# Treehouse Add On Kit



Note: Plastic Sunburst and Flags shown come with your playset. These items are not included with the 1525 kit.

Model: 1525

(BOXES: 1525 wood box, 1525 Hardware box & 2 Windows REV: 11.12.2015

### \*\*\*IMPORTANT NOTICE FOR TREEHOUSE KIT PLAYSETS\*\*\*

Read all instructions thoroughly before beginning construction, this is very important. The "Treehouse Add On Kit" (1525) box will require you to deviate slightly from the standard kit instructions.

#### Typical deviations include:

- 1) The Telescope that is usually on the front of the set on the Front face board (arched board) must be moved to another location on the set. Additional instructions to mount the Telescope to a 2 x 4 or a 4 x 4 are included in the play set Appendix or with the "Treehouse Add On Kit" manual. Mount the Telescope along the top of any of the railings that do not interfere with any areas that are activity openings.
- 2) The Roof Peak Support Triangle will need to be removed from the inside of the Roof Supports located on the front of the play set. The Plastic Sunburst should be left off the <u>front</u> of the play set. The "Treehouse Add On Kit" will be added to the front of the play set.
- 3) Flag Kits which normally reside on the front of the front corner posts at the top should be relocated to the front slats on the "Treehouse Add On Kit"

#### **Wood/Accessory and Hardware Lists:**

These lists for the "Treehouse Add On Kit" are in the Appendix at the end of your play set instruction manual or they are included with this sheet.

#### Steps to complete the "Treehouse Add On Kit":

The instruction steps for the "Treehouse Add On Kit" are in the Appendix at the end of your play set instruction manual or they are included with this sheet.

#### If you are adding the "Treehouse Add On Kit" to a playset that is already built:

It will be necessary to remove the Flags and Plastic Sunburst from the <u>front</u> side of your playset wood roof. Then remove the 5/4 x 10" Roof Peak Support triangle from the inside of the front Roof Supports. Keep these pieces and hardware since most will be reused during the construction process.

Fill in the holes in the corner posts from the Flags with clear silicone (not included). If you wish to fill the holes with a fastener then use #8 x 1" countersunk head screws with silicone in each hole. You will need to purchase these screws at your local home center if you choose this option.

Fill any small holes in the Roof Supports leftover from removing the Plastic Sunburst with wood filler. Use a stainable wood filler suitable for outdoor use. Then stain the wood filled spots with a suitable matching color of stain.

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# PLEASE READ OWNER'S MANUAL CAREFULLY BEFORE STARTING ASSEMBLY!

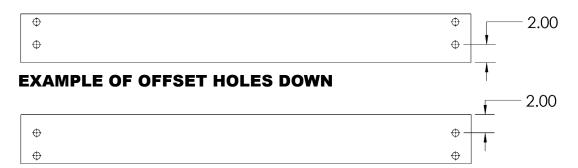
### General Info to Review Before Installation

- Depending on your experience, assembly of the playset can take as little as 6 hours up to 24 hours, depending on size, after inventory of parts; therefore, we recommend you set aside a full two days for assembly.
- Identify all of the parts for your play set. Empty each box and lay out boards so you can see each part. Your instruction book will have detailed drawings that will make it easy for you to recognize individual parts. Keep all hardware and metal parts separate from wooden pieces.
- After everything is laid out, check carefully to ensure all parts are present. Make sure there are no broken boards.
- Find an area to sort your hardware. It is best to open the hardware on a solid surface so that you do not lose any pieces in the grass. This will save time and familiarize you with all the different pieces in the hardware bag.
- Important note: Wood has some natural defects such as knots, surface cracks, etc... We reject parts that are structurally defective. We use a high quality lumber in our structures; however, you should inspect each part for splinters or rough spots and sand them smooth to prevent injury.
- After familiarizing yourself with all of the components, read all instructions thoroughly. Reading instructions after you have studied the parts will help you understand the installation process, and help to eliminate unnecessary mistakes.
- Pay close attention to the diameter and length of each bolt and screw.
- Never tighten hardware completely at first. It helps to have some adjustment for bolt alignment while you are attaching parts together. After everything is square, tighten each joint.
- After you complete installation, make sure every bolt, screw, and nut is tight, and every board is secure. Wood will expand and contract with the seasons.

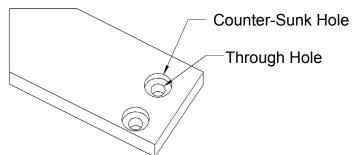
This page is a list of definitions and explanations used throughout our instructions to aid you in the assembly of your play set.

**Offset Holes**- Throughout the installation procedures we will refer to parts with offset holes. This refers to the orientation of the holes on the board. An offset hole is one that is closer to one side than it is the other or in other words, it is not centered on the board. In the procedures you will be instructed to attach the boards with the holes offset up or with the holes offset down. This refers to which side of the board the hole/holes should be closer to. Offset holes up= hole/holes will be closer to the top of the board. Offset holes down= hole/holes will be closer to the bottom of the board. Note: some parts do not have offset holes, but instead the holes are on center. Therefore there will not be any reference on how to offset these parts.

### **EXAMPLE OF OFFSET HOLES UP**



**Counter-sunk holes** - Many of the parts that will be used have counter-sunk holes. A counter-sunk hole is one that surrounds one side of a through hole, but does not extend through the wood it's self. When using a counter-sunk hole the bolt will be inserted through the through hole and either the head of the bolt and washer or nut and washer will occupy the counter sunk hole.



