Wooden Playset
Model: # 46213

Installation Manual for Subcontractors

Home Installation Professionals (H.I.P.)
755 Banfield Road
Portsmouth, NH 03801
1-866-264-0761

Made in China
Installation Manual for Subcontractors

Customer Service Time and Site Set Up

Greet customer

Quickly attempt to contact customer, then slow down. This is a very important few minutes. Be sure you look professional; remember our name precedes your arrival. Smile, let the customer know your glad to be there building their product.

First impressions are quite lasting according to recent research. Put your best foot forward with each customer. Sometimes on a hard day, an obviously difficult carry, or during times of personal difficulties you’ll have to fake being happy about being there; this is normal and happens to everyone sometimes. By giving the customer your best sincere greeting and introduction you could help build a working relationship that benefit you, the customer, the rest of your crew and HIP.

“Hi. My name is ____ and I’m from Home Installation Professionals, the at home services partner of Sheds USA. I’m here to install your play set and wonder if you could take a few minutes to show me where you would like it placed.”

Do not act rushed during this initial conversation and remember to smile, be courteous and professional.

“I am trying to decide on the best parking arrangement, would it be all right if we parked in the driveway? We’ll be a couple of hours so if you need to get your car out during that time it would be best if you moved it now so we won’t be blocking you in.”

If the customer agrees, and it makes the most sense, work together to back into the driveway. It is the policy of HIP to always have someone outside the vehicle watching when a truck or truck/ trailer combination is backed up. Make sure you have a prearranged signal for an emergency stop. Remember; never leave established roads or driveways even if the customer invites you to.

Locate installation site

Once the customer has pointed out the installation site and you safely park in the area best suited to the installation, “Go over” the paperwork to ensure that the product you are about to build is “exactly” what the customer ordered. Every detail of the sales order should be checked carefully.

Model, options and positioning should be covered at this time. You should also ask the customer to sign the ICA form at this point as well if there is any possibility that they will not be available at the completion of the install. Be sure they understand that children should stay out of the safety zone for the entire build including the project review.

“We have an Action Explorer with a peak style roof (pantomime a peak roof) facing this way, with the slide coming off here and the swing beam coming out this side.”
(Pantomime the Slide and Beam positions) You’ve also ordered the 1# option package which includes A, B, C,” as you mention each item pantomime its approximate size and shape in the locations you propose)

**REMEMBER THAT IT IS THE CONTRACTORS RESPONSIBILITY TO BE SURE THE PRODUCT THAT GETS BUILT IS EXACTLY WHAT THE CUSTOMER ORDERED! NEVER ASSUME THAT WHAT WAS SENT IS CORRECT! CHECK THE PAPERWORK CAREFULLY WITH THE CUSTOMER!!**

**Set up Work Safety Zone**

It is important to let the customer know what you are doing at all times but especially when you are setting up the safety zone because it could appear to some that you are being unfriendly by establishing a “barrier” between yourself and them and their children.

“The first thing we will do is mark out a safety zone that no one but the installers should be inside until the play set installation is complete and we leave”

Place 4 flags around the site giving yourselves plenty of room for the organized kit and the finished play set. If customer or children are present say, “These 4 flags represent the safety zone this is the amount of space we need in order to safely assemble your play set. We will be moving around in here with heavy materials, fasteners and tools so please stay back until we are finished. As soon as we are finished we will invite you to come enjoy your new play set!”

**Bring out play set Packages**

The Boxes that contain the wooden parts of the play set are heavy and should be handled carefully so as to avoid injury. (Some may wish to use a dolly or “stretcher” for longer carries.) Every effort should be made to keep the boxes intact until you are ready to begin installing. Never rip the boxes or bags open. They (tops and bottoms) are used to keep parts clean and organized throughout the installation process.

**Bring out tools**

Tools need to be kept in one or two organized wheeled tool boxes. Tools should be “laid out” in an organized fashion so they can be seen and therefore picked out and used quickly and easily. Complete tool list is available from your FM.
**Important Assembly Notes**

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

2) Tighten bolts securely, tighten nuts on bolts flush to the tube or member, and place caps over exposed bolts snug to the nut.

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

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

5) Whenever a T-nut is used, follow these directions. Place T-nut in pre-drilled hole. Tap in with hammer. Place bolt with washers in the opposite side. Hand tighten to make sure the bolt is in the T-nut. DO NOT over tighten.

6) Read the steps of each phase thoroughly. The written steps may include important information not shown in the illustrations.
Parts Identification
Wood Components
(Not to Scale)

A50 - Swing Beam - W102416
3 3/8"x5 1/4"x9 1/2" (86x134x2274)

B1 - Upright Post - W102696
3"x3"x9 1/2" (76x76x2274)

B2 - Upright Post - W102718
3"x3"x9 1/2" (76x76x2274)

B3 - Upright Post - W102699
3"x3"x56 3/8" (76x76x1433)

B4 - Upright Post - W102711
3"x3"x56 3/8" (76x76x1433)

B5 - Upright Post - W102701
3"x3"x56 1/4" (76x76x1429)

B6 - Upright Post - W102702
3"x3"x56 1/4" (76x76x1429)

B7 - Upright Post - W102779
3"x3"x56 1/4" (76x76x1429)

B8 - Upright Post - W102780
3"x3"x56 1/4" (76x76x1429)

E50 - End Support - W100949
1 3/8"x3 3/8"x44 1/8" (36x86x1120)

E51 - Angle Brace - W100948
1 3/8"x3 3/8"x88 3/4" (36x86x2254)

E74 - Monkey Bar Rail - W102875
1 3/8"x3 3/8"x60 5/8" (36x86x1539)

E79 - Monkey Bar Upright - W100995
1 3/8"x3 3/8"x88 1/8" (36x86x2237)

E81 - Angle Brace - W101031
1 3/8"x3 3/8"x20" (36x86x508)

F1 - Left Porch Upright - W102782
1 3/8"x2 3/8"x50 3/8" (36x60x1280)

