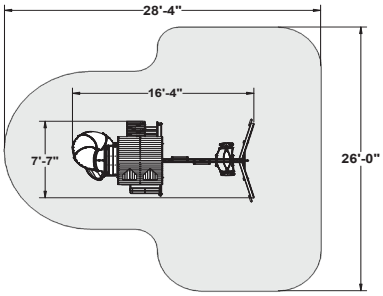
FOREST HILL RETREAT PLAY SYSTEM – F23180

INSTALLATION AND OPERATING INSTRUCTIONS



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

OBSTACLE FREE SAFETY ZONE - **28'4" x 26'** area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - **6'5" (1.98 m)**

CAPACITY - **11** Users Maximum, Ages **3** to **10**; Weight Limit **110 lbs. (49.9 kg)** per child.

RESIDENTIAL HOME USE ONLY. Not intended for public areas such as schools, churches, nurseries, day cares or parks. Warning. Only for domestic use.

KidKraft

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Warnings and Safe Play Instructions

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

WARNING

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

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

CHOKING HAZARD/SHARP EDGES & POINTS
Adult assembly required. This product contains small parts and parts with sharp edges and points. Keep parts away from children until fully assembled.

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

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

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

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

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

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

WARNING – Safe Play Instructions

- ✓ Observe capacity limitations of your play-set. See front cover.
- ✓ Dress children with well fitting and full foot enclosing footwear.
- ✓ Teach children to sit with their full weight in the center of the swing seat to prevent erratic swing motion or falling off.
- ✓ Check for splintered, broken or cracked wood; missing, loose, or sharp edged hardware. Replace, tighten and or sand smooth as required prior to playing.
- ✓ Verify that suspended climbing ropes, rope ladders, chain or cable are secured at both ends and cannot be looped back on itself as to create an entanglement hazard.
- ✓ On sunny and or hot days, check the slide and other plastic rides to assure that they are not very hot as to cause burns. Cool hot slide and rides with water and wipe dry prior to using.
- ✓ Orientate slide such that it gets the least amount of exposure to the sun.
- ✘ Do not allow children to wear open toe or heel footwear like sandals, flip–flops or clogs.
- ✘ Do not allow children to walk, in front, between, behind or close to moving rides.
- ✘ Do not let children twist swing chains or ropes or loop them over the top support bar. This may reduce the strength of the chain or rope and cause premature failure.
- ✘ Do not let children get off rides while they are in motion.
- ✘ Do not permit climbing on equipment when it is wet.
- ✘ Do not permit rough play or use of equipment in a manner for which it was not intended. Standing on or jumping from the roof, elevated platforms, swings, climbers, ladders or slide can be dangerous.
- ✘ Do not allow children to swing empty rides or seats.
- ✘ Do not allow children to go down slide head first or run up slide.

⚠Protective Surfacing - Reducing Risk of Serious Head Injury From Falls.

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

Loose-Fill Materials

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

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

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

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

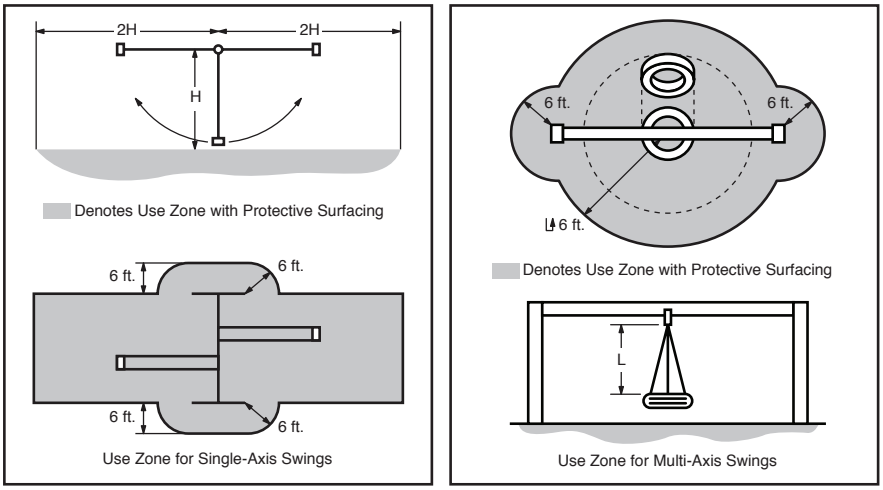
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

Placement

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

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



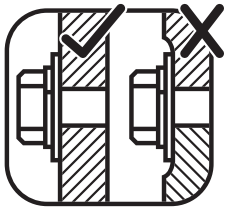
From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

Instructions for Proper Maintenance

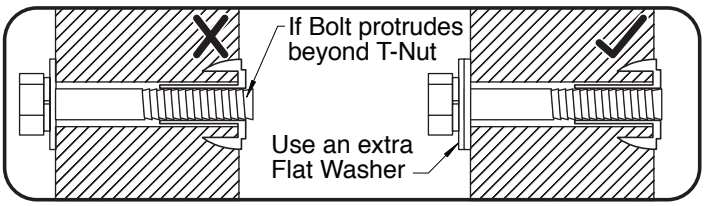
Your KidKraft Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain it.

Check the following at the beginning of the play season:

HARDWARE:



- ✓ Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.
- ✓ Inspect and tighten all hardware. On wood assemblies DO NOT OVER-TIGHTEN as to cause crushing and splintering of wood.
- ✓ Check for sharp edges or protruding screw threads, add washers if required.



SHOCK ABSORBING SURFACING:

- ✓ Check for foreign objects. Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

GROUND STAKES (ANCHORS):

- ✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary.

SWING HANGERS:

- ✓ Check that bolts are secure and tight. Quick clips should be completely closed and threaded clips screwed tight.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.

SWINGS, ROPES AND RIDES:

- ✓ Reinstall if removed during cold season. Check all moving parts including swing seats, ropes, chains and attachments for wear, rust and other deterioration. Replace as needed.
- ✓ Check that ropes are tight, secure at both ends and cannot loop back as to create an entrapment.

WOOD PARTS:

- ✓ Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal.
- ✓ Unprotected, they will appear weathered over time. Periodic application of an exterior water repellent or stain (water-based) will help improve appearance and life.

Check twice a month during play season:

HARDWARE:

- ✓ Inspect for tightness. Must be firmly against, but not crushing the wood. DO NOT OVER-TIGHTEN. This will cause splintering of wood.
- ✓ Check for sharp edges or protruding screw threads. Add washers if required.

SHOCK ABSORBING SURFACING:

- ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

Check once a month during play season:

SWING HANGERS:

- ✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.

SWINGS AND RIDES:

- ✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.

Check at the end of the play season:

SWINGS AND RIDES:

- ✓ To prolong their life, remove swings and store inside when outside temperature is below 32°F/0°C. Below freezing, plastic parts may become more brittle.

SHOCK ABSORBING SURFACING:

- ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

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

About Our Wood

KidKraft Premium Play Systems uses only premium playset lumber, ensuring the safest product for your children's use. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

What causes weathering? Does it affect the strength of my Play System?

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the climate changes, moisture moves in or out of the wood, causing tension which can result in checking and or warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

1. **Checking** is surface cracks in the wood along the grain. A post (4" x 4") will experience more checking than a board (1" x 4") because the surface and interior moisture content will vary more widely than in thinner wood.
2. **Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.
3. **Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn a grey over time.

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

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

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

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

5 Year Limited Warranty

KidKraft warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 5 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.
This warranty applies to the original owner and registrant and is non-transferable.
Regular maintenance is required to assure the integrity of your Play System. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

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

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

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

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

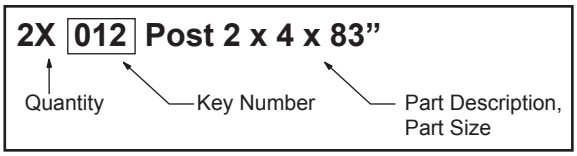
Keys to Assembly Success

Tools Required

• Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill	• #1, #2 & #3 Phillips or Robertson Bits or Screwdriver • Ratchet with extension (1/2" & 9/16" sockets)	• Open End Wrench (7/16", 1/2" & 9/16") • Adjustable Wrench • 1/8" & 3/16" Drill Bits • Pencil	• 3/16" Hex Key • 8' Step Ladder • Safety Glasses • Adult Helpers

Part Identification Key

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

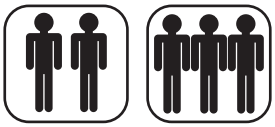


Symbols

Throughout these instructions symbols are provided as important reminders for proper and safe assembly.

This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.

Use Help Use Help



Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!

Measure Distance

Check that assembly is square before tightening bolts.

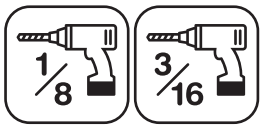
Use a measuring tape to assure proper location.

Square Assembly

Check that set or assembly is properly level before proceeding.

Use Level

Pre-drill 1/8" & 3/16" Bit



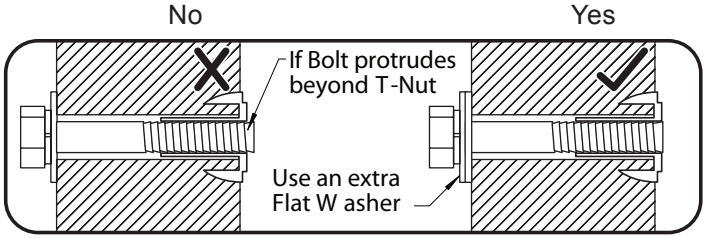
Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

Tighten Bolts

This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.

⚠CAUTION – Protrusion Hazard

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

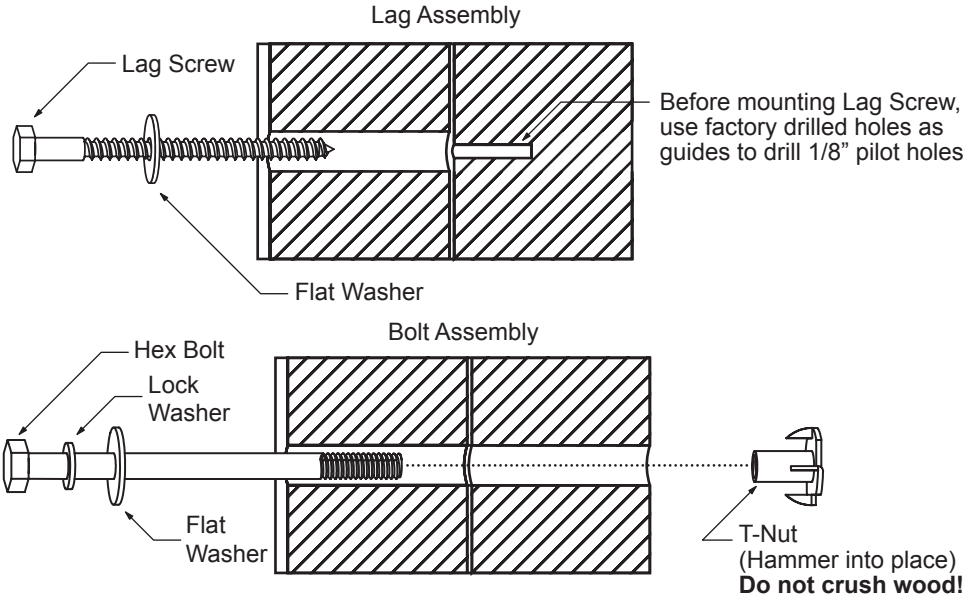


Proper Hardware Assembly

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

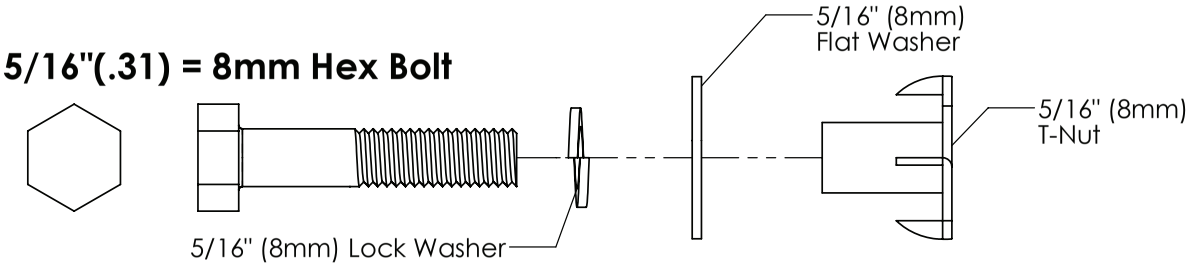
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

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

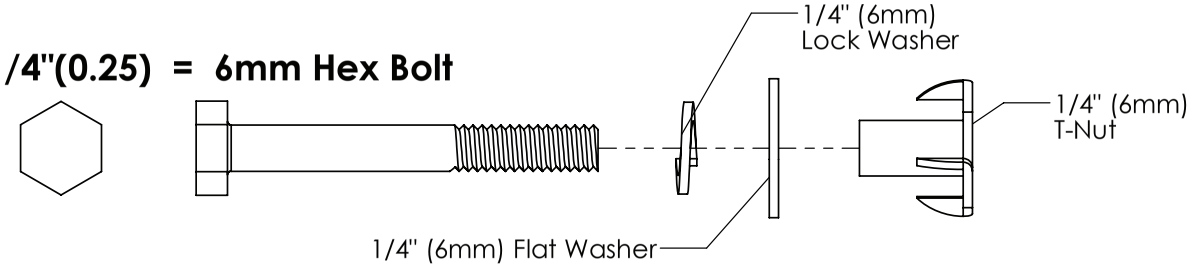


KIDKRAFT DESIGN HARDWARE

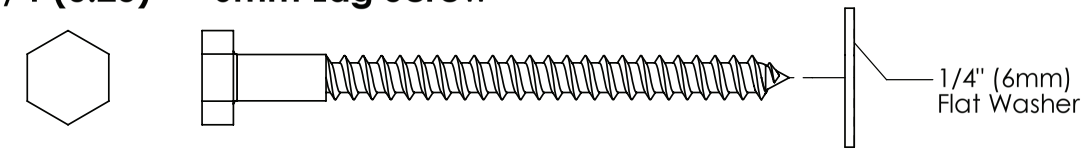
5/16"(.31) = 8mm Hex Bolt



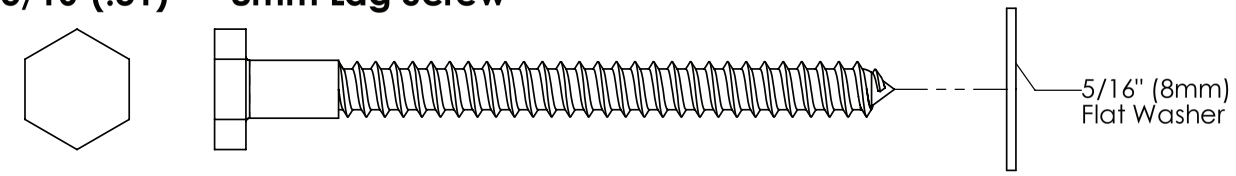
1/4"(0.25) = 6mm Hex Bolt



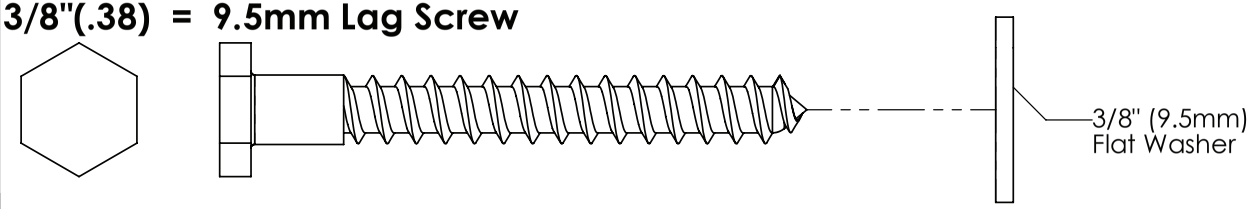
1/4"(0.25) = 6mm Lag Screw



5/16"(.31) = 8mm Lag Screw



3/8"(.38) = 9.5mm Lag Screw



HARDWARE LENGTH CHART *inches* vs *millimetres*	
6	152
5½	140
5	127
4½	114
4	102
3½	89
3	76
2½	64
2	51
1½	38
1¼	32
1-1/8	29
1	25.4
7/8	22
3/4	19
1/2	12.7

DIAMETER CONVERSION

1 inch = 25.4mm

For example:

BOLT DIAMETER 5/16 (0.31) inches

0.31 inches x 25.4mm = 8mm

LENGTH CONVERSION

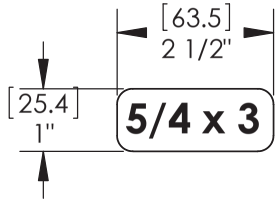
1 inch = 25.4mm

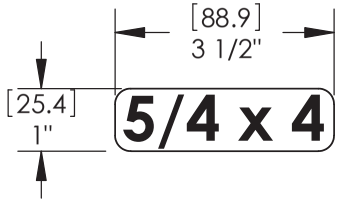
For example:

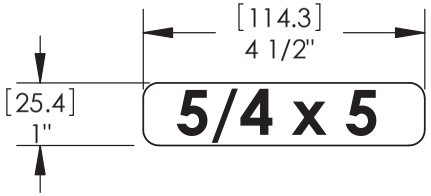
BOLT LENGTH 4½ (4.5) inches long

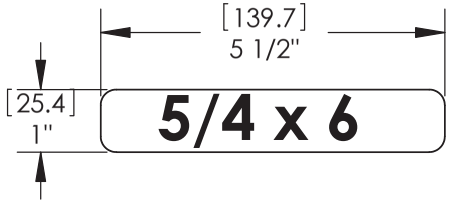
4.5 inches x 25.4mm = 114mm long

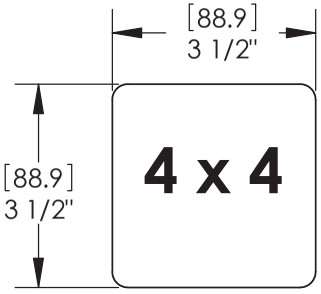
KIDKRAFT DESIGN WOOD PROFILES

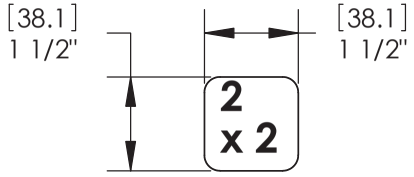


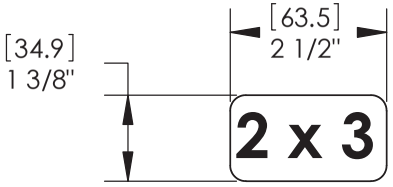


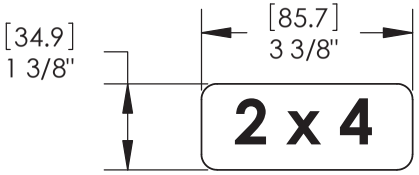


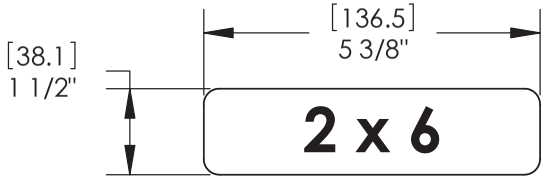




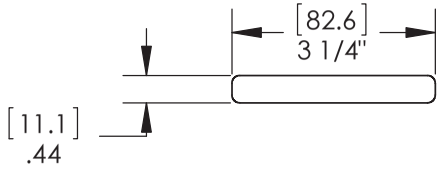








Dimensions in brackets [mm] represent millimetres.



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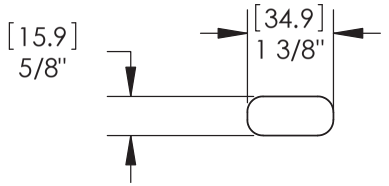
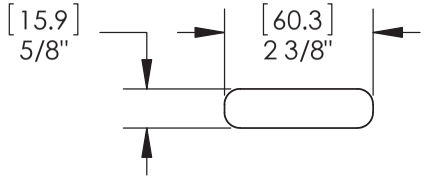
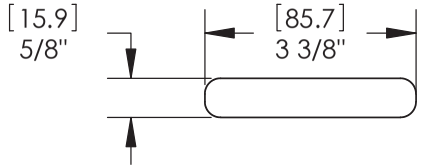


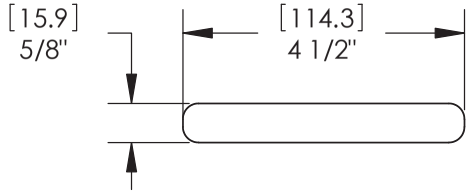
1 x 2



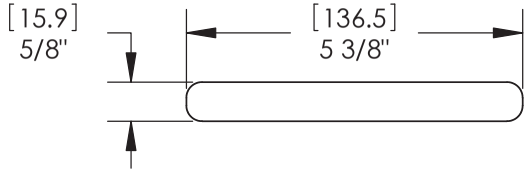
1 x 3



1 x 4



1 x 5



1 x 6

LENGTH CONVERSION

1 inch = 25.4mm

For example:

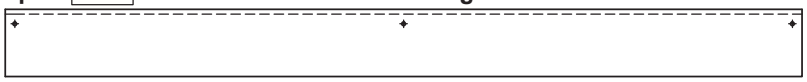
BOARD LENGTH 59¼ (59.25) inches

59.25 inches x 25.4mm = 1505mm

Part Identification (Reduced Part Size)

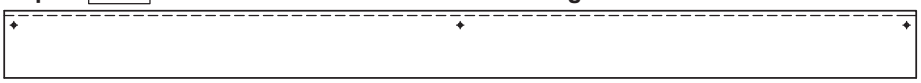
Nominal Size	Actual Size
3/8 x 3-1/2	3/8 x 3-1/2
1 x 2	5/8 x 1-3/8
1 x 2-1/2	5/8 x 1-3/4
1 x 4	5/8 x 3-3/8
1 x 5	5/8 x 4-1/2

6pc. - 1930 - 3/8 x 3-1/2 x 41-1/2" - Siding - Box 2 - 3631930

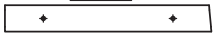


12pc. - 1482 - - Siding 3/8 x 3-1/2 x 42-5/8" - Box 2 - 3631482

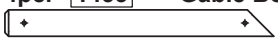
24pc. - 5155 - 3/8 x 3-1/2 x 47-1/2" - Cedar Roofing - Box 2 - 3635155



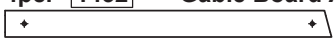
2pc. - 1419 - - Window Divider 1 x 2 x 10-3/4" - Box 2 - 3631419



4pc. - 1433 - - Gable Board B 1 x 2 x 14" - Box 2 - 3631433

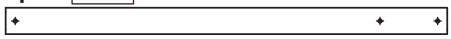


4pc. - 1432 - - Gable Board A 1 x 2 x 17" - Box 4 - 3631432

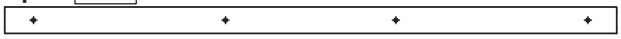


1pc. - 1415 - 1 x 2 x 19-5/8" - Lower Trim - Box 4 - 3631415

2pc. - 1431 - 1 x 2 x 23" - Centre Gable Board - Box 3 - 3631431



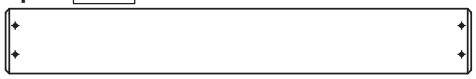
2pc. - 1411 - 1 x 2 x 31-7/8" - Wall Trim - Box 2 - 3631411



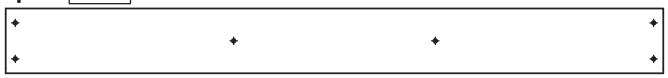
1pc. - 1870 - 1 x 2-1/2 x 19-5/8" - Trim Short - Box 4 - 3641870

1pc. - 2597 - 1 x 4 x 19-3/4" - Rock Top - Box 3 - 3632597

3pc. - 1858 - 1 x 4 x 24-1/4" - Short Wall Support - Box 3 - 3641858



1pc. - 1436 - 1 x 4 x 34-1/4" - Crowsnest Floor - Box 3 - 3631436



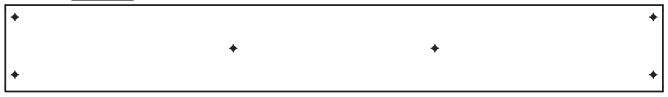
12pc. - 0839 - 1 x 4 x 38-3/4" - CE Gap Board - Box 2 - 3630839

2pc. - 2593 - 1 x 4 x 39-7/8" - Post Support - Box 3 - 3632593

2pc. - 0968 - 1 x 4 x 41-1/2" - Middle Top - Box 3 - 3630968

3pc. - 1412 - 1 x 4 x 42-5/8" - Window Sill - Box 3 - 3641412

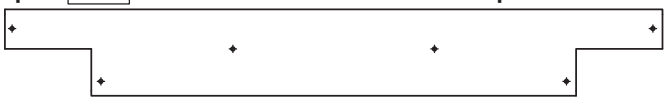
2pc. - 1437 - 1 x 5 x 34-1/4" - Crowsnest Floor - Box 2 - 3631437



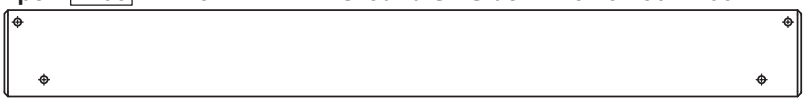
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1 x 5	5/8 x 4-1/4
1 x 6	5/8 x 5-1/4
5/4 x 3	15/16 x 2-1/2
5/4 x 4	15/16 x 3-1/2

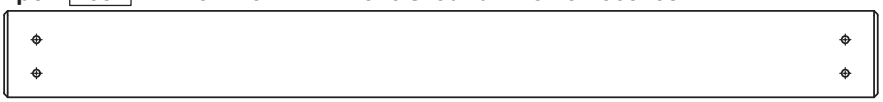
1pc. - 1438 - 1 x 5 x 34-1/4" - Crowsnest Gap - Box 4 - 3631438



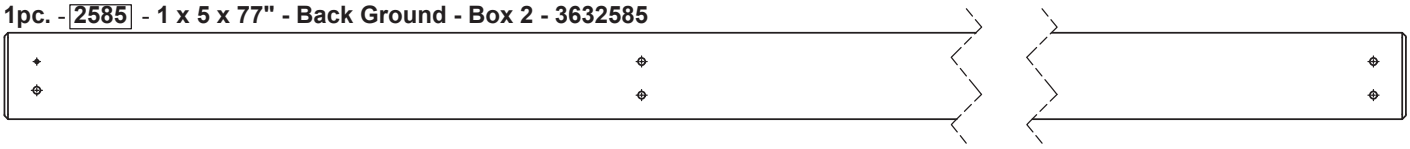
1pc. - 1406 - 1 x 5 x 41-1/2" - Ground SL Side - Box 3 - 3641406



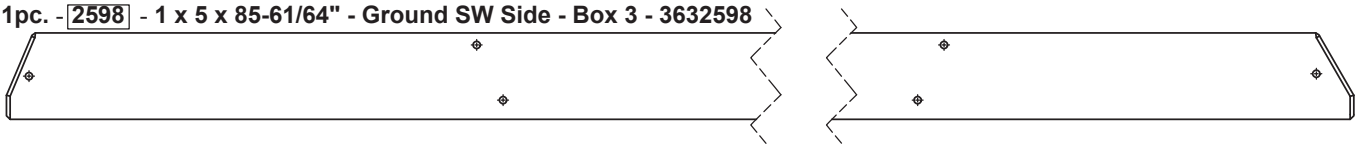
1pc. - 2584 - 1 x 5 x 45-1/2" - Front Ground - Box 3 - 3632584



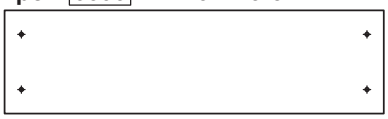
1pc. - 2585 - 1 x 5 x 77" - Back Ground - Box 2 - 3632585



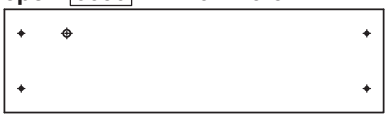
1pc. - 2598 - 1 x 5 x 85-61/64" - Ground SW Side - Box 3 - 3632598



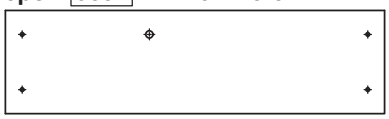
1pc. - 0606 - 1 x 6 x 19-3/4" - CE Access Board - Box 4 - 3630606



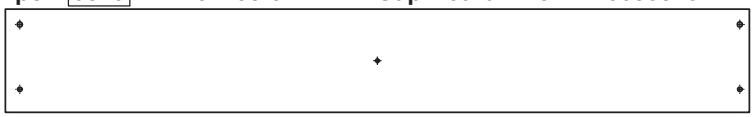
5pc. - 0630 - 1 x 6 x 19-3/4" - CE Rock Board - Box 4 - 3630630



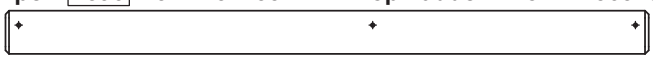
5pc. - 0631 - 1 x 6 x 19-3/4" - CE Rock Board - Box 4 - 3630631



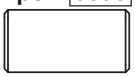
1pc. - 0840 - 1 x 6 x 38-3/4" - CE Gap Board - Box 4 - 3630840



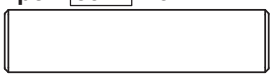
1pc. - 2596 - 5/4 x 3 x 33-1/2" - Top Ladder - Box 2 - 3632596



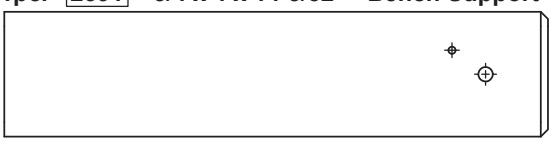
1pc. - 0398 - 5/4 x 4 x 6-1/2" - Bench Brace Top - Box 3 - 38039836



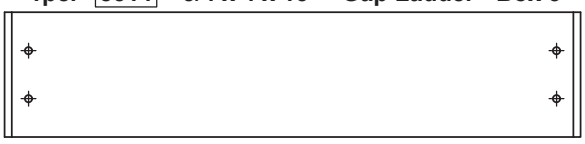
4pc. - 8517 - 5/4 x 4 x 13-3/4" - Ladder Tread - Box 3 - 3638517



1pc. - 2591 - 5/4 x 4 x 14-5/32" - Bench Support - Box 3 - 3632591



1pc. - 8514 - 5/4 x 4 x 15" - Gap Ladder - Box 3 - 3638514

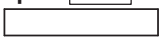


Part Identification (Reduced Part Size)

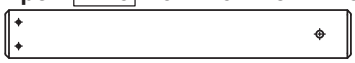
Nominal Size	Actual Size
5/4 x 4	15/16 x 3-1/4
5/4 x 2	1 x 1-3/8
5/4 x 3	1 x 2-1/2
5/4 x 4	1 x 3-1/2
5/4 x 5	1 x 4-1/2
5/4 x 6	1 x 5-1/2

2pc. - 2592 - 5/4 x 4 x 32" - Bench Top - Box 4 - 3632592

2pc. - 0522 - 5/4 x 2 x 8" - Window Dormer Cleat - Box 2 - 3630522

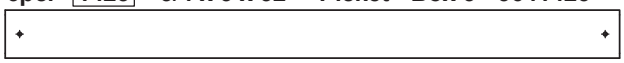


2pc. - 1443 - 5/4 x 3 x 18" - Crowsnest Side - Box 4 - 3641443

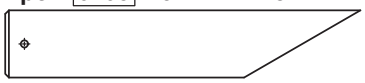


1pc. - 1448 - 5/4 x 3 x 25-1/4" - Crowsnest Short - Box 3 - 3641448

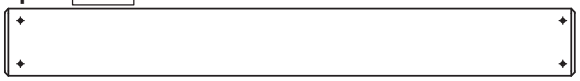
6pc. - 1423 - 5/4 x 3 x 32" - Picket - Box 3 - 3641423



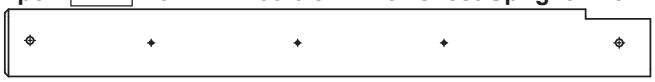
2pc. - 0403 - 5/4 x 4 x 18-1/2" - Gusset - Box 2 - 3640403



2pc. - 1435 - 5/4 x 4 x 29-11/16" - Crowsnest Wall Board - Box 4 - 3631435



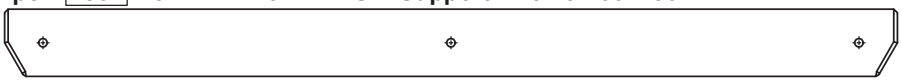
2pc. - 1447 - 5/4 x 4 x 33-5/8" - Crowsnest Upright - Box 4 - 3641447



1pc. - 1440 - 5/4 x 4 x 34-1/4" - Crowsnest Back - Box 3 - 3641440

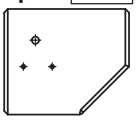
1pc. - 2587 - 5/4 x 4 x 45-1/2" - Floor Joist - Box 3 - 3632587

1pc. - 1862 - 5/4 x 4 x 46-1/2" - SW Support - Box 3 - 3641862

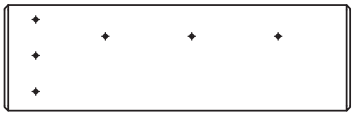


2pc. - 1430 - 5/4 x 5 x 13" - Sunburst - Box 2 - 3631430

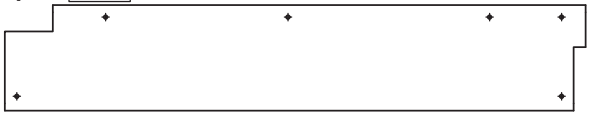
2pc. - 2578 - 5/4 x 6 x 6-1/2" - Seat End - Box 4 - 3632578



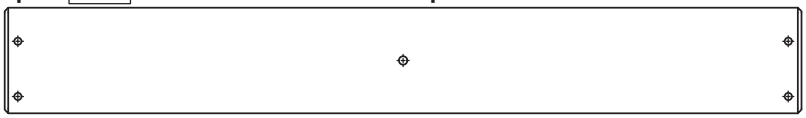
2pc. - 1442 - 5/4 x 6 x 18" - Crowsnest Bottom Side - Box 4 - 3641442



2pc. - 1446 - 5/4 x 6 x 30-1/4" - Crowsnest Wall - Box 3 - 3641446



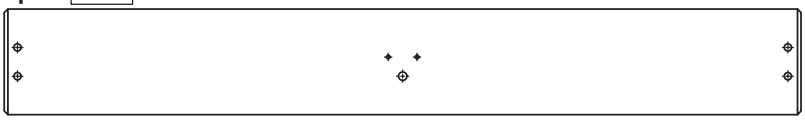
1pc. - 0436 - 5/4 x 6 x 41 1/2" - SW Top - Box 3 - 3640436



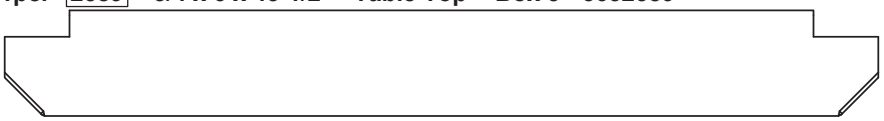
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
5/4 x 6	1 x 5-1/2
2 x 3	1-1/4 x 2-1/4
2 x 4	1-1/4 x 3-1/4
2 x 3	1-3/8 x 2-1/2
2 x 4	1-3/8 x 3-3/8

1pc. - 0437 - 5/4 x 6 x 41-1/2" - SW Floor - Box 3 - 3640437

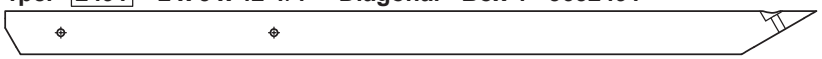


1pc. - 2589 - 5/4 x 6 x 45-1/2" - Table Top - Box 3 - 3632589

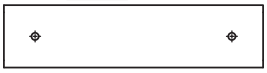


2pc. - 2590 - 5/4 x 6 x 45-1/2" - Top Back Front - Box 3 - 3632590

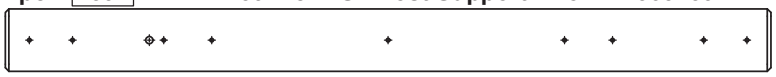
1pc. - 2491 - 2 x 3 x 42-1/4" - Diagonal - Box 4 - 3632491



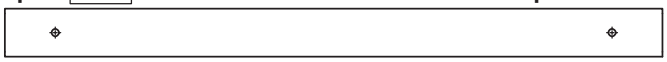
1pc. - 2484 - 2 x 4 x 13-1/2" - Bench Leg - Box 3 - 3632484



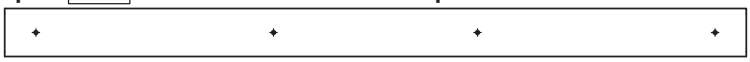
2pc. - 2594 - 2 x 4 x 39-7/8" - SL Post Support - Box 2 - 3632594



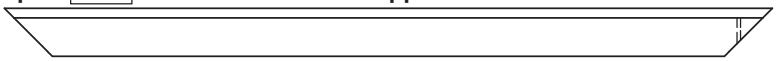
1pc. - 1444 - 2 x 3 x 34-1/4" - Crowsnest SL Top - Box 4 - 3641444



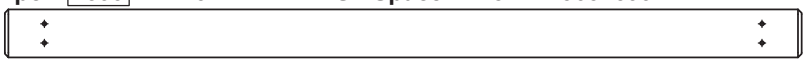
1pc. - 2588 - 2 x 3 x 38-5/8" - Floor Gap - Box 4 - 3632588



4pc. - 1424 - 2 x 3 x 40" - Roof Support 2 x 3 x 40" - Box 2/3 - 3641424



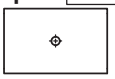
2pc. - 2599 - 2 x 3 x 41-1/2" - SL Spacer - Box 4 - 3632599



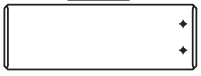
1pc. - 2583 - 2 x 4 x 4-1/4" - Block - Box 2 - 3632583

4pc. - 1404 - 2 x 4 x 5-3/8" - Roof Block - Box 3 - 3641404

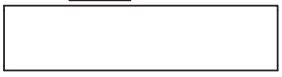
1pc. - 4919 - 2 x 4 x 5-3/8" - SW Rail Block - Box 2 - 3644919



1pc. - 2428 - 2 x 4 x 10" - SL Block - Box 2 - 3632428

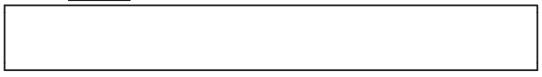


4pc. - 1441 - 2 x 4 x 14 1/4" - Crowsnest Joist - Box 4 - 3641441



1pc. - 1450 - 2 x 4 x 26-1/4" - SL Support - Box 3 - 3641450

2pc. - 1451 - 2 x 4 x 27-3/4" - Crowsnest Face - Box 4 - 3641451

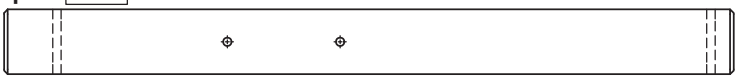


1pc. - 1439 - 2 x 4 x 34-1/4" - Crowsnest Front - Box 4 - 3641439

Part Identification (Reduced Part Size)

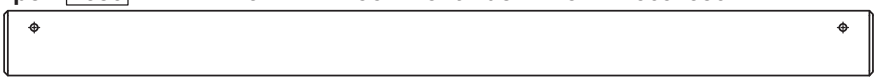
Nominal Size	Actual Size
2 x 4	1-3/8 x 3-3/8
2 x 6	1-1/2 x 5-3/8
2 x 2	1-1/2 x 1-1/2

1pc. - 2025 - 2 x 4 x 38" - Wall Mount - Box 2 - 3642025

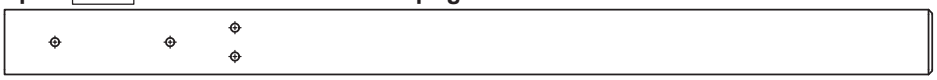


1pc. - 0834 - 2 x 4 x 41-1/2" - SL Floor - Box 2 - 3640834

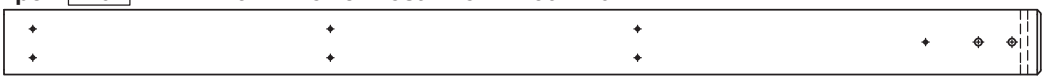
2pc. - 2586 - 2 x 4 x 45-1/4" - Floor Front Back - Box 4 - 3632586



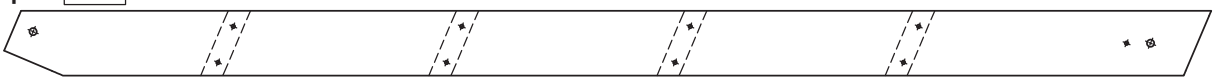
1pc. - 1856 - 2 x 4 x 48-5/16" - SW Upright - Box 2 - 3641856



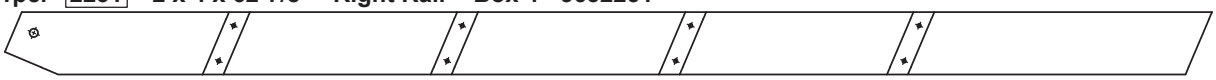
4pc. - 1401 - 2 x 4 x 54" - Lower Post - Box 4 - 3641401



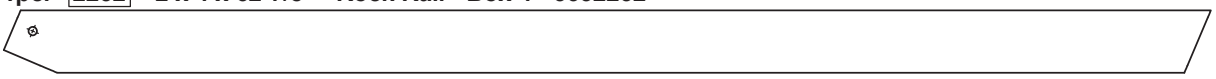
1pc. - 2600 - 2 x 4 x 62-7/8" - Left Access Rail - Box 4 - 3632600



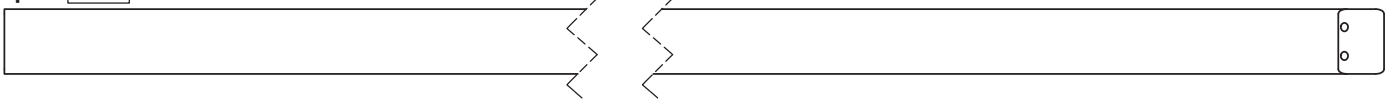
1pc. - 2251 - 2 x 4 x 62-7/8" - Right Rail - Box 4 - 3632251



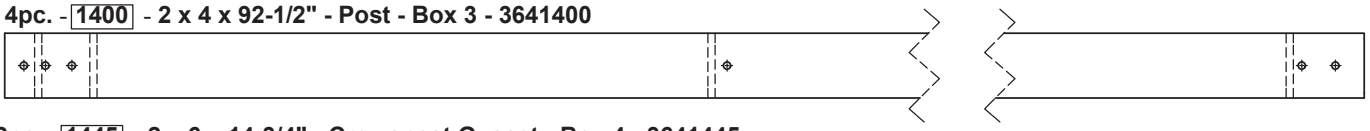
1pc. - 2252 - 2 x 4 x 62-7/8" - Rock Rail - Box 4 - 3632252



2pc. - 1863 - 2 x 4 x 86-11/16" - SW Post - Box 2 - 3641863

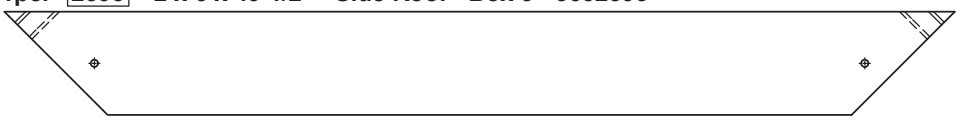


4pc. - 1400 - 2 x 4 x 92-1/2" - Post - Box 3 - 3641400

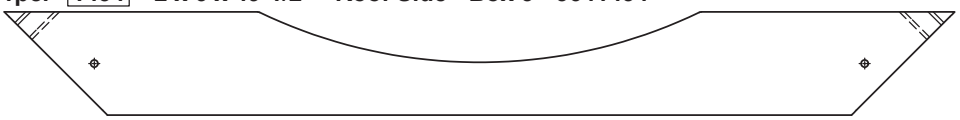


2pc. - 1445 - 2 x 6 x 14-3/4" - Crowsnest Gusset - Box 4 - 3641445

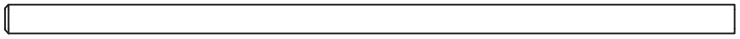
1pc. - 2595 - 2 x 6 x 49-1/2" - Side Roof - Box 3 - 3632595



1pc. - 1434 - 2 x 6 x 49-1/2" - Roof Side - Box 3 - 3641434



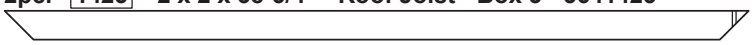
2pc. - 1417 - 2 x 2 x 38" - Window Brace - Box 3 - 3641417



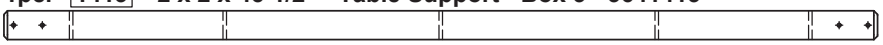
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1-1/4 x 1-1/2	1-1/4 x 1-1/2
2 x 2	1-1/2 x 1-1/2
2 x 6	1-1/2 x 5-3/8

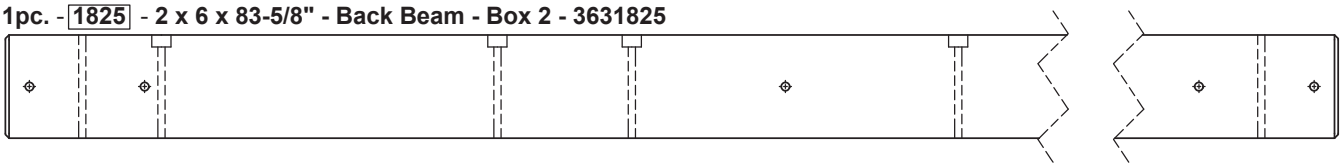
2pc. - 1425 - 2 x 2 x 38-3/4" - Roof Joist - Box 3 - 3641425



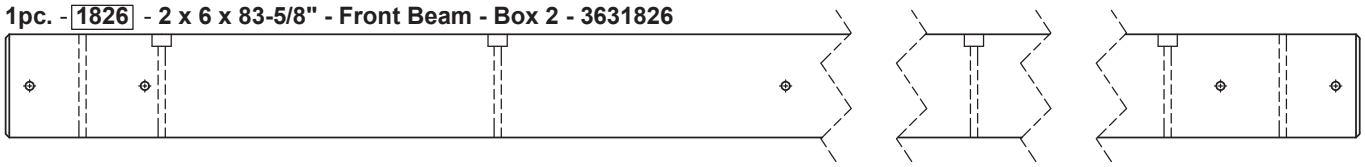
1pc. - 1413 - 2 x 2 x 45-1/2" - Table Support - Box 3 - 3641413



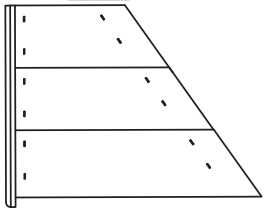
1pc. - 1825 - 2 x 6 x 83-5/8" - Back Beam - Box 2 - 3631825



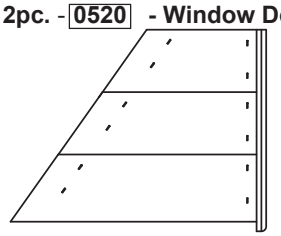
1pc. - 1826 - 2 x 6 x 83-5/8" - Front Beam - Box 2 - 3631826



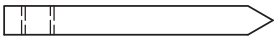
2pc. - 0521 - Window Dormer Roof Left - Box 4 - 3630521



2pc. - 0520 - Window Dormer Roof Right - Box 4 - 3630520

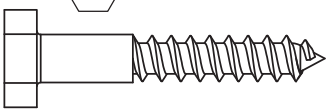


6pc. - 0318 - - Ground Stake 1-1/4 x 1-1/2 x 14" - Box 1 - 3650318

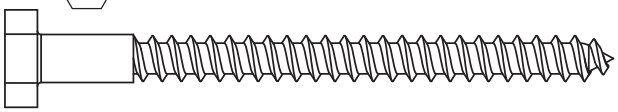


Hardware Identification (Actual Size)

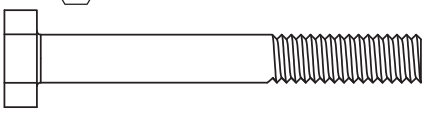
11pc. LS1 - Lag Screw 1/4 x 1-1/2" - (9262212)



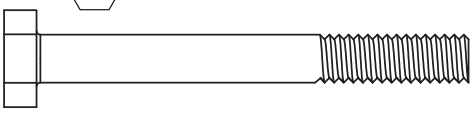
7pc. LS3 - Lag Screw 1/4 x 3" - (9262230)



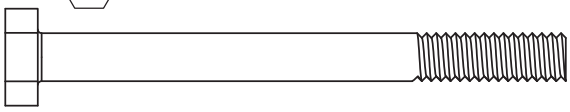
2pc. H2 - Hex Bolt 1/4 x 2" - (9277220)



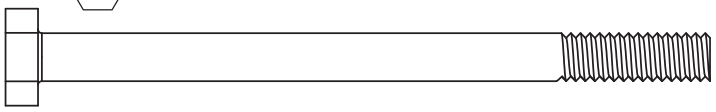
15pc. H10 - Hex Bolt 1/4 x 2-1/4" - (9277221)



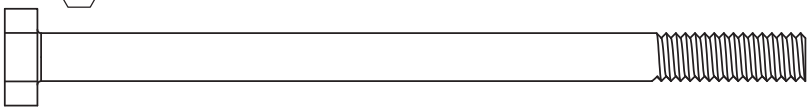
4pc. H11 - Hex Bolt 1/4 x 2-3/4" - (9277223)



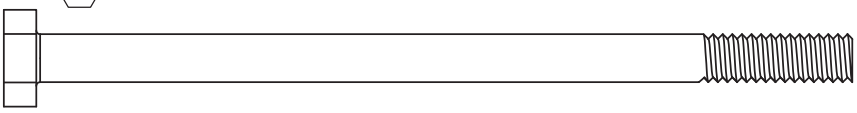
10pc. H13 - Hex Bolt 1/4 x 3-1/2" - (9277232)



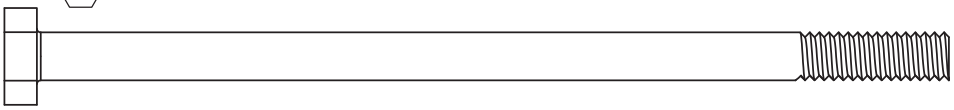
8pc. H4 - Hex Bolt 1/4 x 4" - (9277240)



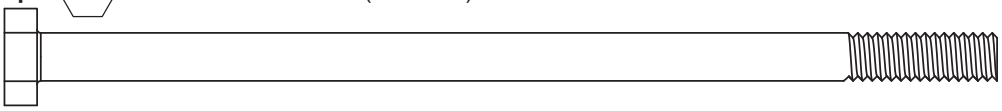
7pc. H8 - Hex Bolt 1/4 x 4-1/4" - (9277241)



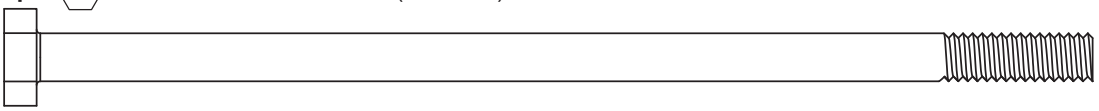
6pc. H6 - Hex Bolt 1/4 x 4-3/4" - (9277243)



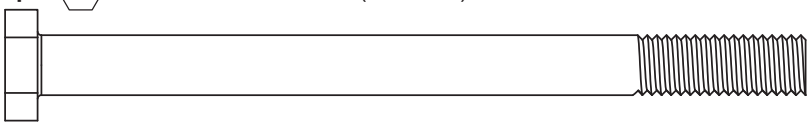
1pc. H14 - Hex Bolt 1/4 x 5" - (9277250)



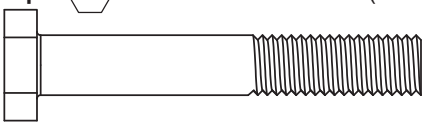
4pc. H7 - Hex Bolt 1/4 x 5-1/2" - (9277252)



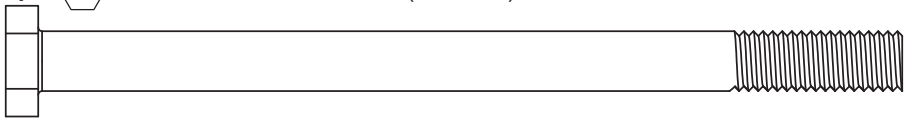
2pc. G4 - Hex Bolt 5/16 x 4" - (9277340)



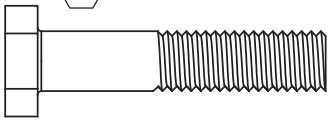
2pc. G8 - Hex Bolt 5/16 x 2" - (9277320)



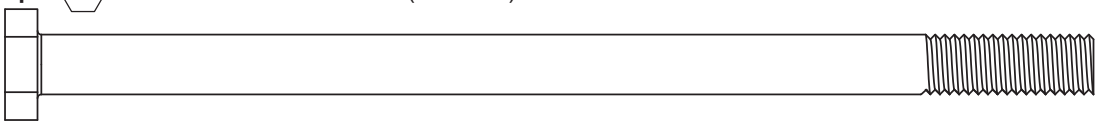
7pc. G5 - Hex Bolt 5/16 x 4-1/2" - (9277342)