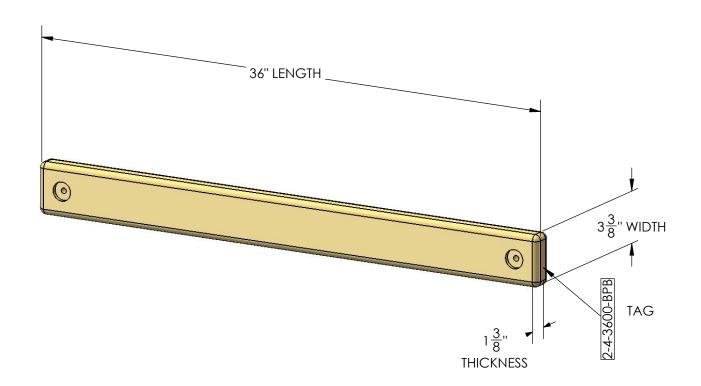
**Lag Screws**- Lag screws are used in the construction of our play sets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be advantageous to pre-drill a hole first. Instructions for this are provided on a separate page in the front of the manual. Be sure to tighten the lags completely when driving them in by hand. Power tools such as a heavy duty impact driver or large power drill should have enough torque to drive in the lag screws, but make sure not to over tighten as this can cause the threads to "strip out" in the post.

# **BOARD IDENTIFICATION**

- 1. On the end of each board there should be a small white tag that is stapled or stuck into place. Remove the staples and/or tag after the board is installed.
- 2. This white identification tag displays the thickness, width, length and an abbreviated description of the part.

### Example: a tag reads "2-4-3600-BPB"

- The 2 is the thickness of the board. "Nominal Lumber" at a home center will measure 1-1/2" for the thickness. We "remill" that lumber to 1-3/8" thick.
- The 4 is the width of the board. "Nominal Lumber" at a home center will measure 3-1/2" for the width. We "remill" that lumber to 3-3/8" wide.
  - Note: sometimes the width will be smaller than 3-3/8" because: A) We need the width of the part to fit into a certain area of the play set.
  - B) We need the designation to be simple.
- The 3600 is the length of the board. It means the board is 36 inches long. If the code were 3625 then the board is 36-1/4" in length.
- The "BPB" abbreviation stands for "Bottom Panel Board". The wood part bill of materials in the instructions has a description which will match the abbreviation closely.
- In the event that there is no tag on a wood part measure the part then:
   A)Use the measurements and compare them to the wood list at the front of the instructions to identify it.
  - B)Look at the holes on the wood part and compare them to the pictures in the wood list.
  - C)Look to see if the holes are centered or if they are offset up or offset down. This should help you identify any parts that have missing tags. In the event that you cannot identify a board please email us for assistance.



# PRE-DRILL LAG SCREW DIRECTIONS

Pre-drilling holes for lag screws will make it easier to drive the screws in by hand. "Jobber" length drill bits are available in sizes that are longer than standard drill bits and those are ideal for the job. When using the drill bit you will have to "spot" drill the post and then remove the board you are attaching to finish drilling the hole.

Pay attention to the DIAMETER of the lag screw you are installing. Your playset may come with two different diameter lag screws. Each diameter will require a different size drill bit. When installing lag screws **DO NOT OVERTIGHTEN**.

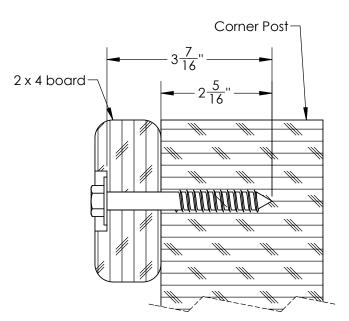
LAG SCREW DIAMETER	DRILL BIT SIZE
5/16" DIAMETER	9/64"
3/8" DIAMETER	11/64"

#### Example: 3/8" diameter x 3-1/2" lag screw

This would be like the  $2 \times 4$  board installation shown below. Place the board into position. Spot Drill through the holes in the  $2 \times 4$  board into the corner posts with an 11/64" drill bit. Remove the  $2 \times 4$  board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the  $2 \times 4$  board.

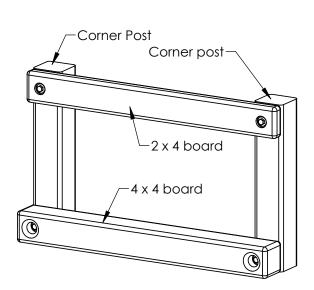
#### Example 5/16" diameter x 3-1/2" lag screw

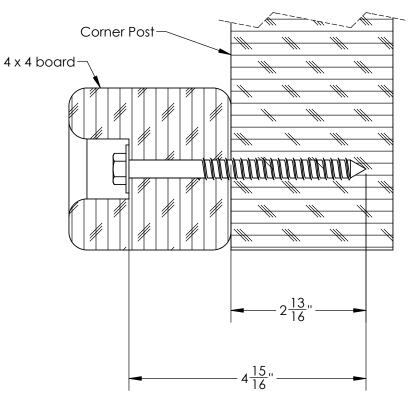
This would be like the  $2 \times 4$  board installation shown below. Place the board into position. Spot Drill through the holes in the  $2 \times 4$  board into the corner posts with an 9/64" drill bit. Remove the  $2 \times 4$  board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the  $2 \times 4$  board.



