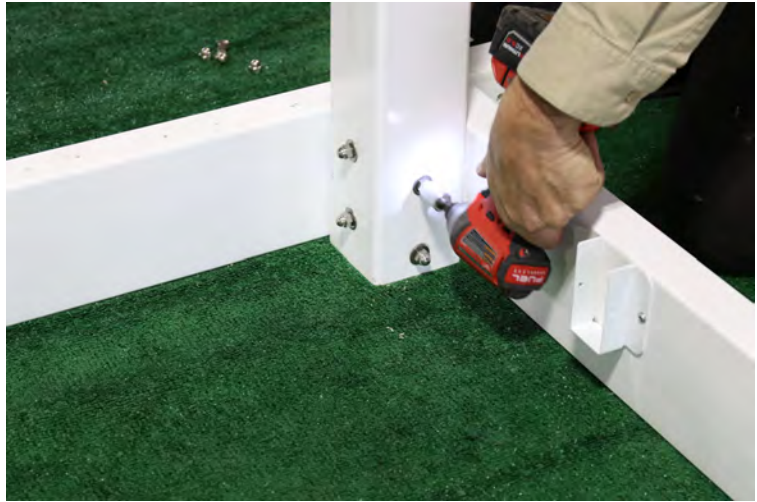
Cydonia Vinyl Playset Assembly Manual

Step 5:



Continue fastening 2x6's to 4x4's using 6 7/8" bolts.

Step 6:



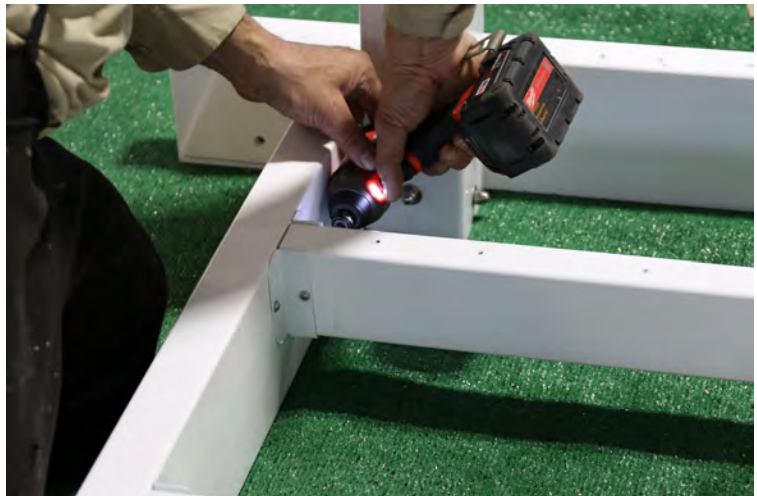
Tighten nuts at this point. Over-tightening acorn nuts can cause the head to pop off.

Step 7:



Install three floor joists.

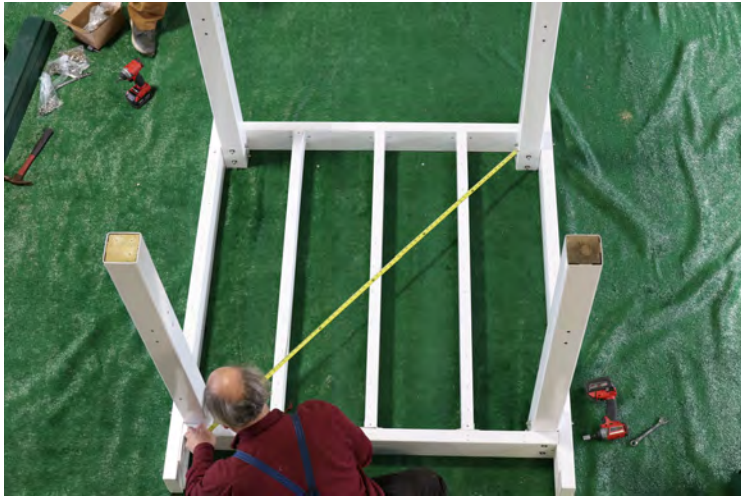
Step 8:



Fasten joists to hangers using 1 3/4" washer head screws.

