## HIGHLINE RETREAT F29060

[12' 10.73']



[17' 1.24"] 5.213

[3' 11 77"] 1.213

**3D-GUIDED INTERACTIVE ASSEMBLY** INSTRUCTIONS CAN BE FOUND IN BILT DOWNLOAD THE FREE APP LAS INSTRUCCIONES DE ENSAMBLAJE INTERACTIVO GUIADAS EN 3D SE PUEDEN ENCONTRAR EN BILT DESCARGA LA APLICACIÓN GRATUITA LES INSTRUCTIONS D'ASSEMBLAGE INTERACTIF

GUIDÉES EN 3D PEUVENT ÊTRE TROUVÉES EN BILT TÉLÉCHARGER L'APPLICATION GRATUITE

## **INSTALLATION AND OPERATING INSTRUCTIONS**



**AWARNING** To reduce the risk of serious injury or death, you must read and follow these instructions. Keep and refer to these instructions often and give them to any future owner of this play system. Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE - 26'0.20" x 17'1.24" (7.930 x 5.213 m) area requires Protective Surfacing. See Page 3

MAXIMUM VERTICAL FALL HEIGHT - 2'11.47"(0.9 m)

CAPACITY - 8 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (49.9 kg) per child. RESIDENTIAL HOME USE ONLY. Not intended for public areas such as schools, churches, nurseries, day cares or parks. Warning. Only for domestic use.





KidKraft, Inc. 4630 Olin Road Dallas, Texas 75244 USA customerservice@kidkraft.com canadacustomerservice@kidkraft.com 1.800.933.0771 972.385.0100 For online parts replacement visit https://parts.kidkraft.com/

KidKraft Netherlands BV Olympisch Stadion 29 1076DE Amsterdam The Netherlands europecustomerservice@kidkraft.com +31 20 305 8620 M-F from 09:00 to 17:30 (GMT+1) For online parts replacement visit https://parts.kidkraft.eu/

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### Warnings and Safe Play Instructions



**CONTINUOUS ADULT SUPERVISION REQUIRED.** Most serious injuries and deaths on playground equipment have occurred while children were unsupervised! Our products are designed to meet mandatory and voluntary safety standards. Complying with all warnings and recommendations in these instructions will reduce the risk of serious or fatal injury to children using this play system. Go over the warnings and safe play instructions regularly with your children and make certain that they understand and follow them. Remember on-site adult supervision is required for children of all ages.

## WARNING

#### SERIOUS HEAD INJURY HAZARD

Installation over concrete, asphalt, dirt, grass, carpet and other hard surface creates a risk of serious injury or death from falls to the ground. Install and maintain shock absorbing material under and around play-set as recommended on page 3 of these instructions.

#### **COLLISION HAZARD**

Place play-set on level ground at least 2m from any obstruction such as a garage or house, fences, poles, trees, sidewalks, walls, landscape timbers, rocks, pavement, planters, garden borders, overhanging branches, laundry lines, and electrical wires. (See OBSTACLE FREE SAFETY ZONE on cover)

#### **CHOKING HAZARD/SHARP EDGES & POINTS**

Adult assembly required. This product contains small parts and parts with sharp edges and points. Keep parts away from children until fully assembled.

#### WARNING LABEL

Owners shall be responsible for maintaining the legibility of the warning labels.

#### STRANGULATION HAZARD

- NEVER allow children to play with ropes, clotheslines, pet leashes, cables, chains or cord-like items when using this play-set or to attach these items to play-set.
- NEVER allow children to wear loose fitting clothing, ponchos, hoods, scarves, capes, necklaces, items with draw-strings, cords or ties when using this play-set.
- NEVER allow children to wear bike or sport helmets when using this play-set.

Failure to prohibit these items, even helmets with chin straps, increases the risk of serious injury and death to children from entanglement and strangulation.

#### **TIP OVER HAZARD**

Choose a level location for the equipment. This can reduce the likelihood of the play set tipping over and loose-fill surfacing materials washing away during heavy rains.

DO NOT allow children to play on the play-set until the assembly is complete and the unit is properly anchored.