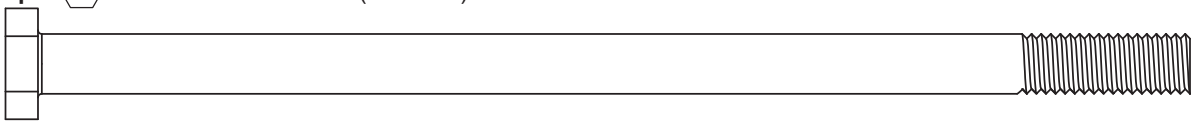
7pc. G1 - Hex Bolt 5/16 x 1-1/2" - (9277312)



4pc. G7 - Hex Bolt 5/16 x 5-1/2" - (9277352)

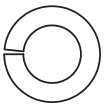


2pc. Z - Hex Bolt 5/16 x 6" - (9277360)



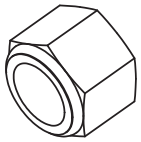
Hardware Identification (Actual Size)

16pc. (LW2) - 5/16" Lock Washer - (9253300)



69pc. (LW1) - 1/4" Lock Washer - (9253200)

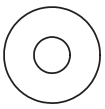
12pc. (LN2) - 5/16" Lock Nut - (9283300)



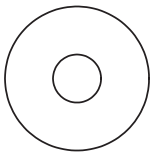
2pc. (LN4) - #12 Nylok Nut - (9289600)

89pc. (LN1) - 1/4 Lock Nut - (9283200)

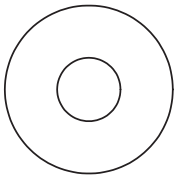
12pc. (FW0) - 3/16" Flat Washer - (9251100)



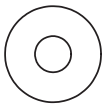
76pc. (FW1) - 1/4" Flat Washer - (9251200)



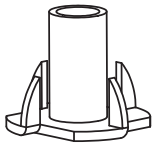
40pc. (FW2) - 5/16" Flat Washer - (9251300)



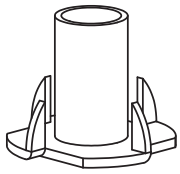
51pc. (FW3) - #8 Flat Washer - (9251500)



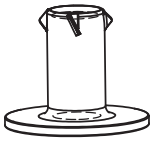
59pc. [TN1] - 1/4" T - Nut -(9285200)



16pc. [TN2] - 5/16" T- Nut - (9285300)

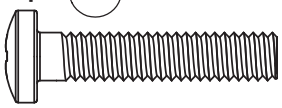


10pc. [BN1] - 1/4" Barrel Nut - (9248200)

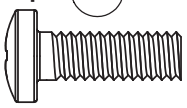


8pc. (FW6) - #12 Screw Bezel - (9299500)

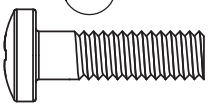
13pc. (PB2) - Pan Bolt 1/4 x 1-1/4" - (9274211)



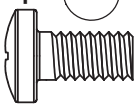
89pc. (PB1) - Pan Bolt 1/4 x 3/4" - (9274203)



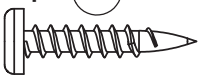
1pc. (PB6) - Pan Bolt 1/4 x 1" - (9274210)



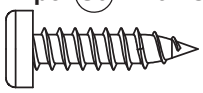
2pc. (MB1) - Pan Bolt #12 x 1/2" - (9269602)



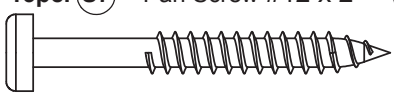
10pc. (S10) - Pan Screw #8 x 1" - (9264510)



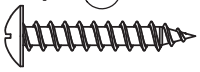
21pc. (S6) - Pan Screw #12 x 1" - (9264610)



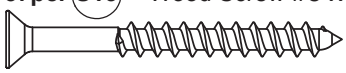
15pc. (S7) - Pan Screw #12 x 2" - (9264620)



138pc. (S0) - Truss Screw #8 x 7/8" - (9229505)



57pc. (S15) - Wood Screw #8 x 1-3/4" - (52042513)



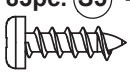
126pc. (S3) - Wood Screw #8 x 2-1/2" - (52042522)

29pc. (S4) - Wood Screw #8 x 3" - (52042530)

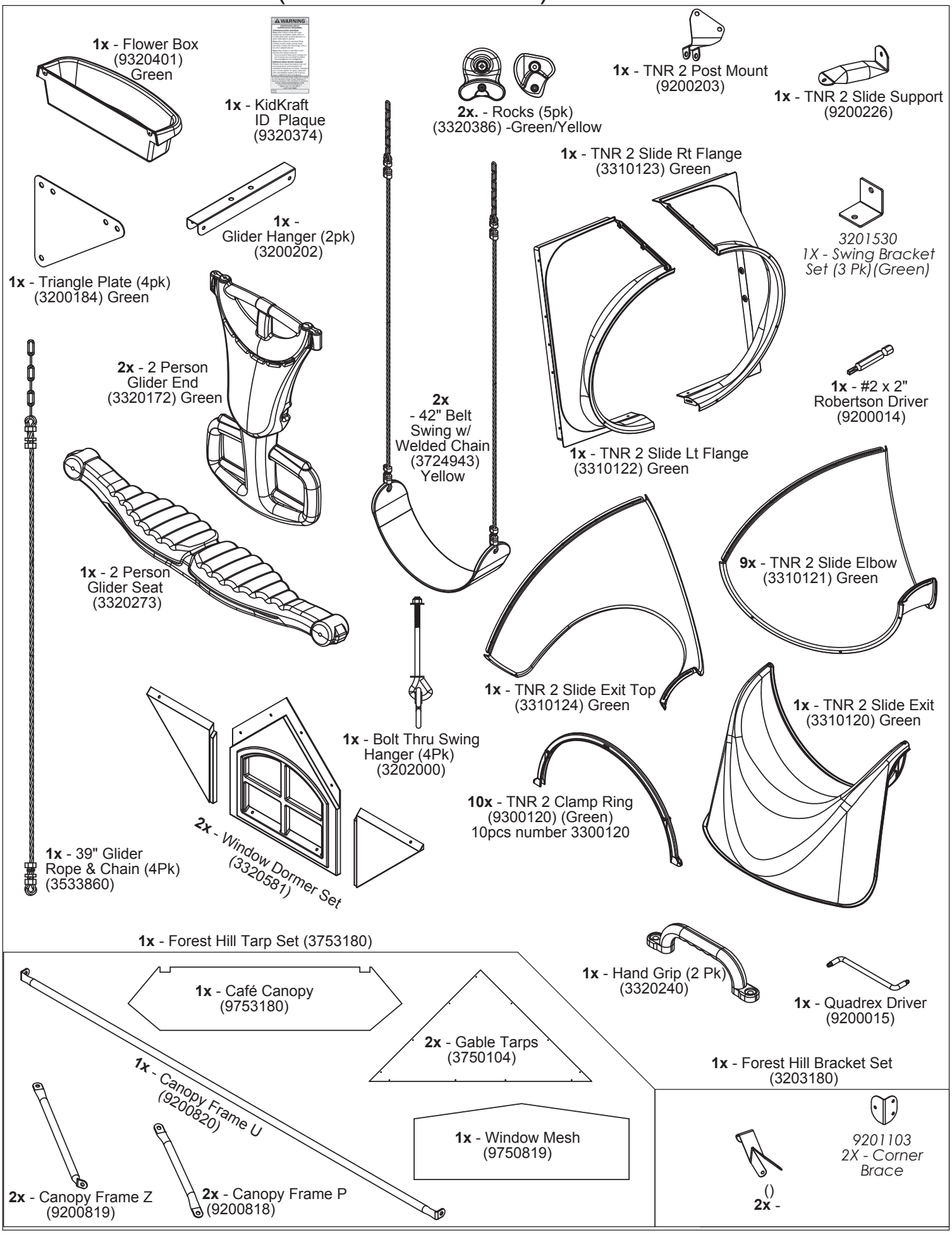
12pc. (S1) - Wood Screw #8 x 1-1/8" - (52042514)

213pc. (S2) - Wood Screw #8 x 1-1/2" - (52042512)

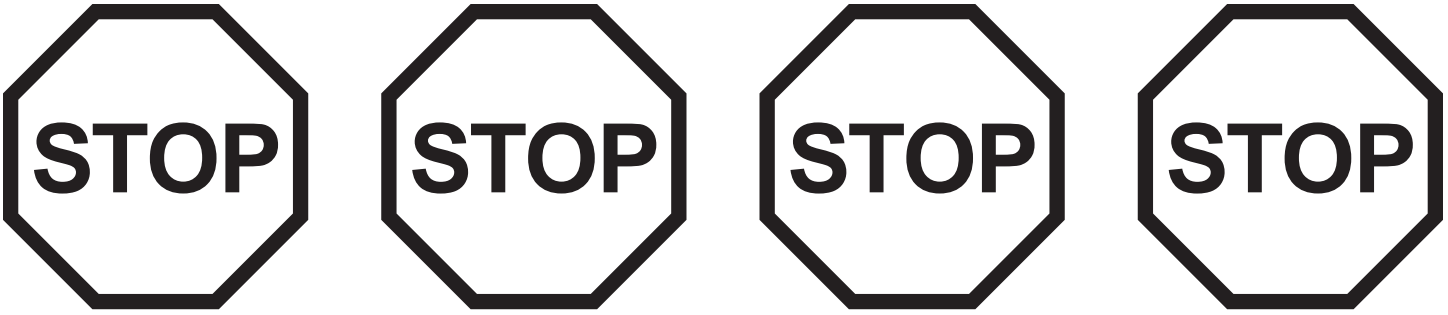
83pc. (S5) - Pan Screw #8 x 1/2" - (9264504)



Part Identification (Reduced Part Size)

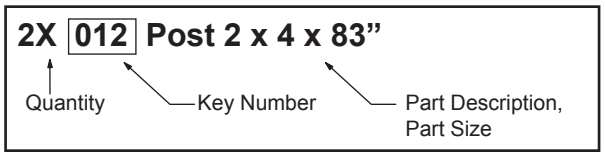


Step 1: Inventory Parts - Read This Before Starting Assembly



A. This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.

- The wood pieces will have the key number stamped on the ends of the boards. Organize the wood pieces by step, as per the key numbering system below.



- Please refer to Page 6 for proper hardware assembly.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.

B. If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. Call us before going back to the store.

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

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

C. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 6.

D. Before you discard your cartons fill out the form below.

- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the KidKraft ID Plaque (9320374).
- Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: **F23180**

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 1)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 2)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 3)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 4)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 5)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 6)

TRACKING NUMBER (from ID Plaque): _____

Step 2: Access Ladder / Rockwall Assembly Part 1

A: Place (2600) Left Access Rail on left hand side of 4 (8517) Ladder Treads and (2251) Right Rail on right hand side with the grooves facing in. (fig. 2.1)

B: Fit each (8517) Ladder Tread into grooves on both (2600) Left Access Rail and (2251) Right Rail, make sure the top edge of the treads are flush to the front of the rails. (fig. 2.1 and 2.2)

C: Pre-drill pilot holes with a 1/8" drill bit and attach rails and treads together using 4 (S3) #8 x 2-1/2" Wood Screws per tread. (fig. 2.1)

D: Attach Swing Brackets to the inside top of (2600) Left Access Rail and (2251) Right Rail at angled edge using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per bracket. Edge of Swing Bracket is flush with edge of rails. (fig. 2.1 and 2.3)

Fig. 2.1

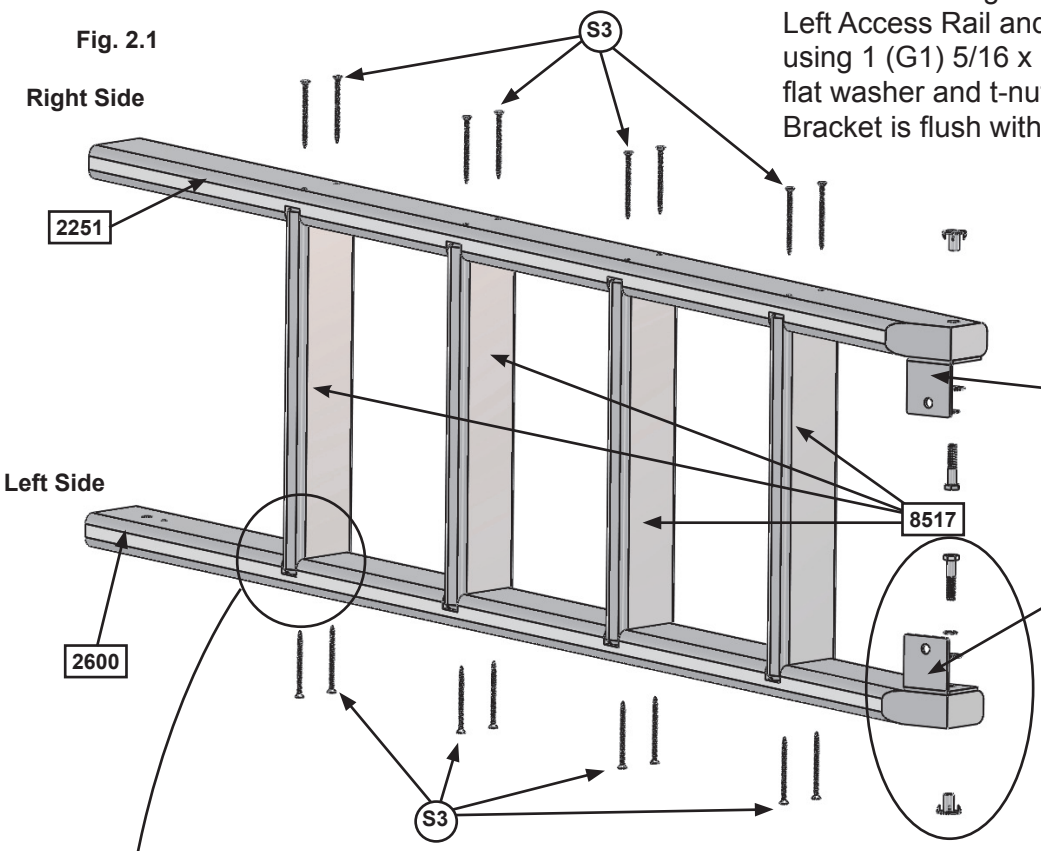


Fig. 2.2
End View

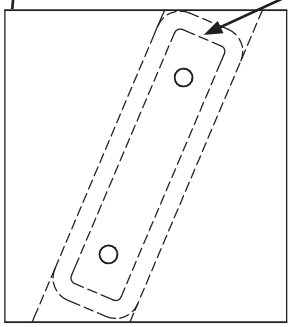
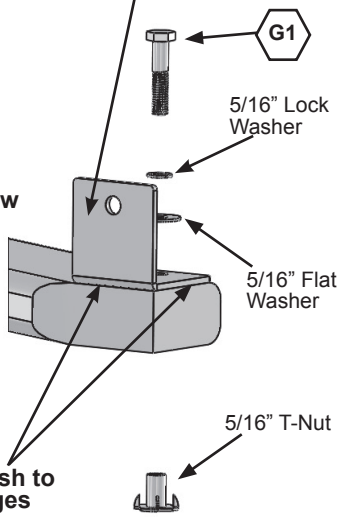


Fig. 2.3
Top of Ladder View



Wood Parts

- 1 x 2600 **Left Access Rail 2 x 4 x 62-7/8"**
- 1 x 2251 **Right Rail 2 x 4 x 62-7/8"**
- 4 x 8517 **Ladder Tread 5/4 x 4 x 13-3/4"**

Hardware

- 16 x S3 **#8 x 2-1/2" Wood Screw**
- 2 x G1 **5/16 x 1-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**

Other Parts

- **2 x Swing Bracket**

Step 2: Access Ladder / Rockwall Assembly Part 2

E: Place (8514) Gap Ladder on each rail so there is a 2-3/8” gap between (8514) Gap Ladder and the top (8517) Ladder Tread. Attach using 4 (S3) #8 x 2-1/2” Wood Screws. (fig. 2.4 and 2.5)

F: Place (2252) Rock Rail on the ground next to (2251) Right Rail so it matches the orientation of the two rails as shown in fig. 2.6. Attach (2596) Top Ladder to top of Access Ladder assembly and (2252) Rock Rail using 3 (S3) #8 x 2-1/2” Wood Screws. Notice that the holes in the board are towards the top. (fig. 2.6)

G: Attach 1 Swing Bracket to the top angled edge of (2252) Rock Rail, making sure the bracket faces out. Use 1 (G1) 5/16 x 1-1/2” Hex Bolt (with lock washer, flat washer and t-nut). (fig. 2.6)

Fig. 2.4

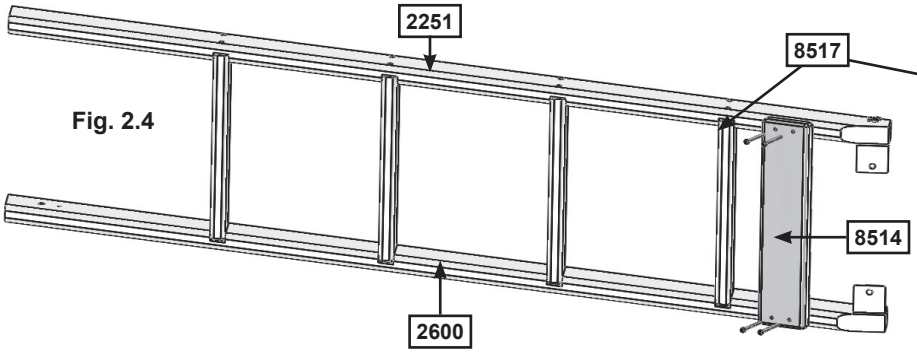


Fig. 2.5

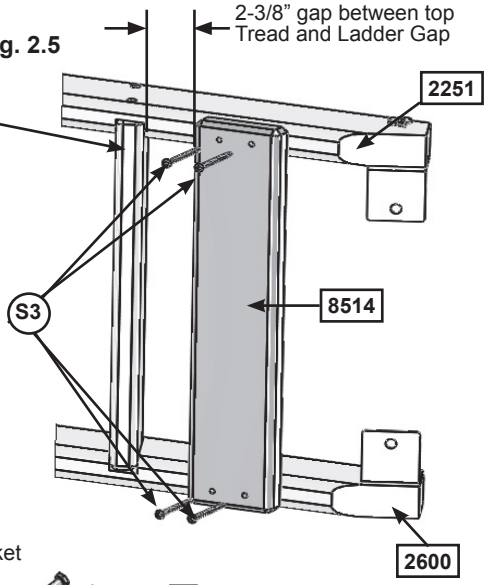
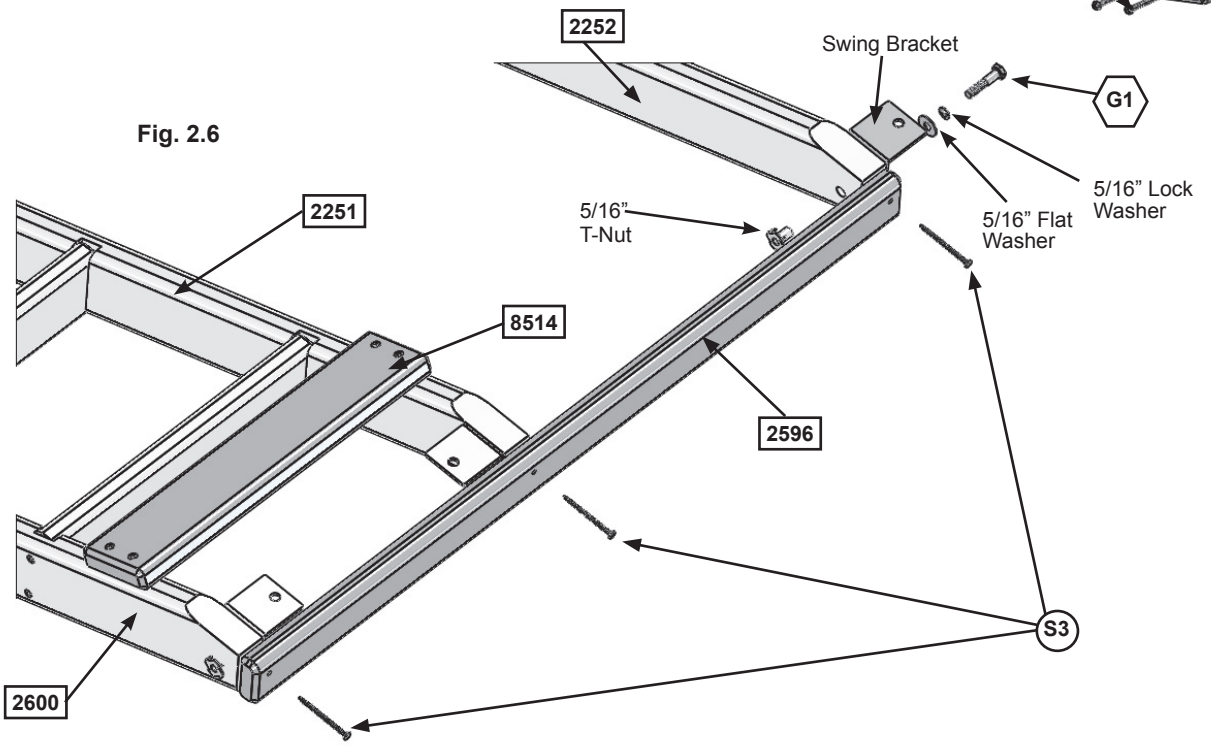


Fig. 2.6



Wood Parts	Hardware	Other Parts
1 x 8514 Gap Ladder 5/4 x 4 x 15”	7 x S3 #8 x 2-1/2” Wood Screw	1 x Swing Bracket
1 x 2252 Rock Rail 2 x 4 x 62-7/8”	1 x G1 5/16 x 1-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)	
1 x 2596 Top Ladder 5/4 x 3 x 33-1/2”		

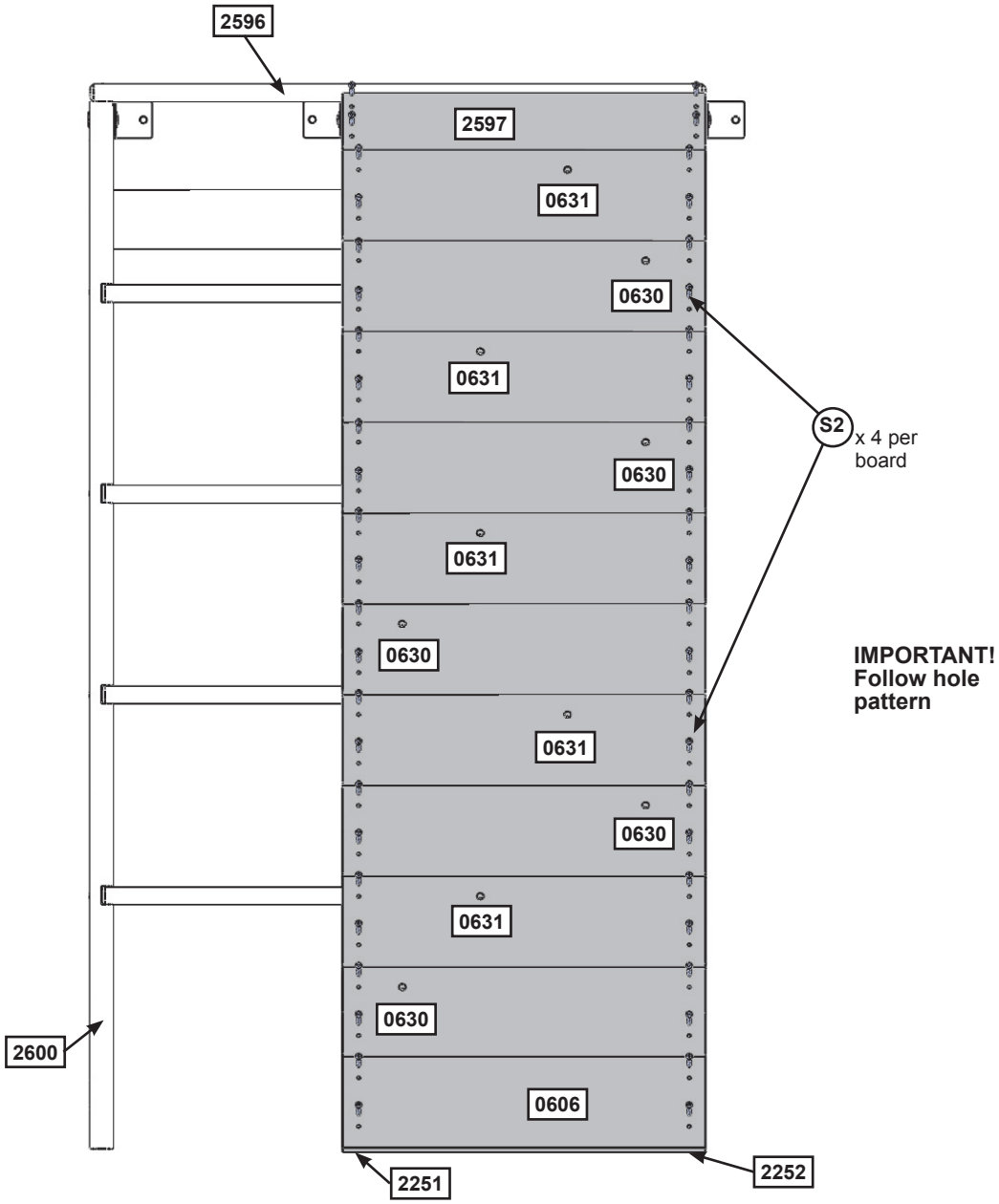
Step 3: Rockwall Assembly
Part 1

A: Place (2597) Rock Top at top of the Access Ladder/Rockwall Assembly and (0606) CE Access Board at the bottom of the assembly as shown in fig. 3.1. Then place (0630) CE Rock Board and (0631) CE Rock Board as shown in fig. 3.1. Do not screw boards down yet. Rock holes are to be staggered so they do not form a straight line and are at the top of the boards. ***Note: Rock Boards are to be flush to (2251) Right Rail and pilot holes are centred over (2252) Rock Rail. (fig. 3.1)***

B: Make sure all boards fit together snugly and the assembly is square, then attach (0606) CE Access Board and (2597) Rock Top using 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 3.1)

C: Fasten all the other boards with 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 3.1)

Fig. 3.1



Wood Parts

1 x 2597 Rock Top 1 x 4 x 19-3/4"
1 x 0606 CE Access Board 1 x 6 x 19-3/4"
5 x 0630 CE Rock Board 1 x 6 x 19-3/4"
5 x 0631 CE Rock Board 1 x 6 x 19-3/4"

Hardware

48 x S2 #8 x 1-1/2" Wood Screw

Step 3: Rockwall Assembly
Part 2

D: Alternating colours and shapes, attach 1 rock to each rock board using 1 (PB2) 1/4 x 1-1/4” Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1” Pan Screw per rock. (fig. 3.2 and 3.3)

The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 3.2 and 3.3)

Note: Make sure all hardware is used to secure each rock properly.

Fig. 3.2

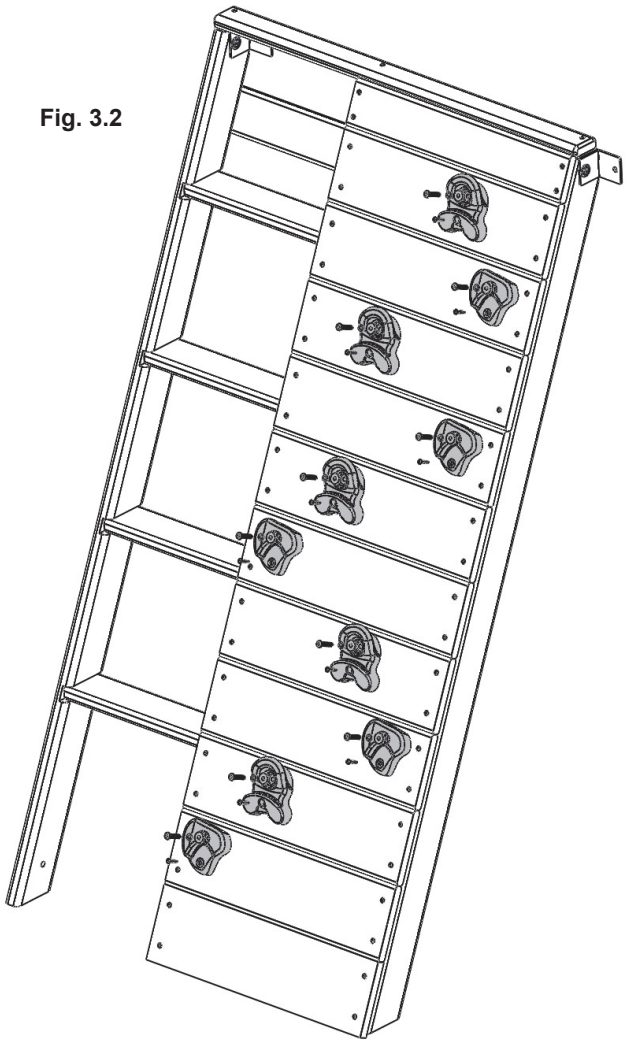
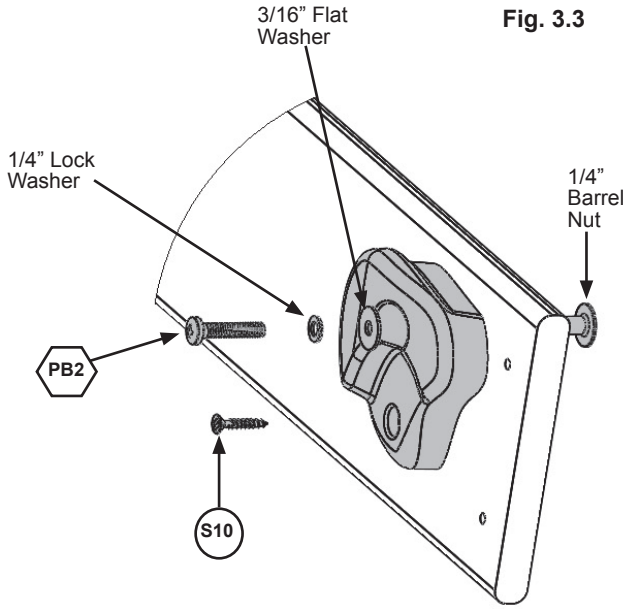


Fig. 3.3



Hardware

10 x PB2 1/4 x 1-1/4 Pan Bolt (1/4” lock washer, 3/16” flat washer & 1/4” barrel nut)

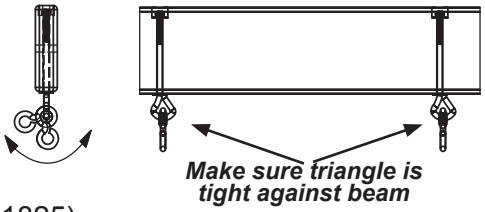
10 x S10 #8 x 1” Pan Screw

Other Parts

10 x Rocks (green/yellow/burgundy)

Step 4: Swing Beam Assembly

Fig. 4.4

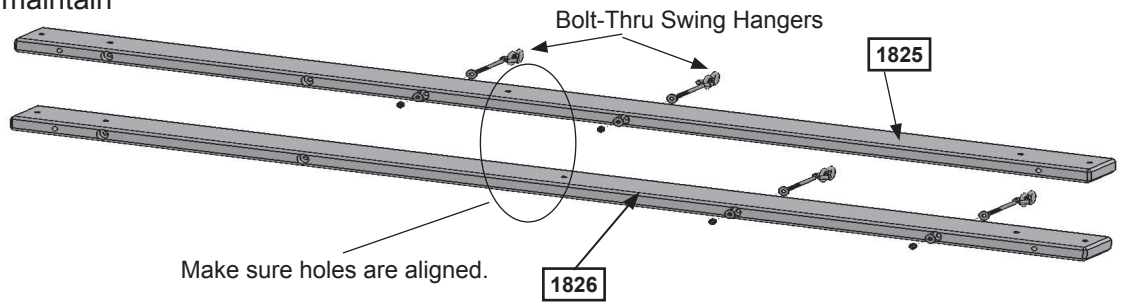


⚠WARNING: For your child's safety, orientate the swing hangers as shown to ensure your swing will have proper swing motion when installed. Failure to do so could result in premature failure of the swing hanger or swing chain.

A: In the middle holes of (1825) Back Beam install 2 Bolt-Thru Swing Hangers (fig. 4.1) making sure the swing hangers are oriented in the direction shown in fig. 4.4 to maintain proper swing motion.

B: In the end holes of (1826) Front Beam install 2 Bolt-Thru Swing Hangers (fig. 4.1) making sure the swing hangers are oriented in the direction shown in fig. 4.4 to maintain proper swing motion.

Fig. 4.1



C: Attach 1 Triangle Plate to the ends of each (1826) Front Beam and (1825) Back Beam using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per triangle plate in the hole indicated in fig. 4.2 and 4.3. **Correct hole usage is very important.**

Fig. 4.2

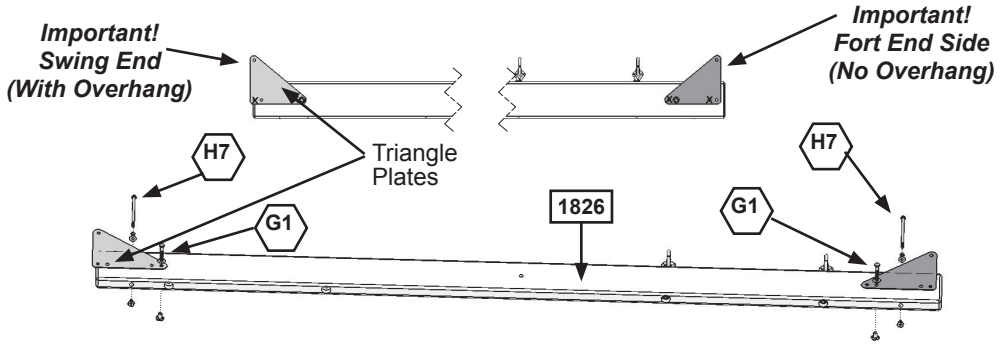
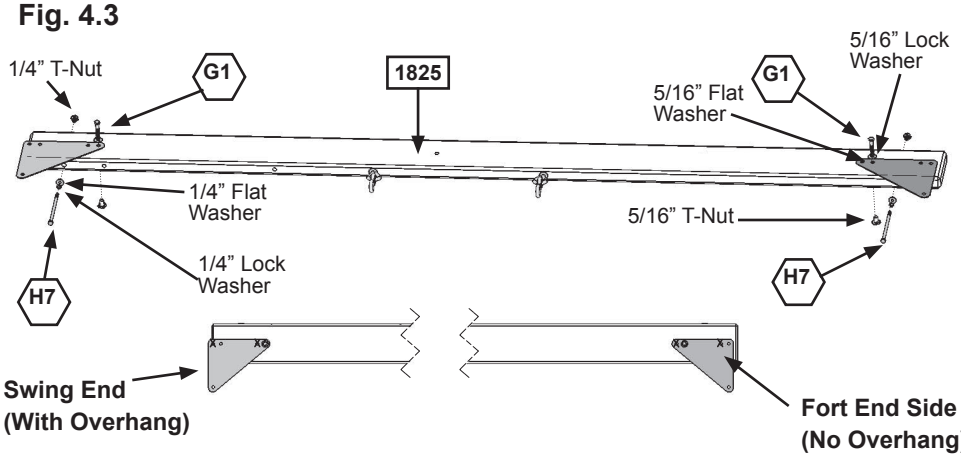


Fig. 4.3



D: Attach 1 (H7) 1/4 x 5-1/2" Hex Bolt (with lock washer, flat washer and t-nut) to the ends of each (1826) Front Beam and (1825) Back Beam. The bolts do not attach to anything, but **MUST** be installed to the beams to prevent splitting and checking of wood. (fig. 4.2 and 4.3)

Wood Parts

- 1 x 1826 **Front Beam 2 x 6 x 83-5/8"**
- 1 x 1825 **Back Beam 2 x 6 x 83-5/8"**

Hardware

- 4 x H7 **1/4 x 5-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
- 4 x G1 **5/16 x 1-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**

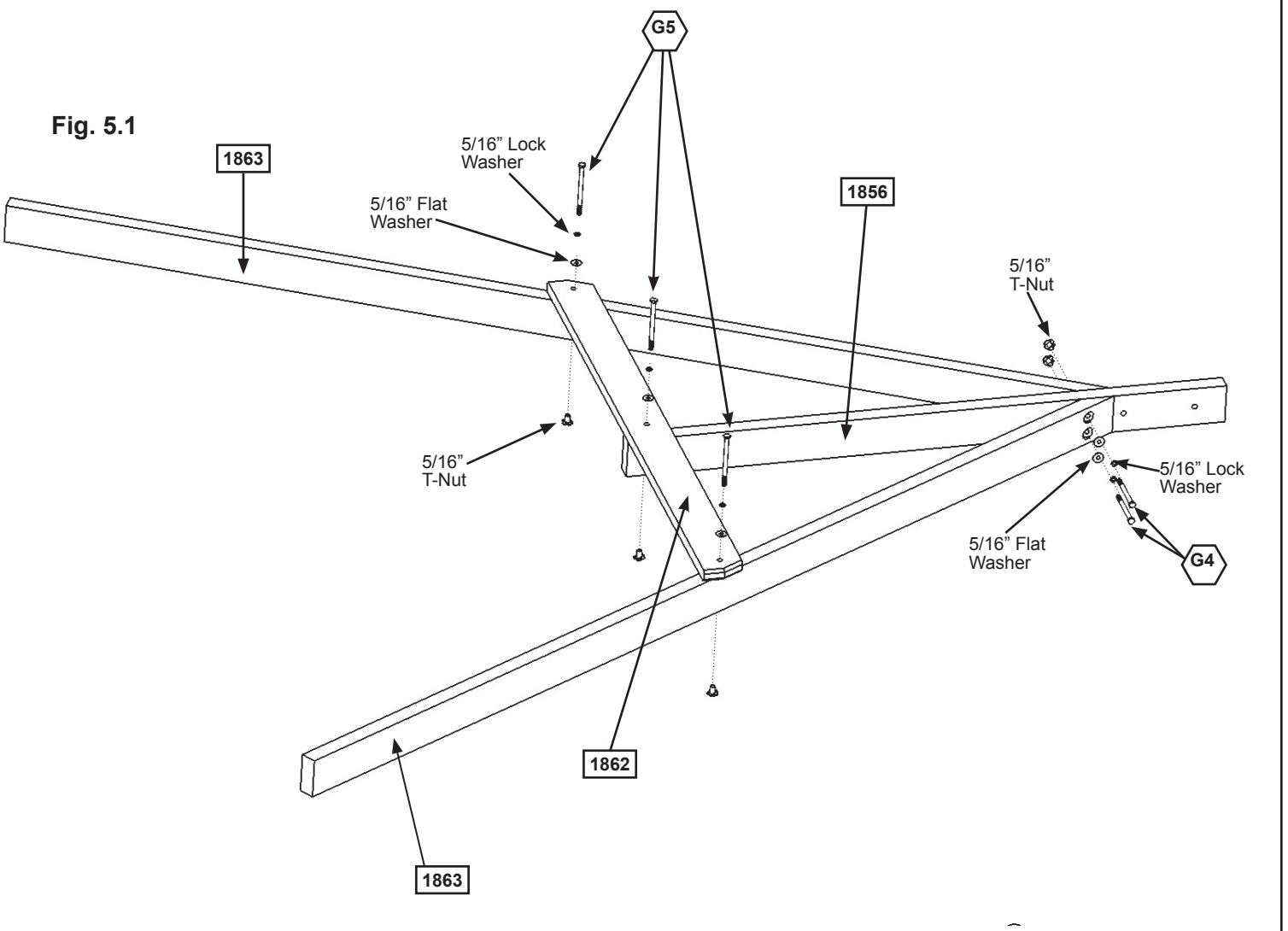
Other Parts

- 1 x **Bolt-Thru Swing Hanger (pkg of 4)**
- 1 x **Triangle Plate (pkg of 4)**

Step 5: Swing End Assembly

A: Attach 2 (1863) SW Posts to (1856) SW Upright using 2 (G4) 5/16 x 4” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 5.1)

Fig. 5.1



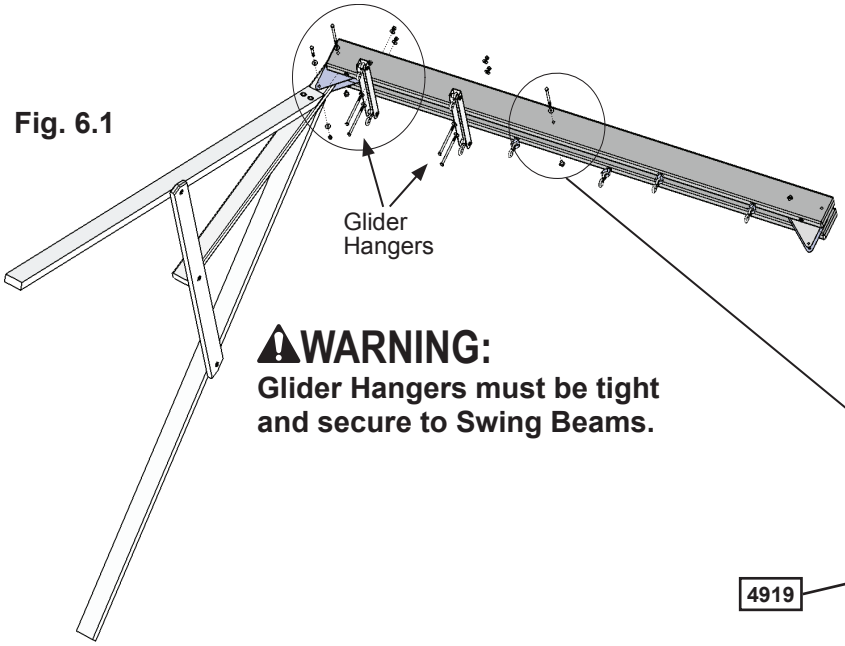
B: Attach (1862) SW Support to both (1863) SW Posts and (1856) SW Upright using 3 (G5) 5/16 x 4-1/2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 5.1)

Wood Parts	Hardware
2 x 1863 SW Post 2 x 4 x 86-11/16”	2 x G4 5/16 x 4” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)
1 x 1862 SW Support 5/4 x 4 x 46-1/2”	
1 x 1856 SW Upright 2 x 4 x 48-5/16”	3 x G5 5/16 x 4-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)

Step 6: Attach Swing End to Swing Beam

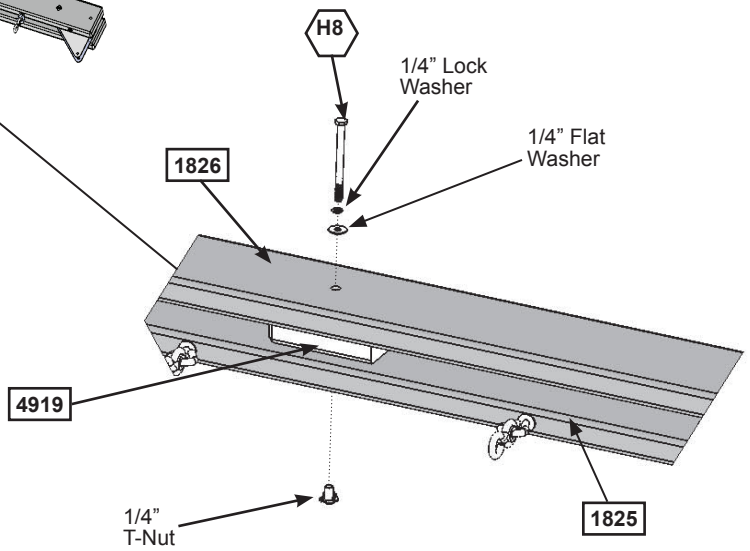
A: Place (4919) SW Rail Block in the centre between (1826) Front Beam and (1825) Back Beam and attach with 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 6.1 and 6.2)

Fig. 6.1



⚠WARNING:
Glider Hangers must be tight and secure to Swing Beams.

Fig. 6.2



B: Attach Swing End Assembly to the side of the Swing Beam Assembly with the overhang (fig. 6.3 and 6.4) using 1 (G5) 5/16 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole of Triangle Plate and 1 (G8) 5/16 x 2" Hex Bolt (with 2 flat washers and lock nut) in the bottom hole of Triangle Plate. (fig. 6.3) Make sure Swing End Assembly flares out at an angle. (fig. 6.4)

C: Attach 2 Glider Hangers to the Swing Beam Assembly using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with 2 flat washers and lock nut) per Glider Hanger. (fig. 6.1 and 6.3)

Fig. 6.4

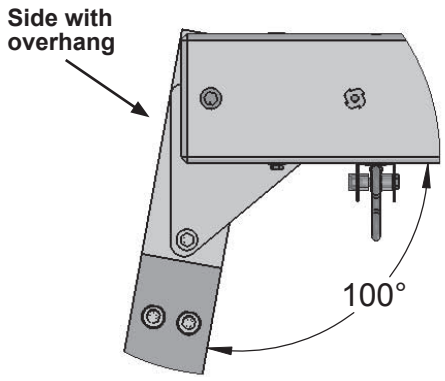
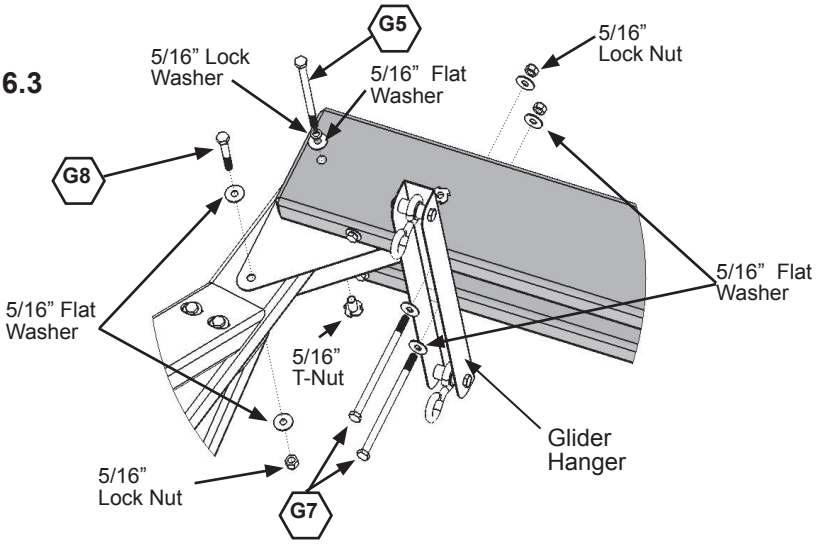


Fig. 6.3



Wood Parts

1 x 4919 **SW Rail Block 2 x 4 x 5-3/8"**

Hardware

1 x H8 **1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
1 x G5 **5/16 x 4-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**
4 x G7 **5/16 x 5-1/2" Hex Bolt (5/16" flat washer x2, 5/16" lock nut)**
1 x G8 **5/16 x 2" Hex Bolt (5/16" flat washer x2, 5/16" lock nut)**

Other Parts

2 x Glider Hanger

Step 7: Small Dormer Assembly

A: Insert 2 sides from the Small Window Dormer Set into the front of the dormer as shown in fig. 7.1.

B: Attach (0520) Window Dormer Roof Right and (0521) Window Dormer Roof Left together with Window Dormer Bracket and 2 (S5) #8 x 1/2" Pan Screws. (fig. 7.2)

C: Attach Small Window Dormer Set Assembly to (0520) Window Dormer Roof Right and (0521) Window Dormer Left with 6 (S5) #8 x 1/2" Pan Screws. (fig. 7.2)

D: Repeat to create a second Small Window Dormer Assembly.