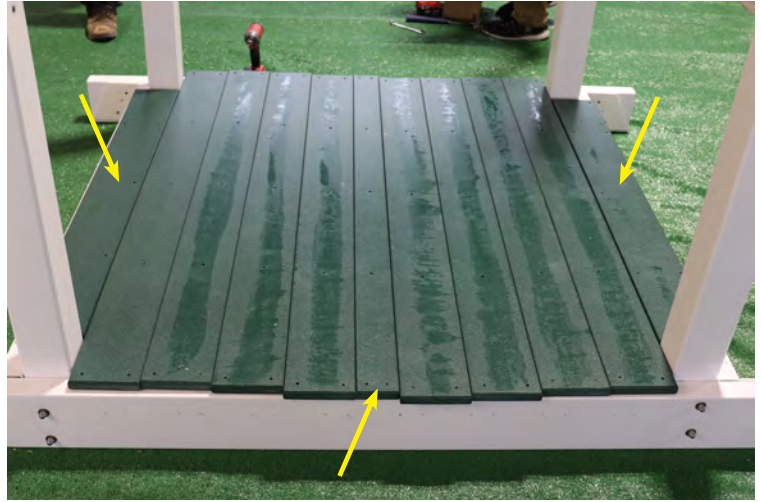
Cydonia Vinyl Playset Assembly Manual

Step 9:



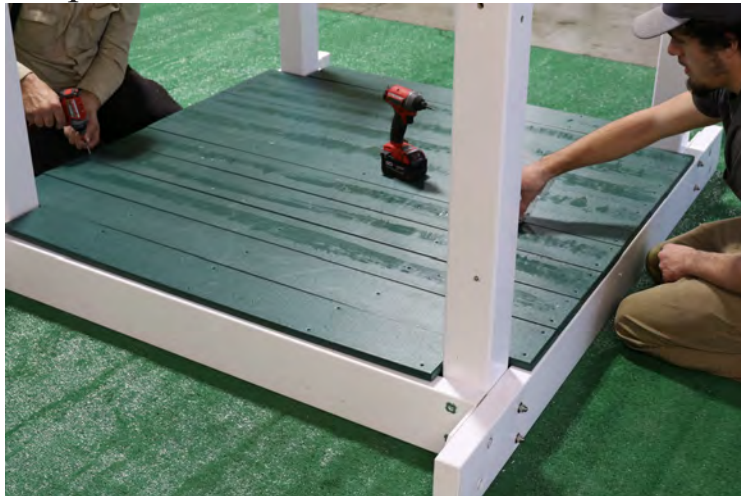
Measure to ensure the floor frame is square before continuing.

Step 10:



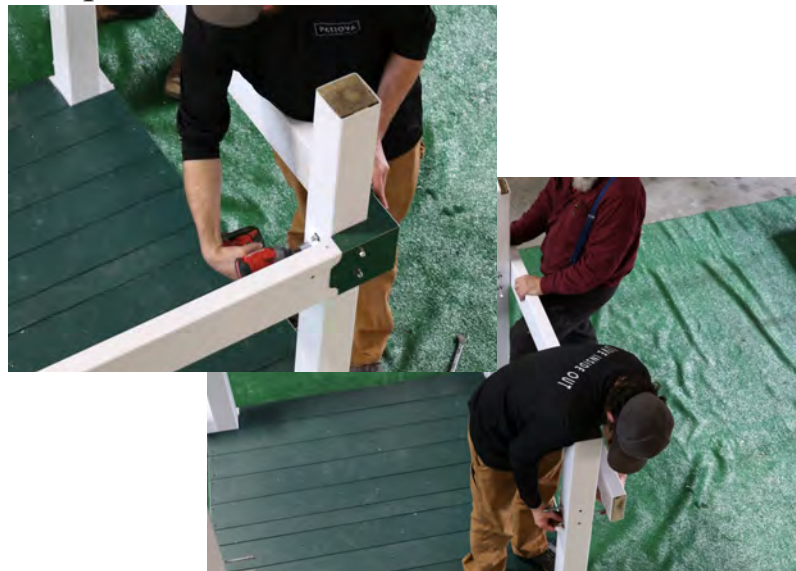
Lay out floor boards. Notice the two shorter ones between posts and narrow one in the center. Make sure the floor boards are flush with the 2x6.