Never add extra length to chain or rope. The chains or ropes provided are the maximum length designed for the swinging element(s).



## **WARNING** – Safe Play Instructions

- ✓ Observe capacity limitations of your play-set. See front cover.
- Dress children with well fitting and full foot enclosing footwear.
- Teach children to sit with their full weight in the center of the swing seat to prevent erratic swing motion or falling off.
- Check for splintered, broken or cracked wood; missing, loose, or sharp edged hardware. Replace, tighten and or sand smooth as required prior to playing.
- Verify that suspended climbing ropes, rope ladders, chain or cable are secured at both ends and cannot be looped back on itself as to create an entanglement hazard.
- ✓ On sunny and or hot days, check the slide and other plastic rides to assure that they are not very hot as to cause burns. Cool hot slide and rides with water and wipe dry prior to using.
- Orientate slide such that it gets the least amount of exposure to the sun.

- ➤ Do not allow children to wear open toe or heel footwear like sandals, flip-flops or clogs.
- > Do not allow children to walk, in front, between, behind or close to moving rides.
- ✗ Do not let children twist swing chains or ropes or loop them over the top support bar. This may reduce the strength of the chain or rope and cause premature failure.
- > Do not let children get off rides while they are in motion.
- X Do not permit climbing on equipment when it is wet.
- Do not permit rough play or use of equipment in a manner for which it was not intended. Standing on or jumping from the roof, elevated platforms, swings, climbers, ladders or slide can be dangerous.
- **X** Do not allow children to swing empty rides or seats.
- Do not allow children to go down slide head first or run up slide.

## $\mathbf{A}$ Protective Surfacing - Reducing Risk of Serious Head Injury From Falls.

One of the most important things you can do to reduce the likelihood of serious head injuries is to install shock-absorbing protective surfacing under and around your play equipment. The protective surfacing should be applied to a depth that is suitable for the equipment height in accordance with ASTM F1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

#### **Loose-Fill Materials**

- Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9 inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically raked and refilled to maintain at least a 9-inch depth.
- Use a minimum of 6 inches of protective surfacing for play equipment less than 4 feet in height. If maintained properly, this should be adequate. (At depths less than 6 inches, the protective material is too easily displaced or compacted.)

NOTE: Do not install home playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are not adequate protective surfacing. Ground level equipment -- such as a sandbox, activity wall, playhouse or other equipment that has no elevated play surface -- does not need any protective surfacing.

- Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging. Don't forget to account for water drainage.
- Periodically rake, check and maintain the depth of the loose-fill surfacing material. Marking the correct depth on the play equipment support posts will help you to see when the material has settled and needs to be raked and or replenished. Be sure to rake and evenly redistribute the surfacing in heavily used areas.
- Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.

#### Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles

You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

- Installations of these surfaces generally require a professional and are not "do-it yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM F1292 *Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment*. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height vertical distance between a designated play surface (*elevated surface for standing, sitting, or climbing*) and the protective surfacing below of your play equipment.
- Check the protective surfacing frequently for wear.

#### Placement

Proper placement and maintenance of protective surfacing is essential. Refer to diagram on front cover. Be sure to;

- Extend surfacing at least 2m from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions.



From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

### **Instructions for Proper Maintenance**

Your KidKraft Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain it.

#### Check the following at the beginning of the play season:



If you dispose of your play set: Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.

### About Our Wood

KidKraft Premium Play Systems uses only premium playset lumber, ensuring the safest product for your children's use. 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 Play System?

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 or 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 a grey over time.

#### How can I reduce the amount of weathering to my Play System?

At the factory we have coated the wood with a water repellent or stain. This coating decreases the amount of water absorption during rain or snow thus decreasing the tension in the wood. Sunlight will break down the coating, so we recommend applying a water repellent or stain on a yearly basis (see your local stain and paint supplier for a recommended product).

Most weathering is just the normal result of nature and will not affect safe play and enjoyment for your child. However if you are concerned that a part has experienced a severe weathering problem please call our consumer relations department for further assistance.