Fig. 7.1

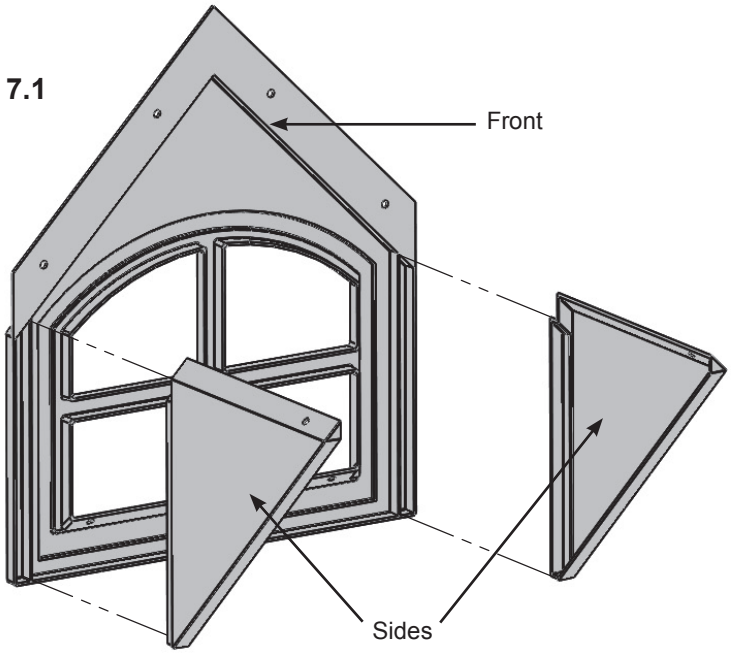
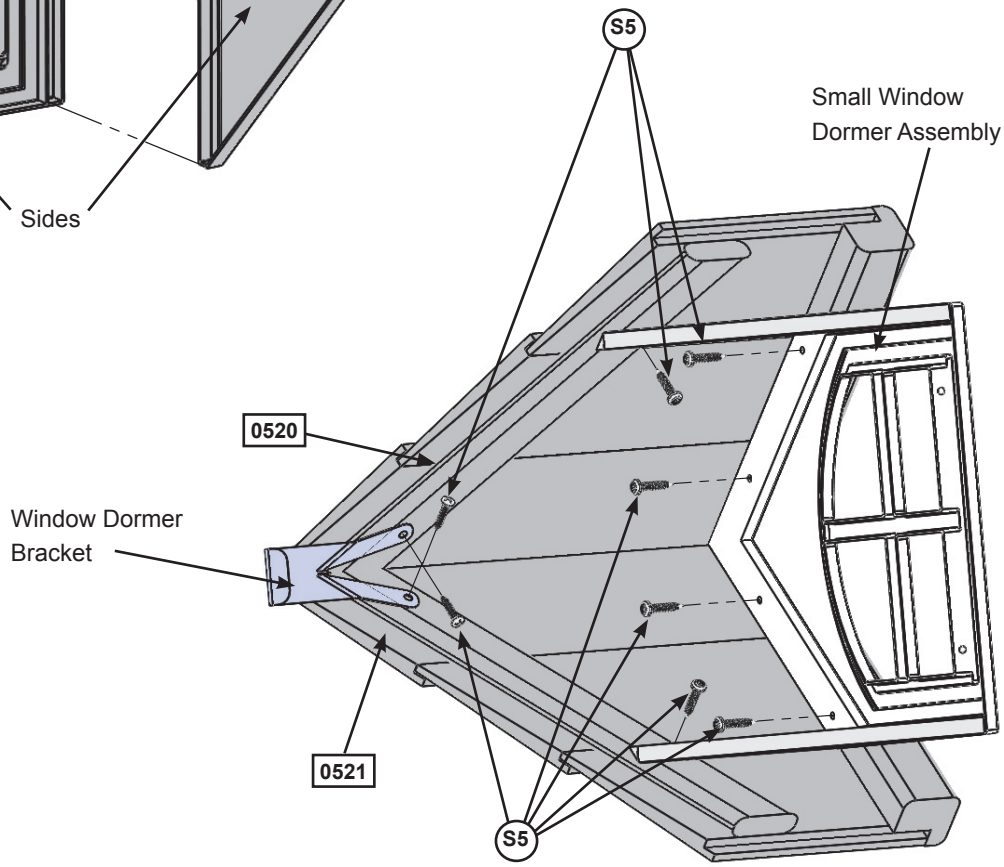


Fig. 7.2



Wood Parts	Hardware	Other Parts
2 x 0520 Window Dormer Roof Right	16 x S5 #8 x 1/2" Pan Screw	2 x Small Window Dormer Set
2 x 0521 Window Dormer Roof Left		2 x Window Dormer Bracket

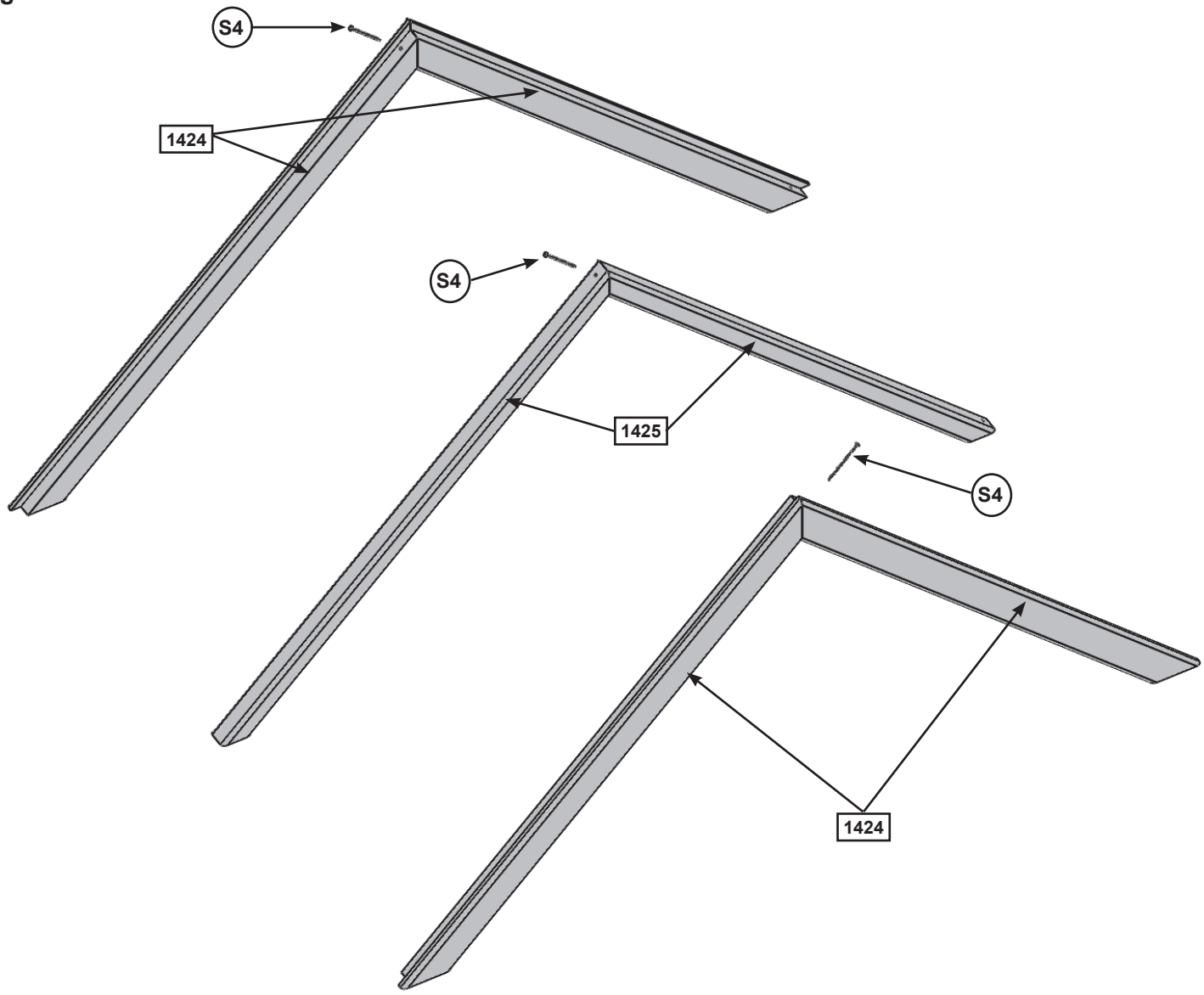
Step 8: Roof Assembly
Part 1

A: Connect 2 (1424) Roof Supports together at the peak using 1 (S4) #8 x 3" Wood Screw. Repeat this to create 2 Roof Support Assemblies. Make sure the supports are tight to each other. (fig. 8.1)

B: Connect 2 (1425) Roof Joists together at the peak using 1 (S4) #8 x 3" Wood Screw. Make sure the joists are tight to each other. (fig. 8.1)

C: Place each Roof Support Assembly so the side with the ledge faces in. The Roof Joist Assembly should be in the middle. Make sure each assembly is square. (fig. 8.1)

Fig. 8.1



Wood Parts

4 x 1424 **Roof Support 2 x 3 x 40"**
2 x 1425 **Roof Joist 2 x 2 x 38-3/4"**

Hardware

3 x S4 **#8 x 3" Wood Screw**

Step 8: Roof Assembly
Part 2

D: At the peak attach 1 (5155) Cedar Roofing per side to both Roof Support Assemblies and the Roof Joist Assembly using 3 (S0) #8 x 7/8" Truss Screws per roofing. (fig. 8.2) One (5155) Cedar Roofing should overlap the other. (fig. 8.3)

E: At the bottom of the the Support and Joist Assemblies pre-drill 1" above the existing holes in (5155) Cedar Roofing and then attach to each side with 3 (S0) #8 x 7/8" Truss Screws per roofing. (fig. 8.2) The bottom of (5155) Cedar Roofing should be flush to the bottom of each (1424) Roof Support. (fig. 8.4)

Fig. 8.2

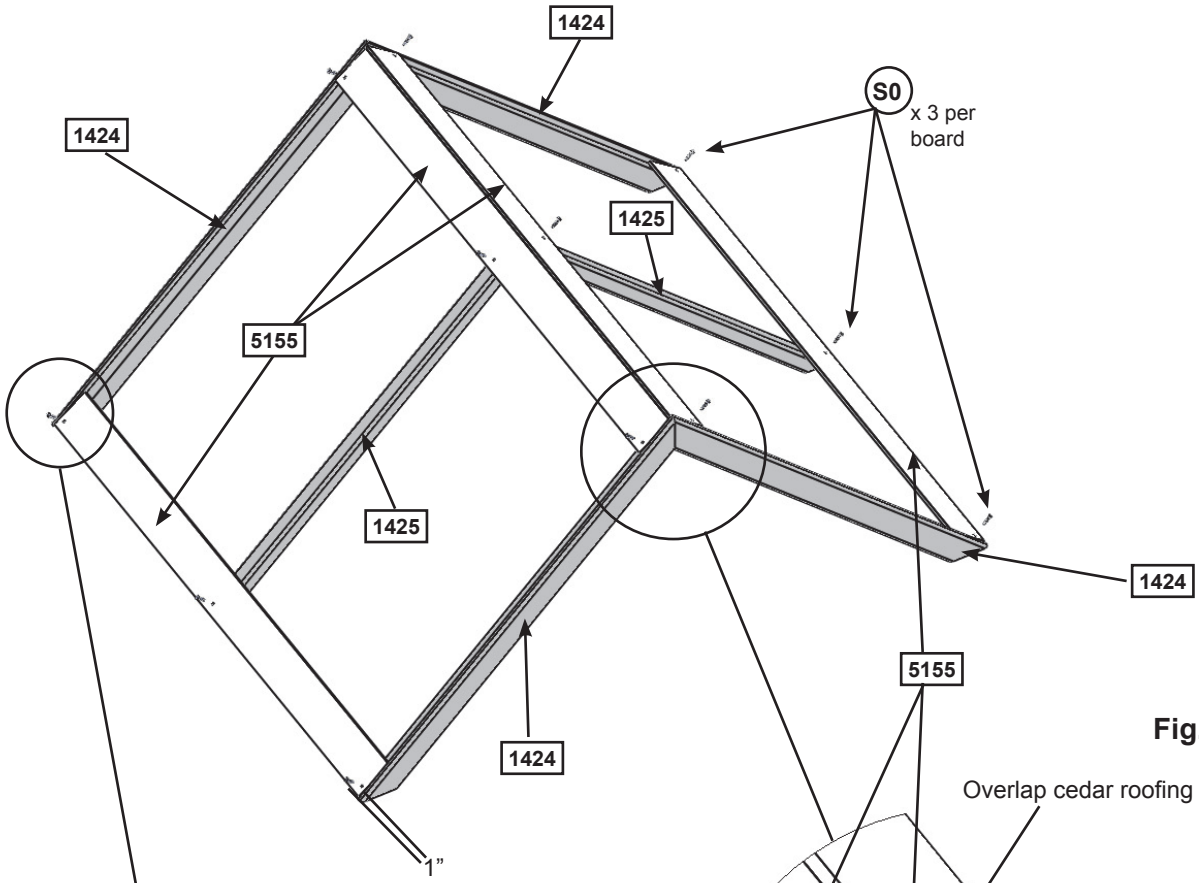


Fig. 8.3

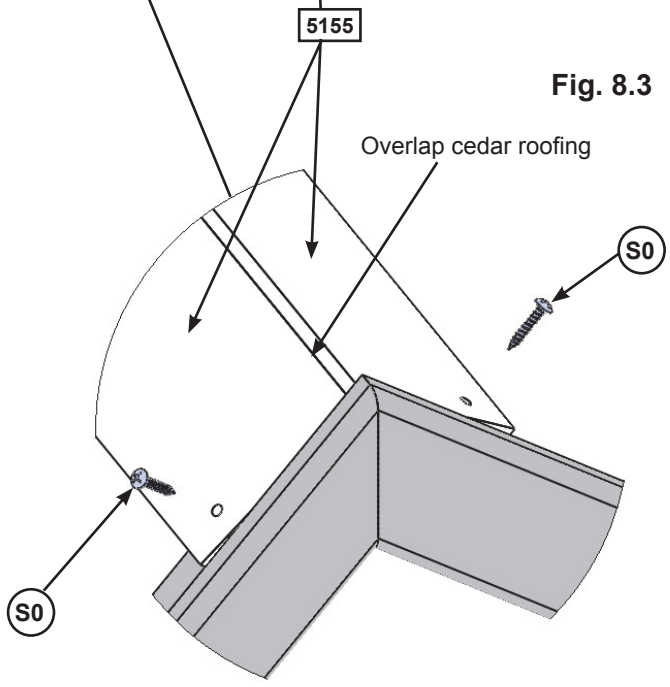
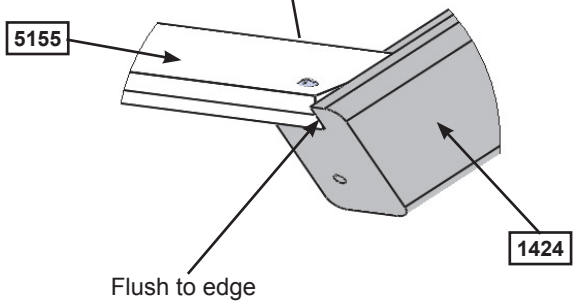


Fig. 8.4



Wood Parts

4 x 5155 Cedar Roofing 3/8 x 3-1/2 x 47-1/2"

Hardware

12 x S0 #8 x 7/8" Truss Screw

Step 8: Roof Assembly
Part 3

F: On one side, starting at the bottom and working up, attach 10 (5155) Cedar Roofing to both Roof Support Assemblies and the Roof Joist Assembly with 3 (S0) #8 x 7/8" Truss Screws per roofing. Make sure that one roofing overlaps the other. (fig. 8.5 and 8.6)

G: On the other side, starting at the bottom and working up attach 7 (5155) Cedar Roofing to both Roof Support Assemblies and the Roof Joist Assembly with 3 (S0) #8 x 7/8" Truss Screws per roofing. Make sure that one roofing overlaps the other. (fig. 8.5 and 8.6)

Fig. 8.5

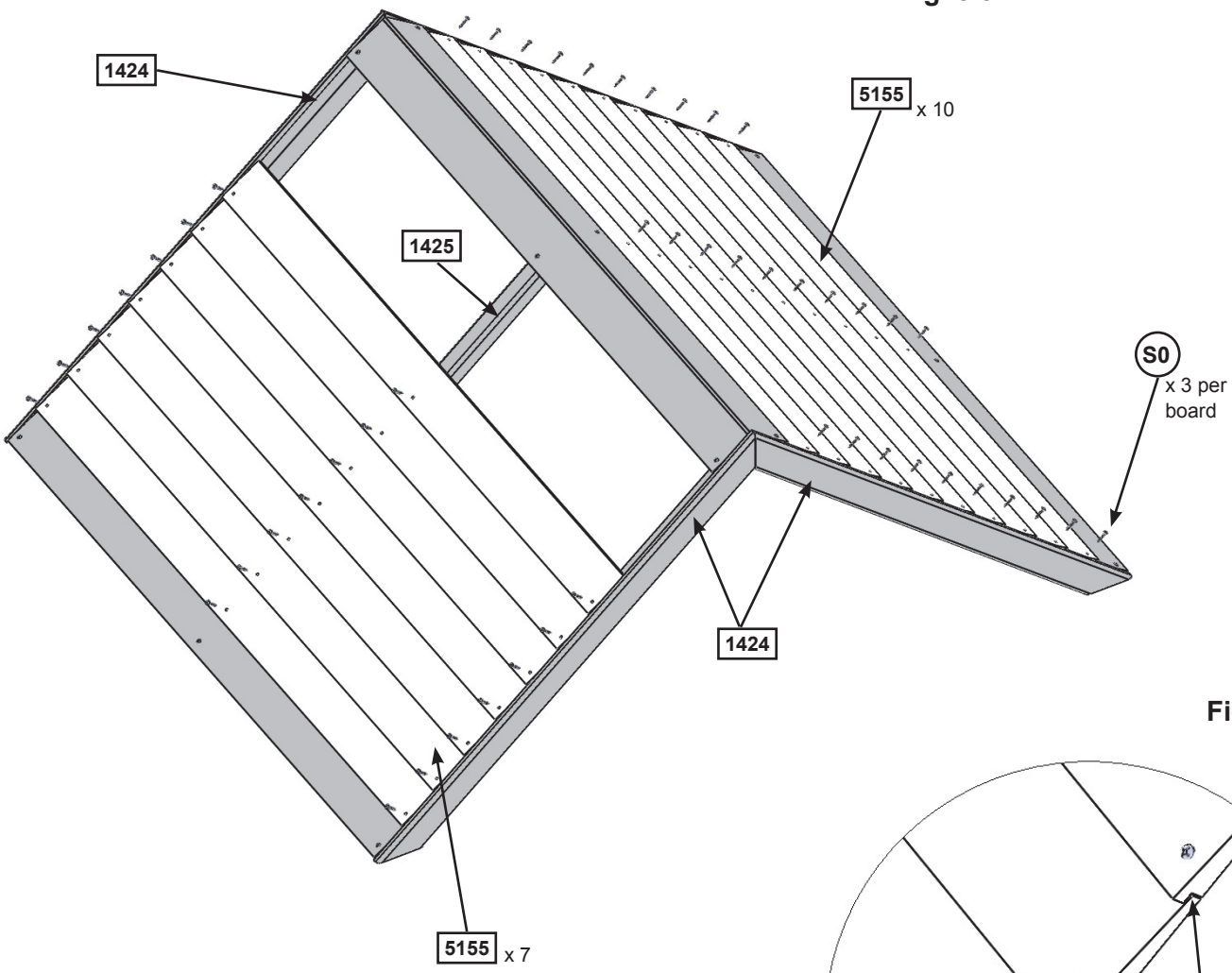
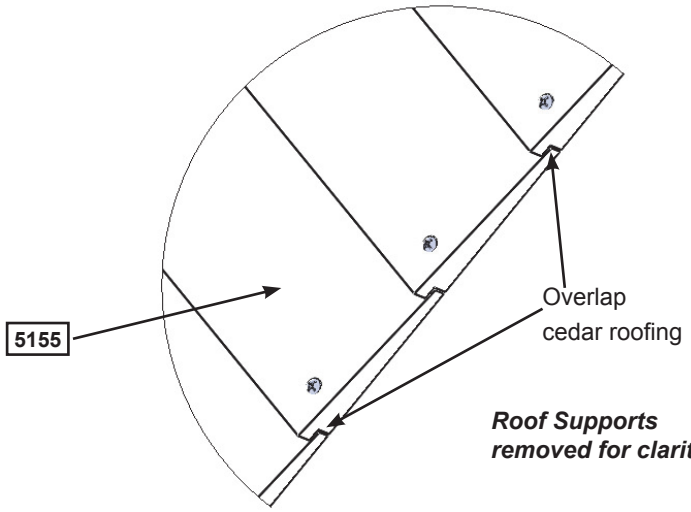


Fig. 8.6



Wood Parts

17 x 5155 Cedar Roofing 3/8 x 3-1/2 x 47-1/2"

Hardware

51 x S0 #8 x 7/8" Truss Screw

Step 8: Roof Assembly
Part 4

H: On the side of the Roof Assembly with 9 (5155) Cedar Roofing, on the 4th roofing, 8” in from the edge of each side, attach 2 (0522) Window Dormer Cleats with 1 (S6) #12 x 1” Pan Screw (with 3/16” flat washer) per cleat. Screws are to be installed from the underside of the roof. (fig. 8.7)

I: Hang both Small Dormer Assemblies, from Step 7, by the Window Dormer Bracket on the 8th (5155) Cedar Roofing. Make sure the dormer assemblies cover the (0522) Window Dormer Cleats. (fig. 8.8)

J: Attach the Small Dormer Assemblies to the (0522) Window Dormer Cleats with 2 (S5) #8 x 1/2” Pan Screws per Dormer Assembly. (fig. 8.8)

K: Attach the remaing 3 (5155) Cedar Roofing to both Roof Support Assemblies and the Roof Joist Assembly with 3 (S0) #8 x 7/8” Truss Screws per roofing. (fig. 8.7)

Fig. 8.8

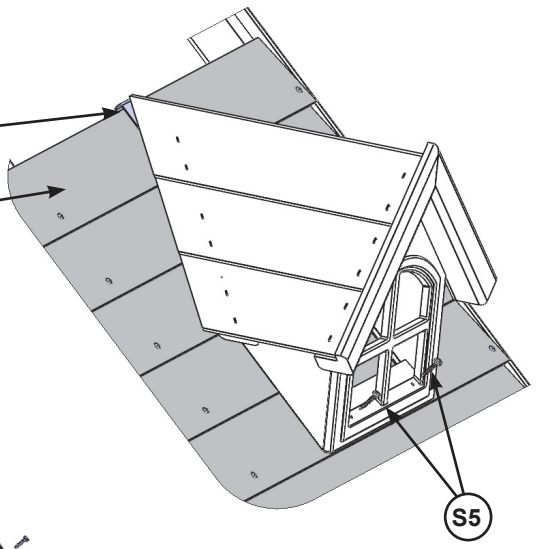
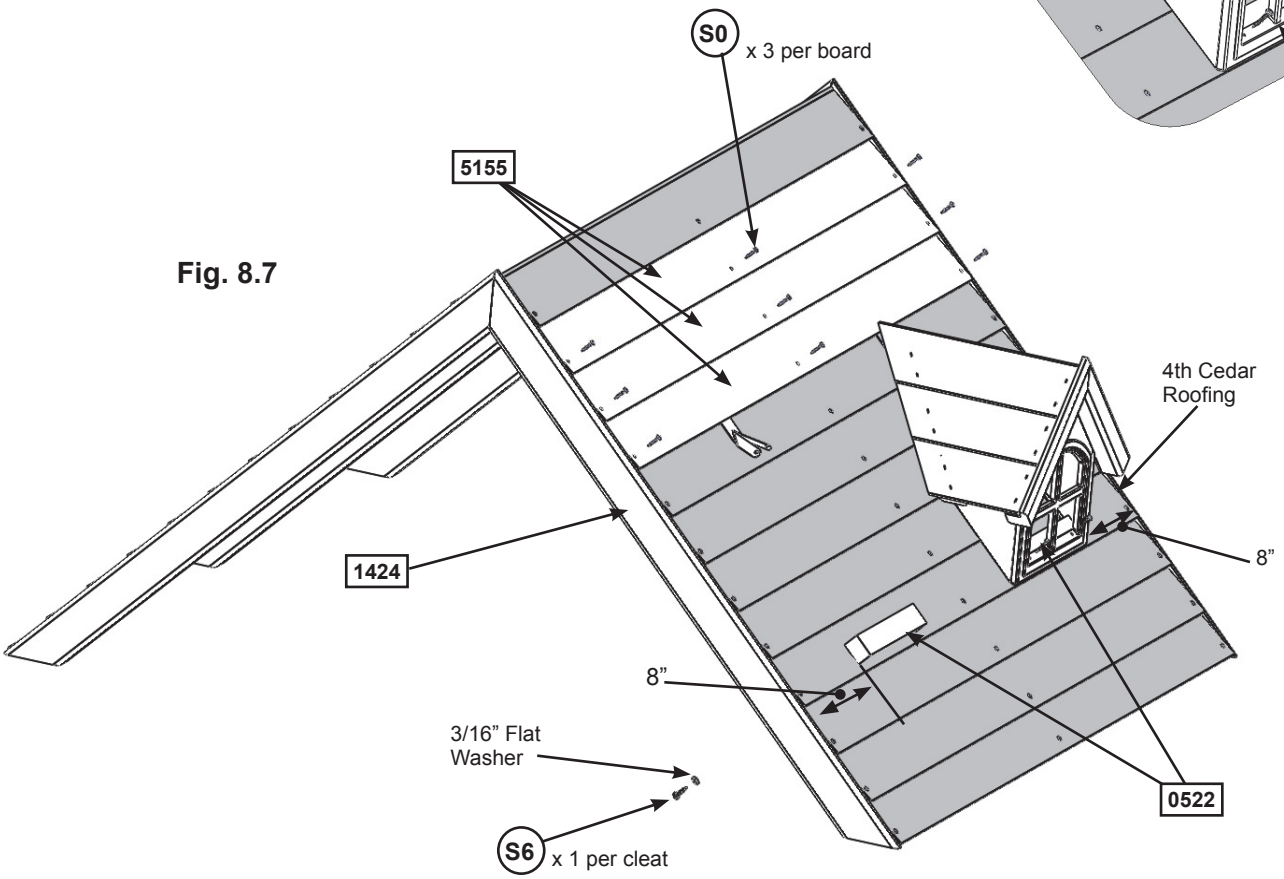


Fig. 8.7



Wood Parts

- 2 x 0522 **Window Dormer Cleat 5/4 x 2 x 8”**
- 3 x 5155 **Cedar Roofing 3/8 x 3-1/2 x 47-1/2”**

Hardware

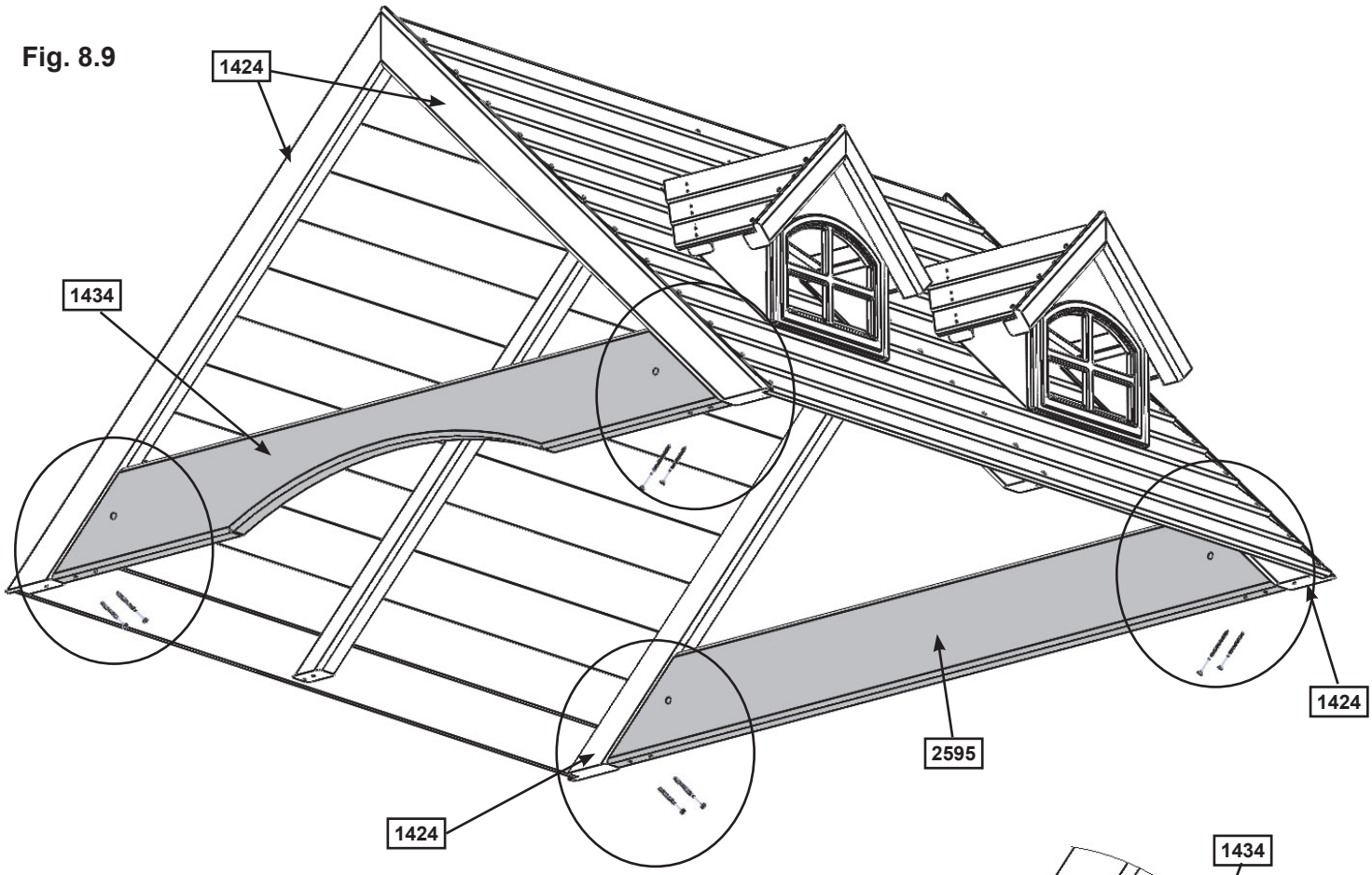
- 2 x S6 **#12 x 1” Pan Screw (with 3/16” flat washer)**
- 9 x S0 **#8 x 7/8” Truss Screw**
- 4 x S5 **#8 x 1/2” Pan Screw**

Step 8: Roof Assembly
Part 5

L: Place (1434) Roof Side flush to the bottom edges of 1 Roof Support Assembly and attach with 1 (S4) #8 x 3" Wood Screw and 1 (S3) #8 x 2-1/2" Wood Screw on each end as shown in fig. 8.9 and 8.10.

M: Place (2595) Side Roof flush to the bottom edges of the remaining Roof Support Assembly and attach with 1 (S4) #8 x 3" Wood Screw and 1 (S3) #8 x 2-1/2" Wood Screw on each end as shown in fig. 8.9 and 8.10.

Fig. 8.9



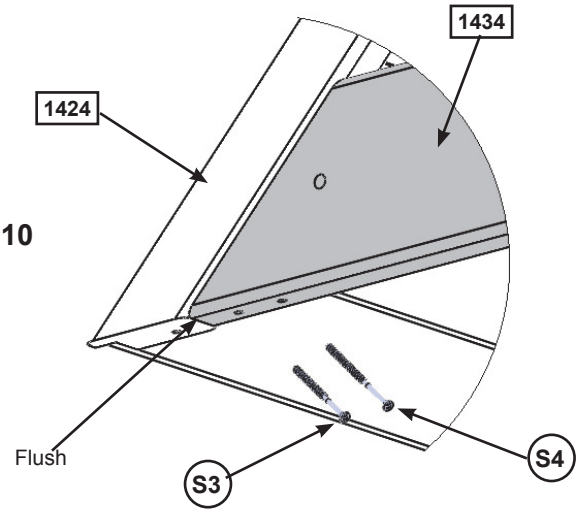


Fig. 8.10

Wood Parts	Hardware
1 x 1434 Roof Side 2 x 6 x 49-1/2"	4 x S3 #8 x 2-1/2" Wood Screw
1 x 2595 Side Roof 2 x 6 x 49-1/2"	4 x S4 #8 x 3" Wood Screw

Step 9: Post Assembly

A: Place 1 (1400) Post beside 1 (1401) Lower Post making sure the 3 holes in (1400) Post are at the top of the boards and facing the front as shown in fig. 9.1.

B: To align holes properly, insert a bolt through the bottom holes of (1400) Post and (1401) Lower Post as shown in fig. 9.2. Once boards are aligned properly, attach together with 7 (S3) #8 x 2-1/2" Wood Screws and then remove the bolt. (fig. 9.1)

C: Repeat these steps 3 more times to create 4 Post Assemblies in total.

Fig. 9.1

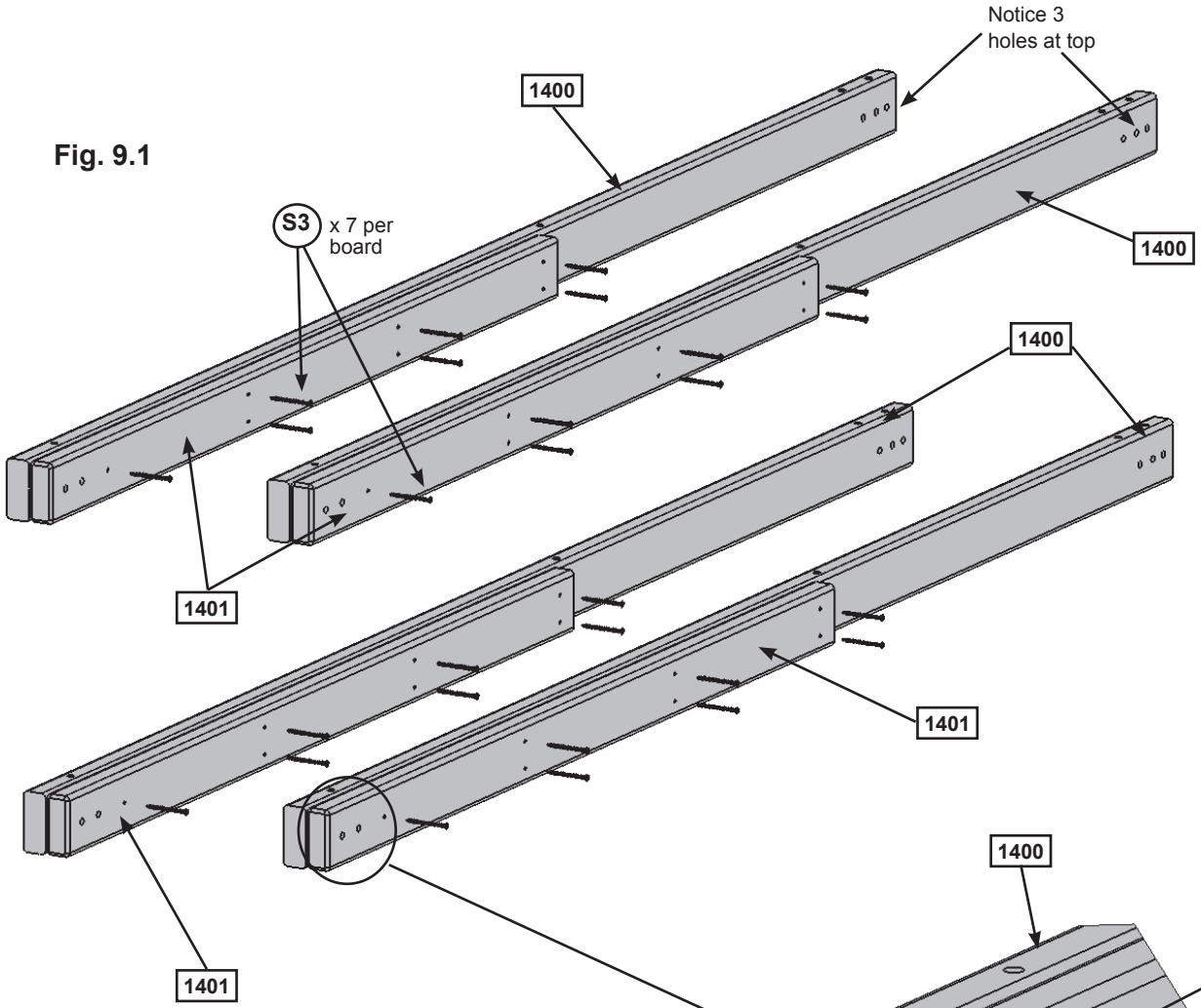
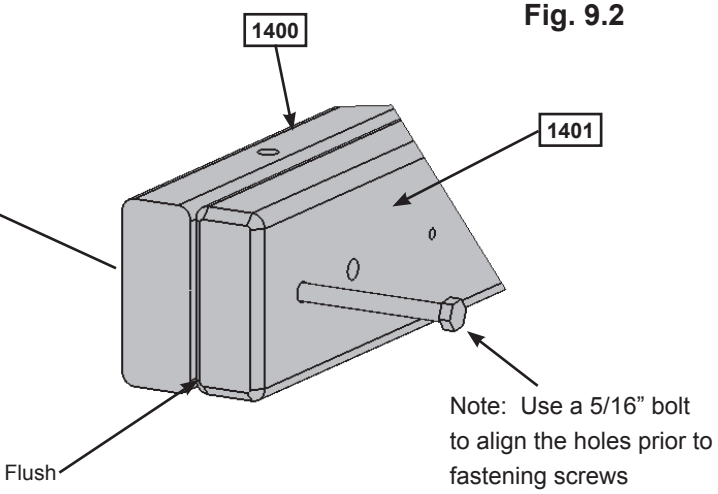


Fig. 9.2



Wood Parts	Hardware
4 x 1400 Post 2 x 4 x 92 1/2"	28 x S3 #8 x 2-1/2" Wood Screw
4 x 1401 Lower Post 2 x 4 x 54"	

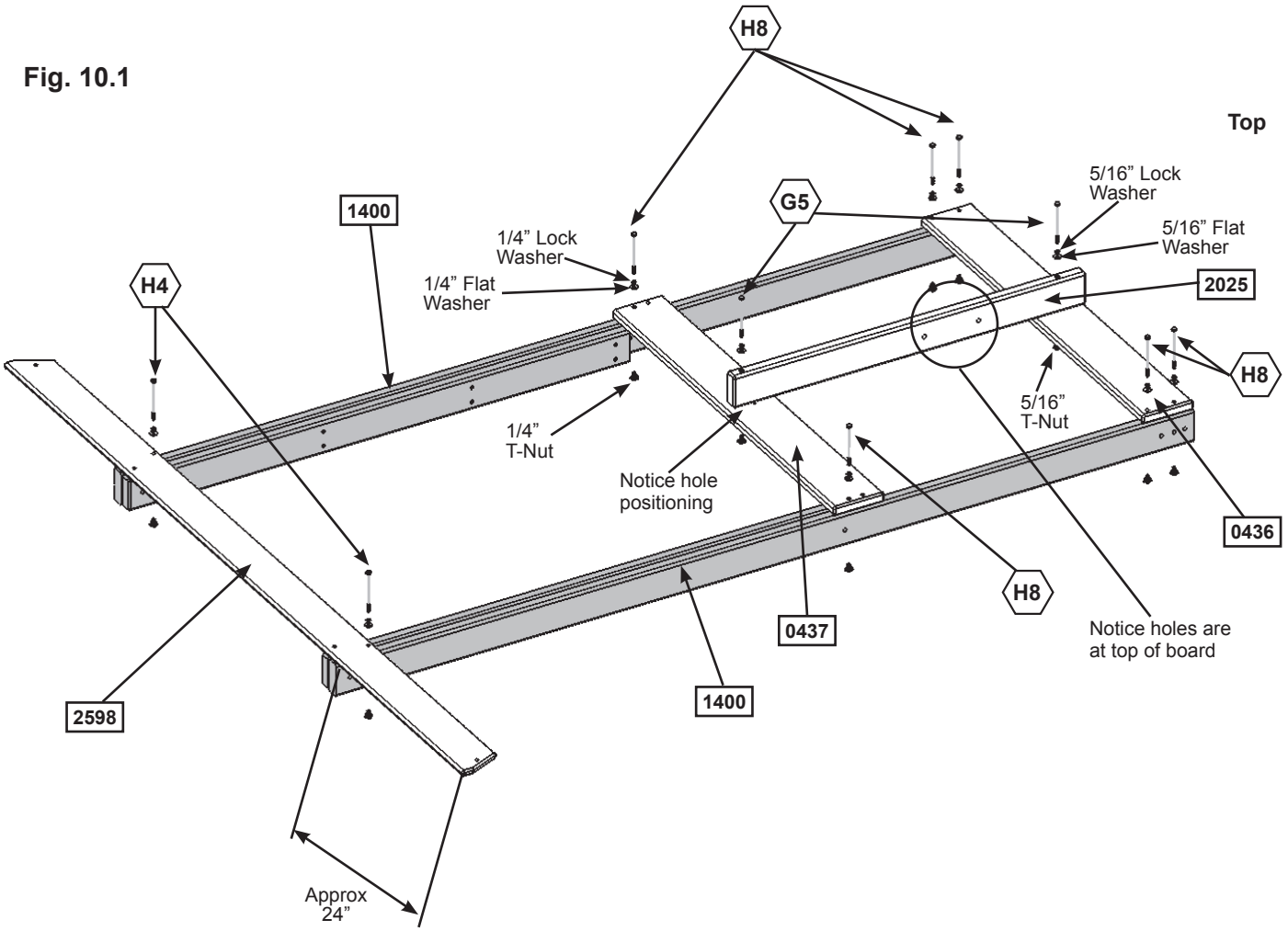
Step 10: Swing Wall Assembly
Part 1

A: Attach (2598) Ground SW Side to 2 Post Assemblies with 2 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 10.1. Notice how the board is placed. **Keep the bolts loose.**

B: Attach (0437) SW Floor to each (1400) Post, in the bottom holes, with 2 (H8) 1/4 x 4-1/4" Hex Bolts (with lock washer, flat washer and t-nut) and (0436) SW Top using 4 (H8) 1/4 x 4-1/4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.1) **Keep the bolts loose.**

C: Attach (2025) Wall Mount to (0437) SW Floor and (0436) SW Top using 2 (G5) 5/16 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.1) **Keep the bolts loose.**

Fig. 10.1



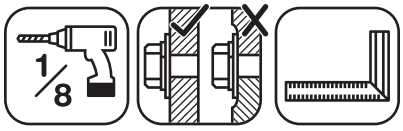
Wood Parts

- 1 x 2598 **Ground SW Side 1 x 5 x 85-61/64"**
- 1 x 0436 **SW Top 5/4 x 6 x 41-1/2"**
- 1 x 0437 **SW Floor 5/4 x 6 x 41-1/2"**
- 1 x 2025 **Wall Mount 2 x 4 x 38"**

Hardware

- 2 x H4 **1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
- 6 x H8 **1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
- 2 x G5 **5/16 x 4-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**

Step 10: Swing Wall Assembly
Part 2



Note: Pre-drill all holes using a 1/8" drill bit before installing the Lag Screws.

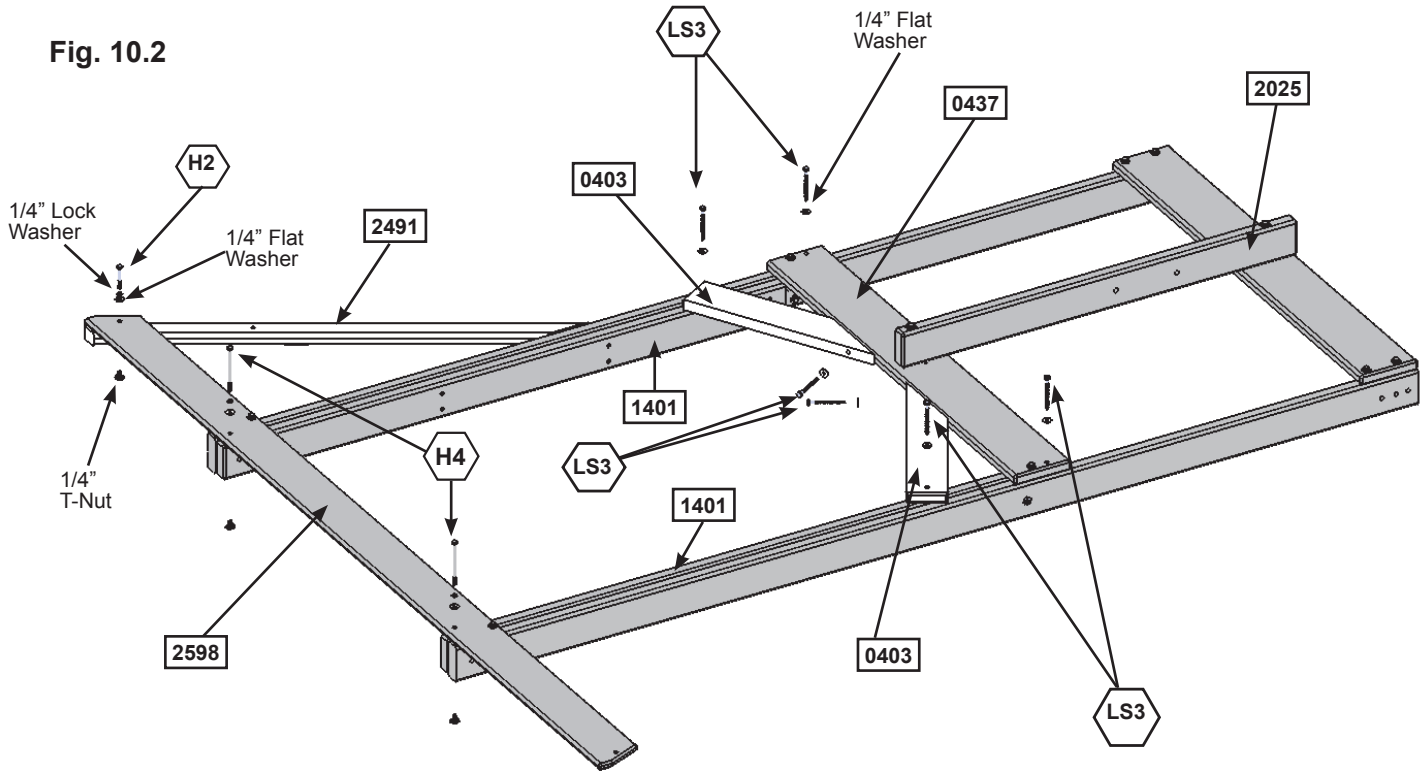
D: Make sure the assembly is square and then attach (0437) SW Floor to both (1400) Posts in the top holes using 2 (LS3) 1/4 x 3" Lag Screws (with flat washer) and (2598) Ground SW Side to each (1401) Lower Post with 2 (H4) 1/4 x 4"" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 10.2)

E: Attach 1 (2491) Diagonal to one end of (2598) Ground SW Side using 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) as shown in fig. 10.2.

F: Attach 1 (0403) Gusset to each (1401) Lower Post and to bottom of (0437) SW Floor with 2 (LS3) 1/4 x 3" Lag Screws (with flat washer) per gusset. (fig. 10.2)

G: Tighten all the bolts in the Swing Wall Assembly except for the bolts in (2025) Wall Mount.

Fig. 10.2



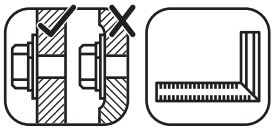
Wood Parts

2 x 0403 **Gusset 5/4 x 4 x 18-1/2"**
1 x 2491 **Diagonal 2 x 3 x 42-1/4"**

Hardware

1 x H2 **1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
6 x LS3 **1/4 x 3" Lag Screw (1/4" flat washer)**
2 x H4 **1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

Step 11: Slide Wall Assembly



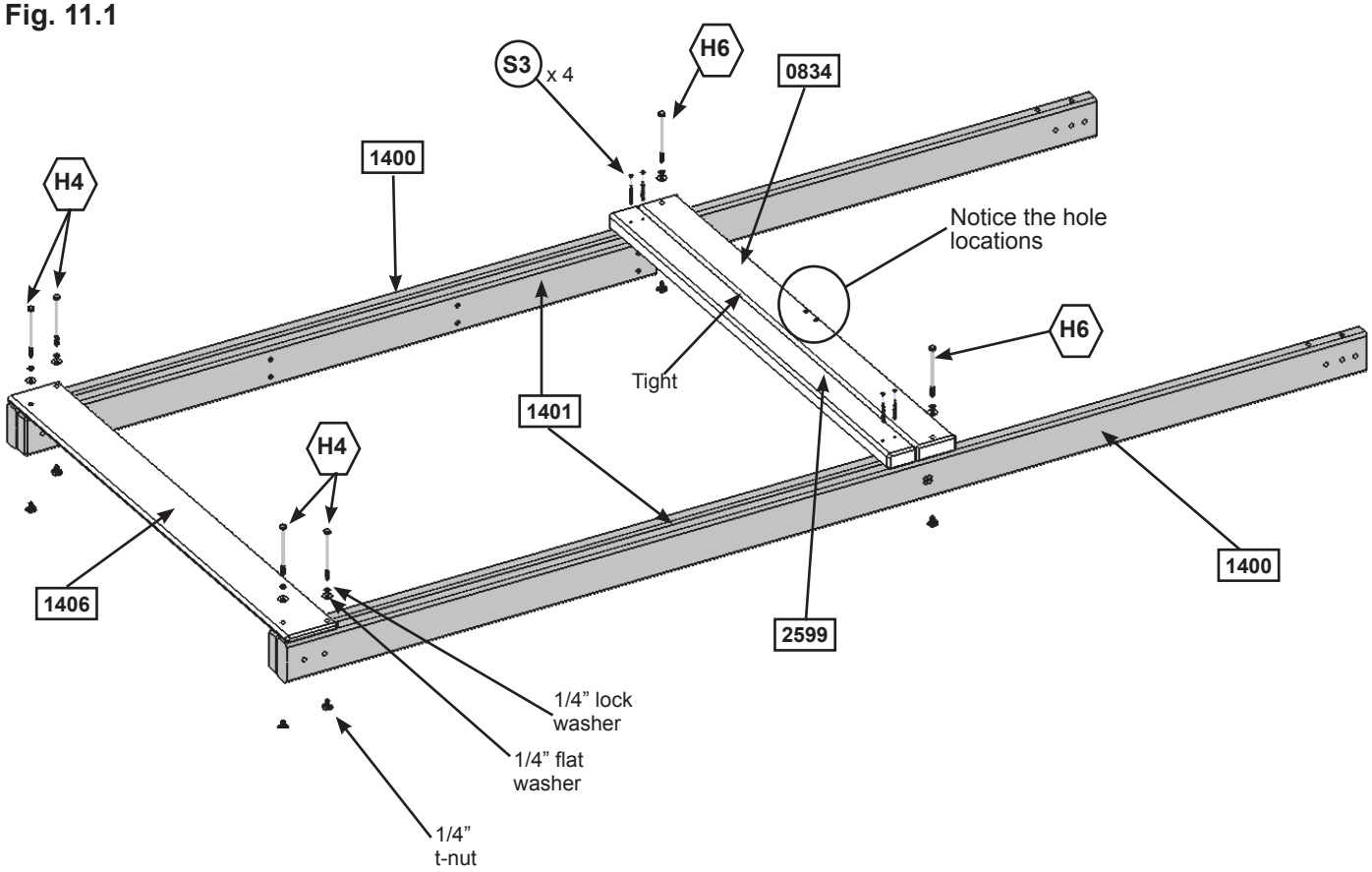
A: Attach (1406) Ground SL Side to the remaining 2 Post Assemblies with 4 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 11.1. **Keep bolts loose.**

B: Attach (0834) SL Floor to each (1400) Post with 2 (H6) 1/4 x 4-3/4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 11.1) **Keep bolts loose.**

C: Tight to the bottom of (0834) SL Floor attach (2599) SL Spacer to each (1400) Post with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 11.1)

D: Tighten all the bolts in the Slide Wall Assembly.

Fig. 11.1



Wood Parts

- 1 x 0834 SL Floor 2 x 4 x 41-1/2"
- 1 x 1406 Ground SL Side 1 x 5 x 41-1/2"
- 1 x 2599 SL Spacer 2 x 3 x 41-1/2"

Hardware

- 4 x H4 1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x H6 1/4 x 4-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 4 x S3 #8 x 2-1/2" Wood Screw

Step 12: Front and Back Frame Assembly

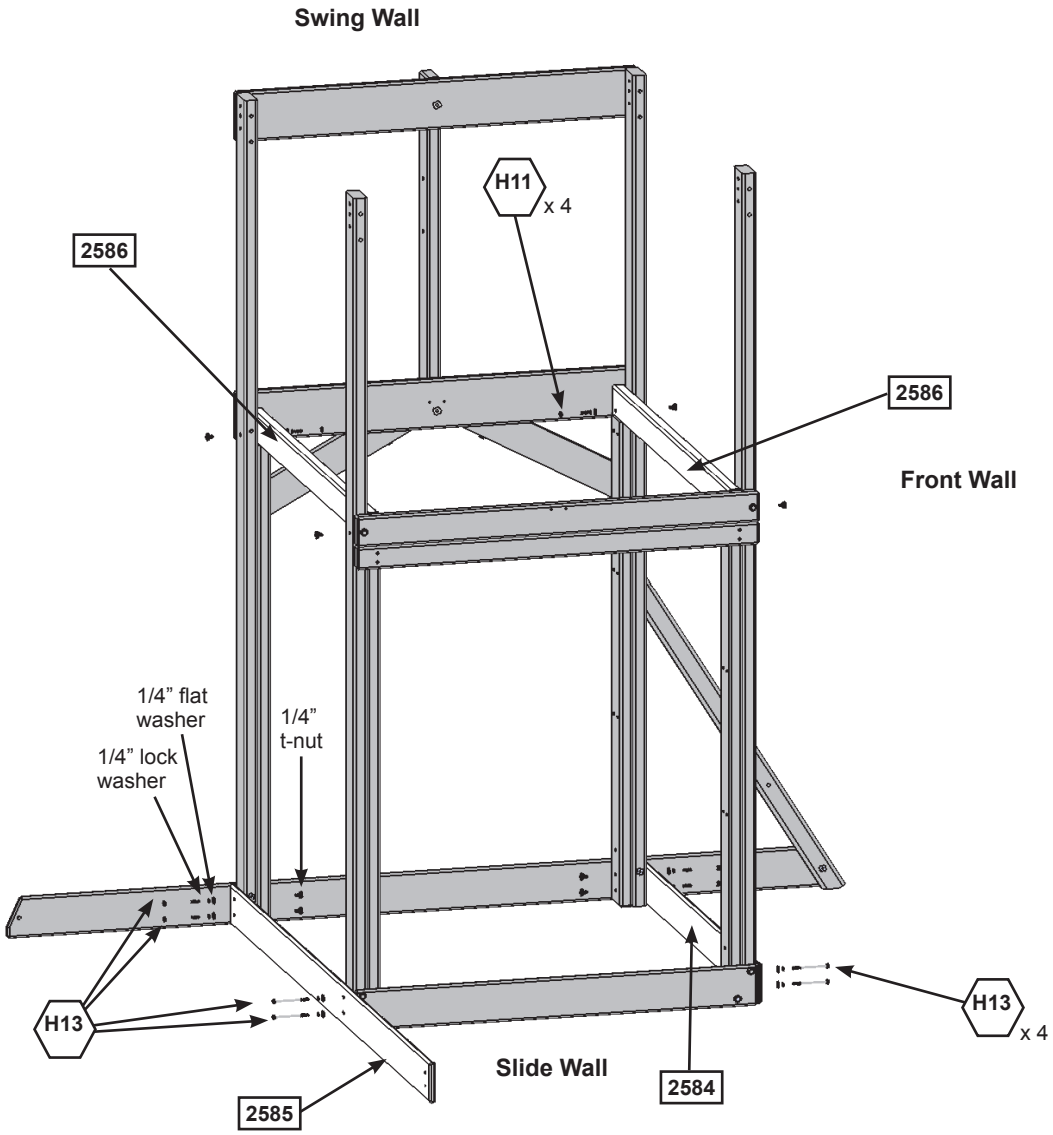
Keep all bolts in this step loose until a later step.