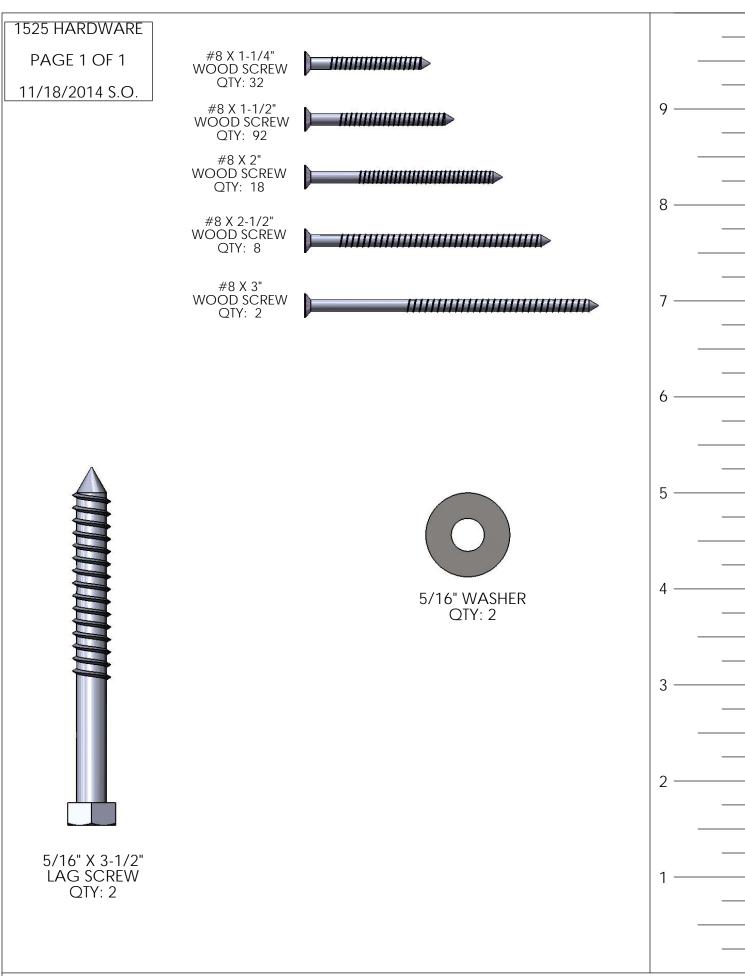
#### Example 3/8" diameter x 5" lag screw

This would be like the  $4 \times 4$  board installation shown below. Place the board into position. Spot drill through the holes in the  $4 \times 4$  board into the corner posts with an 11/64" drill bit. Remove the  $4 \times 4$  board. Continue to drill the holes to a total depth of 2-13/16" as shown at the right. Install the  $4 \times 4$  board.





REQUIRED TOOL LIST:
Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)  Drill Bits 1/8", 3/8", 9/64"  1/2" Wrench and Socket  1/2" Deep Well Socket  Level  Tape Measure  Extension Cord (if using standard drill)  Hammer  Pencil
KIT CONTENTS
Swings, Slides, Accessories: (Qty ) Description (2) Plastic Windows
Hardware: see following pages
Wood Components: see following pages



USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

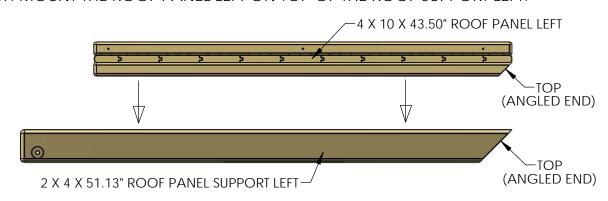
PICTURE	DESCRIPTION	QTY.
	1 X 2 X 9.88" WALL PANEL BOARD <b>1-2-0988-WPB</b>	3
	1 X 4 X 10.00" WALL PANEL BOARD <b>1-4-1000-WPB</b>	2
	1 X 3 X 11.50" WINDOW TOP/BOTTOM <b>1-3-1150-WTB</b>	4
	1 X 4 X 20.25" WALL PANEL BOARD <b>1-4-2025-WPB</b>	1
	1 X 4 X 20.50" WALL PANEL BOARD <b>1-4-2050-WPB</b>	2
	1 X 4 X 21.75" WALL PANEL BOARD <b>1-4-2175-WPB</b>	2
	1 X 3 X 14.06" WALL PANEL BOARD 1-3-1406-WPB	2

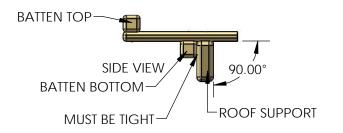
PICTURE	DESCRIPTION	QTY.
	1 X 4 X 18.25" Wall Panel Board <b>1-4-1825-WPB</b>	2
	1 X 5 X 6.88" ROOF PEAK <b>1-5-0688-RP</b>	1
	2 X 3 X 35.70" SUN SUPPORT <b>2-3-3570-SS</b>	1
	2 X 4 X 51.13" ROOF SUPPORT LEFT <b>2-4-5113-RSL</b>	1
	2 X 4 X 51.13" ROOF SUPPORT RIGHT <b>2-4-5113-RSR</b>	1

PICTURE	DESCRIPTION	QTY.
	4 X 10 X 43.50" ROOF PANEL LEFT ASSEMBLY <b>4-10-4350-RPLA</b>	1
	4 X 10 X 43.50" ROOF PANEL RIGHT ASSEMBLY <b>4-10-4350-RPRA</b>	1
	WINDOW PANEL <b>07-0013</b>	2
1525 HARDWARE BOX	HARDWARE BOX	1

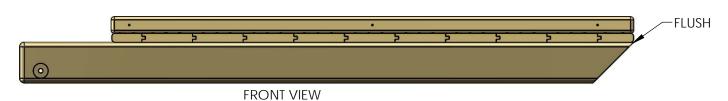
### STEP 1: ASSEMBLING THE ROOF PANELS

1: FIND THE 2 X 4 X 51.13" ROOF SUPPORT LEFT AND THE 4 X 10 X 43.50" ROOF PANEL LEFT ASSEMBLY. MOUNT THE ROOF PANEL LEFT ON TOP OF THE ROOF SUPPORT LEFT.

