

Owner's Manual And Assembly Instructions



The Sierra

Wooden Playcenter - 2008

Model: 35008



Adventure Playsets

Thank you for purchasing an
Adventure Playsets
Playcenter. We hope it will
bring you and your children
many years of safe and
enjoyable backyard fun.

Table of Contents

Letter to Customer	2
Positioning Your Playcenter	3
Tools Required for Assembly	3
Helpful Installation Hints	4
Suggested Playground Surfacing	5
Operating Instructions	6
Maintenance Instructions	7
Disposal Instructions	7
CPSC Information Sheet	8
Assembly Instructions	9
Customer Notes	55
Frequently Asked Questions	56
Limited Warranty	57
Warranty Claim Procedure	58
Customer Registration Card	59

Your owner's manual should be read carefully before
starting assembly.



STOP...PLEASE READ!!

IF YOU HAVE ANY QUESTIONS OR ARE
MISSING A PART, PLEASE DO NOT CONTACT
THE RETAILER THAT YOU PURCHASED THIS
PRODUCT FROM.

PLEASE CALL US DIRECTLY
AT THE FACTORY, 1-800-856-4445,
OUR TRAINED STAFF WILL ANSWER YOUR
QUESTIONS AND OR EXPEDITE PARTS
THAT YOU MAY NEED.

For the most efficient service, please log onto our
website at **<http://www.adventureplaysets.com>** and
register your unit as well as make an order for any
missing or damaged parts.

For all international customers, please visit the following website for information on all warranty issues
including where to obtain replacement parts.

<http://www.adventureplaysets.com/international>

Dear Customer:

Thank you for purchasing an Adventure Playsets Playcenter. We hope it will bring you and your children many years of safe and enjoyable backyard fun. Adventure Playsets equipment is recommended for use by **children 3 to 10 years of age**. Adventure Playsets structures are **not intended for public use**. **Adventure Playsets does not warranty any of its residential structures subjected to commercial use.**



WARNING: This Symbol points out important safety instructions which, if not followed, could endanger the personal safety of yourself and your children and/or damage your property. You **MUST** read and follow all instructions in this manual before attempting to use this playcenter.



WARNING: Children must **NOT** use this playcenter until unit has been completely assembled and inspected by an adult to insure set has been properly installed and anchored.

Please follow all recommendations below. **Failure to do so may result in the warranty being void and/or safety violations that could result in serious injury.** The following information has been provided to help you in your installation, continued satisfaction, and safe operation of your Adventure Playsets purchase.

Always keep the safety of your children in mind as your play structure is being built and as your children play on the set. Before your children play on the set please review the Operation Instructions with them to help ensure their safety.

PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED. IN ORDER TO PROVIDE YOU WITH THE MOST EFFICIENT SERVICE, IT IS REQUIRED THAT YOU PROVIDE US WITH THE PART NUMBERS WHEN ORDERING PARTS.

Please do **NOT** return the playcenter to the retailer from which it was purchased, without first contacting Customer Service.

General Information:

Please take time and fill out the information below. This information will be needed for warranty issues.

Date of Purchase: _____ **Date stamped on box:** _____

Manufacturer: Adventure Playsets

Vendor: _____

3001 North Rouse

Pittsburgh, KS 66762

Ph. #: 1-800-856-4445

Fax: 806-622-1515

E-mail: custservice@adventureplaysets.com

Website: <http://www.adventureplaysets.com>

International Website: <http://www.adventureplaysets.com/international>

Unit Type:

Unit Name: The Sierra - 2008

Revision Date: 10/18/07

Unit Model Number: 35008

Maximum Fall Height:

6'-11"

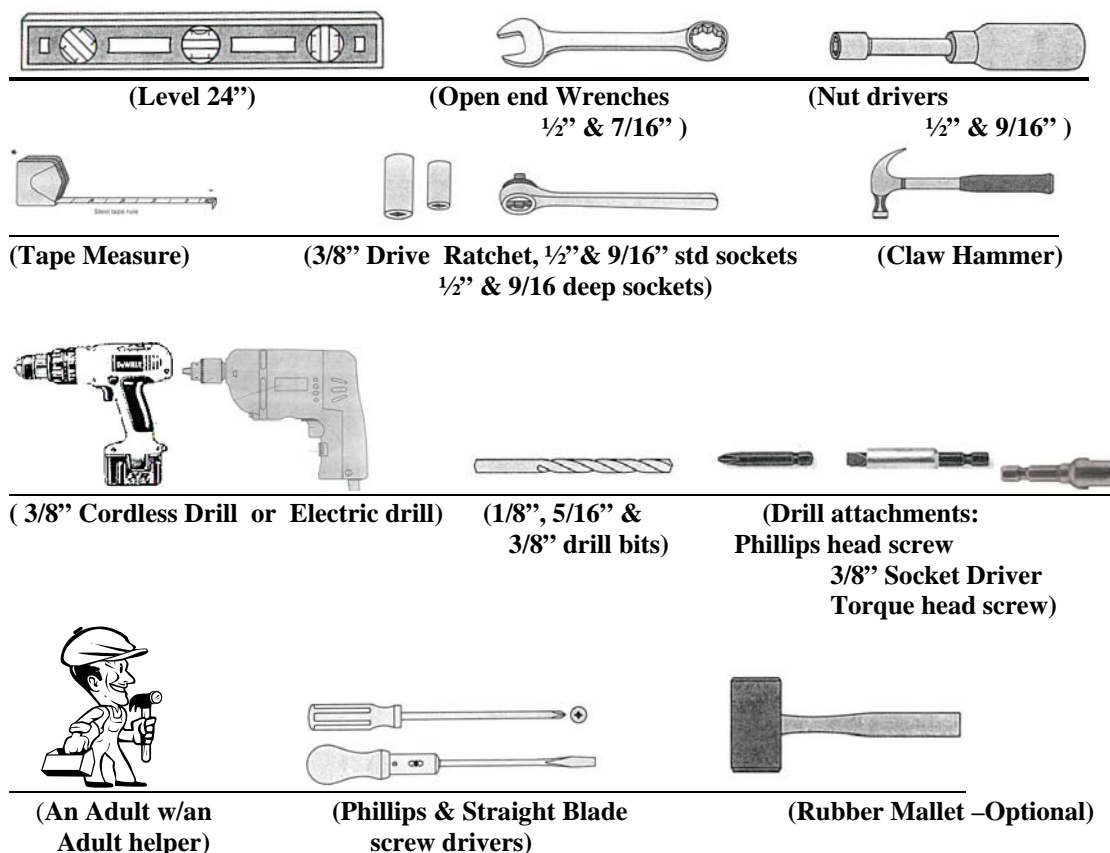
The instructions and owner's manual for your new Playcenter should be read in its entirety before assembly, to minimize problems and safety issues. We recommend reading the owner's manual thoroughly after you have identified all of the parts for your Playcenter as discussed in the Helpful Installations Hints section below.

Positioning Your Play center

1. The Playcenter is designed to be installed on a level surface **by an Adult with an Adult helper**. Try to place in a flat area of your yard to minimize ground preparation.
2. Place the equipment not less than 6 ft from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
3. It is a good idea to place your Playcenter in an area that is convenient for adults to watch children at play.
4. The area that you choose should be policed for glass, rocks or anything jagged or sharp that could endanger your children's safety. The surface underneath your play system can cause or prevent injuries. We have additional suggestions in the Suggested Playground Surfacing Section.
5. Do not build your playset on top of surfacing material.

Tools Required for Installation:

(These are the tools that are generally required for assembly of our playsets. These tools are not included in the playset purchase.)



Helpful Installation Hints

1. Depending on your experience, assembly of this Play set should take approximately 6 to 12 hours after inventory of parts. Therefore, we recommend you set aside a full day for assembly.
2. Identify all of the parts for your Playcenter. 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.
3. After everything is laid out, check carefully to ensure all parts are present. Make sure there are no broken boards.
4. 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.
5. 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.
6. After steps 1 thru 4 have been completed, read all the way through the instructions completely. Reading instructions after you have studied the parts will help you understand more clearly the installation process, and help to eliminate unnecessary mistakes.
7. Pay close attention to the diameter and length of each bolt and screw. There will be different sizes in the same bag, so they must be sorted correctly.
8. Swing hangers should be buried past the threads, so that the loop is against the swing beam. Adventure Playsets is not responsible for incorrect installations of swing hangers. Failure to properly install swing hangers may cause severe injury.
9. 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.
10. After the main unit is assembled it is critical that the floor is level and square. If the main frame is not level, the walls and floor will be out of square.
11. 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. Check all bolt connections and swing hangers every two weeks.
12. Place the set on level ground, not less than 6ft from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

READ! VERY IMPORTANT!

If you are missing parts or have questions regarding the installation of our quality product PLEASE call us directly at the factory (1-800-856-4445). Our trained staff will be happy to assist you.

Customer service hours:

Monday thru Friday 9am to 5pm
Saturday 9am to 2pm (During Season)
Central Standard Time.

E-mail: custservice@adventureplaysets.com

ATTENTION: INTERNATIONAL CUSTOMERS

We thank you for purchasing our excellent quality play equipment. We are sure that you will be satisfied with your selection. However, should you experience any problems or require any advice, do not return the item to the store, please visit the following website for information on all warranty issues including where to obtain replacement parts.

<http://www.adventureplaysets.com/international>

Suggested Playground Surfacing

- ❑ Playground equipment should never be placed on hard surfaces such as concrete or asphalt.
- ❑ Shredded bark mulch, wood chips, fine sand and fine gravel, are added as shock absorbing materials after assembly. If used properly these materials can absorb some of the impact of a child's fall.
- ❑ All surface material should extend a minimum of 6 feet in all directions around the play area.
- ❑ Do not apply playground surfacing until after the unit is completely constructed. Playset should not be built on top of surfacing.

The following chart explains the fall height in feet from which a life threatening head injury would not be expected

Critical Heights in feet (m) of Tested Materials

Material	Uncompressed Depth			Compressed Depth
	6" (152mm)	9" (228mm)	12" (304mm)	to 9" (228mm)
Wood Chips	7' (2.13m)	10' (3.05m)	11' (3.35m)	10' (3.05m)
Double-Shredded bark mulch	6' (1.83m)	10' (3.05m)	11' (3.35m)	7' (2.13m)
Engineered Wood Fibers	6' (1.83m)	7' (2.13m)	>12' (3.66m)	6' (1.83m)
Fine Sand	5' (1.52m)	5' (1.52m)	9' (2.74m)	5' (1.52m)
Coarse Sand	5' (1.52m)	5' (1.52m)	6' (1.83m)	4' (1.22m)
Fine Gravel	5' (1.52m)	7' (2.13m)	10' (3.05m)	6' (1.83m)
Medium Gravel	5' (1.52m)	5' (1.52m)	6' (1.83m)	5' (1.52m)
Shredded Tires*	10-12' (3.0-3.6m)	N/A	N/A	N/A

*This data is from tests conducted by independent testing laboratories on a 6-inch depth of uncompressed shredded tire samples produced by four manufacturers. The tests reported critical heights, which varied from 10 feet to greater than 12 feet. It is recommended that persons seeking to install shredded tires as a protective surface request test data from the supplier showing the critical height of the material when it was tested in accordance with ASTM F1292.

Operating Instructions:



NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.

1. This Playcenter is designed for the use of 4 occupants who have a combined weight **not exceeding** 290 pounds on the elevated floor, 4 occupants who have a combined weight of 351 pounds on the swing area, for a total Unit capacity of 8 occupants who have a combined weight of 641. (this weight is not including the picnic table area)
2. On-site adult supervision is **required**.
3. Instruct children **not** to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
4. Instruct children to sit in and **never** stand on swings
5. Instruct children **not** to twist the chains and ropes and not to loop them over the top support bar, since this may reduce the strength of the chain or rope.
6. Instruct children **not** to jump from swings or other playground equipment in motion.
7. Instruct children to **not push** empty seats. The seat may hit them and cause serious injury.
8. Instruct and teach children to sit in the center of the swings with their full weight on the seats.
9. Instruct children **not** to use the equipment in a manner other than intended.
10. Instruct children to **always** go down slides feet first. Never slide headfirst.
11. Instruct children to **look** before they slide to make sure no one is at the bottom.
12. Instruct children to **never** run up a slide, as this increases their chances of falling.
13. The parents should have the children **dress appropriately** with well-fitting shoes. Loose clothing such as scarves and ponchos should not be worn. Always take off, tie up or tuck in cords and drawstrings on children's clothing. These things can get caught on playground equipment and strangle a child.
14. Instruct children **not** to climb when the equipment is wet.
15. Instruct children to **never** jump from a fort deck. They should always use the ladder, ramp or slide.
16. Instruct children to **never** crawl or walk across the top of monkey bars.
17. Instruct children to **never** crawl on top of a fort roof.
18. Verify that any suspended climbing ropes, chain, or cable are secured at both ends and that they cannot be looped back on it.
19. Instruct children **not** to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
20. Instruct children to **never** use Monkey Bar when swings or glider are in use.
21. Instruct children to **never** wrap their legs around swing chain.
22. Instruct children to **never** slide down the swing chain.

Maintenance Instructions:

1. Check all nuts and bolts twice monthly during the usage season and tighten as required. (But not so tight that you crack the wood) We recommend you check the swing beam and hardware every two weeks due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
2. Remove plastic swing seats and take indoors or do not use when the temperature drops below 32 °F.
3. Oil all metallic moving parts monthly during the usage period.
4. Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
5. Check swing seats, ropes, cables and chains monthly during usage season for evidence of deterioration. Replacement should be made of any swing seat that has developed cracks in the plastic seats or has exposed metal in the edges of the swing seat. If there are already exposed metal inserts on the edge of the seat, immediately remove the seats and chains to prevent serious injury. Ropes, cables and chains should be removed and replaced if excessive wear is found. Contact Adventure Playsets for replacement parts.
6. For rusted areas on metallic members such as monkey bars, hand supports, brackets, etc., sand and repaint, using a non lead-based paint meeting the requirements of Title 16 CRF Part 1303.
7. Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe playing environment. If you are treating your Playcenter with stain regularly, it will help prevent severe checking/splitting and other weather damage.
8. We have applied a waterborne transparent stain to your unit. This is done for color only. Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any "rough" spots on your set. Please note this is a requirement of your warranty.
9. Creating and maintaining the Playcenter on a level location is very important. As your children play, your Playcenter will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the play set is level and true once each year or at the beginning of each play season.

Disposal Instructions:

When the Playcenter use is no longer desired, it should be disassembled and disposed of in such a way that no unreasonable hazards will exist at the time the unit is discarded.

NOMINAL MATERIAL SIZES			
NAMED SIZE		TRUE SIZE	
Imperial (")	Metric (mm)	Imperial (")	Metric (mm)
1x6	2.5x15.3	3/4x5x1/2	1.9x14
5/4x4	3.2x10.2	1x3 1/2	2.5x9
5/4x6	3.2x15.3	1x5 1/2	2.5x14
2x2	5x5	1 1/2x1 1/2	3.8x3.8
2x3	5x7.6	1 1/2x2 1/2	3.8x6.4
2x4	5x10	1 1/2x3 1/2	3.8x9
2x6	5x15.3	1 1/2x5 1/2	3.8x14
4x4	10x10	3 1/2x3 1/2	9x9
Estimated Sizing Due to Molding of Wood			

APPENDIX A

Information on Playground Surfacing Materials:

The following information is from the *United States Consumer Product Safety Commission's Information Sheet for playground surfacing material*. Also see the following website for additional information: www.cpsc.gov/cpscpub/pubs/323.html.

X3. CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS¹¹

X3.1 The U.S. Consumer Product Safety Commission (CPSC) estimates that about 100,000 playground equipment-related injuries resulting from falls to the ground surface are treated annually in U.S. hospital emergency rooms. Injuries involving this hazard pattern tend to be among the most serious of all playground injuries, and have the potential to be fatal, particularly when the injury is to the head. The surface under and around playground equipment can be a major factor in determining the injury-causing potential of a fall. It is self evident that a fall onto a shock-absorbing surface is less likely to cause a serious injury than a fall onto a hard surface. Playground equipment should never be placed on hard surfaces such as concrete or asphalt and while grass may appear to be acceptable it may quickly turn to hard packed earth in areas of high traffic. Shredded bark mulch, wood chips, fine sand or fine gravel are considered to be acceptable shock absorbing surfaces when installed and maintained at a sufficient depth under and around playground equipment.

X3.2 Table X3.1 lists the maximum height from which a child would not be expected to sustain a life-threatening head injury in a fall onto four different loose-fill surfacing materials if they are installed and maintained at depths of 6, 9, and 12 in. However, it should be recognized that all injuries due to falls cannot be prevented no matter what surfacing material is used.

X3.3 It is recommended that a shock absorbing material should extend a minimum of 6 ft in all directions from the perimeter of stationary equipment such as climbers and slides. However, because children may deliberately jump from a moving swing, the shock absorbing material should extend in the front and rear of a swing a minimum distance of 2 times the height of the pivot point measured from a point directly beneath the pivot on the supporting structure.

X3.4 This information is intended to assist in comparing the relative shock-absorbing properties of various materials. No particular material is recommended over another. However, each material is only effective when properly maintained. Materials should be checked periodically and replenished to maintain correct depth as determined necessary for your equipment. The choice of a material depends on the type and height of the playground equipment, the availability of the material in your area, and its cost.

¹¹This information has been extracted from the CPSC publications "Playground Surfacing — Technical Information Guide" and "Handbook for Public Playground Safety." Copies of these reports can be obtained by sending a postcard to: Office of Public Affairs, U.S. Consumer Product Safety Commission, Washington, D.C., 20207 or call the toll-free hotline: 1-800-638-2772.

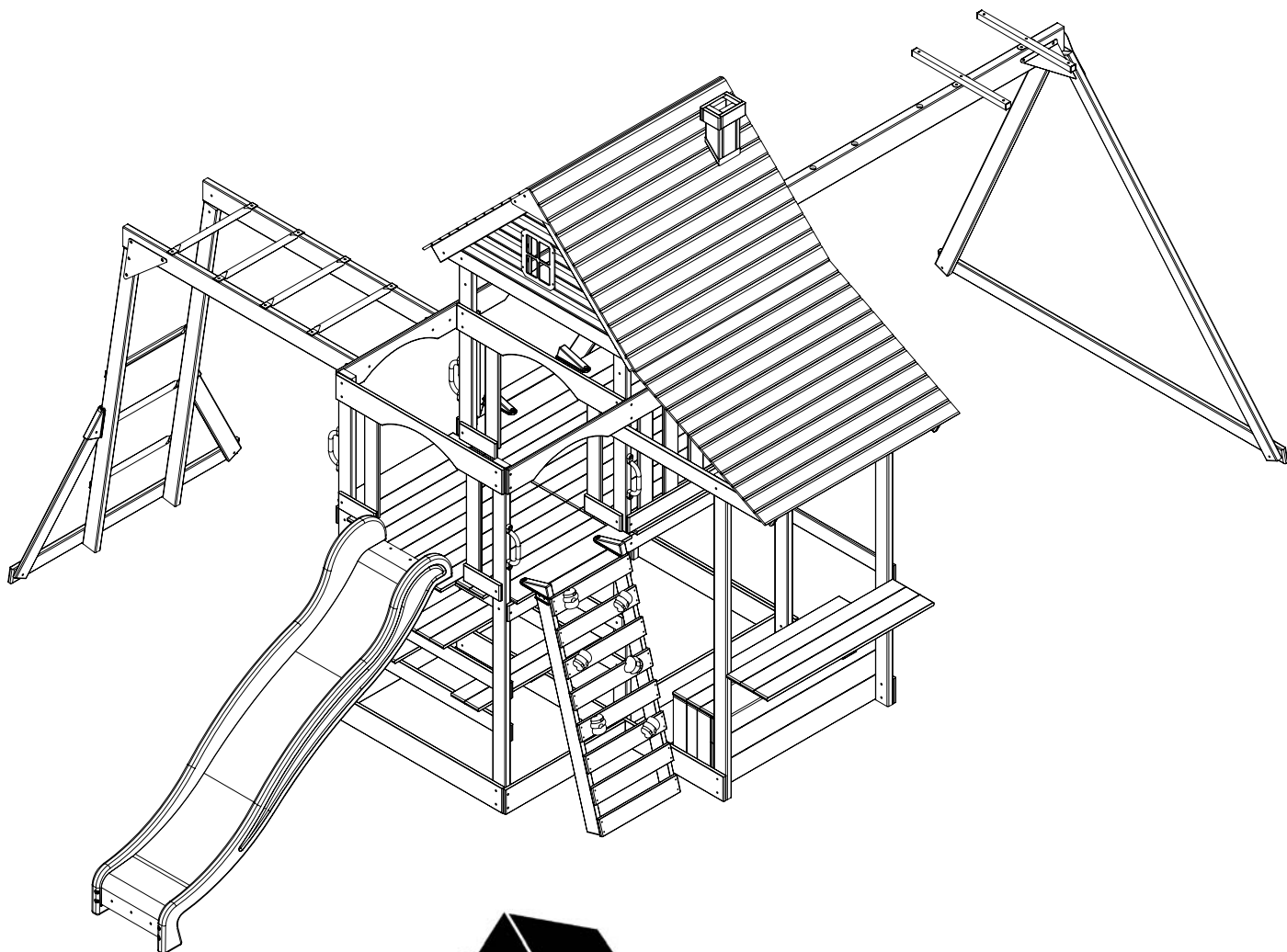
The American Society for Testing and Materials takes no position respecting the validity of any patent right asserted in connection with any item mentioned in this standard. Users of this standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, are entirely their own responsibility.

The standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either approved or withdrawn. Your comments are invited either for revision of this standard or for additional standards and should be addressed to ASTM Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel that your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards. 100 Barr Harbor Drive, West Conshohocken, PA 19428.

The Sierra

Playset

Assembly Instructions



WARNING: CHOKING HAZARD

Unassembled parts may be a choking hazard to children 3 years and younger

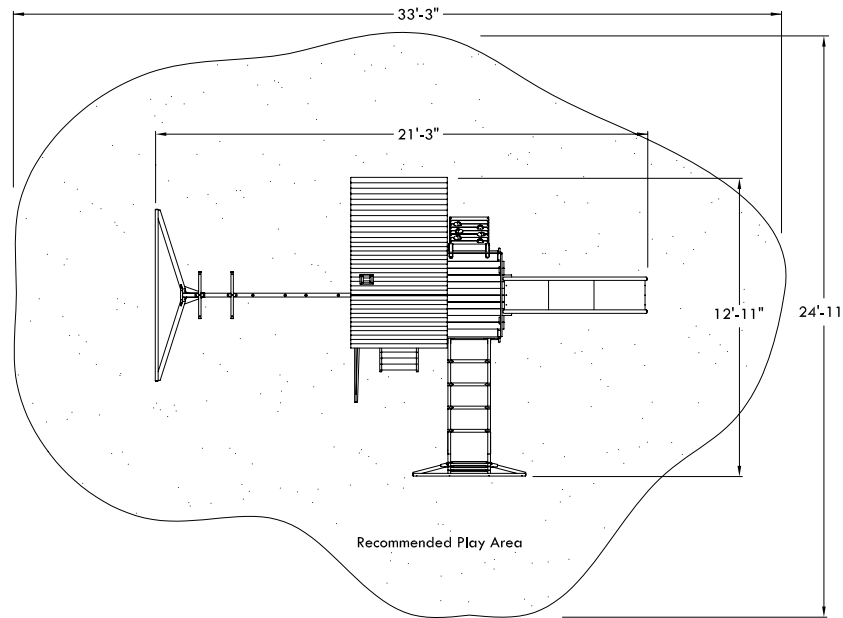


CAUTION: Adult Assembly Required.

Hardware contains small pieces with sharp points. Keep parts out of the reach of children until assembled. Parts of this product can present dangers if improperly assembled.

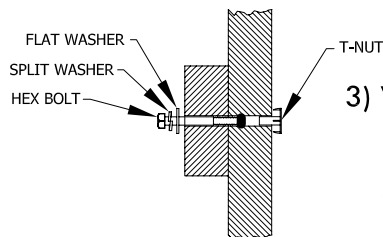
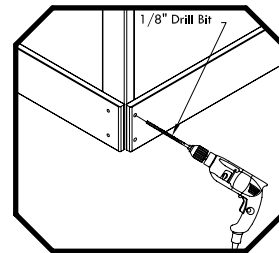
Basic Setup Dimensions

Place the set on level ground, not less than 6ft from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines or electrical wires.



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.
- 2) When installing a board on the small face of a 2x4, pre-drilling the attachment hole is **REQUIRED**. Just place the board where attachment is needed and by using the holes in the board as a guide, drill holes into the 2x4 with a $\frac{1}{8}$ " drill bit $1\frac{1}{4}$ " deep. Failure to Pre-drill may result in board splitting



- 3) Whenever a T-nut is used, follow these directions. Place t-nut in pre-drilled hole. Tap in with hammer. Place bolt with split and flat washers in the] opposite side. Hand tighten to make sure the bolt is in the t-nut. Secure with socket. **DO NOT Overtighten.**

- 4) Pay close attention to the "Items needed" and "Hardware needed" sections of 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.
- 5) Pay close attention to make sure you are using the correct hardware in the correct places. Using incorrect hardware may result in improper assembly.
- 6) Read the steps of each phase thoroughly. The written steps may include important information not shown in the illustrations.

Parts Identification

Wood Components

ID LETTER

DESCRIPTION

QUANTITY

A	2x6x17" Bench Table Supports 4L2373-08	2
B	2x5x89 1/2" Single Beam Top Beam 4L2277-08	1
C	2x5x60" Monkey Bar Top Beam 4L2336-08	2
D	2x4x89 1/2" Fort Upright 4L2288-08	4
E	2x4x88" Single Beam A-Frame Legs 4L2278-08	2
F	2x4x76 3/4" Sundeck Upright 4L2516-08	2
G	2x4x72 1/4" Monkey Bar End Ladder Rail 4L2337-08	2
H	2x4x71" Bench Roof Upright 4L2291-08	2
I	5/4x6x43" Single Beam Attachment Rail 4L2109-08	1
J	5/4x6x6" Chimney Bottom 4L2459-08	1
K	5/4x4x89" A-Frame Ground Beam 4L2334-08	1
L	5/4x4x58 1/2" Monkey Bar Ground Beam 4L2338-08	1
M	5/4x4x50 1/2" Rockwall Support 4L1610-06	2
N	5/4x4x50 1/2" Left Deck Ladder Rail 4L2405-08	1
O	5/4x4x50 1/2" Right Deck Ladder Rail 4L2404-08	1
P	5/4x4x49" Roof Cross Brace 4L2511-08	2
Q	5/4x4x43" Floor Joist 4L1602-06	5
R	5/4x4x41 3/4" Bench Roof Truss 4L2513-08	2
S	5/4x4x39" Bench Roof Support 4L2512-08	2
T	5/4x4x38" Roof Truss 4L2515-08	4
U	5/4x4x18 3/4" Deck Ladder Step 4L2417-08	4
V	5/4x4x17 1/2" Rockwall/Deck Ladder Cap Board 4L1650-06	2
W	5/4x4x10" Chimney Side 4L2456-08	2
X	5/4x4x10" Chimney Front 4L2457-08	1
Y	5/4x4x7 1/2" Chimney Back 4L2458-08	1
Z	1x6x77" Fort Ground Beam 4L1605-06	1
AA	1x6x74" Double Arch Fort Rail 4L2517-08	1

ID LETTER

DESCRIPTION

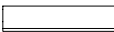







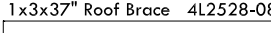
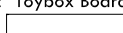


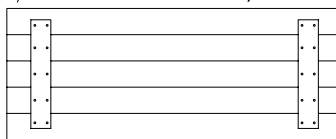
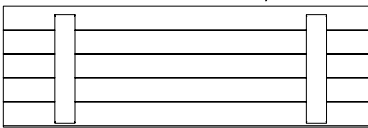

QUANTITY

AB	1x6x74" Single Arch Fort Rail 4L2518-08	1
AC	1x6x74" Ground Beam 4L2519-08	1
AD	1x6x69" Fort Ground Beam 4L2290-08	2
AE	1x6x43" Sandbox Board 4L1501-05	1
AF	1x6x43" Fort Rail/Sandbox Board 4L1600-06	2
AG	1x6x43" Arched Fort Rail 4L2332-08	2
AH	1x6x43" Toybox Board 4L2524-08	4
AI	1x6x40 1/4" End Floor Board 4L1601-08	2
AJ	1x6x31" Ground Board 4L2520-08	1
AK	1x6x29 5/8" Sundeck End Floor Board 4L2522-08	2
AL	1x4x74" Floor Support 4L2514-08	2
AM	1x4x69" Wall Rail 4L2289-08	1
AN	1x4x67" Fort Angle Brace 4L1584-06	1
AO	1x4x50" Roof Board 4L2243-07	6
AP	1x4x43" Fort Rail 4L1502-05	1
AQ	1x4x43" Bench Table Boards/Middle Floor Brace/Toybox Bench Boards 4L1597-06	8
AR	1x4x43" Wall Rail 4L1603-06	5
AS	1x4x42" Cabin Slat 4L2521-08	2
AT	1x4x36" Sundeck Floor Board 4L2530-08	6
AU	1x4x35" Monkey Bar Angle Brace 4L1825-06	2
AV	1x4x32" Sundeck Floor Board/Picnic Table Boards 4L2523-08	11
AW	1x4x23 1/2" Fort Wall Slat 4L1686-06	17
AX	1x4x20 1/4" Rockwall Board 4L1496-05	2
AY	1x4x20 1/4" Rockwall Rock Board 4L1394-05	6
AZ	1x4x20" Deck Ladder Safety Slat 4L2429-08	1
BA	1x4x17 1/4" Slide Support 4L2430-08	2
BB	1x4x17 1/4" Bottom Slide Support 4L2431-08	1
BC	1x4x16 1/2" Toybox Board 4L2525-08	4

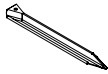
ID LETTER

DESCRIPTION

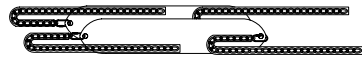
QUANTITY

BD-----	1x4x15" Cabin Rail 4L2058-07 	6
BE-----	1x4x11 1/2" Cabin Rail 4L2059-07 	4
BF-----	1x4x10" Cabin Wall Board 4L2131-07 	2
BG-----	1x4x10" Wall Rail 4L2340-08 	4
BH-----	1x4x9 1/2" Cleat 4L2526-08 	5
BI-----	1x4x8 1/4" Cabin Rail 4L2060-07 	4
BJ-----	1x4x6" Picnic Seat Cleat 4L2447-08 	2
BK-----	1x4x4 7/8" Wall Rail 4L2398-08 	2
BL-----	1x3x37" Roof Brace 4L2528-08 	3
BM-----	1x3x16 1/2" Toybox Board 4L2527-08 	2
BN-----	1x3x13 1/2" Panel Cleat 4L2146-07 	5
BO-----	1x3x6 1/4" Chimney Trim 4L2352-08 	2
BP-----	44 3/4" - 5 Board Panel Assembly 2A1050-08 	2
BQ-----	50" - 5 Board Roof Panel Assembly 2A1217-07 	6
BR-----	1x3x4 1/4" Chimney Trim 4L2460-08 	2

