

# ChildLife Inc.

Escalade Sports®  
P.O. Box 889  
Evansville, IN 47706

## Assembly Instructions

**See Manual 1 of your play system for safety & maintenance information**

Toll Free (800) GO-SWING or (800) 467-9464  
Fax (866) 873-3537  
E-mail [childlifecs@escaladesports.com](mailto:childlifecs@escaladesports.com)  
Home Page [childlife.com](http://childlife.com)

**NOTE TO INSTALLER:** After you have assembled and installed this product, please give the customer the tools provided and this Manual.

## ATTACHING WAVY BRIDGE AND LINKING WAVY BRIDGE



**PLEASE NOTE:** The Wavy Bridge can be installed only on a **Fireman's Gym, Firechief, Superchief, and Jungle Tower.**

This product is intended for use by children ages 5 through 12 years, under responsible adult supervision at all times.

***Congratulations and thank you for purchasing fine ChildLife® brand play equipment!***

- 1 ChildLife's products are for residential use only. They are not intended for use in places of public assembly such as schools, parks, condominiums, churches and temples, and child care centers.
- 2 Please read this instruction manual completely before starting assembly.
- 3 **Do not** allow any use of the equipment until it has been assembled, installed, inspected, and tested in accordance with these instructions. **Serious injury could result.**
- 4 Please keep a copy of your order and our catalog with this Manual for future reference in ordering replacement parts.

**PLEASE NOTE:** This product is an add-on to your ChildLife® play system. These assembly instructions are to be used in conjunction with **Manual 1** (Assembly Instructions, Maintenance Instructions, and Safety Information) of the play system you have purchased.

Please be sure you read and understand our recommendations for safe installation sites and safety during installation, as well as the US Consumer Products Safety Commission's recommendations concerning the depth of various resilient surfacing materials. If you do not have **Manual 1** of the play system you have purchased, which contains this important information, contact ChildLife or your point of purchase for a **free** replacement copy.

Refer to **Manual 1** of the play system you have purchased for very important information you need to know:

## **CHOOSE A SAFE INSTALLATION SITE**

### **INSTALLATION TIPS information about:**

- A) SAFETY DURING INSTALLATION
- B) TOOLS REQUIRED
- C) HARDWARE
- D) SAFETY NUTS

## **MAINTENANCE INSTRUCTIONS**

## **INSTRUCTIONS FOR SAFE USE**

## **DISPOSAL INSTRUCTIONS**

## Step 1. IMPORTANT INFORMATION

This product is for residential use only. It is not intended for use in places of public assembly such as schools, churches, temples, child-care centers, or parks. Use in public spaces may be unsafe; it will also void our warranty.

---

## Step 2. PREPARE FOR THE INSTALLATION

Read these instructions and all related guidelines and suggestions thoroughly before you begin. This will help ensure an easy and safe installation.

Save this Instruction Manual in the event you need to contact ChildLife Inc.

Before continuing, please note that the tower(s) to which you will fasten the Wavy Bridge must be completely assembled and installed in accordance with their instruction manuals.

### TOOLS REQUIRED

- Pencil
- Tape Measure
- Electric drill with 1/4" drill bit
- Heavy hammer

---

## Step 3. INVENTORY THE BOXES

The Linking Wavy Bridge is shipped in two boxes marked #60 and #61. If you have purchased an Attaching Wavy Bridge, you will also need Box #62. These Assembly Instructions are packed in Box #60.

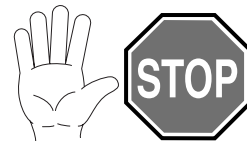
## Step 4. SELECT THE UPRIGHTS TO WHICH YOU WILL FASTEN THE WAVY BRIDGE

**NOTE:** The Wavy Bridge must be attached to selected openings on the **side** (not end) of ChildLife Jungle Towers, Fireman's Gyms, Firechiefs, and Superchiefs. Refer to **Manual 1** of your play system(s) to determine which model(s) you have.

Wavy Bridges may not attach or link to ChildLife Single Tower play systems.

Using the information in this step, select the Uprights on your play system to which you will fasten the Wavy Bridge. It is important to select Uprights that will allow for the correct, safe installation of the Wavy Bridge.

You will be drilling three pilot holes in each of the Uprights you select. For an Attaching Wavy Bridge, you will drill a total of six pilot holes in two Uprights, and for a Linking Wavy Bridge you will drill a total of twelve pilot holes in four Uprights.