O2 - Rear Window Cleat - W102799-6
5/8"x1 3/8"x30 7/8" (16x34x784)
Parts Identification
Wood Components
(NOT TO SCALE)

(1) F2 - RIGHT PORCH UPRIGHT - W102783
1 3/8”x2 3/8”x50 3/8” (36x60x1280)

(2) FP2 - SHELF SUPPORT - W102795
1”x5 3/4”x5 3/4” (24x146x146)

(1) G1 - SWINGBEAM RAIL - W102722
1”x5 1/4”x46 7/8” (24x134x1191)

(2) G13 - SAND BOX SEAT - W100629
1”x5 1/4”x20 1/2” (24x134x520)

(1) G2 - FLOOR SUPPORT RAIL - W102698
1”x5 1/4”x76” (24x134x1930)

(1) G3 - GROUND BOARD - W102710
1”x5 1/4”x76” (24x134x1930)

(1) G4 - FLOOR SUPPORT RAIL - W102719
1”x5 1/4”x76” (24x134x1930)

(1) G5 - GROUND BOARD - W102793
1”x5 1/4”x76” (24x134x1930)

(1) G50 - GROUND BOARD - W100947
1”x5 1/4”x86 3/4” (24x134x2202)

(2) G6 - FLOOR SUPPORT - W102697
1”x5 1/4”x62 3/8” (24x134x1585)

(2) G7 - FLOOR SUPPORT - W102792
1”x5 1/4”x62 3/8” (24x134x1585)

(1) G8 - CENTER GROUND BOARD - W102715
1”x5 1/4”x60 1/2” (24x134x1537)

(1) H1 - TOP WALL RAIL - W102791
1”x3 3/8”x64 7/8” (24x86x1647)

(1) O3 - FRONT WINDOW CLEAT - W102854-1
5/8”x1 3/8”x29 1/2” (16x34x748)
Parts Identification
Wood Components
(NOT TO SCALE)

(1) H2 - FLOOR JOIST - W102700
1"x3 3/8"x60 1/2" (24x86x1537)

(1) H3 - WALL BOARD - W102790
1"x3 3/8"x60 1/2" (24x86x1537)

(1) H4 - CENTER UPRIGHT - W102709
1"x3"x56 3/8" (24x76x1431)

(4) H5 - RAFTER - W102796
1"x3 3/8"x50 1/8" (24x86x1272)

(2) H6 - WALL RAIL - W102707
1"x3 3/8"x46 7/8" (24x86x1191)

(2) H7 - REAR PORCH RAFTER - W102852
1"x3 3/8"x24 7/8" (24x86x632)

(2) H81 - MONKEY BAR BRACE - W100993
1"x3 3/8"x53 1/4" (24x86x1352)

(1) H82 - MONKEY BAR GROUND BOARD - W100994
1"x3 3/8"x70 3/8" (24x86x1786)

(1) K1 - ARCHED WALL RAIL - W102708
5/8"x5 1/4"x76" (16x134x1930)

(1) K2 - FLOOR SUPPORT - W102720
5/8"x5 1/4"x76" (16x134x1930)

(1) K3 - ARCHED WALL RAIL - W102781
5/8"x5 1/4"x61 3/4" (16x134x1569)

(1) K4 - TOP LEMONADE STAND RAIL - W102712
5/8"x5 1/4"x46 7/8" (16x134x1191)

(1) M1 - WALL RAIL - W102784
5/8"x3 3/8"x76" (16x86x1930)

(1) M2 - WALL RAIL - W102706
5/8"x3 3/8"x46 7/8" (16x86x1191)

(2) M3 - LEMONADE STAND WALL BOARD - W102714
5/8"x3 3/8"x46 3/8" (16x86x1178)
## Parts Identification

### Wood Components

(NOT TO SCALE)

<table>
<thead>
<tr>
<th>Part Description</th>
<th>Code</th>
<th>Dimensions</th>
<th>Quantity</th>
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<tr>
<td>M4 - Picket - W102785</td>
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<td>1 9/16&quot;x27 1/4&quot;x77 7/8&quot;</td>
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Parts Identification
Wood Components
(NOT TO SCALE)

(1) WP9 - LEMONADE STAND WALL PANEL - W102713
1 1/4"x22 13/16"x46 7/8" (32x580x1191)

(1) WP5 - PICKET FENCE - W102716
1 1/4"x20 1/16"x61 3/4" (32x510x1569)

(1) WP3 - PICKET FENCE - W102717
1 1/4"x20 1/16"x76" (32x510x1930)

(1) WP2 - WALL PANEL - W103030
1 1/4"x40 7/8"x53" (32x1038x1346)
(1) WP4 - WALL PANEL - W103028
2 1/4"x28 3/8"x64 7/8" (56x722x1647)

(1) WP10 - WALL PANEL - W102787
1 7/8"x27 1/2"x28 3/16" (48x698x716)

(1) SP1 - SHELF PANEL - W102794
1 1/4"x8 13/16"x40 7/8" (32x224x1038)

(1) WP6 - GABLE WALL PANEL - W102799
1 1/4"x13 9/16"x57 5/16" (32x344x1456)

(1) WP8 - WALL PANEL - W103031
1 7/8"x30 1/4"x49 5/8" (48x768x1260)

(2) RP1 - PEAK ROOF PANEL - W102797
1 5/8"x25 11/16"x52 1/2" (42x652x1409)

(2) RP2 - ROOF PANEL - W102798
1 5/8"x25 11/16"x52 1/2" (42x652x1409)
Amount of Wood Components

(1) WP11 - PORCH GABLE ASSEMBLY - W102800
1 3/8”x24 7/8”x24 7/8” (35x632x632)

(1) RP3 - PORCH ROOF PANEL LH - W102851
1 5/8”x25 11/16”x31 1/2” (42x652x800)

(1) WP7 - FRONT GABLE WALL PANEL - W102854
1 1/4”x13 9/16”x57 5/16” (32x344x1456)