8 - Plastic Stakes - 6P085



1 - Swing Seats w/rope - 2A1254-08



1 - Right Slide Rail - 6P116



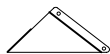
1 - Left Slide Rail - 6P117



1 - Slide Bed - 6P130



1 - Left Single Beam Clamp - 4M1068-08



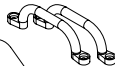
1 - Right Single Beam Clamp - 4M1069-08



13 - Green L-Bracket - 6M021



3 - Hand Grips (pair) - 6P002



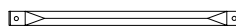
4 - Rockwall Bracket - 6P079



3 - Angle Brace Bracket - 6P073



7 - 22" Monkey Bar Metal Rung - 6Y14RUNG



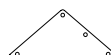
1 - Single Beam End Clamp - 4M1070-08

2 - Single Beam Attachment
Brace - 4M1077-081 - Adventure Playsets Placard
6BP04

2 - 5 hole Roof Plate - 6M019

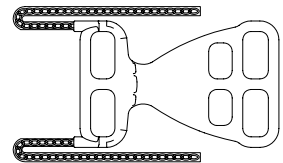


2 - 4 hole Triangle Plate - 6M018

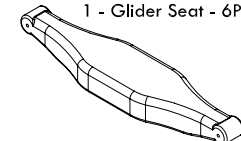


Accessories

2 - Glider Arms w/rope - 2A1256-08



1 - Glider Seat - 6P083



2 - Single Beam Glider Support - 4M1072-08

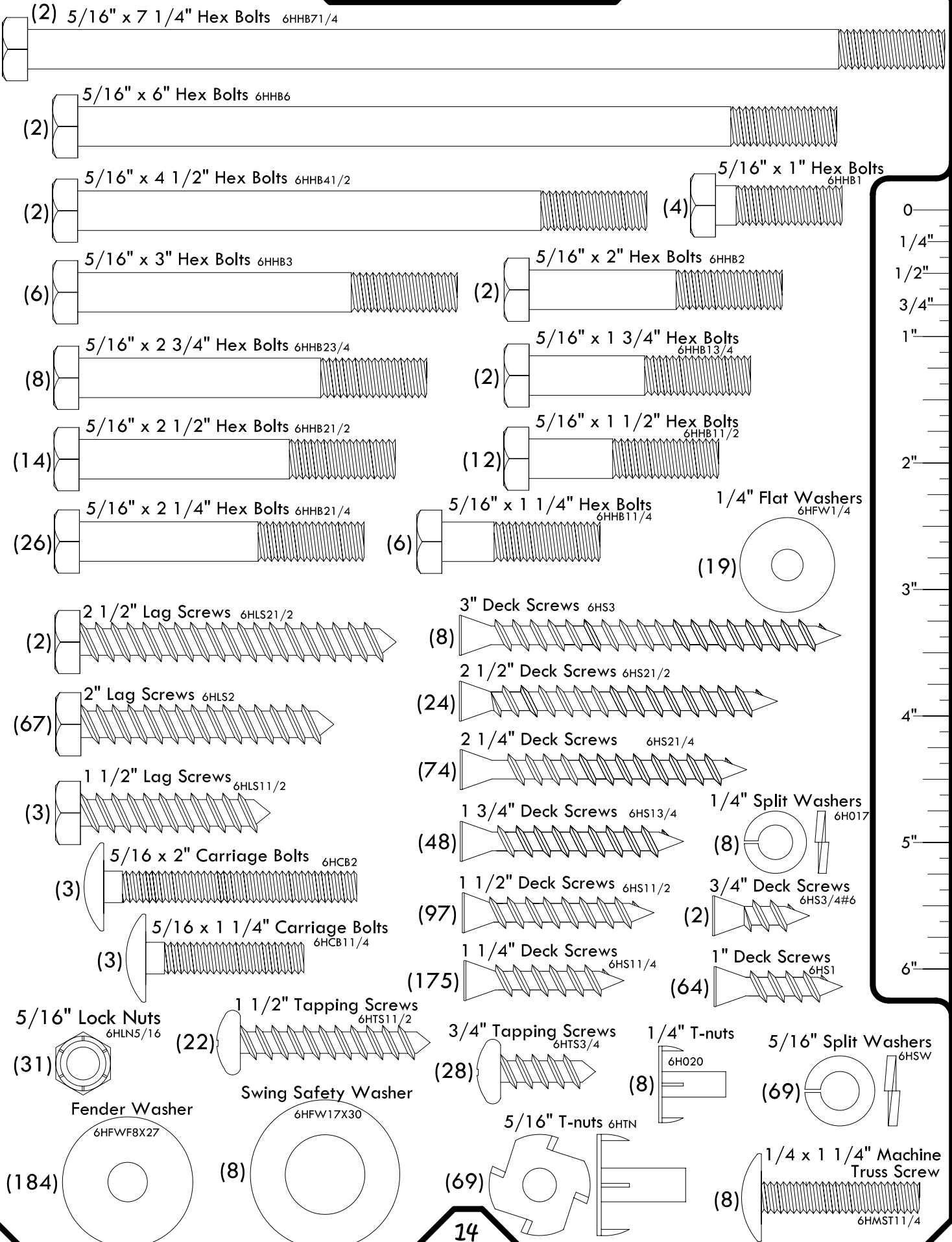


1 - Trapeze Bar w/rope - 2A1255-08

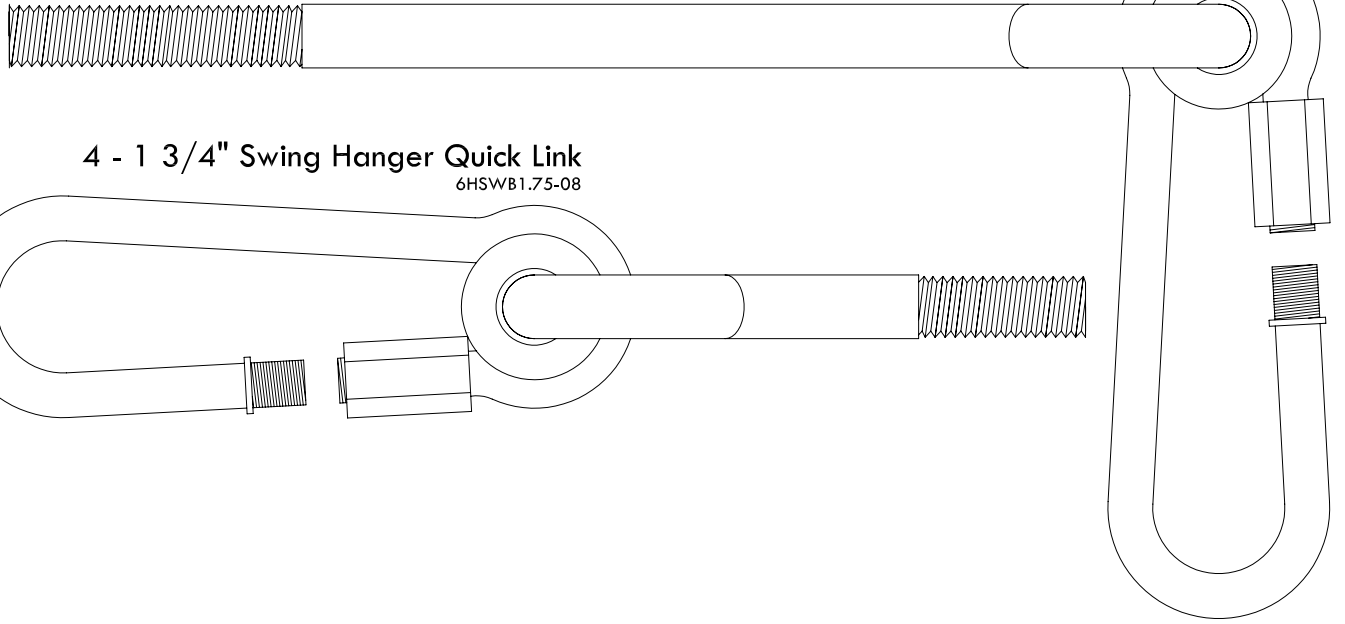


2 - Window Frame - 6P101

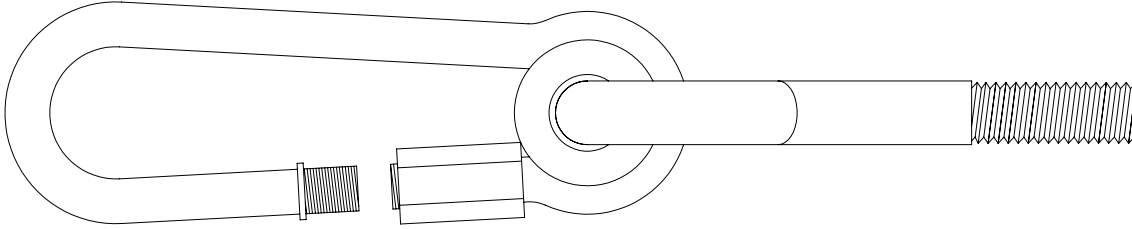




4 - 5 1/8" Swing Hanger Quick Link 6HSWB5.125-08



4 - 1 3/4" Swing Hanger Quick Link 6HSWB1.75-08

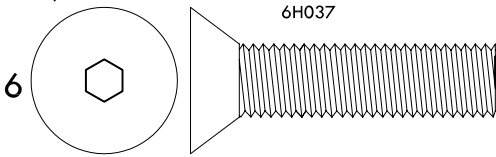


Rock Hardware Bag - 6P054

6 Rockwall Rocks (Not Shown)

3/8" Flat Head Bolts

6H037



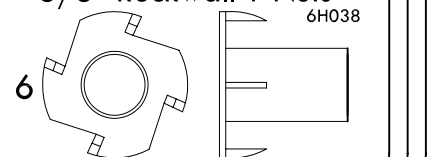
1 1/4" Deck Screws

6HS11/4

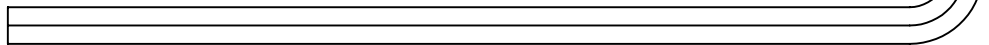


3/8" Rockwall T-Nuts

6H038



1 Allen Wrench

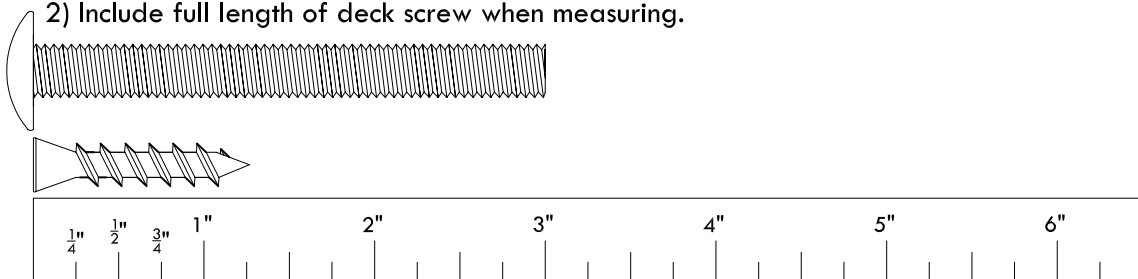


Measuring hardware

It is very important that you get the right hardware in the correct place when assembling the unit. You can compare the hardware to the hardware identification page.

NOTES:

- 1) Do not include bolt head when measuring length of bolt.
- 2) Include full length of deck screw when measuring.



Phase 1 : Slide Assembly

* ALL HARDWARE CALLOUT IN THESE ILLUSTRATIONS REFER TO 5/16" HARDWARE UNLESS OTHERWISE NOTED*

- Step 1:** Drill three holes at one end of the plastic slide bed using a 5/16" drill bit and using the dimensions shown in fig. 1. This end will be the top of the slide.
- Step 2:** Take note of slide bed surface finish, the dull side will be towards the ground. Place Slide Support Bottom 'BB' centered on the bottom (dull side) of slide bed and 1/4" from the edge. Transfer holes on the board through the slide bed as shown in illustration.
- Step 3:** Attach the Slide Support Bottom 'BB' to the bottom of the slide rail using 1 1/4" carriage bolts as shown below.

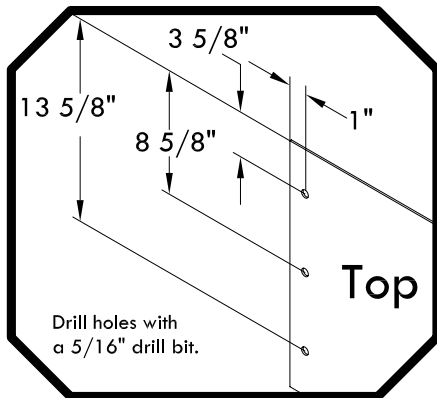
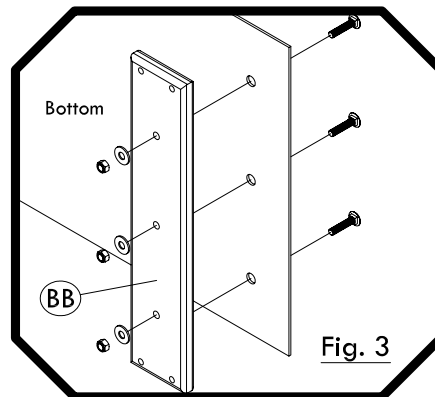
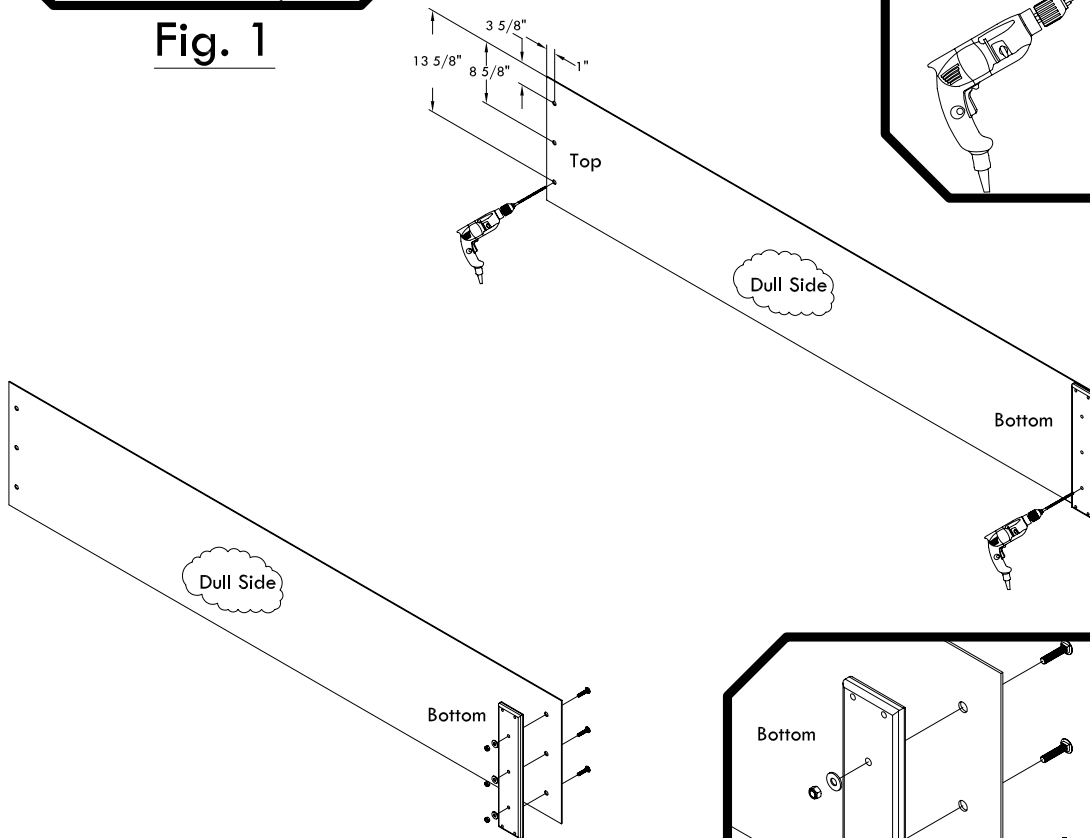
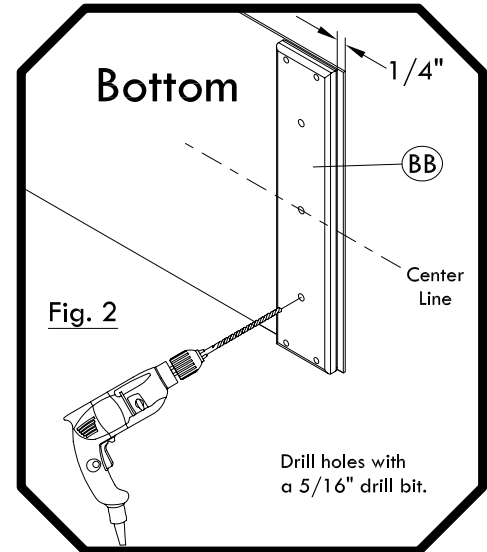


Fig. 1



Items needed for this phase:

- (1) Plastic Slide Bed
- (1) Bottom Slide Support 'BB'

Hardware needed for this phase:

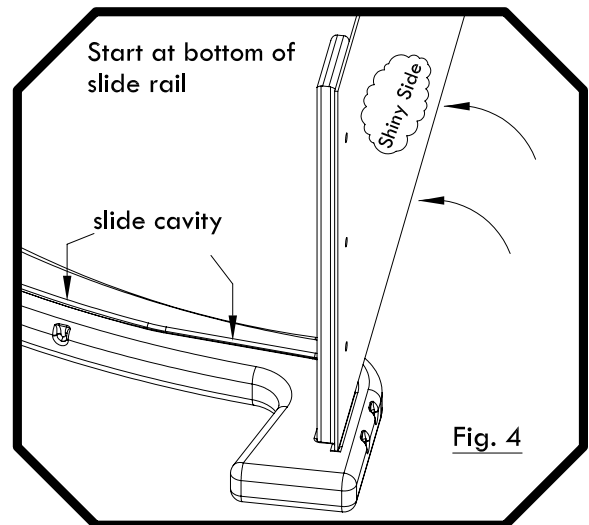
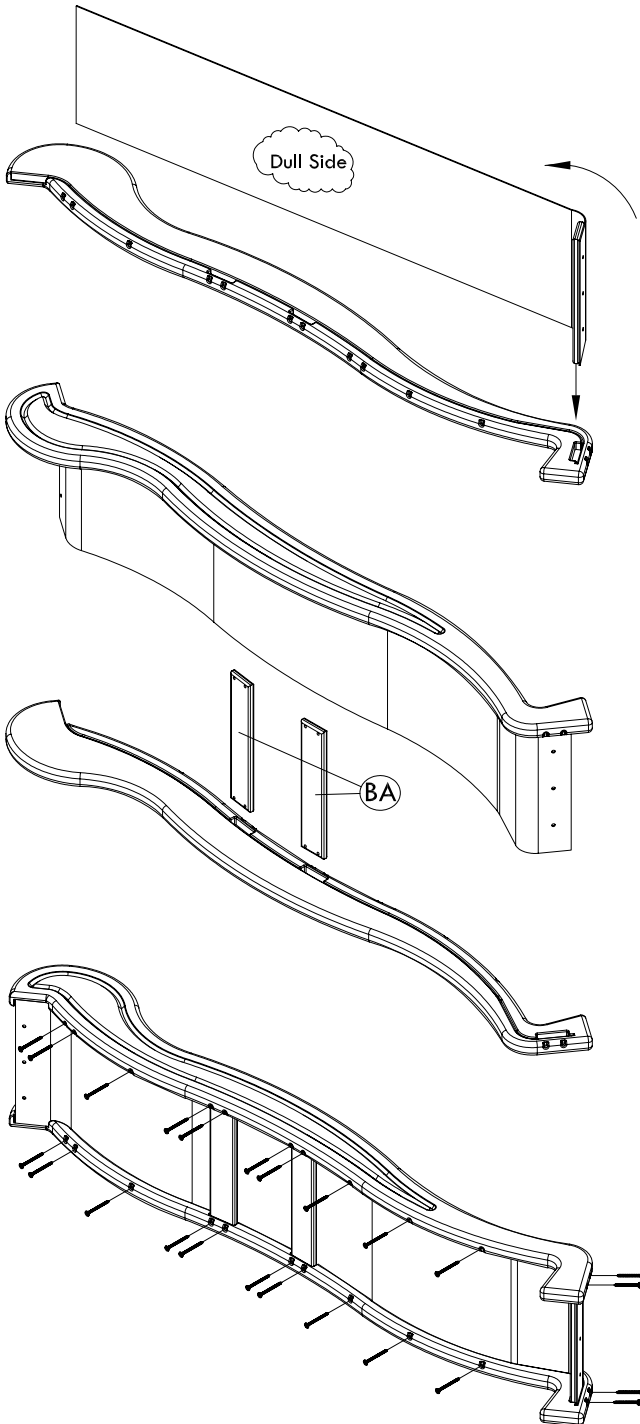
- (3) 1 1/4" Carriage Bolts
- (3) Fender Washers
- (3) Lock Nuts



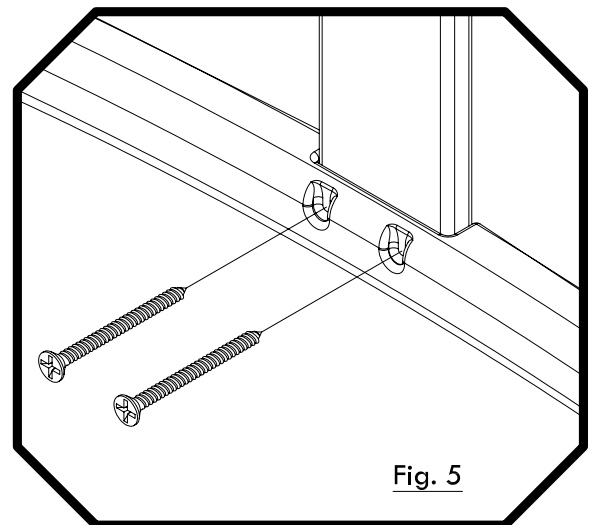
A helper is required for the following phase

Phase 2 : Slide Assembly

- Step 1:** Place 1 slide rail on a flat surface and begin inserting slide bed at the bottom of the slide rail. Put slide support bottom into the support pocket at the bottom of rail and have a helper bend the slide bed towards the top of the slide and insert the bed into the slide cavity. Make sure slide bed is completely down in the slide cavity.
- Step 2:** Place the other slide rail on a flat surface with the slide cavity up. Have a helper hold the top end of slide bed and begin inserting the slide bed and wood supports 'BA' into the cavity and support pockets starting at the bottom of slide and working up to the top.
- Step 3:** Once bed and supports are completely in the cavity and in the support pockets, secure using 2 1/2" deck screws at each of the 24 pilot hole locations as shown below.



Make sure slide bed is completely down in the slide cavity.



Items needed for this phase:

- (1) Slide Rail - Right
- (1) Slide Rail - Left
- (2) Slide Support - BA

Hardware needed for this phase:

- (24) 2 1/2" deck screws

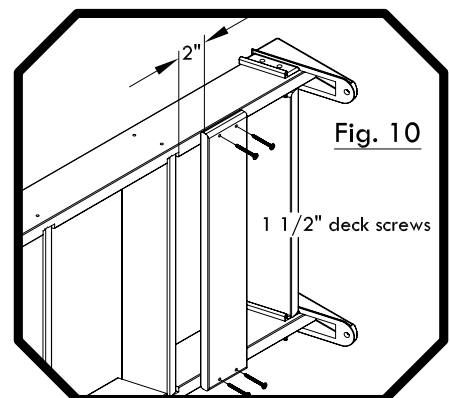
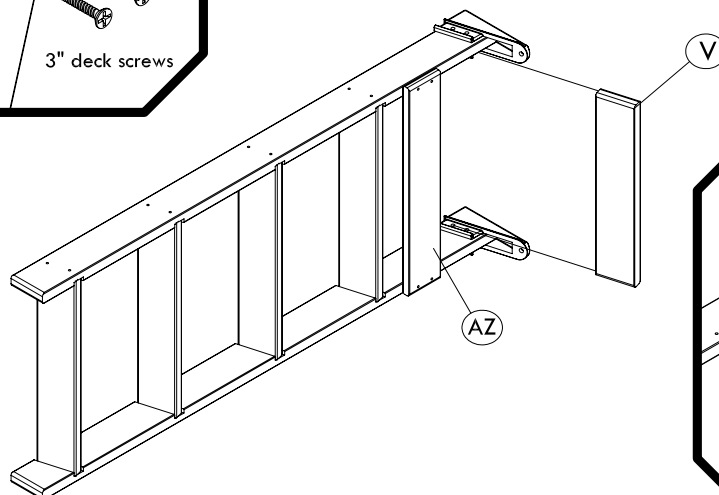
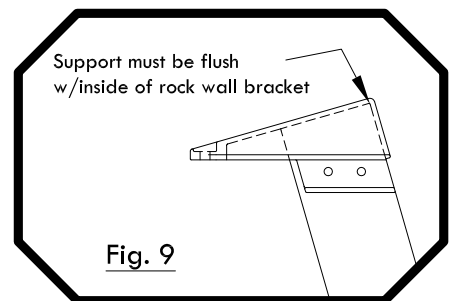
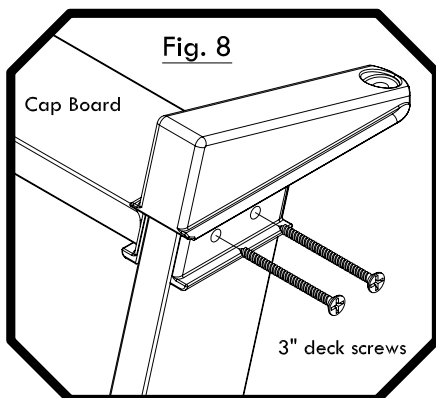
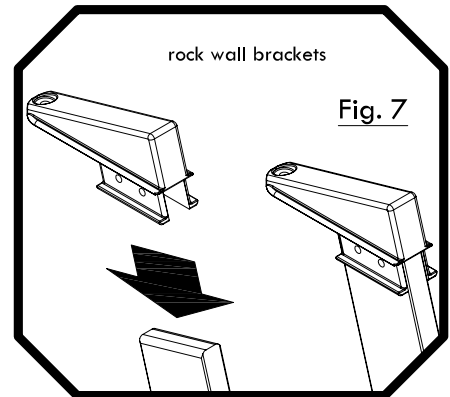
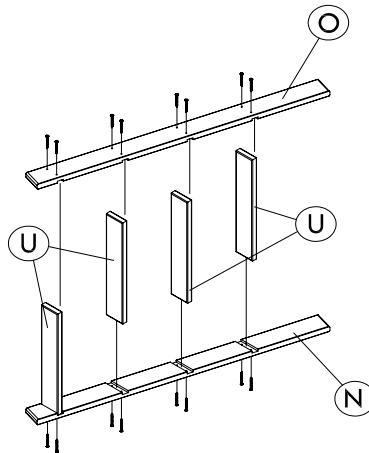
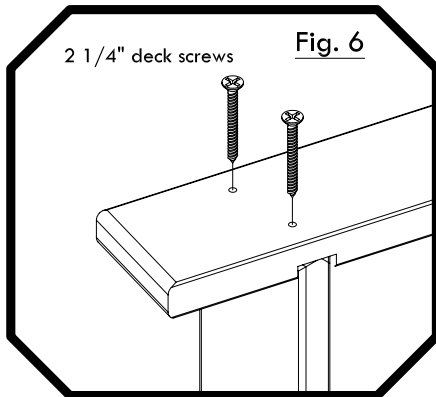
Phase 3: Deck ladder Assembly

Step 1: Attach Ladder Rails 'N' and 'O' to each side of each Ladder Step 'U' using 2 1/4" deck screws.

Step 2: Place Rock Wall Brackets on the top of each Ladder Rails 'N' and 'O'. The end of the board must be flush with the inside of the Rock Wall Bracket as shown in illustration.

Step 3: Slide Cap Board 'V' between each Rock Wall Bracket and attach Rock Wall Bracket to Ladder Rails 'N', 'O' and each side of Cap Board 'V' using 3" deck screws as shown below.

Step 4: Attach Safety Slat 'AZ' to the back of ladder 2" from the top step using 1 1/2" deck screws.



Items needed for this phase:

- (1) Right Deck Ladder Rail 'N'
- (1) Left Deck Ladder Rail 'O'
- (4) Deck Ladder Step 'U'
- (1) Rockwall Cap Board 'V'
- (1) Deck Ladder Safety Slat 'AZ'
- (2) Rock Wall Brackets

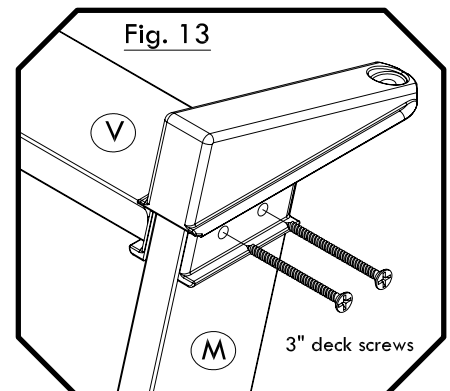
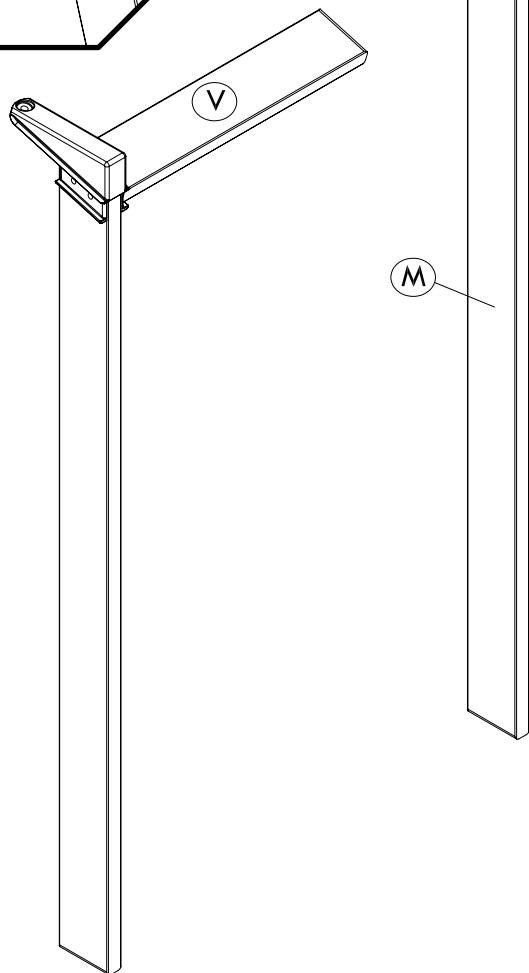
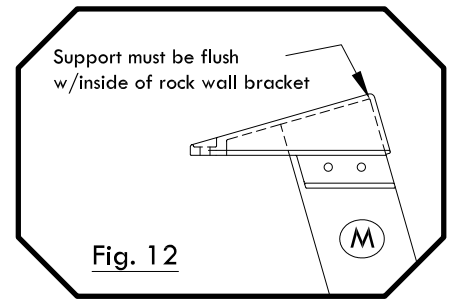
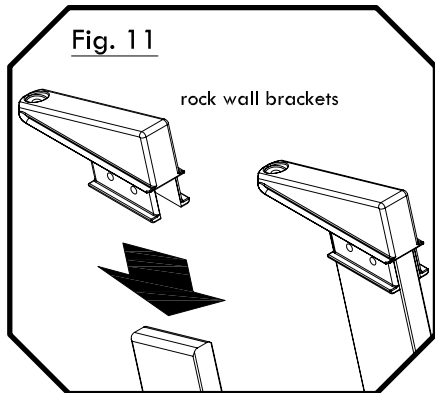
Hardware needed for this phase:

- (16) 2 1/4" deck screws
- (4) 1 1/2" deck screws
- (4) 3" deck screws

Phase 4 : Rock Wall Assembly

Step 1: Place (2) rockwall brackets on the top of each rock wall support. The end of the board must be flush with the inside of the rockwall bracket as shown in illustration.

Step 2: Attach rock wall bracket to rock wall support 'M' and each side of cap board 'V' using 3" deck screws as shown below.



Items needed for this phase:

- (2) Rockwall Support 'M'
- (1) Rockwall Cap Board 'V'
- (2) Rock Wall Brackets

Hardware needed for this phase:

- (4) 3" deck screws

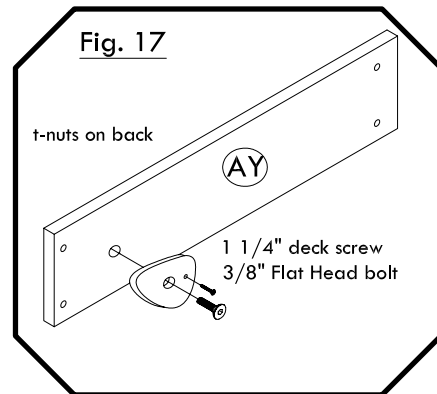
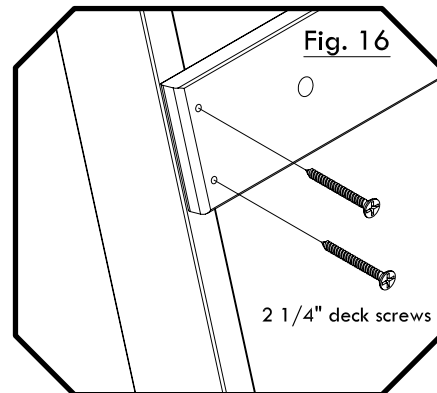
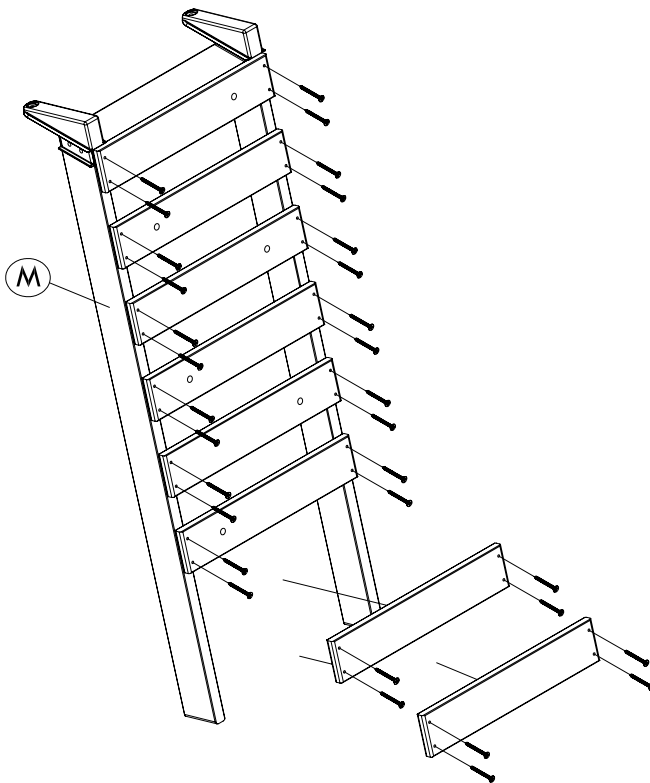
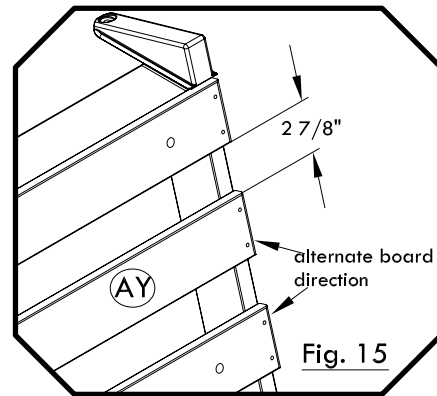
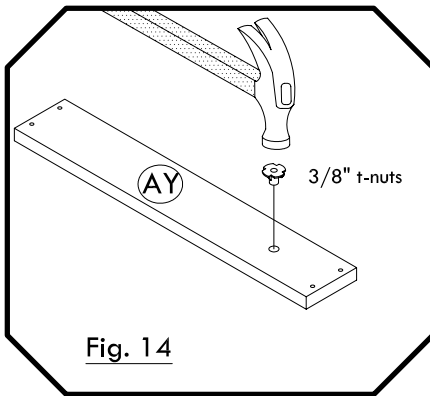
Phase 5 : Rock Wall Assembly

Step 1: Hammer rockwall t-nuts into the back of each rockwall rock board 'AY' as shown below.

Step 2: Attach (1) rock wall rock board 'AY' to rock wall support 'M', flush with the top of cap board and lip of rockwall bracket using $2\frac{1}{4}$ " deck screws through the pre-drilled holes. (t-nut must be on the backside)

Step 3: Attach the remaining rock wall boards 'AY' & 'AX' to rock wall support with a space of $2\frac{7}{8}$ " between each board and alternate rock holes so they do not form a straight line also using $2\frac{1}{4}$ " deck screws. Note that the bottom boards are the rock wall boards without holes.

Step 4: Using the $\frac{3}{8}$ " flathead bolts and $1\frac{1}{4}$ " deck screws, attach climbing rocks to rockwall boards as shown below.



Items needed for this phase:

- (6) Rockwall Rock Boards 'AY'
- (2) Rockwall Boards 'AX'

Hardware needed for this phase:

- (32) $2\frac{1}{4}$ " deck screws
- (1) rock bag with hardware

Phase 6 : Single Beam Assembly

Step 1: Attach 5" Angled brackets to the end of single beam using 2 3/4" hex bolts as shown below.