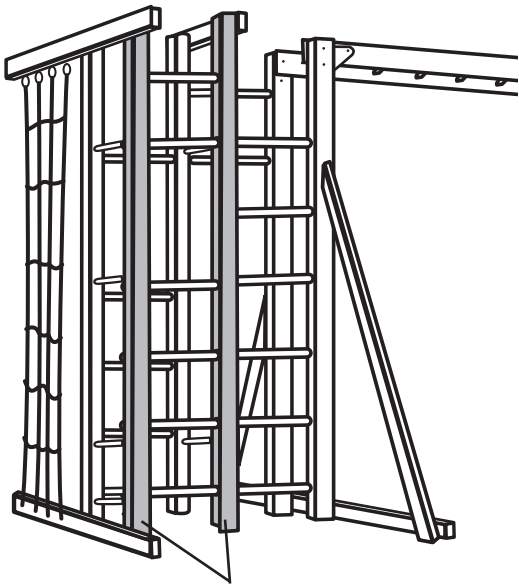


If you are installing a Wavy Bridge on a **Jungle Tower or the Jungle Tower end of a Superchief, go to Paragraph A.**

If you are installing a Wavy Bridge on a **Fireman's Gym without Diagonal Braces and without a Firechief's Treehouse, go to Paragraph B.**

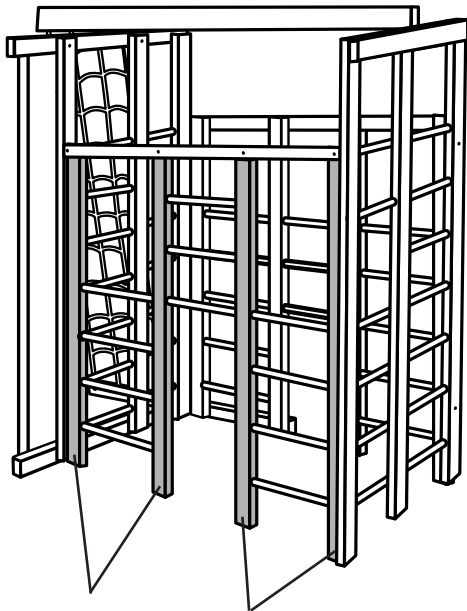
If you are installing a Wavy Bridge on a **Firechief, a Fireman's Gym with Diagonal Braces and a Firechief's Treehouse, or the Fireman's Gym end of a Superchief, go to Paragraph C.**

### **ILLUSTRATION 1**



Select this pair of Uprights.

### **ILLUSTRATION 2**



Select either pair of Uprights or either pair on the opposite side.

**A) See Illustration 1.** Find the two Side Uprights furthest from the swings and on the same side as the Firepole. For use by children ages 5 and younger, remove the Firepole, since it is attached very close to the Wavy Bridge.

If you wish to install the Wavy Bridge on the side of the Jungle Tower where the Yellow Climbing Net is currently installed, use the instructions in your Jungle Tower **Manual 1** to remove and reverse the positions of the Crossarms holding the Climbing Net and Firepole. Once the Firepole is on the side where you want the Wavy Bridge, you may proceed.

The Wavy Bridge may **not** be attached to the **end** of the Jungle Tower.

If you are installing a **Linking Wavy Bridge**, refer also to Paragraphs B or C, as necessary.

**Now skip to Step 5.**

**B) See Illustration 2.** There are four pairs of 6' long uprights on your Fireman's Gym: two pairs on one side and two pairs on the opposite side. Select a pair of Uprights to which you will attach your Wavy Bridge, based on the following conditions:

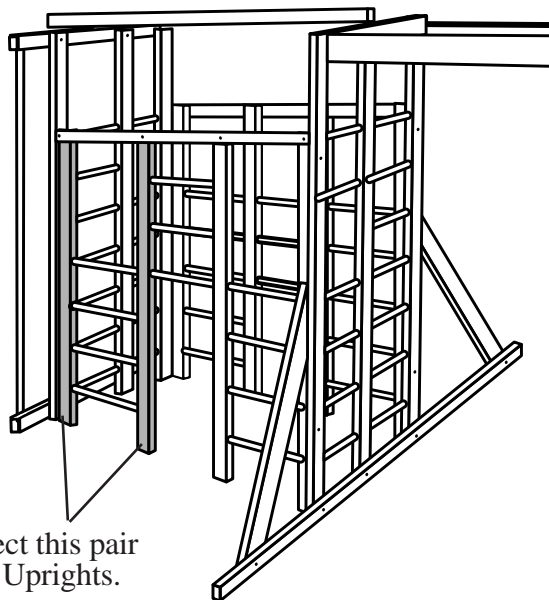
1. If you anticipate adding swings to your Fireman's Gym at a later date, select either pair of Uprights that are furthest from where you will add the swings.
2. Do not select a pair of Uprights that are on the same side as a Climbing Ramp and/or a Slide.
3. If you have children ages 5 and younger and select the pair next to the Firepole, remove the Firepole, since it is attached very closely to the Wavy Bridge.

The Wavy Bridge may **not** be attached to the **end** of the Fireman's Gym.