(1) RP4 - PORCH ROOF PANEL RH - W102853
1 5/8”x25 11/16”x31 1/2” (42x652x800)

(1) RW1 - ROCK WALL ASSEMBLY - W102859
3 3/8”x26”x62 3/8” (86x660x1585)

(1) LD1 - 5’ LADDER ASSEMBLY - W102874
4”x23”x24 5/16” (102x584x1634)
**Parts Identification**

**Hardware**

- **CM** - BOLT WH 5/16x1/2 - H100115
  - (7) TOTAL QTY (6) REQUIRED QTY

- **F** - BOLT WH 5/16x1 - H100008
  - (20) TOTAL QTY (18) REQUIRED QTY

- **H** - BOLT WH 5/16x1 1/2 - H100010
  - (28) TOTAL QTY (26) REQUIRED QTY

- **K** - BOLT WH 5/16x2 - H100012
  - (11) TOTAL QTY (10) REQUIRED QTY

- **L** - BOLT WH 5/16x2 1/4 - H100013
  - (18) TOTAL QTY (16) REQUIRED QTY

- **M** - BOLT WH 5/16x2 1/2 - H100014
  - (93) TOTAL QTY (51) REQUIRED QTY

- **N** - BOLT WH 5/16x2 3/4 - H100015
  - (2) TOTAL QTY (2) REQUIRED QTY

- **P** - BOLT WH 5/16x3 - H100016
  - (6) TOTAL QTY (5) REQUIRED QTY

- **S** - BOLT WH 5/16x3 3/4 - H100019
  - (6) TOTAL QTY (5) REQUIRED QTY

- **QG** - BOLT WH 5/16x6 - H100023
  - (1) TOTAL QTY (1) REQUIRED QTY

- **R** - BOLT WH 5/16x3 1/2 - H100018
  - (4) TOTAL QTY (4) REQUIRED QTY

- **CM** - BOLT WH 5/16x1/2 - H100115
  - (7) TOTAL QTY (6) REQUIRED QTY

- **F** - BOLT WH 5/16x1 - H100008
  - (20) TOTAL QTY (18) REQUIRED QTY

- **H** - BOLT WH 5/16x1 1/2 - H100010
  - (28) TOTAL QTY (26) REQUIRED QTY

- **K** - BOLT WH 5/16x2 - H100012
  - (11) TOTAL QTY (10) REQUIRED QTY

- **L** - BOLT WH 5/16x2 1/4 - H100013
  - (18) TOTAL QTY (16) REQUIRED QTY

- **M** - BOLT WH 5/16x2 1/2 - H100014
  - (93) TOTAL QTY (51) REQUIRED QTY

- **N** - BOLT WH 5/16x2 3/4 - H100015
  - (2) TOTAL QTY (2) REQUIRED QTY

- **P** - BOLT WH 5/16x3 - H100016
  - (6) TOTAL QTY (5) REQUIRED QTY

- **S** - BOLT WH 5/16x3 3/4 - H100019
  - (6) TOTAL QTY (5) REQUIRED QTY

- **QG** - BOLT WH 5/16x6 - H100023
  - (1) TOTAL QTY (1) REQUIRED QTY

- **R** - BOLT WH 5/16x3 1/2 - H100018
  - (4) TOTAL QTY (4) REQUIRED QTY

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  - (4) TOTAL QTY (4) REQUIRED QTY

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  - (4) TOTAL QTY (4) REQUIRED QTY

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  - (4) TOTAL QTY (4) REQUIRED QTY

- **R** - BOLT WH 5/16x3 1/2 - H100018
  - (4) TOTAL QTY (4) REQUIRED QTY

- **R** - BOLT WH 5/16x3 1/2 - H100018
  - (4) TOTAL QTY (4) REQUIRED QTY
# Parts Identification

## Hardware

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<td>AD</td>
<td>Washer Lock Ext 12x19 - H100031</td>
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<td>Washer Split 5/16 - H100095</td>
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<td>CA</td>
<td>Washer Flat 11x25 - H100102</td>
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<td>CF</td>
<td>Washer Lock Int 10x18 - H100107</td>
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<td>Washer Flat 8x27 - H100105</td>
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<td>CE</td>
<td>Washer Flat 9x18 - H100106</td>
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Parts Identification

Hardware

BR - SCREW PFH 8x1 1/8 - H100088
(144) TOTAL QTY (134) REQUIRED QTY

BQ - SCREW PFH 8x1 1/4 - H100087
(45) TOTAL QTY (41) REQUIRED QTY

BP - SCREW PFH 8x1 1/2 - H100086
(69) TOTAL QTY (63) REQUIRED QTY

BS - SCREW PFH 8x1 3/4 - H100089
(37) TOTAL QTY (34) REQUIRED QTY

CK - SCREW PFH 8x2 - H100111
(50) TOTAL QTY (46) REQUIRED QTY

CY - SCREW PWH 8x5/8 - H100128
(7) TOTAL QTY (6) REQUIRED QTY

BC - SCREW PWH 8x3/4 - H100070
(13) TOTAL QTY (12) REQUIRED QTY

KT - BOLT WH 1/4x1 - H100137
(9) TOTAL QTY (8) REQUIRED QTY

KS - NUT BARREL WH 1/4x5/8 - H100136
(9) TOTAL QTY (8) REQUIRED QTY

AJ - BOLT HEX 5/16x1 1/4 - H100042
(4) TOTAL QTY (4) REQUIRED QTY

AN - BOLT HEX 5/16x2-3/4 - H100047
(2) TOTAL QTY (2) REQUIRED QTY

AS - BOLT HEX 5/16x4 1/4 - H100054
(2) TOTAL QTY (2) REQUIRED QTY

AT - BOLT HEX 3/8x5 3/4 - H100056
(13) TOTAL QTY (12) REQUIRED QTY

BG - T-NUT 5/16 - H100074
(33) TOTAL QTY (30) REQUIRED QTY

BF - T-NUT 3/8 - H100073
(13) TOTAL QTY (12) REQUIRED QTY

BE - T-NUT 1/4 - H100072
(26) TOTAL QTY (24) REQUIRED QTY

BL - SCREW TAPPING 14x3/4 - H100083
(9) TOTAL QTY (8) REQUIRED QTY

AZ - BOLT PTH 1/4x1 1/4 - H100062
(26) TOTAL QTY (24) REQUIRED QTY

TV - SCREW PWH 8x1-5/8 - H100181
(39) TOTAL QTY (36) REQUIRED QTY

CJ - NUT LOCK 5/16 - H100110
(4) TOTAL QTY (4) REQUIRED QTY
Parts Identification

Accessories

(Not to Scale)