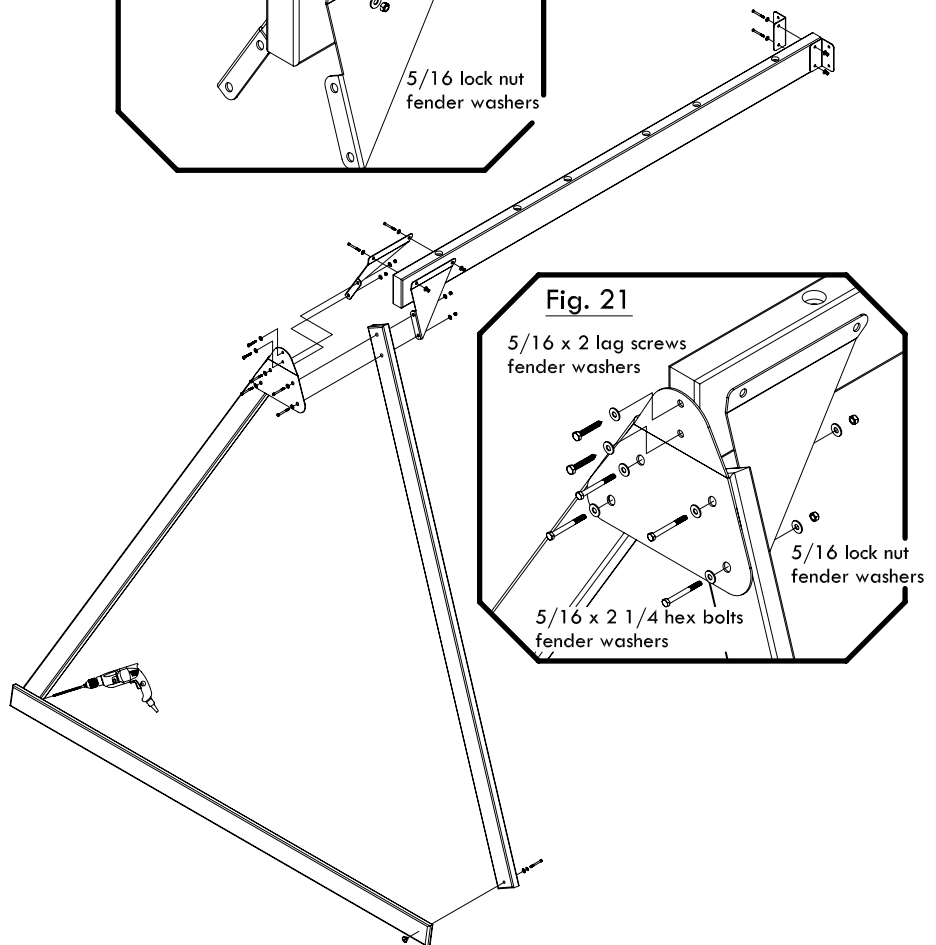
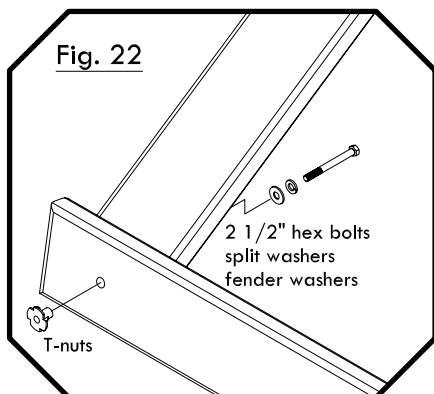
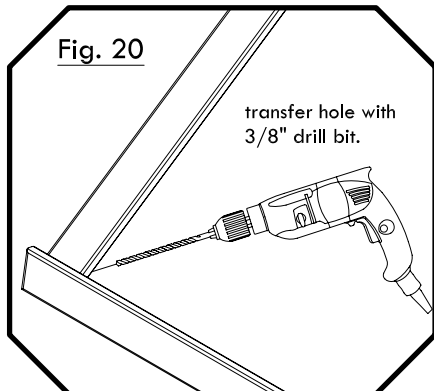
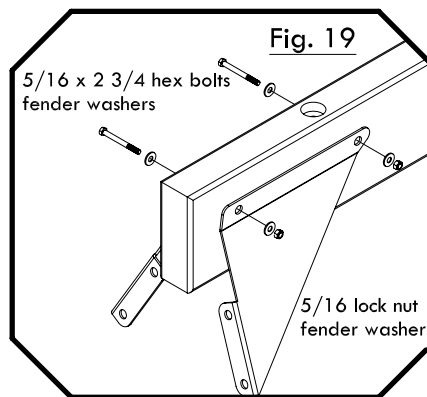
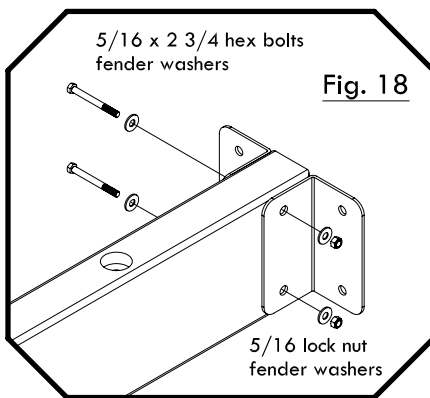
Step 2: Attach the right and left single beam clamp to opposite end of the single beam using 2 3/4" hex bolts. Make sure the single beam clamps are facing the opposite direction of the counter bored holes on the top of the single beam as shown below.

Step 3: Place A-frame boards between single beam end plate and single beam clamp (right and left) as shown. Secure boards and clamps together using 2 1/4" hex bolts and lock nuts on the bottom 4 holes and 2" lag screws on the top 2 holes of the end plate.

PROCEED TO THE NEXT PHASE. YOU WILL BE INSTRUCTED TO COMPLETE STEPS 4 & 5 IN A LATER PHASE .

Step 4: Place the ground beam against the A-frame boards and on the ground centered under the single beam. Transfer holes on the bottom of A-frame boards through the ground beam with 3/8" drill bit.

Step 5: Insert t-nut into the hole through the front of the ground beam and use a 2 1/2" hex bolt through the bottom of A-frame to attach it to the ground beam as shown below.



Items needed for this phase:

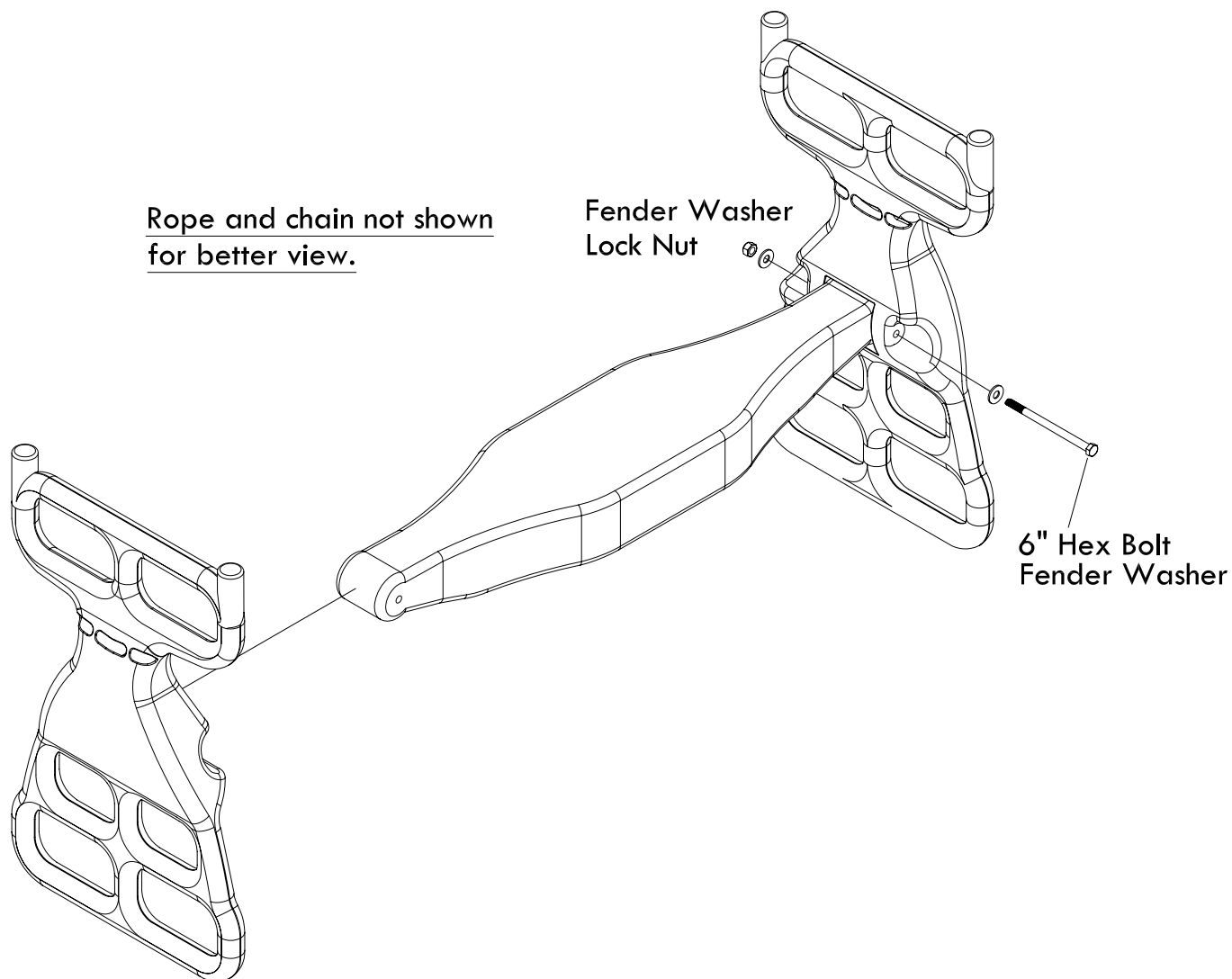
- | | |
|-----------------------------------|-----------------------------|
| (1) Single Beam Top Beam 'B' | (1) Single Beam End Plate |
| (2) Single Beam A-Frame Board 'E' | (1) Left Single Beam Clamp |
| (1) A-Frame Ground Beam 'K' | (1) Right Single Beam Clamp |
| (2) Brace - 5" Angled | |

Hardware needed for this phase:

- | | |
|----------------------|---------------------|
| (4) 2 3/4" hex bolts | (2) T-nuts |
| (4) 2 1/4" hex bolts | (8) Lock Nuts |
| (2) 2" lag screws | (2) Split Washers |
| (2) 2 1/2" hex bolts | (20) Fender Washers |

Phase 7 : Glider Assembly

Step 1: Insert glider seat into glider arms & attach with (2) 6" hex bolts, (4) fender washers & (2) lock nuts as shown.



Items needed for this phase:

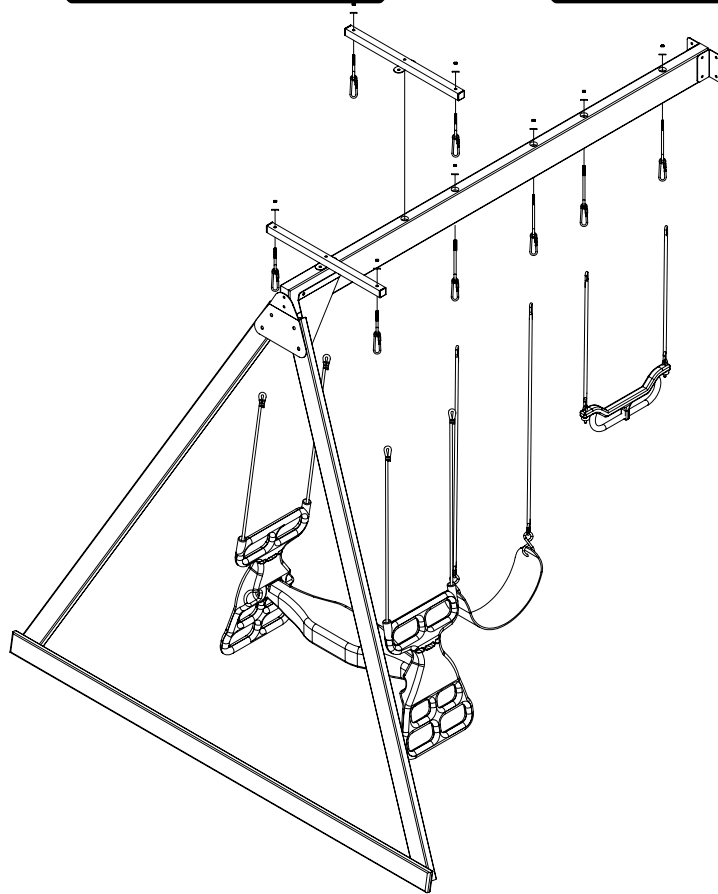
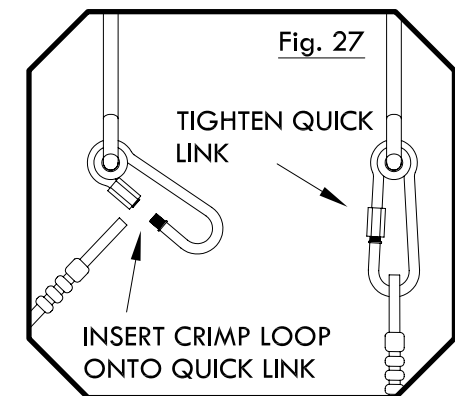
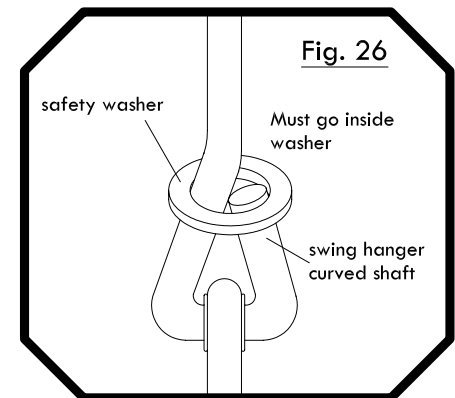
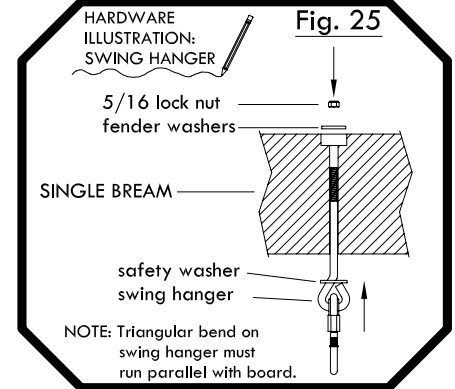
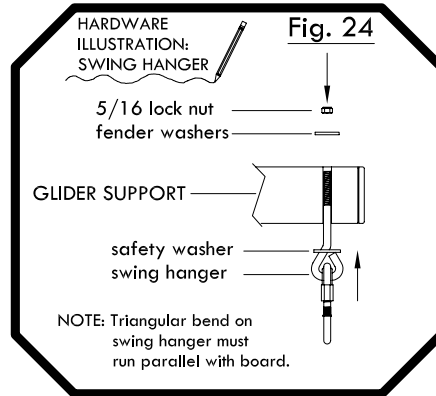
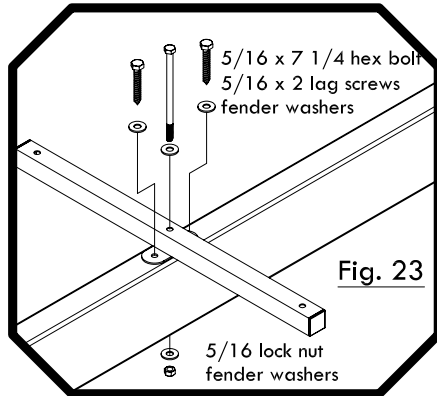
- (1) Glider Seat
- (2) Glider Arm Assemblies

Hardware needed for this phase:

- (2) 6" Hex Bolts
- (2) Lock Nuts
- (4) Fender Washers

Phase 8 : Single Beam Assembly

- Step 1:** Insert 7 1/4" hex bolts through the top of each hole on the glider support and through the single beam. Attach each glider support with a fender washer and a lock nut and secure with 2" lag screws on each side of support as shown below.
- Step 2:** Insert 2 swing hanger (1 3/4") bolts through the bottom of each hole at the end of each glider support. Secure each swing hanger with a fender washer and a lock nut as shown below. Make sure that safety washer is in place so that the curved shaft of the swing hanger is on the inside of the safety washer as shown.
- Step 3:** Insert 4 swing hanger (5 1/8") bolts through the bottom of each hole on the top single beam. Secure each swing hanger with a fender washer and a lock nut as shown below. Make sure that safety washer is in place so that the curved shaft of the swing hanger is on the inside of the safety washer as shown.
- Step 4:** Attach each swing accessory to the swing hanger quick link as shown in illustration.



Items needed for this phase:

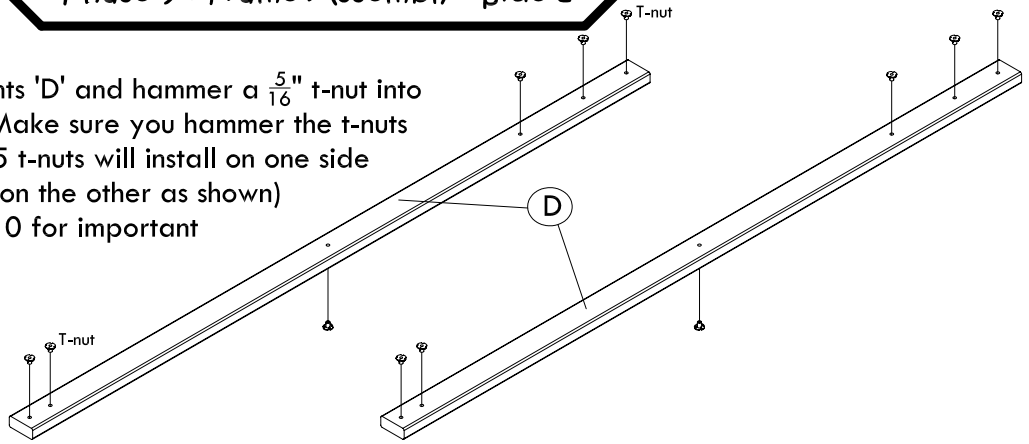
- | | |
|--------------------------------|---------------------------|
| (1) Single Beam Assembly | (1) Swing Seat Assemblies |
| (2) Single Beam Glider Support | (1) Trapeze |
| (1) Glider Assembly | |

Hardware needed for this phase:

- | | |
|------------------------------------|---------------------|
| (2) 7 1/4" Hex Bolts | (16) fender washers |
| (4) 2" Lag Screws | (10) Lock Nuts |
| (4) 5 1/8" Swing Hanger Quick Link | (8) Safety Washers |
| (4) 1 3/4" Swing Hanger Quick Link | |

Phase 9 : Frame Assembly - Side 1

Step 1: Gather (2) Fort Uprights 'D' and hammer a $\frac{5}{16}$ " t-nut into each hole on shown. Make sure you hammer the t-nuts into the sides shown. (5 t-nuts will install on one side and 1 t-nut will install on the other as shown)
See Note 3 on Page 10 for important information on T-nuts.



Step 2: Attach (1) Floor Joist 'Q' to the Fort Uprights on the side shown with $2\frac{1}{2}$ " hex bolts with split and flat washers. You will place the bolt with washers through the Joist, then the upright and into the t-nuts installed in Step 1.

Step 3: Attach Ground Beams 'Z' and 'AD' to the bottom of the Fort Uprights 'D' with (4) 3" hex bolts with split and fender washers though the boards and into the previously installed t-nuts as shown. Boards 'Z' and 'AD' will overlap with board 'Z' being on the outside as shown.

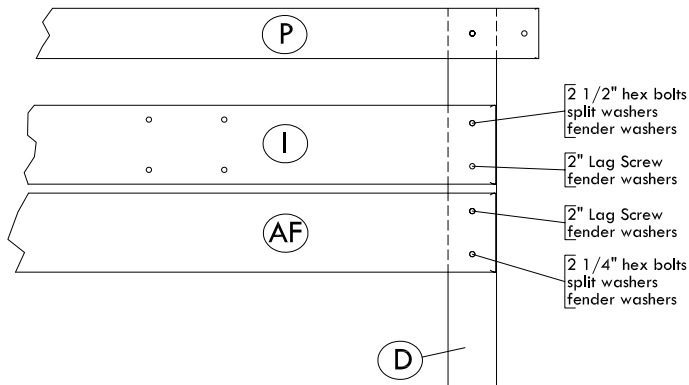
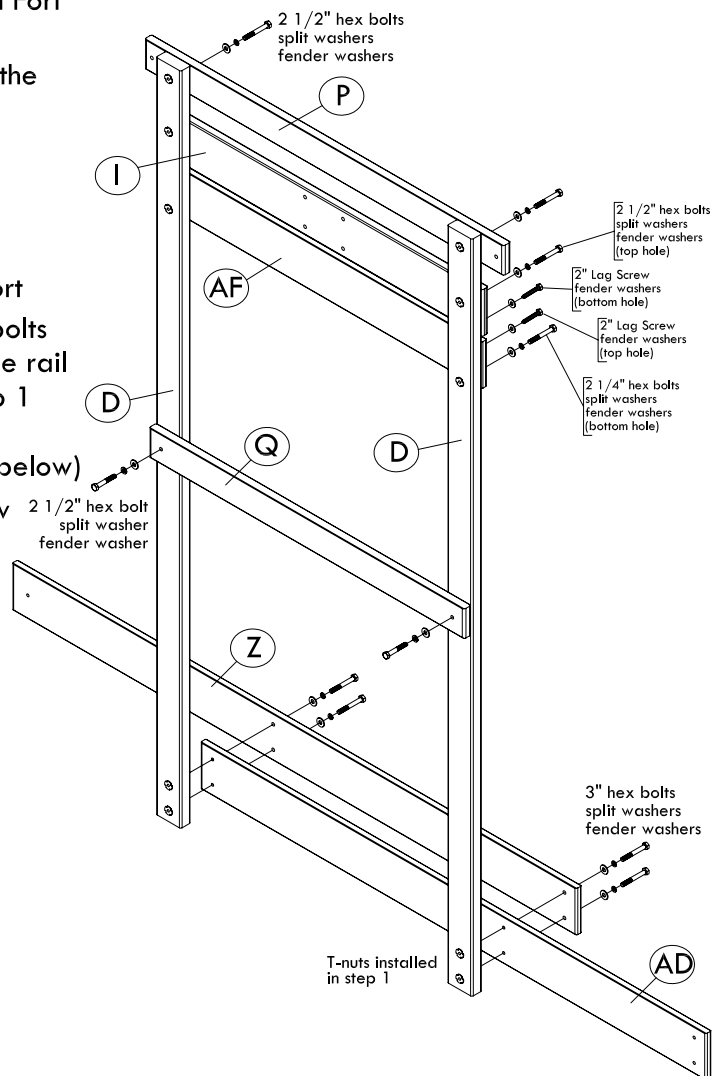
Step 4: Attach (1) Roof Cross Brace 'P' to the top of each Fort Upright using $2\frac{1}{2}$ " hex bolts with split and fender washers through the Brace and Upright and into the t-nuts installed in Step 1.



Take a moment and make sure the Frame is Square and Level, this is necessary for proper playset assembly.

Step 5: Attach (1) Single Beam Attachment Rail 'I' to the Fort Uprights, below the Cross Brace 'P' using $2\frac{1}{2}$ " hex bolts with split and fender washers in the top holes of the rail through Upright and into the t-nuts installed in Step 1 and attach the bottom holes of the rail with 2" lag screws with fender washers as shown. (see detail below)

Step 6: Attach (1) Fort Rail 'AF' to the Fort Uprights, below the Attachment Brace 'I' using $2\frac{1}{4}$ " hex bolts with split and fender washers in the bottom holes of the rail through Upright and into the t-nuts installed in Step 1 and attach the top holes of the rail with 2" lag screws with fender washers as shown. (see detail below)



Items needed for this phase:

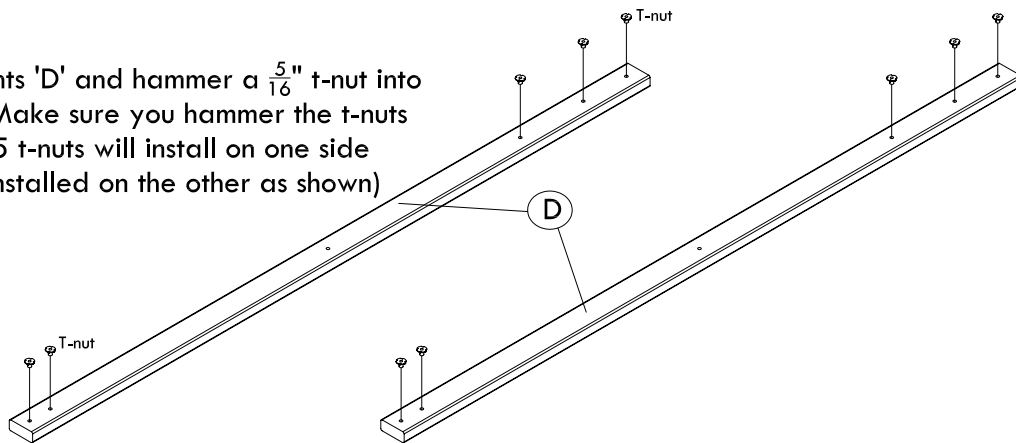
(2) Fort Uprights 'D' (1) Floor Joist 'Q' (1) Wall Rail 'AF'
(1) Single Beam Attachment Rail 'I' (1) Ground Beam 'Z'
(1) Roof Cross Brace 'P' (1) Ground Beam 'AD'

Hardware needed for this phase:

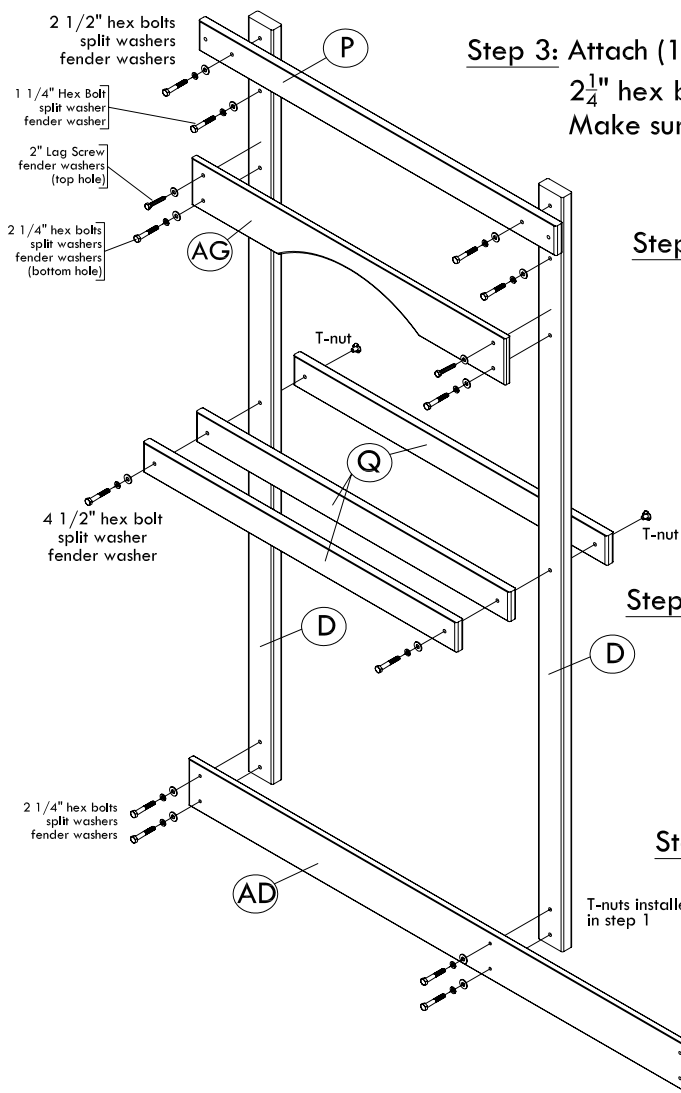
(4) 3" Hex Bolts (4) 2" Lag Screws (12) t-nuts
(6) 2 1/2" Hex Bolts (12) Split Washers
(2) 2 1/4" Hex Bolts (16) Fender Washers

Phase 10 : Frame Assembly - Side 2

Step 1: Gather (2) Fort Uprights 'D' and hammer a $\frac{5}{16}$ " t-nut into each hole on shown. Make sure you hammer the t-nuts into the sides shown. (5 t-nuts will install on one side and no t-nuts will be installed on the other as shown)



Step 2: Attach (3) Floor Joist 'Q' to the Fort Uprights, with (2) on the side shown and (1) on the other using $4\frac{1}{2}$ " hex bolts with split and flat washers. You will need to hammer (2) t-nuts into the backside of the Floor Joist opposite the (2) joists. Place the bolt with washers through (2) Joists, then the upright and the remaining joist and into the t-nuts installed in the holes.



Step 3: Attach (1) Ground Beam 'AD' to the bottom of the Fort Uprights with $2\frac{1}{4}$ " hex bolts with split and flat washers into t-nuts place in Step 1. Make sure you position the Board 'AD' as shown in the illustration.

Step 4: Attach (1) Roof Cross Brace 'P' to the top of each Fort Upright using $2\frac{1}{2}$ " hex bolts with split and fender washers through the Brace and Upright and into the t-nuts installed in Step 1.



Take a moment and make sure the Frame is Square and Level, this is necessary for proper playset assembly.

Step 5: Attach (1) Arched Fort Rail 'AG' to the Fort Uprights, where shown using $2\frac{1}{4}$ " hex bolts with split and fender washers in the bottom holes of the rail through Upright and into the t-nuts installed in Step 1 and attach the top holes of the rail with 2" lag screws with fender washers as shown.

Step 6: The 2nd hole down from the top of the Upright will not be used in the assembly of this playset and will need to be plugged. Do this by simply placing a $1\frac{1}{4}$ " hex bolt with split and fender washers through the hole and into the t-nut on the backside.

Items needed for this phase:

(2) Fort Uprights 'D'
(1) Roof Cross Brace 'P'
(3) Floor Joists 'Q'

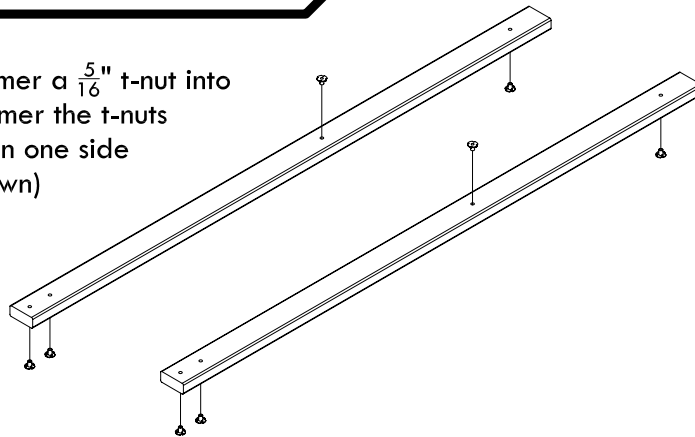
(1) Ground Beam 'AD'
(1) Arched Fort Rail 'AG'

Hardware needed for this phase:

(2) 4 1/2" Hex Bolts	(2) 1 1/4" Hex Bolts	(12) t-nuts
(2) 2 1/2" Hex Bolts	(12) Split Washers	(2) 2" Lag Screws
(6) 2 1/4" Hex Bolts	(14) Fender Washers	

Phase 11 : Frame Assembly - Side 3

Step 1: Gather (2) Sundeck Uprights 'F' and hammer a $\frac{5}{16}$ " t-nut into each hole on shown. Make sure you hammer the t-nuts into the sides shown. (1 t-nut will install on one side and 3 t-nut will install on the other as shown)

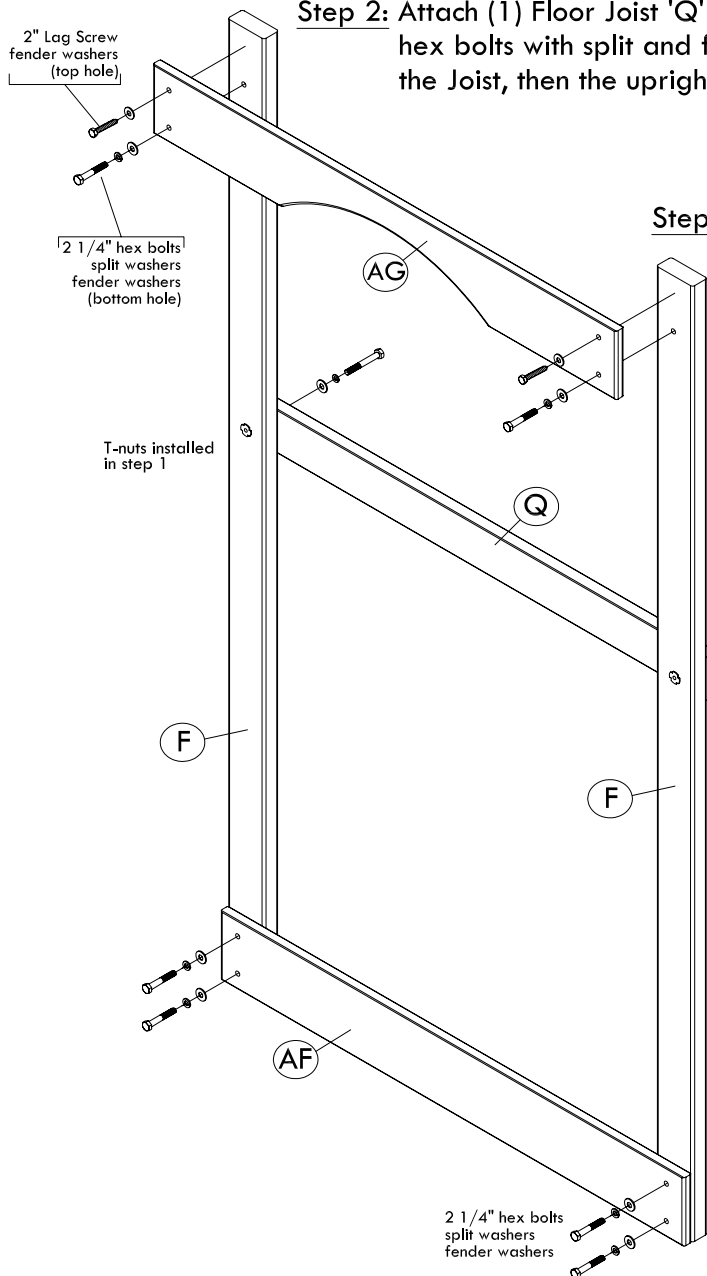


Step 2: Attach (1) Floor Joist 'Q' to the Sundeck Uprights 'F' on the side shown with $2\frac{1}{2}$ " hex bolts with split and flat washers. You will place the bolt with washers through the Joist, then the upright and into the t-nuts installed in Step 1.