If you are installing a **Linking Wavy Bridge**, refer also to Paragraphs A or C, as necessary.

**Now skip to Step 5.**

### **ILLUSTRATION 3**



Select this pair of Uprights.

C) See **Illustration 3**. There are two pairs of 6' long Side Uprights on the side of every Fireman's Gym. You must select the pair of Uprights that is furthest from the swings and on the same side as the Firepole.

For use by children ages 5 and younger, remove the Firepole, since it is attached very close to the Wavy Bridge.

The Wavy Bridge may **not** be attached to the **end** of the play system.

If you are installing a **Linking Wavy Bridge**, refer also to Paragraphs A or B, as necessary.

**Now go to Step 5.**

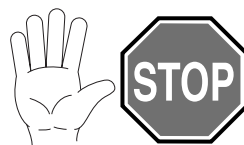
---

### **Step 5. DRILL PILOT HOLES IN SELECTED UPRIGHTS**

Using the tape measure and pencil, mark all selected Tower Uprights for drilling. Mark three holes in the **center of the narrow inside edge** of the Uprights as follows:

1. 26- $\frac{1}{2}$ " up from the bottom of each Upright,
2. 29- $\frac{1}{2}$ " up from the bottom of each Upright, and
3. 47- $\frac{3}{8}$ " up from the bottom of each Upright.

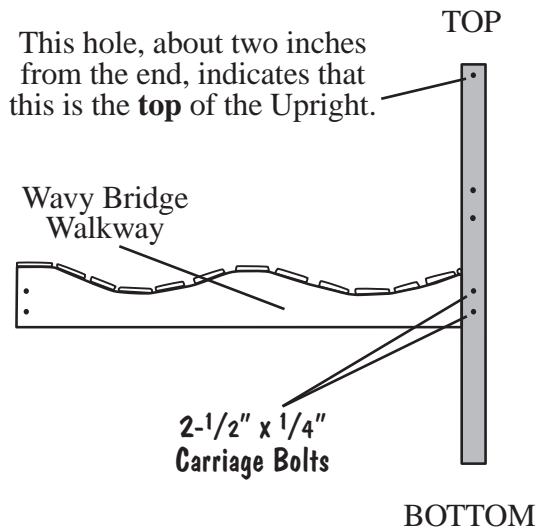
Drill a 2" deep pilot hole into the Uprights at each marked location with a  $\frac{1}{4}$ " drill bit. It is important that the holes be straight. Hold your drill at a right angle to the Upright when drilling. **Drill the hole only 2" deep.**



If you are installing an **Attaching Wavy Bridge**, go to **Step 6**.

If you are installing a **Linking Wavy Bridge**, skip to **Step 12**.

#### **ILLUSTRATION 4**



#### **Step 6. FASTEN TWO BRIDGE UPRIGHTS TO THE WALKWAY (SEE ILLUSTRATION 4)**



##### **HARDWARE REQUIRED FOR THIS STEP**

- Four 2-1/4" x 1/4" Carriage Bolts (in Box #62)
- Four 1/4" Safety Nuts (in Box #62)

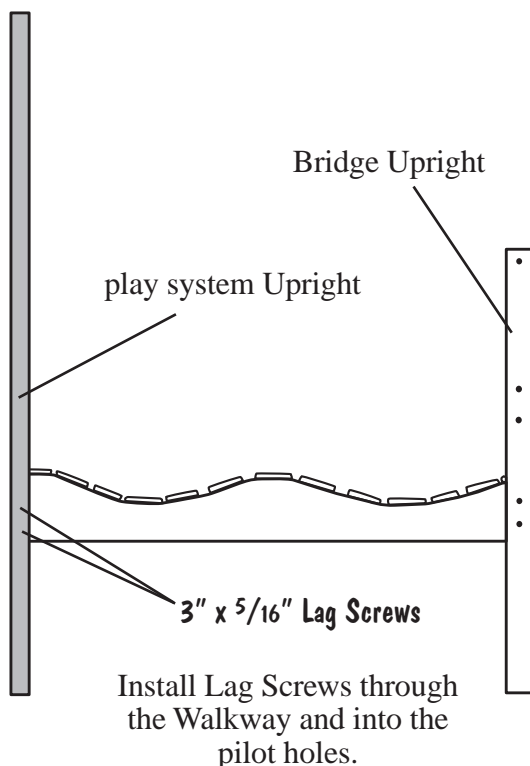
Lay the Wavy Bridge Walkway on its side. Position one of the two Bridge Uprights on the side of the Walkway. Line up the two holes in the Upright with the two holes in the side of the Walkway. Refer to **Illustration 4** to determine which end of the Bridge Upright is the top. Do not put the Bridge Upright on upside down.