1. QZ - Triangle Plate 100° 5 Hole - A100294
2. GD - L Bracket 66x66x127 - A100140
3. EV - Climbing Rock - Green - A100064
4. EJ - L Bracket 54x67 - A10053
5. TZ - L Bracket 2.5x38x50x55 - A100340
6. ED - Single Ductile Hanger - A100046 Carabiner
7. EC - Metal Rung 559 - A100045
8. DP - Swing Seat Green - A100027
9. FX - Hand Grip Metal Green 381 c/c - A100118
10. JV - Hand Grip Green 816 c/c - A100134
11. KL - Chain Green 62.25" - A100223 (Swing)
12. DG - Chain Green 38.5" - A100015

(1) QX - Hip ID Tag (Large) with Ages - A100289
(2) SR - "B" Revision Tag - A100315
(1) DG - Chain Green 38.5" - A100015
(8) UC - Ground Stake Rebar Brown - A100342
Parts Identification
Accessories
(NOT TO SCALE)

(1) TRAPEZE - A6P00034

(4) SX - PLASTIC WINDOW 44x412x485 - A100321

TC - SWING BEAM EXTENSION BRACKET-RIGHT - A100326

TB - SWING BEAM EXTENSION BRACKET-LEFT - A100325

(1) QU - SLIDE VF 10 FT - A100287

(2) TK - PLASTIC GABLE - A100331

(3) SW - PLASTIC WINDOW 44x266x329 - A100320
5 FT EXTENDED SWING BEAM WITH GLIDER

STEP 1

ATTACH (2) GD BRACKETS TO A50 SWING BEAM USING (2) 4-1/4” BOLTS, FLAT WASHERS, SPLIT WASHER AND 5/16” LOCK NUT, AS SHOWN.

ATTACH TB AND TC SWING BEAM EXTENSION BRACKETS TO A50 SWING BEAM USING (3) 3” BOLTS AND 7/8” BARREL NUTS, AS SHOWN.
STEP 2

ATTACH G50 GROUND BOARD TO E51 ANGLED SUPPORT BOARDS USING 2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS, AS SHOWN.

ATTACH E51 ANGLED SUPPORT BOARDS TO SP51 SUPPORT USING 6" BOLT, LOCK WASHERS AND 7/8" BARREL NUT, AS SHOWN.

ATTACH E50 BOARD TO SP51 BOARD USING 3-3/4" BOLTS, LOCK WASHERS AND 1-1/2" BARREL NUTS. NEXT, SECURE THE ENDS OF E50 BOARD TO E51 ANGLED SUPPORTS USING 2-1/2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS, AS SHOWN.
STEP 3

INSERT SP51 BOARD INTO TB AND TC BRACKET OPENING AND SECURE USING 3" BOLTS AND 7/8" BARREL NUTS, AS SHOWN.

TIGHTEN ALL BOLTS AT THIS TIME.
STEP 5

ATTACH ED DUCTILE HANGERS TO A50 SWING BEAM USING 3/8x5-3/4" BOLTS, LOCK WASHERS, FLAT WASHERS AND 3/8" T-NUTS, AS SHOWN.
MONKEY BAR ASSEMBLY

STEP 1

YOU WILL BUILD A LEFT AND RIGHT TOP RAIL IN THIS STEP.

AFTER BUILDING LEFT ASSEMBLY AS SHOWN, REPEAT STEPS FOR A RIGHT ASSEMBLY. SEE BELOW FOR ORIENTATION OF RIGHT SIDE TRIANGLE PLATE.

ASSEMBLE WITH HARDWARE AS SHOWN.
STEP 2

ASSEMBLE WITH HARDWARE AS SHOWN.

REPEAT PROCESS FOR OTHER SIDE OF MONKEY BAR ASSEMBLY.

BE SURE TO ORIENTATE E79 RAILS WITH THE PRE-DRILLED HOLES FACEING OUTWARDS FOR RUNG ATTACHMENT.
MONKEY BAR ASSEMBLY

STEP 3

ASSEMBLE AS SHOWN INTO PRE-DRILLED HOLES.
MONKEY BAR ASSEMBLY

STEP 4
ASSEMBLE AS SHOWN.
MONKEY BAR ASSEMBLY

STEP 5
ASSEMBLE WITH HARDWARE AS SHOWN.
STEP 1

LAY B1 AND B2 UPRIGHT POSTS FLAT ON GROUND. USING PILOT HOLE AND THRU HOLE LOCATIONS SHOWN IN VIEWS BELOW, BE SURE TO ORIENT B1 AND B2 POST PROPERLY BEFORE ATTACHING ANY BOARDS TO THE POSTS.
STEP 2

USING A HAMMER INSERT 5/16" T-NUT INTO G6 SUPPORT BOARD.

ATTACH G7 FLOOR SUPPORT TO B1 & B2 UPRIGHT POSTS USING (4) 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS.

ATTACH G6 FLOOR SUPPORT TO B1 & B2 UPRIGHT POSTS USING (4) 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS.

ATTACH K3 ARCHED WALL RAIL TO B1 & B2 UPRIGHT POSTS USING (4) 2-1/4" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS.

ATTACH (1) E81 ANGLE BRACE TO G6 FLOOR SUPPORT USING (1) 2-1/4" BOLT AND LOCK WASHER AND TO B1 UPRIGHT POST USING (1) 2-1/2" LAG SCREW AND LOCK WASHER.