Step 11:



Fasten using 1 1/2" screws.

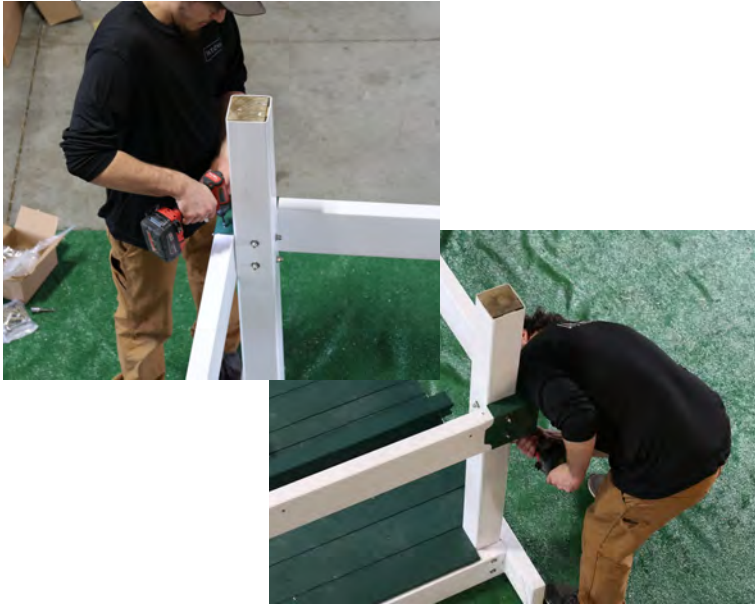
Step 12:



Using 6 7/8" bolts, being fastening 2x6's to tower 4x4. Thread acorn nut onto rod as far as you can, then back off several turns. Be sure to place washer between acorn and vinyl. Only tighten acorn nuts after brackets are on each corner.

Cydonia Vinyl Playset Assembly Manual

Step 13:



Fasten top and bottom flanges of corner bracket using 1 3/4" screws.

Step 14:



Fasten slats to tower using pattern provided to find proper spacing. Be sure you know where any components you may have purchased will be attached prior to fastening slats. Use 1 3/4" screws to fasten slats. Assembly instructions for the components can be found on pages 23-26.

Step 15:



Prepare to assemble legs by identifying two 2x6x 81 1/2" with long point on one end. Also, one 2x5x79 1/2" with braces attached.

Step 16:



Fasten 2x6x81 1/2"(with long point) using 3 1/2" stainless steel lag screws. Be sure this is flush. Repeat on opposite side.

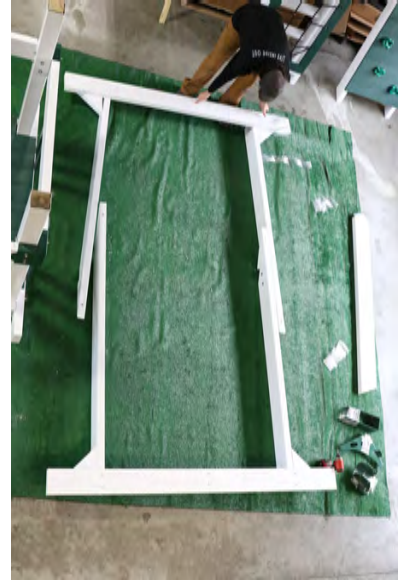
Cydonia Vinyl Playset Assembly Manual

Step 17:



Fasten brace to 2x6x81 1/2" using 3 1/2" stainless steel lag screw.