Step 3: Attach Sandbox Board 'AF' to the bottom of the Sundeck Uprights 'F' with (4) $2\frac{1}{4}$ " hex bolts with split and fender washers through the boards and Upright then into previously installed t-nuts as shown.



Take a moment and make sure the Frame is Square and Level, this is necessary for proper playset assembly.



Step 5: Attach (1) Arched Fort Rail 'AG' to the Fort Uprights, where shown using $2\frac{1}{4}$ " hex bolts with split and fender washers in the bottom holes of the rail through Upright and into the t-nuts installed in Step 1 and attach the top holes of the rail with 2" lag screws with fender washers as shown.

Items needed for this phase:

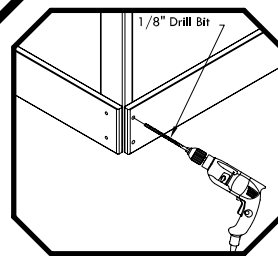
- | | |
|-------------------------|---------------------------|
| (2) Sundeck Upright 'F' | (1) Sandbox Board 'AF' |
| (1) Floor Joist 'Q' | (1) Arched Wall Rail 'AG' |

Hardware needed for this phase:

- | | | |
|--------------------------------|---------------------|-------------------|
| (2) $2\frac{1}{2}$ " Hex Bolts | (10) Fender Washers | (8) T-nuts |
| (6) $2\frac{1}{4}$ " Hex Bolts | (8) Split Washer | (2) 2" Lag Screws |

Phase 12 : Frame Assembly - Side 1 to Side 2

Note: When installing a board on the small face of a 2x4, pre-drilling the attachment hole is REQUIRED. Just place the board where attachment is needed and by using the holes in the board as a guide, drill holes into the 2x4 with a $\frac{1}{8}$ " drill bit $1\frac{1}{4}$ " deep. Failure to Pre-drill may result in board splitting

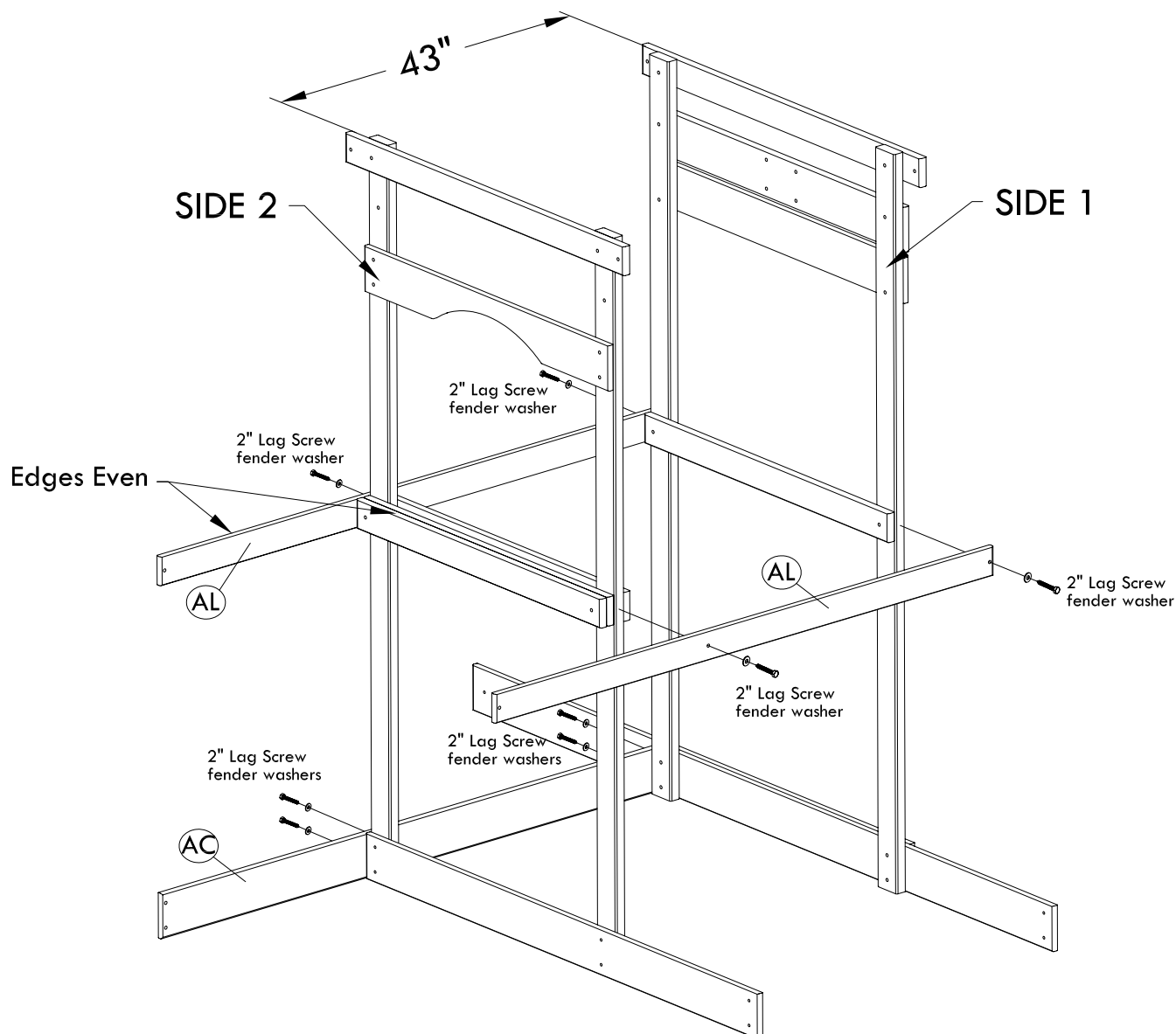


Step 1: Connect Frame Side 1 with Frame Side 2 by placing (1) Floor Support 'AL' on each side of the Frames, even with the Floor Joists 'Q', and attaching to the Fort Uprights with (2) 2" Lag Screws with Fender Washers each as shown. Make sure you keep a dimension of 43" between the outside of the Frame Uprights as shown.



Take a moment and make sure the Frame is Square and Level, this is necessary for proper playset assembly.

Step 2: Connect the bottoms of Side 1 & 2 by placing (1) Ground Beam 'AC' even with the bottom of the Uprights, and attaching to the Fort Uprights using (4) 2" Lag Screws with Fender Washers each as shown. Make sure you keep a dimension of 43" between the outside of the Frame Uprights as shown.



Items needed for this phase:

Frame - Side 1
Frame - Side 2

(1) Ground Beam 'AC'
(2) Floor Supports 'AL'

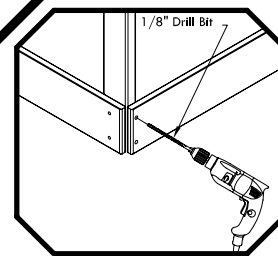
Hardware needed for this phase:

(8) 2" Lag Screws

(8) Fender Washers

Phase 13 :Frame Assembly - Side 3 Attachment

Note: When installing a board on the small face of a 2x4, pre-drilling the attachment hole is REQUIRED. Just place the board where attachment is needed and by using the holes in the board as a guide, drill holes into the 2x4 with a $\frac{1}{8}$ " drill bit $1\frac{1}{4}$ " deep. Failure to Pre-drill may result in board splitting

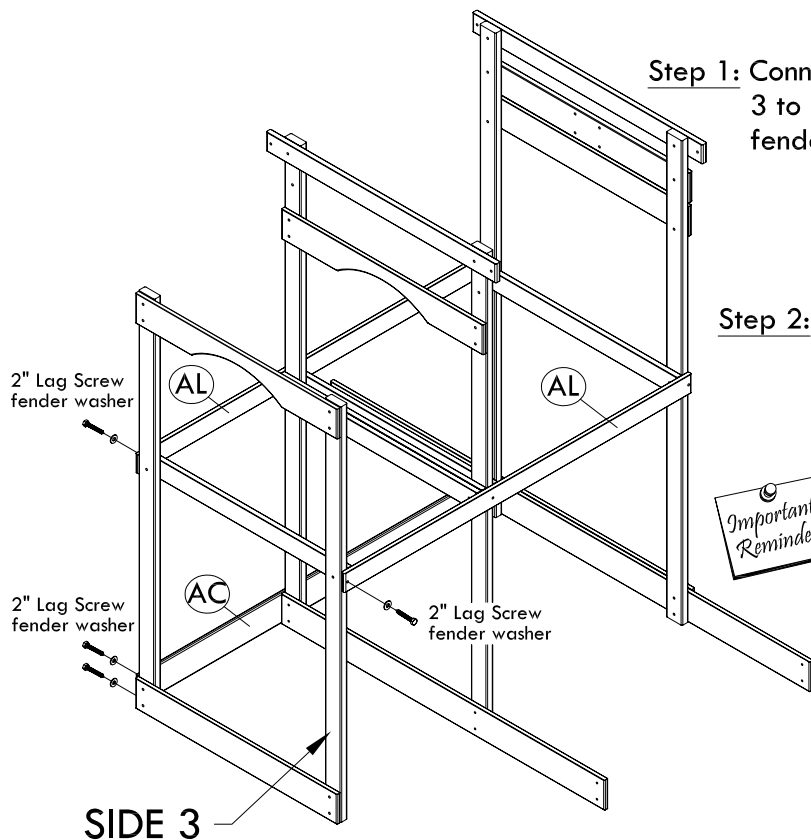


Step 1: Connect Frame Side 3 with Fort Frame by attaching side 3 to Floor Supports 'AL' with (1) 2" Lag screw with fender washer per side as shown.

Step 2: Attach Frame Side 3 to Ground Beam 'AC' with (2) 2" lag screws with fender washers as shown.

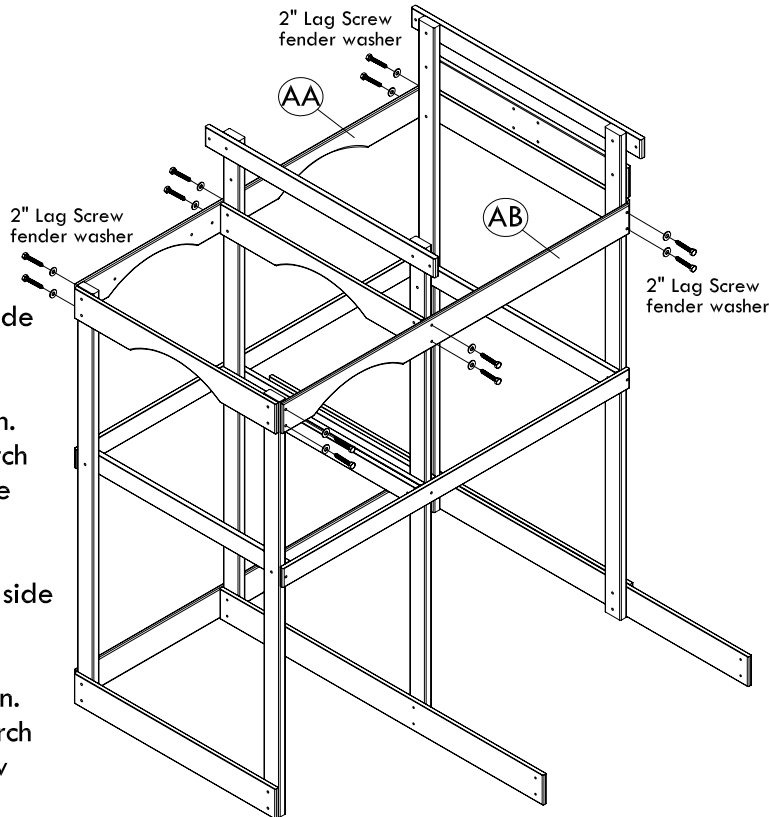


Take a moment and make sure the Frame is Square and Level, this is necessary for proper playset assembly.



Step 3: Place (1) Single Arch Fort Rail 'AB' on the side shown, even with the previously placed arched rails, and attach to fort using (6) 2" lag screws with fender washers as shown. (make sure you position the Rail with the Arch over the narrow opening, between Fort side 2 & 3)

Step 4: Place (1) Double Arch Fort Rail 'AA' on the side shown, even with the previously placed arched rails, and attach to fort using (6) 2" lag screws with fender washers as shown. (make sure you position the Rail with the Arch with the monkey bar holes, over the narrow opening, between Fort side 2 & 3)



Items needed for this phase:

Frame - Side 3
(1) Double Arch Fort Rail 'AA'

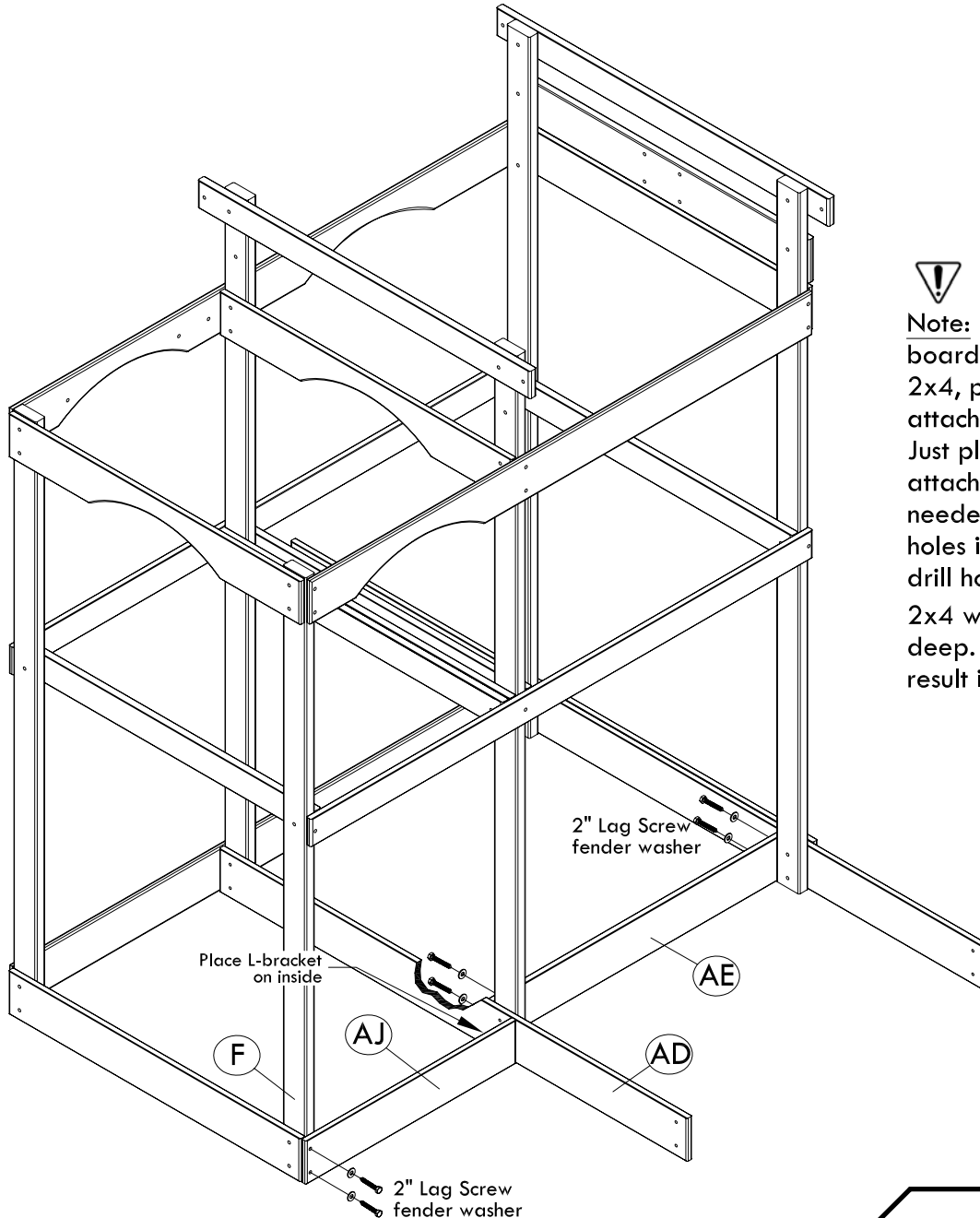
(1) Single Arch Fort Rail 'AB'

Hardware needed for this phase:

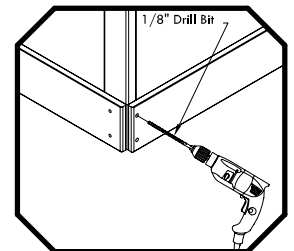
(16) 2" Lag Screws
(16) Fender Washer

Phase 14 : Frame Assembly

Step 1: Attach Sandbox Board 'AE' to the bottom of the Fort Uprights 'D' shown using (4) 2" lag screws with fender washers as shown.

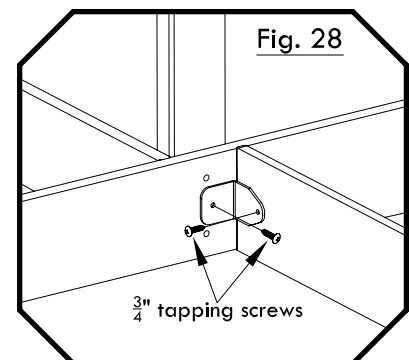


Note: When installing a board on the small face of a 2x4, pre-drilling the attachment hole is **REQUIRED**. Just place the board where attachment is needed and by using the holes in the board as a guide, drill holes into the 2x4 with a $\frac{1}{8}$ " drill bit $1\frac{1}{4}$ " deep. Failure to Pre-drill may result in board splitting



Step 2: Attach Ground Board 'AJ' to the bottom of the Sundeck Upright 'F' shown with (2) 2" lag screws with fender washers.

Step 3: Attach the other end of Ground Board 'AJ' to Ground Board 'AD' with (2) $\frac{3}{4}$ " tapping screws and (1) L-bracket as shown in the Detail to the right. The L-bracket will go on the inside of the fort.



Items needed for this phase:

- (1) Sandbox Board 'AE'
- (1) Metal L-bracket
- (1) Ground Board 'AJ'

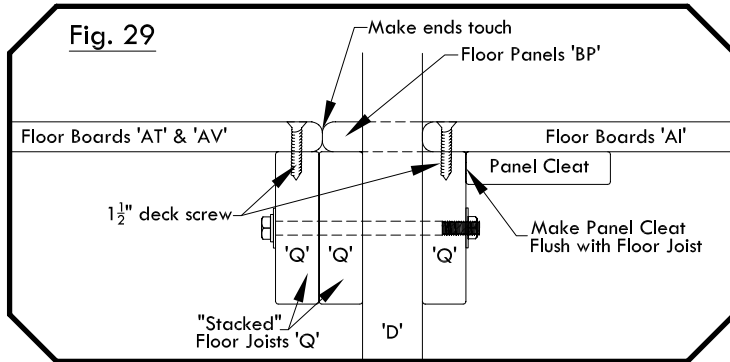
Hardware needed for this phase:

- (6) 2" Lag Screws
- (6) Fender Washers
- (2) $\frac{3}{4}$ " Tapping Screws

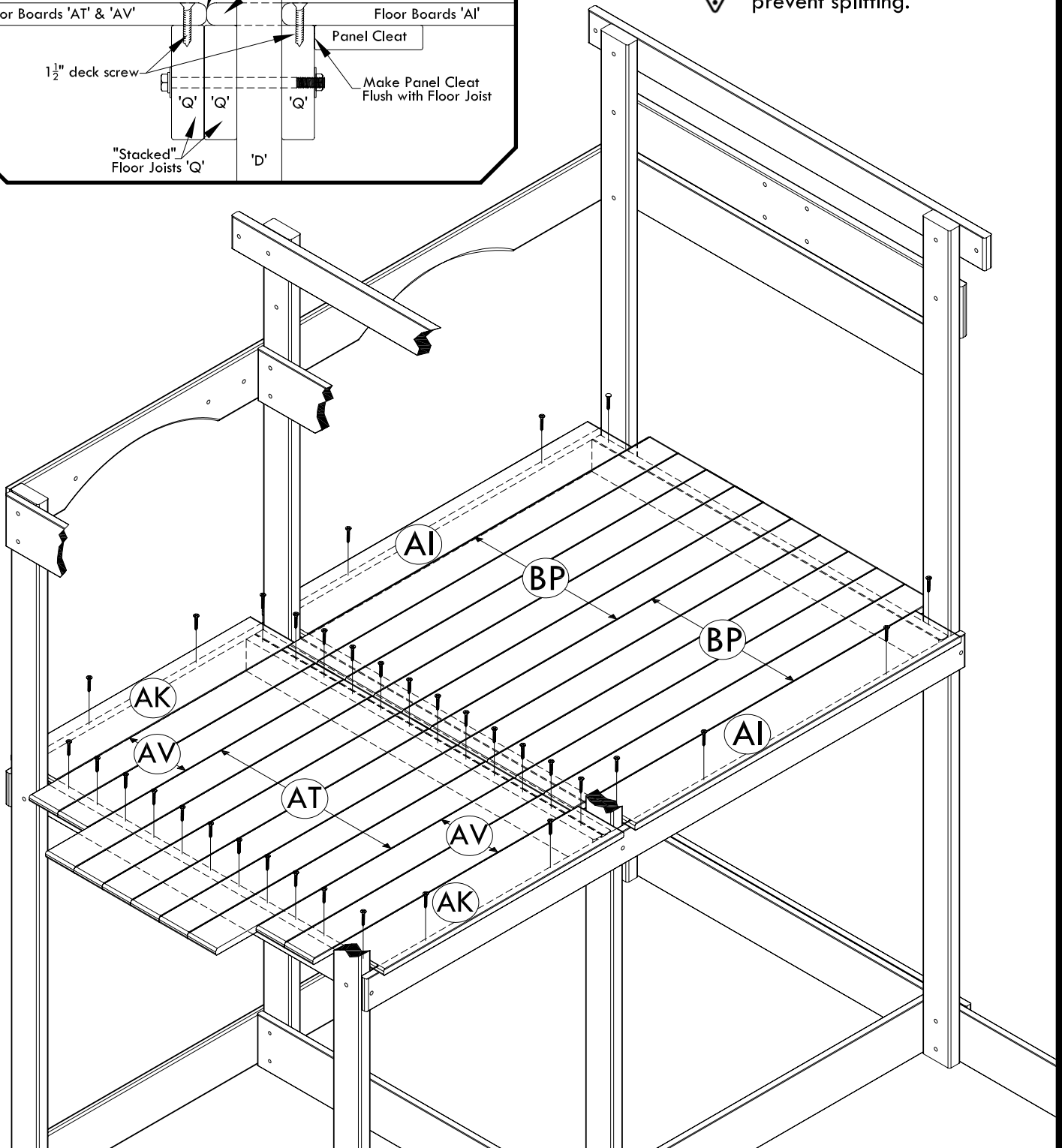
Phase 15 : Floor Attachment

Step 1: Place the Floor Boards onto the Floor Joists 'Q' & Floor Supports 'AL' in the pattern shown. Attach Floor Boards 'AT', 'AV', 'AI' & 'AK' to the Sundeck with (2) 1 1/2" deck screws per 'AT' & 'AV' and (4) 1 1/2" deck screws per 'AK' & 'AI' as shown. Make sure the Floor boards are placed as shown in the detail, with the edges near the middle of the (2) "stacked" Floor Joists 'Q'. You will attach 'BP' in the next Phase.

Fig. 29



Note: Pre-drilling 1/8" pilot holes through floor boards will prevent splitting.



Items needed for this phase:

- (2) End Floor Boards 'AI'
- (2) End Floor Boards 'AK'
- (6) Sundeck Floor Boards 'AT'
- (4) Sundeck Floor Boards 'AV'
- (2) Floor Panels 'BP'

Hardware needed for this phase:

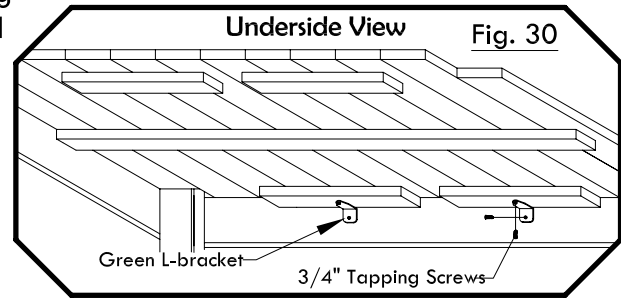
- (36) 1 1/2" Deck Screws

Phase 16 : Floor Attachment

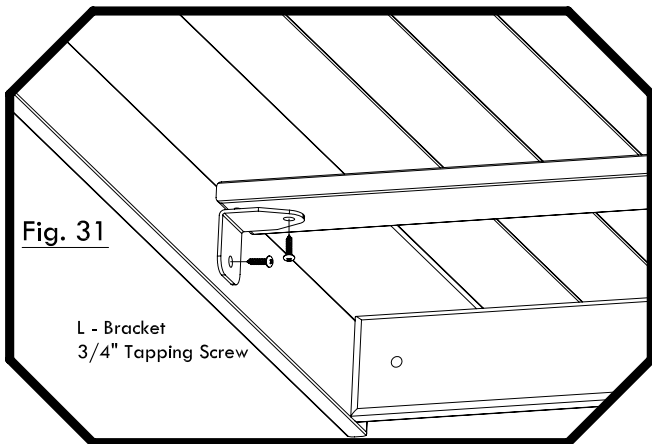
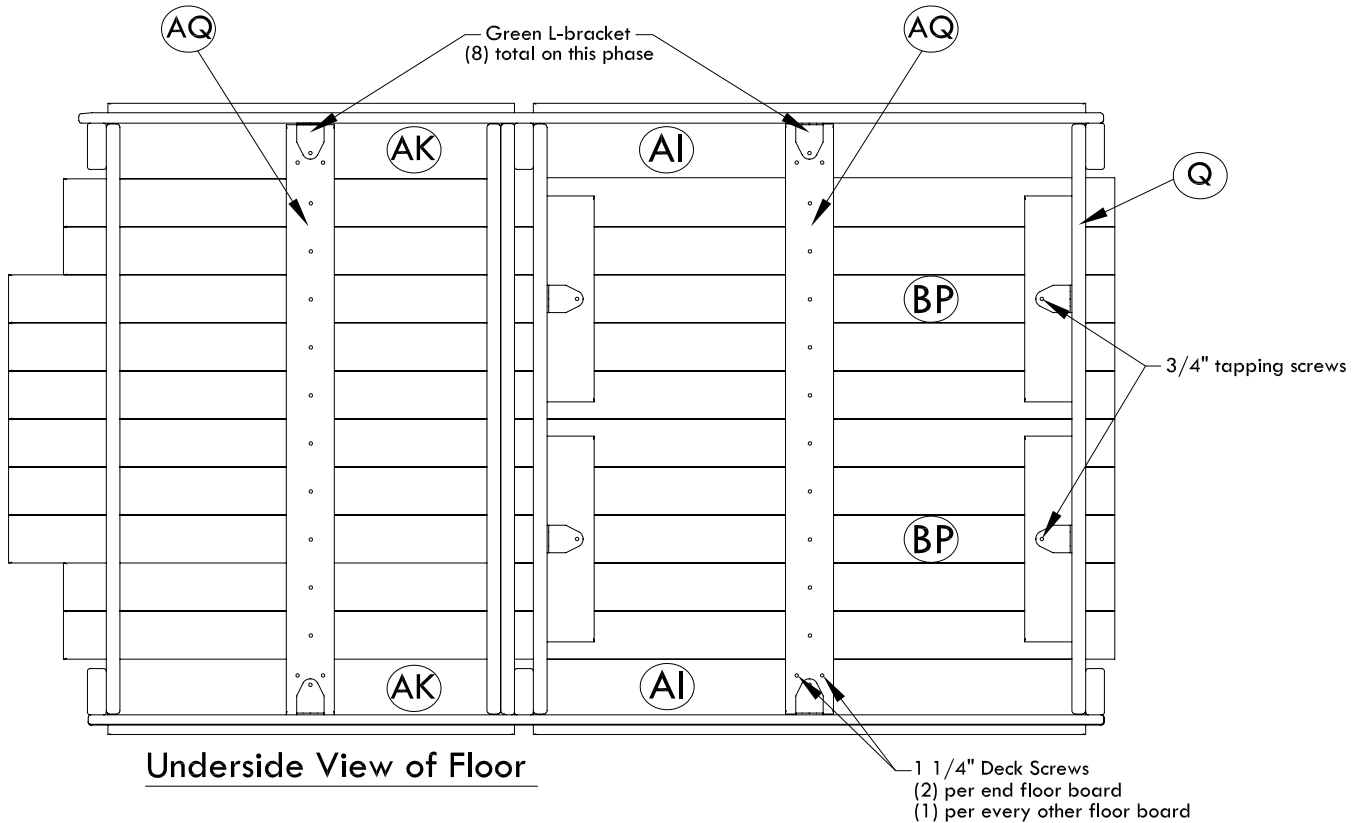
Note: Do not overtighten the Deck screws, overtightening may cause the screw to stick through the exposed side of the floor and may cause sharp points. The head of the screw should NOT sink into the wood for this Phase, it should be flush.



Step 1: Attach Floor Panels 'BP' to the Floor Joists 'Q' using (2) $\frac{3}{4}$ " tapping screws and (1) L-bracket per panel cleat as shown.



Step 2: Center (1) Middle Floor Brace 'AQ' under each half of the floor, the sundeck half and the fort half and attach the Brace to each floor board with $1\frac{1}{4}$ " deck screws as shown. Use (2) deck screws for each End Floor Board, 'AI' and 'AK', and use (1) deck screw for every other floor board as shown.



Step 3: Finish attaching the Middle Floor Braces 'AQ' to the fort, using (1) L-bracket and (2) $\frac{3}{4}$ " tapping screws per end, in the same manner that you attached the Floor Panels.

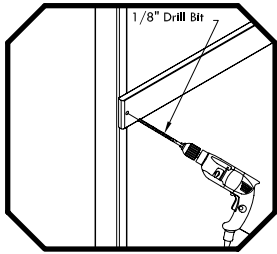
Items needed for this phase:

(2) Middle Floor Braces 'AQ'
(8) Metal L-brackets

Hardware needed for this phase:

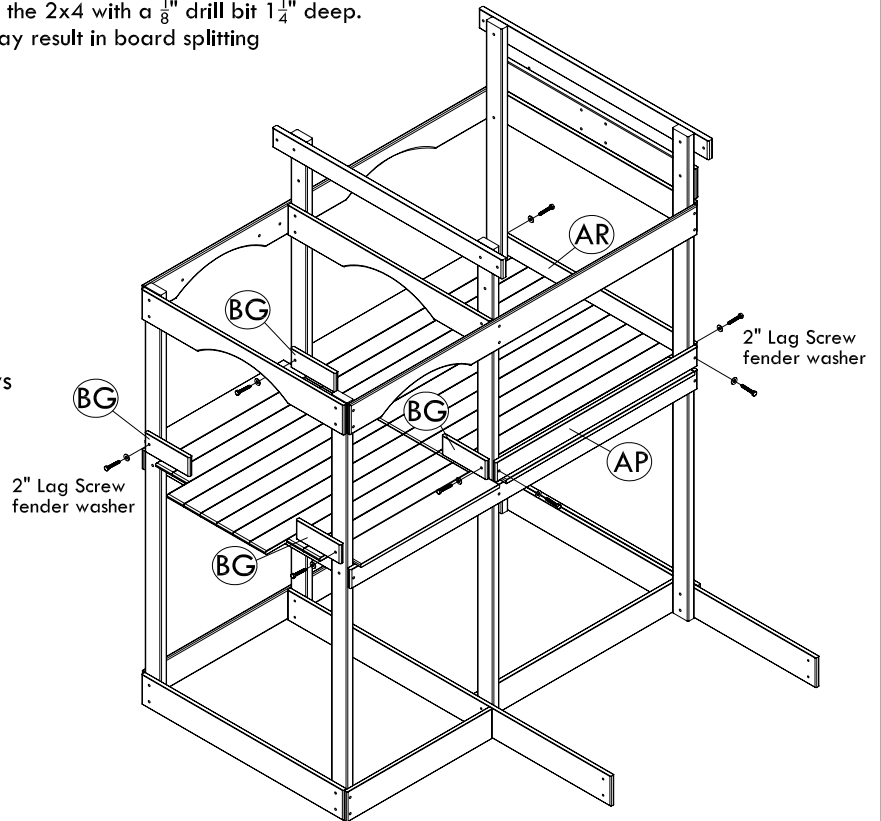
(28) $1\frac{1}{4}$ " Deck Screws
(16) $\frac{3}{4}$ " Tapping Screws

Phase 17 : Wall Rail Attachment

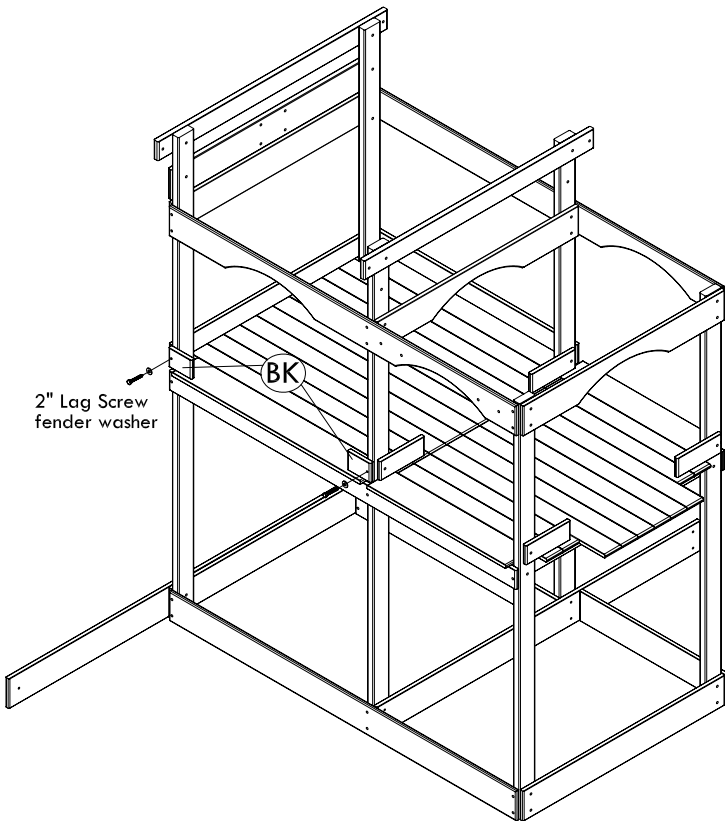


Note: When installing a board on the small face of a 2x4, pre-drilling the attachment hole is **REQUIRED**. Just place the board where attachment is needed and by using the holes in the board as a guide, drill holes into the 2x4 with a $\frac{1}{8}$ " drill bit $1\frac{1}{4}$ " deep. Failure to Pre-drill may result in board splitting

Step 1: Attach Wall Rails 'AP', 'AR' & 'BG' to the Uprights where shown using 2" lag screws with fender washers as shown.