ATTACH (1) E81 ANGLE BRACE TO G6 FLOOR SUPPORT USING (1) 2" BOLT, LOCK WASHER AND 7/8" BARREL NUT AND TO B2 UPRIGHT POST USING (1) 2-1/2" LAG SCREW AND LOCK WASHER, AS SHOWN.
STEP 3

LAY B3 AND B4 UPRIGHT POSTS FLAT ON GROUND. USING PILOT HOLE AND THRU HOLE LOCATIONS SHOWN IN VIEWS BELOW, BE SURE TO ORIENT B3 AND B4 POST PROPERLY BEFORE ATTACHING ANY BOARDS TO THE POSTS.
**NOTE T-NUT LOCATION FOR ORIENTATION DURING ASSEMBLY.**

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**STEP 4**

**USING A HAMMER INSERT 5/16" T-NUT INTO G6 SUPPORT BOARD.**

ATTACH G7 FLOOR SUPPORT TO B3 & B4 UPRIGHT POSTS USING (4) 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS.

ATTACH G6 FLOOR SUPPORT TO B3 & B4 UPRIGHT POSTS USING (2) 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS.

ATTACH (1) E81 ANGLE BRACE TO G6 FLOOR SUPPORT USING (1) 2-1/4" BOLT AND LOCK WASHER AND TO B3 UPRIGHT POST USING (1) 2-1/2" LAG SCREW AND LOCK WASHER.

ATTACH (1) E81 ANGLE BRACE TO G6 FLOOR SUPPORT USING (1) 2" BOLT, LOCK WASHER AND 7/8" BARREL NUT AND TO B4 UPRIGHT POST USING (1) 2-1/2" LAG SCREW AND LOCK WASHER, AS SHOWN.
STEP 5

ATTACH G3 GROUND BOARD TO B2 & B3 UPRIGHT POSTS USING (4) 2-1/2” BOLTS, LOCK WASHERS AND 1-3/4” BARREL NUTS.

ATTACH G5 GROUND BOARD TO B1 & B4 UPRIGHT POSTS USING (4) 2-1/2” BOLTS, LOCK WASHERS AND 1-3/4” BARREL NUTS.

ATTACH G8 CENTER GROUND BOARD TO G3 & G5 GROUND BOARDS USING (4) 2” WOOD SCREWS.

ATTACH G2 FLOOR SUPPORT RAIL TO B1 & B4 UPRIGHT POSTS USING (3) 2-1/2” BOLTS, LOCK WASHERS AND 1-3/4” BARREL NUTS.

ATTACH (1) E81 ANGLE BRACE TO G2 FLOOR SUPPORT RAIL USING (1) 2” BOLT, LOCK WASHER AND 7/8” BARREL NUT AND TO B1 UPRIGHT POST USING 2-1/2” LAG SCREW AND LOCK WASHER.

ATTACH (1) E81 ANGLE BRACE TO G2 FLOOR SUPPORT RAIL USING (1) 2” BOLT, LOCK WASHER AND 7/8” BARREL NUT AND TO B4 UPRIGHT POST USING 2-1/2” LAG SCREW AND LOCK WASHER.

ATTACH G4 FLOOR SUPPORT RAIL TO B2 & B3 UPRIGHT POSTS USING (3) 2-1/2” BOLTS, LOCK WASHERS AND 1-3/4” BARREL NUTS, AS SHOWN.
**STEP 6**

ATTACH (3) H2 FLOOR JOISTS TO G2 & G4 FLOOR SUPPORT RAILS USING (12) 2" WOOD SCREWS, AS SHOWN.
**STEP 7**

ATTACH H4 CENTER UPRIGHT TO G3 GROUND BOARD & G4 FLOOR SUPPORT RAIL USING (3) 1-1/2” BOLTS, LOCK WASHERS, AND 7/8” BARREL NUTS.

ATTACH K4 TOP LEMONADE STAND RAIL TO B3 UPRIGHT POSTS USING (2) 2” LAG SCREWS AND LOCK WASHERS AND H4 CENTER UPRIGHT USING (2) 1” BOLTS, LOCK WASHERS AND 7/8” BARREL NUTS.

ATTACH WP9 LEMONADE STAND WALL PANEL TO B3 UPRIGHT POSTS USING (4) 2” LAG SCREWS AND LOCK WASHERS AND H4 CENTER UPRIGHT USING (4) 1” BOLTS, LOCK WASHERS AND 7/8” BARREL NUTS.

ATTACH M3 LEMONADE STAND WALL BOARD TO G3 GROUND BOARD AND K4 TOP LEMONADE STAND RAIL USING (8) 1-1/8” WOOD SCREWS, AS SHOWN.

**NOTE THAT THESE TWO HOLES ARE LOCATED CLOSER TO THE TOP OF THE WP9 PANEL.**
**STEP 8**

ATTACH WP5 PICKET FENCE TO B3 & B4 UPRIGHT POSTS USING (4) 2" LAG SCREWS AND LOCK WASHERS, AS SHOWN.

**STEP 9**

ATTACH WP3 PICKET FENCE TO B1 & B4 UPRIGHT POSTS USING (4) 2" LAG SCREWS AND LOCK WASHERS, AS SHOWN.
STEP 10

LAY B6 AND B8 UPRIGHT POSTS FLAT ON GROUND. USING PILOT HOLE AND THRU HOLE LOCATIONS SHOWN IN VIEWS BELOW, BE SURE TO ORIENT B6 AND B8 POST PROPERLY BEFORE ATTACHING ANY BOARDS TO THE POSTS.
USING A HAMMER, INSERT (3) 5/16" T-NUTS INTO BOTH B5 AND B7 UPRIGHT POSTS, AS SHOWN.

STEP 11

ATTACH B5 UPRIGHT POST TO G2 & G6 FLOOR SUPPORTS USING (2) 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS, AS SHOWN.