A: Attach 1 (2586) Floor Front Back to the inside of each Post Assembly on both the Swing Wall and Slide Wall Sides using 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut) per corner. Bolts are installed from the inside of the fort. Notice that the holes on (2586) Floor Front Back are towards the bottom of the boards. (fig. 12.1)

B: On the Front Wall attach (2584) Front Ground to the outside of each Post Assembly using 4 (H13) 1/4 x 3-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 12.1)

C: On the Back Wall attach (2585) Back Ground to the outside of each Post Assembly using 4 (H13) 1/4 x 3-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 12.1)

Fig. 12.1



Wood Parts

- 2 x 2586 Floor Front Back 2 x 4 x 45-1/4"
- 1 x 2584 Front Ground 1 x 5 x 45-1/2"
- 1 x 2585 Back Ground 1 x 5 x 77"

Hardware

- 4 x H11 1/4 x 2-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 8 x H13 1/4 x 3-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 13: Front Frame Assembly Part 1

A: Remove the bottom bolt in (2025) Wall Mount. Do not discard this bolt you will re-install it after the (2587) Floor Joist is attached. (fig. 13.2)

B: From the inside of the assembly measure 1-13/16” down from the top of (0437) SW Floor and then attach (2587) Floor Joist with 2 (S4) #8 x 3” Wood Screws. (fig. 13.1, 13.2 & 13.3)

C: Attach the other side of (2587) Floor Joist flush to the top of (0834) SL Floor with 2 (S4) #8 x 3” Wood Screws. (fig. 13.1)

D: Reinstall the bottom bolt in (2025) Wall Mount and tighten both bolts. (fig. 13.2)

Fig. 13.1

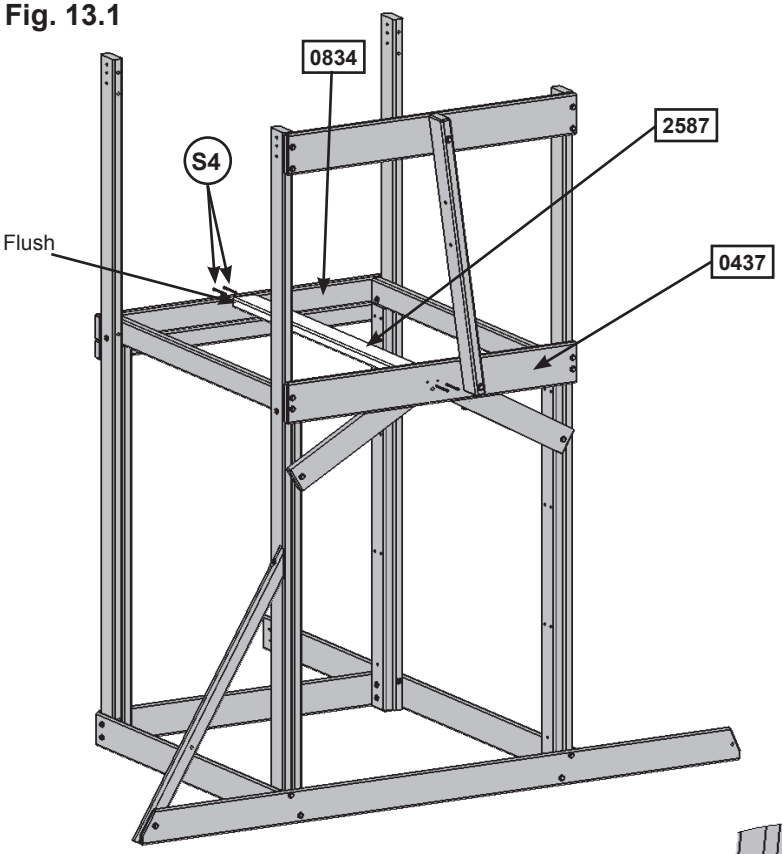


Fig. 13.2

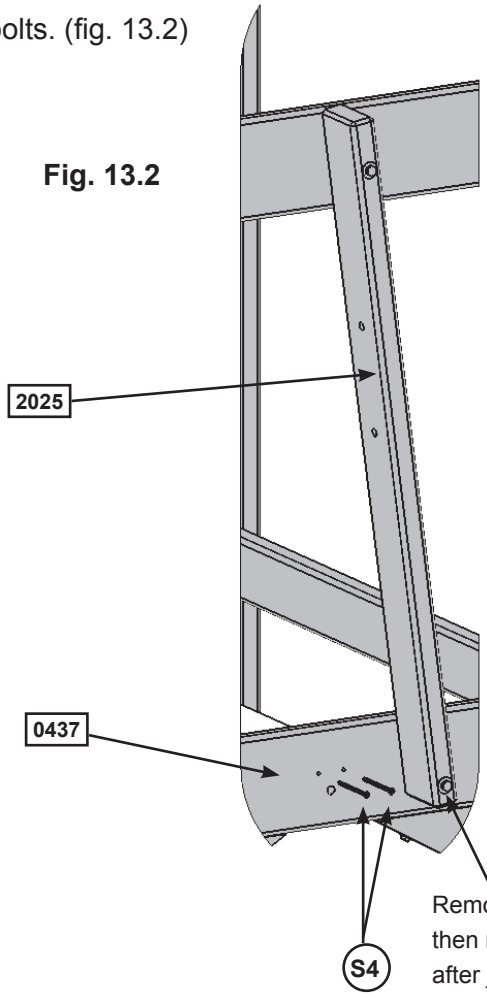
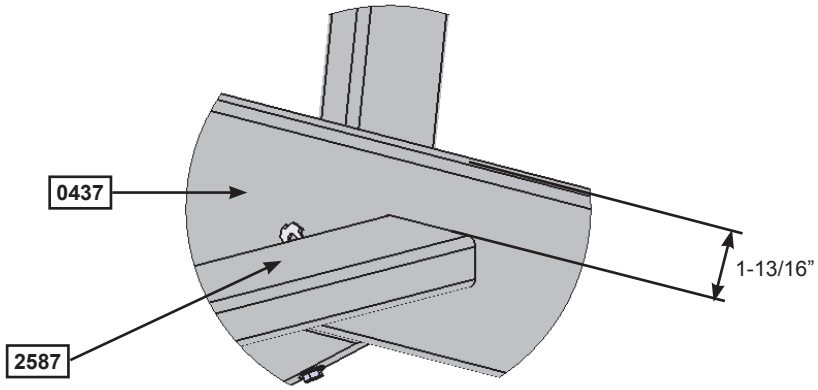


Fig. 13.3
Inside View



Wood Parts

1 x 2587 **Floor Joist 5/4 x 4 x 45-1/2”**

Hardware

4 x S4 **#8 x 3” Wood Screw**

Step 13: Front Frame Assembly Part 2

E: Attach (0839) CE Gap Board to each (2586) Floor Front Back and (2587) Floor Joist on the the Swing Wall Side using 5 (S2) #8 x 1-1/2" Wood Screws. (fig. 13.4 and 13.5)

F: Flush to the the outide face of (0834) SL Floor attach 1 (0840) CE Gap Board to each (2586) Floor Front Back, (0834) SL Floor and (2587) Floor Joist using 5 (S2) #8 x 1-1/2" Wood Screws. (fig. 13.4 and 13.5)

Fig. 13.4

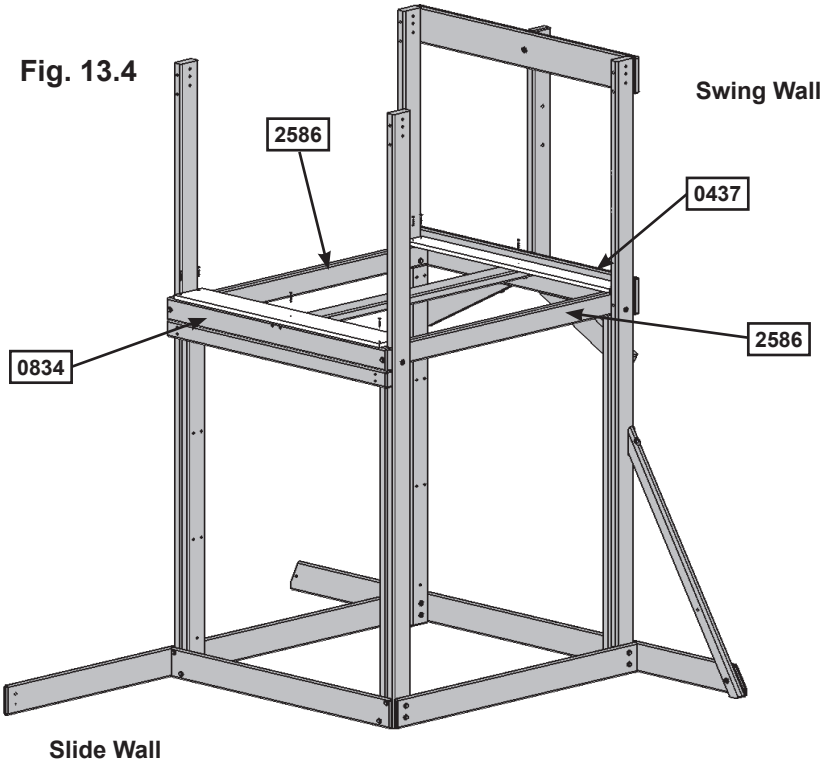
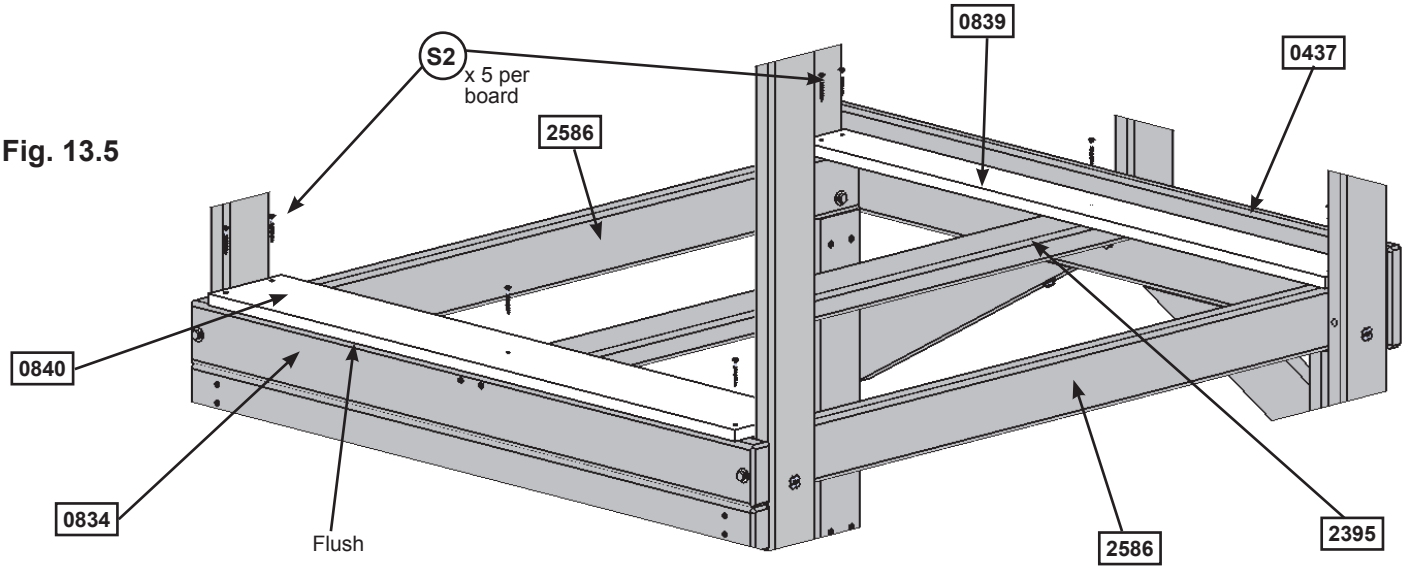


Fig. 13.5



Wood Parts

1 x 0839 CE Gap Board 1 x 4 x 38-3/4"
1 x 0840 CE Gap Board 1 x 6 x 38-3/4"

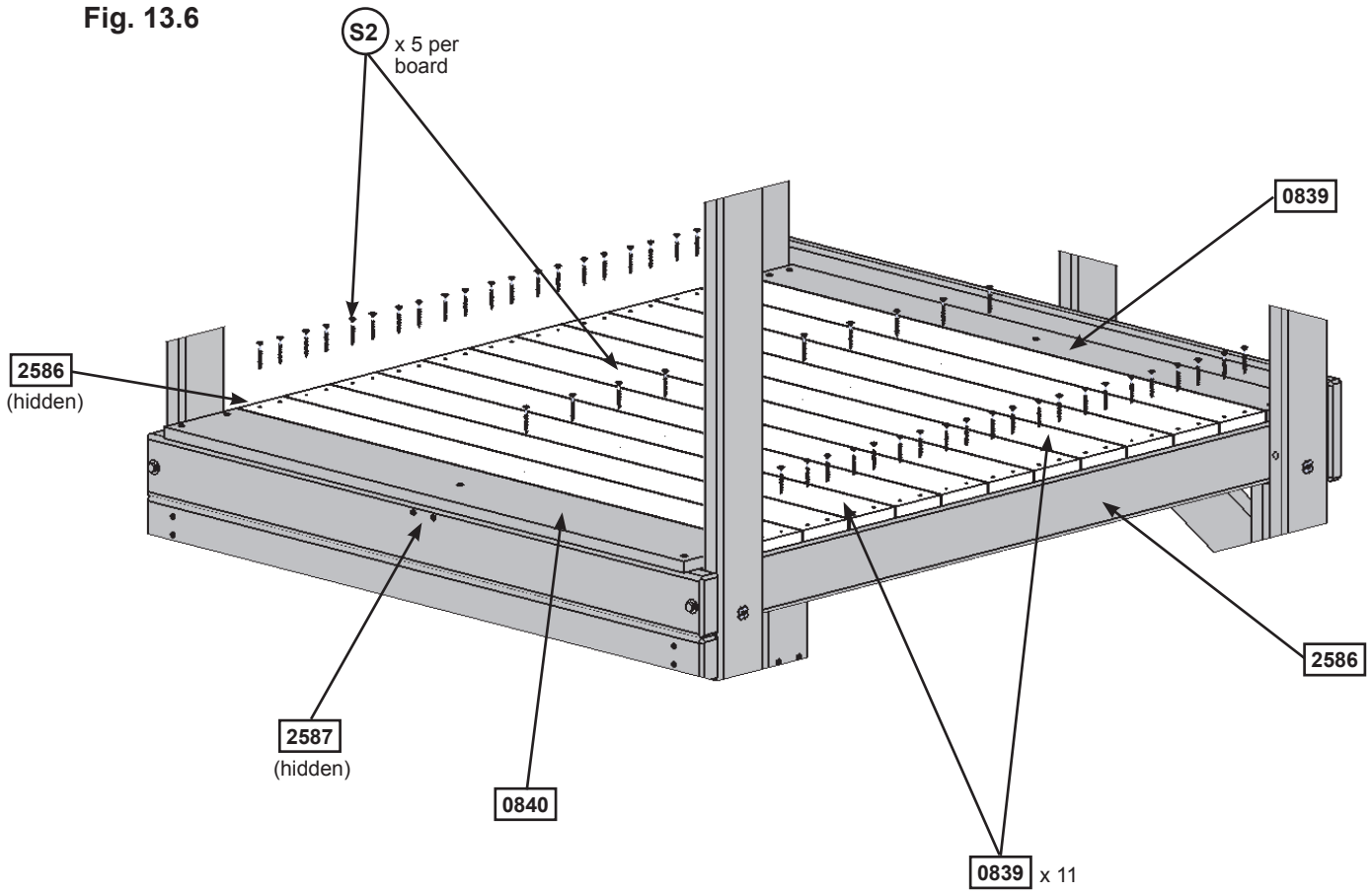
Hardware

10 x S2 #8 x 1-1/2" Wood Screw

Step 13: Front Frame Assembly Part 3

G: In between both (0839) CE Gap Board and (0840) CE Gap Board place 11 (0839) CE Gap Boards making sure they are evenly spaced. Attach to (2587) Floor Joist and both (2586) Floor Front Back using 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 13.6)

Fig. 13.6

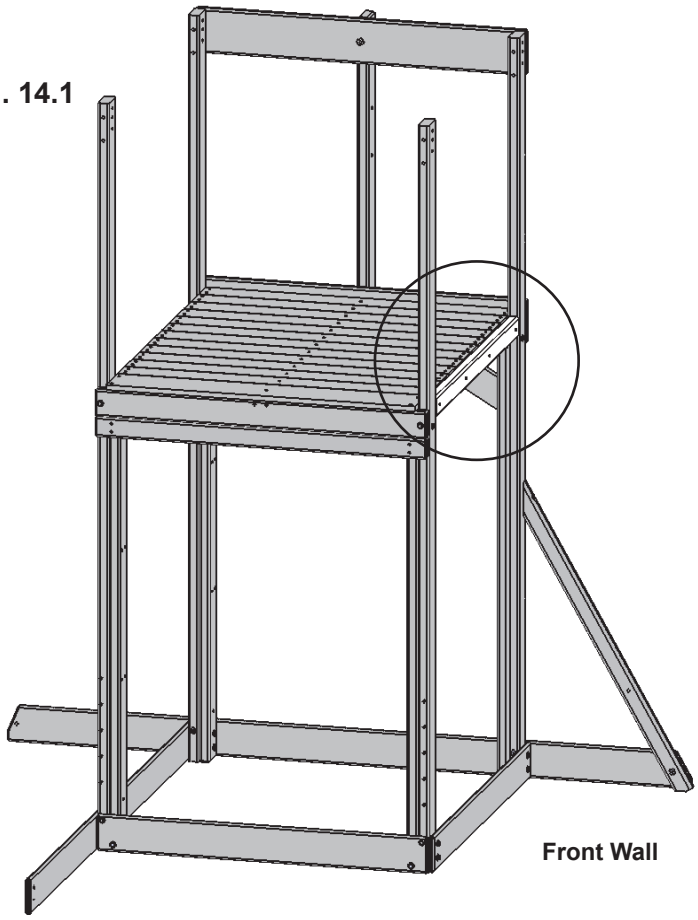


Wood Parts	Hardware
11 x 0839 CE Gap Board 1 x 4 x 38-3/4"	55 x S2 #8 x 1-1/2" Wood Screw

Step 14: Attach Floor Gap

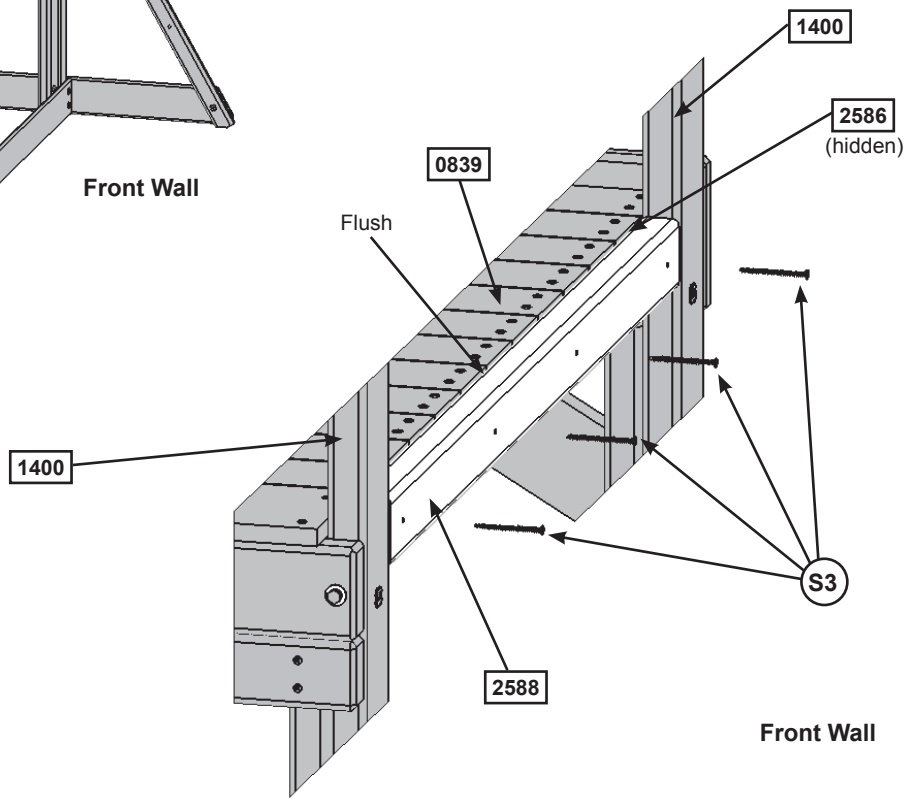
A: On the Front Wall in between (1400) Posts and flush to the top of the (0839) CE Gap Boards attach (2588) Floor Gap to (2586) Floor Front Back with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 14.1 and 14.2).

Fig. 14.1



Front Wall

Fig. 14.2



Front Wall

Wood Parts

1 x 2588 Floor Gap 2 x 3 x 38-5/8"

Hardware

4 x S3 #8 x 2-1/2" Wood Screw

Step 15: Top Frame Assembly Part 1

A: From outside the fort attach a 1/4" t-nut in the middle hole of each (1400) Post on the Slide Wall as shown in fig. 15.1 and 15.2.

B: Attach 1 (2590) Top Back Front to each (1400) Post on the Front and Back Walls with 4 (H10) 1/4 x 2-1/4" Hex Bolts (with lock washer, flat washer and t-nut) per board. (fig. 15.1 and 15.2)

Fig. 15.1

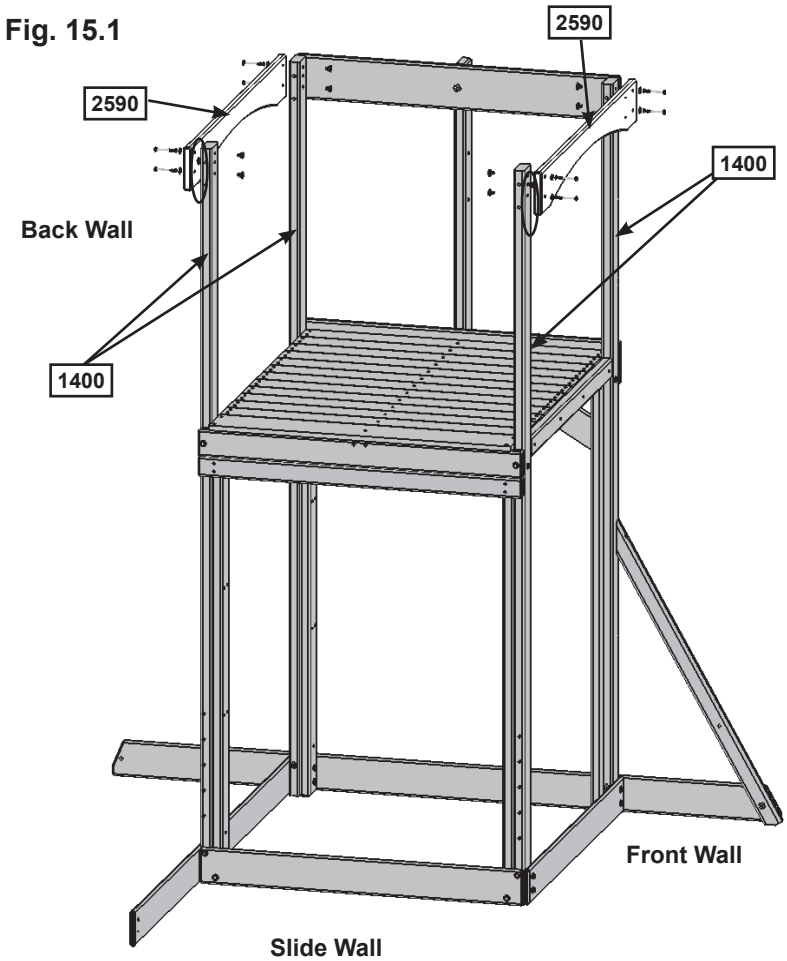
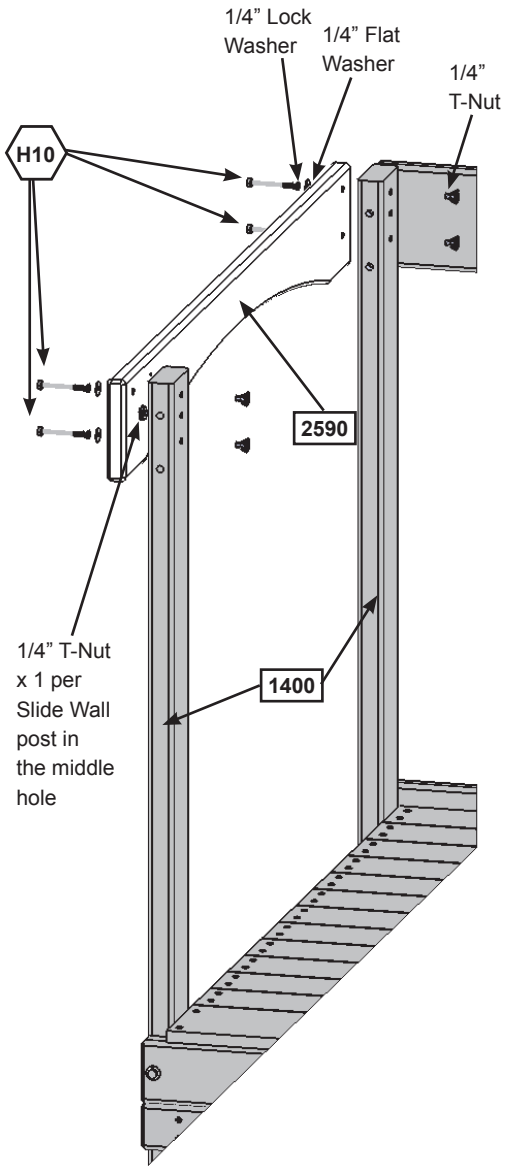


Fig. 15.2



Wood Parts

2 x 2590 **Top Back Front 5/4 x 6 x 45-1/2"**

Hardware

8 x H10 **1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

2 x **1/4" T-Nut**

Step 15: Top Frame Assembly Part 2

C: Place 1 (1404) Roof Block tight to the top of each (1400) Post on the Slide Wall, the bevelled edge to be at the top. On the inside of the assembly place 1 (2594) SL Post Support flush to the top of (1404) Roof Block and attach to (1400) Posts and (1404) Roof Block with 9 (S3) #8 x 2-1/2" Wood Screws per support. (fig. 15.3 and 15.4)

D: Place 1 (1404) Roof Block tight to the top of each (1400) Post on the Swing Wall, the bevelled edge to be at the top. On the inside of the assembly place 1 (2593) Post Support flush to the top of (1404) Roof Block and attach to (1400) Posts and (1404) Roof Block with 9 (S2) #8 x 1-1/2" Wood Screws per support. (fig. 15.3 and 15.4)

Fig. 15.3

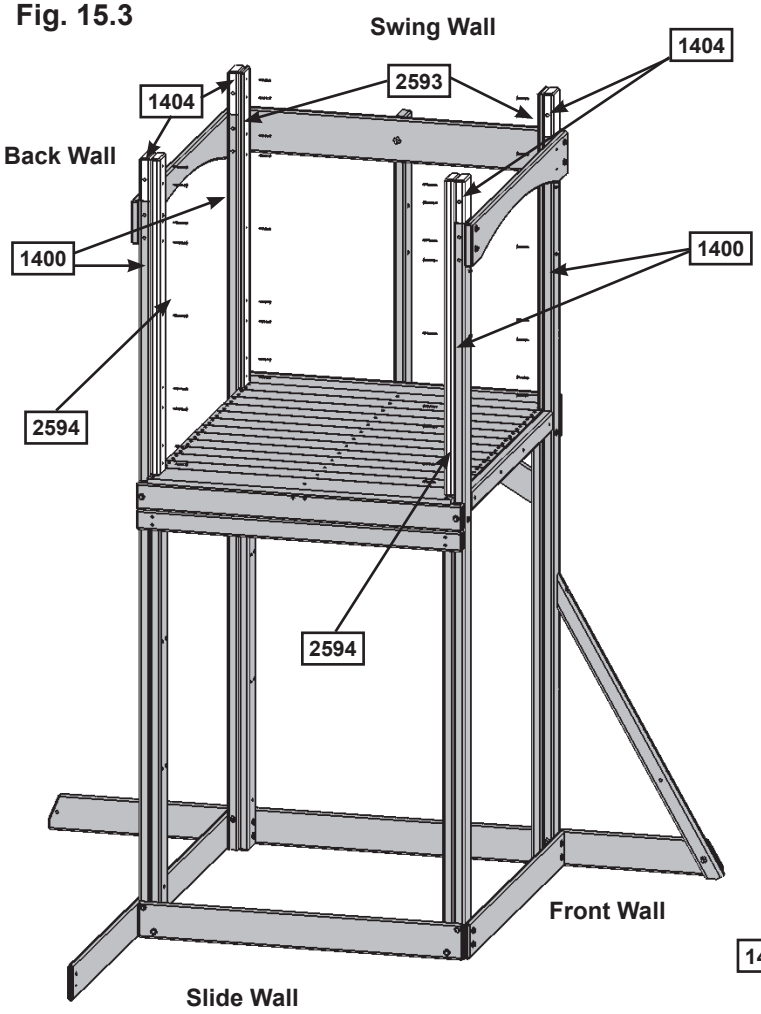
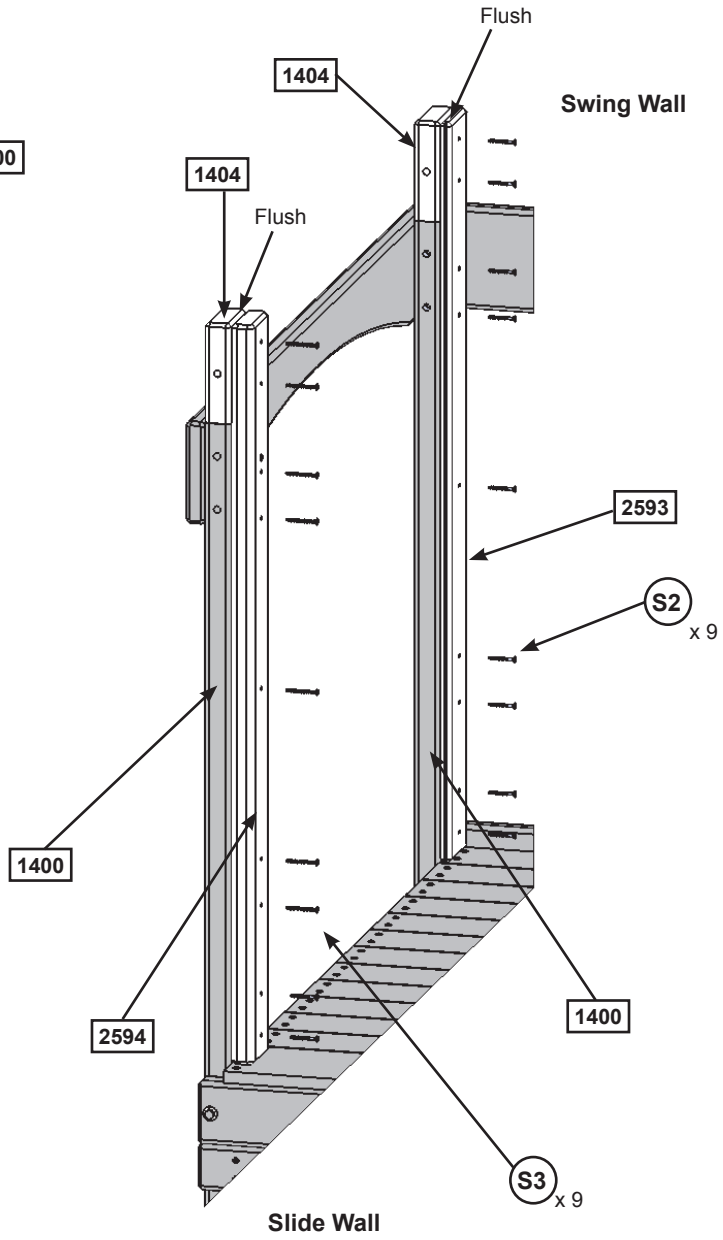


Fig. 15.4



Wood Parts

- 4 x 1404 Roof Block 2 x 4 x 5-3/8"
- 2 x 2594 SL Post Support 2 x 4 x 39-7/8"
- 2 x 2593 Post Support 1 x 4 x 39-7/8"

Hardware

- 18 x S2 #8 x 1-1/2" Wood Screw
- 18 x S3 #8 x 2-1/2" Wood Screw

Step 16: Front Window Wall Assembly Part 1

A: Tight to the top (2590) Top Back Front on the Front Wall and 1-3/8" from the outside edge of each (1404) Roof Block attach (1412) Window Sill to (1404) Roof Blocks with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 16.1 and 16.2)

B: Tight to the bottom of (2590) Top Back Front attach 1 (1411) Wall Trim flush to the outside edge of each (1400) Post with 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 16.1 and 16.2)

C: Flush to the bottom of each (1411) Wall Trim attach 1 (1482) Siding to (2586) Floor Front Back with 4 (S0) #8 x 7/8" Truss Screws. (fig. 16.1 and 16.2)

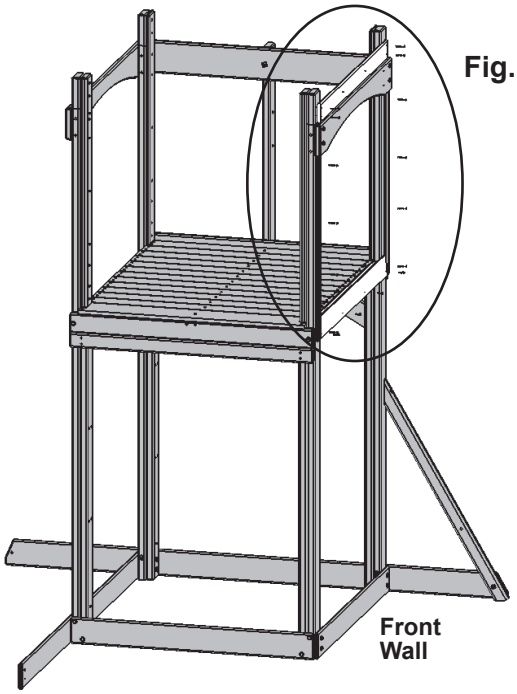
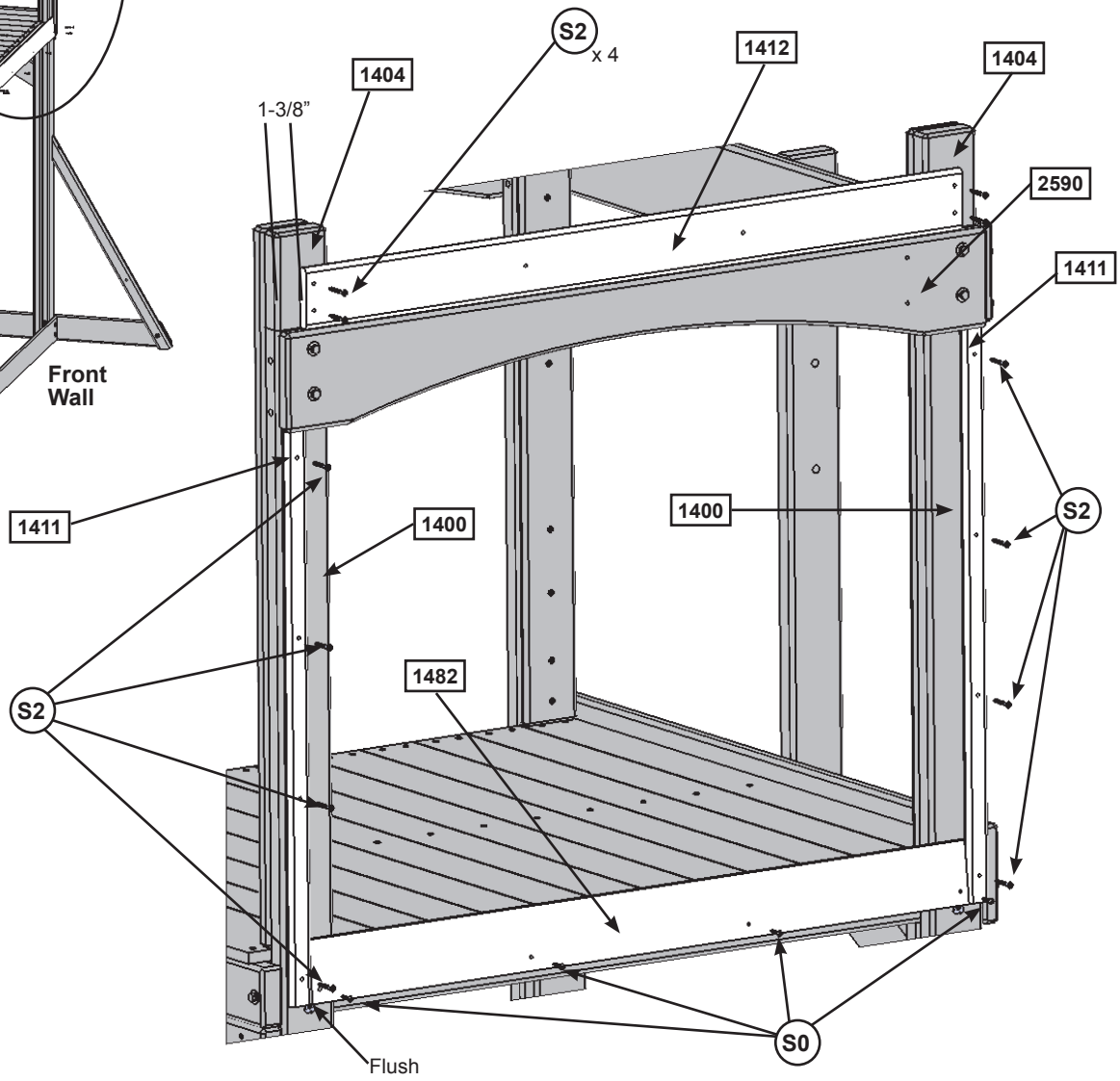


Fig. 16.1

Fig. 16.2



Wood Parts

1 x 1412 **Window Sill 1 x 4 x 42-5/8"**
2 x 1411 **Wall Trim 1 x 2 x 31-7/8"**
1 x 1482 **Siding 3/8 x 3-1/2 x 42-5/8"**

Hardware

12 x (S2) **#8 x 1-1/2" Wood Screw**
4 x (S0) **#8 x 7/8" Truss Screw**

Step 16: Front Window Wall Assembly Part 2

D: On the inside of the assembly centre 2 (1417) Window Braces over the pilot holes in (1412) Window Sill and then attach to (1412) Window Sill from the outside of the assembly using 1 (S2) #8 x 1-1/2" Wood Screws per brace. (fig. 16.3 and 16.4)

E: Attach 5 more (1482) Siding directly above the first and attach to (1400) Posts and (1417) Window Braces with 4 (S0) #8 x 7/8" Truss Screws per board. (fig. 16.3 and 16.4)

Fig. 16.3

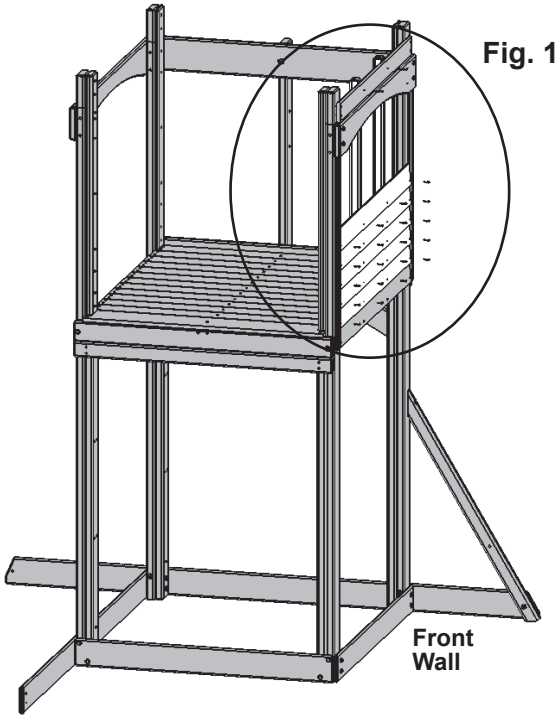
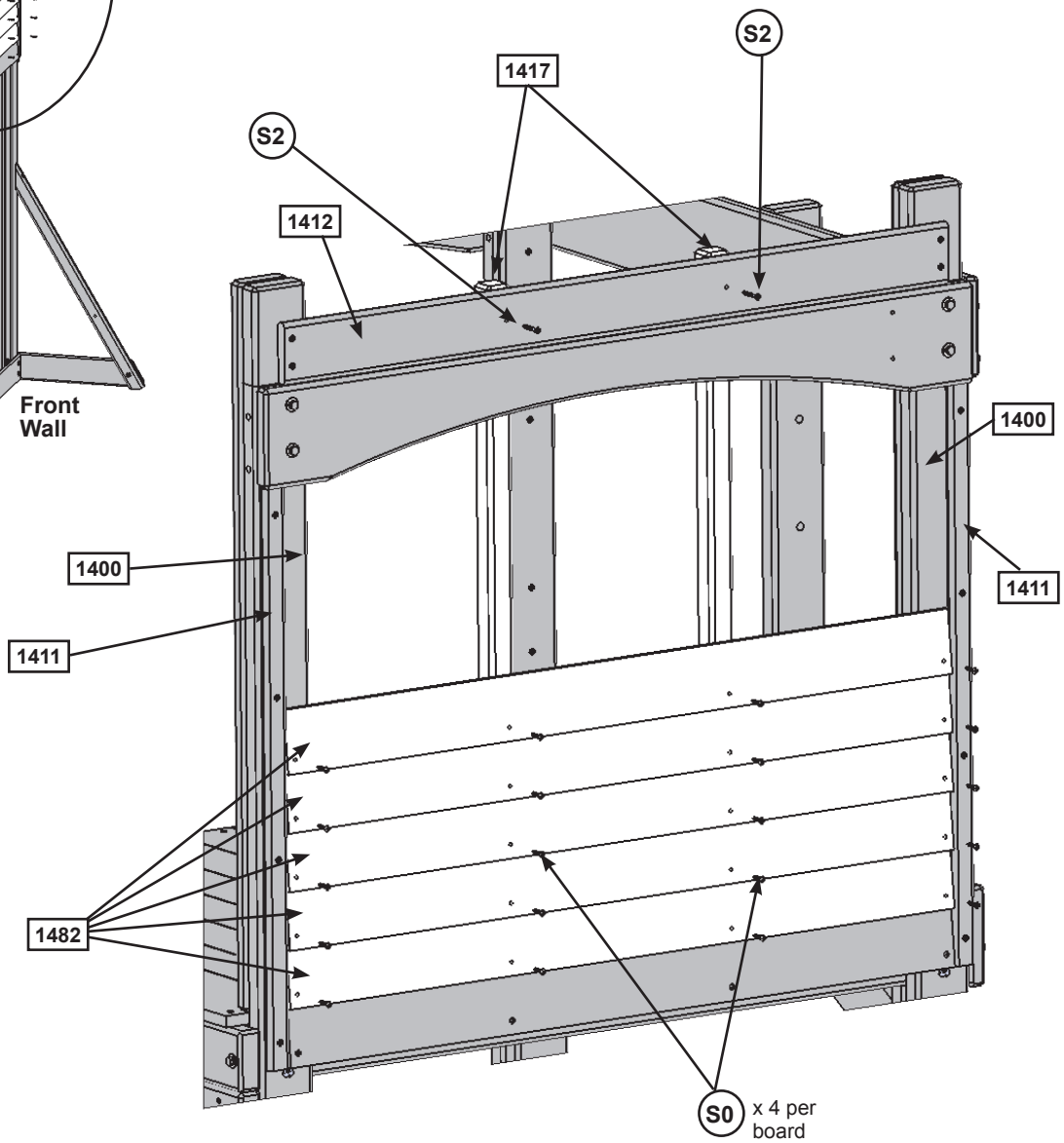


Fig. 16.4



Wood Parts

2 x 1417 **Window Brace 2 x 2 x 38"**
5 x 1482 **Siding 3/8 x 3-1/2 x 42-5/8"**

Hardware

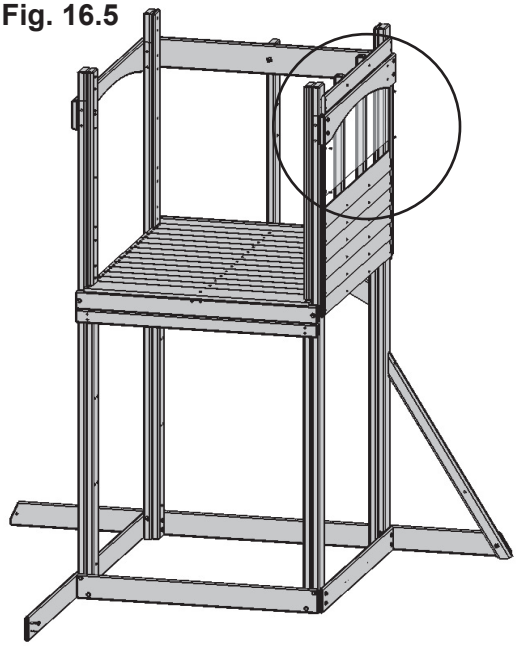
2 x S2 **#8 x 1-1/2" Wood Screw**
20 x S0 **#8 x 7/8" Truss Screw**

Step 16: Front Window Wall Assembly Part 3

F: Loosen bolts in (2590) Top Front Back then from the inside of the assembly, place 1 Window Mesh against (2590) Top Back Front, there will be a small gap above (1482) Siding. Attach to (2590) Top Back Front with 8 evenly spaced (S5) #8 x 1/2" Pan Screws (with #8 flat washer) as shown in fig. 16.5 and 16.6, make sure the mesh is tucked in and then retighten bolts.

G: From the outside of the assembly attach Window Mesh to each (1400) Post with 2 (S5) #8 x 1/2" Pan Screw (with #8 flat washer) per post. (fig. 16.7)

Fig. 16.5



Make sure Window Mesh is centred in opening so there is an overhang on each side.

Fig. 16.6
Inside View

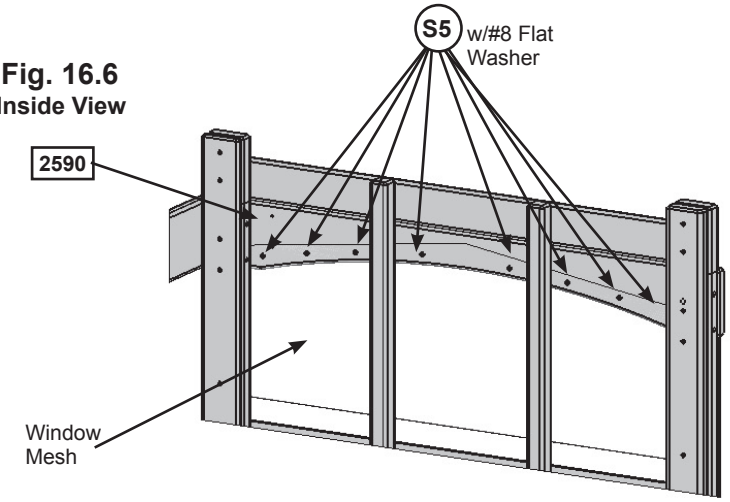
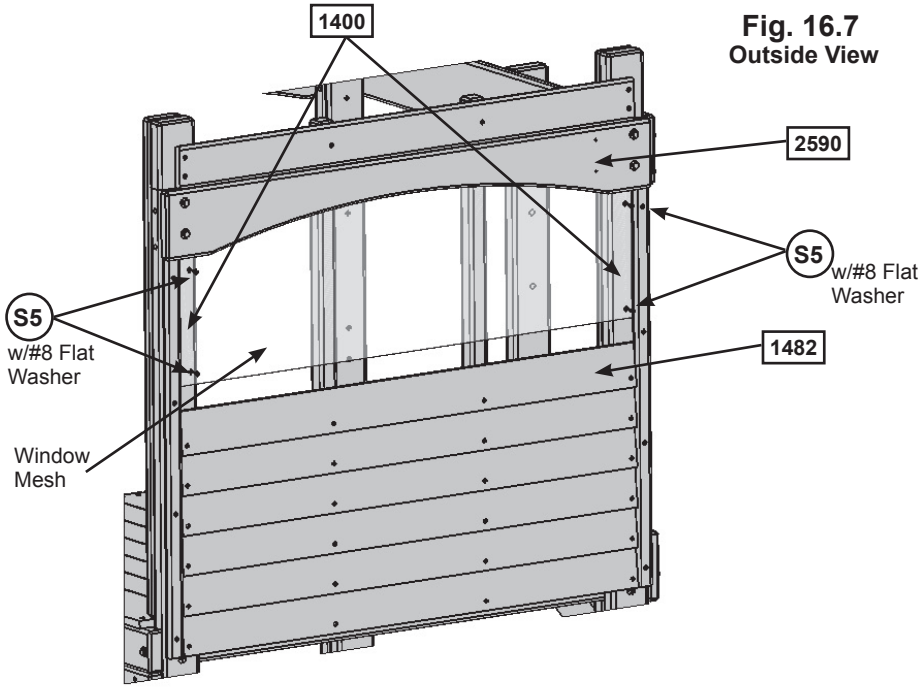


Fig. 16.7
Outside View



Hardware

12 x (S5) #8 x 1/2" Pan Screws (#8 flat washer)

Other Parts

1 x Window Mesh

Step 16: Front Window Wall Assembly Part 4

H: On the outside of the assembly, tight to the top of (1482) Siding, attach 1 (1412) Window Sill to (1400) Posts and (1417) Window Braces with 6 (S2) #8 x 1-1/2" Wood Screws. Make sure the mesh is smooth and tight. (fig. 16.8 and 16.9)

I: Attach the bottoms of Window Mesh to (1412) Window Sill from the inside of the assembly with 8 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). Make sure the mesh is smooth and tight. (fig. 16.10)

J: Place 2 (1419) Window Dividers, in the opening between (2590) Top Back Front and (1412) Window Sill then attach with 2 (S2) #8 x 1-1/2" Wood Screws per divider. Make sure the angled tip of (1419) Window Dividers point to the centre of the opening. (fig. 16.9)

Fig. 16.8

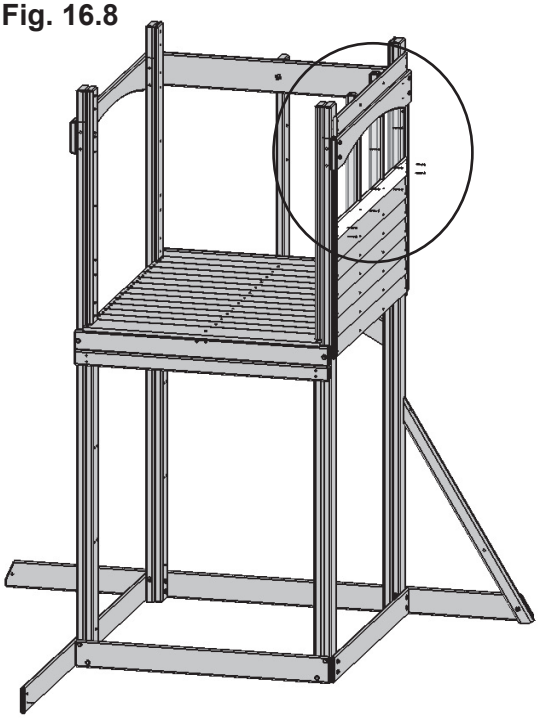


Fig. 16.9
Outside View

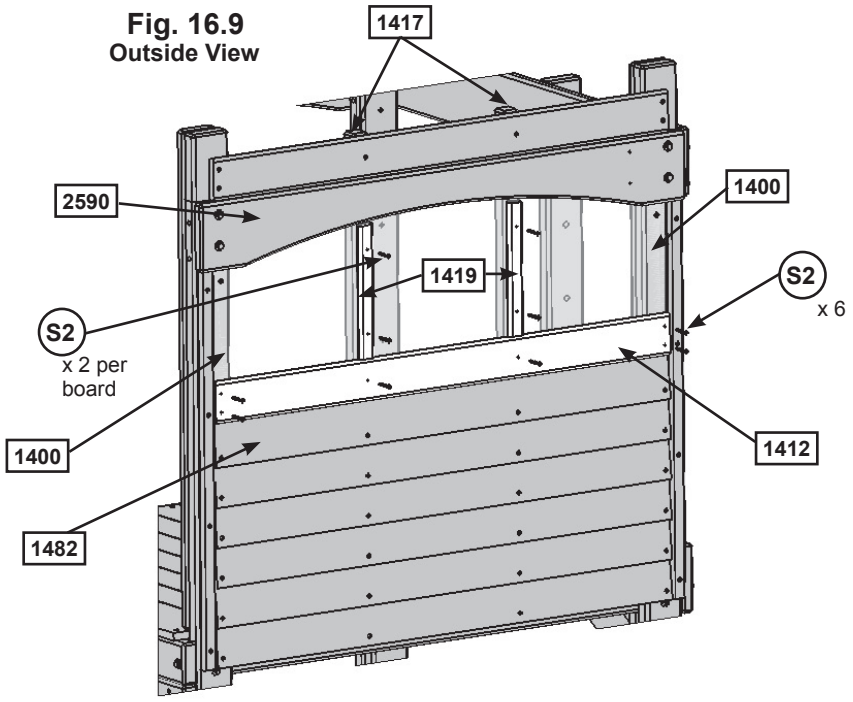
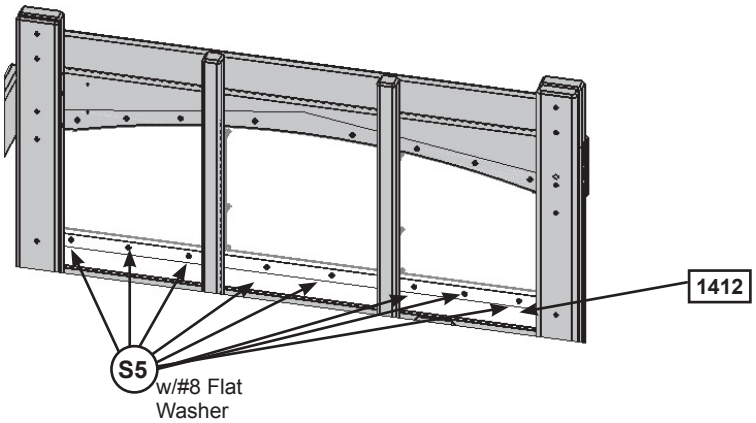


Fig. 16.10
Inside View



Wood Parts

1 x 1412 **Window Sill 1 x 4 x 42-5/8"**
2 x 1419 **Window Divider 1 x 2 x 10-3/4"**

Hardware

10 x S2 **#8 x 1-1/2" Wood Screw**
8 x S5 **#8 x 1/2" Pan Screws (#8 flat washer)**

Step 17: Attach Flower Box

A: In the centre and top of the lower (1412) Window Sill attach Flower Box with 2 (S5) #8 x 1/2" Pan Screw. (fig. 17.1 and 17.2)