Step 2: Attach Wall Rails 'BK' to the Fort Uprights where shown using 2" lag screws with fender washers as shown.



Items needed for this phase:

- | | |
|--------------------|---------------------|
| (1) Fort Rail 'AP' | (4) Wall Rails 'BG' |
| (1) Fort Rail 'AR' | (2) Wall Rails 'BK' |

Hardware needed for this phase:

- (10) 2" Lag Screws
(10) Fender Washers

Phase 18 : Fort Bracing

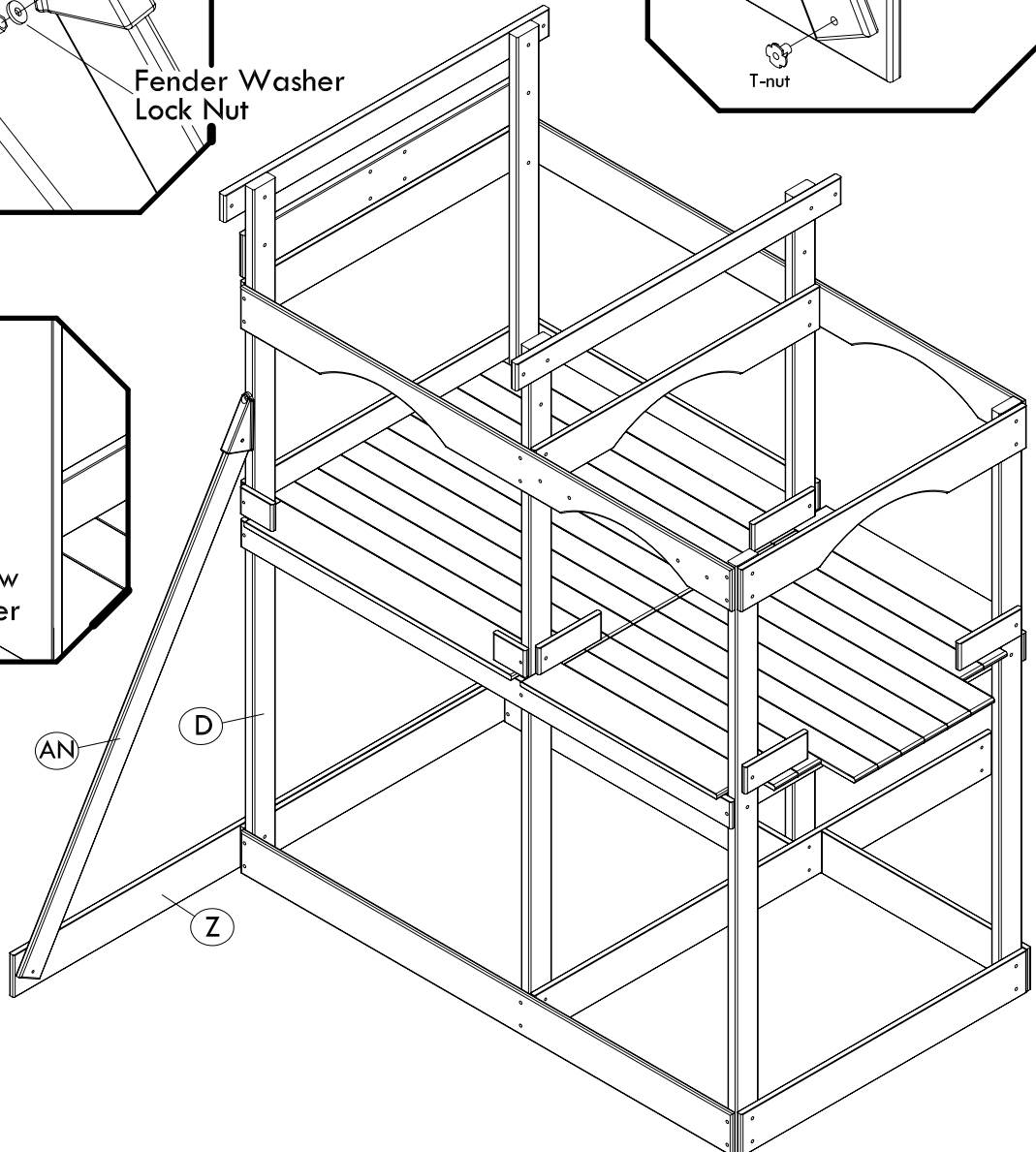
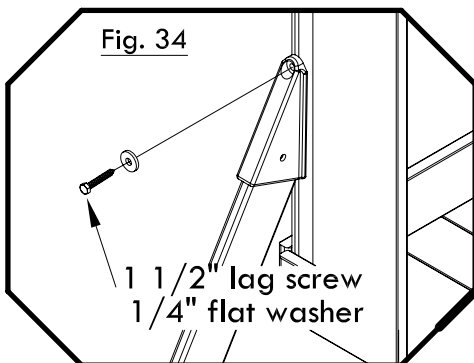
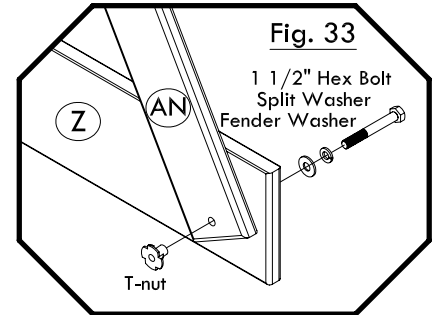
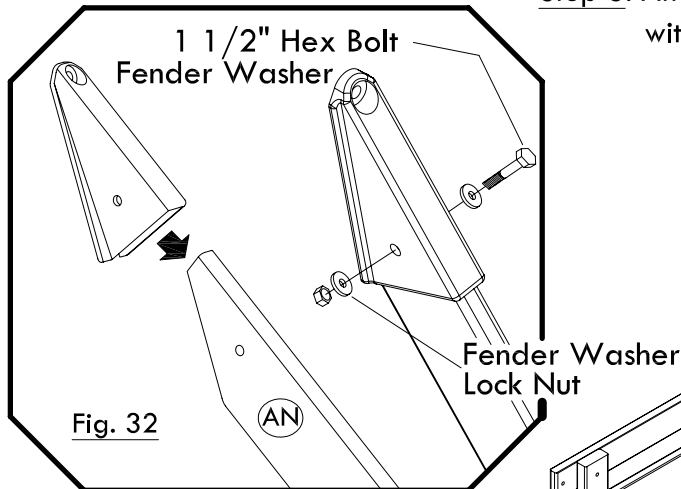


Take a moment and make sure the Frame is Square and Level, this is necessary for proper playset assembly.

Step 1: Place the Plastic Angle Bracket over the angled cut end of the Fort Angle Brace 'AN' and attach using a 1 1/2" hex bolt, (2) fender washers and a lock nut as shown in Fig 32 below.

Step 2: Hammer a t-nut into the hole on the end of the Angle Brace 'AN' and attach to the end of Ground Beam 'Z' using a 1 1/2" hex bolt with split and flat washers as shown in Fig 33.

Step 3: Attach Plastic Angle Bracket to the Fort Upright 'D' shown with a 1 1/2" lag screw and 1/4" flat washer. (see Fig 34)



Items needed for this phase:

- (1) Fort Angle Brace 'AN'
- (1) Plastic Angle Bracket

Hardware needed for this phase:

- | | | |
|----------------------|--------------------|-----------|
| (2) 1 1/2" Hex Bolt | (1) Split Washer | (1) T-nut |
| (1) 1 1/2" Lag Screw | (3) Fender Washers | |
| (1) 1/4" Flat Washer | (1) Lock Nut | |

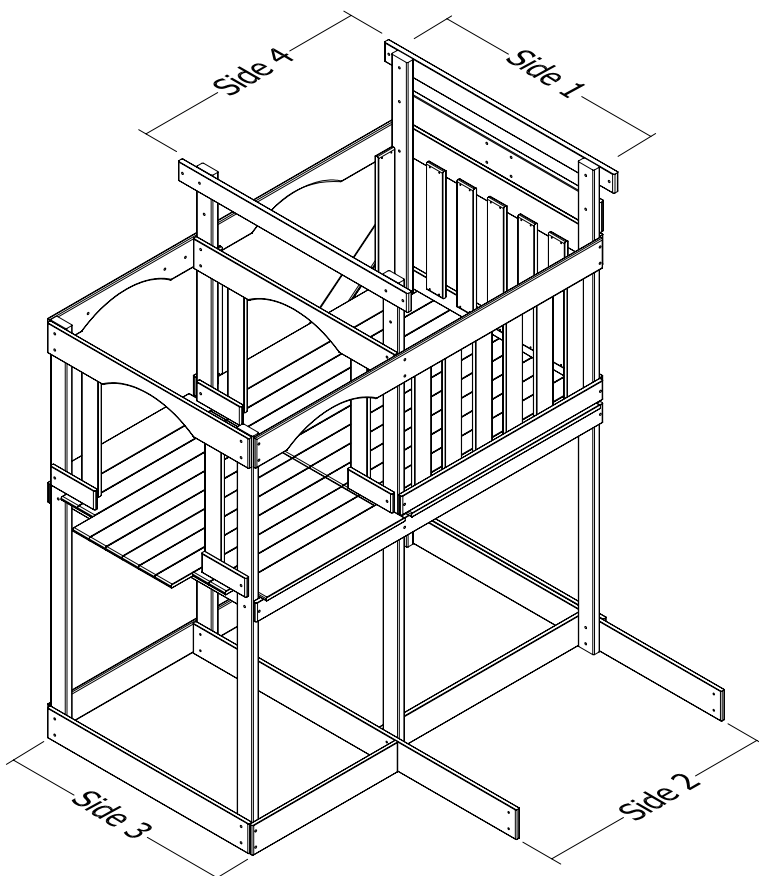
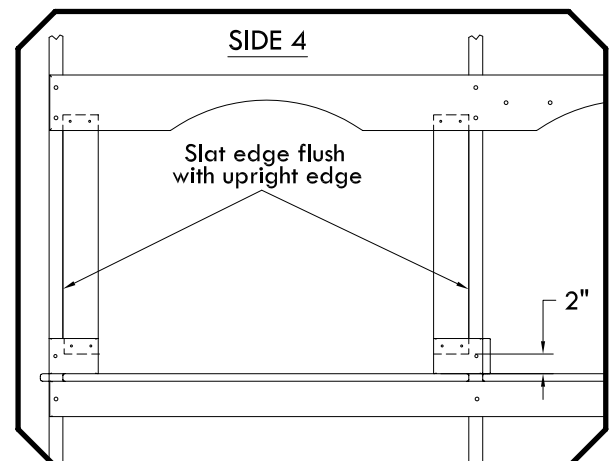
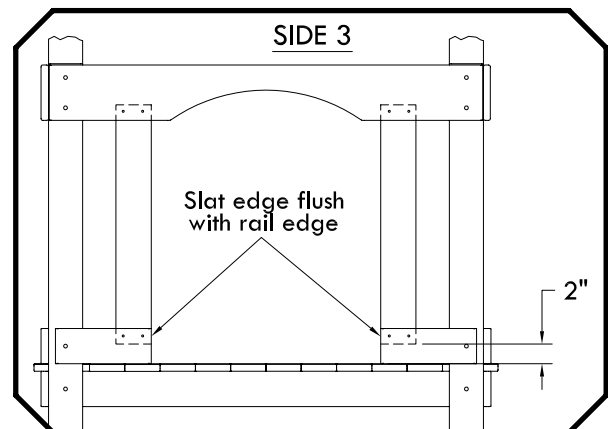
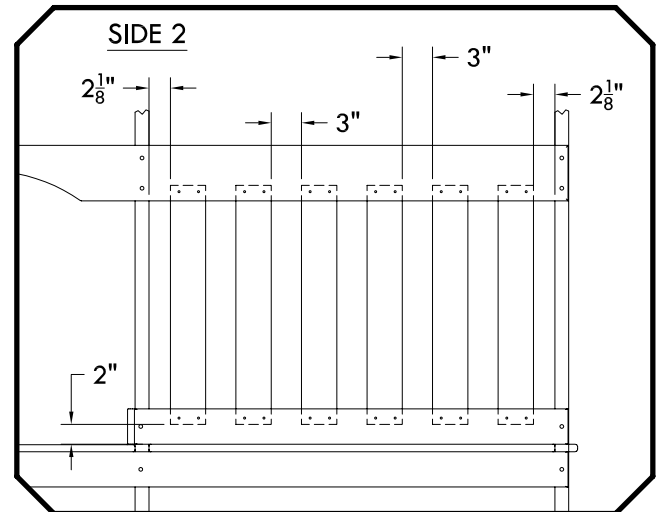
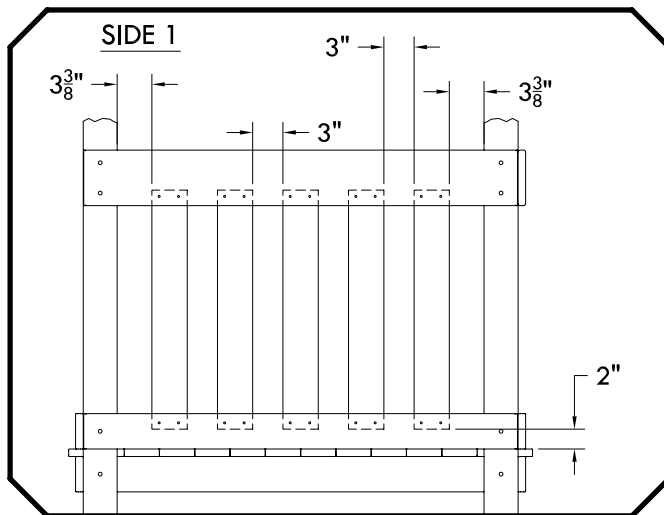
Phase 19 : Wall Slat Attachment

Note: Do not overtighten the Deck screws, overtightening may cause the screw to stick through the the Wall Rails and may cause sharp points. The head of the screw should NOT sink into the wood for this Phase, it should be flush.



Step 1: Attach Fort Wall Slats 'AW' to each side of the Fort with (4) $1\frac{1}{4}$ " deck screws per slat. Attach approx. 2" above floor and spaced as shown in the diagrams below.

Note: Due to the changing size of the wood as a result of moisture content, you may need to adjust the spacing of your wall slats $\frac{1}{16}$ " to $\frac{1}{8}$ " when assembling walls. It would be best to line up the boards on the wall before attaching to estimate if a larger or smaller gap is needed.



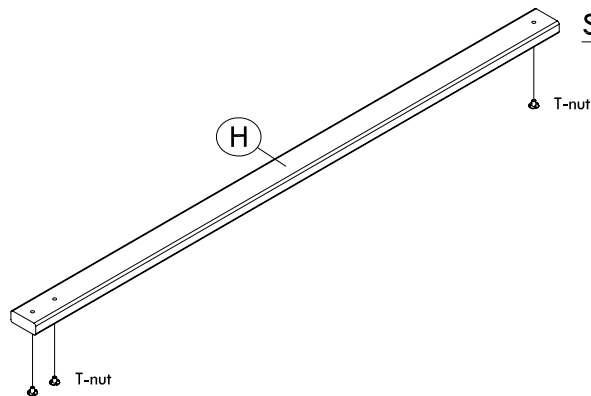
Items needed for this phase:

(17) Wall Slats 'AW'

Hardware needed for this phase:

(68) $1\frac{1}{4}$ " Deck Screws

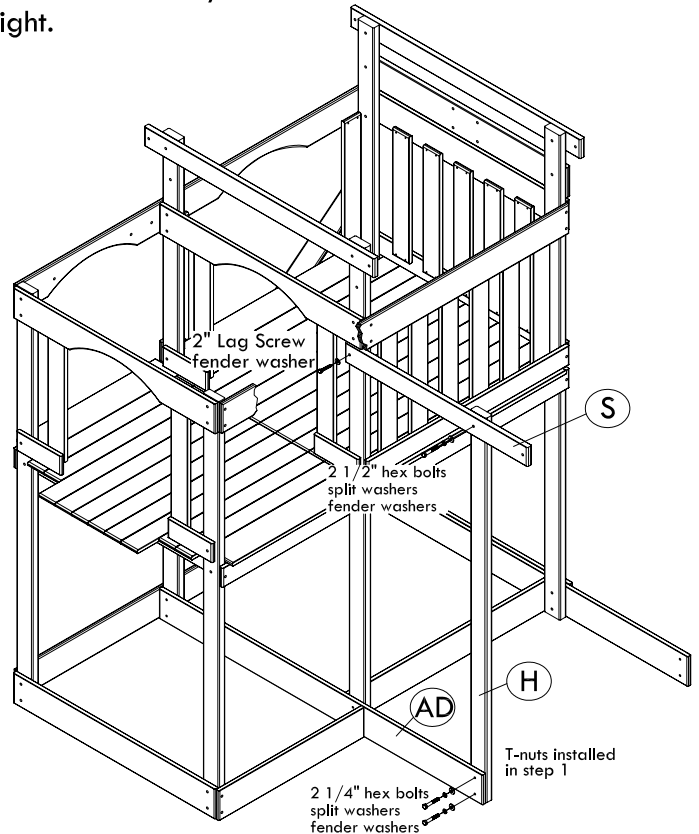
Phase 20 : Bench Frame Assembly



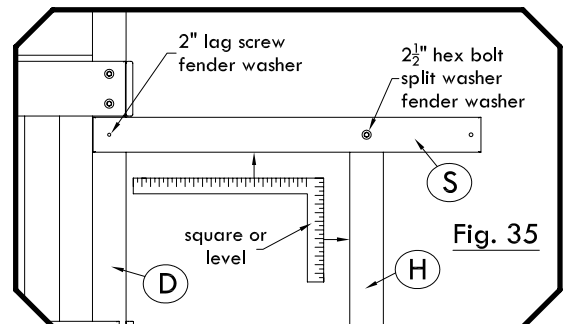
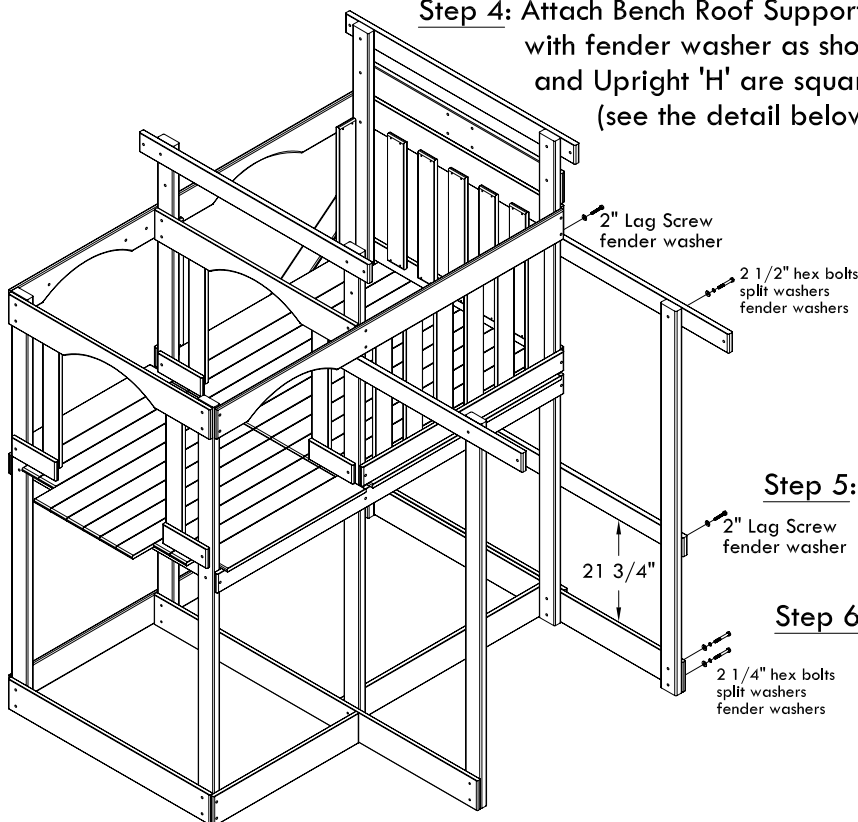
Step 1: Gather (1) Bench Roof Uprights 'H' and hammer a $\frac{5}{16}$ " t-nut into each hole. They will all install on the same side of the upright.

Step 2: Attach the bottom of (1) Bench Roof Upright 'H' to the Ground Board 'AD' by placing (2) $2\frac{1}{4}$ " hex bolts with spilt and fender washers through the Ground Beam and Upright and into the t-nuts installed in Step 1.

Step 3: Attach the top of (1) Bench Roof Upright to the middle hole on Bench Roof Support 'S' by placing a $2\frac{1}{2}$ " hex bolt with a spilt and fender washer through the Support & Upright and into the t-nut installed in Step 1.



Step 4: Attach Bench Roof Support 'S' to the Fort Upright 'D' with a 2" lag screw with fender washer as shown. Be sure to make sure both the Support 'S' and Upright 'H' are square and level before attaching.
(see the detail below)



Step 5: Repeat steps 1-4 to install the second Bench Upright and Bench Roof Support shown.

Step 6: Attach Safety Rail 'AM' to the Bench and Fort Uprights shown, $21\frac{3}{4}$ " above the ground beams as shown. This board will attach with (3) 2" lag screws with fender washers.

Items needed for this phase:

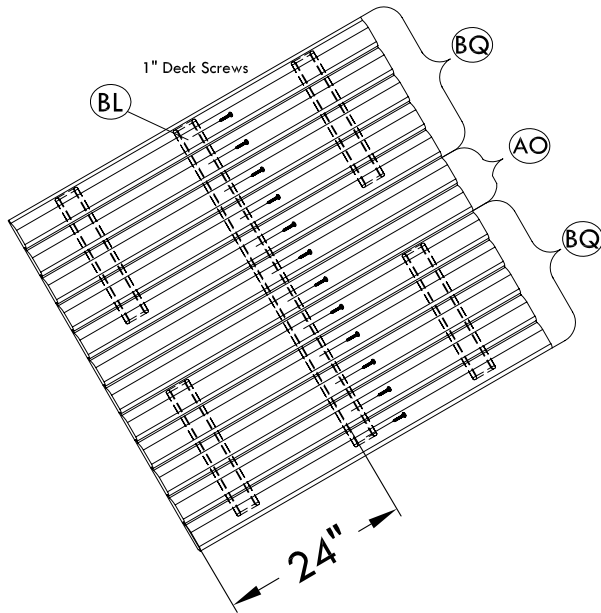
- (2) Bench Roof Uprights 'H'
- (2) Bench Roof Supports 'S'
- (1) Safety Rail 'AM'

Hardware needed for this phase:

- (2) 2 1/2" Hex Bolts
- (4) 2 1/4" Hex Bolts
- (5) 2" Lag Screws
- (6) Split Washers
- (11) Fender Washers
- (6) T-nuts

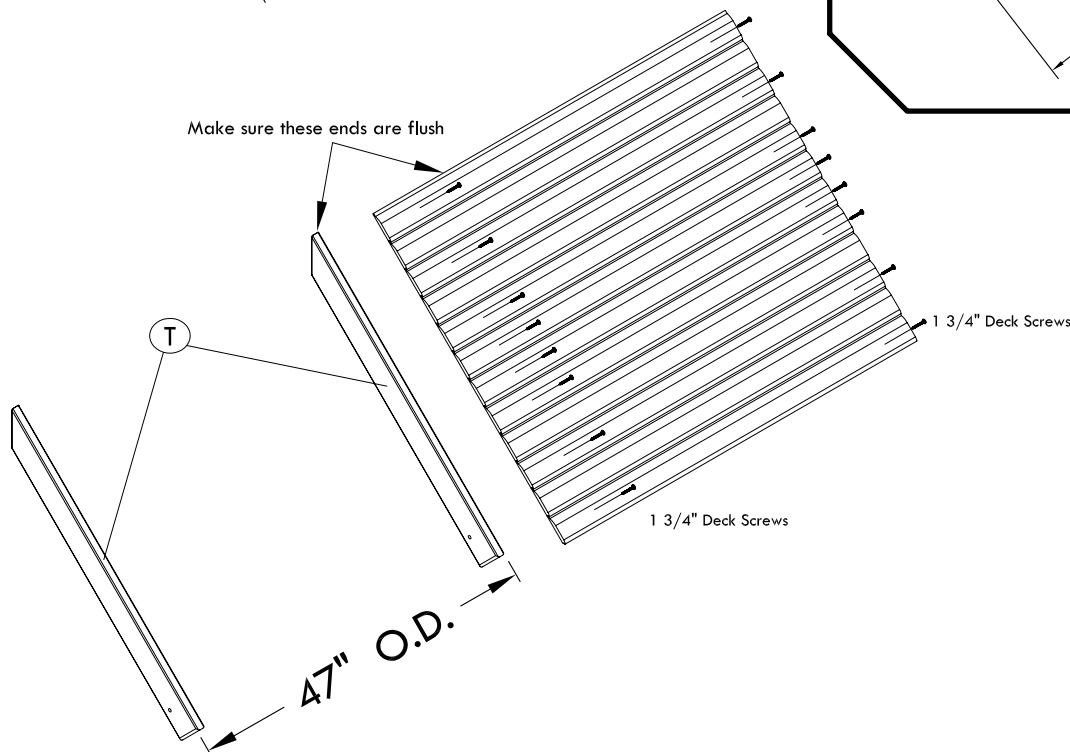
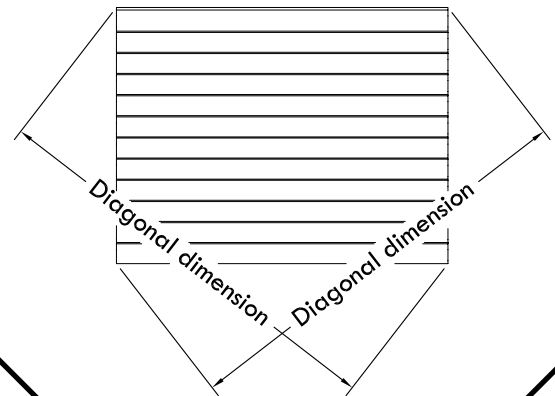
Phase 21 : Roof Assembly

- Step 1:** Place Roof Brace 'BL' on a flat, level surface and place the Roof Panels 'BQ' & Roof Panel Board 'AO' over Brace 'BL'.
- Step 2:** Center Roof Panels 'BQ' & Roof Panel Board 'AO' over Roof Brace 'BL' and attach Roof Brace 'BL' to panels by running 1" deck screws through the top of the panels and into the Brace. (see figures below)
- Step 3:** Place Roof Trusses 'T' on a level surface, on their edges, 47" apart (outside dimension). Lift Roof Half from Step 2 carefully and place on the sides of Roof Trusses 'T'. Make sure the the Trusses are equal distances from the edges of the Roof Half and keep the 47" Outside Dimension. After you verify that the Trusses are in the correct position, Attach the roof half to the trusses with 1 3/4" deck screws as shown.
- Step 4:** Repeat Steps 1, 2 and 3 to assemble the second roof half.



*HOW TO SQUARE YOUR ROOF HALF

- Before you begin Step 2 of this phase, the roof half must be square. Here is how to make sure it is square.
- Step 1:** Lay Roof Panels on a Flat Level surface and lineup all edges.
- Step 2:** Measure the diagonal dimensions shown. These dimensions must match. If they do not, make adjustments until they do.
- Step 3:** Once both directional dimensions match up, your roof half is square, and you can proceed to Step 2.



Items needed for this phase:

- | | |
|----------------------|----------------------------|
| (4) Roof Truss 'T' | (2) Middle Roof Brace 'BL' |
| (4) Roof Boards 'AO' | (4) Roof Panels 'BQ' |

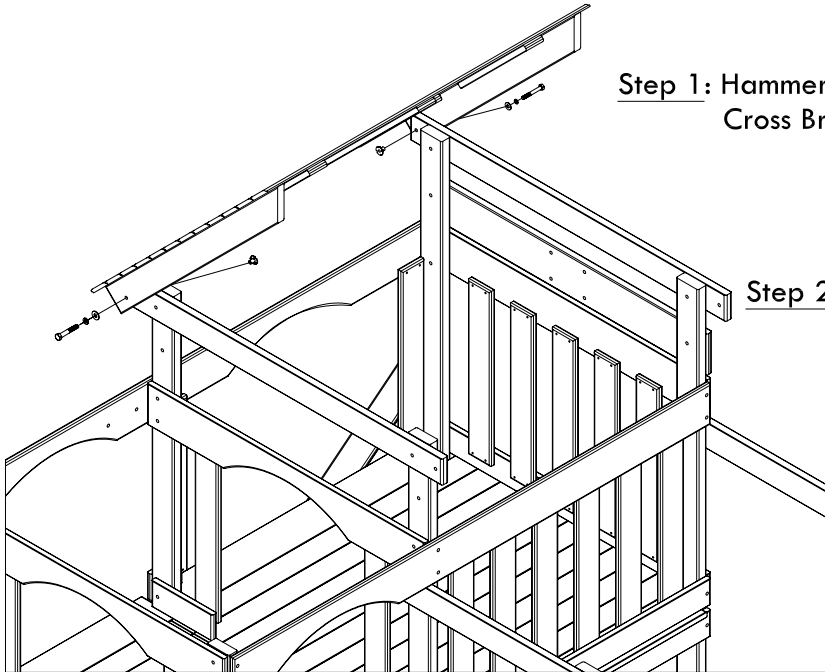
Hardware needed for this phase:

- (24) 1" Deck Screws
(32) 1 3/4" Deck Screws

Phase 22 : Roof Attachment



Take a moment and make sure the Frame is Square and Level, this is necessary for proper playset assembly.

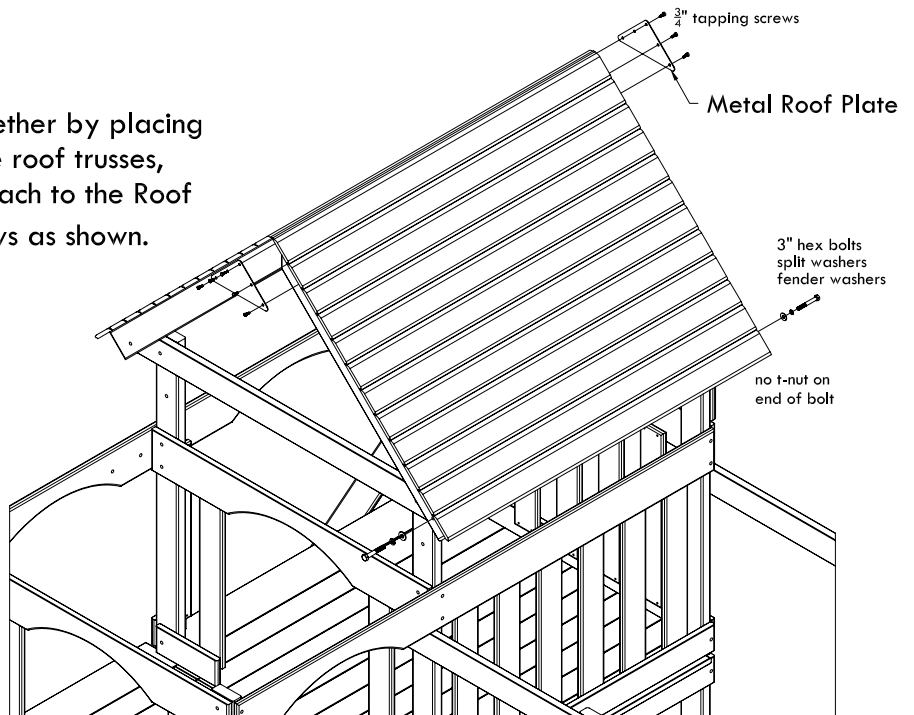


Step 1: Hammer (2) t-nuts into the end holes of the Roof Cross Braces only on the side shown.

Step 2: With a helper, carefully lift (1) Roof Panel up to the Cross Braces and attach the panel to the Braces with (2) $2\frac{1}{4}$ " hex bolts with spilt and fender washers into the t-nut from step 1.

Step 3: With a helper, carefully lift the remaining Roof Panel up to the Cross Braces and attach the panel to the Braces with (2) 3" hex bolts with spilt and fender washers into the hole. There will not be a t-nut placed on the end of this bolt yet. You will attach to a t-nut in the next phase.

Step 4: Connect the (2) Roof halves together by placing the metal roof plate against the roof trusses, at the peak of the roof, and attach to the Roof Trusses with (5) $\frac{3}{4}$ " tapping screws as shown.