## Complete and mail registration card to receive important product notifications and assure prompt warranty service.

## **5 Year Limited Warranty**

KidKraft warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 5 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.

This warranty applies to the original owner and registrant and is non-transferable.

Regular maintenance is required to assure the integrity of your Play System. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

- Labor for replacement of any defective item(s);
- Incidental or consequential damages;
- Cosmetic defects which do not affect performance or integrity;
- Vandalism; improper use or installation; acts of nature;
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect performance or integrity.

KidKraft products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Kidkraft cannot assume any responsibility for modified products. Furthermore, modification voids any and all warranties.

This product is warranted for **RESIDENTIAL USE ONLY**. Under no circumstance should a KidKraft Play System be used in public settings such as schools, churches, playgrounds, parks, day cares and the like. Such use may lead to product failure and potential injury. Any and all public use will void this warranty.

KidKraft disclaims all other representations and warranties of any kind, express or implied.

This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states do not allow the limitation or exclusion of consequential damages, and therefore this limitation may not apply to you.

## **Battery Instruction and Warranty**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio /TV technician for help.

Note: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Please retain the information on this pack for future reference.

- Batteries should always be installed and changed under adult supervision.
- Non-Rechargeable batteries are not to be recharged.
- Rechargeable batteries are only to be charged under adult supervision.
- Only batteries of the same equivalent type as recommended are to be used.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the toy and disposed of properly.
- The supply terminals are not to be short circuited.
- Different types of batteries or new and used batteries are not to be mixed.
- DO NOT mix alkaline, standard (carbon-zinc) or rechargeable batteries.
- Be sure to insert new batteries with positive (+) side up.
- Rechargeable batteries are to be removed from the toy before being charged.

- EU Regulations require exhausted batteries to be separately collected so that they can be treated using the best available recovery and recycling techniques. This will minimize the impact on the environment and human health from soil and water contamination by any hazardous substances, decrease the resources required to make new products and avoid using up landfill space.

- Batteries or battery packs must be recycled or disposed of properly. When the batteries in this product have reached the end of their useful life, they should not be disposed of with other household waste.

- Please do your part by keeping waste batteries out of the municipal waste stream!



#### • Tape Measure Carpenters Level

Carpenters Square

**Tools Required** 

On each page, you will find the parts and quantities required to complete the assembly step illustrated on that page. Here is a sample.

## Keys to Assembly Success

• #1, #2 & #3 Phillips

or Robertson Bits

- Open End Wrench
- (7/16", 1/2" & 9/16")
- Adjustable Wrench

#### • 3/16" Hex Key

- 8' Step Ladder
- Safety Glasses



Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.

Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

Note: Wafer head bolts with blue lock tight or a bolt with a Nv-Lok nut do NOT require a lock washer.



# Your Key To Quick Assembly

## SORTING WOOD PARTS INTO EACH ASSEMBLY STEP WILL SAVE TIME!

SAVE TIME - TIP #1:

Open each box with wood parts and look for the <u>Key Number</u> stamped on the end of the wood part (see chart below). Sort each wood part into the different assembly steps.

Step



listed in step 1)

Note that if the part is used in multiple steps then the key number only reflects the first step it is used in.

Step

Step

### SAVE TIME - TIP #2:

In addition to the key number stamp, you can also identify the wood parts by using the Parts Identification pages in the manual or the Parts Identification weather resistant poster.

### HARDWARE:

The majority of each hardware part comes packed in a separate bag so you do not need to sort the hardware. Each assembly step indicates which hardware (bolt, screw, washer etc.) you will require to complete the step.