Fig. 17.1

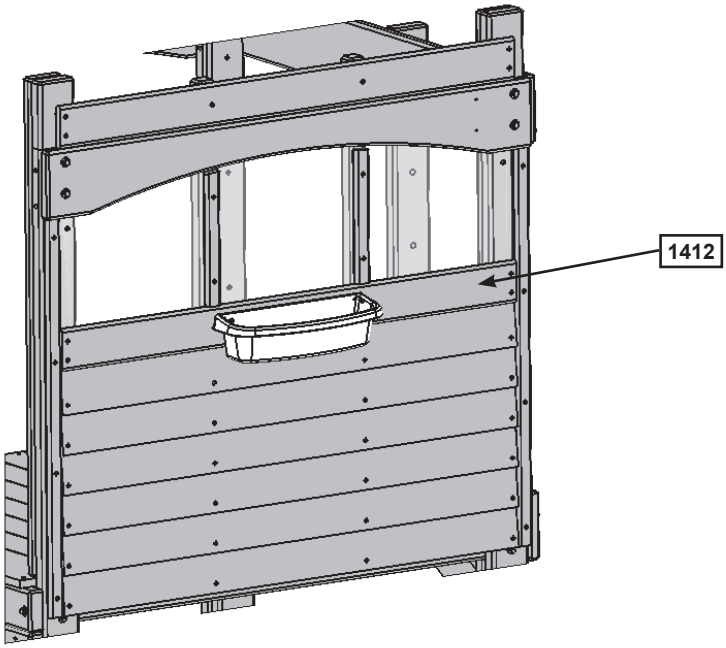
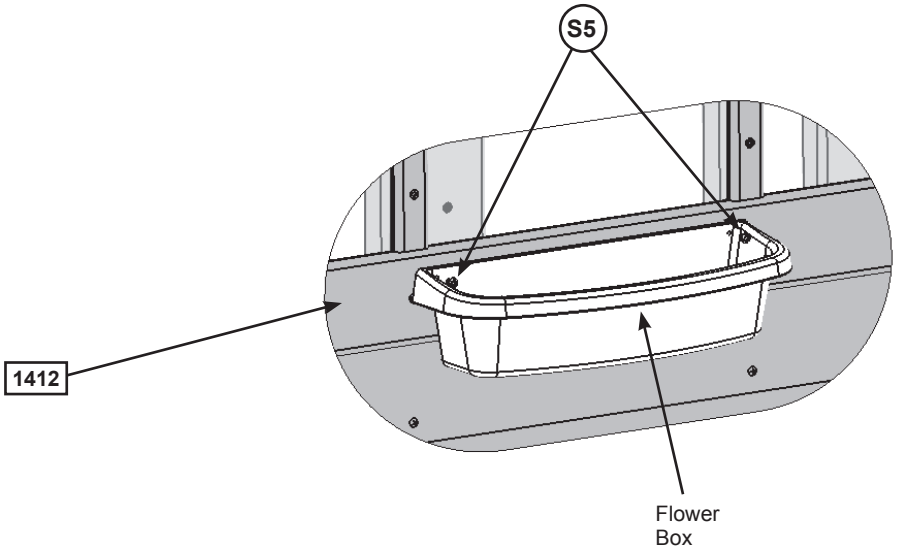


Fig. 17.2



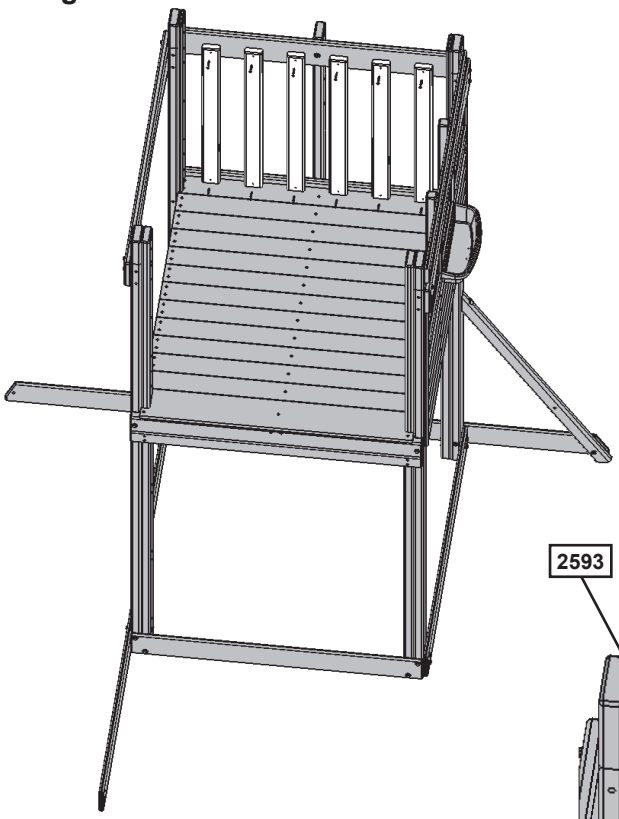
Hardware	Other Parts
2 x (S5) #8 x 1/2" Pan Screws	1 x Flower Box

Step 18: Attach Pickets to Swing Wall

A: Starting at 1 (2593) Post Support on the Swing Wall measure 3” then place 1 (1423) Picket, with bevelled edges to the top and facing out and tight to (0839) CE Gap Board, then attach to (0436) SW Top and (0437) SW Floor with 2 (S15) #8 x 1-3/4” Wood Screws. Follow with 2 more (1423) Pickets, each 3” apart. Repeat starting at the other (2593) Post Support. (fig. 18.1 and 18.2)

Fig. 18.1

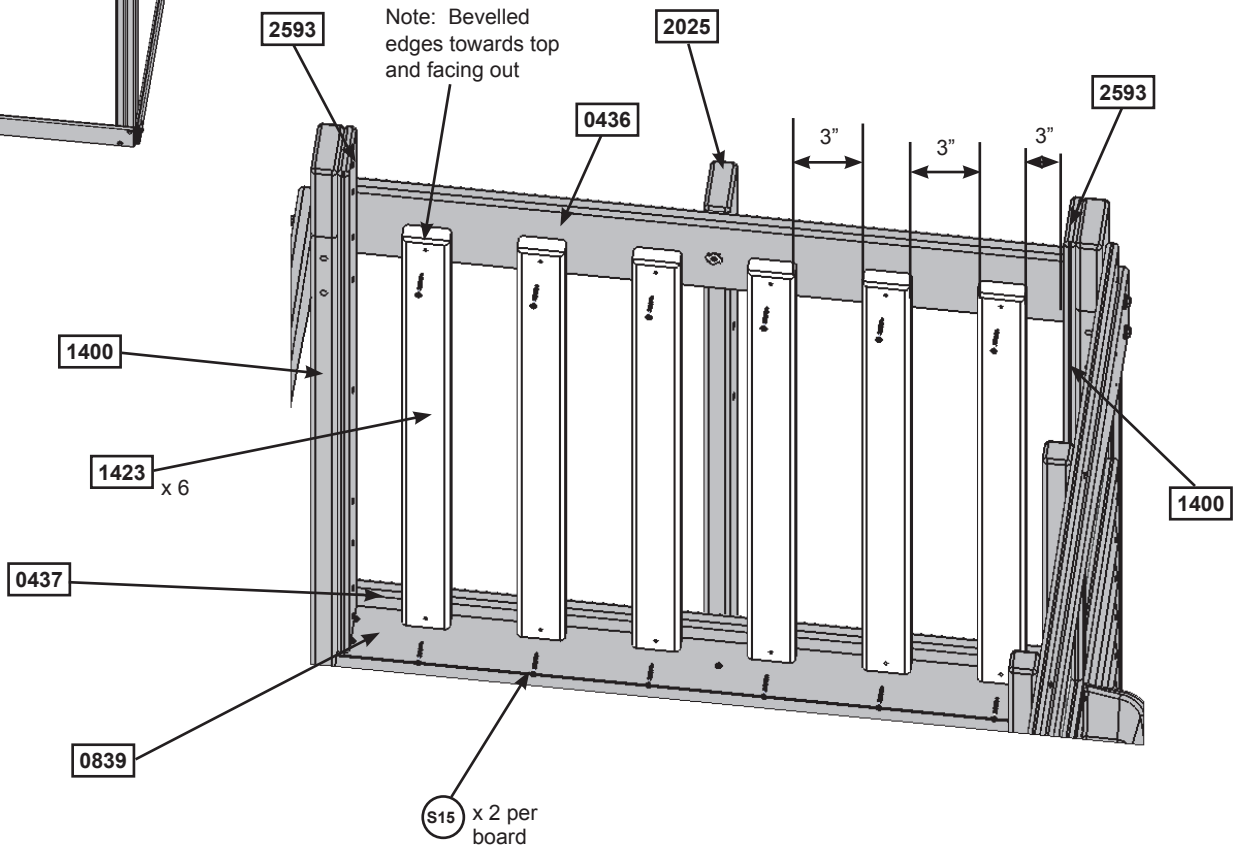
Swing Wall



Note: Gaps between boards not to exceed 3-1/4”

Fig. 18.2

Inside View



Wood Parts

6 x 1423 **Pickets 5/4 x 3 x 32”**

Hardware

12 x S15 **#8 x 1-3/4” Wood Screw**

Step 19: Attach Window Sill to Back Wall

A: Tight to the top (2590) Top Back Front on the Back Wall and 1-3/8” from the outside edge of each (1404) Roof Block attach (1412) Window Sill to (1404) Roof Blocks with 4 (S2) #8 x 1-1/2” Wood Screws. (fig. 19.1 and 19.2)

Fig. 19.1

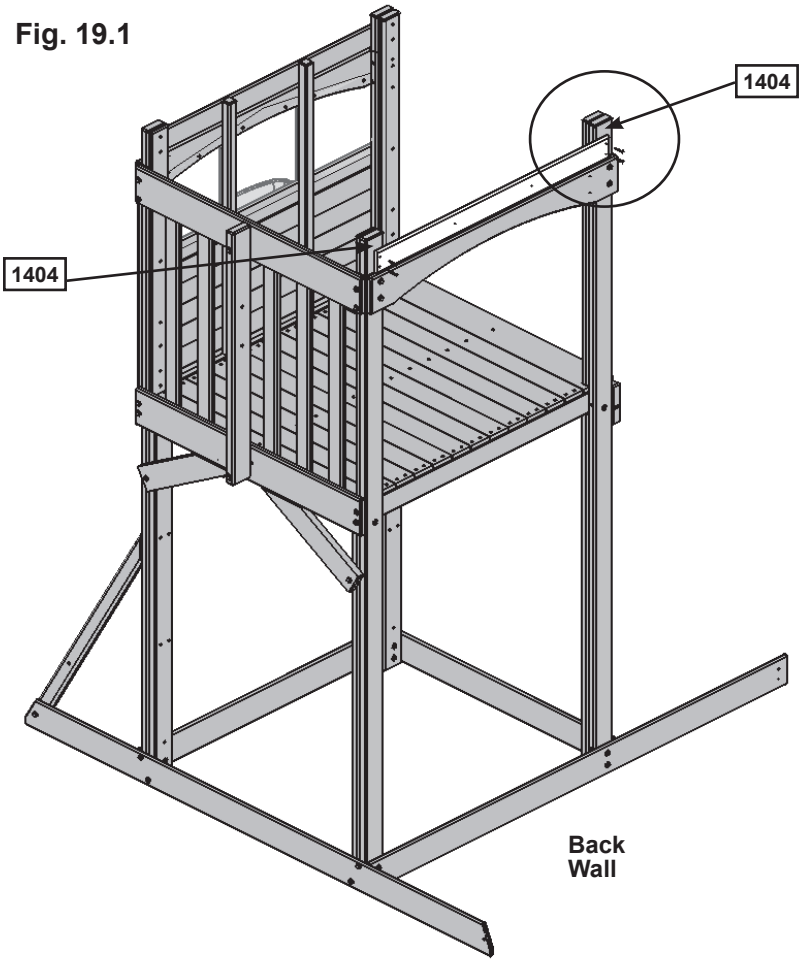
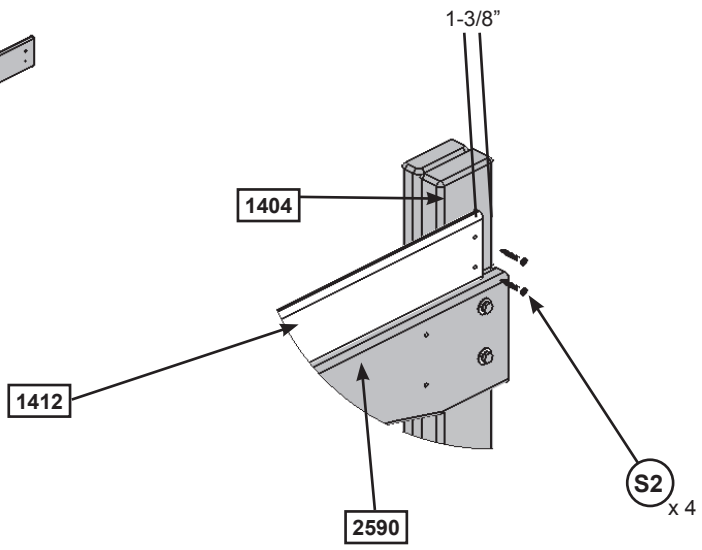


Fig. 19.2



Wood Parts

1 x 1412 **Window Sill 1 x 4 x 42-5/8”**

Hardware

4 x S2 **#8 x 1-1/2” Wood Screw**

Step 20: Attach Roof to Fort

A: With at least 2 helpers lift roof onto fort at Slide Wall side of the fort. (1434) Roof Side should be on the Slide Wall and (2595) Side Roof Should be on the Swing Wall. Dormer Windows should be on the Front Wall. (fig. 20.1)

B: Attach (1434) Roof Side and (2595) Side Roof to (1404) Roof Blocks with 1 (H6) 1/4 x 4-3/4" Hex Bolt (with lock washer, flat washer and t-nut) per corner. (fig. 20.1 and 20.2)

Fig. 20.1

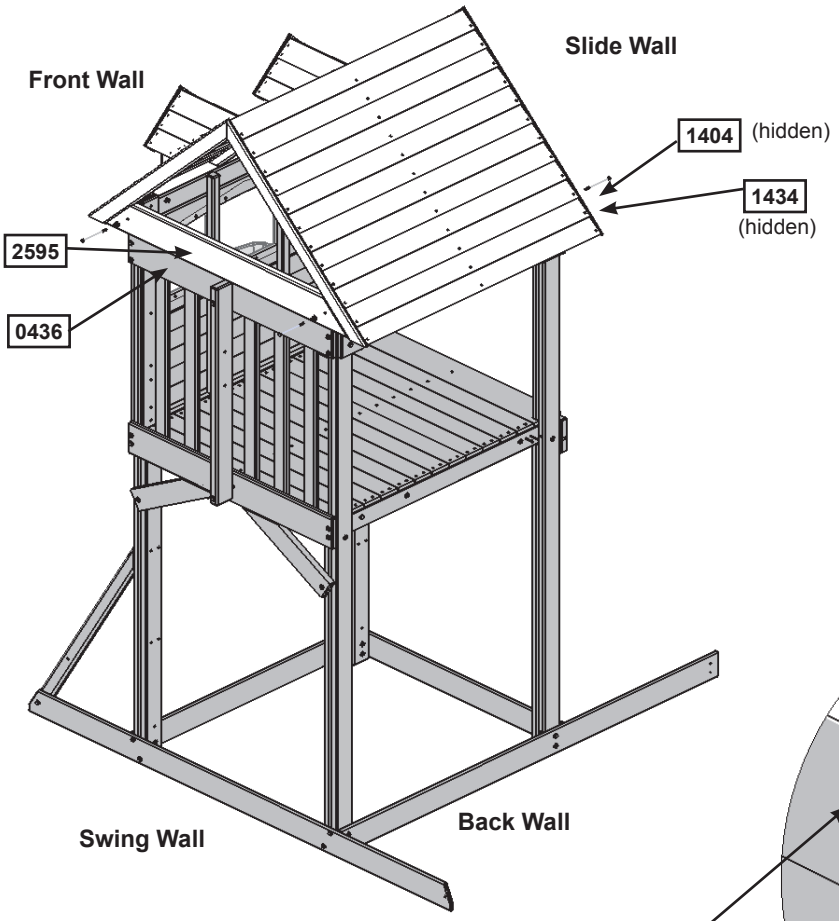
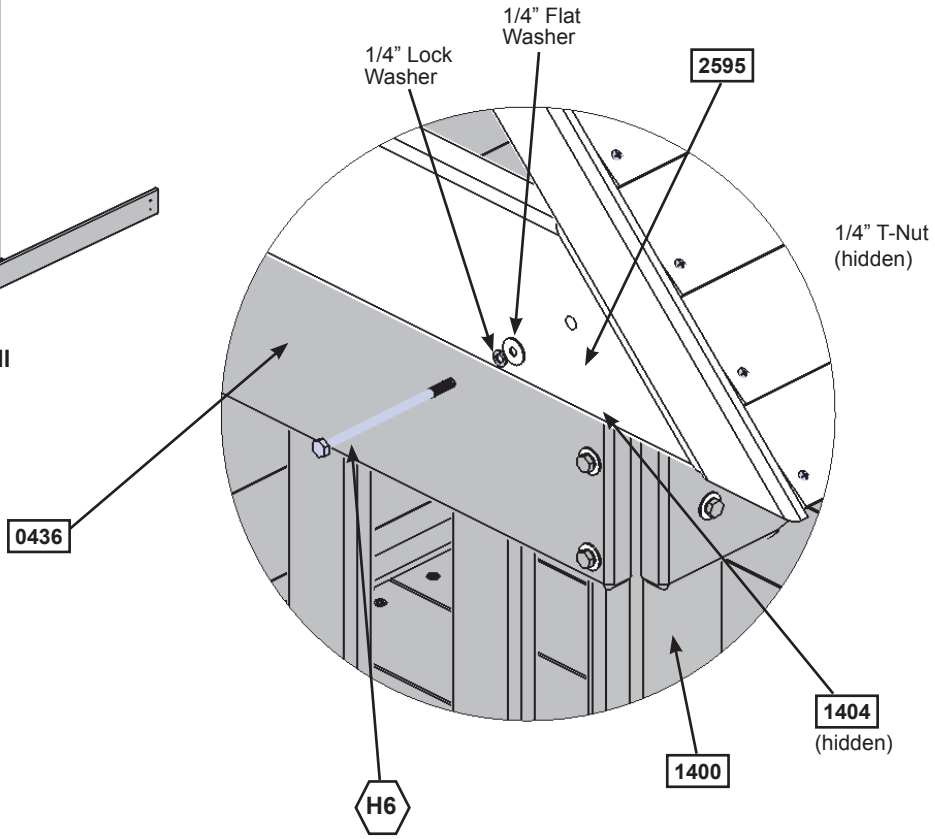


Fig. 20.2



Hardware

4 x (H6) 1/4 x 4-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 21: Attach Gable Boards and Tarp Part 1

A: With the assistance from a helper, from the inside of the Roof Assembly attach (1431) Centre Gable Board to the peak of the Roof Support Assembly; centre on (1430) Sunburst and (1434) Roof Side with 3 (S2) #8 x 1-1/2" Wood Screws. Make sure (1430) Sunburst is centred lengthwise on (1434) Roof Side. The end with the single hole is towards the top of the board. (fig. 21.1 and 21.2)

B: Tight to the sides of (1431) Centre Gable Board and tight to the top of (1434) Roof Side attach 2 (1432) Gable Board A to (1430) Sunburst and each (1424) Roof Support with 2 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 21.1 and 21.2)

C: Directly above the (1432) Gable Board A and tight to the sides of (1431) Centre Gable Board, attach 2 (1433) Gable Board B to (1430) Sunburst and each (1424) Roof Supports with 2 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 21.1 and 21.2)

D: Repeat Steps A-C for Back Wall and (2595) Side Roof. (fig. 21.1 and 21.2)

Fig. 21.1

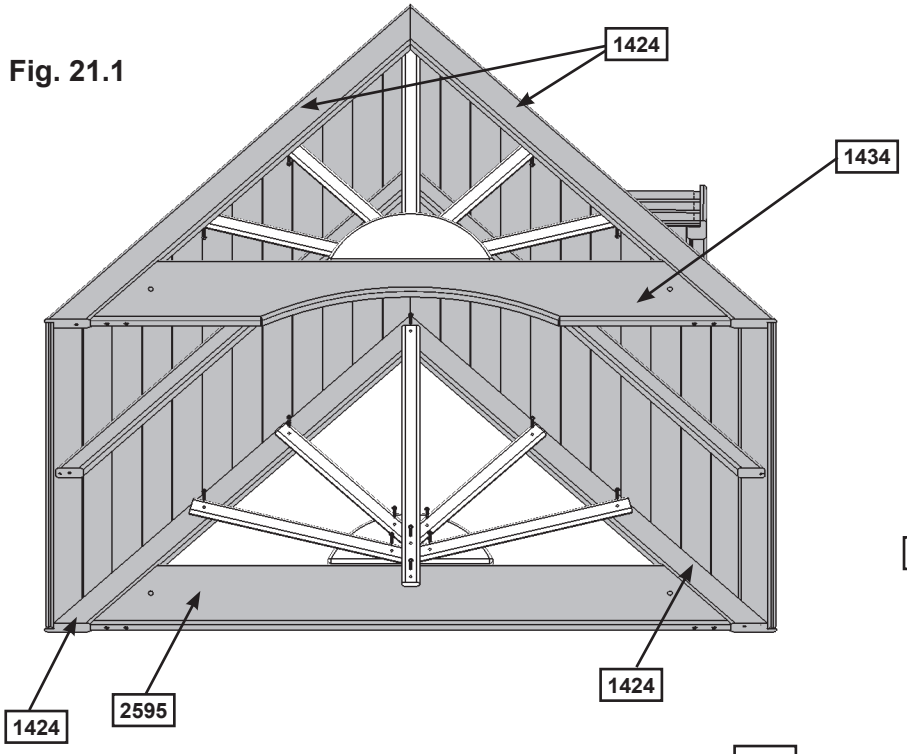
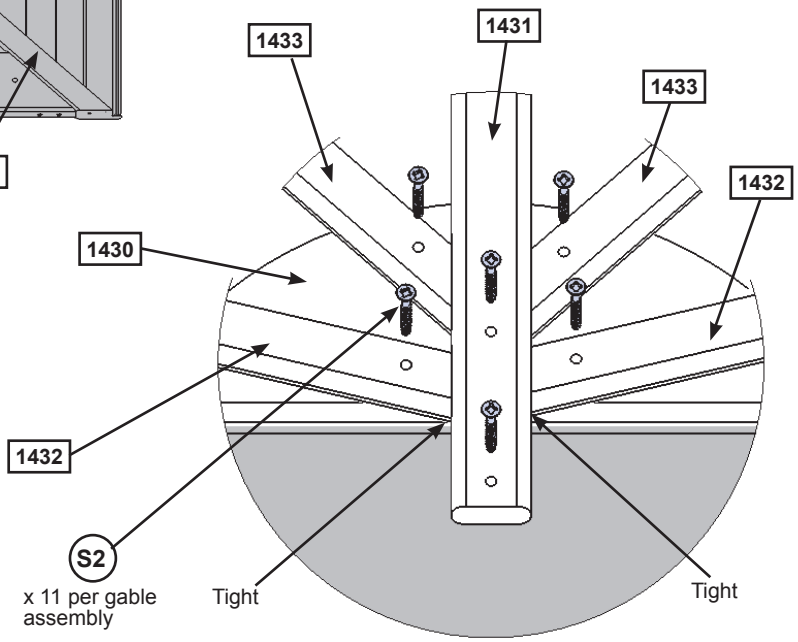


Fig. 21.2



Wood Parts	Hardware
2 x 1431 Centre Gable Board 1 x 2 x 23"	22 x S2 #8 x 1-1/2" Wood Screw
4 x 1432 Gable Board A 1 x 2 x 17"	
4 x 1433 Gable Board B 1 x 2 x 14"	
2 x 1430 Sunburst 5/4 x 5 x 13"	

Step 21: Attach Gable Boards and Tarp Part 2

E: From the inside of the assembly attach the Tarp to each (1424) Roof Support and to (1434) Roof Side with 11 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). Make sure the tarp is smooth and tight before fastening. (fig. 21.3 and 21.4)

F: Repeat Step E for Back Wall and (2595) Side Roof. (fig. 21.3 and 21.4)

Fig. 21.3

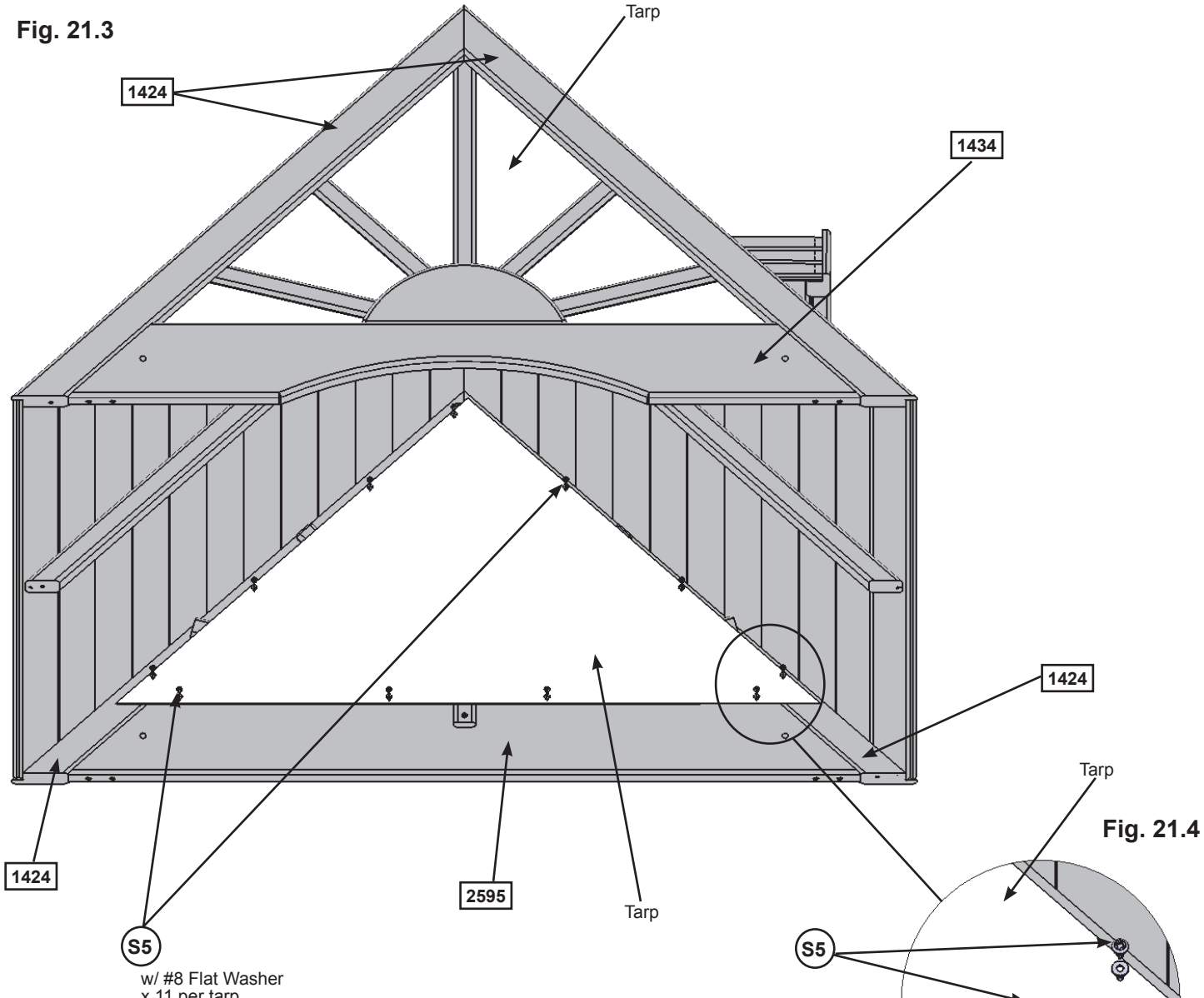
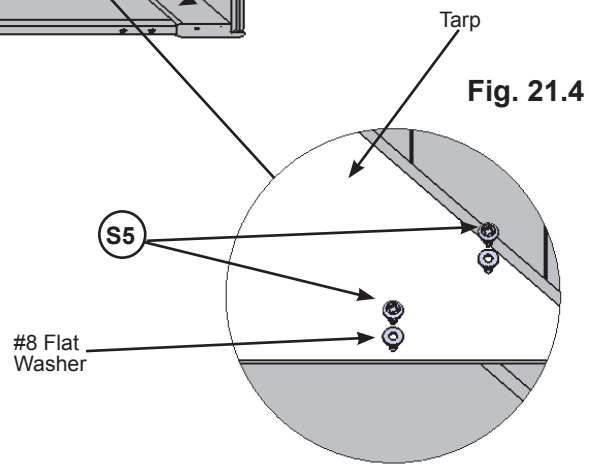


Fig. 21.4



Hardware	Other Parts
22 x (S5) #8 x 1/2" Pan Screw (#8 flat washer)	2 x Tarp

Step 22: Attach Ground Stakes

MOVE FORT TO FINAL LOCATION. FINAL LOCATION MUST BE LEVEL GROUND.

⚠WARNING: To prevent tipping and avoid potential injury, stakes must be driven 10-1/2" into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

A: Drive 2 (0318) Ground Stakes 10-1/2" into the ground tight to 2 (1400) Posts as shown in fig. 22.1. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake. (fig. 22.2)

Fig. 22.1

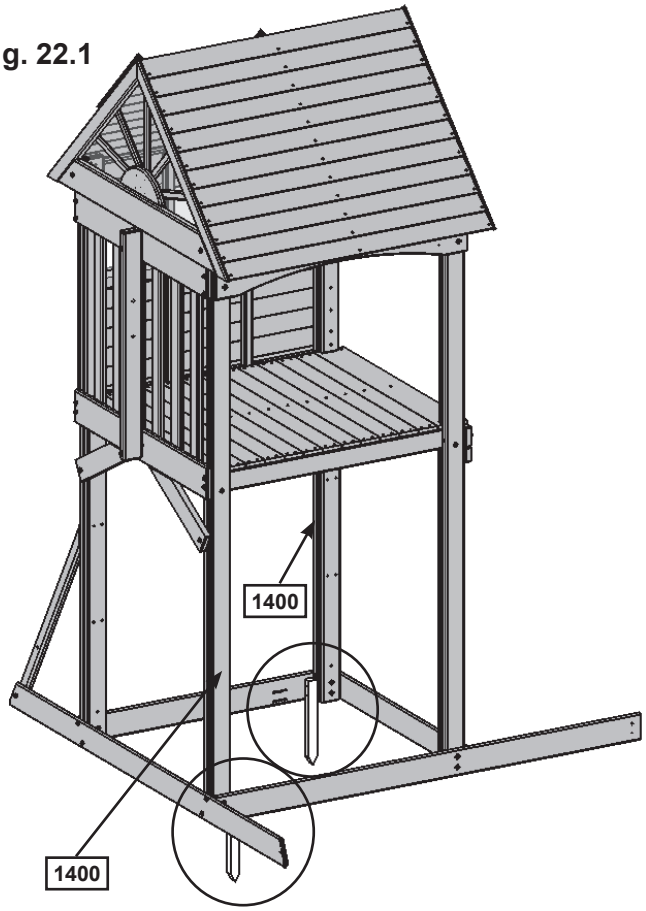
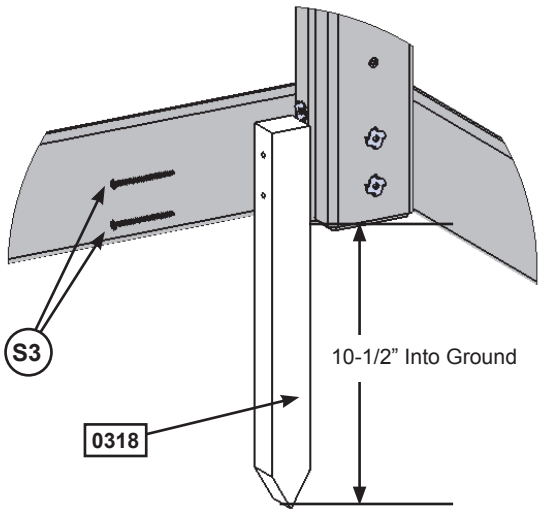


Fig. 22.2



Wood Parts

2 x [0318] Ground Stake 1-1/4 x 1-1/2 x 14"

Hardware

4 x (S3) #8 x 2-1/2" Wood Screw

Step 23: Lower Slide Wall Assembly Part 1

Note: Pre-drill all holes using a 1/8” drill bit before installing the Lag Screws.

A: Tight to the top of (1406) Ground SL Side and flush to the outside edges of both (1400) Posts on the Slide Wall side attach 6 (1930) Siding to each post with 2 (S0) #8 x 7/8” Truss Screws per board, as shown in fig. 23.1 and 23.2. Make sure there are no gaps between boards.

B: Tight to the top (1930) Siding and flush to outside edges of both (1400) Posts attach (0968) Middle Top to each post with 2 (LS1) 1/4 x 1-1/2” Lag Screws. (fig. 23.1 and 23.2)

Fig. 23.1

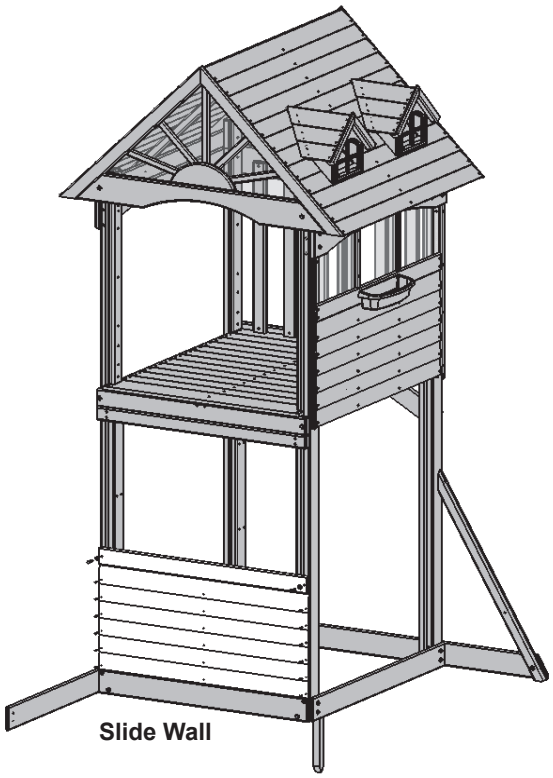
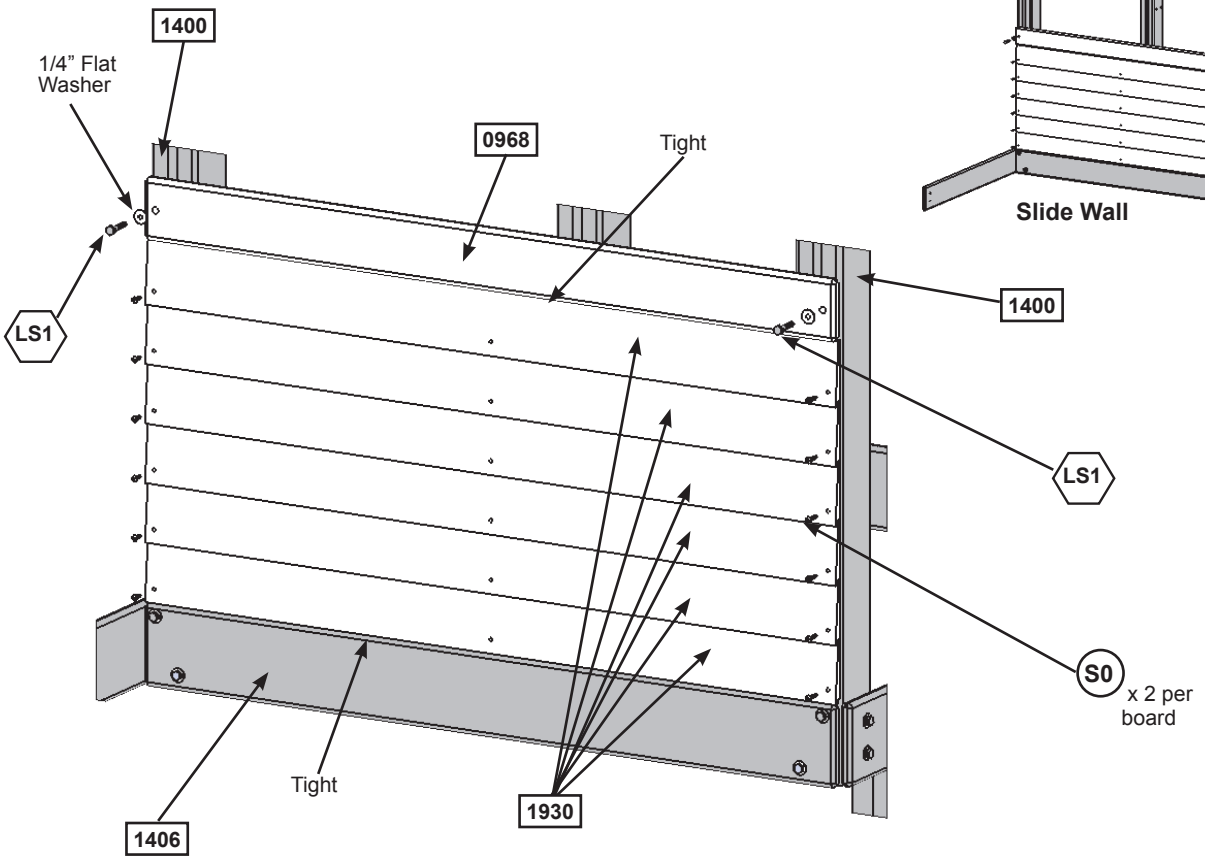


Fig. 23.2



Wood Parts

- 6 x 1930 Siding 3/8 x 3-1/2 x 41-1/2”
- 1 x 0968 Middle Top 1 x 4 x 41-1/2”

Hardware

- 12 x S0 #8 x 7/8” Truss Screw
- 2 x LS1 1/4 x 1-1/2” Lag Screw (1/4” flat washer)

Step 23: Lower Slide Wall Assembly Part 2

C: From inside the assembly place 1 (1858) Short Wall Support over the pilot holes of the (1930) Siding, the top should be flush to the top of (0968) Middle Top then attach to (1406) Ground SL Side and (0968) Middle Top with 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 23.4)

D: From outside of the assembly attach (1858) Short Wall Support to each (1930) Siding with 1 (S0) #8 x 7/8" Truss Screws per siding. (fig. 23.3 and 23.5)

Fig. 23.4
Inside View

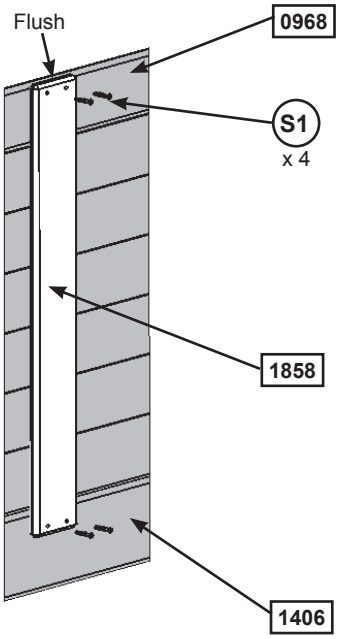
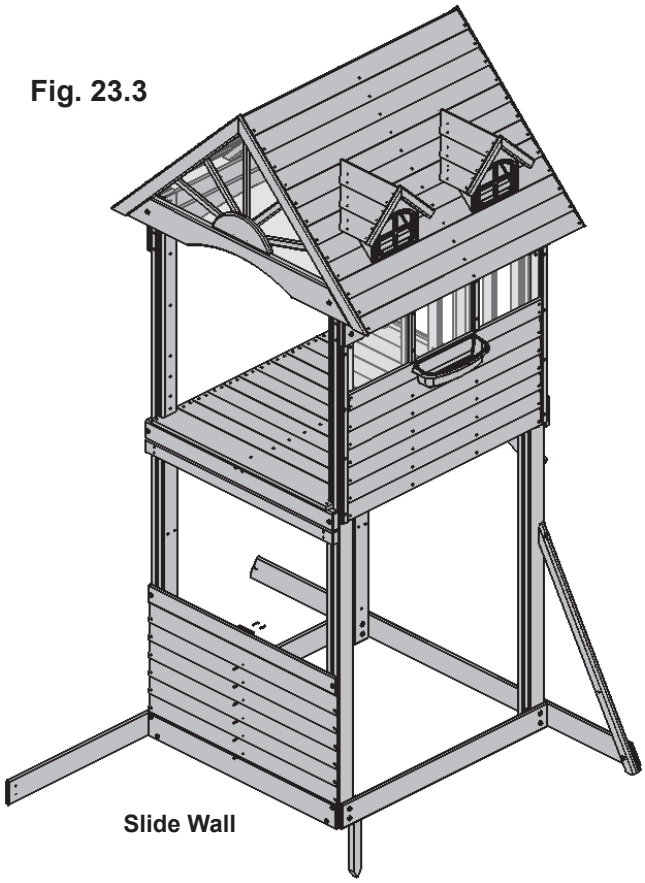
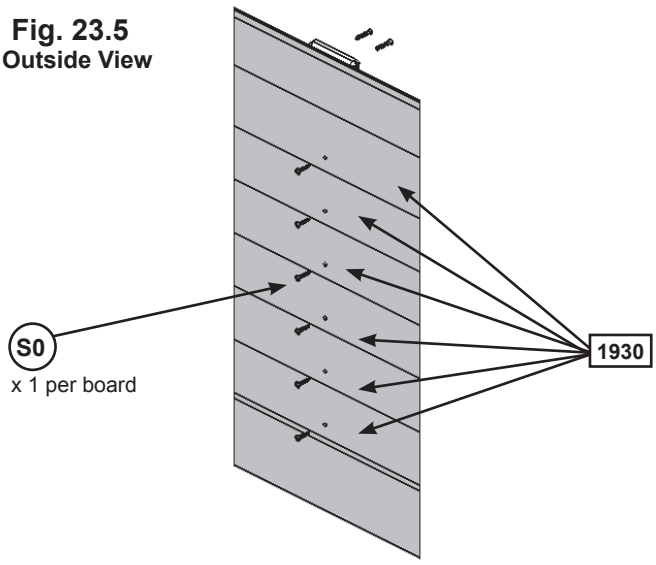


Fig. 23.3



Slide Wall

Fig. 23.5
Outside View



Wood Parts

1 x 1858 **Short Wall Support 1 x 4 x 24-1/4"**

Hardware

4 x S1 **#8 x 1-1/8" Wood Screw**

6 x S0 **#8 x 7/8" Truss Screw**

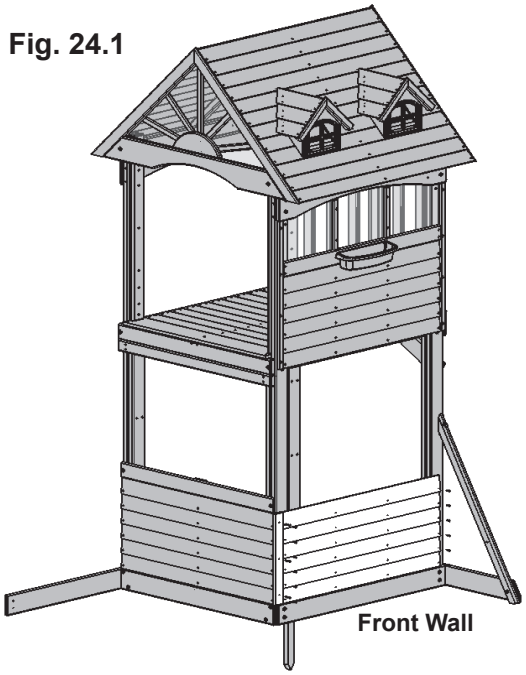
Step 24: Lower Front Wall Assembly
Part 1

A: Flush to the outside edge of (1400) Post and tight to the top of (2584) Front Ground attach (1870) Trim Short to (1400) Post with 3 (S2) #8 x 1-1/2" Wood Screws. (fig. 24.1 and 24.2)

B: Tight to top of (2584) Front Ground and tight to (1870) Trim Short attach 6 (1482) Siding to both (1400) Posts with 2 (S0) #8 x 7/8" Truss Screws per board. Make sure there are no gaps between boards. (fig. 24.1 and 24.2)

C: Tight to (1482) Siding and top of (2584) Front Ground attach 1 (1415) Lower Trim to (1400) Post with 3 (S2) #8 x 1-1/2" Wood Screws. (fig 24.3)

Fig. 24.1



Front Wall

Fig. 24.3

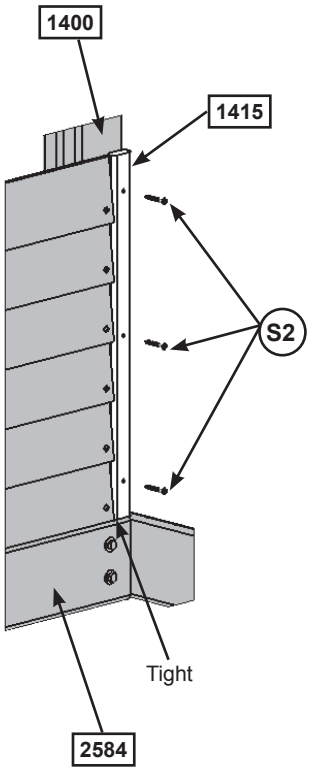
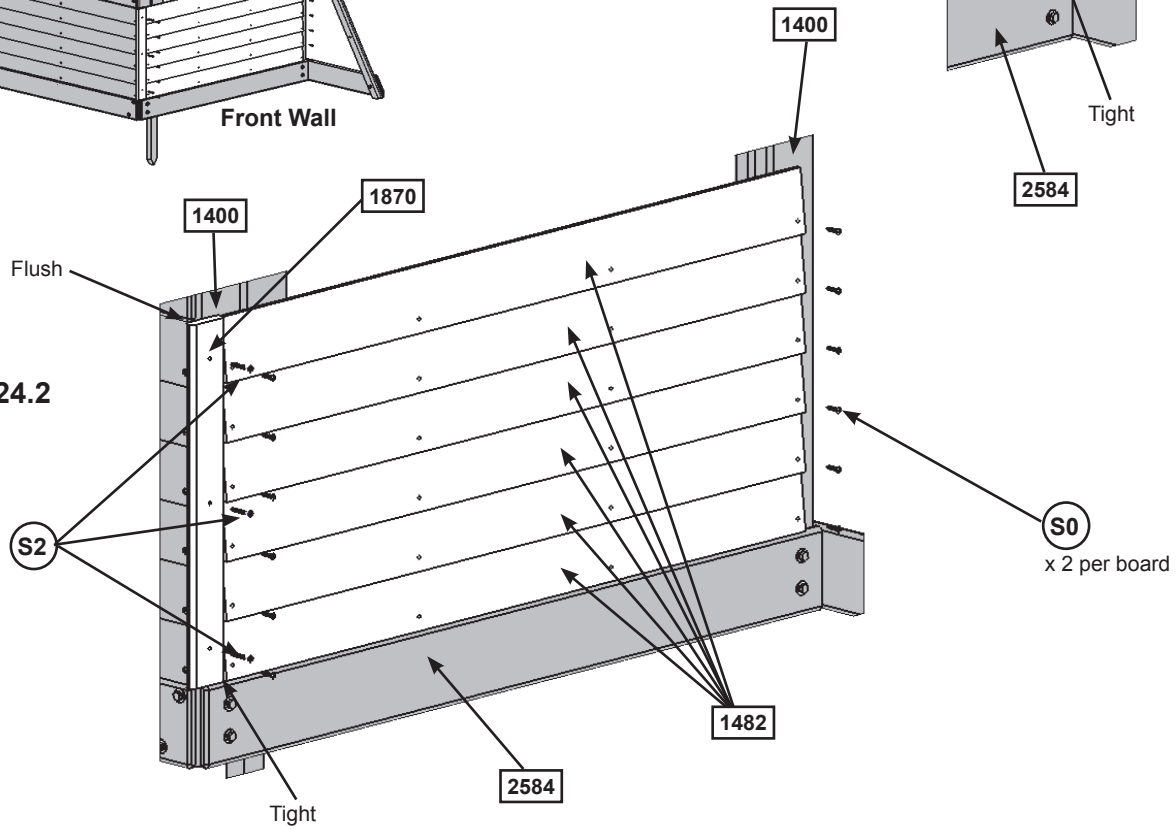


Fig. 24.2



Wood Parts

- 1 x 1870 **Trim Short 1 x 2-1/2 x 19-5/8"**
- 1 x 1415 **Lower Trim 1 x 2 x 19-5/8"**
- 6 x 1482 **Siding 3/8 x 3-1/2 x 42-5/8"**

Hardware

- 12 x S0 **#8 x 7/8" Truss Screw**
- 6 x S2 **#8 x 1-1/2" Wood Screw**

Step 24: Lower Front Wall Assembly Part 2

D: Place (1413) Table Support flush to the notched out extension of (2589) Table Top, as shown in fig. 24.5. then attach using 5 (S7) #12 x 2" Pan Screws.

E: Place Table Top Assembly tight to the top of (1930) Siding, (1415) Lower Trim and (1870) Trim Short. Make sure (1413) Table Support is flush to the outside edges of both (1400) Posts then attach (1413) Table Support to each post with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 24.4 and 24.6)

Note: Pre-drill all holes using a 1/8" drill bit before installing the Lag Screw.