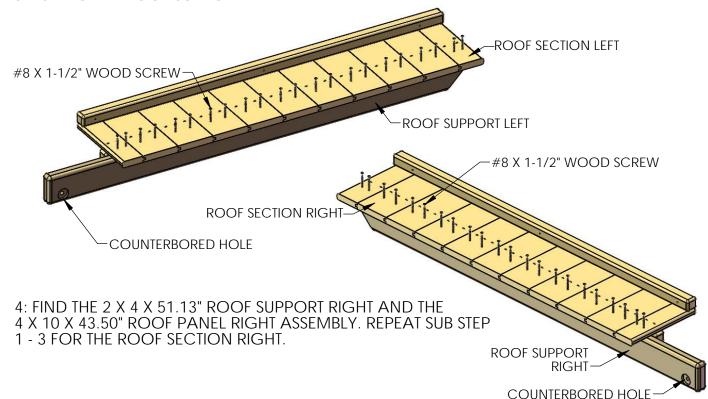




2: MAKE SURE THE ANGLED ENDS ARE FLUSH, AND THE BATTEN BOTTOM IS TIGHT AGAINST THE INSIDE FACE OF THE ROOF SUPPORT.



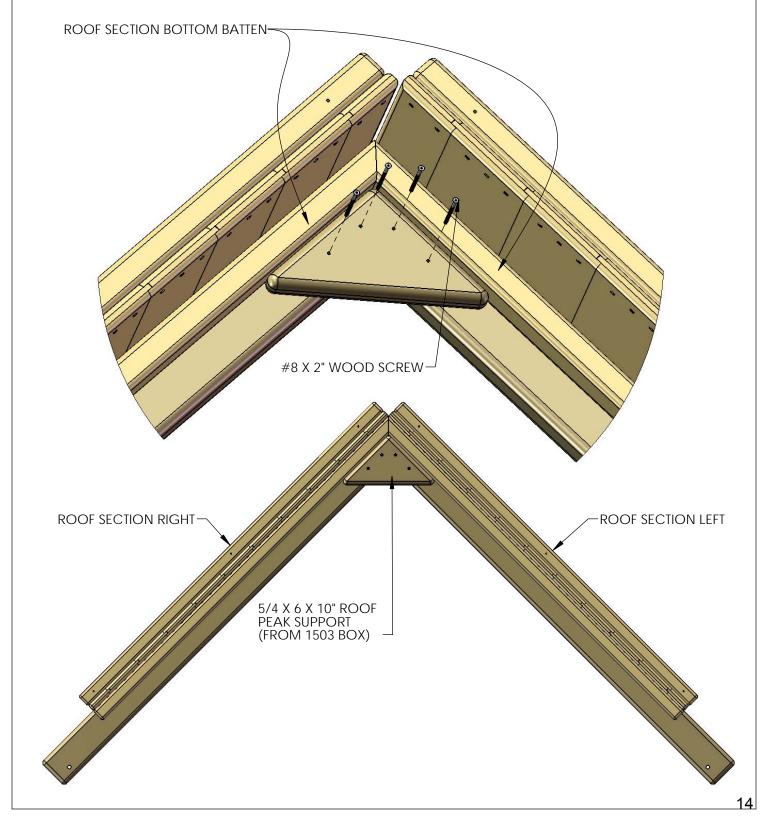
3: ATTACH USING #8 X 1-1/2" WOOD SCREWS THROUGH THE PRE-DRILLED HOLES INTO THE ROOF SUPPORT.



### STEP 2: ROOF PEAK SUPPORT

1:FIND ONE 5/4 X 6 X 10" ROOF PEAK SUPPORT FROM THE 1503 BOX. LAY THE ROOF SECTION LEFT AND THE ROOF SECTION RIGHT ON A FLAT SURFACE. ALIGN THE ANGLED ENDS FLUSH WITH ONE ANOTHER.

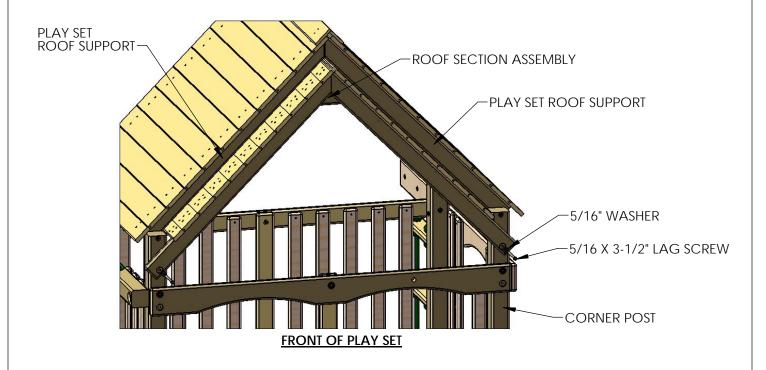
2: PLACE THE ROOF PEAK SUPPORT ON TOP OF THE ROOF SUPPORTS, MAKE SURE THE ROOF PEAK SUPPORT TOP EDGES ARE FLUSH AGAINST THE BOTTOM FACE OF THE ROOF SECTION BOTTOM BATTEN. FASTEN USING FOUR #8 X 2" WOOD SCREWS THROUGH THE PRE DRILLED HOLES INTO THE ROOF SUPPORTS.



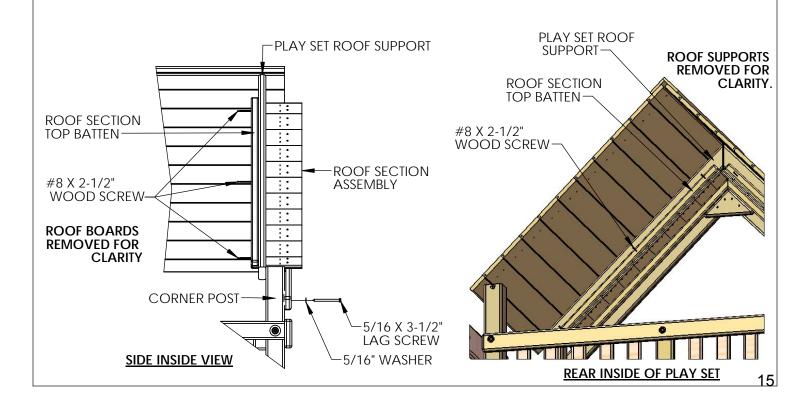
### STEP 3: MOUNTING ROOF SECTIONS TO PLAY SET

1: MOUNT THE ROOF SECTION ASSEMBLY TO THE FRONT OF THE PLAY SET. SLIDE THE ROOF SECTION UNTIL IT IS FLUSH UP AGAINST THE BOTTOM OF THE PLAY SET ROOF SUPPORTS, MAKE SURE THERE ARE NO GAPS IN BETWEEN.