Fasten the first Bridge Upright to the side of the Walkway with two 2-1/4" x 1/4" Carriage Bolts and 1/4" Safety Nuts. The bolts travel first through the Bridge Upright and then into the Walkway. The safety nut will rest in the countersunk hole in the Walkway.

**Repeat** this paragraph to fasten the other Bridge Upright to the same end of the Walkway.

Now go to Step 7.

#### **ILLUSTRATION 5**



#### **Step 7. ATTACH WALKWAY TO SELECTED UPRIGHTS (SEE ILLUSTRATION 5)**



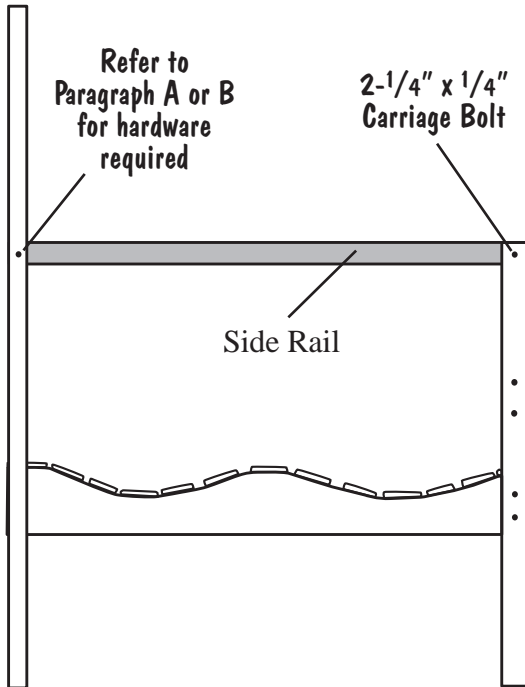
##### **HARDWARE REQUIRED FOR THIS STEP**

- Four 3" x 5/16" Lag Screws (in Box #60)
- Four 5/16" Flat Washers (in Box #60)

Stand the Bridge up and fasten the end of the Walkway that does **not** have the Bridge Uprights to the play system Uprights you selected in Step 4. Fasten the Bridge Walkway to the selected Uprights with four 3" x 5/16" Lag Screws and four 5/16" Flat Washers. Use the pilot holes that you drilled 26-1/2" and 29-1/2" up from the bottom of the Uprights. The lag screws travel first through the Walkway and then into the pilot holes in the Upright. Install hardware completely so the head of the lag screw does not protrude above the level of the countersunk hole.

Now go to Step 8.

## ILLUSTRATION 6



## Step 8. FASTEN THE TWO TOP SIDE RAILS (SEE ILLUSTRATION 6)



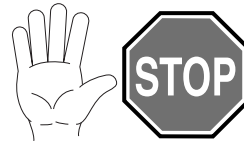
### HARDWARE REQUIRED FOR THIS STEP

- Two 2-1/4" x 1/4" Carriage Bolts (in Box #62)
- Two 1/4" Safety Nuts (in Box #62)

Locate the four identical Side Rails in Box #60.

Fasten one Side Rail to the top **inside** of one of the Bridge Uprights with one 2-1/4" x 1/4" Carriage Bolt and 1/4" Safety Nut. Position the Side Rail such that the countersunk hole is exposed. The bolt travels first through the Bridge Upright and then into the Side Rail. The safety nut will rest in the countersunk hole in the Side Rail. Repeat to fasten another Side Rail to the top of the other Bridge Upright.

Using the hardware specified in either Paragraph A or B below, fasten the other ends of these two Side Rails to the selected Uprights on the play system. Use the pre-drilled holes 66" up from the bottom of the play system Uprights.



If you are fastening to a **Jungle Tower**, go to **Paragraph A**.

If you are fastening to a **Fireman's Gym**, go to **Paragraph B**.



### HARDWARE REQUIRED FOR PARAGRAPH A

- Two 4-1/4" x 1/4" Carriage Bolts (in Box #60)
- Two 1/4" Safety Nuts (in Box #60)

**A)** Use two 4-1/4" x 1/4" Carriage Bolts and two 1/4" Safety Nuts. The bolts travel first through the play system Uprights and then into the Side Rails. The safety nuts will rest in the countersunk holes in the Side Rails. Fasten securely.