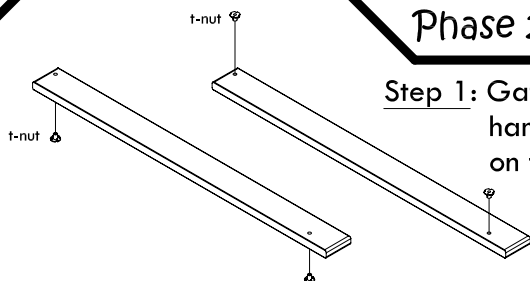
Items needed for this phase:

- (2) Phase 21 Roof Halves
- (2) Metal Roof Plates

Hardware needed for this phase:

- (2) 3" Hex Bolts
- (2) 2 1/4" Hex Bolts
- (10) 3/4" Tapping Screws
- (4) Fender Washers
- (4) Split Washers
- (2) T-nuts

Phase 23 : Bench Roof Attachment

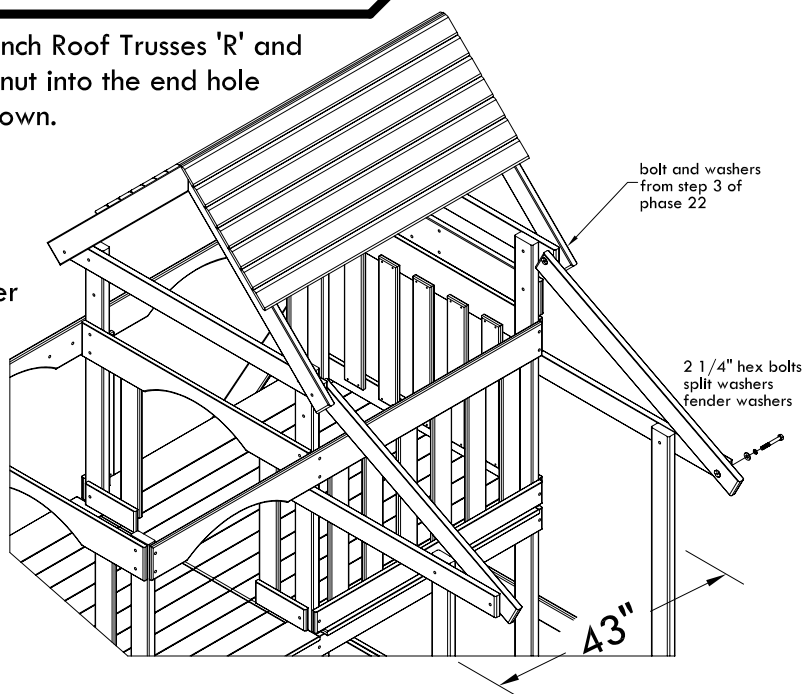


Step 1: Gather (2) Bench Roof Trusses 'R' and hammer (1) t-nut into the end hole on the side shown.

Note: Some roof boards have been removed in the illustration to the right to obtain a better visual.

Step 2: Attach the top of the (2) Bench Roof Trusses 'R' to the previously installed Roof Cross Brace 'P'. This will attach to the bolt that was inserted in Step 3 of Phase 22. Make sure the t-nuts are facing to the inside and that the hole orientation is as shown in the illustration.

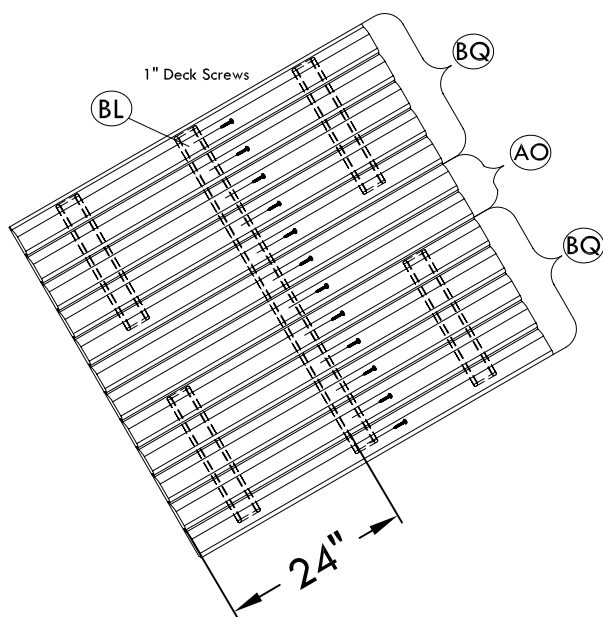
Step 3: Attach the bottom of the (2) Bench Roof Trusses 'R' to the previously installed Bench Roof Support 'S' using 2 1/4" Hex bolts with split and fender washers as shown.



Step 4: Place Roof Brace 'BL' on a flat, level surface and place the Roof Panels 'BQ' & Roof Panel Board 'AO' over Brace 'BL'.

Step 5: Center Roof Panels 'BQ' & Roof Panel Board 'AO' over Roof Brace 'BL' and attach Roof Brace 'BL' to panels by running 1" deck screws through the top of the panels and into the Brace. (see figure at left)

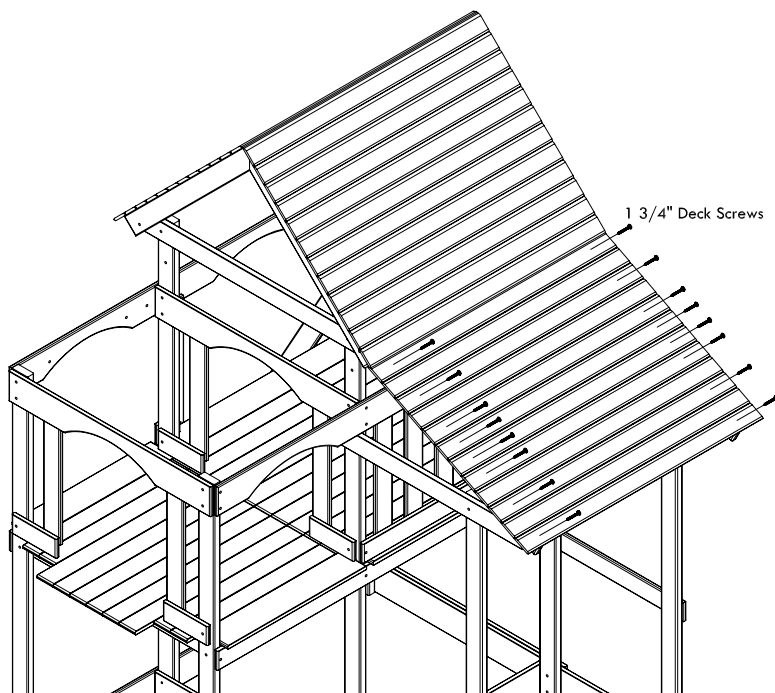
Note: Make sure this panel is square. See the detail on Phase 21.



Step 6: With a helper, carefully lift the Bench Roof Half up onto the Bench Roof Trusses and slide with panel until it is even and flush with the Fort Roof.

Step 7: Attach the Roof Half to the Roof Trusses using 1 3/4" deck screws as shown.

Note: Be sure to keep the Bench Uprights 43" apart when attaching roof. Failure to do so will hinder future assembly.



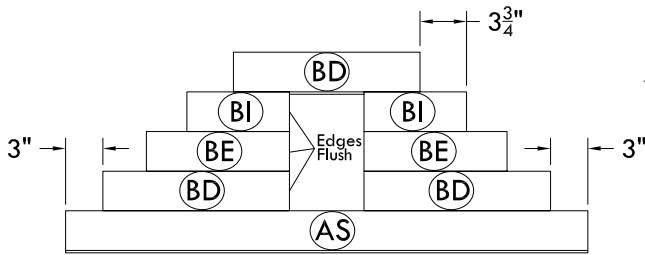
Items needed for this phase:

- | | |
|----------------------|----------------------------|
| (2) Roof Truss 'R' | (1) Middle Roof Brace 'BL' |
| (2) Roof Boards 'AO' | (2) Roof Panels 'BQ' |

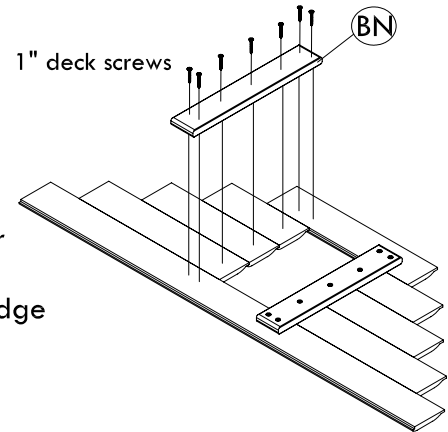
Hardware needed for this phase:

- | | |
|-------------------------|-------------------|
| (12) 1" Deck Screws | (2) Split Washers |
| (16) 1 3/4" Deck Screws | (2) Fender Washer |
| (2) 2 1/4" Hex bolts | (4) T-nuts |

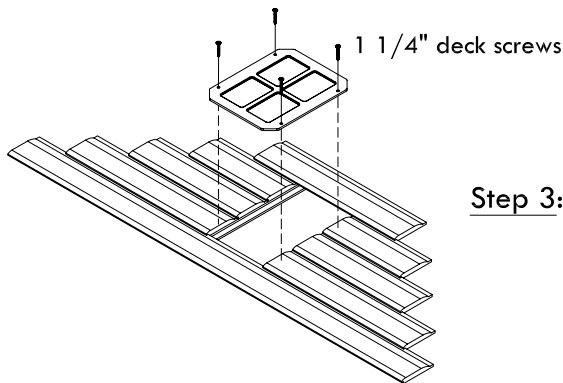
Phase 24 : Cabin Roof Assembly



Step 1: Place Cabin Boards 'AS', 'BD', 'BE' & 'BI' on a flat surface, such as a table or patio in the pattern shown.



Step 2: Connect all the Cabin Boards 'AS', 'BD', 'BE' & 'BI' together with (2) Panel Cleats 'BN' and 1" deck screws as shown. The Panel Cleat 'BN' will attach flush with the the inside edge of the window.

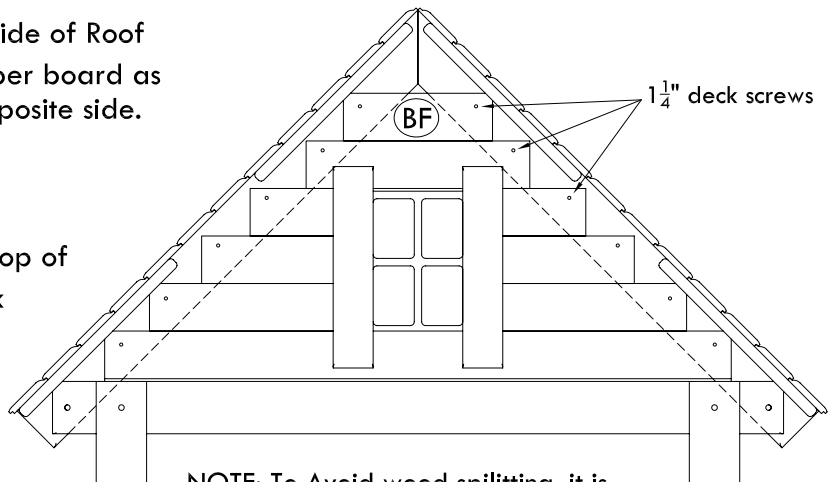


Step 3: Carefully flip the Cabin Panel over and place the window frame, centered over the window opening, and attach to the cabin panel with (4) 1 1/4" deck screws as shown.

Step 4: Repeat steps 1-3 to assemble a second Cabin Panel.

Step 5: Attach Cabin Panel Assembly to inside of Roof Trusses 'T' with (1) 1 1/4" deck screw per board as shown. Repeat this step for the opposite side.

Step 6: Attach Cabin Rail 'BF' to the inside-top of the Roof Trusses 'T' with (2) 1 1/4" deck screws as shown. Repeat this step for the opposite side.



NOTE: To Avoid wood spilling, it is recommended you pre-drill holes at all places that require deck screws with a 1/8" drill bit.



Items needed for this phase:

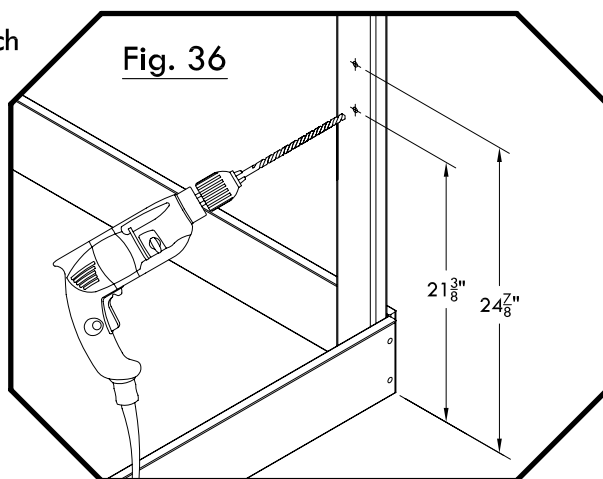
(2) Cabin Rails 'AS' (4) Cabin Rails 'BI' (2) Window Frames
(6) Cabin Rails 'BD' (4) Panel Cleats 'BN'
(4) Cabin Rails 'BE' (2) Cabin Rails 'BF'

Hardware needed for this phase:

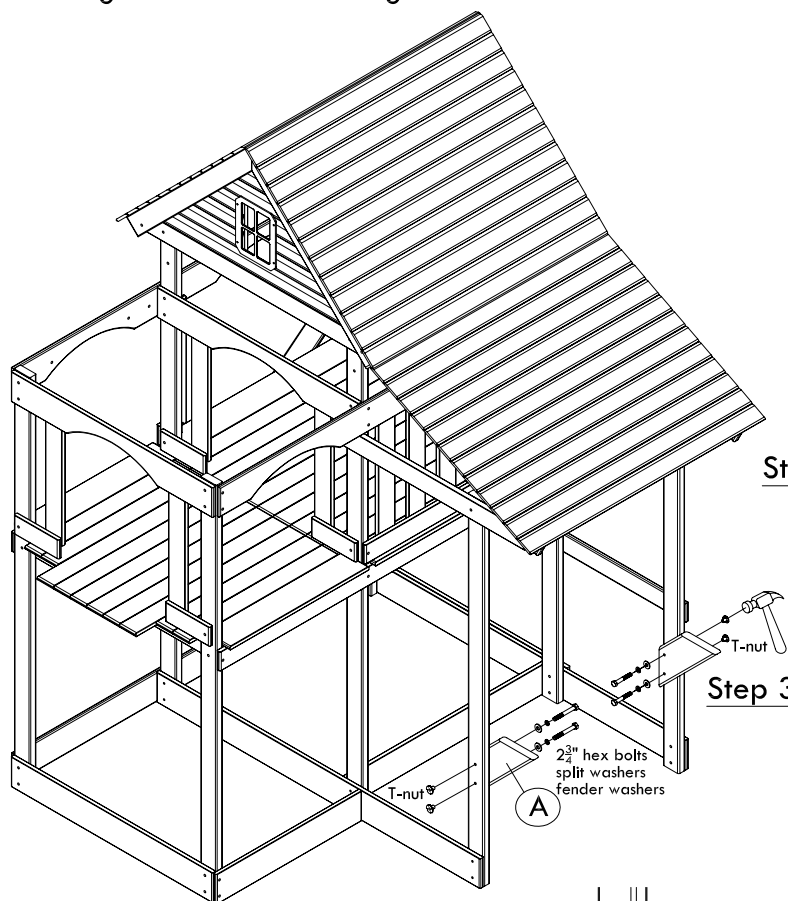
(28) 1" Deck Screws
(32) 1 1/4" Deck Screws

Phase 25 : Bench Table Assembly

Step 1: You will need to pre-drill the Picnic Support attachment holes. Place a mark in the center of each Bench Upright 'H', $21\frac{3}{8}$ " and $24\frac{7}{8}$ " inches up from the ground as shown in Fig 36.

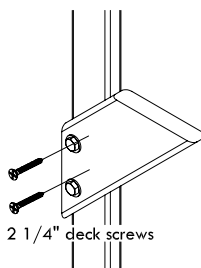


Step 2: Hammer T-nuts into the pre-drilled holes on the outside of Bench Uprights 'H' as shown.

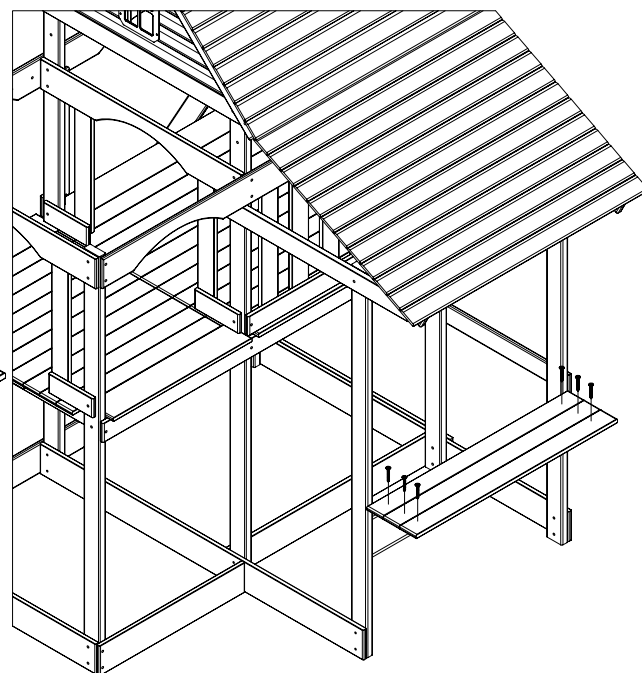
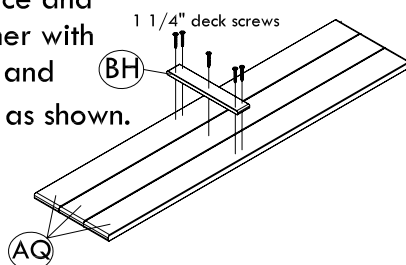


Step 3: Attach the Bench Table Supports to Bench Uprights 'H' with (2) $2\frac{3}{4}$ " hex bolts with split & fender washers each. Place the bolt with washers through the brace and then through the upright and into the t-nuts placed in Step 2.

Step 4: Finish attaching the Bench Table Supports to the Bench Uprights by running (2) $2\frac{1}{4}$ " deck screws through each support and into the Uprights.



Step 5: Gather (3) Bench Table Boards 'AQ' and place them on a flat surface and connect them together with (1) panel cleat 'BH' and (5) $1\frac{1}{4}$ " deck screws as shown.



Step 6: Carefully flip over the Bench Table Panel and place onto the Bench Supports with the cleat 'BH' facing down and attach to the supports with (2) $1\frac{1}{2}$ " deck screws per board as shown.

Items needed for this phase:

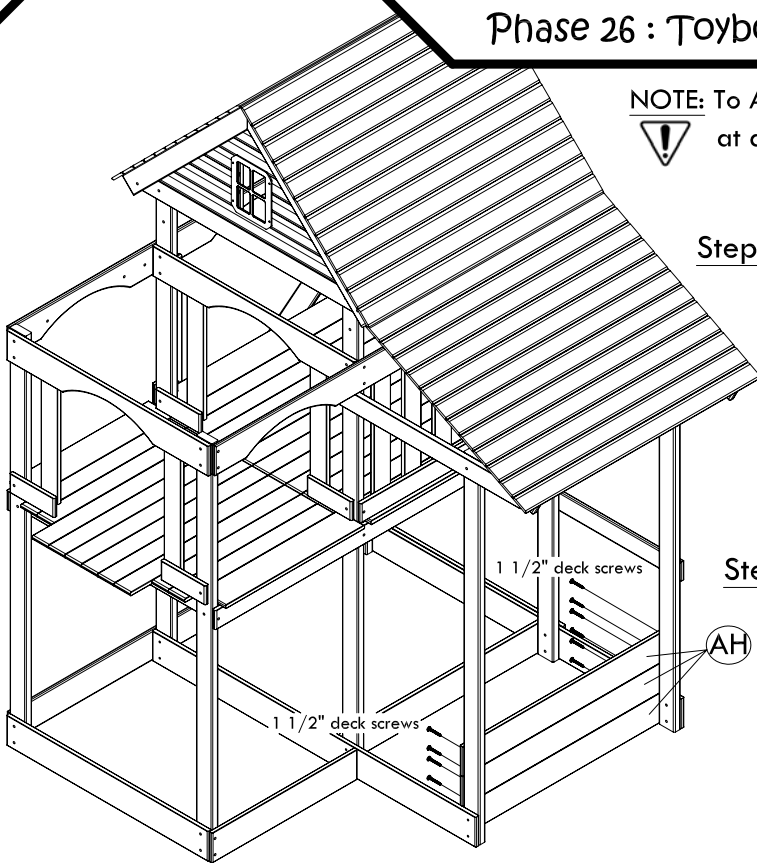
- (2) Bench Table Supports 'A'
- (3) Bench Table Boards 'AQ'
- (1) Cleat 'BH'

Hardware needed for this phase:

- (4) $2\frac{3}{4}$ " Hex Bolts
- (4) $2\frac{1}{4}$ " Deck Screws
- (4) Fender Washers
- (6) $1\frac{1}{2}$ " Deck Screws
- (5) $1\frac{1}{4}$ " Deck Screws
- (4) T-nut
- (4) Split Washers

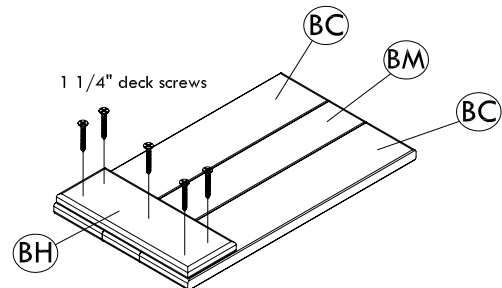
Phase 26 : Toybox Assembly

NOTE: To Avoid wood spitting, it is recommended you pre-drill holes at all places that require deck screws with a $\frac{1}{8}$ " drill bit.

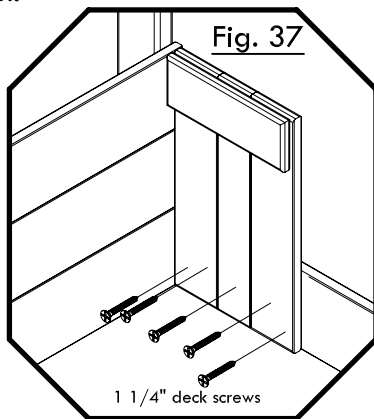


Step 1: From the inside of the "bench" area, attach (3) Toybox boards 'AH' to the Bench Roof Uprights, stacked one on top of the other, using (4) $1\frac{1}{2}$ " deck screws per board as shown. Make sure the boards are centered on the Fort and should be flush with outside edges of Uprights.

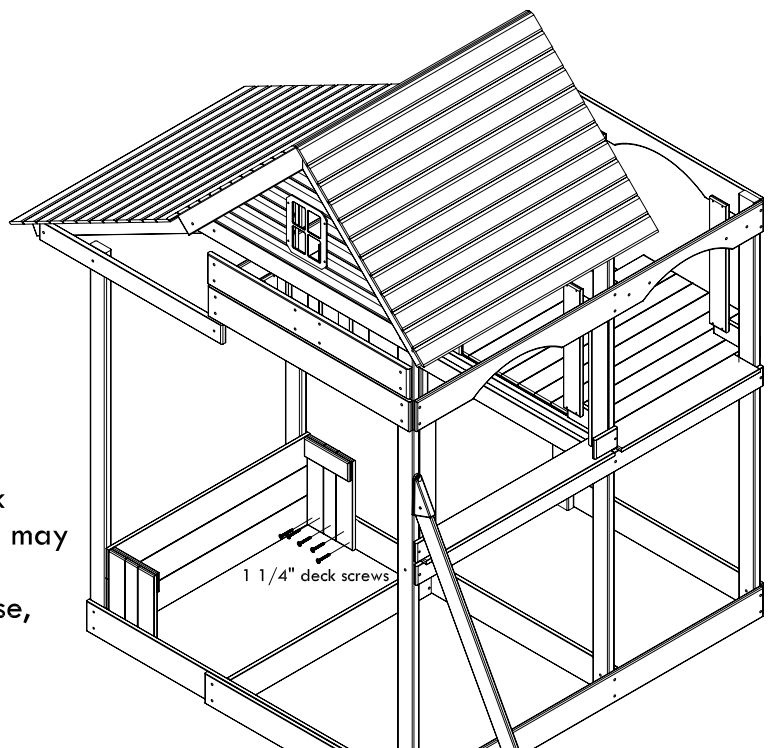
Step 2: Place (2) Toybox Boards 'BC' and (1) Toybox Board 'BM' on a flat surface in pattern shown and connect the boards together by placing (1) Cleat 'BH' flush with the ends and attaching to the Toybox Boards with (5) $1\frac{1}{4}$ " deck screws as shown. Do this step twice to create (2) Toybox Side Panels.



Step 3: Turn the (2) Toybox Side Panels onto their side with the Cleat to the top and facing in. Attach (1) Side Panel to the inside of each Ground Beam with (5) $1\frac{1}{4}$ " deck screws as shown.



Note: Do not overtighten the Deck screws, overtightening may cause the screw to stick through the exposed side of the wood and may cause sharp points. The head of the screw should NOT sink into the wood for this Phase, it should be flush.



Items needed for this phase:

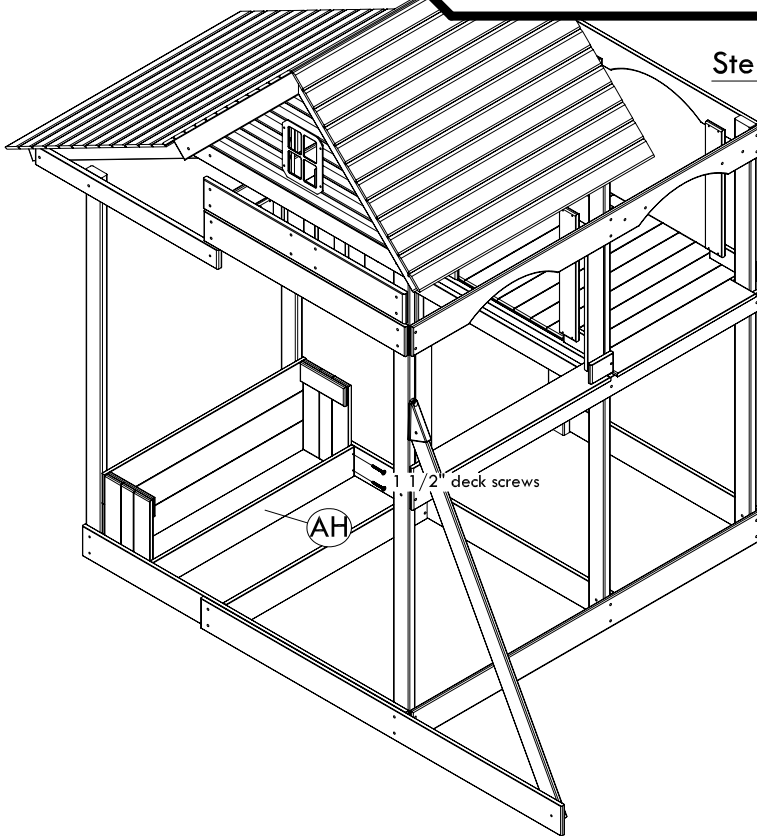
(3) Toybox Boards 'AH'
(4) Toybox Boards 'BC'

(2) Toybox Boards 'BM'
(2) Cleat 'BH'

Hardware needed for this phase:

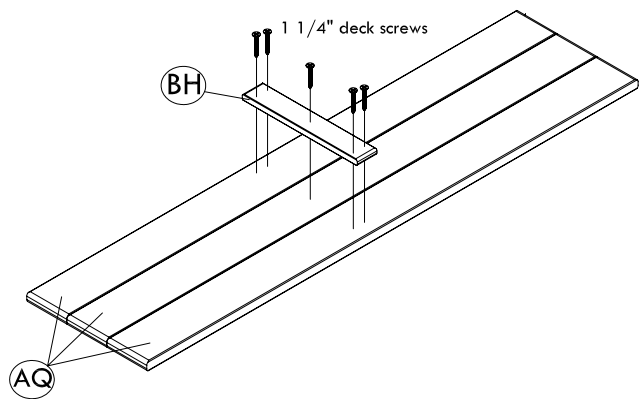
(12) $1\frac{1}{2}$ " Deck Screws
(20) $1\frac{1}{4}$ " Deck Screws

Phase 27 : Toybox Assembly



Step 1: From the inside of the "bench" area, attach (1) Toybox board 'AH' to the front of the Toybox sides from the previous phase using (4) 1 $\frac{1}{2}$ " deck screws as shown.

Step 2: Gather (3) Toybox Bench Boards 'AQ' and place them on a flat surface and connect them together with (1) panel cleat 'BH' and (5) 1 $\frac{1}{4}$ " deck screws as shown.



Step 3: Carefully flip over the Toybox Bench Panel and place onto the top of the Toybox Frame with the cleat 'BH' facing down and attach to the Frame with 1 $\frac{1}{2}$ " deck screws as shown.

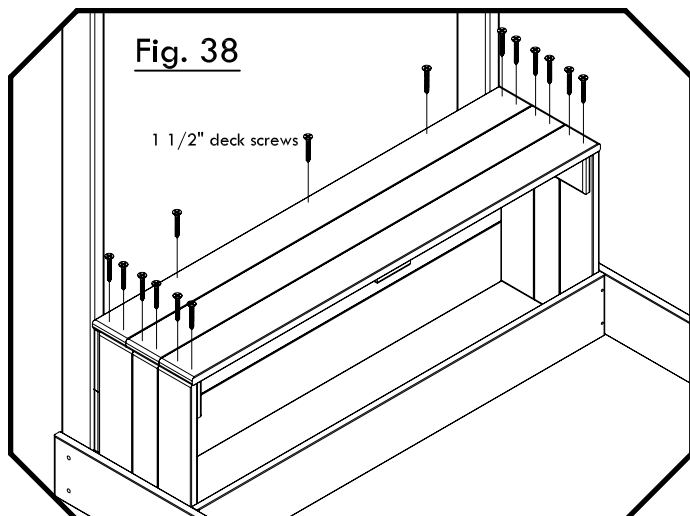
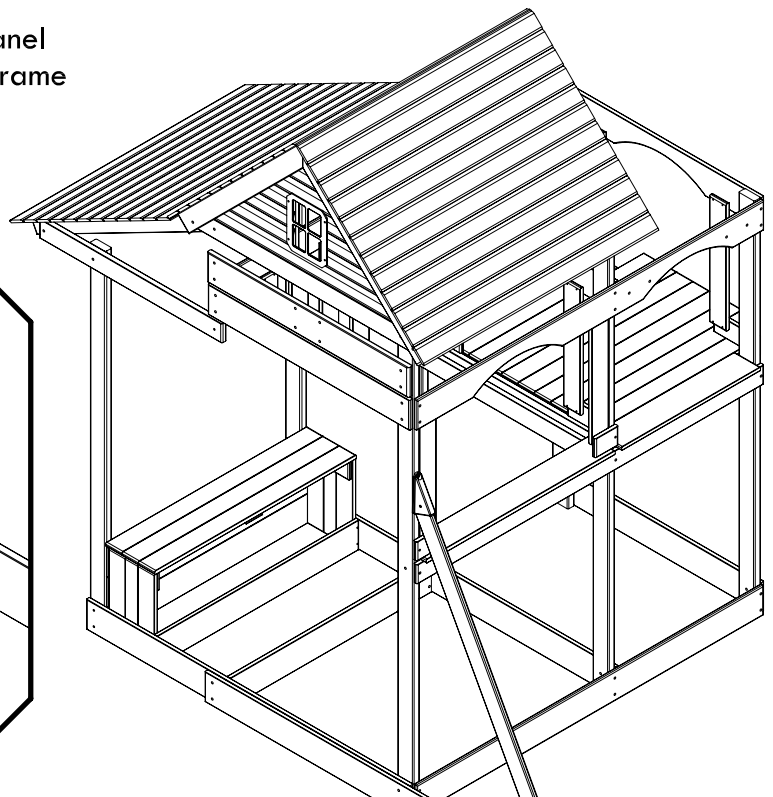


Fig. 38



Items needed for this phase:

(1) Toybox Boards 'AH'
(3) Toybox Boards 'AQ'

(1) Cleat 'BH'

Hardware needed for this phase:

(19) 1 $\frac{1}{2}$ " Deck Screws
(5) 1 $\frac{1}{4}$ " Deck Screws

Phase 28 : Deck Ladder Attachment

Step 1: Place Deck Ladder on the side of the Fort shown, centered, and by using a drill with a $\frac{5}{16}$ " bit, drill a hole through the floor through brackets.

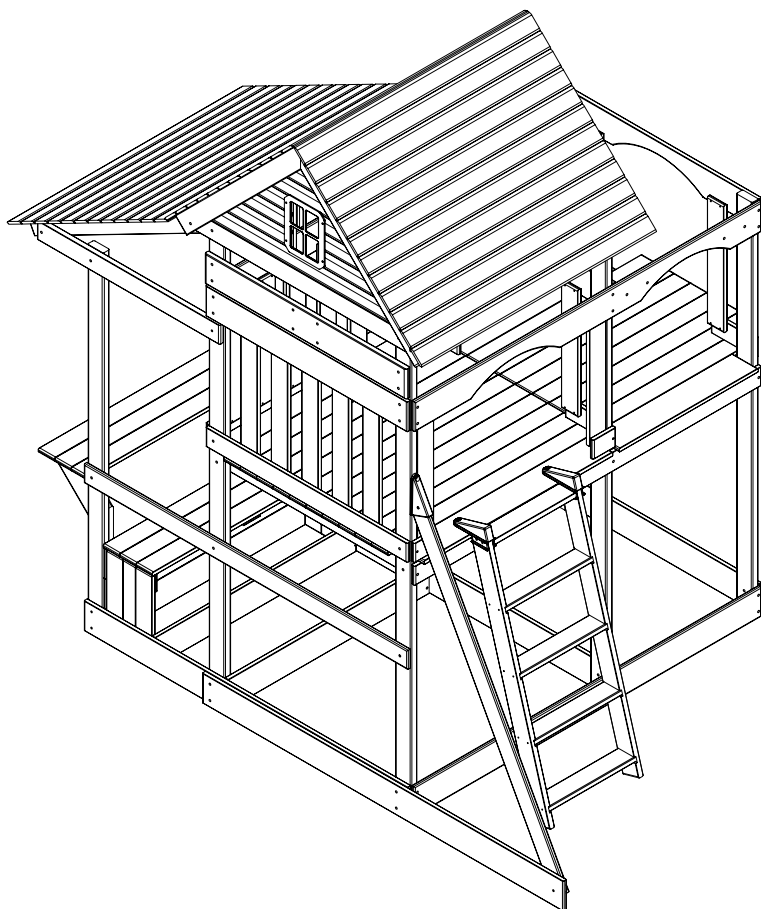
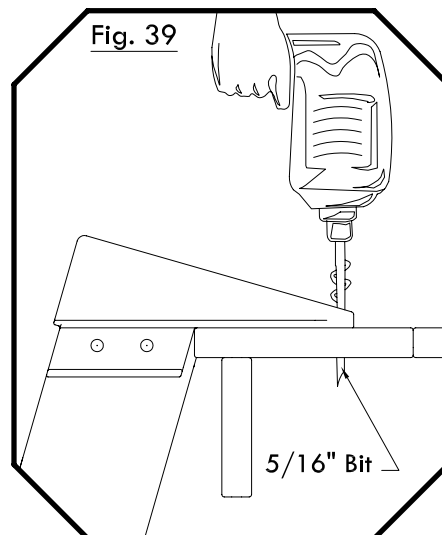


Fig. 39



Step 2: Hammer T-nuts into the drilled hole from underneath the fort floor, and attach the Ladder Assembly to the floor by placing a $\frac{1}{4}$ " x $1\frac{1}{4}$ " machine truss screw with split and flat washer through the bracket and floor and into the t-nut. See Fig 39 & 40.