## Part Identification (Reduced Part Size)

<b>2pc.</b> - <b>021</b> - 5/8 x 4-1/2 x 76-7/8" (15.9 x 114.3 x 1952.6mm) - Lower Front Back - Box 2 - 3569327
° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °
<b>2pc.</b> - 041 - 5/8 x 4-1/2 x 47-3/4" (15.9 x 114.3 x 1213.4mm) - Lower Side - Box 2 - 3569328
<b>2pc.</b> - <b>022</b> - 1-1/4 x 3 x 38" (31.8 x 76.2 x 964.5mm) - Upright Short - Box 2 - 3569329
<b>2pc.</b> - [ <b>042</b> ] - 1-1/4 x 3 x 44" (31.8 x 76.2 x 1118mm) - End Floor Support - Box 2 - 3569330
<b>3pc.</b> - [024] - 1-1/4 x 3 x 74-3/8" (31.8 x 76.2 x 1889mm) - Floor Support Long - Box 2 - 3569331
<b>17pc.</b> - 051 - 5/8 x 4-1/2 x 44" (15.9 x 114.3 x 1118mm) - Floor Board - Box 2 - 3739332 • • • • • • • • • • • • • • • • • • •
<b>2pc.</b> - 074 - 5/8 x 3 x 61" (15.9 x 76.2 x 1549.4mm) - Upright Center - Box 2 - 3569333
<b>2pc.</b> - <b>075</b> - 5/8 x 3 x 4-1/2" (15.9 x 76.2 x 114.3mm) - Upright Block - Box 1 - 3569334
<b>2pc.</b> - 023 - 1-1/4 x 3 x 61" (31.8 x 76.2 x 1549.4mm) - Upright Long - Box 2 - 3569335
<b>1pc.</b> - 043 - 1-1/4 x 3 x 46-1/2" (31.8 x 76.2 x 1181.6mm) - SL Barrier Top - Box 2 - 3569336
<b>2pc.</b> - <u>072</u> - 1-1/4 X 3 X 32-7/6 (31.6 X 70.2 X 6031111) - Side Barrier DP - Box 2 - 3569337
<b>4pc.</b> - [ <u>082</u> ] - 1-1/4 x 3 x 27-5/8" (31.8 x 76.2 x 701.7mm) - End Barrier - Box 2 - 3569339
<b>1pc.</b> - <u>114</u> - 5/8 x 3-1/4 x 20-3/4" (15.9 x 82.6 x 527mm) - Ladder Gap - Box 2 - 3569340
<b>1pc.</b> - <b>132</b> - 1 x 2-1/2 x 5" (23.8 x 63.5 x 127mm) - Door Stop - Box 1 - 3569341
<b>4pc.</b> - <b>061</b> - 1-1/4 x 3 x 13-3/8" (31.8 x 76.2 x 340mm) - Gusset Long - Box 2 - 3569342
<b>4pc.</b> - 062 - 1-1/4 x 3 x 11-3/4" (31.8 x 76.2 x 300mm) - Gusset Short - Box 2 - 3569343
<b>2pc.</b> - <b>091</b> - 1 x 1 x 44" (25.4 x 25.4 x 1117.6mm) - Side Wall Soffit - Box 2 - 3569344
<b>2pc.</b> - [ <b>υ92</b> ] - 1 X 1 X 41-7/8" (25.4 X 25.4 X 1064.8mm) - End vvali Soπit - Box 1 - 3569345