F: Attach (2491) Diagonal to (1400) Post with 1 (LS3) 1/4 x 3" Lag Screw. (fig. 24.7)

Fig. 24.4

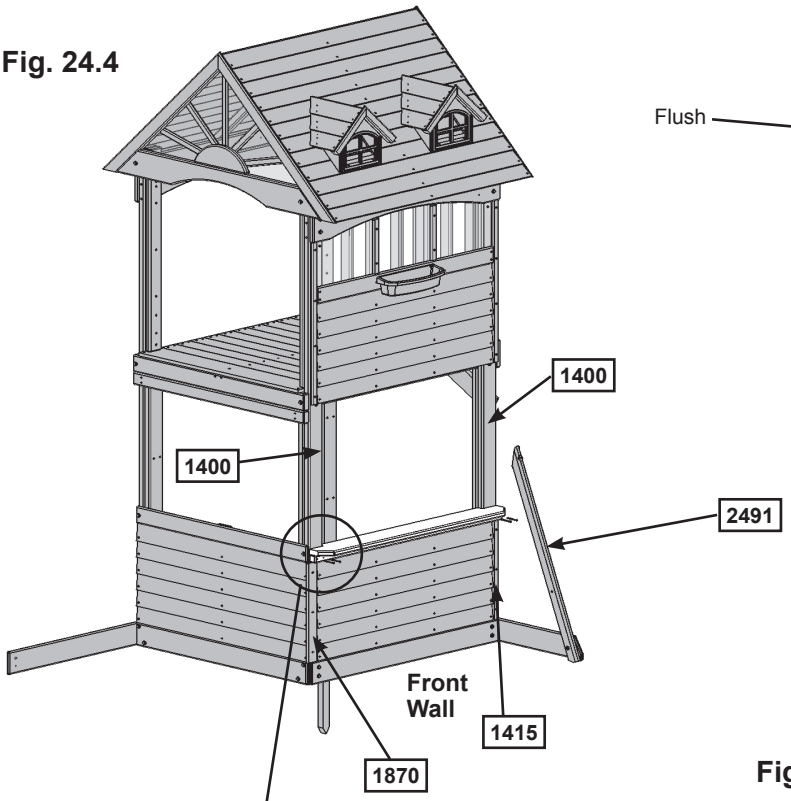


Fig. 24.5

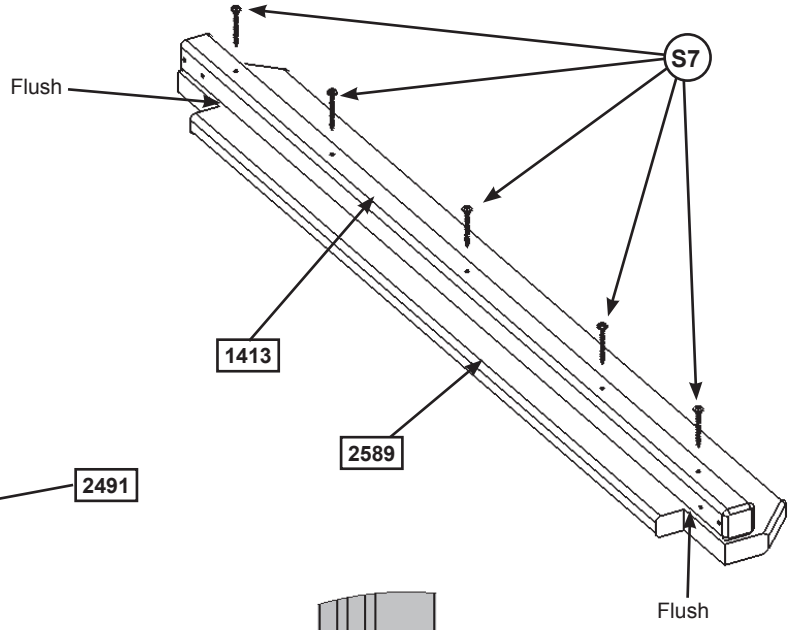


Fig. 24.6

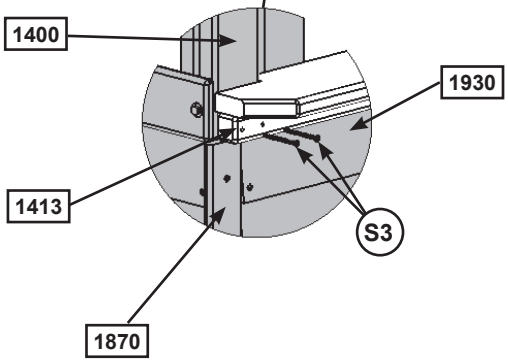
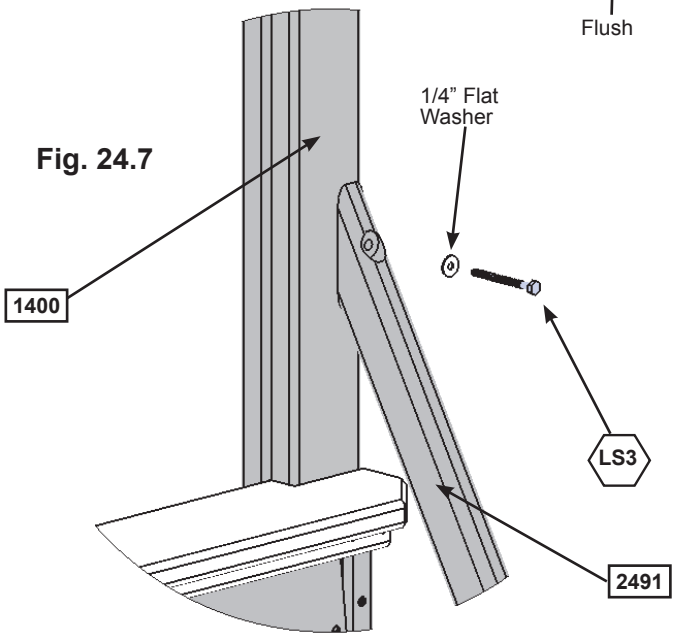


Fig. 24.7



Wood Parts

- 1 x 2589 Table Top 5/4 x 6 x 45-1/2"
- 1 x 1413 Table Support 2 x 2 x 45-1/2"

Hardware

- 4 x S3 #8 x 2-1/2" Wood Screw
- 5 x S7 #12 x 2" Pan Screw
- 1 x LS3 1/4 x 3" Lag Screw (1/4" flat washer)

Step 24: Lower Front Wall Assembly Part 3

G: From inside the assembly tight to the bottom of (2589) Table Top place 2 (1858) Short Wall Supports over the pilot holes of the (1482) Siding then attach to (1413) Table Support and (2584) Front Ground with 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 24.8 and 24.9)

H: From outside of the assembly attach (1858) Short Wall Supports to each (1482) Siding with 2 (S0) #8 x 7/8" Truss Screws per siding. (fig. 24.9)

Fig. 24.8
Inside View

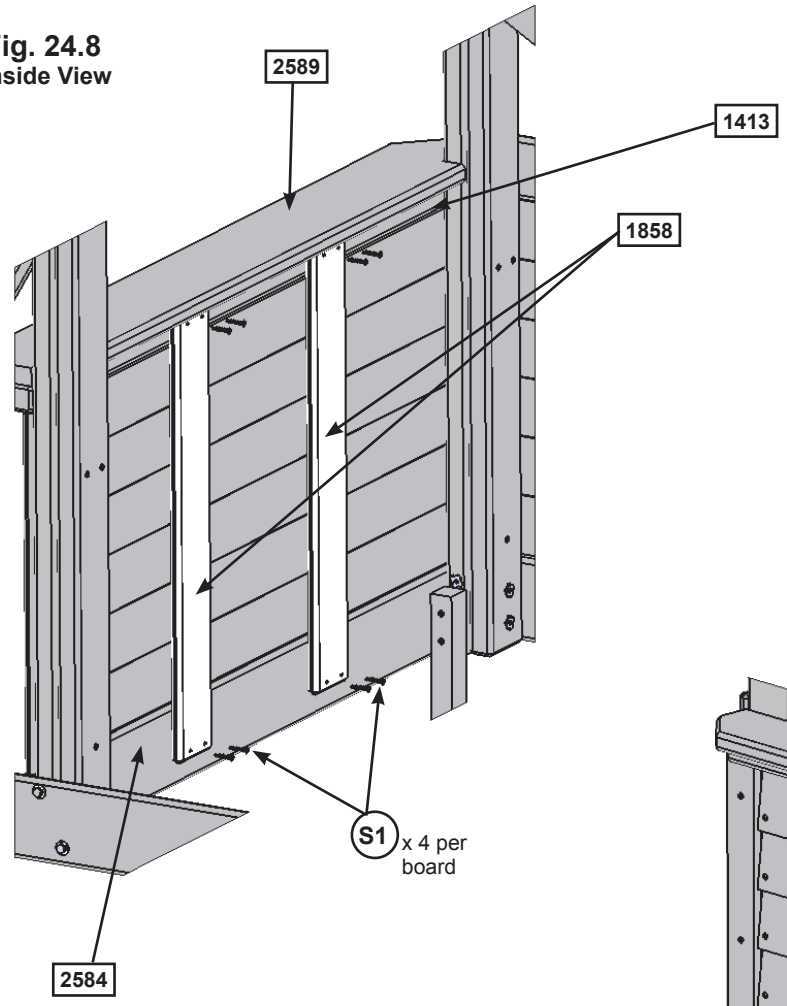
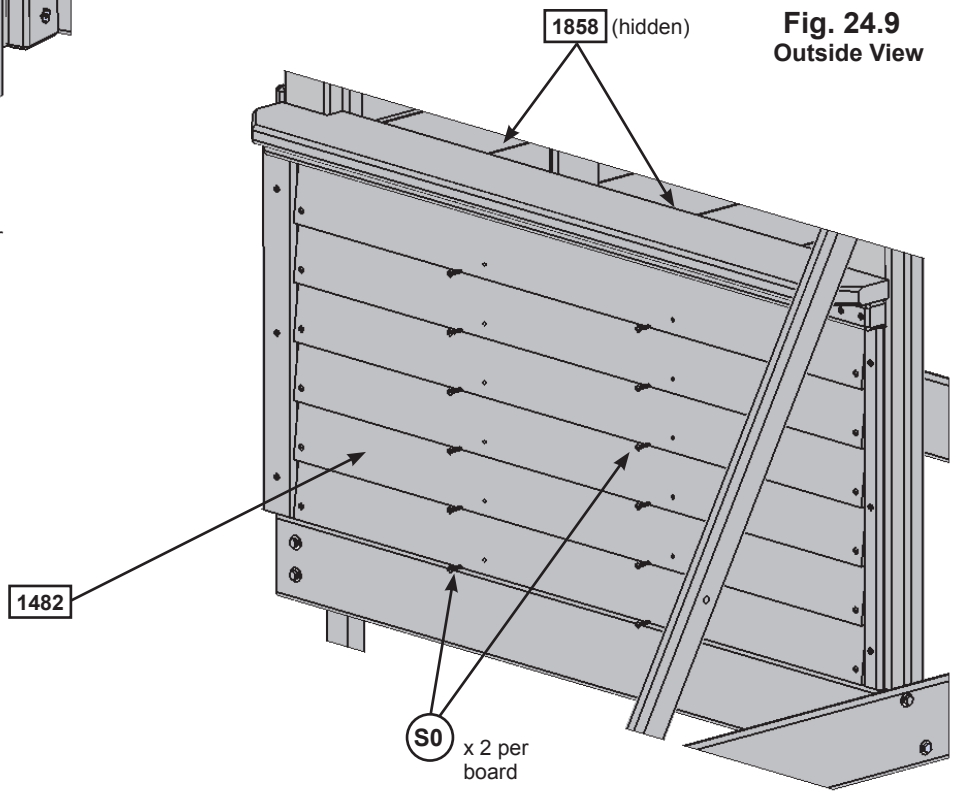


Fig. 24.9
Outside View



Wood Parts

2 x 1858 **Short Wall Support 1 x 4 x 24-1/4"**

Hardware

8 x S1 **#8 x 1-1/8" Wood Screw**

12 x S0 **#8 x 7/8" Truss Screw**

Step 25: Lower Swing Wall Assembly

Note: Pre-drill all holes using a 1/8” drill bit before installing the Lag Screws.

A: Flush to outside edges of both (1400) Posts and flush to the top of (2589) Table Top place and make sure (0968) Middle Top is level then attach to posts with 2 (LS1) 1/4 x 1-1/2” Lag Screws. (fig. 25.1 and 25.2)

Fig. 25.1

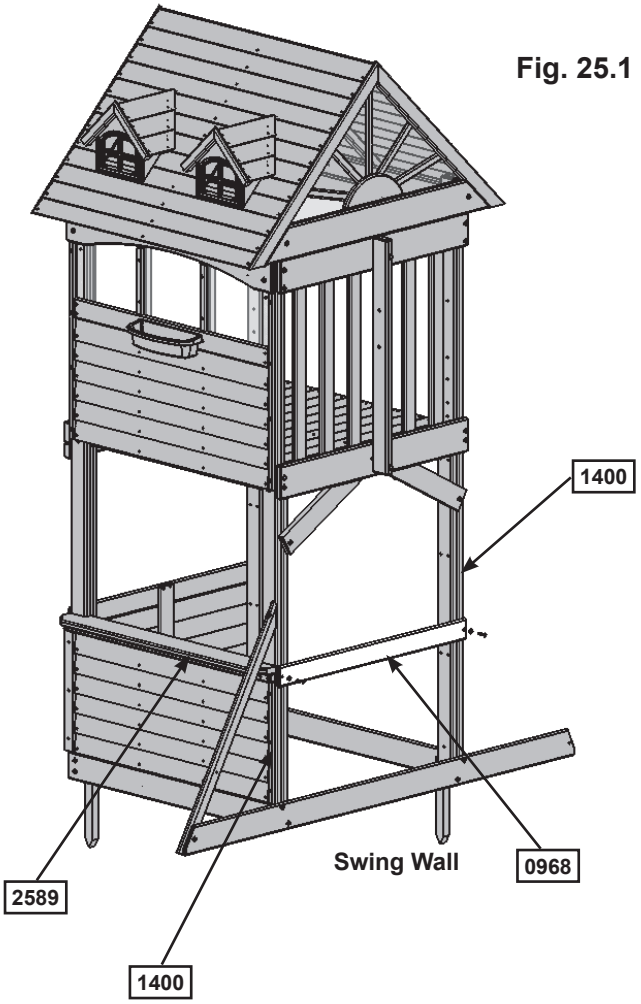
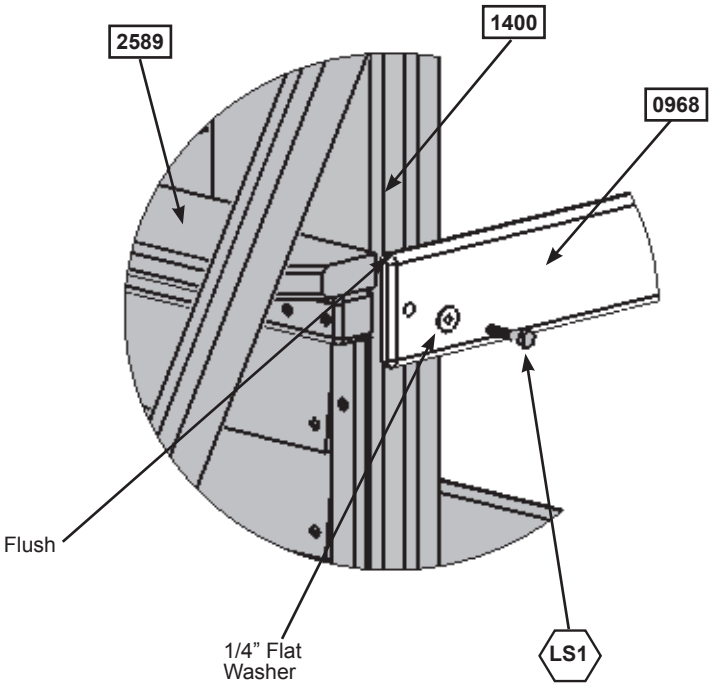


Fig. 25.2



Wood Parts

1 x 0968 Middle Top 1 x 4 x 41-1/2”

Hardware

2 x LS1 1/4 x 1-1/2” Lag Screw (1/4” flat washer)

Step 26: Bench Assembly Part 1

Note: Pre-drill all holes using a 1/8" drill bit before installing the Screws.

A: Place (0398) Bench Brace Top centred under 2 (2592) Bench Tops and attach with 4 (S15) #8 x 1-3/4" Wood Screws, as shown in fig. 26.1.

B: Flush to the top of (2484) Bench Leg place (2578) Seat End, angled corner facing down. Attach with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). Make sure the top of (2578) Seat End is level then attach with 2 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 26.2.

C: Flush to the outside edge of (2484) Bench Leg attach (2591) Bench Support with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut) as shown in fig. 26.2.

Fig. 26.1

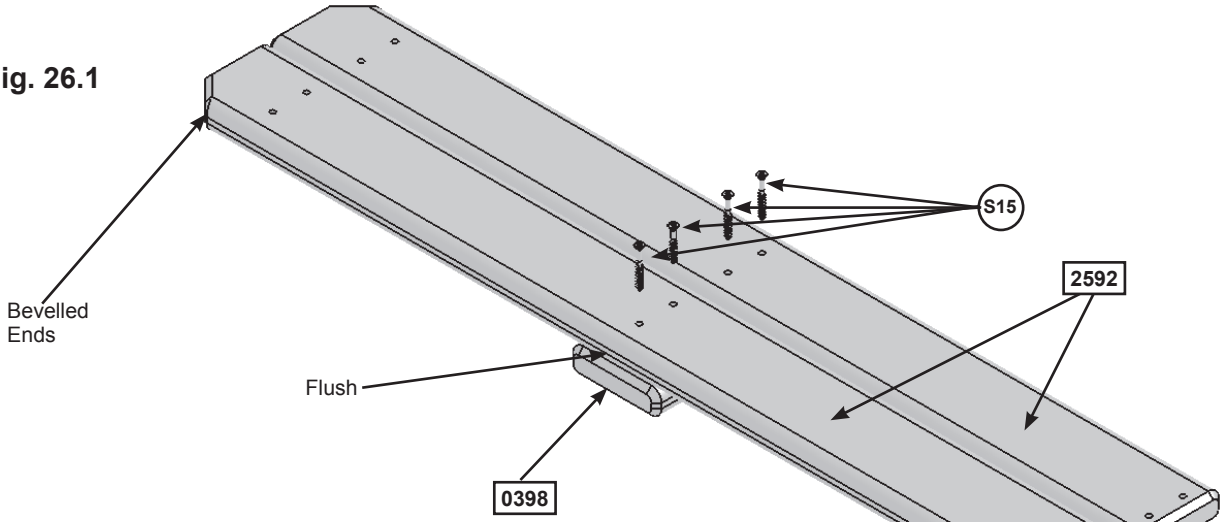
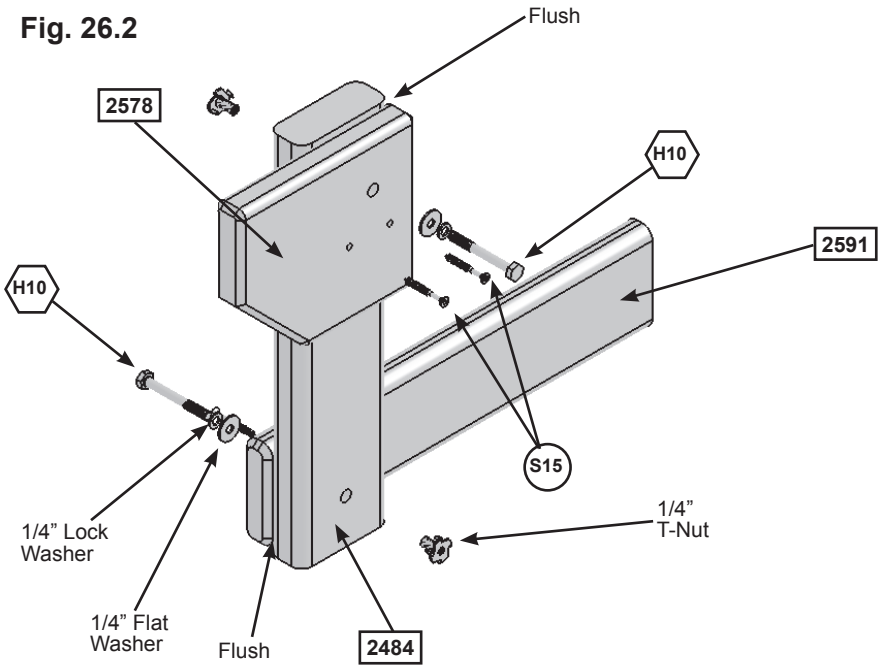


Fig. 26.2



Wood Parts

- 2 x 2592 **Bench Top 5/4 x 4 x 32"**
- 1 x 0398 **Bench Brace Top 5/4 x 4 x 6-1/2"**
- 1 x 2578 **Seat End 5/4 x 6 x 6-1/2"**
- 1 x 2484 **Bench Leg 2 x 4 x 13-1/2"**
- 1 x 2591 **Bench Support 5/4 x 4 x 14-5/32"**

Hardware

- 2 x H10 **1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
- 6 x S15 **#8 x 1-3/4" Wood Screw**

Step 26: Bench Assembly Part 2

Note: Pre-drill all holes using a 1/8" drill bit before installing the Screws.

D: Attach 1 (2578) Seat End to (2491) Diagonal with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). Make sure it is level then attach with 1 (S15) #8 x 1-3/4" Wood Screw. (fig. 26.3 and 26.4)

E: With a helper, using the pilot holes as a guide, place Bench Top assembly from Step A on each (2578) Seat End, bevelled ends to be facing out, then attach with 4 (S15) #8 x 1-3/4" Wood Screws per (2592) Bench Top. (2591) Bench Support to be tight against (2584) Front Ground. (fig. 26.5)

Fig. 26.3

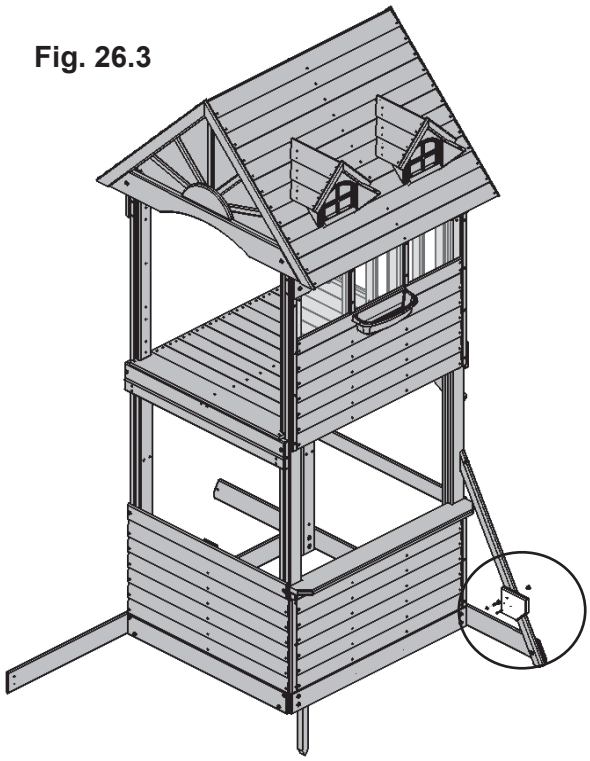


Fig. 26.4

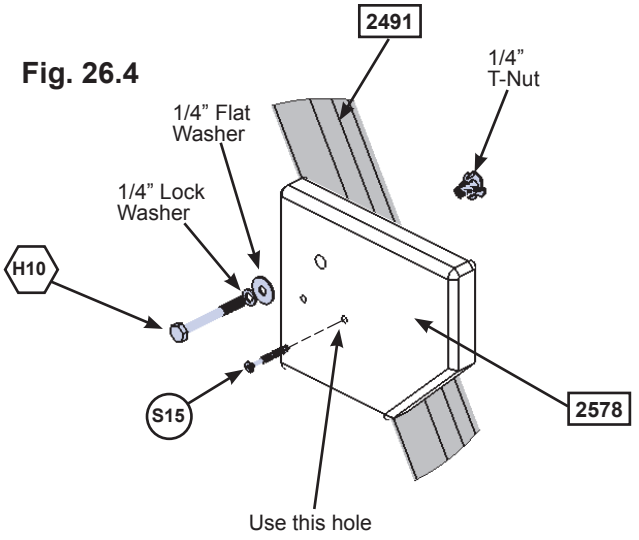
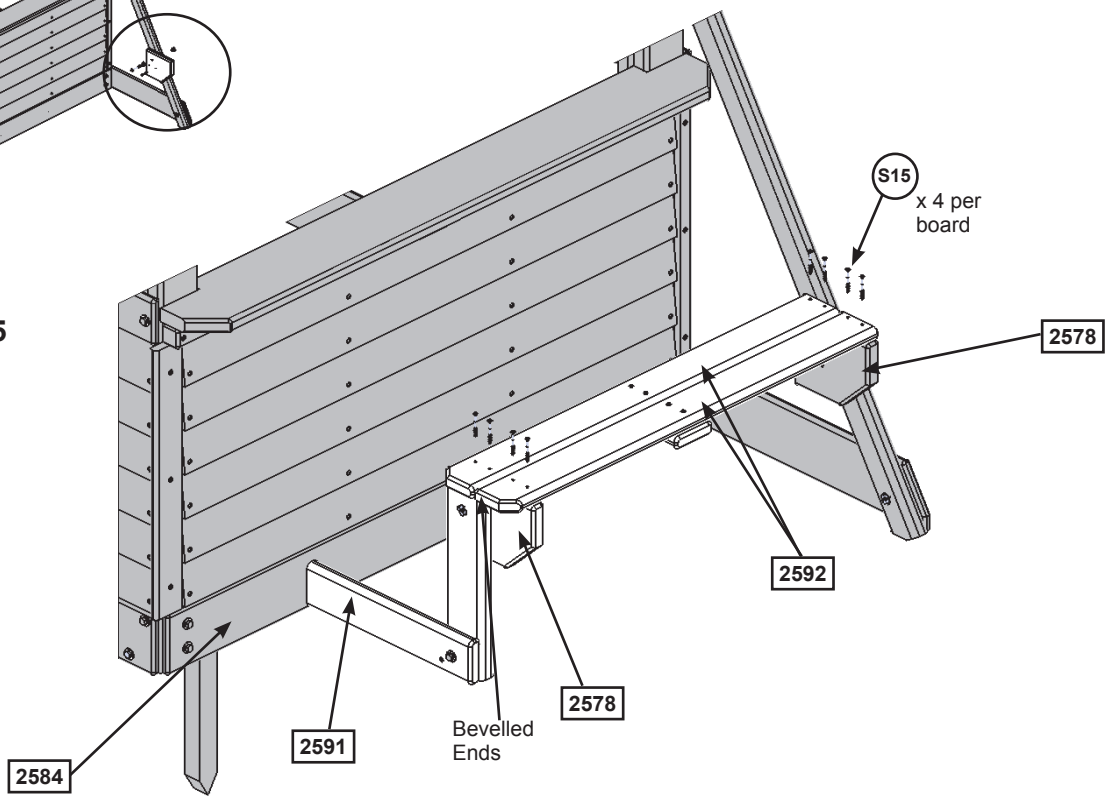


Fig. 26.5



Wood Parts

1 x 2578 **Seat End 5/4 x 6 x 6-1/2"**

Hardware

9 x S15 **#8 x 1-3/4" Wood Screw**

1 x H10 **1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

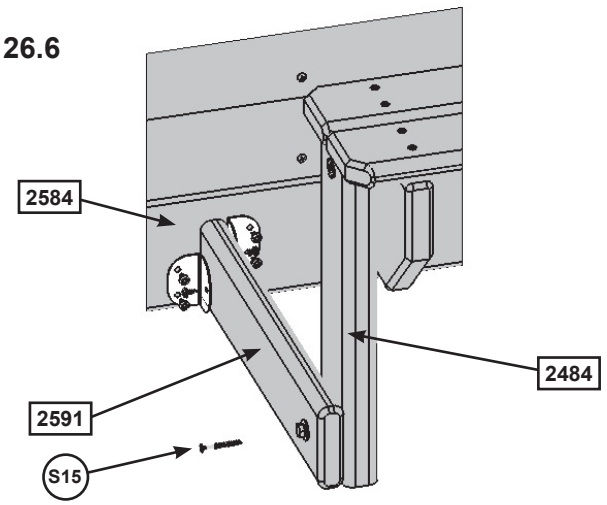
Step 26: Bench Assembly Part 3

F: Attach 2 Corner Brackets to (2584) Front Ground and (2591) Bench Support using 2 (S5) #8 x 1/2" Pan Screws per bracket. Corner Bracket on the inside to be flush to the top of (2591) Bench Support and Corner Bracket on the outside to be flush to the bottom of (2584) Front Ground. (fig. 26.6 and 26.7)

G: Attach (2591) Bench Support to (2484) Bench Leg with 1 (S15) #8 x 1-3/4" Wood Screw. (fig. 26.6)

H: Drive 1 (0318) Ground Stake 10-1/2" into the ground tight to (2491) Diagonal and attach using 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 26.8)

Fig. 26.6



⚠WARNING: To prevent tipping and avoid potential injury, stakes must be driven 10-1/2" into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 26.7

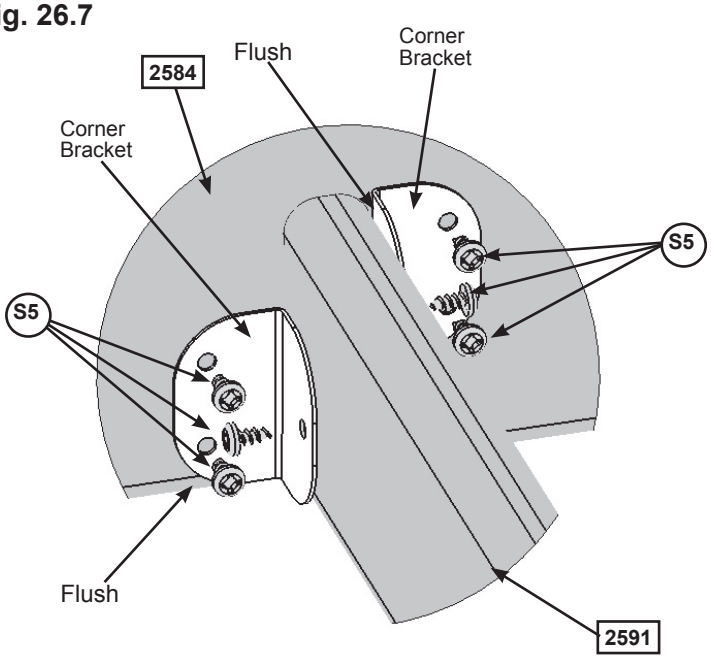
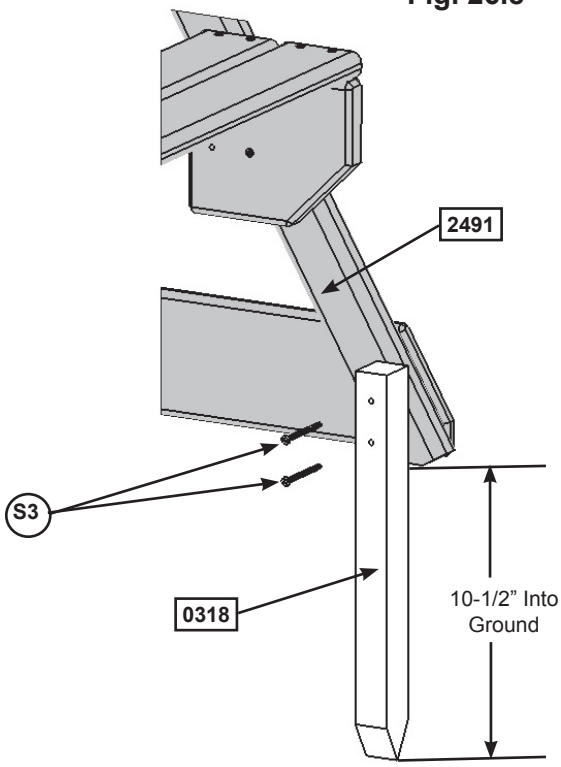


Fig. 26.8



Wood Parts

1 x 0318 **Ground Stake 1-1/4 x 1-1/2 x 14"**

Hardware

6 x S5 **#8 x 1/2" Pan Screw**

2 x S3 **#8 x 2-1/2" Wood Screw**

1 x S15 **#8 x 1-3/4" Wood Screw**

Other Parts

2 x Corner Bracket

Step 27: Attach Access Ladder Rockwall Assembly

Pre-drill all holes using a 1/8" drill bit before installing the Lag Screws.

A: Place the Access Ladder Rockwall from Step 3 on the Back Wall, tight to (1400) Post on the Swing Wall side then attach to (2586) Floor Front Back with 1 (LS1) 1/4 x 1-1/2" Lag Screw (with flat washer) in each Swing Bracket. (fig. 27.1 and 27.2)

B: Place (2583) Block between (2598) Ground SW Side and (2600) Left Access Rail then attach with 1 (H14) 1/4 x 5" Hex Bolt (with lock washer, flat washer and t-nut) from the outside and 1 (S3) #8 x 2-1/2" Wood Screw from the inside. (fig. 27.1, 27.3 and 27.4)

Fig. 27.2

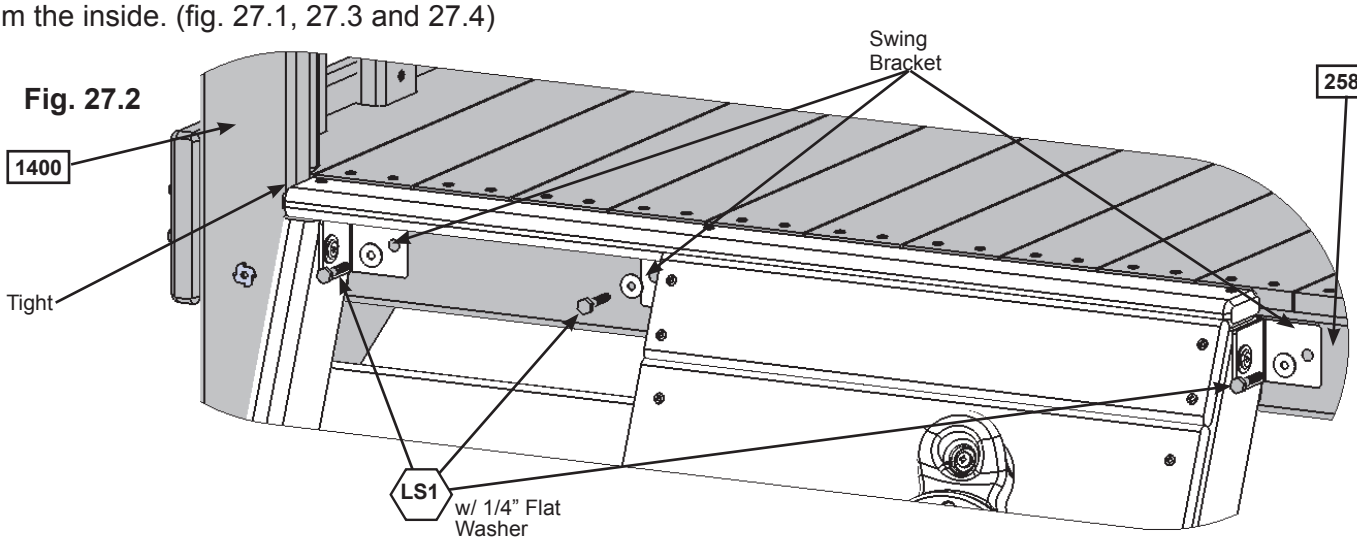


Fig. 27.3

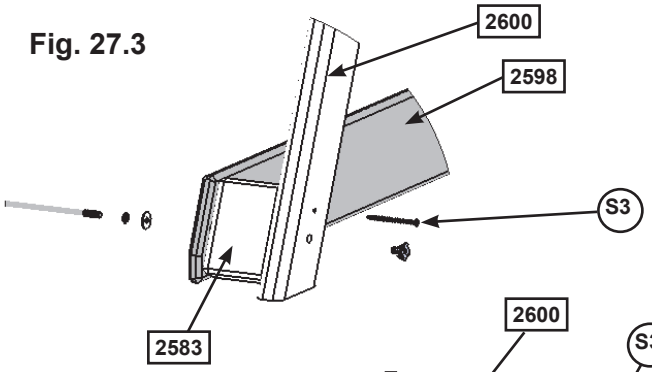


Fig. 27.4

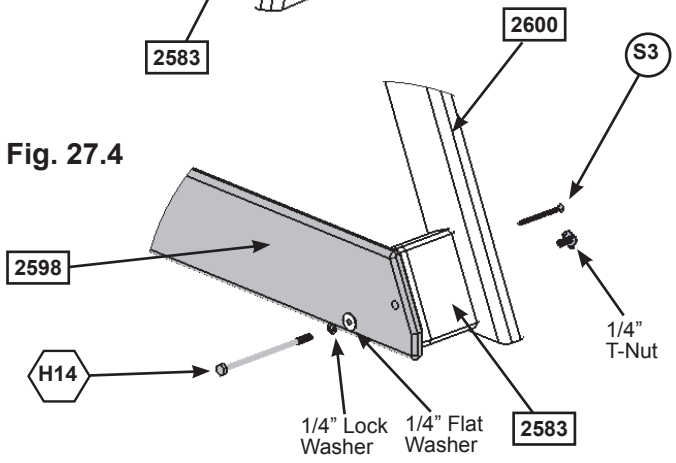
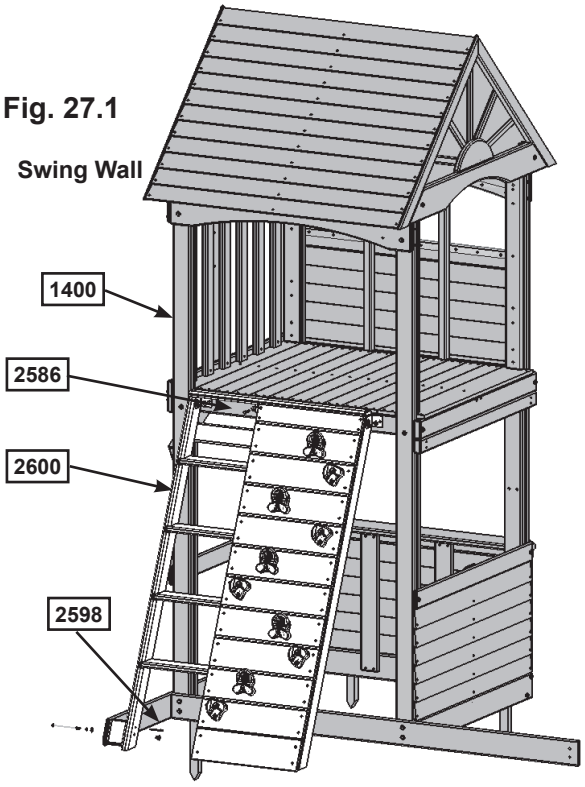


Fig. 27.1



Wood Parts

1 x 2583 **Block 2 x 4 x 4-1/4"**

Hardware

3 x LS1 **1/4 x 1-1/2" Lag Screw (1/4" flat washer)**

1 x H14 **1/4 x 5" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

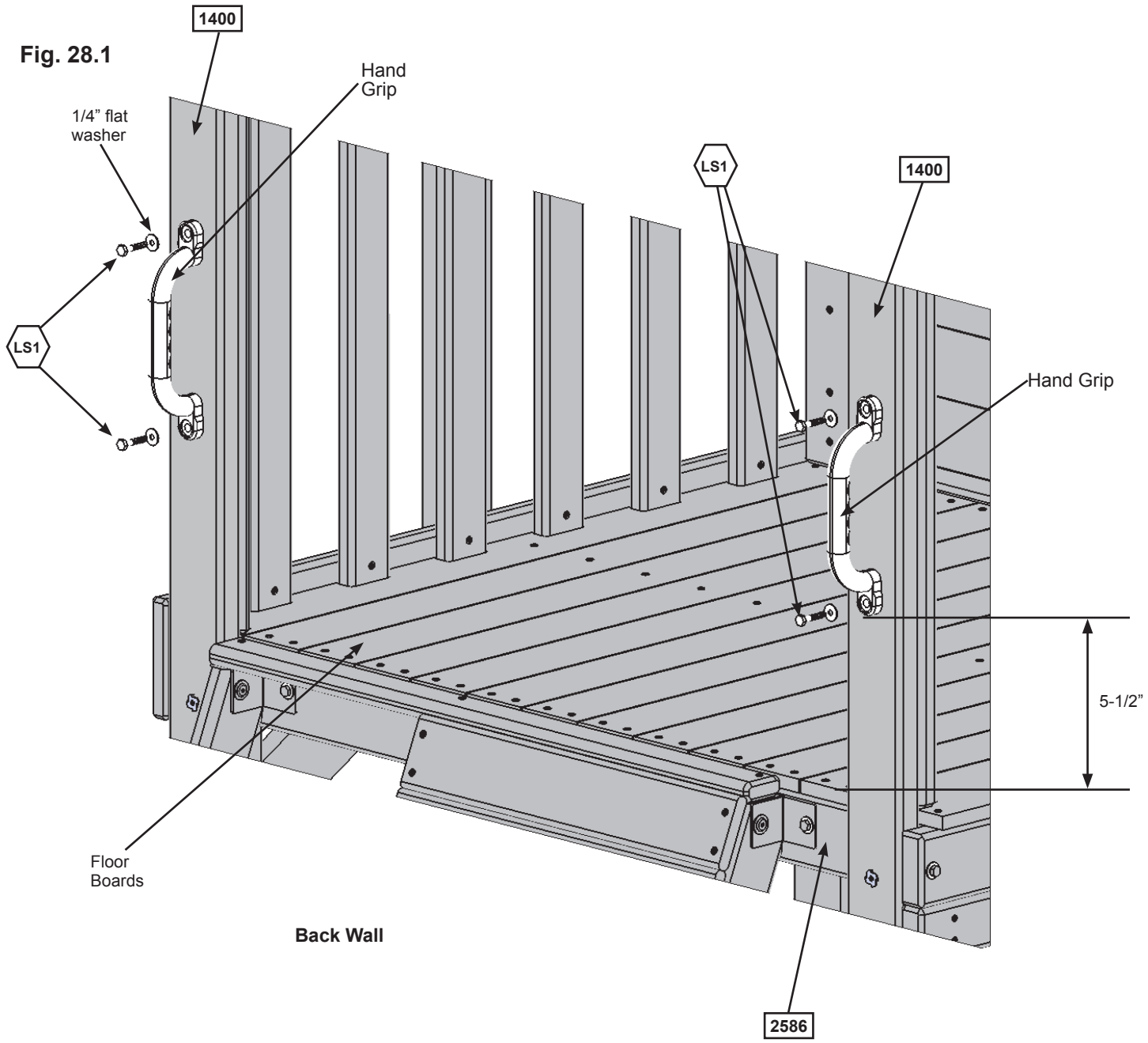
1 x S3 **#8 x 2-1/2" Wood Screw**

Step 28: Attach Hand Grip

Pre-drill all holes using a 3/16" drill bit before installing the Lag Screws.

A: On the Back Wall measure 5-1/2" up each (1400) Post from the top of floor boards then attach 1 Hand Grip with on each (1400) post with 2 (LS1) 1/4 x 1-1/2" Lag Screws (with flat washer) per Hand Grip. (fig. 28.1)

Fig. 28.1

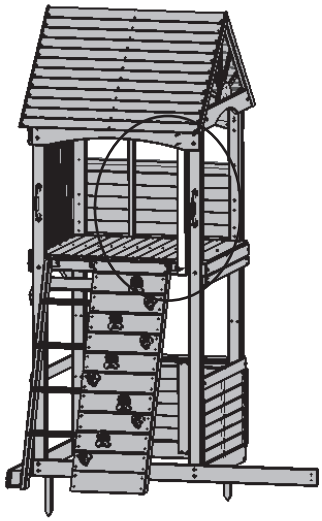


Hardware	Other Parts
4 x (LS1) 1/4 x 1-1/2" Lag Screw (1/4" flat washer)	2 x Hand Grip

Step 29: Attach SL Spacer to Back Wall

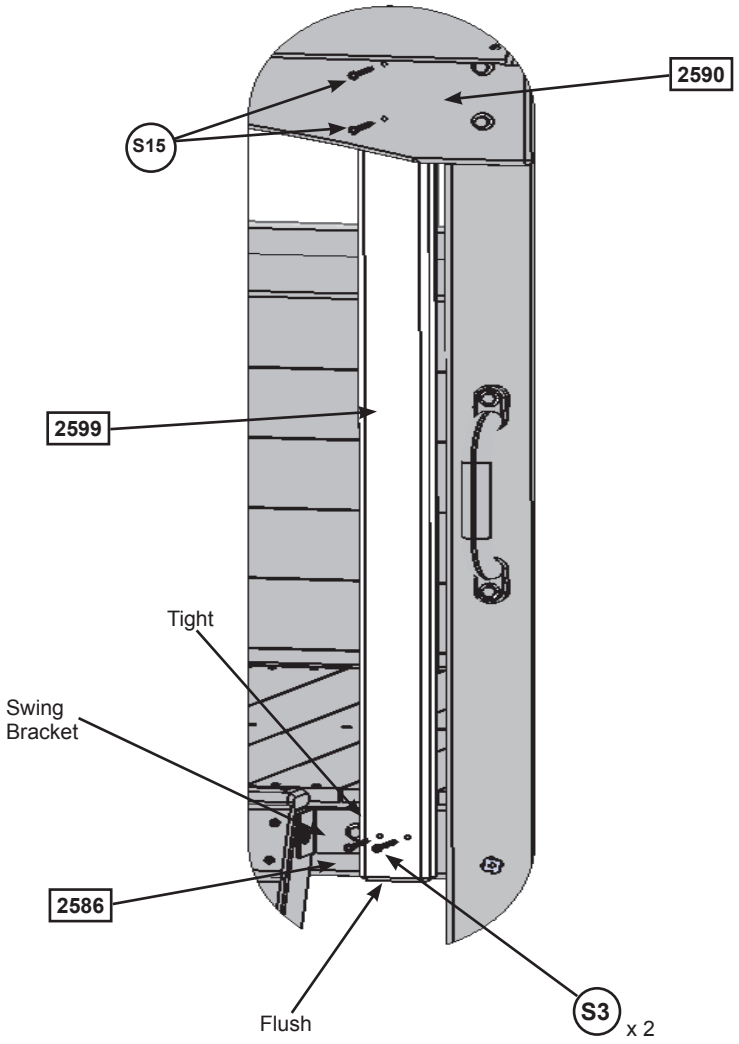
A: On the Back Wall, tight to the edge of the Swing Bracket and flush to the bottom of (2586) Floor Front Back attach 1 (2599) SL Spacer to (2586) Floor Front Back with 2 (S3) #8 x 2-1/2" Wood Screws and to the inside of (2590) Top Back Front with 2 (S15) #8 x 1-3/4" Wood Screws. (fig. 29.1 and 29.2)

Fig. 29.1



Back Wall

Fig. 29.2



Wood Parts

1 x 2599 SL Spacer 2 x 3 x 41-1/2"

Hardware

2 x S3 #8 x 2-1/2" Wood Screw

2 x S15 #8 x 1-3/4" Wood Screw

Step 30: Attach Swing Assembly to Fort

A: Attach Swing Assembly from Step 6 to (2025) Wall Mount with 1 (G5) 5/16 x 4-1/2” Hex Bolt (with lock washer, flat washer and t-nut) and 1 (G8) 5/16 x 2” Hex Bolt (with 2 flat washers and 1 lock nut) as shown in fig. 30.1 and 30.2.

B: Drive 1 (0318) Ground Stake 10-1/2” into the ground at each (1863) SW Post and attach with 2 (S3) #8 x 2-1/2” Wood Screws per ground stake. (fig. 30.1 and 30.3)

Fig. 30.1

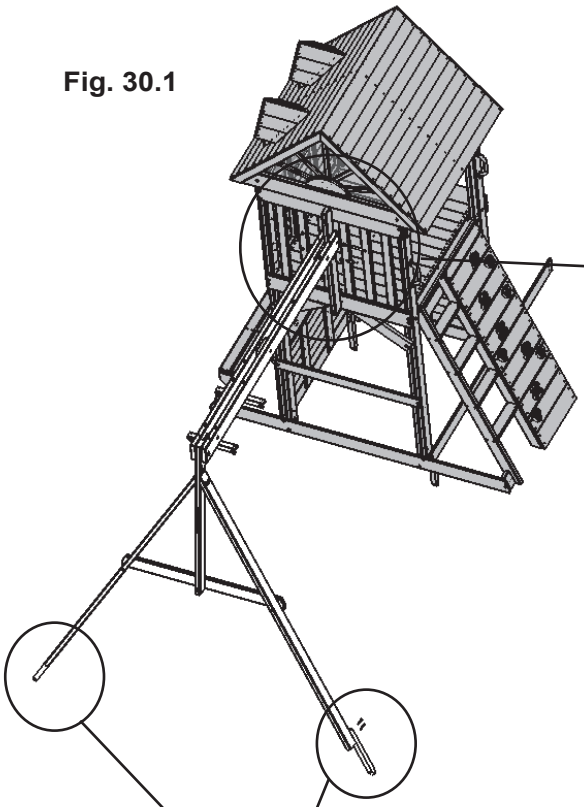


Fig. 30.2

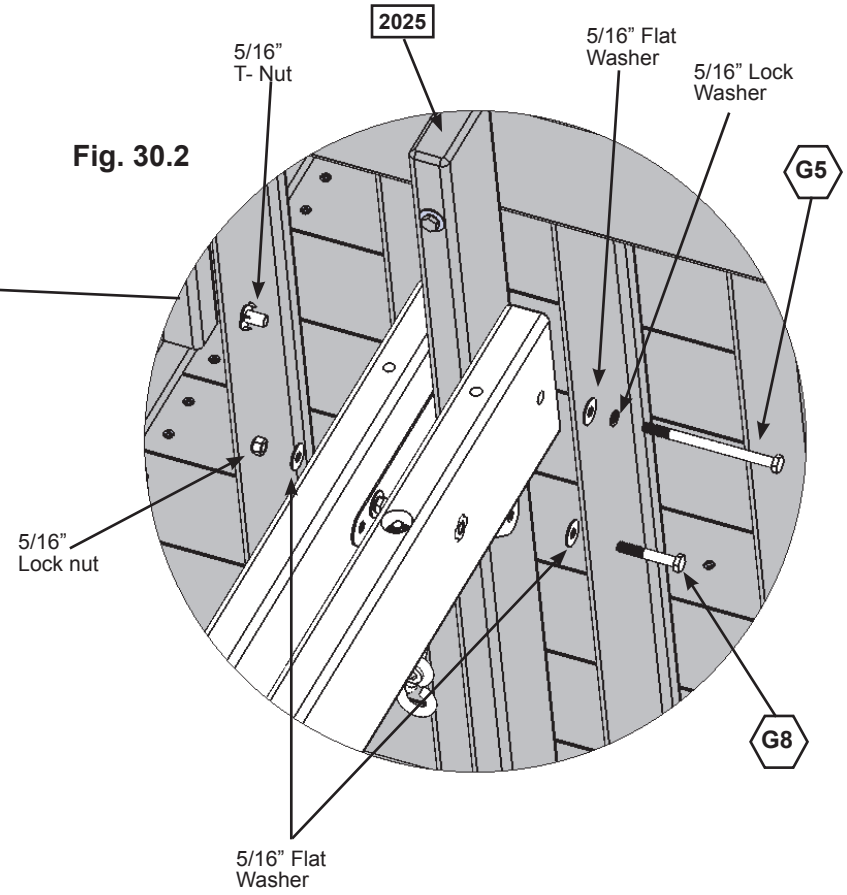
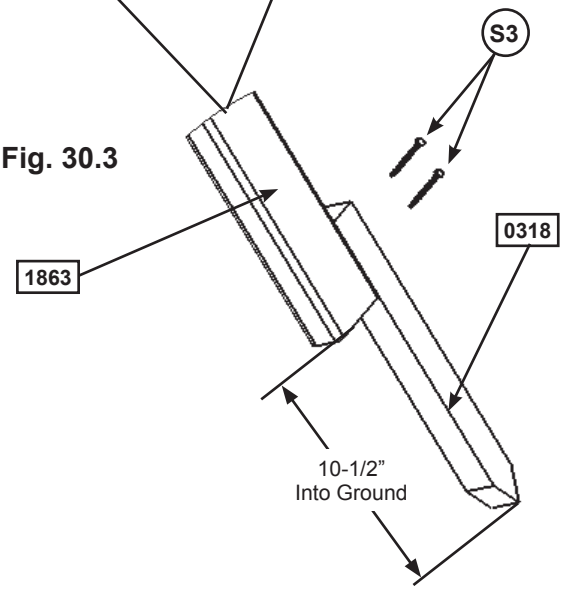


Fig. 30.3



⚠WARNING: To prevent tipping and avoid potential injury, stakes must be driven 10-1/2” into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Wood Parts

2 x 0318 **Ground Stake 1-1/4 x 1-1/2 x 14”**

Hardware

1 x G5 **5/16 x 4-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)**

1 x G8 **5/16 x 2” Hex Bolt (5/16” flat washer x 2, 5/16” lock nut)**

4 x S3 **#8 x 2-1/2” Wood Screw**

Step 31: Cafe Canopy Assembly Part 1

A: Feed all canopy frames through the pockets of the canopy. (fig. 31.1)

B: Place the frames together so the U-Frame is inside, then the Z-Frame and lastly the P-Frame on the outside and then attach with 1 (MB1) #12 x 1/2" Machine Bolt (with #12 lock nut) per side. (fig. 31.2 & 31.3)

Fig. 31.1

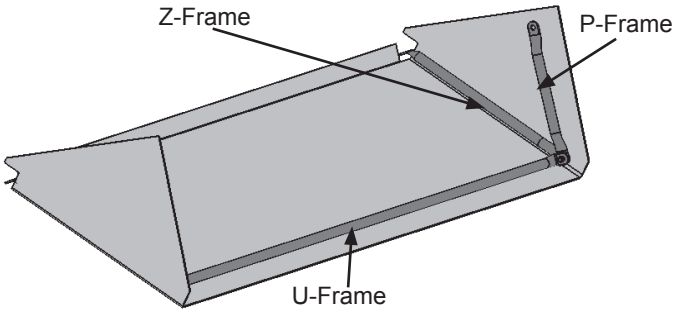


Fig. 31.2

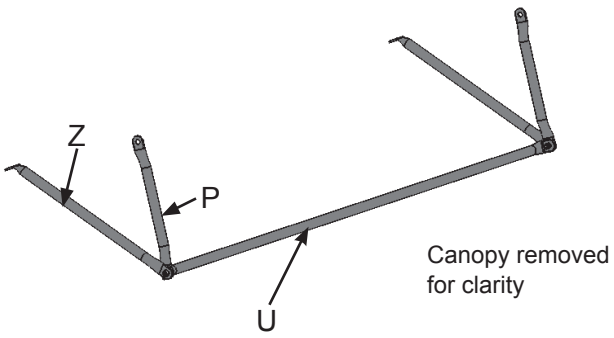
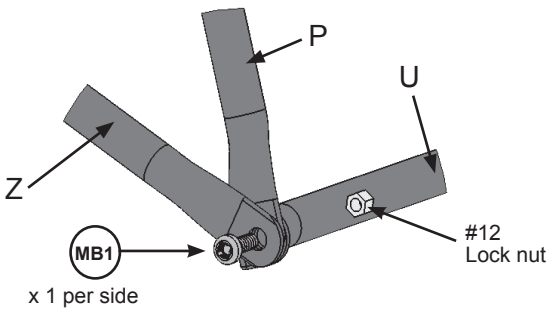


Fig. 31.3



Hardware

2 x (MB1) #12 x 1/2" Machine Bolt (#12 lock nut)

Other Parts

1 x Canopy

Step 31: Cafe Canopy Assembly Part 2

C: At the front of the fort, attach 2 Z-Frames to the (1400) Post with 1 (S6) #12 x 1" Pan Screw per frame. (fig. 31.4 and 31.5)

D: From underneath the fort, attach canopy to (2588) Floor Gap with 5 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). (fig. 31.6)

E: Attach each P-Frame to (1400) Posts, through the tarp, with 1 (S6) #12 x 1" Pan Screw and 2 (S5) #8 x 1/2" Pan Screw (with #8 flat washer) per side. (fig. 31.6)

Fig. 31.4

Front Wall

Fig. 31.5

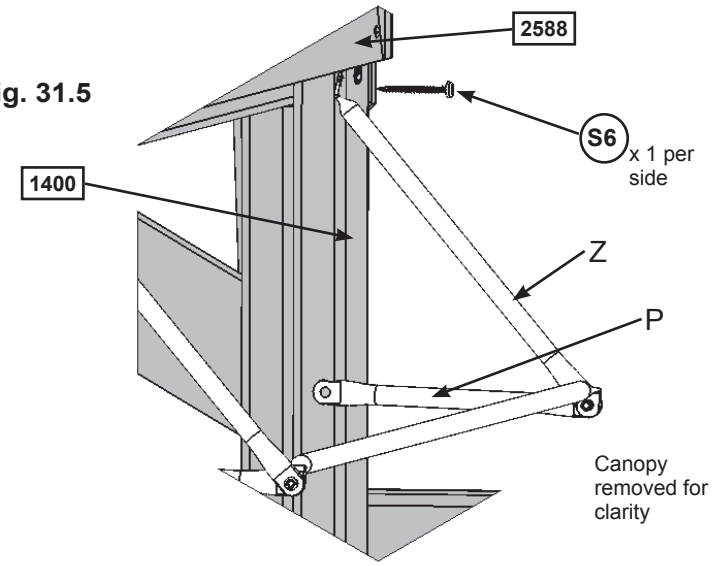
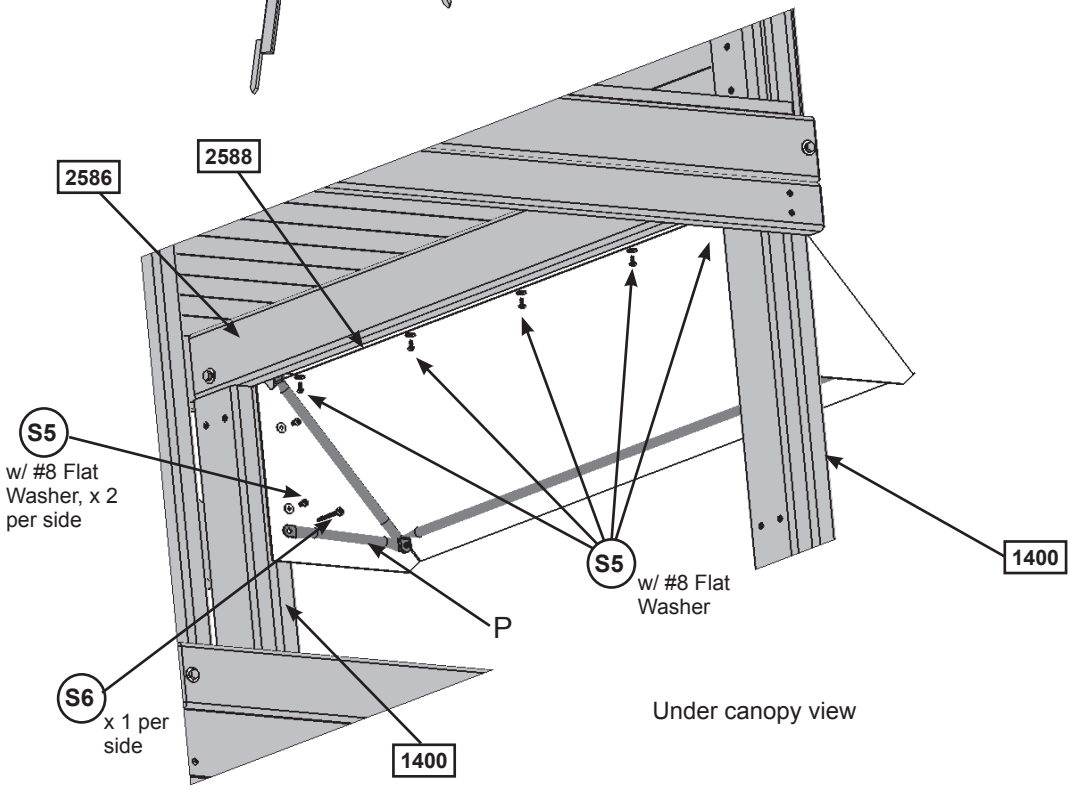


Fig. 31.6



Under canopy view

Hardware

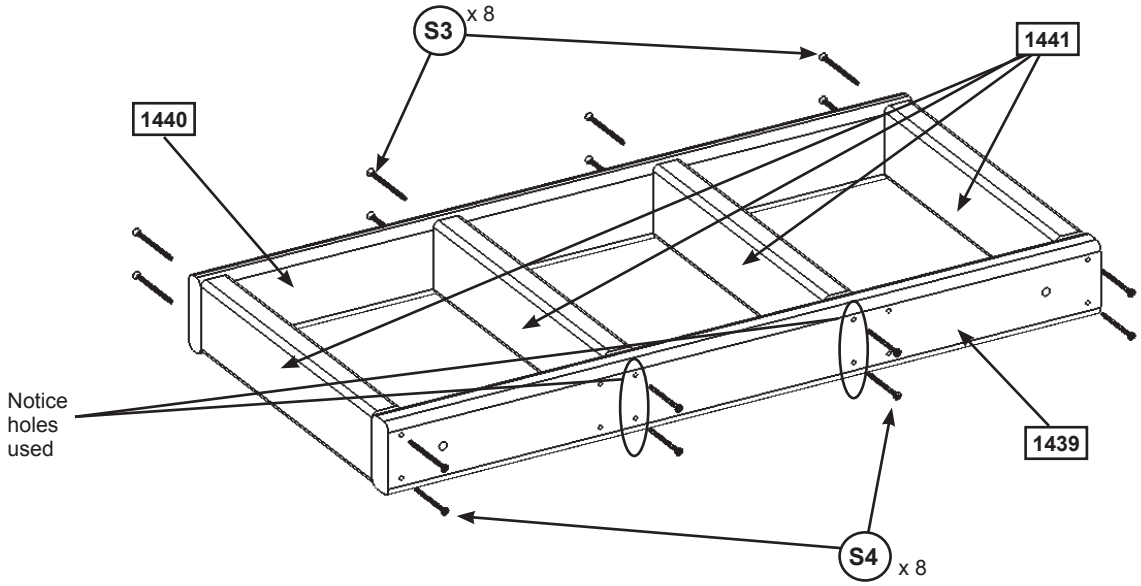
9 x (S5) #8 x 1/2" Pan Screw (#8 flat washers)

4 x (S6) #12 x 1" Pan Screw

Step 32: Crowsnest Assembly
Part 1

A: Attach 4 (1441) Crowsnest Joists to (1439) Crowsnest Front with 4 (S4) #8 x 3” Wood Screws per joist and to (1440) Crowsnest Back with 4 (S3) #8 x 2-1/2” Wood Screws per joist as shown in fig. 32.1.