ATTACH B7 UPRIGHT POST TO G4 & G6 FLOOR SUPPORTS USING (2) 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS, AS SHOWN.

ATTACH B6 UPRIGHT POST TO G2 FLOOR SUPPORT RAIL USING 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS, AS SHOWN.

ATTACH B8 UPRIGHT POST TO G4 FLOOR SUPPORT RAIL USING 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS, AS SHOWN.

MAKE SURE THE T-NUTS INSTALLED IN B5 AND B7 UPRIGHT POSTS ARE FACING TOWARD THE FRONT OF THE FORT.
STEP 12

ATTACH (2) FP1 FLOOR PANELS TO G6 FLOOR SUPPORTS USING (32) 1-1/2” WOOD SCREWS, AS SHOWN.

ATTACH (2) Y1 OUTER FLOOR BOARDS TO G2 & G4 FLOOR SUPPORTS USING (6) 1-1/2” WOOD SCREWS, AS SHOWN.

ATTACH (2) Y2 OUTER FLOOR BOARDS TO G2 & G4 FLOOR SUPPORTS USING (6) 1-1/2” WOOD SCREWS, AS SHOWN.

STEP 13

ATTACH (2) FP1 FLOOR PANEL CLEATS TO H2 FLOOR JOISTS USING (12) 2” WOOD SCREWS, AS SHOWN.
**STEP 14**

ATTACH F1 & F2 PORCH UPRIGHTS TO K3 ARCHED WALL RAIL USING (2) 1-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS, AS SHOWN.

ATTACH (3) TZ L BRACKETS TO F1 & F2 PORCH UPRIGHTS AND FP1 FLOOR PANEL USING (6) 3/4" TAPPING SCREWS, AS SHOWN.

MAKE SURE THE PORCH UPRIGHTS ARE PLUMB AND SQUARE BEFORE TIGHTENING HARDWARE.

**STEP 15**

USING A HAMMER INSERT (4) 5/16" T-NUTS INTO G1 SWINGBEAM RAIL, AS SHOWN.

ATTACH H6 WALL RAIL AND G1 SWINGBEAM RAIL TO B5 & B6 POST UPRIGHTS USING (8) 2-1/2" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS, AS SHOWN.

ATTACH K2 WALL RAIL TO B5, B6 AND B1 POST UPRIGHTS USING (6) 2-1/4" BOLTS, LOCK WASHERS AND 1-3/4" BARREL NUTS, AS SHOWN.

ATTACH M1 WALL RAIL TO B5, B6 AND B1 POST UPRIGHTS USING (6) 2" LAG SCREWS AND LOCK WASHERS, AS SHOWN.
**STEP 16**

**USING A HAMMER INSERT** (2) 5/16” T-NUTS INTO H3 WALL BOARD, AS SHOWN.

**ATTACH H3 WALL BOARD TO B6 & B8 POST UPRIGHTS USING** 2-1/2” BOLT, LOCK WASHERS AND 1-3/4” BARREL NUT INTO B6 AND 3 3/4” BOLT AND LOCK WASHER INTO B8, AS SHOWN.

**ATTACH H1 TOP WALL RAIL TO B6 AND B8 POST UPRIGHTS USING** (2) 2-1/2” BOLTS, LOCK WASHERS AND 1-3/4” BARREL NUTS, AS SHOWN.

**NOTE THIS HOLE LOCATION FOR ORIENTATION DURING ASSEMBLY.**

H1 - TOP WALL RAIL - W102791
1”x3 3/8”x64 7/8” (24x86x1647)

H3 - WALL BOARD - W102790
1”x3 3/8”x60 1/2” (24x86x1537)

K1 - ARCHED WALL RAIL - W102708
5/8”x5 1/4”x76” (16x134x1930)

H6 - WALL RAIL - W102707
1”x3 3/8”x46 7/8” (24x86x1191)

M2 - WALL RAIL - W102706
5/8”x3 3/8”x46 7/8” (16x86x1191)

**NUT BARREL 5/16x1 3/4** (3)

**BOLT WH 5/16x2 1/2** (3)

**WASHER LOCK EXT 8x19** (4)

**BOLT WH 5/16x3 3/4** (1)

**WASHER LOCK EXT 12x19** (2)

**T-NUT 5/16** (4)

**STEP 17**

**USING A HAMMER INSERT** (4) 5/16” T-NUTS INTO K1 ARCHED WALL RAIL, AS SHOWN.

**ATTACH M2 WALL RAIL TO B7 AND B8 POST UPRIGHTS USING** (4) 2” LAG SCREWS AND LOCK WASHERS, AS SHOWN.

**ATTACH K1 ARCHED WALL RAIL TO B7 AND B8 POST UPRIGHTS USING** (4) 2-1/4” BOLTS, LOCK WASHERS AND 1-3/4” BARREL NUTS AND TO B2 POST UPRIGHT USING (2) 2” LAG SCREWS AND LOCK WASHERS, AS SHOWN.

**ATTACH H6 WALL RAIL TO B7 AND B8 POST UPRIGHTS USING** (4) 2-1/2” BOLTS, LOCK WASHERS AND 1-3/4” BARREL NUTS, AS SHOWN.
STEP 18

ATTACH WP4 WALL PANEL TO B7 POST UPRIGHT USING 3-3/4" BOLT AND LOCK WASHER FOR TOP CONNECTION AND (2) 3-1/2" BOLTS AND LOCK WASHERS FOR BOTTOM CONNECTION AND TO B5 POST UPRIGHT USING 3-3/4" BOLT AND LOCK WASHER FOR TOP CONNECTION AND (2) 3-1/2" BOLTS AND LOCK WASHERS FOR BOTTOM CONNECTION, AS SHOWN.

ATTACH WP10 WALL PANEL TO B7 POST UPRIGHT USING 2" LAG SCREW AND LOCK WASHER AND TO FP1 FLOOR PANEL USING TZ L BRACKET, 1" BOLT, LOCK WASHER, 7/8" BARREL NUT, AS SHOWN.