11

### Part Identification (Reduced Part Size)





## Part Identification (Reduced Part Size)



## Hardware Identification (Actual Size)

<b>22pc.</b> (S0) - Truss Head Screw #8 x 7/8" (22mm) - (52933505)	<b>2pc.</b> ( <b>518</b> ) -Wood Screw #6 x 1" (25mm) - (52013910)
<b>44pc. (S3)</b> - Wood Screw #8 x 2-1/2" (64mm) - (52043522)	<b>202pc</b> . <b>S20</b> - Wood Screw #8 x 1-3/8" (35mm) - (52043516)
<b>12pc.</b> (S4) - Wood Screw #8 x 3" (76mm) - (52043530)	<b>10pc. (537)</b> - Pan Screw <b>#7</b> x 5/8" (16mm) - (52433009)
<b>10pc. (\$7)</b> - Pan Screw #12 x 2" (51mm) - (52433620)	<b>36pc. FW1</b> - 1/4" (6mm) Flat Washer - (51103200)
<b>5pc.</b> (S10) - Pan Screw #8 x 1" (25mm) - (52433510)	48ma (1)Md) 1/4" (6mm) ) Mashar Lask (51202200)
u 42pc. S11) - Wood Screw #8 x 2" (51mm) - (52043520)	Topc. (LWT) - 1/4 (Onim) Washer Lock - (51303200)
<b>20pc.</b> (\$13) - Pan Screw #6 x 5/8" (16mm) 52413908)	<b>18pc. TN1</b> - 1/4" (6mm) T - Nut - (54503200)
<b>2pc. (§15</b> ) - Wood Screw #8 x 1-3/4" (44mm) - (52043513)	<b>1pc. D4</b> - #2 Robertson Driver Bit - (9200014)
<b>2pc.</b> (LS2) - Lag Screw 1/4 x 2-1/2" (6mm x 64mm) - (52213222)	
6pc. ⟨H2⟩ - Hex Bolt 1/4 x 2" (6mm x 51mm) - (53703220)	
<b>6pc.</b> (H3) - Hex Bolt 1/4 x 2-1/2" (6mm x 64mm) - (53703222)	
□ <b>2pc.</b> (H8) - Hex Bolt 1/4 x 4-1/4" (6mm x 108mm) - (53703241)	
<b>4pc.</b> ⟨ <b>H15</b> ⟩ - Hex Bolt 1/4 x 3-3/4" (6mm x 95mm) - (53702233)	m

F

### **Step 1: Inventory Parts - Read This Before Starting Assembly**



- **A.** This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.
  - The wood pieces will have the four digit key number stamped on the ends of the boards. The wood pieces are referenced throughout the instructions with this number.
  - Please refer to Page 6 for proper hardware assembly.
  - Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- **B.** If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. <u>Call us before going back to the store.</u>

1.800.933.0771 or 972.385.0100 customerservice@kidkraft.com canadacustomerservice@kidkraft.com For online parts replacement visit https://parts.kidkraft.com/

+31 20 305 8620 europecustomerservice@KidKraft.com For online parts replacement visit https://parts.kidkraft.eu/

- **C.** Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information.
- **D.** Before you discard your cartons fill out the form below.
  - The carton I.D. stamp is located on the end of each carton. The tracking number is located on the KidKraft ID Plaque (9320370).
  - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: F29060				
CARTON I.D. STAMP:	14459 (Box 1)	CARTON I.D. STAMP:	14459 (Box 4)	
CARTON I.D. STAMP:	14459 (Box 2)	CARTON I.D. STAMP:	14459 (Box 5)	
CARTON I.D. STAMP:	14459 (Box 3)	CARTON I.D. STAMP:	14459 (Box 6)	
TRACKING NUMBER (from ID Plaque):				



#### Note: It is important to note hole orientation for the following step.

**A:** Place (021) Lower Front Back so that one end is over (023) Upright Long and the other end is over (022) Upright Short. Attach each end using 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) and 1 (S20) #8 x 1-3/8" Wood Screw making sure to note hole orientation. (fig. 2.1 and fig. 2.3)

**B:** Place (024) Floor Support Long so that one end is under the middle holes on (023) Upright Long and the other end is under the end of (022) Upright Short. Attach each end using 1 (H3)  $1/4 \times 2 - 1/2$ " Hex Bolt (with lock washer, flat washer and t-nut). Check to make sure that assembly is square. (fig. 2.1 and fig. 2.2)





#### Note: It is important to note hole orientation for the following step.

A: Refer to Step 2 but placing (023) Upright Long and (022) Upright Short on the opposite ends of the (021) Lower Front Back. Attach each end using 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) and 1 (S20) #8 x 1-3/8" Wood Screw making sure to note hole orientation. (fig. 3.1 and fig. 3.2)

B: Place (024) Floor Support Long so that one end is under the middle holes on (023) Upright Long and the other end is under the end of (022) Upright Short. Attach each end using 1 (H3) 1/4 x 2- 1/2" Hex Bolt (with lock washer, flat washer and t-nut). Check to make sure that assembly is square. (fig. 3.1 and fig. 3.3)



## Step 4: Side Wall Assembly Part 1



A: With a helper hold Front and Back Wall Assemblies in position as shown in fig. 4.1.