2: SECURE THE ROOF SECTION TO THE CORNER POSTS USING TWO 5/16 X 3-1/2" LAG SCREWS AND 5/16" WASHER THROUGH THE COUNTER SUNK HOLES LOCATED ON THE BOTTOM ENDS OF THE ROOF SECTION ASSEMBLY ROOF SUPPORTS.

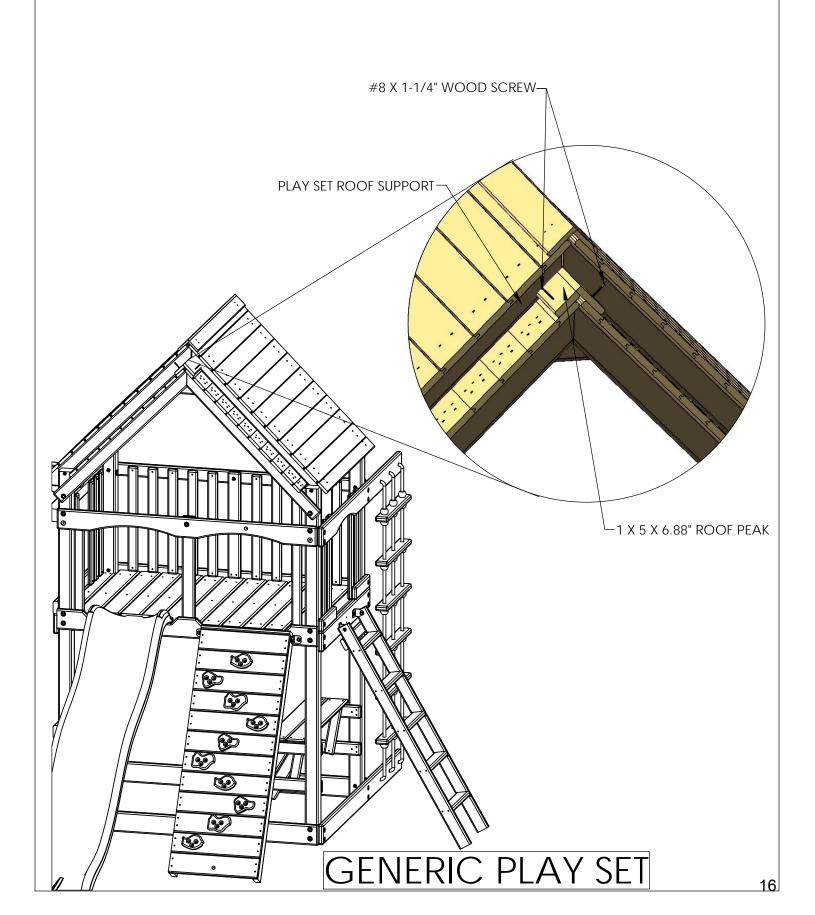


3: FASTEN THE ROOF SECTION TO THE PLAY SET ROOF SUPPORTS USING SIX #8 X 2-1/2" WOOD SCREWS THROUGH THE TOP BATTEN PRE-DRILLED HOLES.



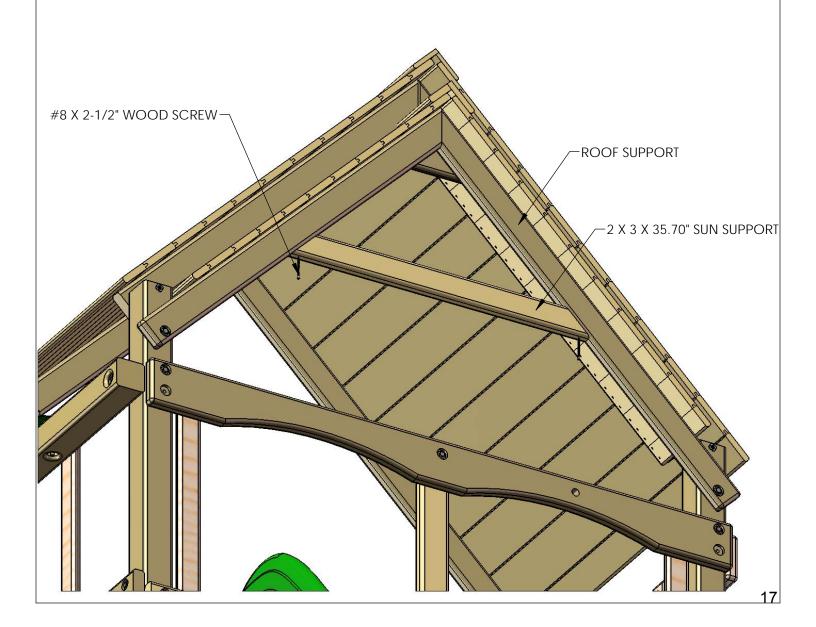
# STEP 4: ROOF PEAK

1: MOUNT THE 1 X 5 X 6.88" ROOF PEAK ON TOP OF THE ROOF SECTION ASSEMBLY, FLUSH WITH THE PLAY SET ROOF SUPPORTS. FASTEN USING TWO #8 X 1-1/4" WOOD SCREWS.