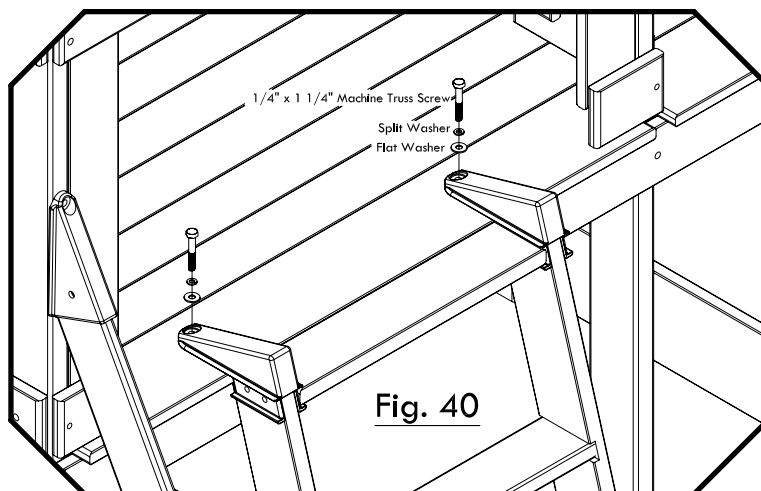


Fig. 40

Items needed for this phase:

(1) Deck Ladder Assembly

Hardware needed for this phase:

(2) $1\frac{1}{4}$ " Machine Truss Screw
(2) $\frac{1}{4}$ " Split Washer

(2) $\frac{1}{4}$ " Flat Washer
(2) $\frac{1}{4}$ " T-nuts

Step 1: Place Rockwall on the side of the Fort shown, centered, and by using a drill with a $\frac{5}{16}$ " bit, drill a hole through the floor through brackets.

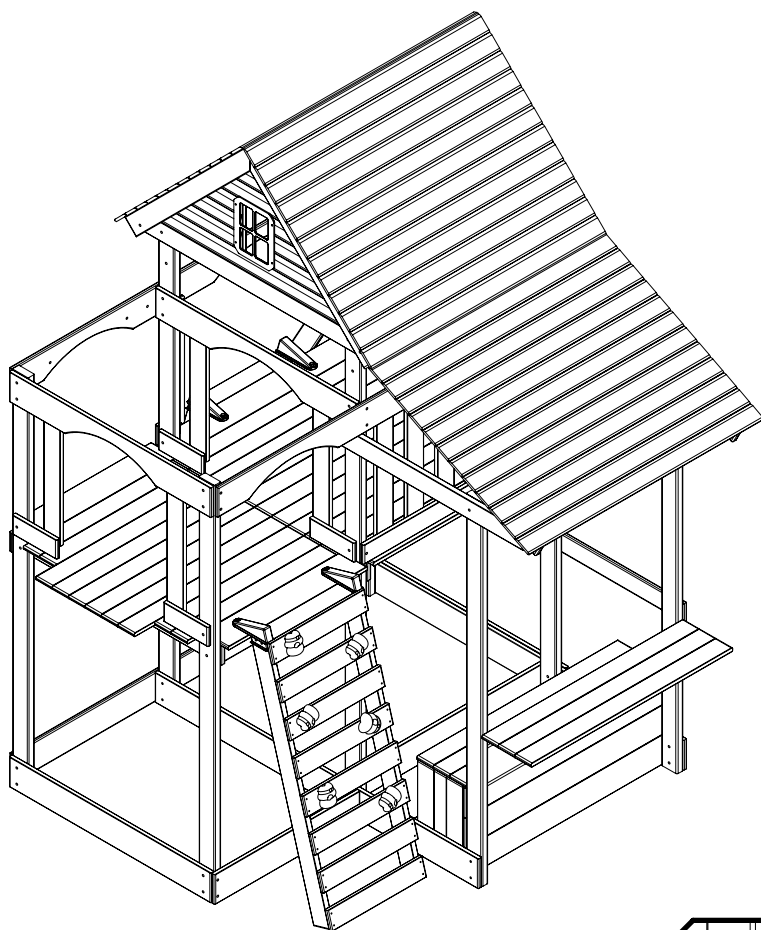
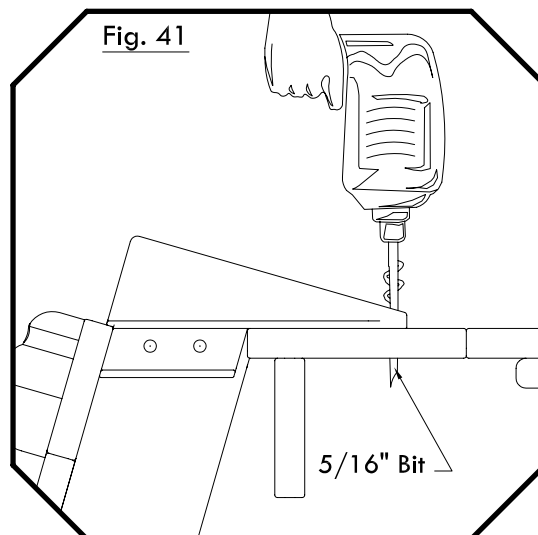


Fig. 41



Step 2: Hammer T-nuts into the drilled hole from underneath the fort floor, and attach the Rockwall Assembly to the floor by placing a $\frac{1}{4}$ " x $1\frac{1}{4}$ " machine truss screw with split and flat washer through the bracket and floor and into the t-nut. See Fig 41 & 42.

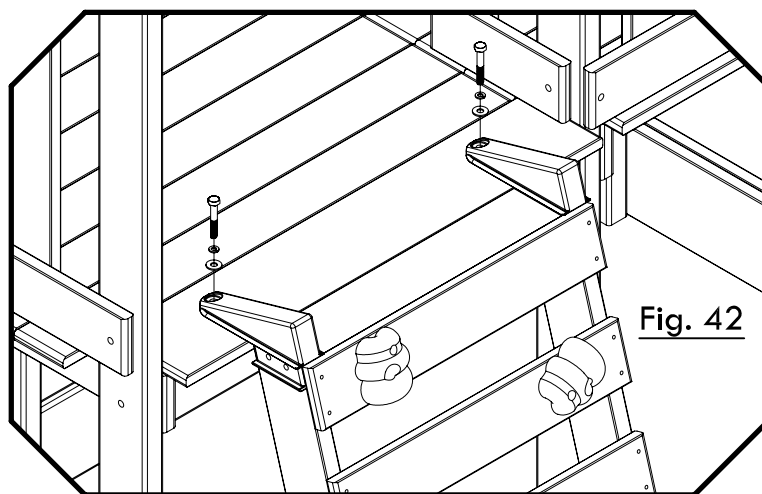


Fig. 42

Items needed for this phase:

(1) Rockwall Assembly

Hardware needed for this phase:

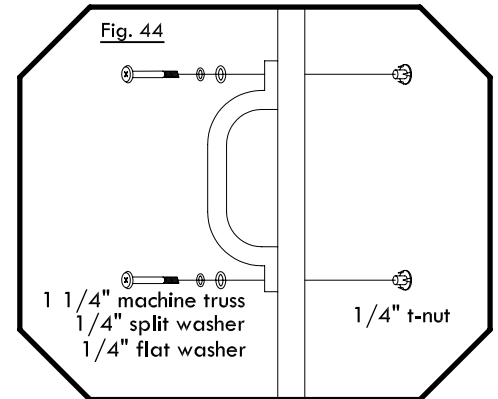
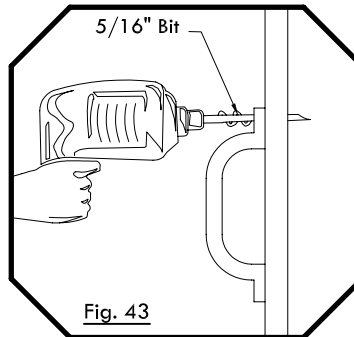
(2) $1\frac{1}{4}$ " Machine Truss Screw
(2) $\frac{1}{4}$ " Split Washer

(2) $\frac{1}{4}$ " Flat Washer
(2) $\frac{1}{4}$ " T-nuts

Phase 30 : Hand Grip Attachment

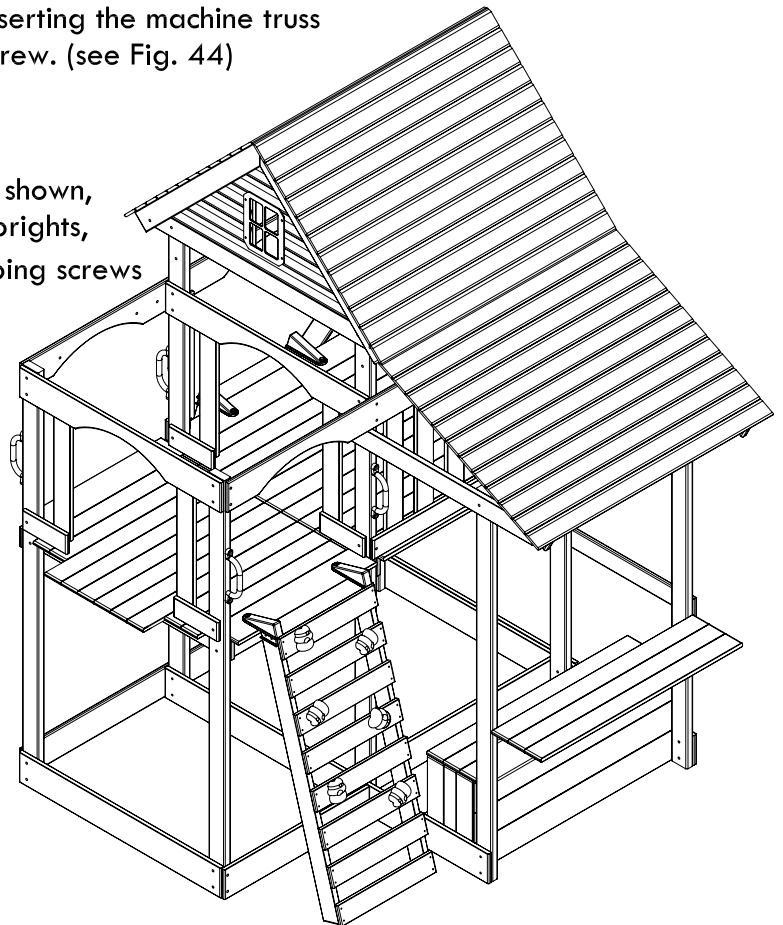
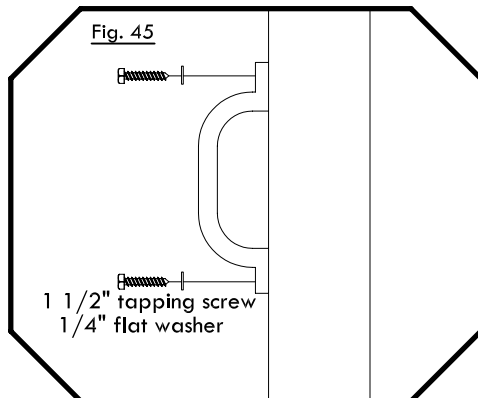
Note: The Wall Slats & Uprights shown will take Hand Grips. The grips will attach differently on the Slat than they do on uprights.

Step 1: To attach to the Wall Slats, Center (1) Hand Grip on each wall slat and using the holes in the Grips as a guide, drill 5/16" holes through the Wall Slats. (see Fig. 43)



Step 2: Attach the Hand Grips to the drilled Wall Slats with 1 1/4" machine truss screw with 1/4" split washer and 1/4" flat washer through the grip and slat and into a 1/4" t-nut on the back. You must hammer the t-nuts into the drilled holes before inserting the machine truss screw. (see Fig. 44)

Step 3: To install the Hand Grips to the Uprights shown, simply place the grip, centered on the uprights, and attach to the uprights using 1 1/2" tapping screws with 1/4" flat washers as shown.



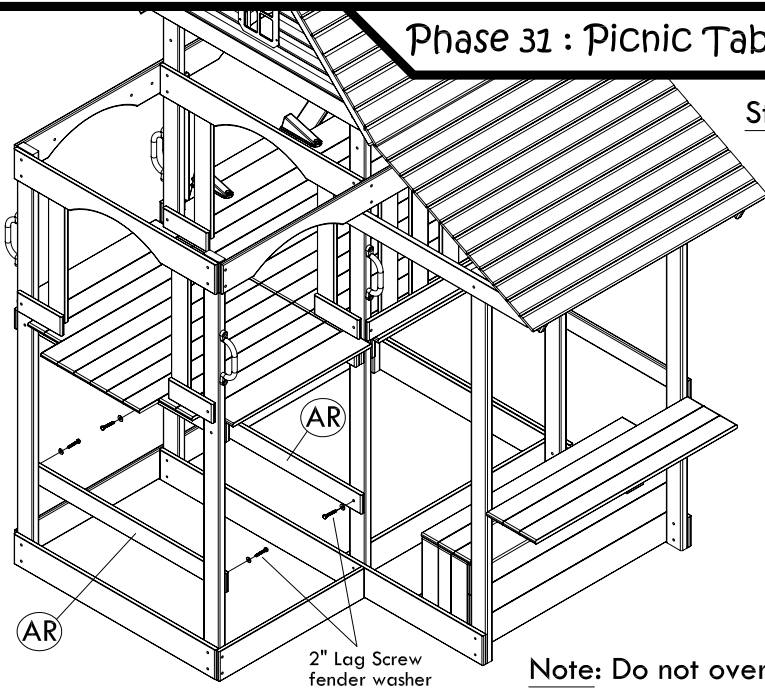
Items needed for this phase:

(6) Hand Grips

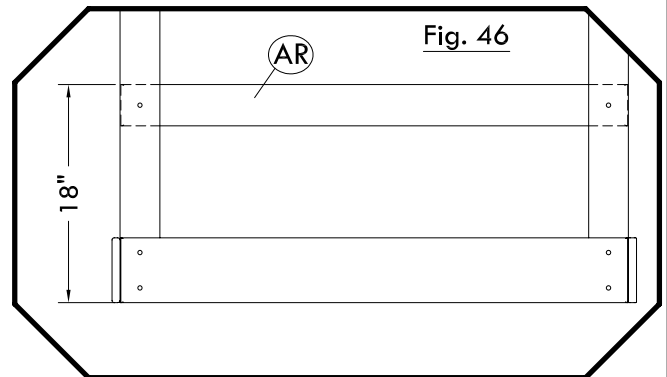
Hardware needed for this phase:

(8) 1 1/2" Tapping Screws	(12) 1/4" Flat Washers
(4) 1 1/4" Machine Truss Screws	(4) 1/4" T-nuts
(4) 1/4" Split Washers	

Phase 31 : Picnic Table Assembly

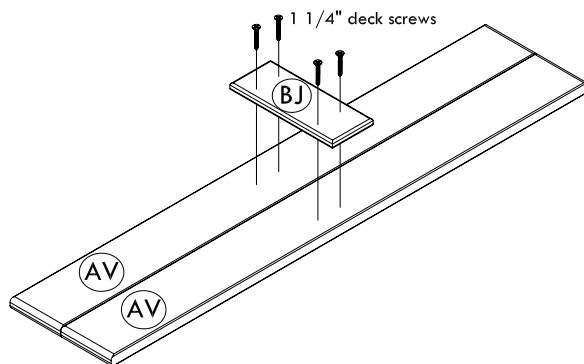


Step 1: Attach (2) Wall Rails 'AR' to the Uprights underneath the Sundeck, 18" above the ground, using 2" lag screws with fender washers as shown.

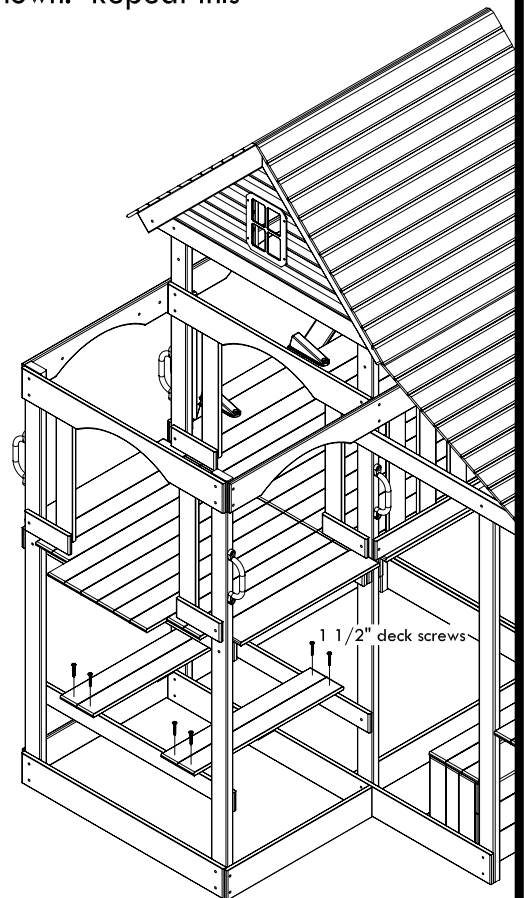
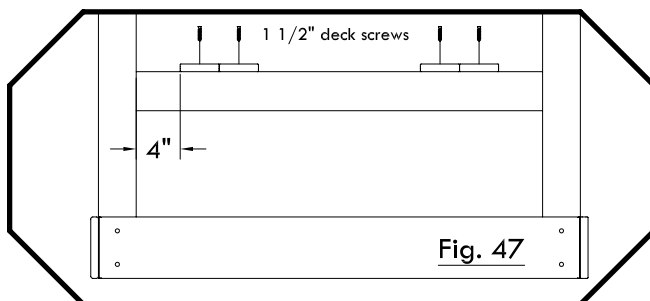


Note: Do not overtighten the Deck screws, overtightening may cause the screw to stick through the exposed side of the picnic seat and may cause sharp points. The head of the screw should NOT sink into the wood on Step 2, it should be flush.

Step 2: Gather (2) Picnic Table Boards 'AV' and place them on a flat surface and connect them together with (1) panel cleat 'BJ' and (4) $1\frac{1}{4}$ " deck screws as shown. Repeat this step to create a second Picnic Table Seat.



Step 3: Flip the Picnic Table Seat assembly over and place on the picnic rails installed in Step 1 and attach the seat to rails with (4) $1\frac{1}{2}$ " deck screws as shown. The seat should be placed on the rails 4" from the edge of the Uprights as shown.



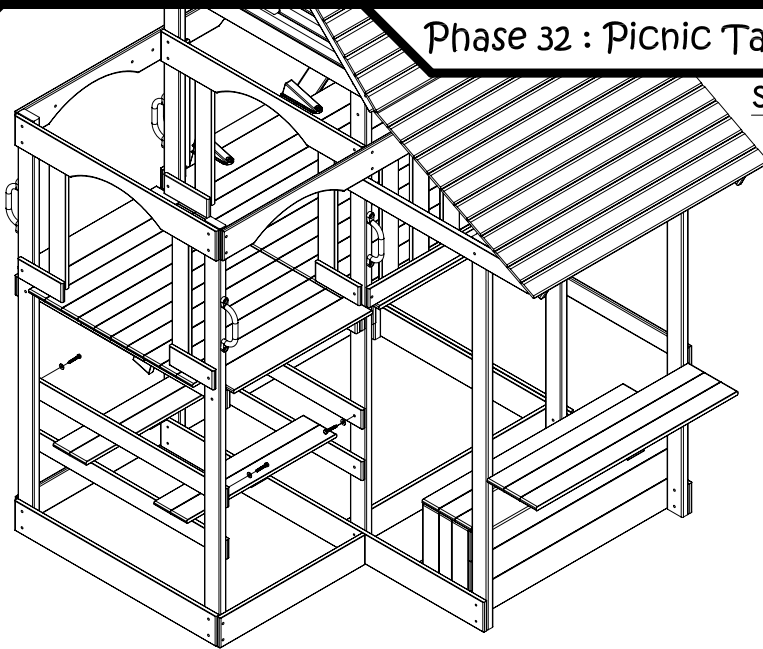
Items needed for this phase:

(2) Wall Rails 'AR' (2) Cleat 'BJ'
(4) Picnic Table Boards 'AV'

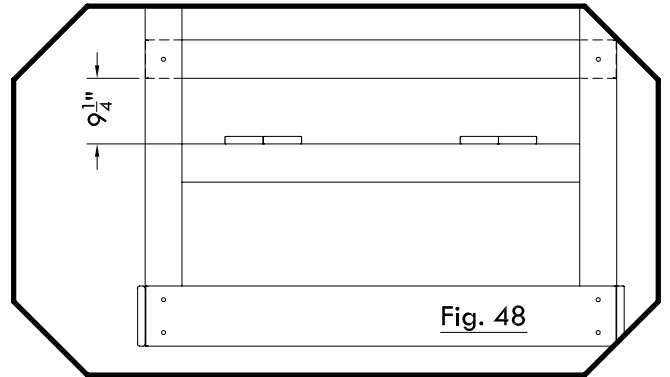
Hardware needed for this phase:

(4) 2" Lag Screws (8) $1\frac{1}{4}$ " Deck Screws
(8) $1\frac{1}{2}$ " Deck Screws (4) Fender Washers

Phase 32 : Picnic Table Assembly



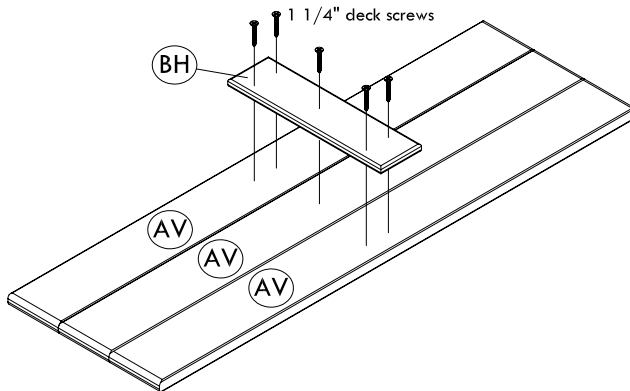
Step 1: Attach (2) Wall Rails 'AR' to the Uprights underneath the Sundeck, $9\frac{1}{4}$ " above the previously placed picnic rails, using 2" lag screws with fender washers as shown.



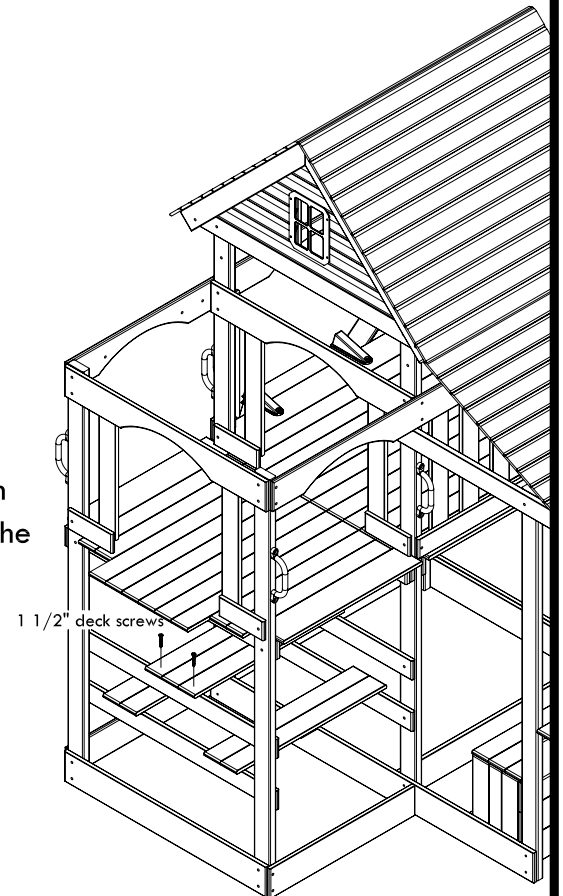
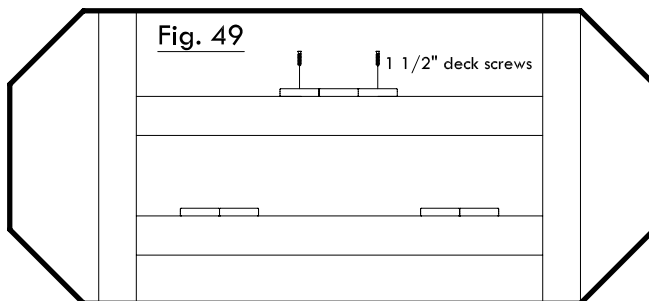
Note: Do not overtighten the Deck screws, overtightening may cause the screw to stick through the exposed side of the picnic seat and may cause sharp points. The head of the screw should NOT sink into the wood on Step 2, it should be flush.



Step 2: Gather (3) Picnic Table Boards 'AV' and place them on a flat surface and connect them together with (1) panel cleat 'BH' and (5) $1\frac{1}{4}$ " deck screws as shown. This will be the Picnic Table Top.



Step 3: Flip the Picnic Table Top assembly over and place on the picnic rails installed in Step 1 and attach the top to rails with (4) $1\frac{1}{2}$ " deck screws as shown. The Top should be center on the rails between the Uprights.



Items needed for this phase:

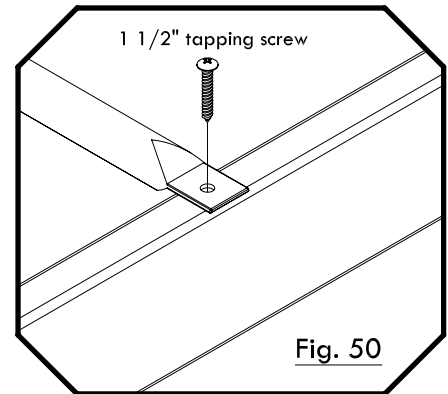
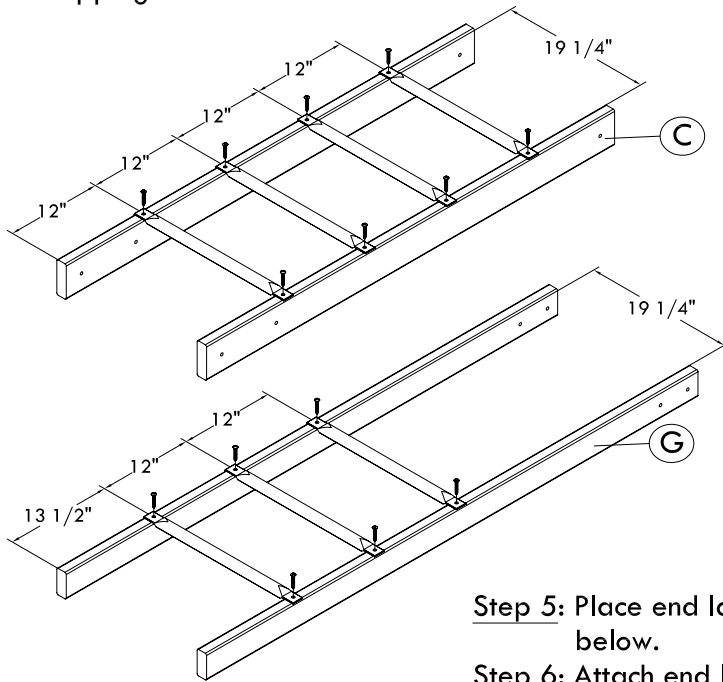
- (2) Wall Rails 'AR'
- (3) Picnic Table Boards 'AV'
- (1) Cleat 'BH'

Hardware needed for this phase:

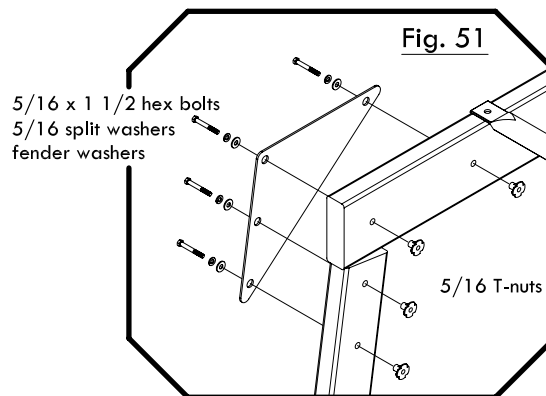
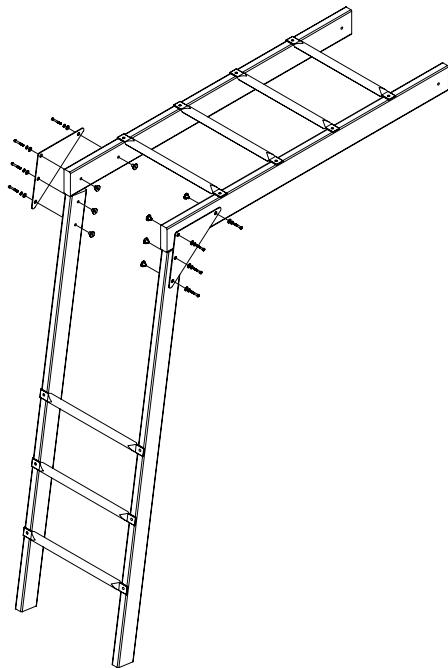
- (4) 2" Lag Screws
- (4) 1 1/2" Deck Screws
- (5) 1 1/4" Deck Screws
- (4) Fender Washers

Phase 33 : Monkey Bar Assembly

- Step 1:** Place 2 monkey bar top beams 'C' on a flat surface and 19 1/4" apart as shown below. Make sure that the top beams are facing the same direction by the hole orientation.
- Step 2:** Place 4 metal rung bars on top of top beams 'C' starting 12" from the edge with 2 holes on the end and 12" apart to the center of the metal rungs. Attach to top beams with 1 1/2" tapping screws as shown below.
- Step 3:** Place 2 end ladder rails 'G' on a flat surface and 19 1/4" apart as shown below. Make sure that the ladder rails are facing the same direction by the hole orientation.
- Step 4:** Place 3 metal rung bars on top of ladder rails 'G' starting 13 1/2" from the edge without any holes on the end and 12" apart to the center of the metal rungs. Attach to ladder rails with 1 1/2" tapping screws as shown below.



- Step 5:** Place end ladder assembly under the monkey bar as shown below.
- Step 6:** Attach end ladder to monkey bar by placing the end beam plate on the outside of each ladder rail and monkey bar rail and insert t-nuts on the inside as shown.
- Step 7:** Insert 1 1/2" hex bolts with split washers and flat washers through the outside of the metal plate and into the t-nuts.



Items needed for this phase:

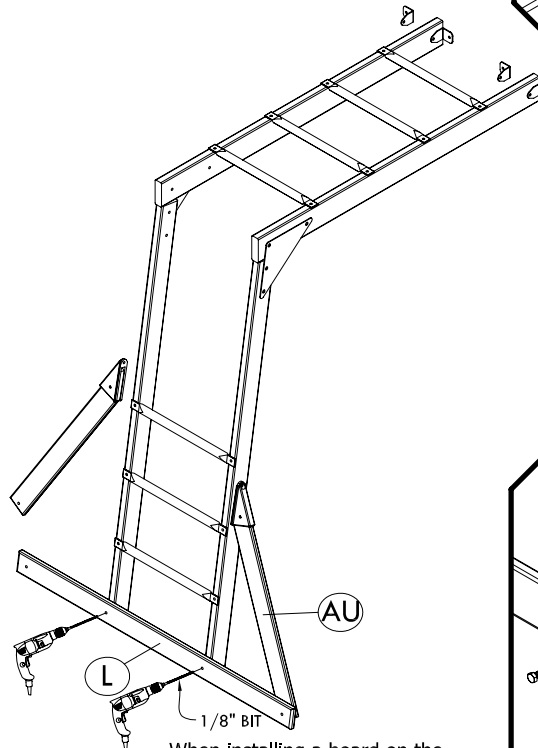
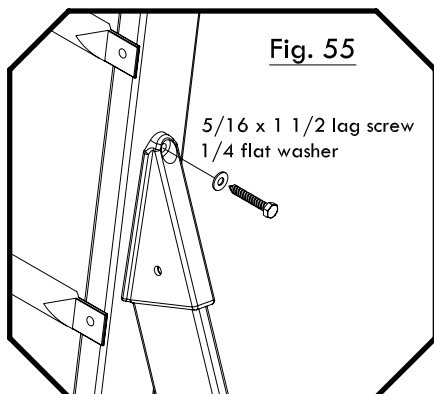
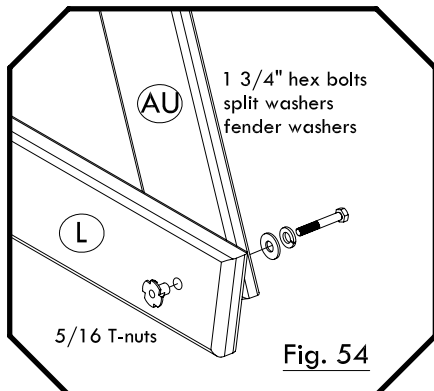
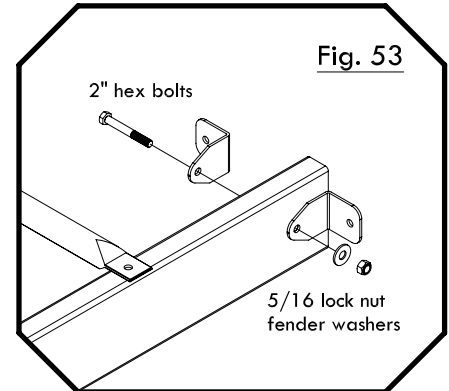
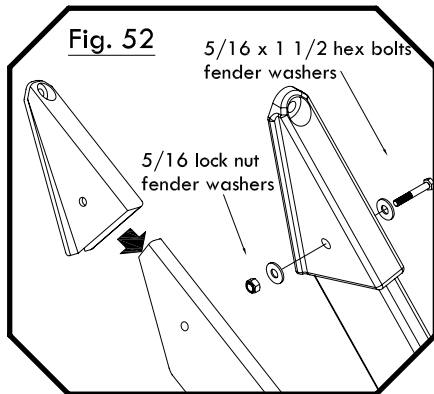
- (2) End Ladder Rail 'G'
- (2) Monkey Bar Top Beam 'C'
- (7) Monkey Bar Rung
- (2) Monkey Bar Plate

Hardware needed for this phase:

- (14) 1 1/2" Tapping Screws
- (8) T-nuts
- (8) 1 1/2" hex bolts
- (8) split washers
- (8) fender washers

Phase 34 : Monkey Bar Assembly

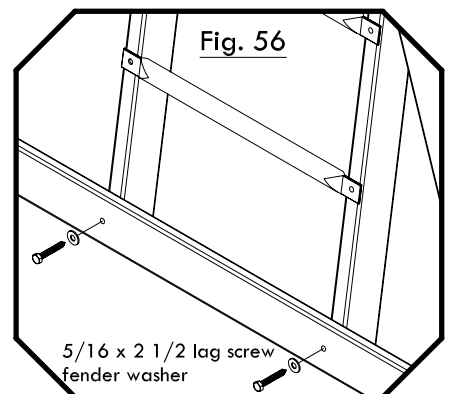
- Step 1:** Attach L-brackets to the end of monkey bar top rails using 2" hex bolts through the angled part of the L-bracket. Make sure to insert the hex bolts through the inside of the monkey bar as shown below.
- Step 2:** Place ground beam 'L' on the bottom of end ladder and attach to end ladder with 2 1/2" lag screws as shown in illustration. *(PRE-DRILL WITH 1/8" BIT TO PREVENT SPLITTING)*
- Step 3:** Attach angle brace bracket to the angled cut end of angle brace 'AE' using 1 1/2" hex bolts and lock nuts as shown.
- Step 4:** Angle brace 'AU' must be attached to each side of the monkey bar end ladder and the ground beam 'L'. Insert t-nut into the hole through the front of the ground beam 'L' and use a 1 3/4" hex bolt through the bottom of angle brace 'AU' to attach it to the ground beam 'L'. Swing the angle bracket against the side of the monkey bar and attach it to the rail using 1 1/2" lag screw and 1/4" flat washer as shown below.