Step 18:



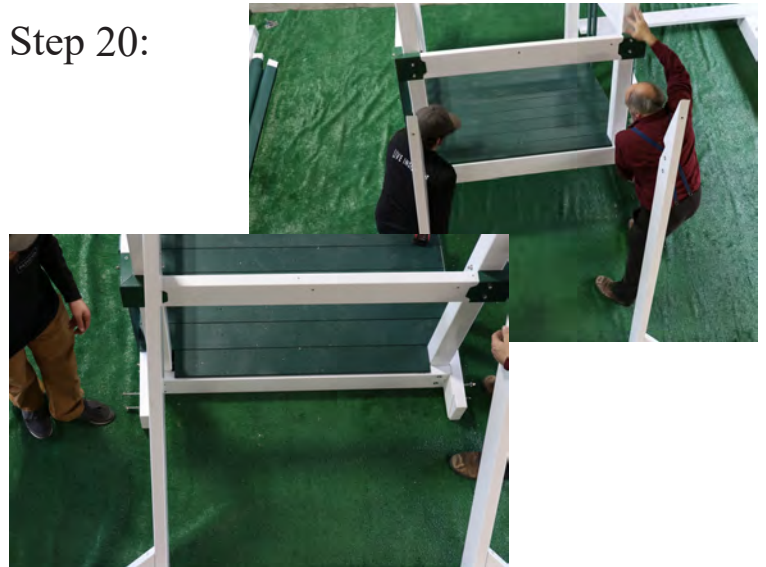
Repeat steps 15-17 for second leg.

Step 19:



Prepare to fasten leg to tower.

Step 20:



Start four 4 3/8" bolts in holes before lifting platform into position.

Cydonia Vinyl Playset Assembly Manual

Step 21:



Leg assembly and tower assembly should join together like this. 4 3/8" bolts that were started in previous step can be fastened into the t-nuts. Also on opposite side.

Step 22:



Fasten long point to 4x4 using 4" lag. You may need to drill a 1/4" or 5/16" pilot hole in the 4x4.

Step 23:



You are now ready to fasten second leg. Propping on a 5' step ladder works great.

Step 24:



Repeat steps 19-24 to fasten second leg.

Cydonia Vinyl Playset Assembly Manual



You are now ready to install the cargo net, rock wall, and step ladder panels.

These are interchangeable at all locations on the "legs."

Decide where you want these positioned prior to fastening. Typically there is one "empty" space where the slide goes.



Cydonia Vinyl Playset Assembly Manual

Step 25:



These components should now be fastened in place using 3 1/2" stainless steel lag screws. A lag should be put in at this location on both the rockwall and cargo net.

Step 26:



Fasten about halfway up the "leg" as well.

Step 27:



Fasten a 3 1/2" stainless steel lag screw at these locations as well.

Step 28:



Fasten two lags at this location on the outside as well.

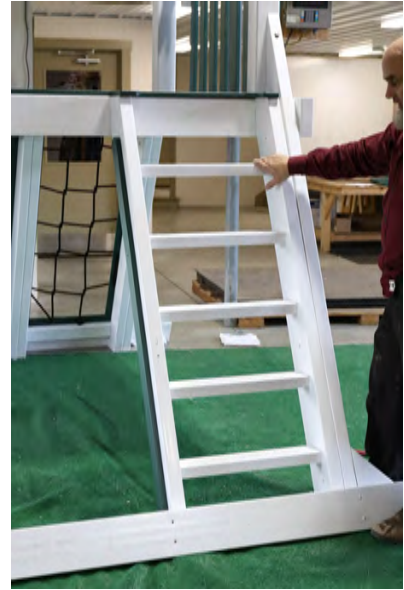
Cydonia Vinyl Playset Assembly Manual

Step 29:



Short pieces of decking should be fastened after installing the rockwall and cargo net.