ATTACH TZ L BRACKET TO FP1 FLOOR PANEL USING 3/4" TAPPING SCREW AND FLAT WASHER, AS SHOWN.

ATTACH WP4 WALL PANEL TO WP10 WALL PANEL USING 1" BOLT, LOCK WASHERS AND 5/8" BARREL NUT, AS SHOWN.

ATTACH WP4 WALL PANEL TO WP10 WALL PANEL USING (6) 1-1/8" WOOD SCREWS, AS SHOWN.
STEP 19

ATTACH WP8 WALL PANEL TO THE BOTTOM OF B6 POST UPRIGHT USING 2" LAG SCREW AND LOCK WASHER (FIG. 1). NEXT, ATTACH WP8 WALL PANEL TO FP1 FLOOR PANEL USING TZ L BRACKET, 1" BOLT, LOCK WASHER AND 7/8" BARREL NUT INTO WP8 PANEL AND 3/4" TAPPING SCREW AND FLAT WASHER INTO FP1 FLOOR PANEL, AS SHOWN IN (FIG. 2).

ATTACH WP8 WALL PANEL TO H3 WALL BOARD USING (12) 1-1/8" WOOD SCREWS, 1-1/2" BOLT AND LOCK WASHER, AS SHOWN (FIG. 3).
**STEP 20**

ATTACH WP2 WALL PANEL TO M1 AND H6 WALL RAILS AND K2 SUPPORT USING (52) 1-1/8" WOOD SCREWS, AS SHOWN.

**STEP 21**

ATTACH WP1 WALL PANEL TO M2 AND H6 WALL RAILS USING (32) 1-1/8" WOOD SCREWS, AS SHOWN.
STEP 22

ATTACH (2) SX PLASTIC WINDOWS TO WP4 WALL PANEL USING (12) 1-5/8" PWH SCREWS, AS SHOWN.

STEP 23

ATTACH (2) SW PLASTIC WINDOWS TO WP2 WALL PANEL USING (8) 1-5/8" PWH SCREWS, AS SHOWN.
STEP 24

ATTACH SW PLASTIC WINDOW TO WP8 WALL PANEL USING (4) 1-5/8” PWH SCREWS, AS SHOWN.

STEP 25

ATTACH (2) SX PLASTIC WINDOWS TO WP1 WALL PANEL USING (12) 1-5/8” PWH SCREWS, AS SHOWN.
STEP 26

ATTACH (2) H5 RAFTERS TO H1 TOP WALL RAIL USING (2) 1-1/2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS, AS SHOWN.

STEP 27

ATTACH WP7 FRONT GABLE WALL PANEL TO (2) H5 RAFTERS USING (16) 1-1/4" WOOD SCREWS, AS SHOWN.

ATTACH O3 FRONT WINDOW CLEAT TO WP7 FRONT GABLE PANEL USING (3) 1-1/8" WOOD SCREWS, AS SHOWN.
STEP 28

ATTACH TK PLASTIC GABLE TO (2) H5 RAFTERS USING (6) 3/4” PWH SCREWS, AS SHOWN.

STEP 29

ATTACH (2) H5 RAFTER TO WP4 WALL PANEL USING (2) 1-1/2" BOLTS, LOCK WASHERS, AND 7/8" BARREL NUTS, AS SHOWN.

ATTACH WP6 BACK GABLE WALL PANEL TO (2) H5 RAFTERS USING (16) 1-1/4” WOOD SCREWS, AS SHOWN.

CENTER O2 REAR WINDOW CLEAT ALONG TOP EDGE OF WP6 BACK GABLE WALL PANEL AND ATTACH USING (3) 1-1/8” WOOD SCREWS, AS SHOWN. TOP EDGES OF O2 AND WP6 TO BE FLUSH.
STEP 30

ATTACH TK PLASTIC GABLE TO (2) H5 RAFTERS USING (6) 3/4" PWH SCREWS, AS SHOWN.

STEP 31

ATTACH (2) RP1 PEAK ROOF PANELS THROUGH H5 RAFTERS AND INTO CLEATS OF RP1 PANELS USING (8) 1-3/4" WOOD SCREWS, AS SHOWN. MAKE SURE THE PANELS ARE FLUSH AT THE PEAK TO MINIMIZE PEAK ROOF GAP.
**STEP 32**

**ATTACH N1 ROOF CAP BOARD TO O1 ROOF CAP BOARD USING (3) 1-1/4” WOOD SCREWS, AS SHOWN.**

**ATTACH ROOF CAP ASSEMBLY TO (2) RP1 PEAK ROOF PANELS USING (6) 1-1/4” WOOD SCREWS, AS SHOWN.**

**STEP 33**

**SLIDE RP2 ROOF PANELS UP AND UNDER THE LAST SHINGLE OF RP1 PEAK ROOF PANELS AND ATTACH (2) RP2 ROOF PANELS THROUGH H5 RAFTERS AND INTO CLEATS OF RP2 PANELS USING (12) 1-3/4” WOOD SCREWS, AS SHOWN.**
STEP 34

ATTACH (4) M4 PICKETS TO M1 & K2 WALL RAILS USING (16) 1-1/8" WOOD SCREWS, AS SHOWN.

M1

STEP 35

ATTACH (2) H7 REAR PORCH RAFTERS TO WP7 FRONT GABLE WALL PANEL USING (2) 1" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS IN THE UPPER HOLES AND (2) 1-1/2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS IN THE LOWER HOLES, AS SHOWN.
STEP 36

ATTACH WP11 PORCH GABLE ASSEMBLY TO F1 & F2 PORCH UPRIGHTS USING (2) 1-3/4" WOOD SCREWS, 2-3/4" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS, AS SHOWN.