When installing a board on the small face of a 2x4, predrilling the attachment hole is REQUIRED.

Just place the board where the attachment is needed and by using the holes in the rail as a guide, drill holes into the 2x4 with a 1/8" drill bit 1 1/4" deep.

FAILURE TO PRE-DRILL MAY RESULT IN BOARD SPLITTING.



Items needed for this phase:

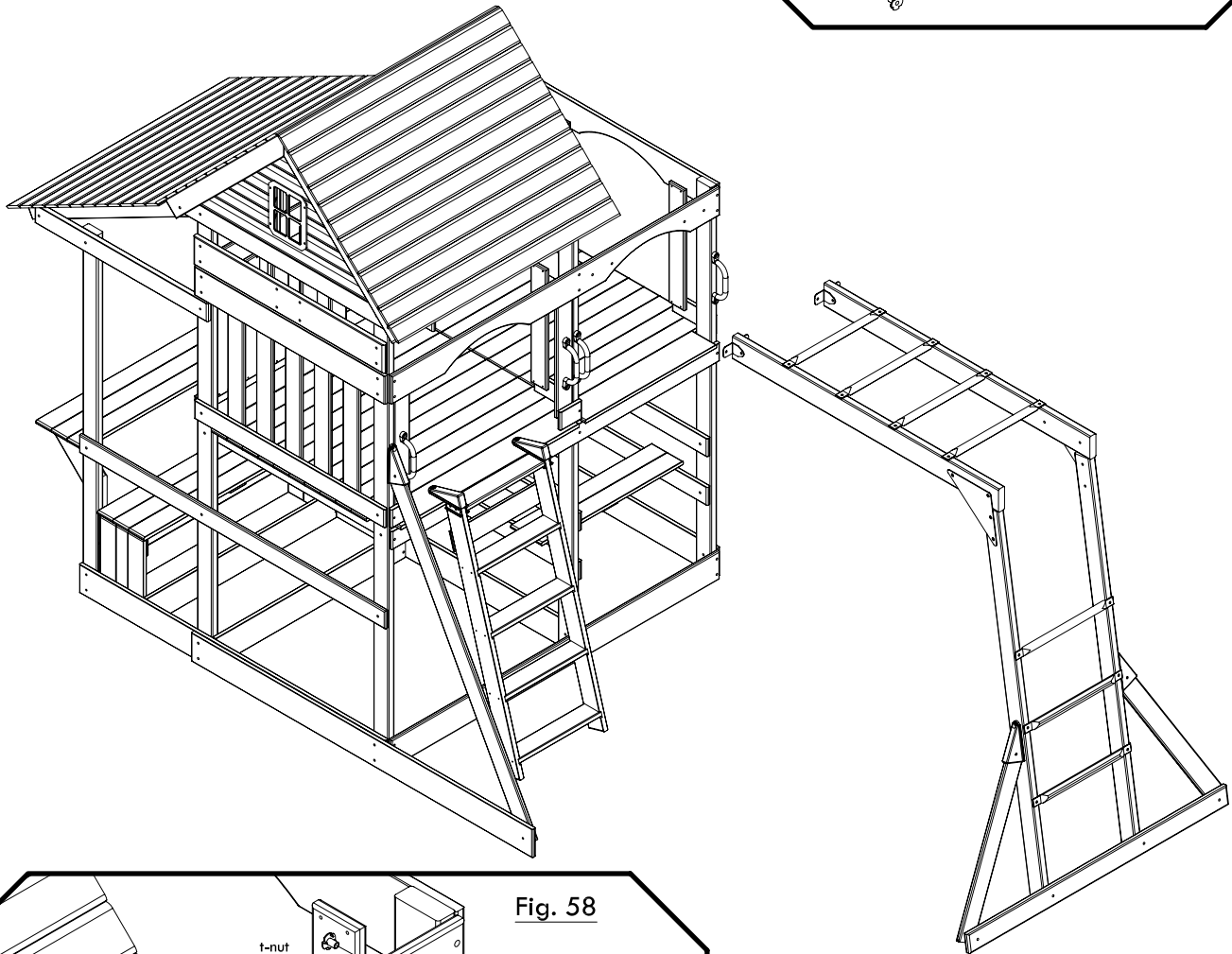
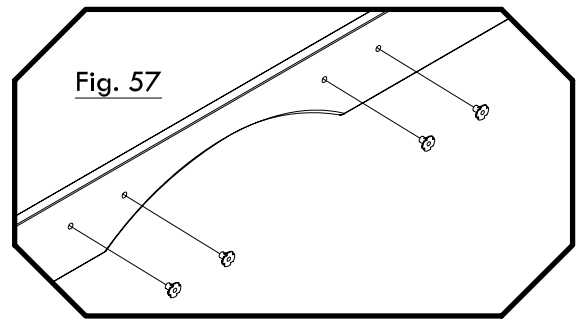
- (1) Monkey Bar Ground Beam 'L'
- (2) Fort Angle Brace 'AU'
- (2) Angle Brace Bracket
- (4) L-Bracket

Hardware needed for this phase:

- | | |
|-----------------------|-----------------------|
| (2) 2" hex bolts | (2) 1/4" flat washers |
| (2) 1 3/4" hex bolts | (2) T-nuts |
| (2) 1 1/2" hex bolts | (4) lock nuts |
| (2) 2 1/2" lag screws | (2) split washers |
| (2) 1 1/2" lag screws | (10) Fender Washers |

Phase 35 : Monkey Bar Attachment

Step 1: From the inside of the Fort, hammer t-nuts into the (4) monkey bar attachment holes on the Double Arched Rail 'AA' as shown in Fig 57.



Step 2: Attach the Monkey Bar Assembly to the Monkey Bar Attachment Rail 'F' using (4) 1" hex bolts with split and fender washers through the metal bracket then through the Rail and into the t-nuts from step 1 as shown in Fig 58.

Items needed for this phase:

(1) Monkey Bar Assembly

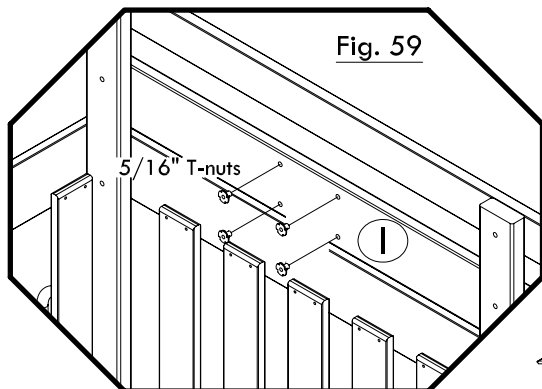
Hardware needed for this phase:

(4) 1" Hex Bolts
(4) Split Washers

(4) Fender Washers
(4) T-Nuts

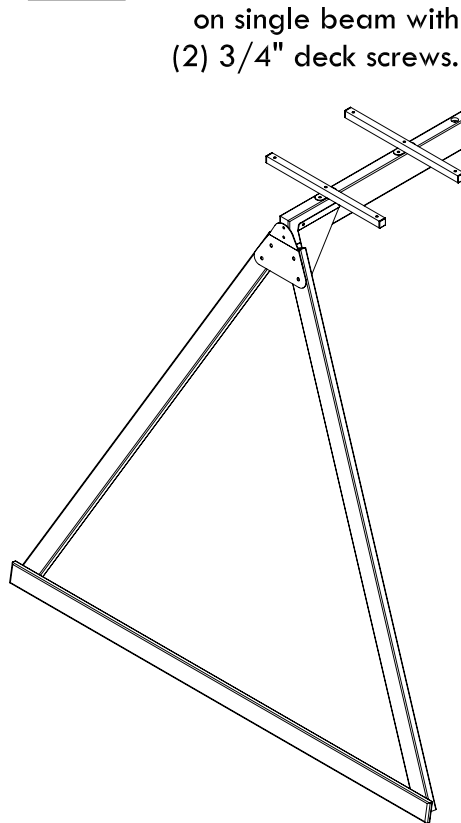
Phase 36 : Single Beam Attachment

Fig. 59



Step 1: From the inside of the Fort, hammer t-nuts into the (4) single beam attachment holes on the Attachment Rail 'I' as shown in Fig 59.

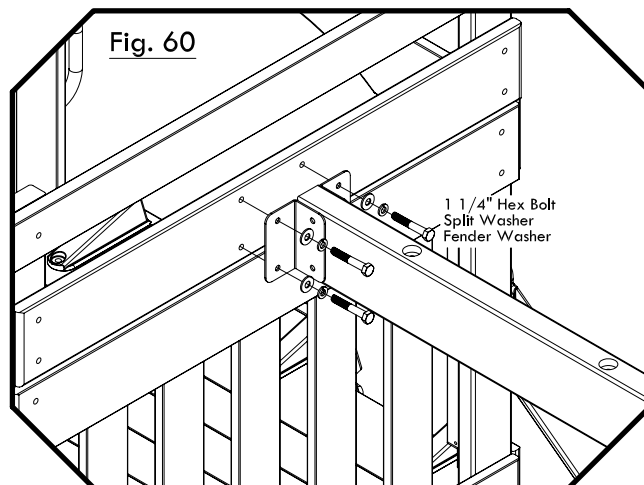
Step 2: Attach Placard centered on single beam with (2) 3/4" deck screws.



Step 3: Attach the Single Beam Assembly to the Single Beam Attachment Rail 'I' using (4) 1 1/4" hex bolts with split and fender washers through the metal bracket then through the Rail and into the t-nuts from step 1 as shown in Fig 60.

RETURN TO PHASE 6 AND COMPLETE STEPS 4 & 5.

Fig. 60



Items needed for this phase:

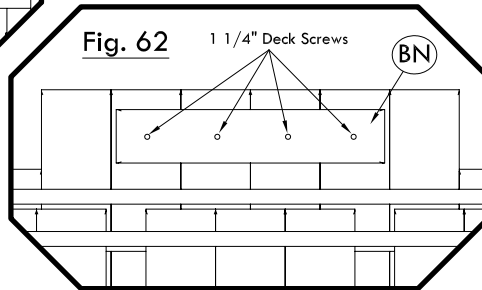
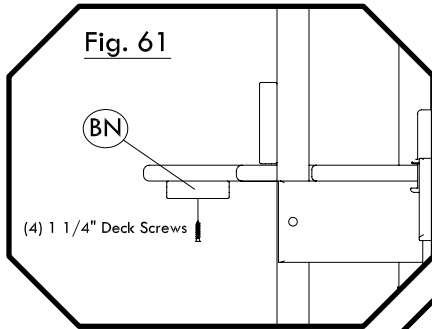
- (1) Single Beam Assembly
- (1) Adventure Playsets Placard

Hardware needed for this phase:

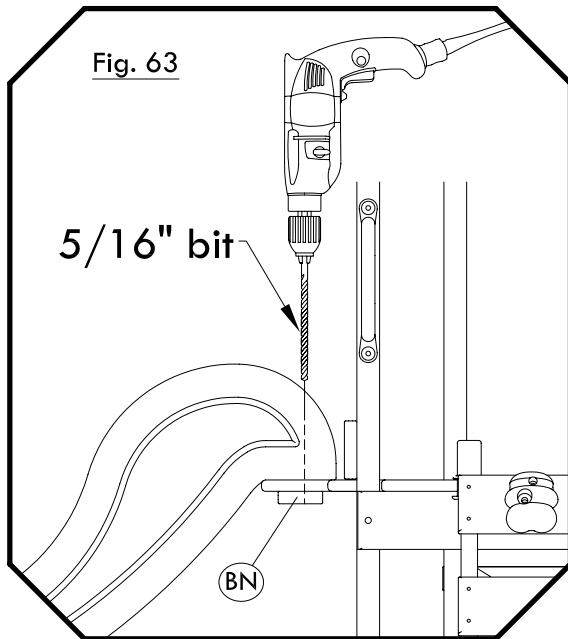
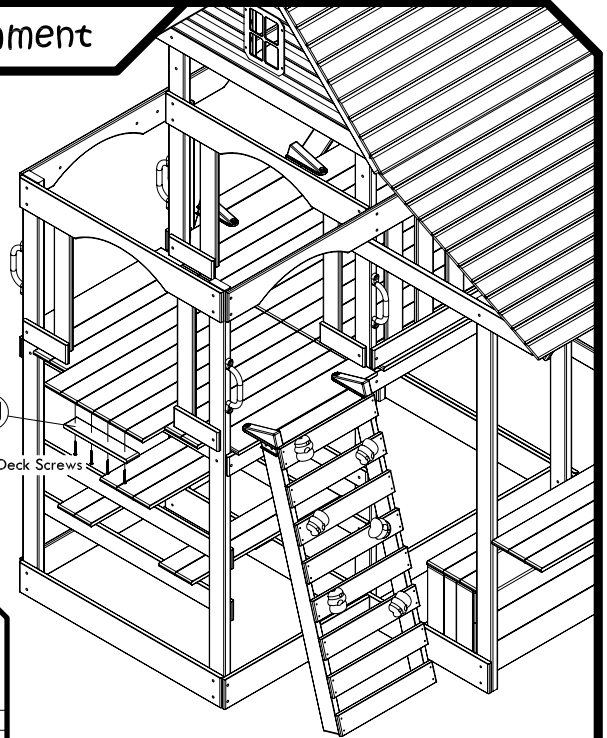
- (4) 1 1/4" Hex Bolts
- (4) Split Washers
- (4) Fender Washers
- (4) T-nuts
- (2) 3/4" Deck Screws

Phase 37 : Slide Attachment

Step 1: Attach (1) Panel Cleat 'BN' to the underside of the Sundek floor, centered on the edge of the boards, 1" in from the edge of the (6) sundek boards that protrude. Attach this board with (4) 1 1/4" deck screws as shown.

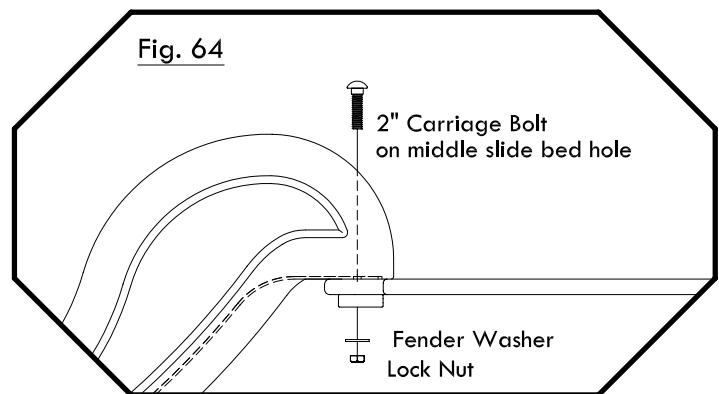


(4) 1 1/4" Deck Screws



Step 2: You will need to drill holes for the slide to attach to. Do this by placing the Slide Assembly on the fort floor in the opening shown. Center the slide in the opening and drill (3) attachment holes in the fort floor and cleat by using the holes in the slide bed as your guide.

Step 3: Attach the Slide Assembly to the Fort floor, by placing a 2" carriage bolt through each hole on the slide bed and into a fender washer and lock nut on the bottom side as shown.



Items needed for this phase:

- (1) Slide Assembly
- (1) Cleat 'BN'

Hardware needed for this phase:

- (3) 2" Carriage Bolts
- (4) 1 1/4" Deck Screws
- (3) Fender Washers
- (3) Lock Nuts

Phase 38 : Chimney Installation

- Step 1:** Place Chimney Boards 'W', 'X' and 'Y' on a flat surface with flat edges to the bottom and attach Chimney Sides 'W' to Chimney Front 'X' and Back 'Y' using 2 1/4" deck screws as shown below.
- Step 2:** Attach Chimney Bottom 'J' to the angled cuts of Chimney Boards 'W', 'X' and 'Y' using 2 1/4" deck screws as shown below.
- Step 3:** Attach Chimney Trim 'BR' and 'BO' to Chimney Boards 'W', 'X' and 'Y' wrapping the trim by starting flush on one end and overlapping the others as shown below with 1 1/2" deck screws.
- Step 4:** Attach Chimney to the top of roof where shown in illustration on the 4th roof board from the top and 5 3/4" from the edge. Use 2 1/4" deck screws from inside fort running screws through roof cleat.

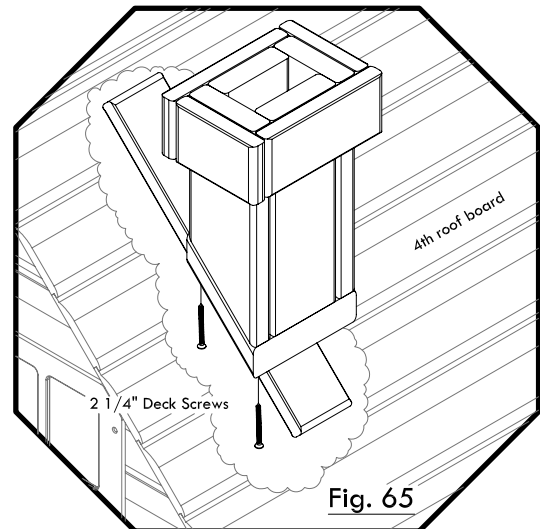
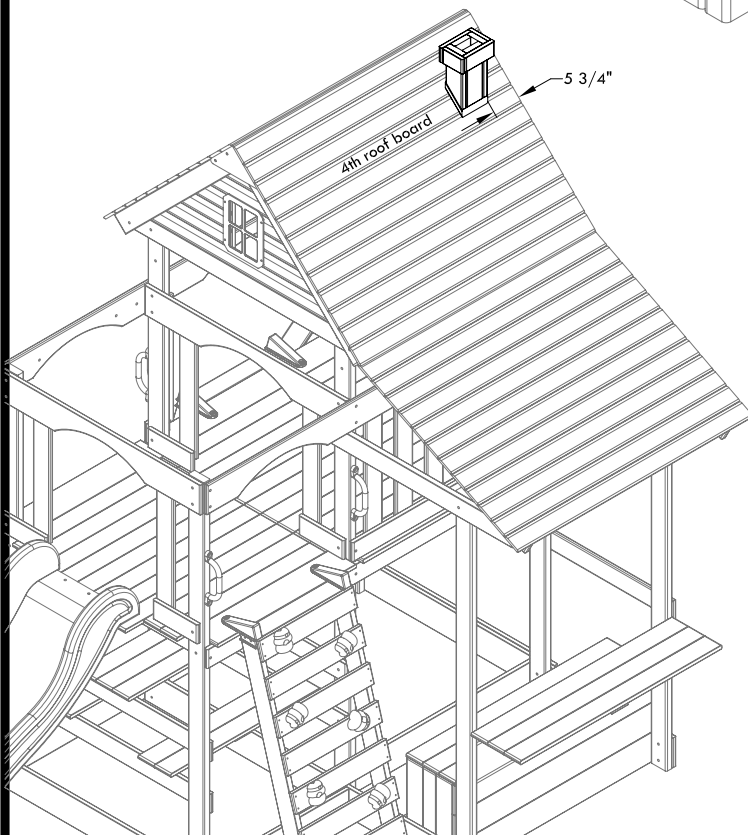
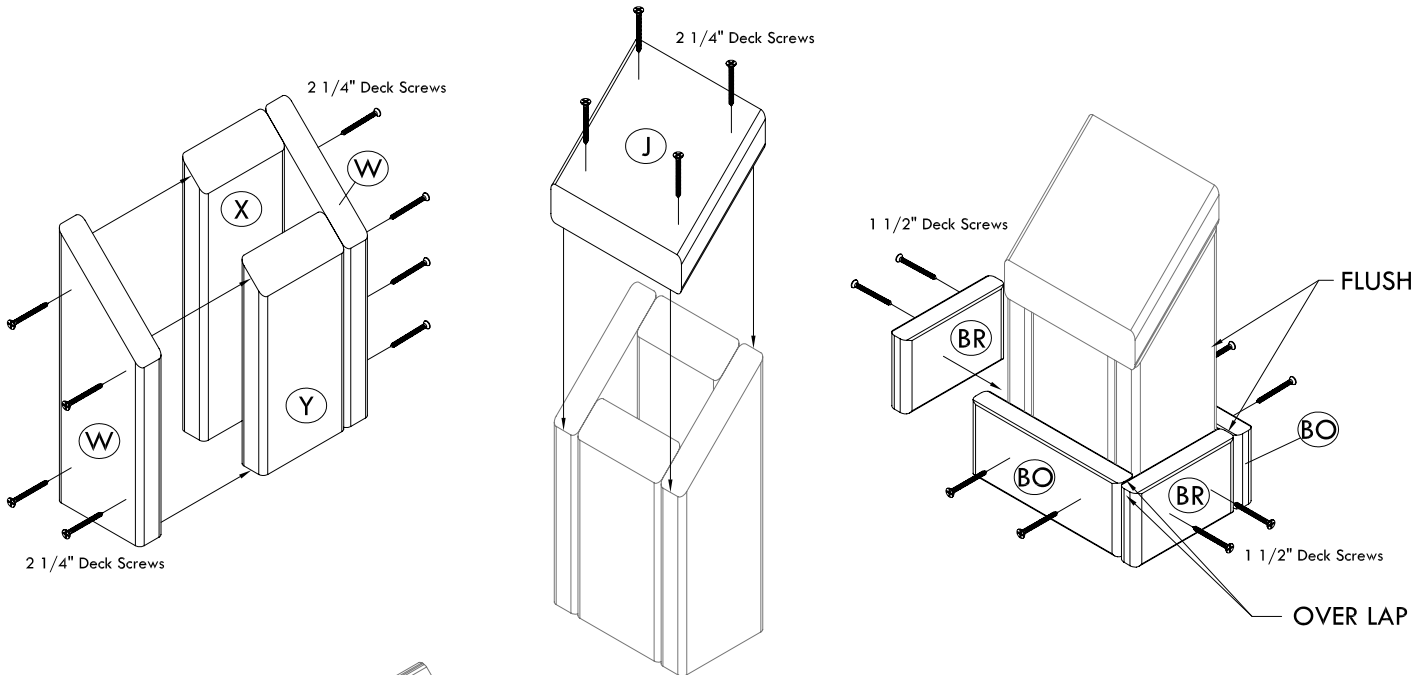


Fig. 65

Deck screw from underneath the roof through the roof cleat.

Items needed for this phase:

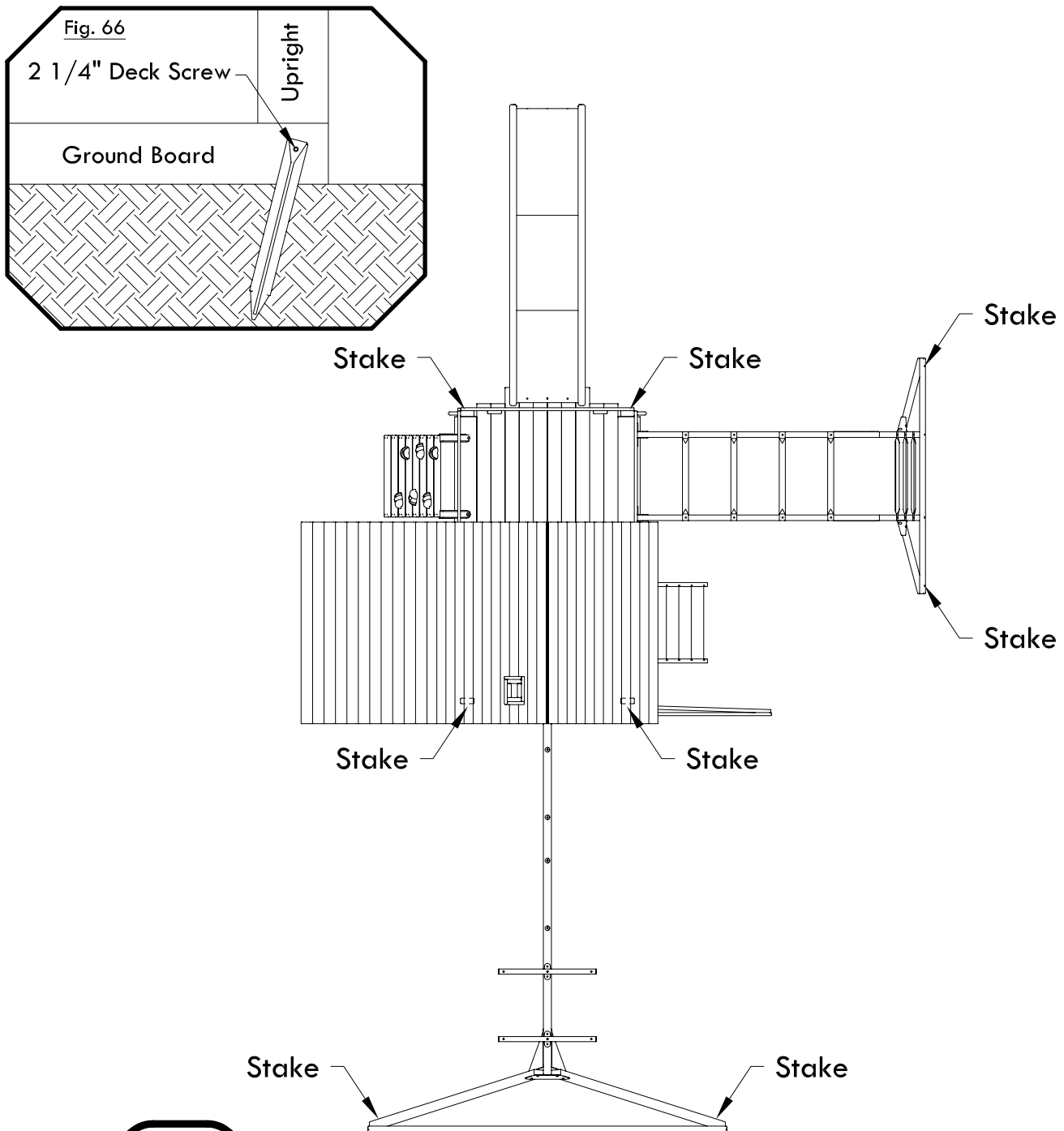
- | | |
|------------------------|------------------------|
| (1) Chimney Bottom 'J' | (1) Chimney Back 'Y' |
| (2) Chimney Side 'W' | (2) Chimney Board 'BR' |
| (1) Chimney Front 'X' | (2) Chimney Trim 'BO' |

Hardware needed for this phase:

- (14) 2 1/4" Deck Screws
(8) 1 1/2" Deck Screws

Phase 39 : Fort Anchoring

Step 1: Drive Stakes into ground against boards where shown below and attach with (1) 2 $\frac{1}{4}$ " deck screw each as shown in Fig. 66 below.



Note: Failure to use stakes can void warranty & cause injury.

Final Step: Double check and make sure every bolt, screw and nut is tight. Make sure every board is secure. Make sure the fort is level and enjoy your playset.

Items needed for this phase:

(8) Anchoring Stakes

Hardware needed for this phase:

(8) 2 $\frac{1}{4}$ " Deck Screws

Instructions by: Brian D. Estes '08

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Frequently Asked Questions

Below are some general questions asked by customers. Some may not apply to the playset you purchased, but others may answer some of the questions you may have about your playset.

Q: What size of play area do you recommend around the playset so my child may play safe?

A: We recommend at least a six-foot play perimeter around the playset.

Q: My swing set seems to sway or rock too much. What is wrong?

A: Rocking is caused by uneven ground or obstructions such as rocks, roots, etc. under the ground rails. These obstructions should be removed and the ground underneath leveled to prevent rocking. If the fort itself is moving, it is usually caused because the fort is not staked down. Staking is required and will stop most of the movement.

Q: The end beam is not straight up and down. What is wrong?

A: Nothing is wrong. The end ladder does not form a 90° angle. It has an angle to it.

Q: The S-hooks for my swings won't close. What is wrong?

A: The S-hook must be on a solid foundation when trying to close. It takes quite a few strokes, but the S-hook will close.

Q: My wood appears to be cracking. Is that a problem?

A: No, expansion and contraction of wood due to weather changes will cause slight cracking (technically called checking) and distortion. These are natural characteristics of wood and do not affect the structural integrity of the playset.

Q: My 2x4 boards do not measure 2"x4". Why not?

A: It has been common practice in the U.S. to use the rough-cut dimension from a sawmill to describe the width and height of a particular piece of lumber. Many retailers, designers, contractors and manufactures utilize this description with a common and accepted knowledge that the actual size will vary from this description. Our sets are designed using the actual dimension. This ensures the sets will be assembled properly and be safe for the recommended use.

Q: How often should I re-stain my playset and what should I use?

A: The playset should be checked at least once a year depending on the weather. Lightly sand any rough areas and re-stain the set with a waterborne transparent stain.

Limited Warranty

It is the customers' responsibility to install and maintain their playset as instructed in the instruction manual. Subject to normal use, Adventure Playsets warrants to the original purchaser all products to be free from workmanship defects for a period of one year from the date of the original purchase. The warranty on Adventure Playsets play products is valid to the original purchaser and is not transferable.

- Wooden parts: All wooden parts are covered against wood rot and termite damage for 10-years from the original purchase date.
- Non-wooden parts: All non-wood parts will carry a 1-year warranty only.
- All defective parts that are discovered and reported in the first thirty days after purchase will be replaced at no charge to the registered customer. After thirty days from purchase, shipping and handling charges for replacement will apply.
- A complete listing of our replacement parts is available through Adventure Playsets customer service department. Contact 1-800-856-4445
- Please validate your warranty by completing the warranty information card and return it to us within 30 days of your purchase. This information is used exclusively for internal purposes and for verification, if necessary.
- Please retain a copy of your sales receipt or other proof-of-purchase as this will be required should it become necessary to submit a claim.

This Limited Warranty does not cover the following:

- ❑ The cost of labor required to re-install or disassemble the defective component.
- ❑ The cost of air freight
- ❑ The cost of freight after the initial 30 days from purchase.
- ❑ Cosmetic defects that do not affect the structural integrity of the play center.
- ❑ Any abnormal conditions such as vandalism, improper installation, misuse or abuse, or improper maintenance.
- ❑ Damage done by nature such as wind, lightning, severe weather, etc...
- ❑ Natural defects of wood such as warping, checking or any other physical properties of wood that do not present a hazard.
- ❑ Damage done to the set caused by failure to follow maintenance instructions. (refer to page 7)
- ❑ Floor models, Display Units, Clearance Items or any other unit purchased from another individual making you the 2nd owner, are not covered by the limited warranty.

Adventure Playsets products have been carefully designed to insure your child's safety. Any modifications to your playsystem could result in serious injury as well as void all warranties.

Our playsets are designed for Residential use only, for children between the ages of 3 and 10. Commercial use such as nurseries (including home/residential childcare), parks or schools, voids all warranties and liabilities.

Warranty claim procedure

If you are confident that your playsystem has been installed and maintained properly, and you have a warranty claim, proceed with the following steps:

1. We will need copy of your proof of purchase (Vendor sales receipt only.)
2. We require a brief written description of the warranty issue.
3. Photos of warranted parts and of the entire play system.

If **any** of the above steps are not completed, there may be delays in the completion of your claim, or possibly warranty cancellation.

Mail information to:

**Adventure Playsets
14201 I-27
Amarillo, Texas
79119**

or email at

custservice@adventureplaysets.com

Our customer service department will review the claim and make contact with the customer by mail or by phone. The customer will only pay for shipping and handling to and from factory if warranty is approved.

1-800-856-4445

Service department hours Monday thru Friday 9am to 5pm

Saturday 9am to 2pm (During Season)

Central standard time

Customer Registration Card

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Home Phone: _____

Date of Purchase: _____ Date Stamped on Box: _____

Vendor Name: _____

City: _____ State: _____ Zip: _____

Unit Model: 35008 Unit Name: The Sierra - 2008

Please check the boxes below:

How old are you?

☐ 18-30

☐ 31-43

☐ 44-56

☐ Older than 56

How would you rate the quality of our product?

☐ Above Average

☐ Average

☐ Fair

☐ Poor

How would you rate the ease of assembly of our product?

☐ Above Average

☐ Average

☐ Fair

☐ Poor

How would you rate our instructions?

☐ Above Average

☐ Average

☐ Fair

☐ Poor

Would you recommend our product to friends & family?

☐ Yes

☐ No

How old are your children?

☐ 3-4

☐ 5-6

☐ 7-8

☐ 9-10

Where did you hear about us?

☐ Friend

☐ Store Display

☐ Advertisement

☐ Internet

Comments: _____



Customer Registration Card

**Do not forget to send in your registration card to the factory.
This card will validate your time of purchase for warranty items.**

Fold here

**Place
stamp
here**

**Adventure Playsets
14201 I-27
Amarillo Texas, 79119**