Step 30:



Install the step ladder.

Step 31:



Install 2x6 on "leg" at the slide location. This is to provide reinforcement to the structure. Three lags should be used to fasten this.

Step 32:

The next step is to install the roof. Assembly instructions for the pyramid roof can be found on page 13.

Pyramid Roof Assembly Instructions

Step 1:



Fasten flat roof bracket to top of post using three 3" screws. Repeat on four posts always with tab towards the center of the tower.

Step 2:



Space roof equally at all four corners.

Step 3:



Pre-drill 5/16" hole, then fasten using 3/4" bolt, two washers, and lock nut at four corners.

Step 4:



Your completed plastic roof should look like this.

Cydonia Vinyl Playset Assembly Manual

Step 41:



You are now ready to install the tire swing.
Attach tire swing swivel under the deck
using 3" lags.
Then attach the tire swing to the swivel.

Step 42:



Attach slide using 1 3/4" washer-head screws.

Step 43:



Attach step ladder handle to the right of the step ladder
using four 1 1/2" wafer-head lags.
Attach at top and bottom.

The next step is to install the swing frame(s).
Instructions for the swing frame can be found on
pages 15-19.
Instructions for the climbing set can be found on
pages 20-22.

Swing Frame Assembly

Step 1:



You are now ready to assemble the swing frame. Begin by identifying the swing beam. The end of the beam without caps gets fastened to the tower.

Step 2:



Fasten swing bearings to swing beam using lags provided in bearing packs.

Step 3:



If you purchased a plastic glider, your next step is to install the glider bracket. This bracket needs to be fastened to the opposite side of the swing beam as the swing bearings. It can be placed at any swing position.

Step 4:



Pre-drill four 1/2" holes, then fasten using four lag screws provided.

Swing Beam Assembly

Step 5:



Finish fastening using the 1 3/4" washer head screws provided.

Step 6:



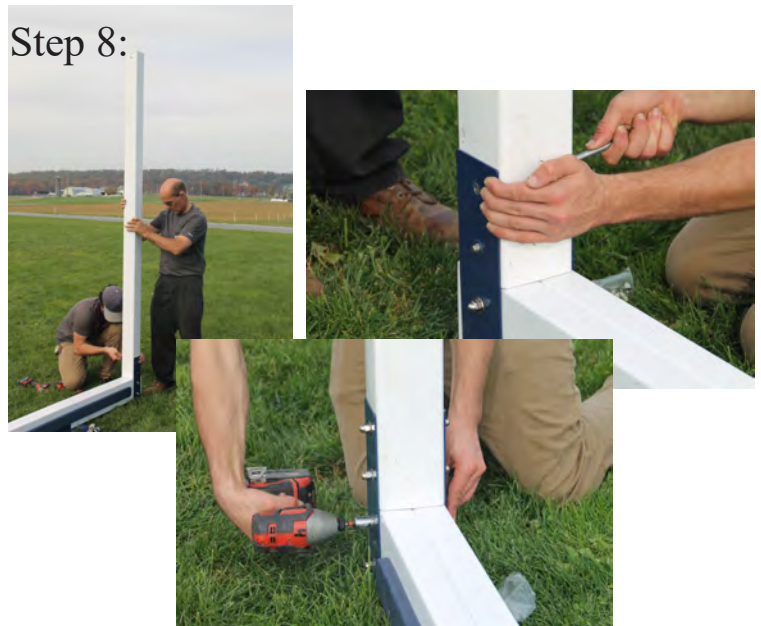
Rotate the swing beam 180 degrees so that the swing bearings are turned up. Fasten the swing beam receiver bracket to the swing beam using two 4 7/8" bolts provided. This bracket needs to be fastened to the end of the swing beam without the caps. Thread acorn nut onto bolt as far as you can, then back off several turns. Use washers between the acorn nut and the metal bracket. Tighten nuts.