**B:** Place 1 (041) Lower Side across the bottom of each end and attach using 2 (H15) 1/4 x 3- 3/4" Hex Bolts (with lock washer, flat washer and t-nut) and 2 (S20) #8 x 1 -3/8" Wood Screws per board making sure that the assembly is square. (fig. 4.1 and fig. 4.2)





**C:** Place 1 (042) End Floor Support at each end of the assembly so they are flush to the (024) Floor Support Longs. Attach each (042) End Floor Support using 6 (S3) #8 x 2 -1/2" Wood Screws per board as shown in fig. 4.3 and 4.5.

**D:** Place 1 (024) Floor Support Long lengthwise through the center of the assembly so each end lines up with the predrilled holes in (042) End Floor Supports. Attach (024) Floor Support Long using 4 (S3) #8 x 2 -1/2" Wood Screws. (fig. 4.3 and fig. 4.4)





## Step 4: Side Wall Assembly Part 3



**E:** Attach (043) SL Barrier Top to (023) Upright Longs using 2 (H8) 1/4 x 4- 1/4" Hex Bolts (with lock washer, flat washer and t-nut) making sure that all boards are flush at the top. (fig. 4.6 and fig. 4.7)





**A:** Place 1 (051) Floor Board so that it fits between the (022) Upright Shorts and is flush to the edge of (042) End Floor Support. Attach (051) Floor Board to (024) Floor Support Longs using 6 (S20) #8 x 1-3/8" Wood Screws. (fig. 5.1)

**B:** Evenly space the remaining 16 (051) Floor Boards and attach using 6 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 5.2)











Hardware 102 x (520) #8 x 1-3/8" Wood Screw

### Step 6: Attach Gussets

**A:** Place 1 (061) Gusset Long so that it's flush to the outside edges of the (042) Floor End Support and the (023) Upright Long. Attach using 2 (S4) #8 x 3" Wood Screws on the inside holes and 2 (S11) #8 x 2" Wood Screws in the outer holes. (fig. 6.1 and fig. 6.2)

**B:** Position (062) Gusset Short so that it's flush to the edge of the (024) Floor Support Long and tight to the (061) Gusset Long as shown in fig 6.3. Attach gusset to (024) Floor Support Long using 1 (S11) #8 x 2" Wood Screw in the outer hole and 1 (S4) #8 x 3" Wood Screw in the inner hole. Attach other end of gusset to (023) Upright Long using 2 (S11) #8 x 2" Wood Screws.

C: Repeat to install gussets on the remaining 3 corners. (fig. 6.1)







**A:** With a helper lift (071) Panel Assembly up onto the righthand side of the playhouse floor and place it upright with the open end at the front. (fig. 7.1)

**B**: On the inside of (023) Upright Long, place 1 (072) Side Barrier Top so that it's tight to (043) SL Barrier and all boards are flush at the top. The other end should be tight to the (071) Panel Assembly (fig. 7.1). Attach (072) Side Barrier to (023) Upright from the outside using 1 (H3)  $1/4 \times 2 - 1/2$ " Hex Bolt (with lock washer, flat washer and t-nut) and to (043) SL Barrier Top with 1 (S3) #8 x 2 –  $\frac{1}{2}$ " Wood Screw (fig. 7.1 and fig. 7.2). Check that (072) Side Barrier is level then attach other end to (071) Panel Assembly from the inside using 2 (S3) #8 x 2 –  $\frac{1}{2}$ " Wood Screws. (fig. 7.1, fig. 7.3 and fig. 7.4)

C: Repeat Step B to install a second (072) Barrier Top on the Back Wall. (fig. 7.1, fig. 7.2, fig. 7.3 and fig. 7.4)





**D:** Make sure that (071) Panel Assembly is fully open and that each wall is flush to the edges of the (051) Floor Boards. Check to ensure that the assembly is square and install 4 (S3) #8 x  $2 - \frac{1}{2}$ " Wood Screws in each end wall as shown in fig. 7.5.