STEP 37

ATTACH RP3 AND RP4 PORCH ROOF PANELS TO H7 REAR PORCH RAFTERS AND WP7 FRONT GABLE WALL PANEL USING (12) 1-3/4" WOOD SCREWS, AS SHOWN.
**STEP 38**

ATTACH (2) FP2 SHELF SUPPORTS TO WP9 LEMONADE STAND WALL PANEL USING (2) 1-1/2” WOOD SCREWS. NEXT, ATTACH SP1 SHELF PANEL TO THE TOP EDGE OF WP9 LEMONADE STAND WALL PANEL AND FP2 SHELF SUPPORTS USING (7) 1-1/2” WOOD SCREWS, AS SHOWN.

**STEP 39**

ATTACH (2) G13 SAND BOX SEATS TO G3, G5 AND G7 GROUND BOARDS USING (8) 2” WOOD SCREWS, AS SHOWN.
STEP 40

ATTACH (2) FX METAL HAND GRIPS TO B1 UPRIGHT POST AND F2 RIGHT PORCH UPRIGHT USING (4) 1-1/2" LAG SCREWS, AS SHOWN.

STEP 41

ATTACH FX METAL HAND GRIP TO B5 UPRIGHT POST USING (2) 1-1/2" LAG SCREWS. ATTACH FX METAL HAND GRIP TO WP10 WALL PANEL USING (2) 1/2" BOLTS, LOCK WASHERS AND 5/8" BARREL NUTS, AS SHOWN.
STEP 42

ATTACH M97 ATTACHMENT BOARD TO LD1 4' LADDER ASSEMBLY UPRIGHTS USING (4) 2" WOOD SCREWS. USING THE ATTACHMENT BOARD DRILLING AS A TEMPLATE, PILOT DRILL 3/8" HOLES INTO G6 FLOOR SUPPORT CENTERED IN OPENING. ATTACH LD1 LADDER ASSEMBLY TO G6 FLOOR SUPPORT USING (2) 1" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS, AS SHOWN (FIG. 1).

ATTACH (2) JV METAL HAND GRIPS TO LD1 UPRIGHTS USING (4) 1-1/2" LAG SCREWS, AS SHOWN (FIG. 2).
STEP 43

ATTACH MONKEY BAR ASSEMBLY TO K1 ARCHED WALL RAIL USING (4) EJ L BRACKETS AND 1/2" BOLTS INTO PREVIOUSLY INSTALLED T-NUTS, AS SHOWN.
**STEP 44**

USING DIMENSIONS SHOWN, DRILL 2 HOLES IN O70 SLIDE MOUNTING BOARD USING 1/8" DRILL BIT (FIG. 1).

ATTACH O70 SLIDE MOUNTING BOARD TO FP1 FLOOR PANELS USING 1-1/8" WOOD SCREWS. REFER TO DIMENSIONS IN FIG. 2 FOR PROPER PLACEMENT.

**STEP 45**

PLACE QU SLIDE OVER O70 MOUNTING BOARD AND CENTER IN OPENING. USING HOLES IN QU SLIDE AS A TEMPLATE, DRILL HOLES IN FP1 FLOOR PANELS USING 3/8" DRILL BIT. ATTACH SLIDE TO FP1 FLOOR PANELS USING 1" BOLTS, LOCK WASHERS AND 5/8" BARREL NUTS.
STEP 46

ATTACH EV GREEN CLIMBING ROCKS TO RWI ROCK WALL BOARDS USING (24) 1” PTH BOLTS, LOCK WASHERS AND 1/4” T-NUTS, AS SHOWN.

USING THE M96 BOARD AS A TEMPLATE, LOCATE AND DRILL 3/8” HOLES ON G6 FLOOR SUPPORT, CENTERED IN ROCK WALL OPENING. ATTACH M96 BOARD TO RW1 ROCK WALL ASSEMBLY UPRIGHTS USING (4) 1-1/2” WOOD SCREWS. ATTACH RW1 ROCK WALL ASSEMBLY TO H1 FLOOR SUPPORT USING (2) 1” BOLTS, LOCK WASHERS AND 7/8” BARREL NUTS, AS SHOWN.

REPEAT PROCESS IN 12 PLACES
STEP 47

ATTACH SWING BEAM ASSEMBLY TO 5/16” T-NUTS FOUND IN G1 SWINGBEAM RAIL USING (2) GD L BRACKETS AND (4) FLAT WASHERS, SPLIT WASHERS AND 1-1/4” HEX BOLTS, AS SHOWN.

ATTACH QX ID PLATE TO A50 SWING BEAM USING (4) 5/8” PWH SCREWS, AS SHOWN.

ATTACH SR REVISION TAG TO SP50 SWING BEAM SUPPORT USING (2) 5/8” PWH SCREWS, AS SHOWN.
STEP 48

ATTACH KL SWING SWEAT TO (2) EF CHAINS USING (2) FA QUICK LINKS AS SHOWN (FIG 1). REPEAT PROCESS TO ASSEMBLE SECOND SWING ASSEMBLY. NOW ATTACH EF CHAINS TO SWING HANGER SNAP LINKS ALREADY ASSEMBLED TO THE SWING BEAM (FIG 2).

ATTACH TRAPEZE TO (2) DG CHAINS USING (2) QUICK LINKS AS SHOWN (FIG. 3). NOW ATTACH DG CHAINS TO SWING HANGER SNAP LINKS ALREADY ASSEMBLED TO THE SWING BEAM (FIG 2).
Anchoring Instructions

FINAL STEP
DOUBLE CHECK EVERY BOLT, SCREW AND NUT FOR TIGHTNESS. MAKE SURE EVERY BOARD IS SECURE AND MAKE SURE THE PLAY SET IS LEVEL.
ENJOY YOUR NEW PLAY SET!

NOTE:
FAILURE TO USE GROUND STAKES CAN VOID WARRANTY & CAUSE INJURY!

STEP 49
STAKE A:
HAMMER STAKES INTO GROUND AGAINST BOARDS WHERE SHOWN. ATTACH TO GROUND BOARD USING 1" BOLTS, WASHERS AND 5/8" BARREL NUTS.

STAKE A

STAKE A