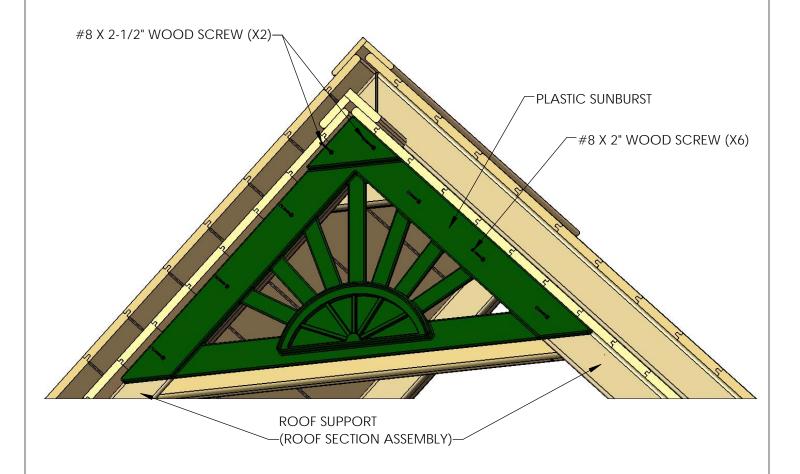
# **STEP 5: SUN SUPPORT**

1: PLACE THE 2 X 3 X 35.70" SUN SUPPORT IN BETWEEN THE ROOF SUPPORTS. FASTEN USING #8 X 2-1/2" WOOD SCREWS THROUGH THE PRE-DRILLED HOLES ON EACH END, MAKE SURE THERE ARE NO GAPS IN BETWEEN THE SUN SUPPORT AND THE ROOF SUPPORT.



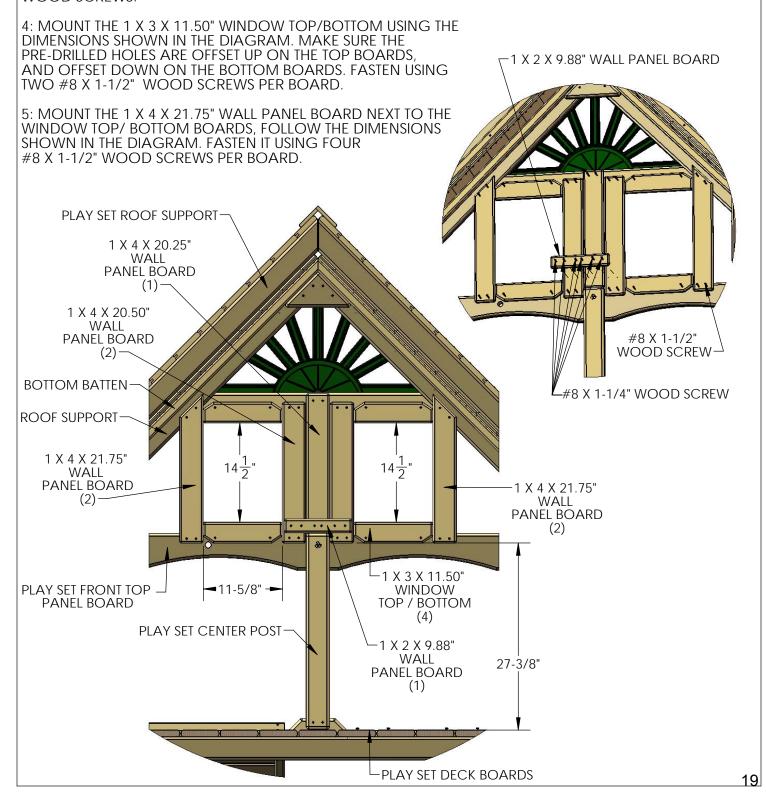
# STEP 6: PLASTIC SUNBURST

1: MOUNT THE PLASTIC SUNBURST TO THE ROOF SUPPORTS ON THE ROOF SECTION ASSEMBLY, THE PLASTIC SUNBURST MUST BE UP AGAINST THE OVERHANGING ROOF BOARDS. FASTEN THE PLASTIC SUNBURST TO THE ROOF SUPPORTS USING TWO #8 X 2-1/2" WOOD SCREWS ON THE TOP AND SIX #8 X 2" WOOD SCREWS ON THE REMAINING HOLES.