**Now skip to Step 9.**



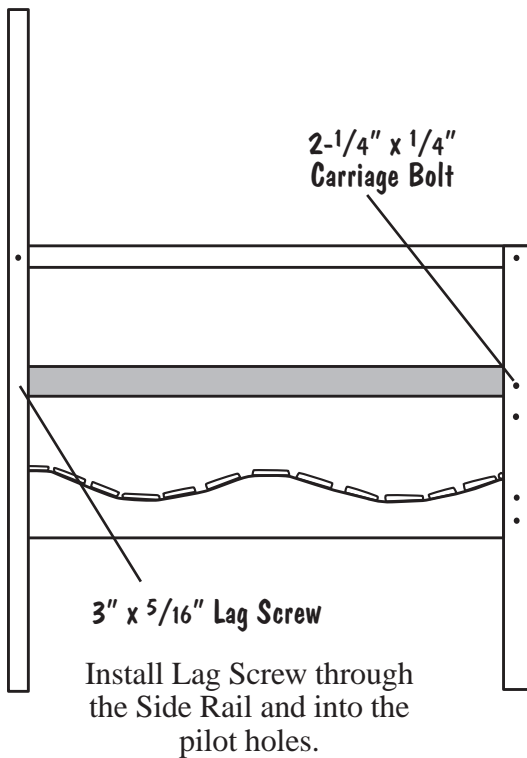
#### HARDWARE REQUIRED FOR PARAGRAPH B

- One 4-1/4" x 1/4" Carriage Bolt (in Box #60)
- One 5-1/2" x 1/4" Carriage Bolt (in Box #60)
- Two 1/4" Safety Nuts (in Box #60)

**B)** Use one 4-1/4" x 1/4" Carriage Bolt, one 5-1/2" x 1/4" Carriage Bolt, and two 1/4" Safety Nuts. At the corner of the Fireman's Gym, remove and discard the 4-1/2" Carriage Bolt that holds the corner of the gym ends and sides together at the point 66" up from the bottom of the Uprights. Replace it with the 5-1/2" x 1/4" Carriage Bolt specified here. The bolts travel first through the play system Uprights and then into the Side Rails. The safety nuts will rest in the countersunk holes in the Side Rails. Fasten securely.

**Now go to Step 9.**

**ILLUSTRATION 7**



#### Step 9. FASTEN THE TWO BOTTOM SIDE RAILS (SEE ILLUSTRATION 7)



#### HARDWARE REQUIRED FOR THIS STEP

- Two 2-1/4" x 1/4" Carriage Bolts (in Box #62)
- Two 1/4" Safety Nuts (in Box #62)
- Two 3" x 5/16" Lag Screws (in Box #60)
- Two 5/16" Flat Washers (in Box #60)

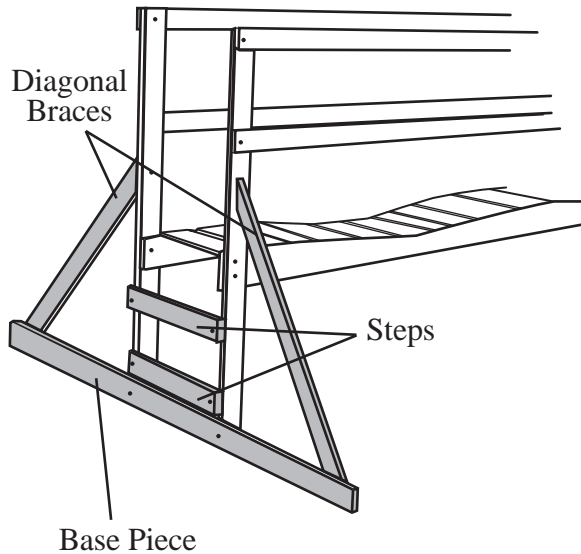
**A)** Fasten one Side Rail to the inside of one of the Bridge Uprights with one 2-1/4" x 1/4" Carriage Bolt and 1/4" Safety Nut at the pre-drilled hole 47-3/8" up from the bottom of the Upright. Position the Side Rail such that the countersunk hole is exposed. The bolt travels first through the Bridge Upright and then into the Side Rail. The safety nut will rest in the countersunk hole in the Side Rail.

**Repeat** this paragraph to fasten the last Side Rail to the other Bridge Upright.

**B)** Fasten the other ends of these Side Rails to the play system Uprights using two 3" x  $\frac{5}{16}$ " Lag Screws and  $\frac{5}{16}$ " Flat Washers. The lag screws travel first through the Side Rails and then into the Uprights. Install hardware completely so the head of the lag screw does not protrude above the level of the countersunk hole. Use the pilot holes you drilled 47-3/8" up from the bottom of the Uprights.

Now go to Step 10.

**ILLUSTRATION 8**



**Step 10. ATTACH THE BASE PIECE, DIAGONAL BRACES, AND STEPS (SEE ILLUSTRATIONS 8 & 9)**



**HARDWARE REQUIRED FOR THIS STEP**

- Two 2-1/2" x 1/4" Carriage Bolts (in Box #62)
- Two 3" x 1/4" Carriage Bolts (in Box #62)
- Six 4-1/2" x 1/4" Carriage Bolts (in Box #62)
- Ten 1/4" Safety Nuts (in Box #62)

Fasten the **Base Piece** to the bottom outside edge of the two Bridge Uprights with two 4-1/2" x 1/4" Carriage Bolts and 1/4" Safety Nuts. Use the holes 1-3/4" up from the bottom of the Uprights. Do not tighten the fasteners all the way, as a little "play" will help later in this step.