Fig. 32.1



Wood Parts

- 4 x 1441 **Crowsnest Joist 2 x 4 x 14-1/4”**
- 1 x 1439 **Crowsnest Front 2 x 4 x 34-1/4”**
- 1 x 1440 **Crowsnest Back 5/4 x 4 x 34-1/4”**

Hardware

- 8 x S3 **#8 x 2-1/2” Wood Screw**
- 8 x S4 **#8 x 3” Wood Screw**

Step 32: Crowsnest Assembly Part 2

B: Attach (1444) Crowsnest SL Top to 2 (1447) Crowsnest Uprights using 2 (H10) 1/4 x 2-1/4" Hex Bolts (with lock washer, flat washer and t-nut), making sure the notched ends are facing out. (fig. 32.1)

C: Attach 1 (1448) Crowsnest Short to (1444) Crowsnest SL Top using 6 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 32.2.

Fig. 32.2

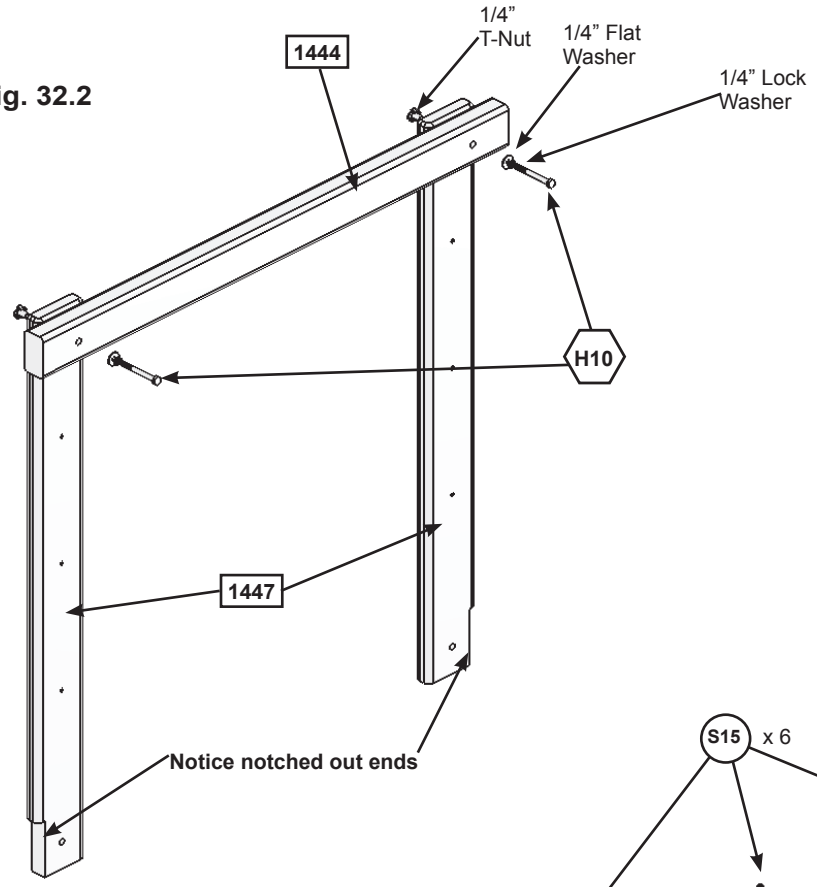
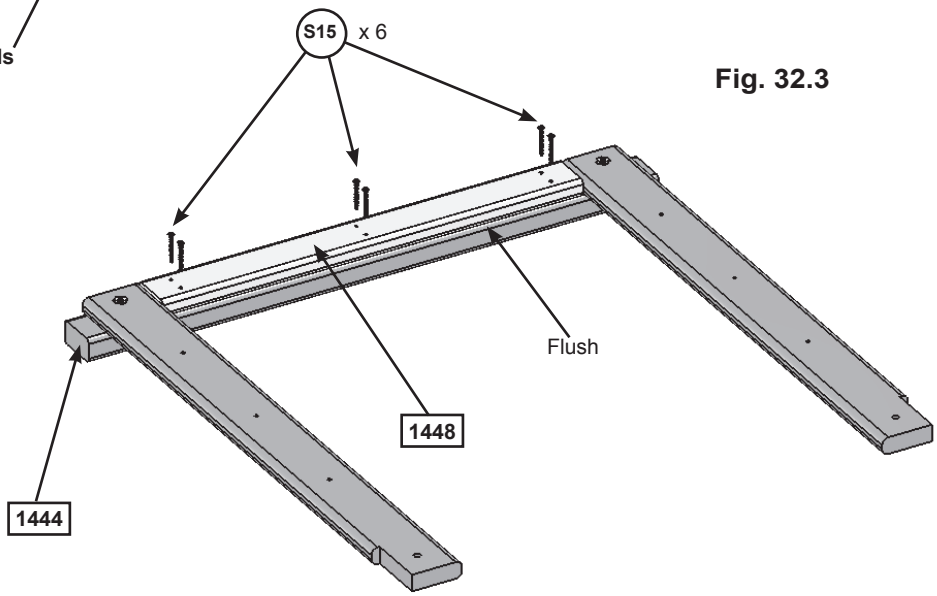


Fig. 32.3



Wood Parts

- 1 x 1444 **Crowsnest SL Top 2 x 3 x 34-1/4"**
- 2 x 1447 **Crowsnest Upright 5/4 x 4 x 33-5/8"**
- 1 x 1448 **Crowsnest Short 5/4 x 3 x 25-1/4"**

Hardware

- 6 x S15 **#8 x 1-3/4" Wood Screw**
- 2 x H10 **1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

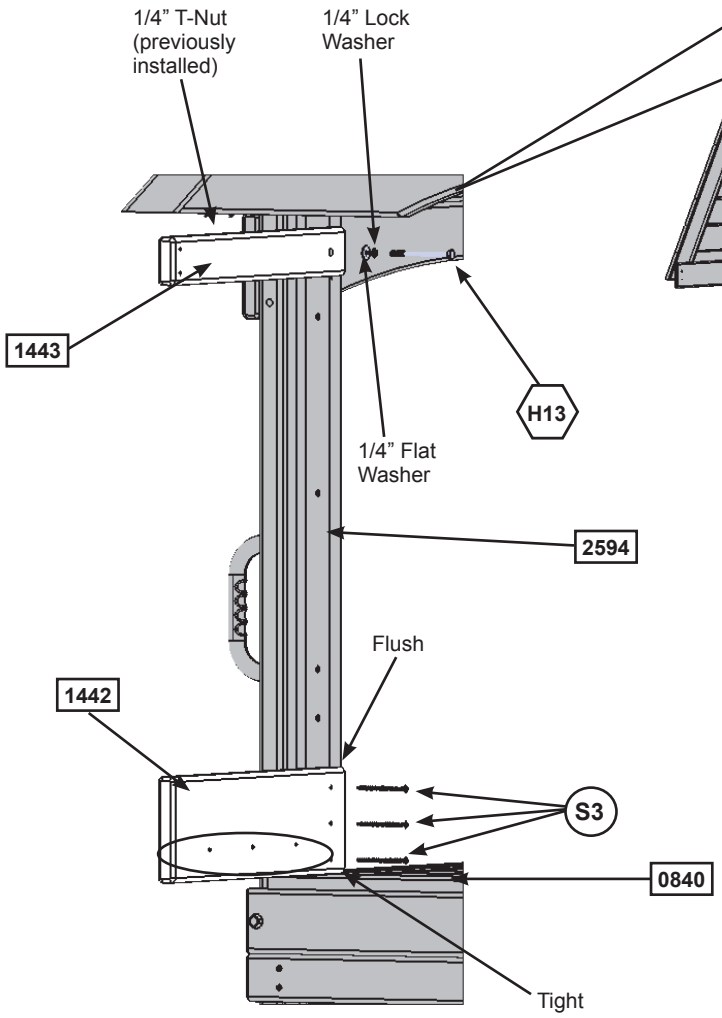
Step 32: Crowsnest Assembly Part 3

D: Attach 1 (1442) Crowsnest Bottom Side tight to top of (0840) CE Gap Board and flush to the inside edge of each (2594) SL Post Support using 3 (S3) #8 x 2-1/2" Wood Screws per side. Notice pilot holes towards bottom of boards. (fig. 32.4 and 32.5)

E: Attach 1 (1443) Crowsnest Side to each (2594) SL Post Support using 1 (H13) 1/4 x 3-1/2" Hex Bolt (with lock washer, flat washer and previously installed t-nut) per side. (fig. 32.4 and 32.5)

Fig. 32.4

Fig. 32.5



Wood Parts

2 x 1442 **Crowsnest Bottom Side 5/4 x 6 x 18"**
2 x 1443 **Crowsnest Side 5/4 x 3 x 18"**

Hardware

6 x S3 **#8 x 2-1/2" Wood Screw**
2 x H13 **1/4 x 3-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer)**

Step 32: Crowsnest Assembly
Part 4

F: Place assembly from Step A flush to the bottom of each (1442) Crowsnest Bottom Side then attach using 3 (S7) #12 x 2" Pan Screws per side. (1439) Crowsnest Front is to face out and (1440) Crowsnest Back is to face towards the fort. (fig. 32.6 and 32.7)

G: Place assembly from Steps B and C against (1439) Crowsnest Front and attach each (1447) Crowsnest Upright to (1439) Crowsnest Front using 2 (H10) 1/4 x 2-1/4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 32.6 and 32.7)

H: Attach each (1443) Crowsnest Side to (1444) Crowsnest SL Top using 2 (S3) #8 x 2-1/2" Wood Screws per side. (fig. 32.6 and 32.7)

Fig. 32.6

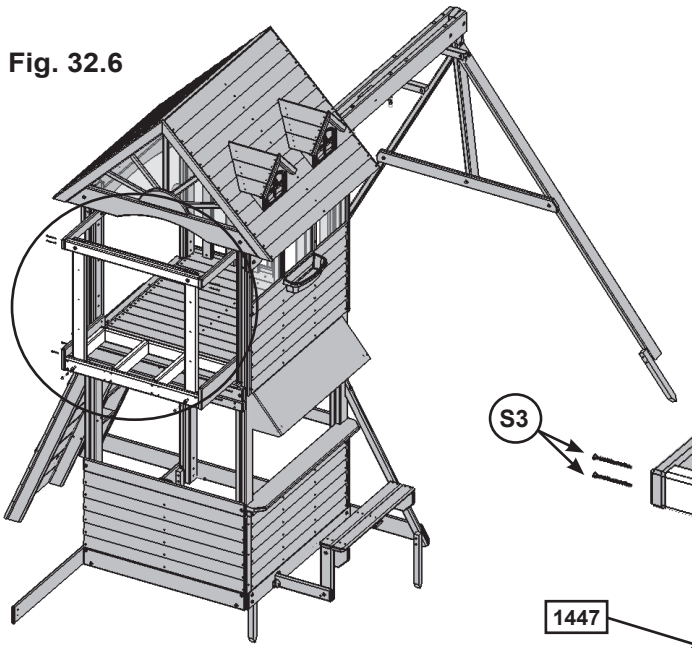
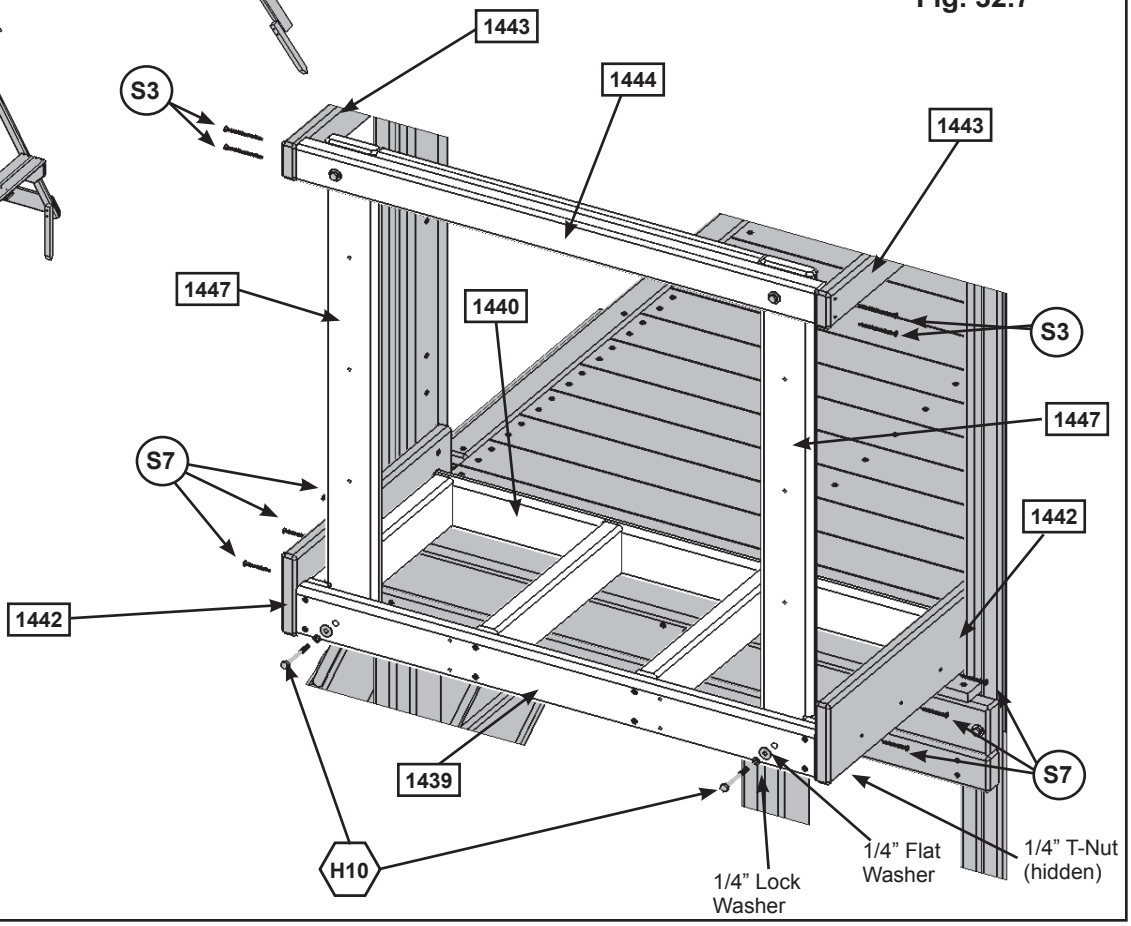


Fig. 32.7



Hardware

6 x (S7) **#12 x 2" Pan Screw**
4 x (S3) **#8 x 2-1/2" Wood Screw**
2 x (H10) **1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

Step 33: Crowsnest Floor and Wall Assemblies Part 1

A: Lay down (1438) Crowsnest Gap flush to front of (1439) Crowsnest Front and (1436) Crowsnest Floor flush to back of (1440) Crowsnest Back. In between (1438) Crowsnest Gap and (1436) Crowsnest Floor place 2 (1437) Crowsnest Floors. (fig. 33.1 and 33.2)

B: Attach the floor and gap boards to each (1441) Crowsnest Joist using 6 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 33.2)

C: Place 1 (1446) Crowsnest Wall in between each (1442) Crowsnest Bottom Side/(1443) Crowsnest Side and (1447) Crowsnest Upright, flush to front of (1439) Crowsnest Front and tight to (1444) Crowsnest SL Top and the floor boards. Attach to (1442) Crowsnest Bottom Side and (1443) Crowsnest Side from inside the assembly with 3 (S15) #8 x 1-3/4" Wood Screw per wall. (fig. 33.1 and 33.2)

Fig. 33.1

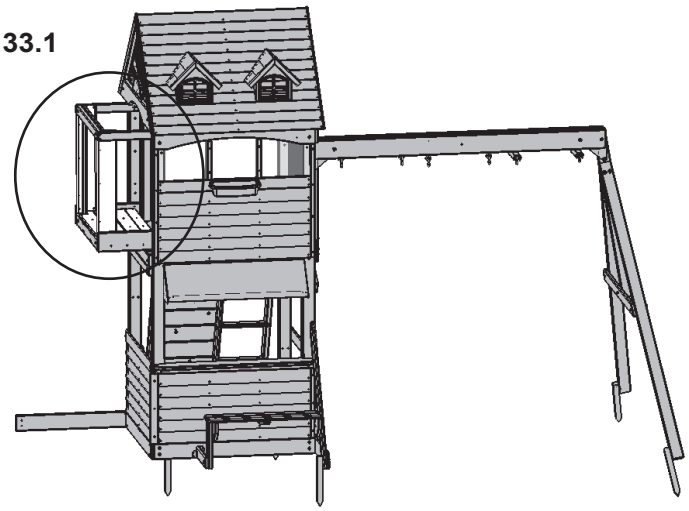


Fig. 33.2

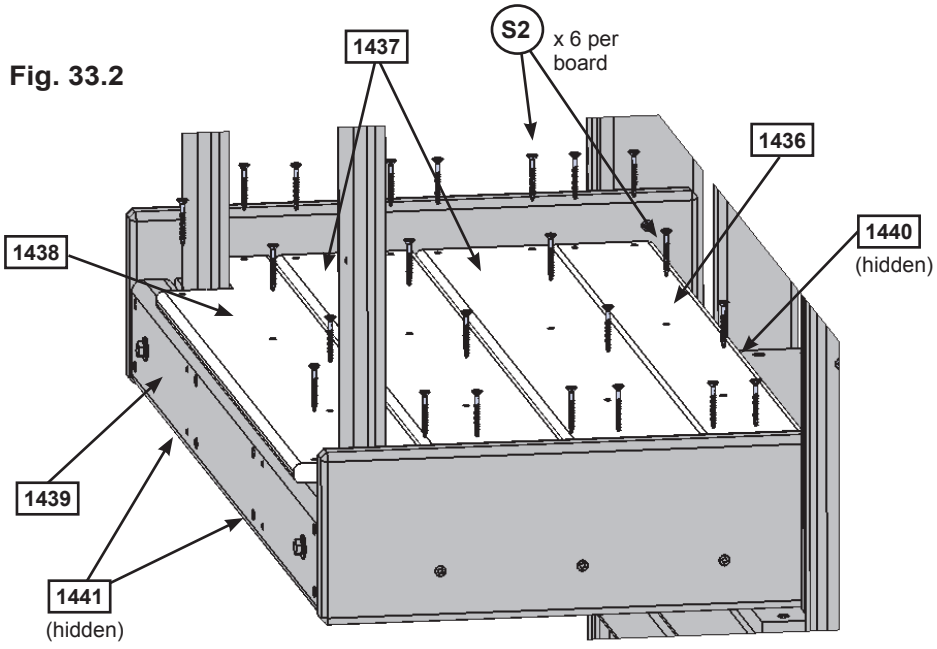
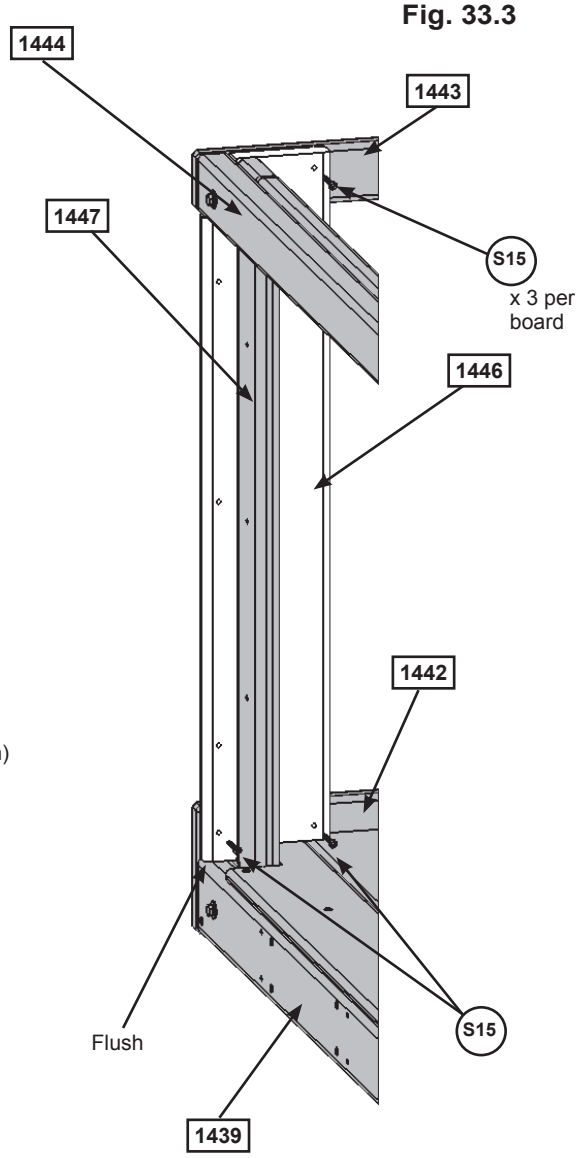


Fig. 33.3



Wood Parts

- 2 x 1446 Crowsnest Wall 5/4 x 6 x 30-1/4"
- 1 x 1438 Crowsnest Gap 1 x 5 x 34-1/4"
- 2 x 1437 Crowsnest Floor 1 x 5 x 34-1/4"
- 1 x 1436 Crowsnest Floor 1 x 4 x 34-1/4"

Hardware

- 24 x S2 #8 x 1-1/2" Wood Screw
- 6 x S15 #8 x 1-3/4" Wood Screw

Step 33: Crowsnest Floor and Wall Assemblies Part 2

D: Place 1 (1451) Crowsnest Face on the front of each (1447) Crowsnest Upright, flush to the outside edges and attach from inside the fort using 3 (S15) #8 x 1-3/4" Wood Screws per board as shown in fig. 33.4 and 33.5.

E: Attach (1446) Crowsnest Walls to each (1451) Crowsnest Face using 3 (S3) #8 x 2-1/2" Wood Screws per side. (fig. 33.4 and 33.5)

F: In between (1446) Crowsnest Wall and the fort evenly space and attach 1 (1435) Crowsnest Wall Board to (1442) Crowsnest Bottom Sides and (1443) Crowsnest Sides using 4 (S15) #8 x 1-3/4" Wood Screws per board. (1435) Crowsnest Wall Boards are to be tight to the floor board and bevelled edges at the top and facing out. (fig. 33.6)

Fig. 33.4

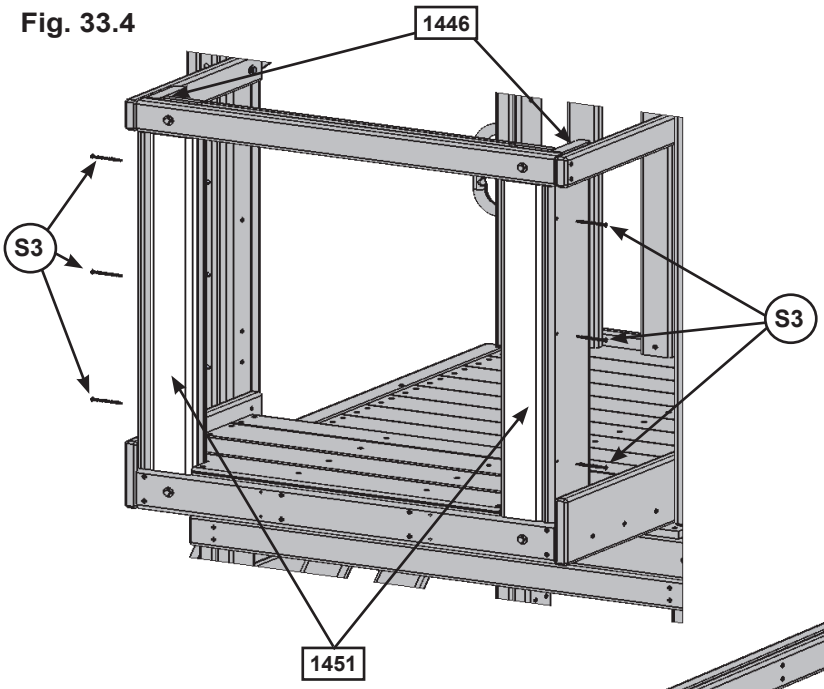
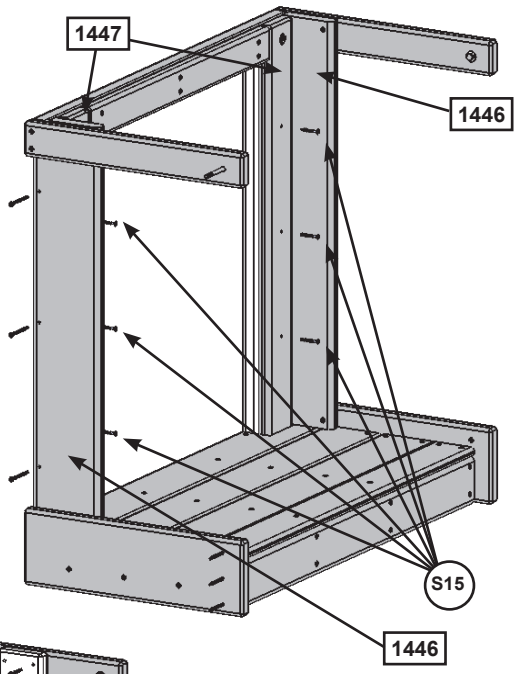


Fig. 33.5



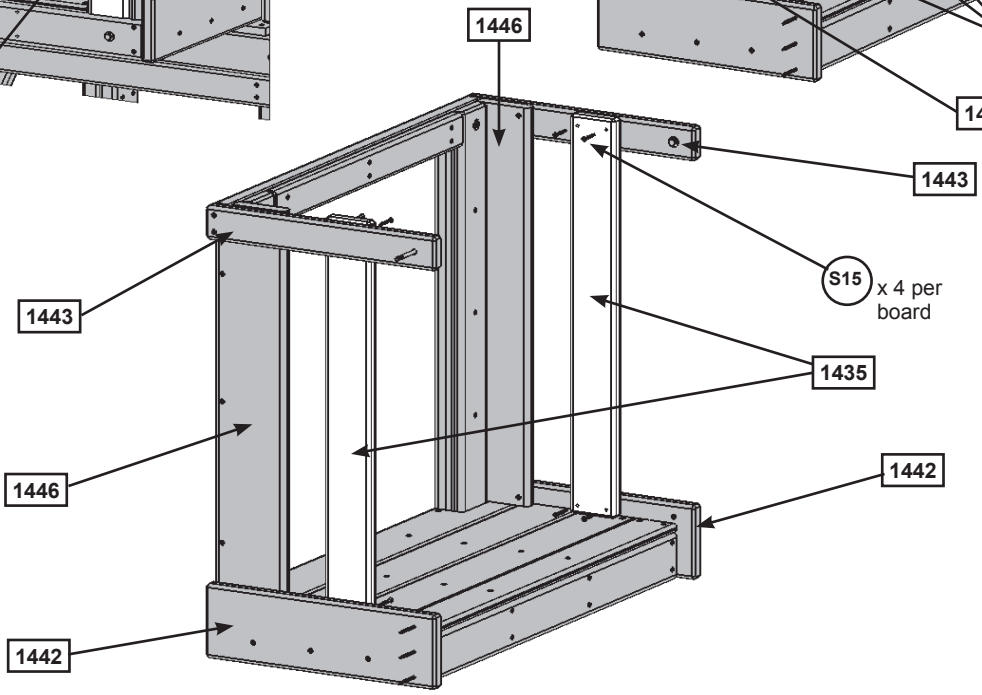


Fig. 33.6

Wood Parts

2 x 1451 **Crowsnest Face 2 x 4 x 27-3/4"**

2 x 1435 **Crowsnest Wall Board 5/4 x 4 x 29-11/16"**

Hardware

14 x S15 **#8 x 1-3/4" Wood Screw**

6 x S3 **#8 x 2-1/2" Wood Screw**

Step 34: Attach Gussets to Crowsnest

A: Tight to the underside of the floor boards place 1 (1445) Crowsnest Gusset on the outside of each interior (1441) Crowsnest Joist and attach with 1 (S3) #8 x 2-1/2" Wood Screw per gusset. (fig. 34.1)

B: Attach each (1445) Crowsnest Gusset to (1439) Crowsnest Front in the remaining holes using 2 (S4) #8 x 3" Wood Screws per gusset. (fig. 34.1 and 34.2)

C: Measure 11-1/2" from inside edge of (0834) SL Floor and attach to 1 (1445) Crowsnest Gusset using 2 (S4) #8 x 3" Wood Screws as shown in fig. 34.3.

D: Measure 13" from screws in Step C and attach (0834) SL Floor to the second (1445) Crowsnest Gusset using 2 (S4) #8 x 3" Wood Screws as shown in fig. 34.3.

Fig. 34.1

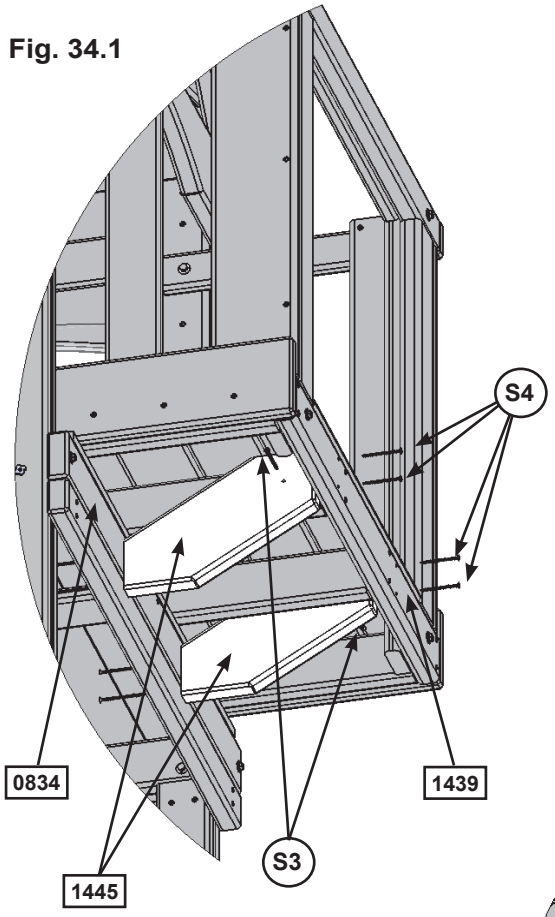


Fig. 34.2

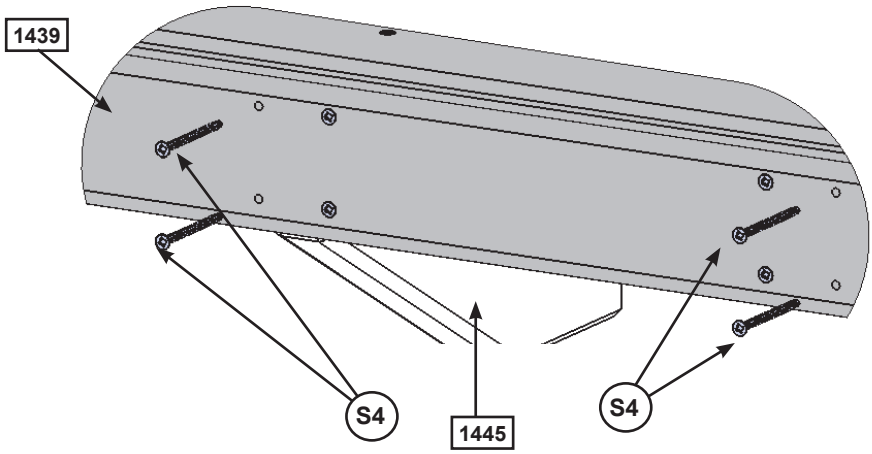
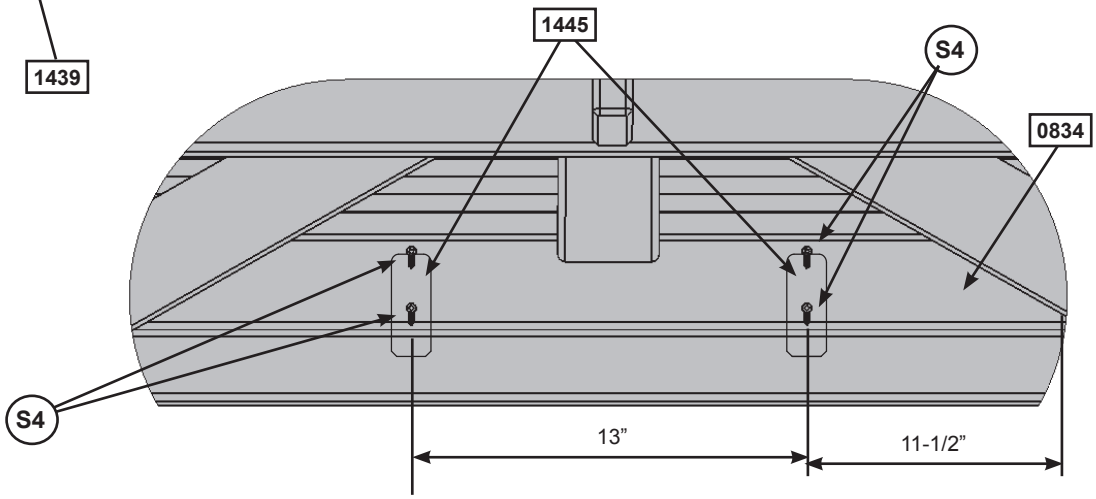


Fig. 34.3



Wood Parts

2 x 1445 **Crowsnest Gusset 2 x 6 x 14-3/4"**

Hardware

2 x S3 **#8 x 2-1/2" Wood Screw**

8 x S4 **#8 x 3" Wood Screw**

Step 35: Attach SL Support and SL Block to Fort

A: Attach (1450) SL Support to end of (2585) Back Ground with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole. (fig. 35.1 and 35.2)

B: Make sure (1450) SL Support and (2585) Back Ground are square then attach with 1 (S15) #8 x 1-3/4" Wood Screw. (fig. 35.2)

C: Insert TNR2 Post Mount on (1450) SL Support and attach with 2 (PB2) 1/4 x 1-1/4" Pan Bolts (with lock washer and t-nut). **Keep these bolts loose.** (fig. 35.2)

D: Place (2428) SL Block flush to top of (0968) Middle Top and tight to the Lag Screw head then attach to (1400) Post with 2 (S4) #8 x 3" Wood Screws from outside the assembly and to (0968) Middle Top from inside the assembly with 2 (S2) #8 x 1-1/2" Wood Screws. (fig. 35.2)

Fig. 35.1

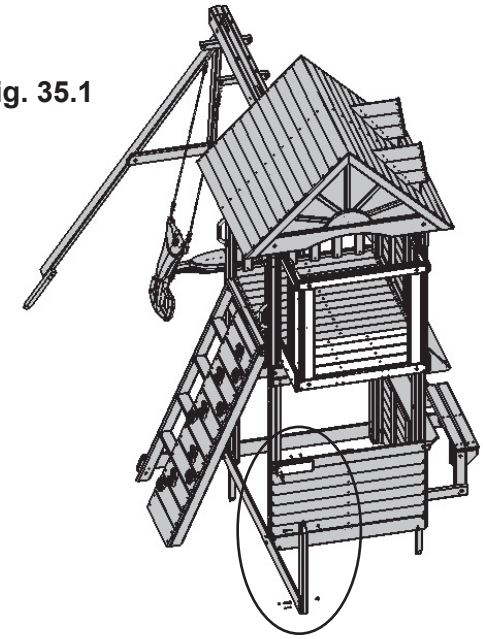
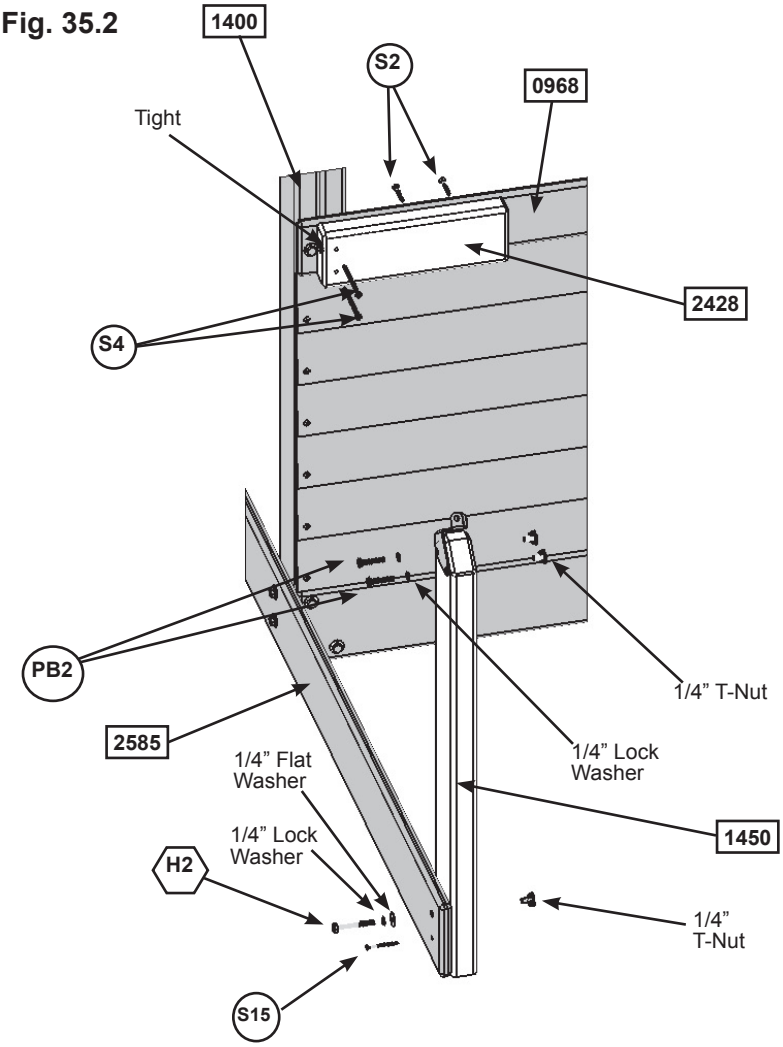


Fig. 35.2



Wood Parts

1 x 1450 **SL Support 2 x 4 x 26-1/4"**
1 x 2428 **SL Block 2 x 4 x 10"**

Hardware

1 x H2 **1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
2 x PB2 **1/4 x 1-1/4" Pan Bolt (1/4" lock washer & 1/4" t-nut)**
1 x S15 **#8 x 1-3/4" Wood Screw**
2 x S4 **#8 x 3" Wood Screw**
2 x S2 **#8 x 1-1/2" Wood Screw**

Other Parts

1 x TNR2 Post Mount

Step 36: Slide Section Assemblies
Part 1

Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. (fig. 36.3)

A: Fit 2 TNR2 Slide Elbows together and attach with 8 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 36.1. It is very important to attach bolts as indicated, in fig. 36.3.

B: Repeat Step A 3 more times to create 4 Elbow Sections in total. (fig. 36.1)

C: Attach TNR2 Slide RT Flange and TNR2 Slide LT Flange together using 4 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 36.2. This creates the Flange Assembly.

Fig. 36.1

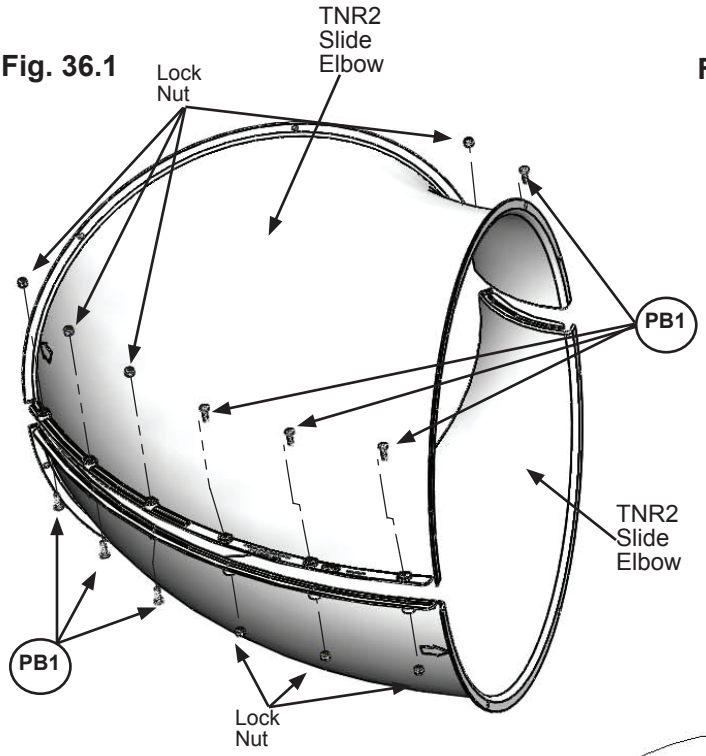


Fig. 36.2

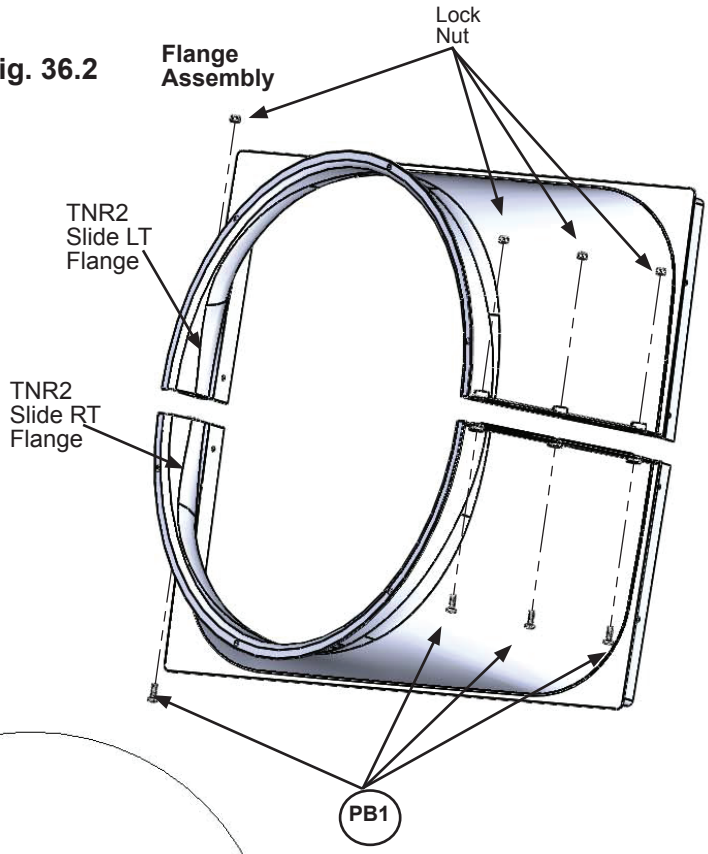
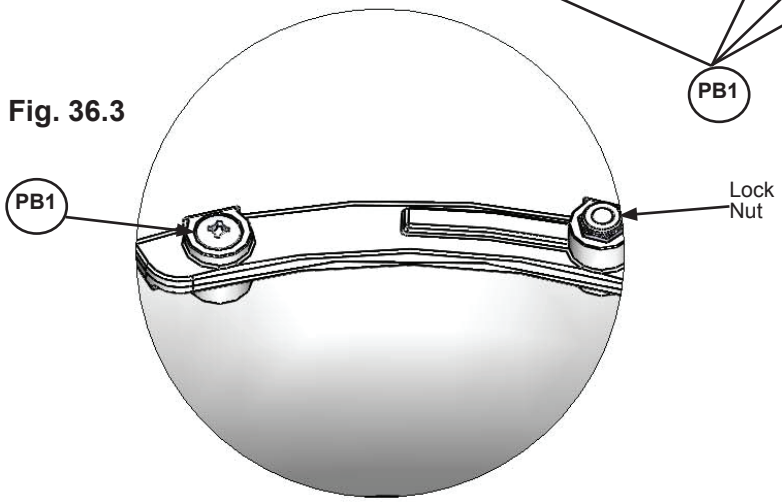


Fig. 36.3



Use a 7/16" open end wrench for nuts

Hardware

36 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

Other Parts

1 x TNR2 Slide LT Flange
1 x TNR2 Slide RT Flange
8 x TNR2 Slide Elbow

Step 36: Slide Section Assemblies Part 2

Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. (fig. 36.3)

D: Attach TNR2 Slide Exit Top and the remaining TNR2 Slide Elbow together using 8 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in fig. 36.4. It is very important to attach bolts as indicated. This creates the Exit Elbow Assembly.

Fig. 36.4

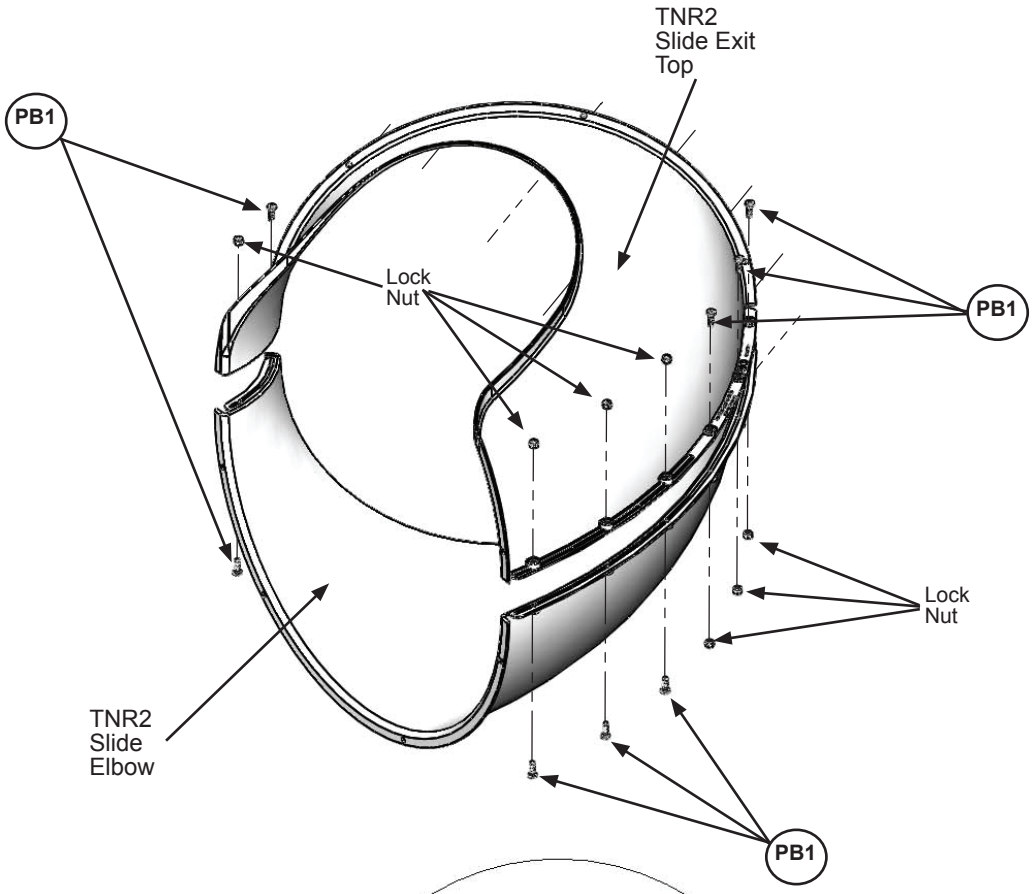
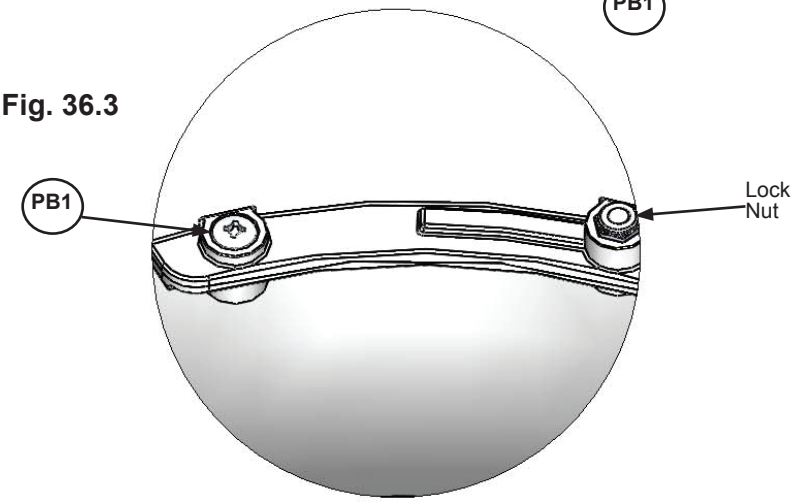


Fig. 36.3



Hardware

8 x (PB1) **1/4 x 3/4" Pan Bolt (1/4" lock nut)**

Other Parts

1 x TNR2 Slide Exit Top
1 x TNR2 Slide Elbow

Step 37: Attach Flange Assembly to Fort

A: With a helper place the Flange Assembly flush to the Crowsnest on the fort as shown in fig. 37.1, then pre-drill 1/8" pilot holes in the bottom 4 mounting locations on (1438) Crowsnest Gap (approximate spots where circles are on figure), making sure the pre-drilled holes are a minimum of 1" deep.

B: Attach Flange Assembly to the Crowsnest through (1438) Crowsnest Gap and into (1439) Crowsnest Front using 4 (S7) #12 x 2" Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig. 37.1 and 37.2) Make sure the flat surfaces of the Flange Assembly are flush to the Crowsnest as shown in fig. 37.5.