Step 7:



With swing beam in same position, attach beam strap to swing beam using two 4 7/8" bolts provided. Only finger tighten at this point. Note that this end of the beam should have caps on it. This bracket is fastened 36" from the end of the 14' beam. Use pre-drilled holes.

Step 8:



Identify end post and place between beam strap. Fasten using two 4 7/8" bolts provided. You are now ready to tighten all four bolts on beam strap. If your setup location is level, the end post will need to be shortened approximately 1' (cut off bottom end).

Swing Beam Assembly

Step 9:



Fasten corner brace to swing beam and end post. Be sure end post is plumb. Attach using six 1 3/4" washer head screws.

Step 10:



Lift swing beam into position. One person should be up in the tower. The other person should continue to hold the end post steady.

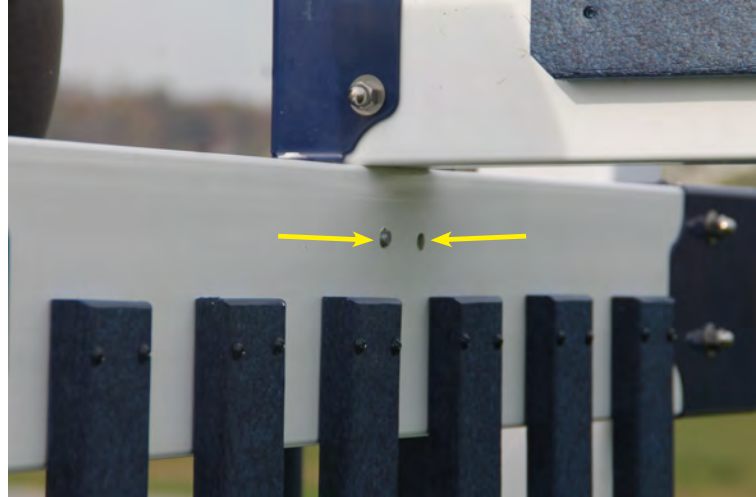
Note: your set may not appear exactly as pictured

Step 11:



Push bracket against 2x6 vinyl then fasten first with two lags provided.

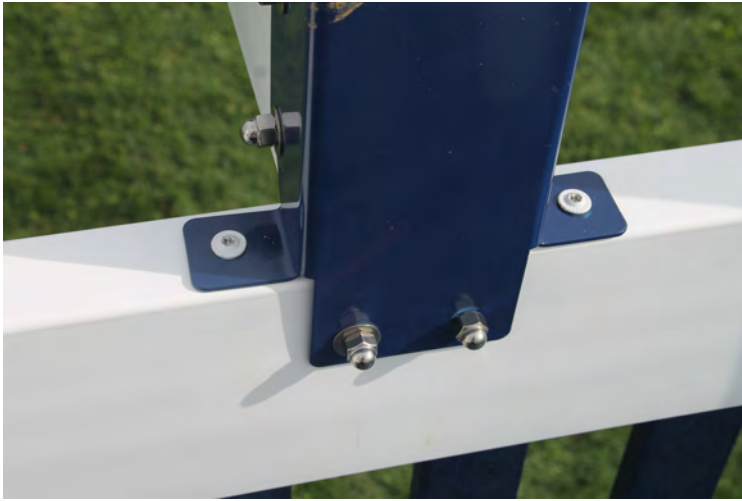
Step 12:



Next predrill 7/16" holes and fasten with two 2 3/4" bolts provided, using acorn nuts and washers.

Swing Beam Assembly

Step 13:



Swing beam receiver properly fastened.

Step 14:



Identify ground runner and fasten to end post using 6 1/2" bolts. Thread acorn nut onto rod as far as you can, then back off several turns. Be sure to place washer between acorn nut and vinyl.

Step 15:



Identify end post braces. Fasten the short angle to the ground runner that was installed on previous step. Use 4 /18" bolts provided.