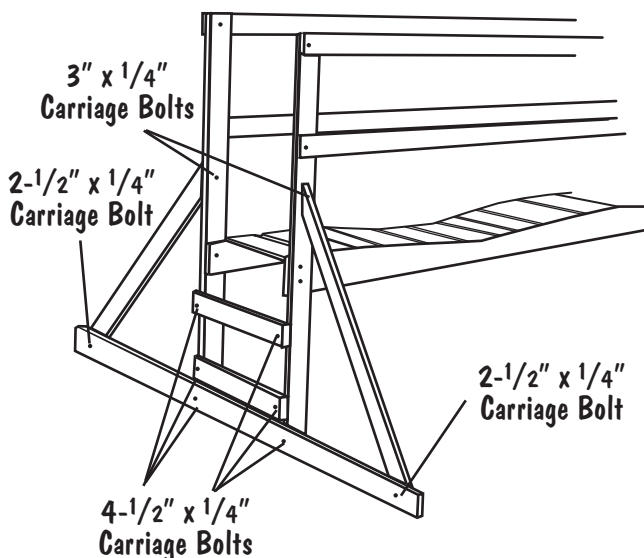
Fasten the top of the **Diagonal Braces** to the outside of the Bridge Uprights with two 3" x 1/4" Carriage Bolts and 1/4" Safety Nuts. The bolts go through the Diagonal Braces and then into the Bridge Uprights.

Fasten the bottom of the **Diagonal Braces** to the inside of the Base Piece with two 2-1/2" x 1/4" Carriage Bolts and 1/4" Safety Nuts. Do not fully tighten the fasteners until you have started the Safety Nuts at each end of the Diagonal Brace. When this is done, fully tighten the Safety Nuts holding the Base Piece to the Bridge Uprights, and the Diagonal Braces to the Bridge Uprights and the Base Piece.

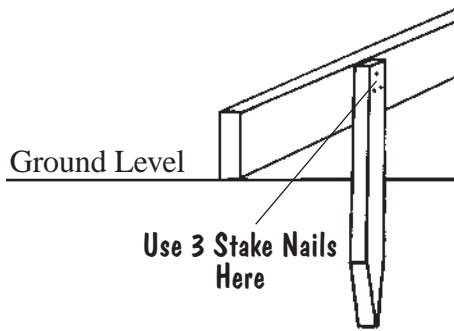
Fasten the two **Steps** to the outside of the Bridge Uprights using four 4-1/2" x 1/4" Carriage Bolts and 1/4" Safety Nuts. For the bottom Step, use the holes 5-1/2" up from the bottom of the Uprights.

Now go to Step 11.

**ILLUSTRATION 9**



### ILLUSTRATION 10



### **Step 11. INSTALL GROUND ANCHOR STAKES (SEE ILLUSTRATION 10)**



#### **HARDWARE REQUIRED FOR THIS STEP**

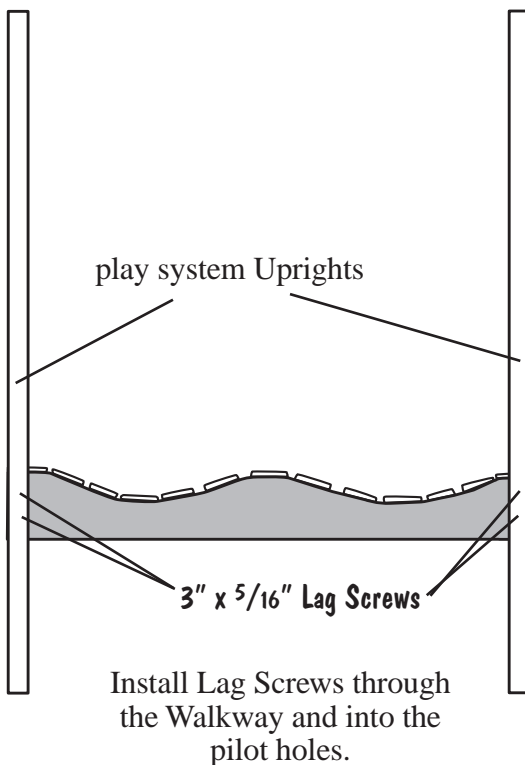
- Six Stake Nails (in Box #62)

Make sure the Base Piece is firmly on the ground and does not rock from side to side. With a heavy hammer, pound one 16" Ground Anchor Stake into the ground about 10" from each end of the Wavy Bridge Base Piece to avoid cracking the Base Piece. Such cracks would not be covered under our limited warranty.