#### Hardware 8 x (s3) #8 x 2-1/2" Wood Screw



F: From outside the assembly attach each (022) Upright Short to (071) Panel Assembly using 1 (S3) #8 x 2 -1/2" Wood Screw in the outside hole and 1 (S11) #8 x 2" Wood Screw for the inside hole. (fig. 7.8) Fig. 7.8 071 **S**3 022 (S11 **S**3 022 Hardware 2 x (\$11) #8 x 2" Wood Screw 2 x (s<sub>3</sub>) #8 x 2-1/2" Wood Screw





**H:** Taking note of hole orientation, place 1 (074) Upright Center against the end of (073) Center Tie, making sure that its flush with the edge of (071) Panel Assembly. The bottom of the board should be on the inside of (021) Lower Front Back. Attach the upper section of (074) Upright Center to the assembly using 6 (S20) #8 x 1 -3/8" Wood Screws. (fig. 7.10)

**I:** Place 1 (075) Upright Block so that it sits flush between (021) Lower Front Back and (074) Upright Center. From the outside install 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) and from the inside install 2 (S20) #8 x 1 -3/8" Wood Screws. (fig. 7.10 and fig. 7.11)

J: Repeat Steps H and I to install (074) Upright Center on the Back Wall.







## Step 8: Deck Wall Assembly Part 1

**A:** On the front and back deck walls, evenly space and install 5 (081) SL Barriers using 4 (S20) #8 x 1-3/8" Wood Screws per board, making sure that all boards are flush to the top of (072) Side Barriers. There should be a 63.5mm space between each board. (fig. 8.1, fig. 8.2 and fig. 8.3)

Я



## Step 8: Deck Wall Assembly Part 2



**B:** On the End Wall of the Deck Assembly measure 84mm in from the (022) Upright Shorts and install 1 (082) End Barrier per side, making sure that the notched out end is at the bottom and fits over (042) End Floor Support and that the top of the board is behind (043) SL Barrier Top. Attach each board at the top from the inside and at the bottom from the outside using 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 8.4 and fig. 8.5)

C: Maintaining the measurement of 84mm install 1 more (082) End Barrier per side. (fig. 8.6)

Note: Measurement between boards cannot exceed 84mm.



### Step 9: Soffit Assembly

**A:** Center (092) End Wall Soffits on each end of (071) Panel Assembly, making sure that they are flush to the inside wall. Attach each soffit using 4 (S11) #8 x 2" Wood Screws. (fig. 9.1 and fig. 9.2)

**B:** Place (091) Side Wall Soffits along the top of the front and back walls ensuring that they are flush to the inside wall. Attach using 4 (S11) #8 x 2" Wood Screws per board. (fig. 9.1 and fig. 9.2)



# Step 10: Roof Assembly Part 1



# Step 10: Roof Assembly Part 2



### Step 11: Access Ladder Assembly



**A:** Place (112) Left Access on one side of 3 (113) Treads and (111) Right Access on the other side with the grooves facing in. (fig. 11.1)

**B:** Fit each (113) Tread into grooves on both (111) and (112) Access Rails, making sure the top edge of the (113) Treads are flush to the front of the Access rails. (fig. 11.1 and fig. 11.2)

**C:** Pre-drill pilot holes with a 1/8" drill bit and attach rails and treads together using 4 (S3) #8 x 2-1/2" Wood Screws per tread. (fig. 11.1)

**D:** Place (114) Ladder Gap on each access rail so there is a 1-1/2" (38mm) gap between (114) Ladder Gap and the top (113) Tread. Attach using 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 11.3)



### **Step 12: Attach Access Ladder to Deck**





# Step 13: Attach Door Components Part 1



**A:** On the inside of (131) Door measure 13" up from the bottom and attach Catch Plate flush to the edge using 2 (S13) #6 x 5/8" Pan Screws. (fig. 13.1)

**B:** On the inside of (131) Door measure 18" up from the bottom and attach 1 Door Handle using 2 (S13) #6 x 5/8" Pan Screws. (fig. 13.1)

Fig. 13.1

Inside View



### Step 13: Attach Door Components Part 2

**C:** On the outside of the (131) Door attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S13) #6 x 5/8" Pan Screws. (fig. 13.3)