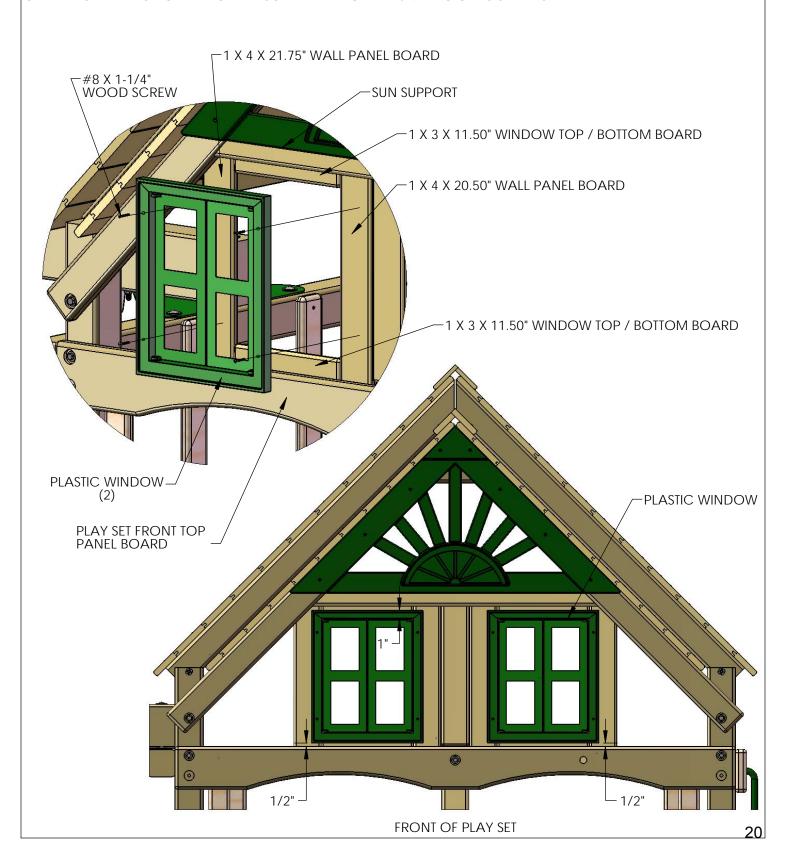
### STEP 7: WALL PANEL BOARDS

- 1: MOUNT THE 1 X 4 X 20.25" WALL PANEL BOARD ABOVE THE PLAY SET CENTER POST. THE END WITH TWO PRE-DRILLED HOLES SHOULD BE OFFSET TO THE TOP. MAKE SURE IT IS STRAIGHT VERTICALLY AND FASTEN IT TO THE SUN SUPPORT USING TWO #8 X 1-1/2" WOOD SCREWS.
- 2: MOUNT ONE 1 X 4 X 20.50" WALL PANEL BOARD ON EACH SIDE OF THE CENTER BOARD PREVIOUSLY INSTALLED. THE BOTTOM END MUST BE 27-3/8" FROM THE TOP OF THE PLAY SET DECK BOARDS. FASTEN IT TO THE SUN SUPPORT AND PLAY SET FRONT TOP PANEL BOARD USING TWO #8 X 1-1/2" WOOD SCREWS ON EACH END PER BOARD.
- 3: MOUNT THE 1 X 2 X 9.88" WALL PANEL BOARD HORIZONTALLY ABOVE THE PLAY SET CENTER POST CENTERED BETWEEN THE WALL PANEL BOARDS PREVIOUSLY INSTALLED, FASTEN USING SIX #8 X 1-1/4" WOOD SCREWS.



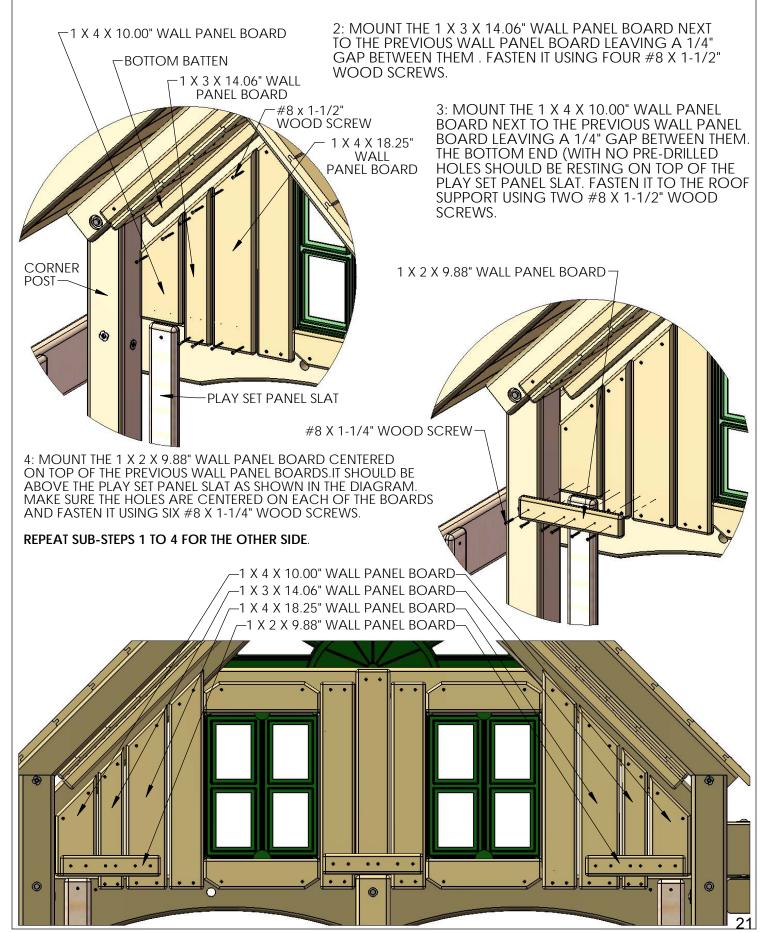
### STEP 8: PLASTIC WINDOWS

- 1: PLACE EACH PLASTIC WINDOW INTO THE FRONT OPENINGS, WITH THE 1" WIDE SECTION OF THE WINDOW FRAME AT THE TOP. ATTACH EACH WINDOW WITH FOUR #8 X 1-1/4" WOOD SCREWS.
- 2: PLACE THE CROWN OVER THE SUN PIECE ON THE FRONT OF THE PLAY SET ABOVE THE PLASTIC WINDOWS.
- 3: ATTACH THE CROWN TO THE SUN WITH #8 X 1-1/4" WOOD SCREWS.