Drive the stakes in until no more than 3" - 4" are exposed above the ground and the top of the stake is flush with the top of the Base Piece. Nail each stake to the Base Piece using the pre-drilled holes in the stakes and the nails provided. Use three nails for each stake. **See Illustration 10.**

**Now skip to Step 16.**

### ILLUSTRATION 11



### **Step 12. ATTACH WALKWAY TO SELECTED UPRIGHTS (SEE ILLUSTRATION 11)**



#### **HARDWARE REQUIRED FOR THIS STEP**

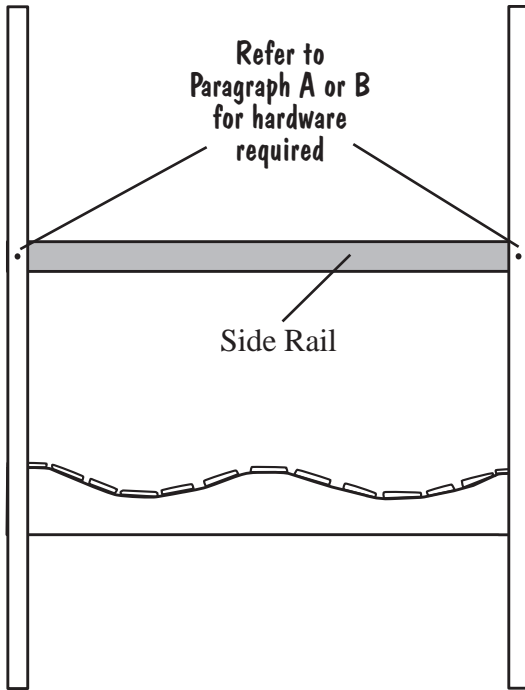
- Eight 3" x 5/16" Lag Screws (in Box #60)
- Eight 5/16" Flat Washers (in Box #60)

The two towers you will link together should be about 6-1/2' apart. Open Box #61 to locate the Wavy Bridge Walkway. While your helper holds one end, fasten the other end to one of the towers at the two Uprights you selected in Step 4. Fasten the Walkway to the Uprights with four 3" x 5/16" Lag Screws and four 5/16" Flat Washers. Use the two pilot holes that you drilled 26-1/2" and 29-1/2" up from the bottom of the Uprights. The lag screws travel first through the Walkway and then into the pilot holes in the Upright. Install hardware completely so the head of the lag screw does not protrude above the level of the countersunk hole.

**Repeat** this step to fasten the other end of the Walkway to the other tower.

**Now go to Step 13.**

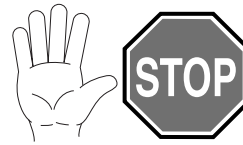
## **ILLUSTRATION 12**



### **Step 13. FASTEN THE TWO TOP SIDE RAILS (SEE ILLUSTRATION 12)**

Locate the four identical Side Rails in Box #60.

Use the hardware specified in either Paragraph A or B below to fasten two Side Rails to the inside of the play system Uprights you selected in Step 4. Position the Side Rails such that the countersunk holes are exposed. The bolts travel first through the play system Uprights and then into the Side Rails. The safety nuts will rest in the countersunk holes in the Side Rails. Use the pre-drilled holes 66" up from the bottom of the play system Uprights.



When you are fastening Side Rails to a **Jungle Tower** or the **Jungle Tower** end of a **Superchief**, use the hardware indicated in Paragraph A.

When you are fastening Side Rails to a **Fireman's Gym** or the **Fireman's Gym** end of a **Firechief** or **Superchief**, use the hardware indicated in Paragraph B.



#### **HARDWARE REQUIRED FOR PARAGRAPH A**

- Two 4-1/4" x 1/4" Carriage Bolts (in Box #60)
- Two 1/4" Safety Nuts (in Box #60)

**A)** Use two 4-1/4" x 1/4" Carriage Bolts and two 1/4" Safety Nuts. The bolts travel first through the play system Uprights and then into the Side Rails. The safety nuts will rest in the countersunk holes in the Side Rails. **Fasten securely.**



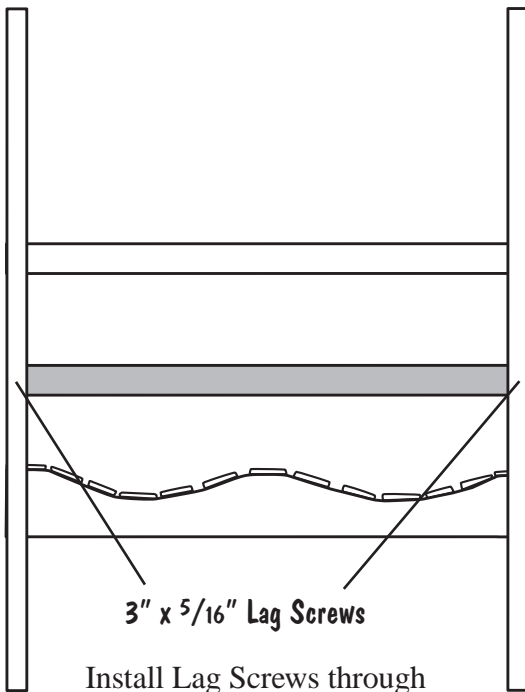
**HARDWARE REQUIRED FOR PARAGRAPH B**

- One 4-1/4" x 1/4" Carriage Bolt (in Box #60)
- One 5-1/2" x 1/4" Carriage Bolt (in Box #60)
- Two 1/4" Safety Nuts (in Box #60)