Step 16:



Align brace with end post then fasten long angle to end post using 3/8" x 4" lags provided. This should be pre-drilled using 1/4" drill bit.

Swing Beam Assembly

Step 17:



Your completed swing frame should appear like this.

The next step is to install the climbing set. Instructions for the climbing set assembly can be found on pages 20-22.

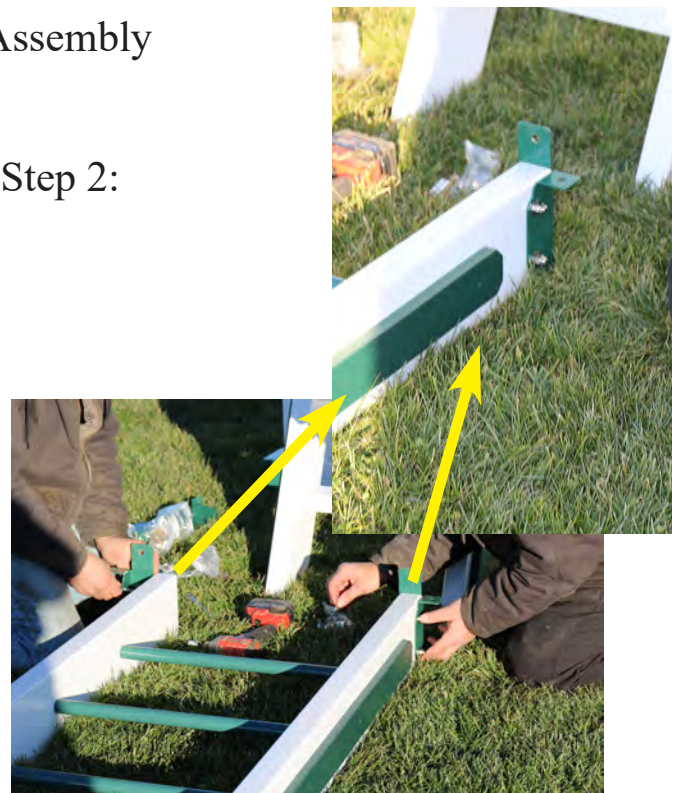
Climbing Set Assembly

Step 1:



You are now ready to assemble climbing beam. To begin, identify the main components; one top ladder, one ground runner 2x4, and two brace 2x4's, and one end ladder.

Step 2:



One one end, fasten two brackets as shown, using four 2 5/8" bolts (this is an upside down position).

Step 3:



On opposite end, fasten end ladder to top ladder using four 4 1/8" bolts. Tighten using a 9/16" deep socket and a 9 1/6" open end wrench. Keep in mind that over-tightening can damage the acorn nut.

Step 4:



Flip ladder into upright position and place at desired location on playset.

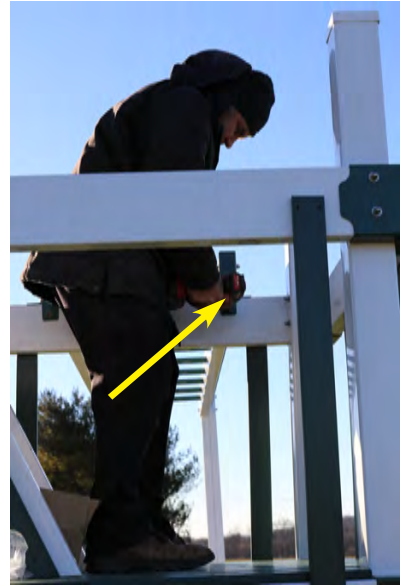
Climbing Set Assembly

Step 5:



Fasten flange on bracket to 2x6 using two 3" lags. Be sure inside flange is tight against inside of 2x6.

Step 6:



Pre-drill 7/16" hole through hole on inside flange and through 2x6.

Step 7:



Finish fastening top ladder to tower using two 2 5/8" bolts. Tighten immediately.