**D:** On the opposite side from the Door Handle, measure 2 -1/2" from the top and bottom of (131) Door and attach 2 Door Hinges on the outside using 3 (S13) #6 x 5/8" Pan Screws per Hinge. **Note: Hinge stops must be tight to (131) Door.** (fig. 13.2, fig. 13.3 and fig. 13.4)



## Step 13: Attach Door Components Part 3



**E:** In the opening for the door, measure 5/8" from the top of the bottom door frame and maximum 5/8" from right side of the opening which would be the Door Hinge side and attach the remaining side of the hinges to (071) Panel Assembly using 3 (S13) #6 x 5/8" Pan Screws per hinge. (fig. 13.5, fig. 13.6 and fig. 13.7)



# Step 13: Attach Door Components Part 4



**F:** In the notched out opening of (132) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1" Wood Screws. (fig. 13.9) **Important: Use a hand held screw driver and DO NOT over tighten.** 

**G:** On the inside of the assembly, attach (132) Door Stop to (071) Panel Assembly with 2 (S15) #8 x 1-3/4" Wood Screws, making sure (132) Door Stop overhangs (071) Panel Assembly by 1-1/4" and is in position to receive the Catch Plate. (fig. 13.8 and fig. 13.10)



## **Step 13: Attach Door Components** Part 5

H: From outside the assembly attach Doorbell Trim using 2 (S13) #6 x 5/8" Pan Screws. (fig. 13.11)

I: On the opposite side of the Doorbell Trim attach Doorbell 2 from the inside using 2 (S10) #8 x 1" Pan Screws. (fig. 13.11 and fig. 13.12)



Fig. 13.12 **Inside View** 



**Other Parts** 1 x Doorbell 2 1 x Doorbell Trim

Hardware

2 x (s10)

2 x (\$13)

#8 x 1" Pan Screw

#6 x 5/8" Pan Screw

### Step 13: Attach Door Components Part 6

**J:** On the outside of (131) Door, below the window, attach KidKraft Logo Plaque using 2 (S37) #7 x 5/8" Pan Screws. (fig. 13.13 and fig. 13.14)









# Step 14: Attach Mail Box Part 1



## Step 14: Attach Mail Box Part 2



## Step 15: Attach Slide to Deck





### MOVE FORT TO FINAL LOCATION PRIOR TO STAKING FINAL LOCATION MUST BE LEVEL GROUND

**A:** In the 6 places shown in fig. 16.1 drive the Rebar Ground Stakes 13" (330mm) into the ground against (041) Lower Side. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off. (fig. 16.1, fig. 16.2 and 16.3)

**B:** Attach ground stakes using 1 (S7) #12 x 2" Pan Screw (with 2pcs 1/4" flat washers) per ground stake as shown in fig. 16.2 and 16.3.

**C:** After driving stakes into the ground, check for sharp edges caused by the impact of the hammer. Smooth any sharp edges from impact area and touch up with outdoor paint.



### Final Step: Attach I.D. Plaque



NOTES		

#### KIDKRAFT Consumer Registration Card

First Name	Initial	Last Name		
Street Apt. No.				
City		State/Province ZIP/Postal Code		
Country		Telephone Number		
E-Mail Address				
Model Name		Model Number (Box Labels)		
Serial Number (on ID Plaque)				
Date Purchase Purchased From				
MM / DD / YY				
How would you rate this product for quality?				
How would you rate this product for ease of asse	mbly?	erage 🛛 Below Average 💭 Poor		
How would you rate our instructions?	Ave	erage 🛛 Below Average 💭 Poor		
How would you rate the quality of packaging?	Ave	erage 🛛 Below Average 💭 Poor		
Would you recommend the purchase of our products to friends and family?				
Comments:				



MAIL TO: KidKraft 4630 Olin Road Dallas, TX 75244 United States Attention: Customer Service

## Fill out your registration card online at https://prdregistration.kidkraft.com/

CUT ALONG LINE

KidKraft would like to say Thank You for your time and feedback.