**B)** Use one 4-1/4" x 1/4" Carriage Bolt, one 5-1/2" x 1/4" Carriage Bolt, and two 1/4" Safety Nuts. At the corner of the Fireman's Gym, remove and discard the 4-1/2" Carriage Bolt that holds the corner of the gym ends and sides together at the point 66" up from the bottom of the Uprights. Replace it with the 5-1/2" x 1/4" Carriage Bolt specified here. The bolts travel first through the play system Uprights and then into the Side Rails. The safety nuts will rest in the countersunk holes in the Side Rails. **Fasten securely.**

**Now go to Step 14.**

**ILLUSTRATION 13**



Install Lag Screws through the Side Rails and into the pilot holes.

**Step 14. FASTEN THE TWO BOTTOM SIDE RAILS (SEE ILLUSTRATION 13)**



**HARDWARE REQUIRED FOR THIS STEP**

- Four 3" x 5/16" Lag Screws (in Box #60)
- Four 5/16" Flat Washers (in Box #60)

Fasten two Side Rails to the inside of the play system Uprights you selected in Step 4 at the pilot holes you drilled 47-3/8" up from the bottom of the Uprights. Position the Side Rails such that the countersunk holes are exposed. Use four 3" x 5/16" Lag Screws and 5/16" Flat Washers. The lag screws travel first through the Side Rails and then into the Uprights. Install hardware completely so the head of the lag screw does not protrude above the level of the countersunk hole.

**Now go to Step 15.**

## **Step 15. ENSURE GROUND ANCHOR STAKES ON BOTH PLAY SYSTEMS ARE CORRECTLY INSTALLED**

Follow the instructions in each **Manual 1** of the play systems you have linked together and correctly install the Ground Anchor Stakes provided with each play system. Fasten securely.

Now go to Step 16.

---

## **Step 16. FOLLOW INSTRUCTIONS FOR SAFE USE, MAINTENANCE, SURFACING, AND DISPOSAL**

Assembly is now complete!

Refer to **Manual 1** of the play system(s) you have purchased for very important information regarding safe use, maintenance, resilient surfacing, and proper disposal. If you do not have this important document, contact ChildLife or your point of purchase for a free replacement copy.

***THANK YOU!***

## Notes

## Notes

# **25 YEAR LIMITED WARRANTY**

First, please install and maintain your equipment as specified in the Assembly Instructions and Owner's Manual that accompany each product.

All products are warranted to the original owner to be free from defects in material and workmanship for a period of 2 years from purchase. We will repair or replace (at our option) any product with such defects within the 2-year warranty period at no charge and we'll pay the shipping, too! Installation of these parts is up to you.

We will repair or replace (at our option) any wooden parts that are structurally damaged by decay or insects during the 25-year warranty period for the original owner at no charge other than freight. Installation of these parts is up to you.

## **HOW TO TAKE ADVANTAGE OF OUR WARRANTY**

In the unlikely event that a problem arises with your equipment, please contact your point of purchase. You must submit 1) a photograph of your entire play system, 2) a photograph of the area(s) of concern, and 3) a dated proof of purchase.

## **LIMITATION ON WARRANTY**

Basically, all we ask is that you 1) periodically tighten the tents and hardware, 2) apply our touch-up paint (4 ounces included **free** with play systems!) if ever necessary, 3) apply our wood sealer on climbing rungs to help prevent mildewing, and 4) inspect and maintain any ground anchor stakes.

Slight cosmetic cracks, checks, and knots may become apparent as our natural wood product weathers. They are not a defect and are not covered under our warranty. This warranty does not cover damage from abuse, vandalism, normal wear and tear, sprinkler systems, or acts

of nature. Our products are designed for residential use only; any commercial use will void this warranty. Never modify the designs of our products; doing so will void this warranty.

## **LIMITATION IN DURATION OF IMPLIED WARRANTIES**

All implied warranties, including warranties of merchantability and fitness for a particular purpose, are hereby expressly limited in duration to one year after date of original purchase.

## **LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES**

We shall not be liable for any incidental or consequential damages resulting from a breach of any warranty contained herein. Some states or provinces do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary with jurisdiction.