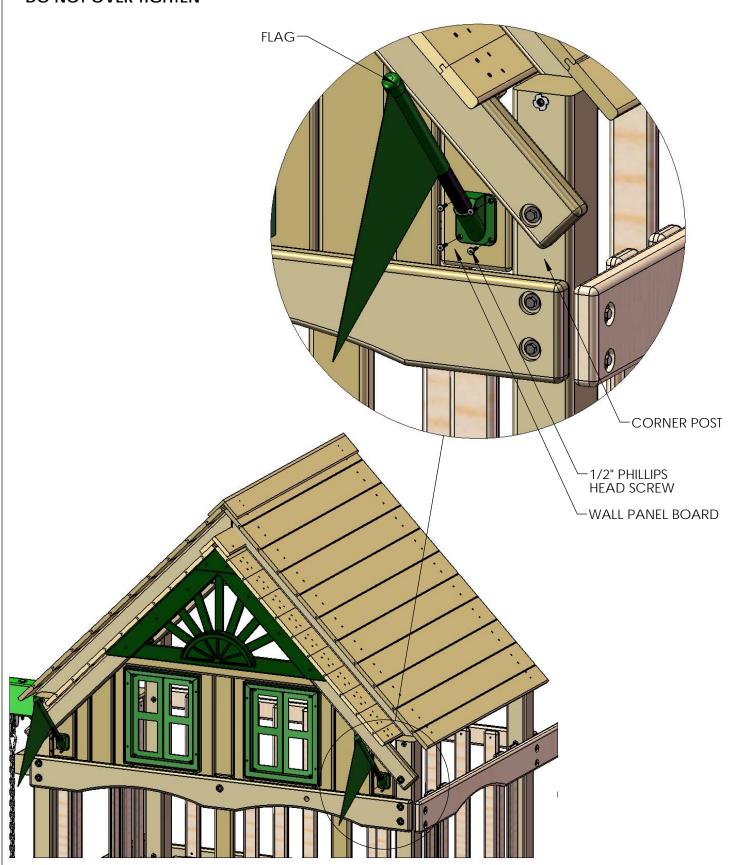
### STEP 9: WALL PANEL BOARDS

1:MOUNT THE 1 X 4 X 18.25" WALL PANEL BOARD NEXT TO THE PREVIOUSLY INSTALLED PANEL BOARD, LEAVING A 1/4" GAP BETWEEN THEM. FASTEN IT USING FOUR #8 X 1-1/2" WOOD SCREWS.



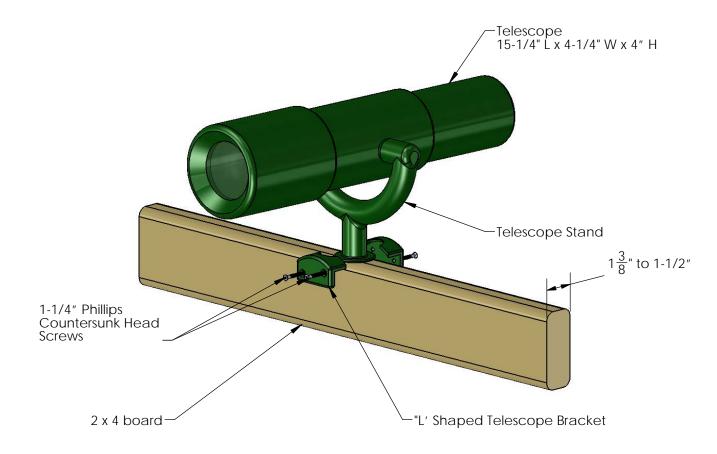
# STEP 10: FLAG KIT

- 1: PLACE A FLAG CENTERED ON THE WALL PANEL BOARD NEXT TO THE CORNER POST AT THE FRONT OF THE FORT.
- 2: ATTACH THE BASE OF THE FLAG WITH THE 1/2" PHILLIPS HEAD SCREWS PROVIDED. \*\*DO NOT OVER TIGHTEN\*\*



# Telescope (07-0001) Mounting to 2 x 4 board

- 1: Place one of the "L" shaped Telescope Brackets against the 2 x 4 so that the bracket section with the cutout faces up. Fasten the Telescope Bracket to the 2 x 4 with the 1-1/4" phillips countersunk head screws provided.
- 2: Place the Telescope Stand inside the cutout section of the Telescope Bracket on top of the 2 x 4.
- 3: Place another "L" shaped Telescope Bracket directly across from the other Telescope Bracket. Fasten the Telescope Bracket to the 2 x 4 with the 1-1/4" phillips countersunk head screws provided.



(See **Mounting to 4 x 4 Board** on the other side of this sheet if you wish to mount the Telescope on the top of a 4 x 4 Board.)

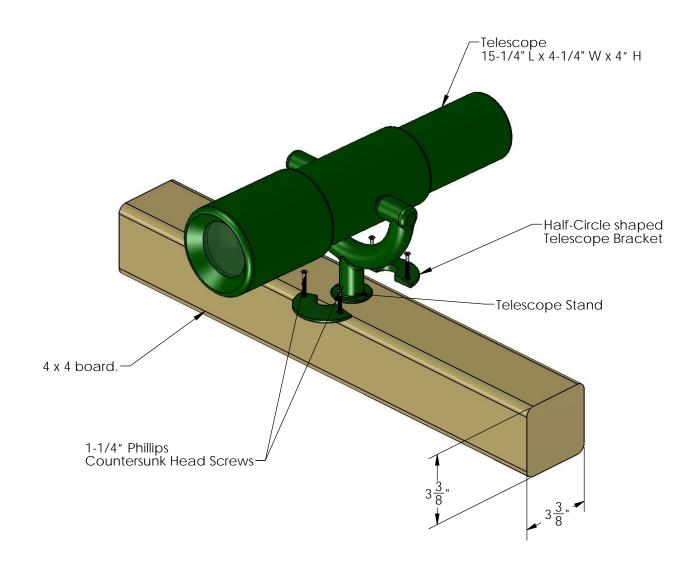
### !WARNING! \*\*DO NOT LOOK INTO SUN OR OTHER BRIGHT LIGHTS WITH TELESCOPE\*\*

Please note: Telescope does not magnify objects. Telescope is intended for make-believe-play by children.

\*FOR RESIDENTIAL USE ONLY\*
\*FOR CHILDREN AGES 3-11\*

# Telescope (07-0001) Mounting to 4 x 4 board

- 1: Center the Telescope Stand on top of the 4 x 4 board.
- 2: Place the notched area of one of the half-circle shaped Telescope Brackets over the top of the Telescope Stand. Attach the half-circle shaped Telescope Bracket to the top of the 4 x 4 board with the 1-1/4" phillips countersunk head screws provided.
- 3: Place the notched area of the second half-circle shaped Telescope Bracket over the top of the Telescope Stand. Attach the half-circle shaped Telescope Bracket to the top of the 4 x 4 board with the 1-1/4" phillips countersunk head screws provided.



(See **Mounting to 2 x 4 Board** on the other side of this sheet if you wish to mount the Telescope on the top of a 2 x 4 Board.)

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