Step 8:



Fasten ground runner 2x4 to end ladder using two 6 1/8" bolts. Tighten immediately.

Climbing Set Assembly

Step 9:



Fasten short angle of brace 2x4 to ground runner using two 4 1/8" bolts. Tighten immediately.

Step 10:



Fasten long angle to end ladder using 4" lag. Pre-drilling is recommended.
Your climbing ladder assembly is now complete.

The next step is to install any other components you might have purchased.
Assembly instructions for the components are found on pages 23-26.

Component Assembly Instructions

Tic-tac-toe panel:

Ugr "1:



With your tic-tac-toe panel, you will receive a 2x6x18 1/2". Fasten one end of the tic-tac-toe to 2x6, centered, using four 1 3/4" washer head screws.

Ugr "2:



Fasten opposite end to tower at any desired location, using four 1 3/4" washer head screws.

Ugr "3:



Fasten 2x6x18 1/2" to poly slats on railing using four 1 3/4" washer head screws.

Ugr "4:



Completed install should look similar to this.

Component Assembly Instructions

Framing for peek-a-boo panel, tornado tube, tunnel express, and sidewinder slides:

Ugr "1:



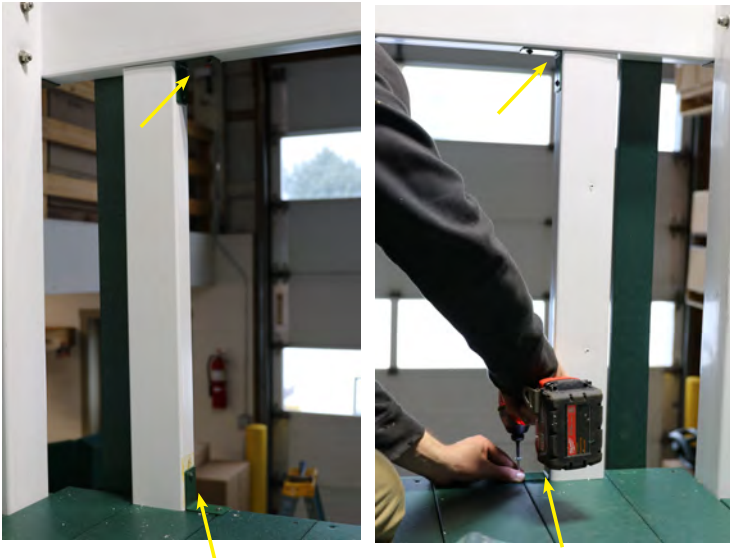
Fasten small angle brackets to 2x4x26" using 1 3/4" washer head screws.

Ugr "2:



There should be two like this one pictured when you have completed this step.

Ugr "3:



Fasten with 1 3/4" screws at desired location according to the components you purchased with your set. Fasten one on opposite side as well to create a frame. Spacing between 2x4's should be 29 1/2".

Ugr "4:



Fasten flange to frame using 1 3/4" washer screws for peek-a-boo panel.

Component Assembly Instructions

Tornado tube, Tunnel Express, and Sidewinder slide Assembly:

Step 1:



To fasten the slide to the tower, first fasten L brackets to outside of two 2x4x26" using 1 3/4" screws provided.

Step 2:



Then place 2x4's at desired location on tower and fasten using 1 3/4" screws. Space between vertical 2x4's should be 29 1/2".

Step 3:



Assemble slide and fasten slide to tower using hardware and instructions provided with slide.

Component Assembly Instructions

Super Spiral Slide Assembly:

Uvgr "1:



After assembling slide according to instructions given in the box the slide came in, lift slide into place where you have already framed for the slide to be. This will take two able-bodied men.

Uvgr "2:



One person hold slide steady while other person goes up into the tower to fasten slide.

Uvgr "3:



Fasten the slide to the upper deck using the lags provided in the hardware pack that comes with the slide.

Uvgr "4:



Fasten top of slide to top 2x6 of upper deck as well.