C: Attach the Flange Assembly flush to (1444) Crowsnest SL Top using 4 (S6) #12 x 1" Pan Screws (with #12 Screw Bezel) as shown in fig. 37.1 and 37.3 and to both (1451) Crowsnest Faces using 5 (S6) #12 x 1" Pan Screw per board. (fig. 37.1 and 37.4)

Top

Fig. 37.3

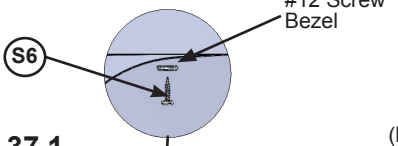
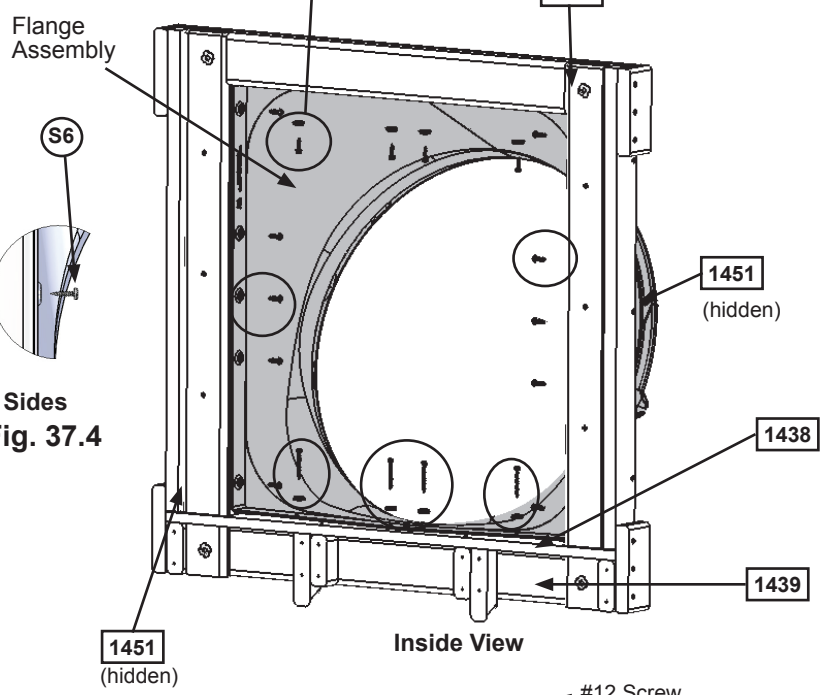


Fig. 37.1



Inside View

Sides

Fig. 37.4

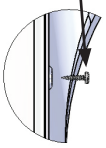
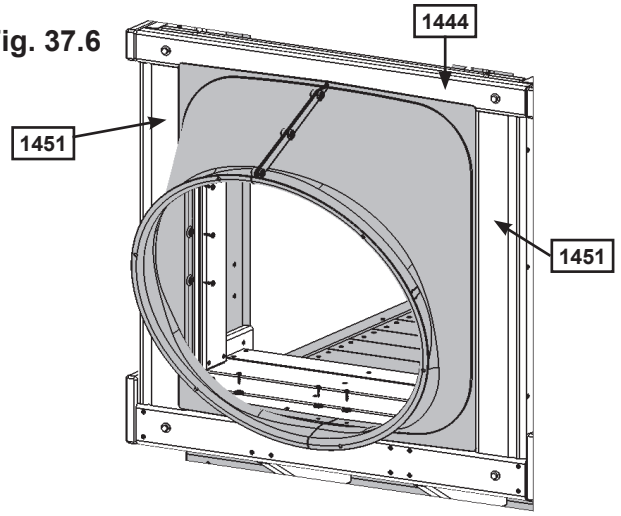


Fig. 37.2

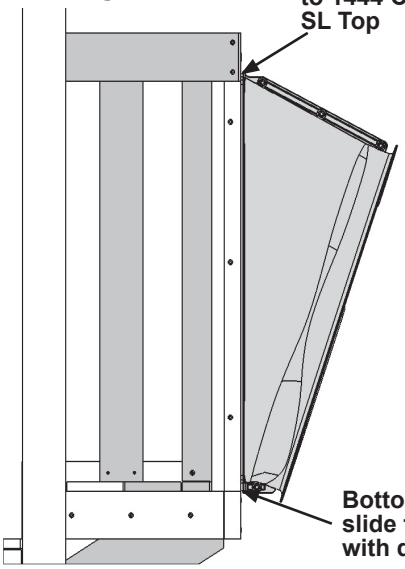
Bottom

Fig. 37.6



Outside View

Fig. 37.5



Hardware

14 x	(S6)	#12 x 1" Pan Screw
4 x	(S7)	#12 x 2" Pan Screw
8 x		#12 Screw Bezel

Step 38: Attach Elbow Assembly to Flange Assembly Part 1

Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

A: Fit one of the Elbow Assemblies to the Flange Assembly by lining up the arrows on each assembly. (fig. 38.2 and 38.3)

B: Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 38.2 and 38.3.

Use Quadrex Driver as a guide pin for each hole before inserting bolt. (fig. 38.3)

Quadrex Driver

Use special driver provided in locations where the curve of the elbow are difficult to reach with a standard driver.

Fig. 38.1

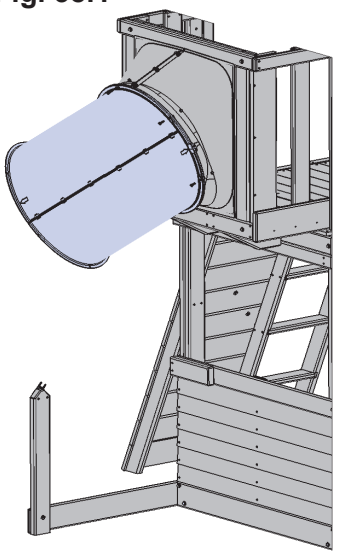
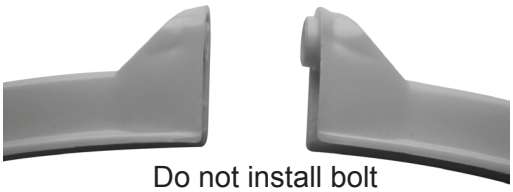


Fig. 38.4



Do not install bolt in Clamp Ring ends until Step 38D

Fig. 38.3

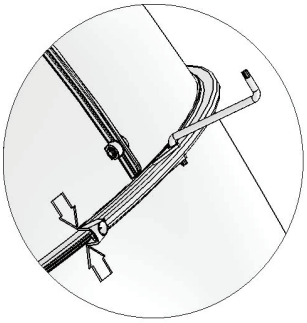
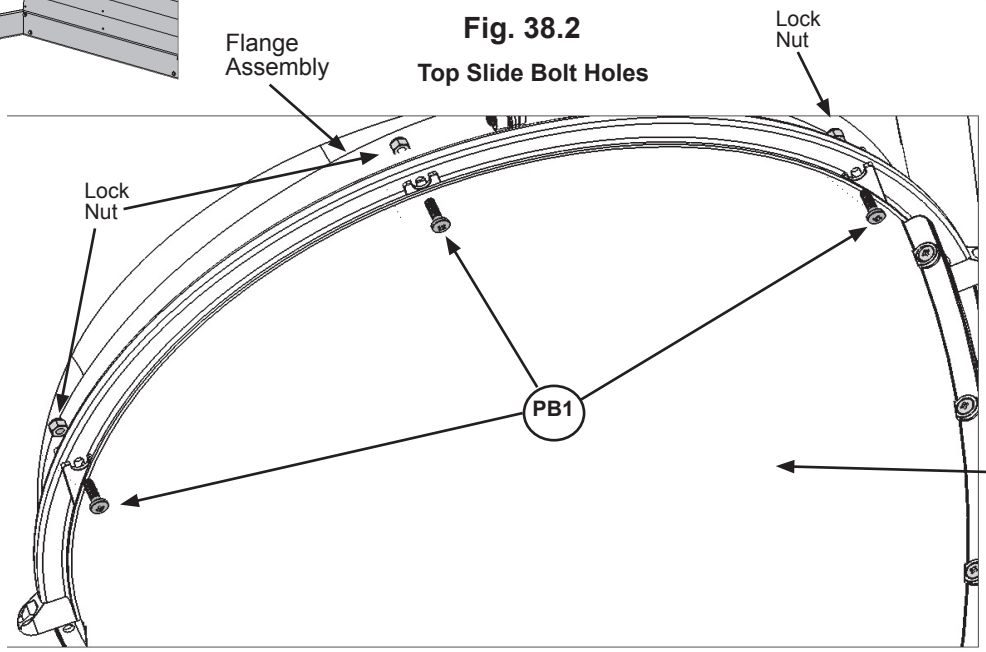


Fig. 38.2

Top Slide Bolt Holes



Align each elbow using the molded arrows with the seam of the clamp ring.

Hardware

3 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

Other Parts

1 x Quadrex Driver
1 x TNR2 Slide Clamp Ring

Step 38: Attach Elbow Assembly to Flange Assembly Part 2

Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

C: Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 2 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) on one side and 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) in the other side, making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 38.5, 38.6 and 38.7.

D: Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 38.8 and 38.9).

Fig. 38.5

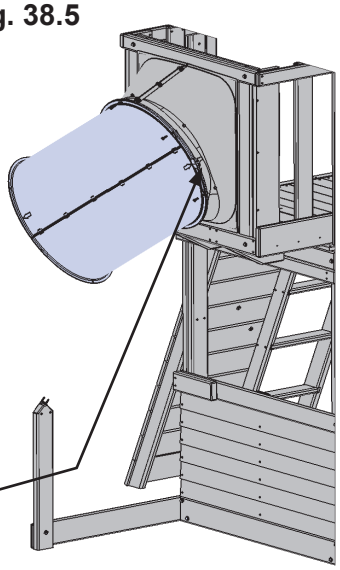


Fig. 38.6

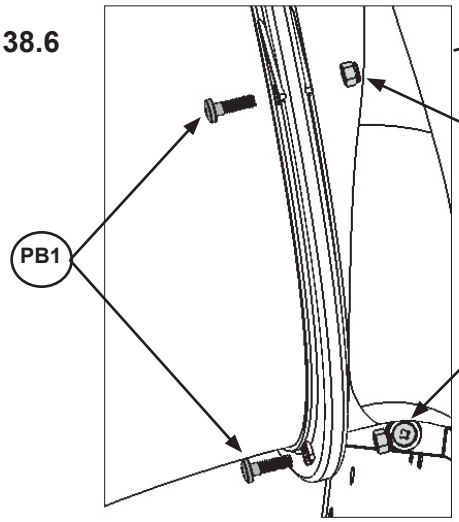


Fig. 38.7 **(Side not shown)**

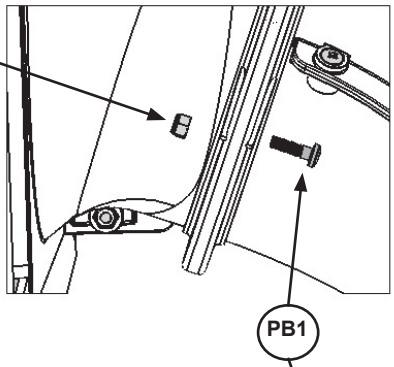


Fig. 38.8

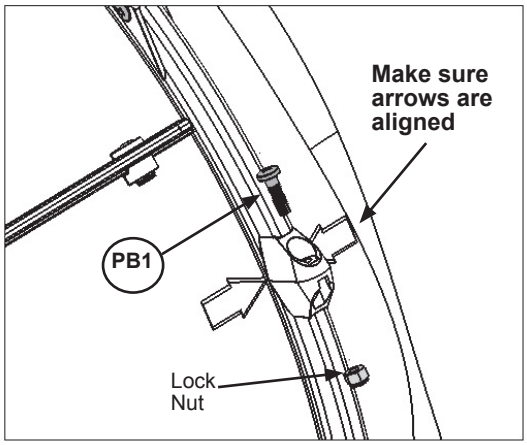
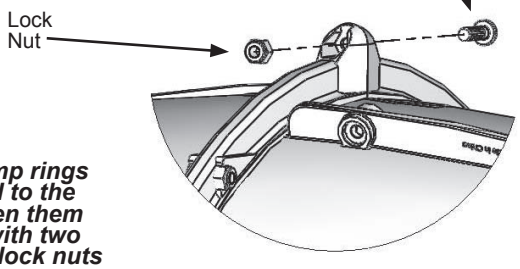


Fig. 38.9



After the clamp rings are attached to the elbows, fasten them end to end with two pan bolts and lock nuts

Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

Other Parts

1 x TNR2 Slide Clamp Ring

Step 39: Attach Elbow Assembly to Elbow Assembly Part 1

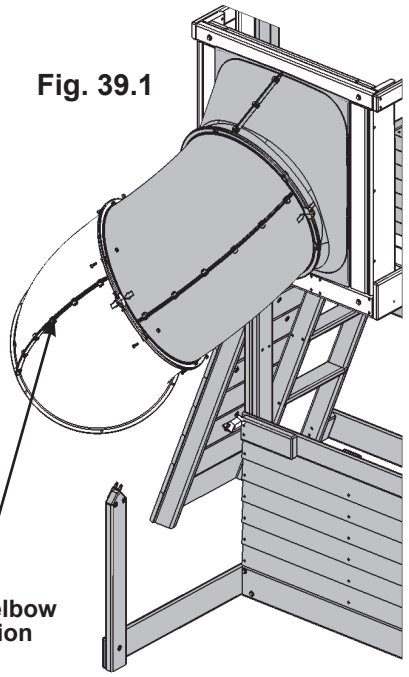
Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

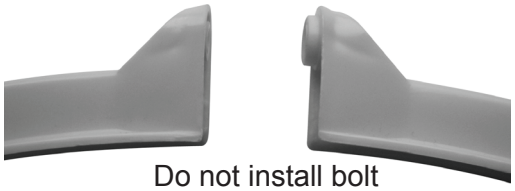
A: Fit a second Elbow Assembly to the first Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 39.1)

B: Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 39.2 and 39.3.

Use Quadrex Driver as a guide pin for each hole before inserting bolt.

Fig. 39.1





Do not install bolt in Clamp Ring ends until Step 39D

Fig. 39.2

Top Slide Bolt Holes

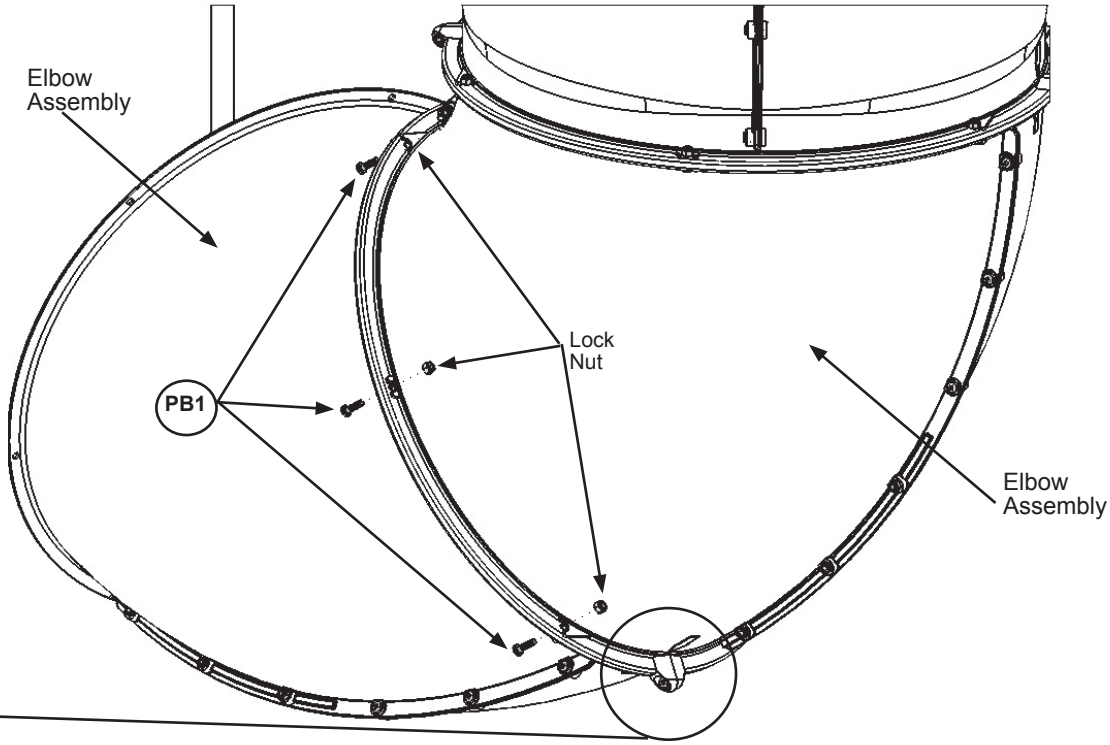
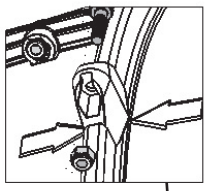


Fig. 39.3



Make sure arrows are aligned

Hardware

3 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

Other Parts

1 x TNR2 Slide Clamp Ring

Step 39: Attach Elbow Assembly to Elbow Assembly Part 2

Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

C: Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 39.3 and 39.4.

D: Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 39.3 and 39.5).

Fig. 39.4

Bottom Slide Bolt Holes

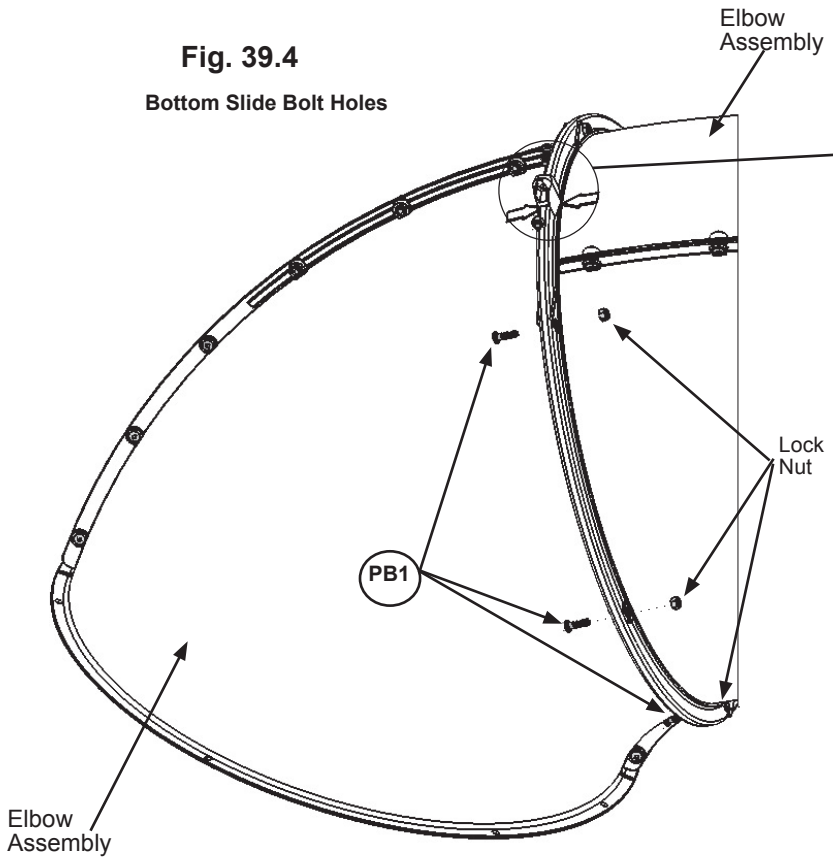
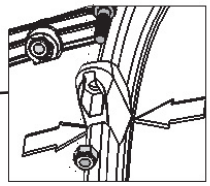
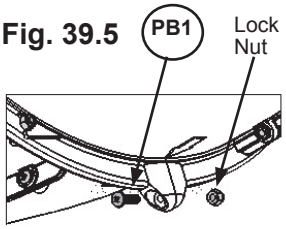


Fig. 39.3



Make sure arrows are aligned

Fig. 39.5



After the clamp rings are attached to the elbows, fasten them end to end with two pan bolts and lock nuts

Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

Other Parts

1 x TNR2 Slide Clamp Ring

Step 40: Attach Elbow Assemblies and TNR2 Slide Support

Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

A: Attach the two remaining Elbow Assemblies as instructed in Steps 38 and 39.

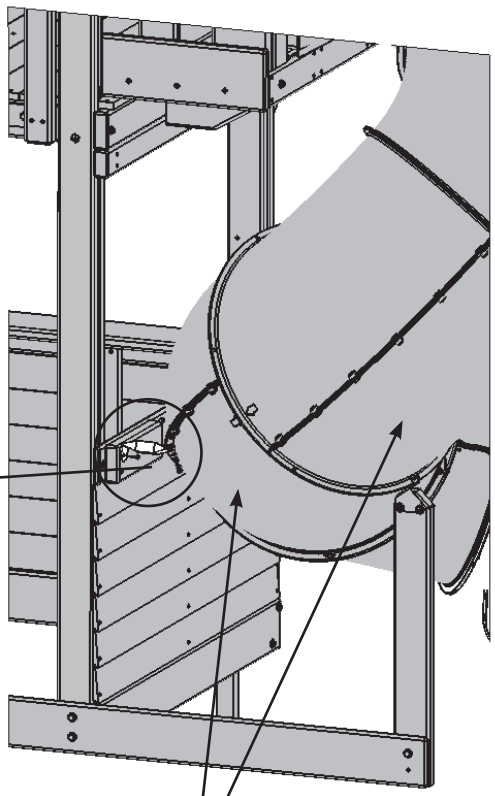
B: On the fourth Elbow Assembly attached remove the pan bolt and nut which is facing the fort (installed in Step 36). (fig. 40.1) **The bolt will no longer be needed, but keep the lock nut.**

C: Loosely attach TNR2 Slide Support (at the slightly bent end) to the Clamp Ring using 1 (PB6) 1/4 x 1" Pan Bolt (with flat washer and the previously removed lock nut). (fig. 40.2)

D: Rotate TNR2 Slide Support and attach to (2428) SL Block using 1 (S6) #12 x 1" Pan Screw as shown in fig. 40.2.

E: Fully tighten screw and bolt.

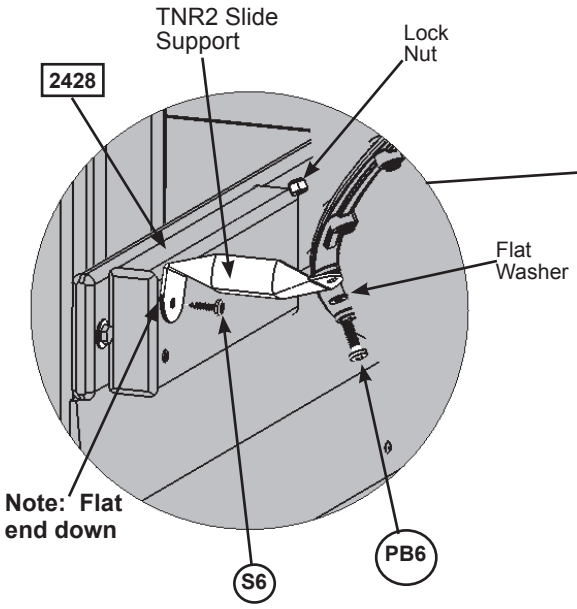
Fig. 40.1



Remove PB1 (1/4 x 3/4" Pan Bolt first then install PB6 (1/4 x 1" Pan Bolt with flat washer)

Attach 2 remaining Elbow Assemblies

Fig. 40.2



Hardware

1 x (S6) #12 x 1" Pan Screw

1 x (PB6) 1/4 x 1" Pan Bolt (1/4" flat washer & 1/4" lock nut - previously removed)

16 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

Other Parts

1 x TNR2 Slide Support
4 x TNR2 Slide Clamp Ring

Step 41: Attach SL Support to Ground Back

A: Use (1450) SL Support as a guide to judge the proper bolt location, remove the bottom pan bolt and nut. ***The bolt will no longer be needed, but keep the lock nut.*** (fig. 41.1 and 41.2)

B: Attach the top of the TNR2 Post Mount to TNR2 Slide Clamp Ring using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with the previously removed lock nut). (fig. 41.2)

C: Tighten bolts in (1450) SL Support. (fig. 41.2)

Fig. 41.1

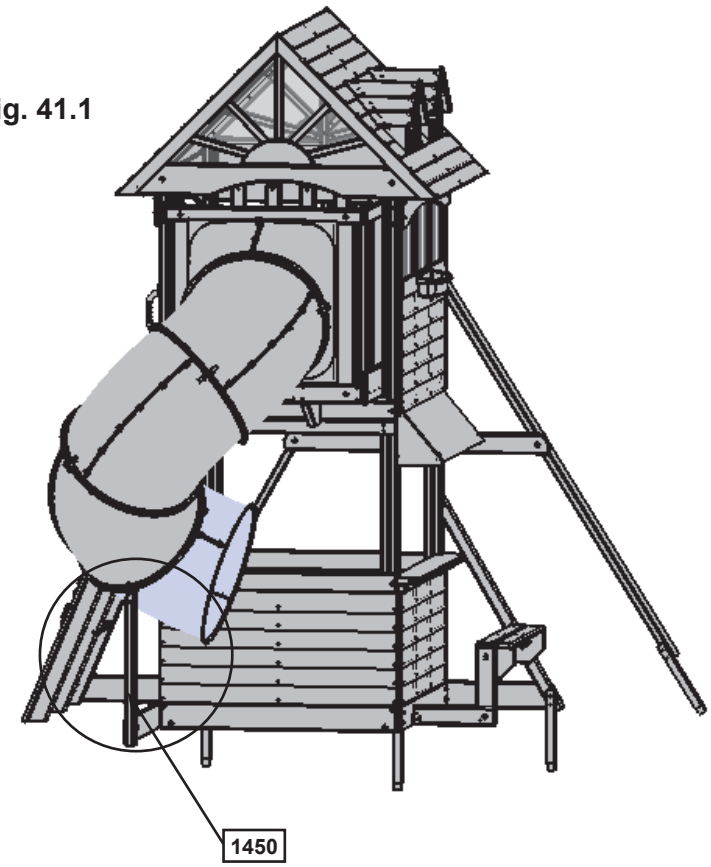
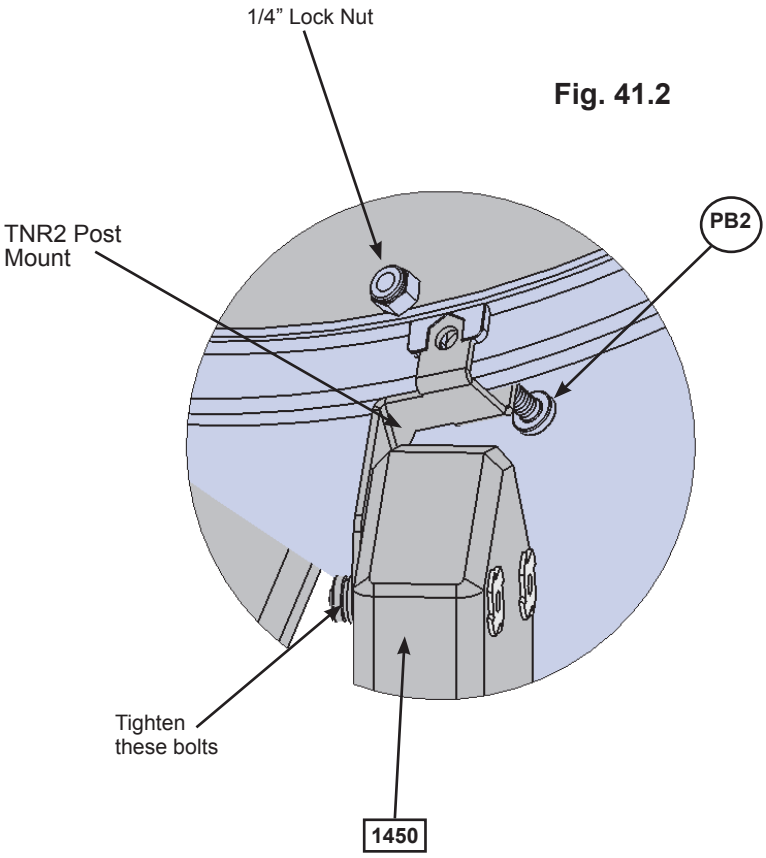


Fig. 41.2



Remove PB1 (1/4 x 3/4" Pan Bolt first then install PB2 (1/4 x 1-1/4" Pan Bolt with previously removed lock nut)

Hardware

1 x (PB2) 1/4 x 1-1/4" Pan Bolt

Step 42: Attach TNR2 Slide Exit to Exit Elbow Assembly

A: Insert flange of Exit Elbow Assembly (slide elbow) into the slots on TNR2 Slide Exit. (fig. 42.1)

B: Rotate Slide Exit and use Quadrex Driver as a guide pin so the holes are aligned and attach with 5 (PB1) 1/4 x 3/4" Pan Bolts (with lock nuts) starting with the bottom middle hole and working up each side. (fig. 42.2 and 42.3)

C: At this point make sure all the slide bolts are tight. ***Use a 7/16" open end wrench to hold nut and then tighten bolt with Quadrex Driver on Clamp Rings.***

Fig. 42.1

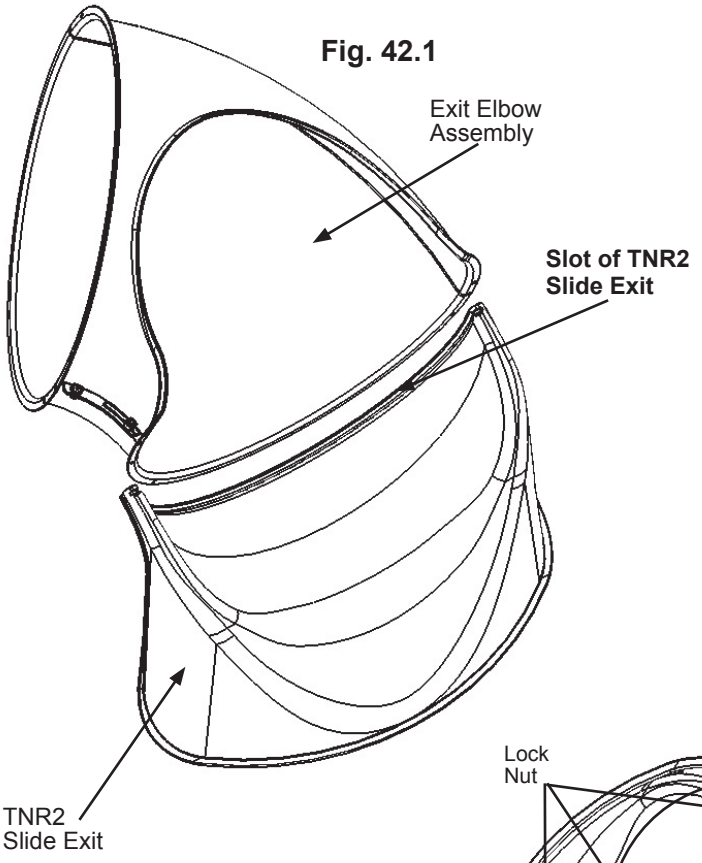


Fig. 42.3

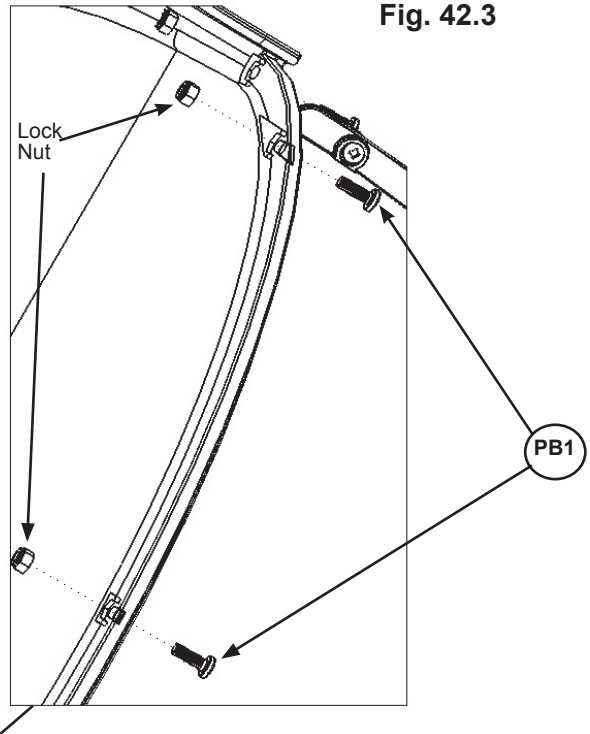
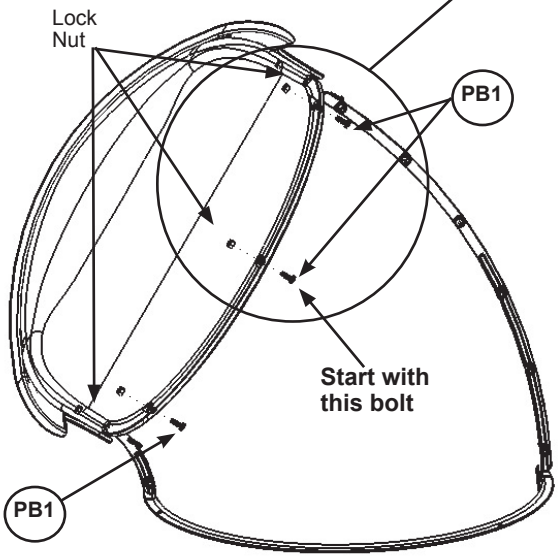


Fig. 42.2



Bottom of Slide Views

Hardware

5 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

Other Parts

1 x TNR2 Slide Exit

Step 43: Attach Exit End Assembly to Fort

Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. Keep all bolts loose until further step.

A: Fit the Exit End Assembly to the last Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 43.1)

B: Attach 1 TNR2 Slide Clamp Ring to the top of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 43.1.

Use Quadrex Driver as a guide pin for each hole before inserting bolt.

C: Attach 1 TNR2 Slide Clamp Ring to the bottom of the joined Assemblies using 3 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut), making sure to match the arrows up with the end of the clamp ring (where a seam will be) as shown in fig. 43.2.

D: Connect the 2 TNR2 Slide Clamp Rings together in 2 spots using 1 (PB1) 1/4 x 3/4" Pan Bolt (with lock nut) per hole. Make sure seams and arrows line up and then tighten all bolts. (fig. 43.3).

Fig. 43.1 Top Slide Bolt Holes

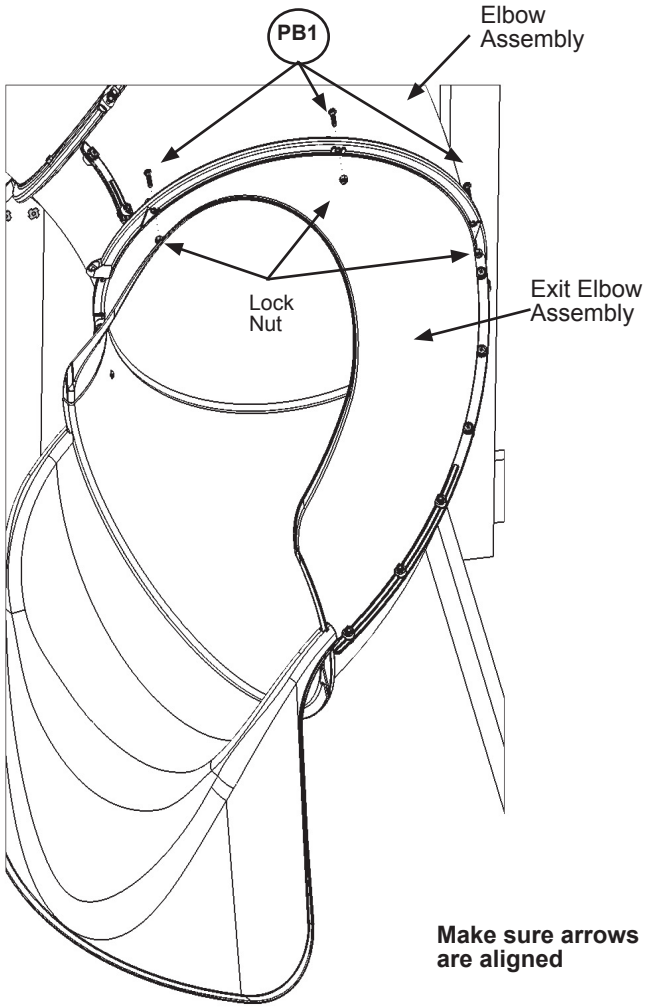


Fig. 43.2 Bottom Slide Bolt Holes

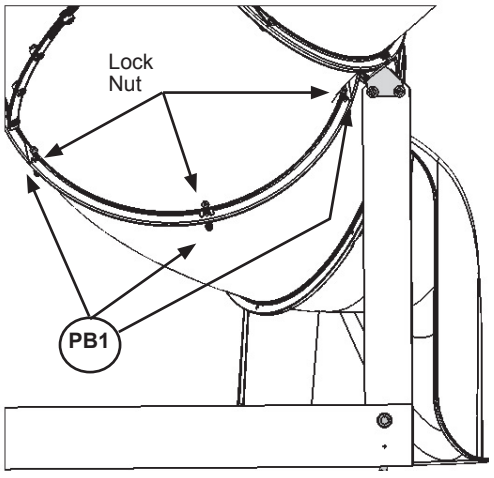
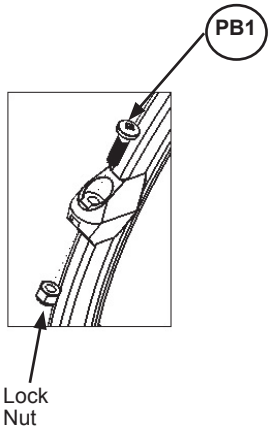


Fig. 43.3

After the clamp rings are attached to the elbows, fasten them end to end with two pan bolts and lock nuts



Hardware

8 x (PB1) 1/4 x 3/4" Pan Bolt (1/4" lock nut)

Other Parts

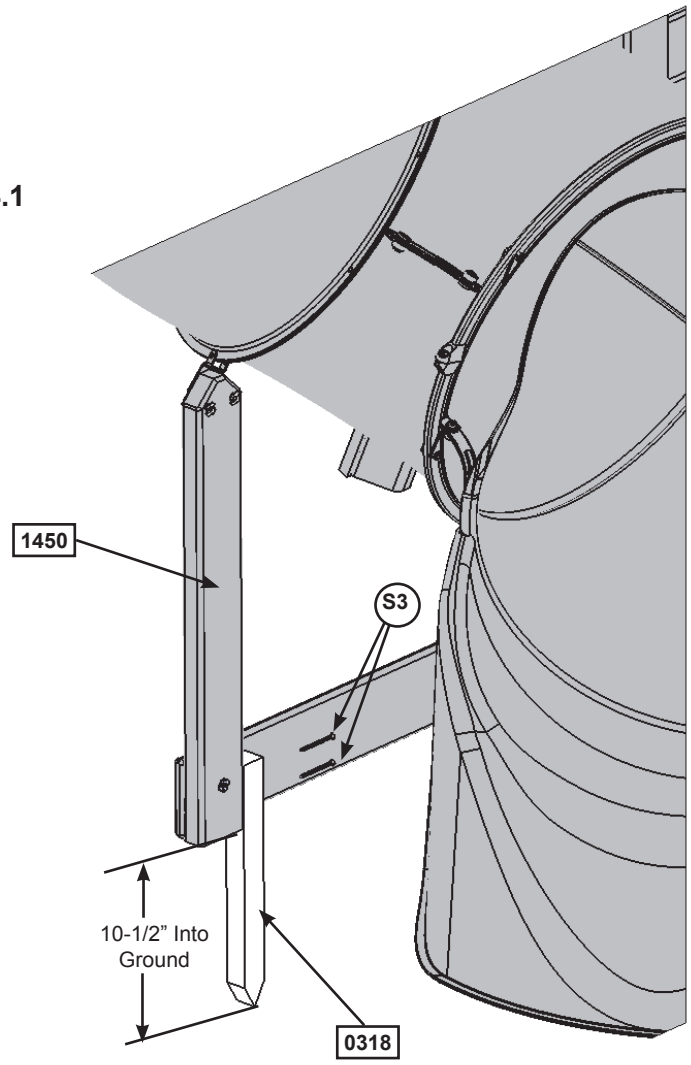
2 x TNR2 Slide Clamp Ring

Step 44: Attach Ground Stake to SL Support

A: Drive 1 (0318) Ground Stake 10-1/2” into the ground tight to (1450) SL Support and attach using 2 (S3) #8 x 2-1/2” Wood Screws. (fig. 44.1)

⚠WARNING: To prevent tipping and avoid potential injury, stakes must be driven 10-1/2” into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 44.1



Wood Parts

1 x 0318 Ground Stake 1-1/4 x 1-1/2 x 14”

Hardware

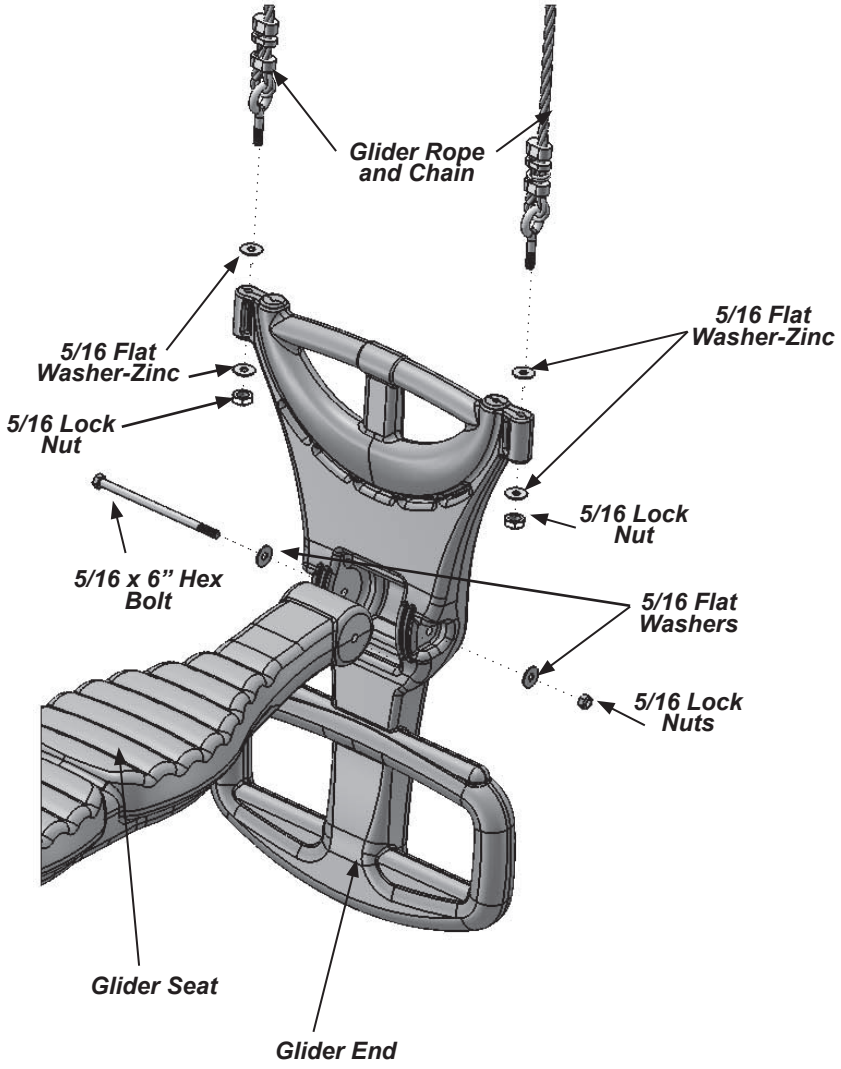
2 x S3 #8 x 2-1/2” Wood Screw

Step 45: Glider Assembly

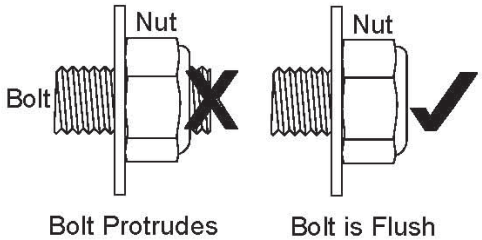
A: Attach 1 Glider End to the Glider Seat using 1 (Z) 5/16 x 6” Hex Bolt (with 2 flat washers and 1 lock nut). Repeat for the second Glider End. (fig. 45.1)

B: Install 2 Glider Rope with Chains into each Glider End using 2 - 5/16” Flat Washers and 1 Lock Nut per rope. (fig. 45.1)

Fig. 45.1



⚠WARNING: Bolt must not exceed 1/2 thread past the nut



Hardware

2 x (Z) 5/16 x 6” Hex Bolt (5/16” flat washer x 2, 5/16” lock nut)

8 x 5/16” Flat Washer

4 x 5/16” Lock Nut

Other Parts

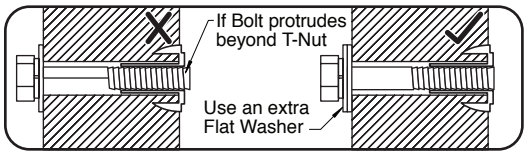
2 x Glider Ends

1 x Glider Seat

1 x Glider Rope and Chain (pkg of 4)

Step 46: Attach Glider and Swings

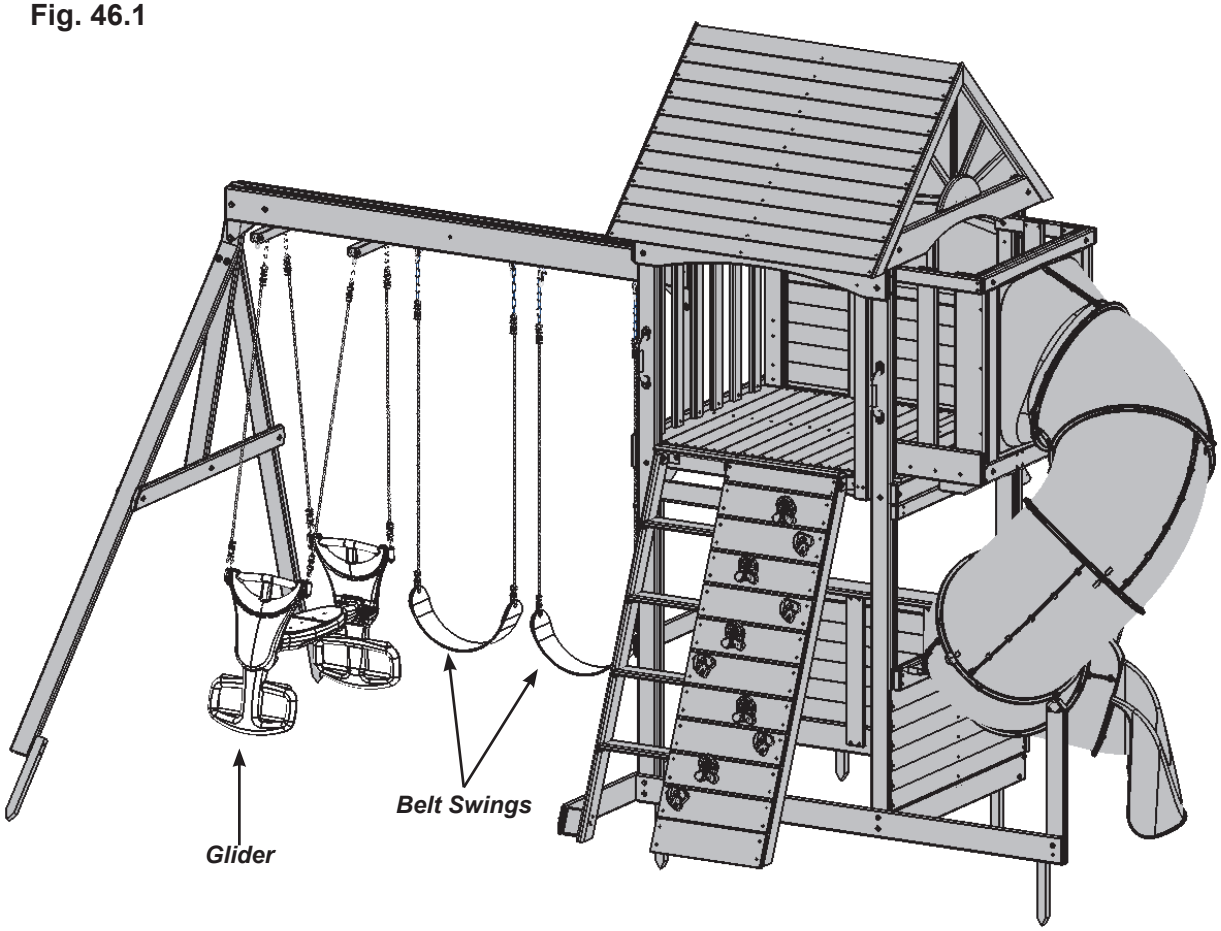
⚠WARNING: Check entire play centre for bolts protruding beyond T-Nuts. Use extra washers to eliminate this condition.



A: Connect the assembled Glider to the Glider Hangers previously installed. (fig. 46.1)

B: Attach 2 Belt Swings to the Bolt-Thru Swing Hangers. (fig. 46.1)

Fig. 46.1



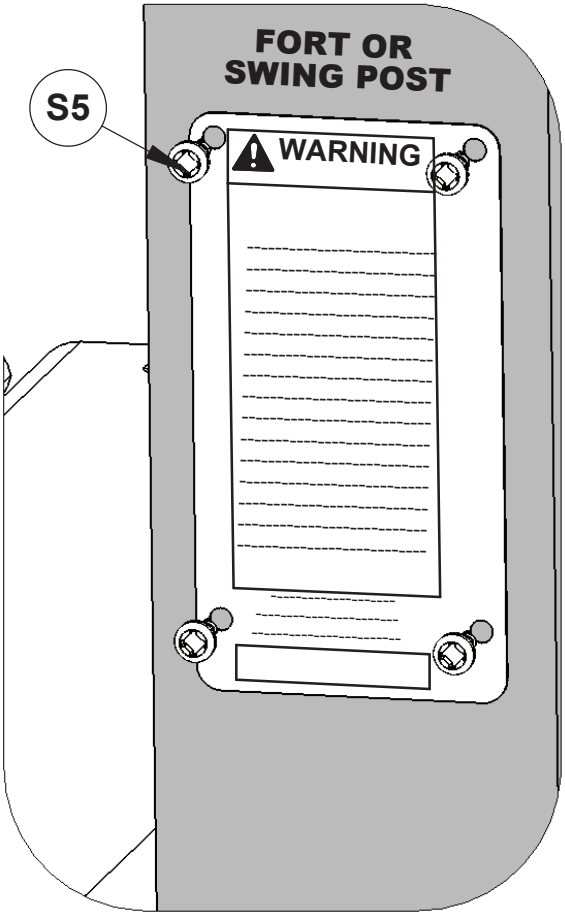
Other Parts

2 x Belt Swings

Final Step: Attach I.D. Plaque

ATTACH THIS WARNING & I.D. PLAQUE TO A PROMINENT LOCATION ON YOUR PLAY EQUIPMENT! (Fort or Swing Post)

This provides warnings concerning safety and important contact information. A Tracking Number is provided to allow you to get critical information or order replacement parts for this specific model.



Attach with (S5) #8 x 1/2" Pan Screws to a location on your set that is easily seen and read by a supervising adult.

WARNING
AVERTISSEMENT

CONTINUOUS ADULT SUPERVISION REQUIRED!

STRANGULATION HAZARDS

Never allow children to play with ropes, clotheslines, pet leashes, cables, chains or cord-like items when using this playset or to attach these items to play-set.

Never allow children to wear loose fitting clothing, ponchos, hoods, scarves, capes, necklaces, or items with draw-strings, cords or ties when using this play-set.

Never allow children to wear bike or sport helmets when using this play-set.

Failure to prohibit these items increases the risk of serious injury and death to children from entanglement and strangulation.

SERIOUS HEAD INJURY HAZARD

Maintain shock absorbing material under and around play-set as recommended in the Installation & Operating Instructions. Installation over concrete, asphalt, dirt, grass, carpet and other hard surfaces creates a risk of serious injury or death from falls to the ground.

SURVEILLANCE CONSTANTE D'ADULTES EST REQUIS!

Risques D'étranglement

Ne jamais laisser les enfants jouer avec des cordes, cordes à linge, laisses pour animaux , des câbles,des chaînes ou ces type articles pendant de l'utilisation de cet portique de jeu ou à l'attaché de ces éléments à la portique de jeu.

Ne jamais laissez les enfants de porter des vêtements amples, des ponchos, des hottes, des foulards, capes, des colliers ou des articles avec cordes attirent ou les cordons pendant l'utilisation de cet portique de jeu.

Ne jamais laissez les enfants porter un casque de vélo oude sport quand ils utilisent ce portique de jue.

Défaut d 'interdire ces éléments augmente le risque de blessures graves et de décès des enfants de enchevêtrement et d'étranglement.

RISQUE DE BLESSURES GRAVES DU TêTE

Maintenir le matériau absorbant les chocs sous et autour de la portique de jeu comme recommandé danslesInstructions D'installation.Installation sur béton, de l'asphalte, sol, de l'herbe, tapis et autres surfaces hdure crée un risque de blessure à la tête graves ou la mort causé par tomber à la sol.

THIS PRODUCT IS INTENDED FOR USE BY CHILDREN FROM AGES 3 TO 10; weight limit of 110 lbs. per child. Maximum number of users, Installation & Operating Instructions; other information is available at:

POUR LES ENFANTS DE 3 À 10 ANS D'ÂGE; limite de 110 Livres par enfant. Nombre maximum d' utilisateurs, installation et d'utilisation; d'autres informations sont disponibles sur:

www.KidKraft.com
Contact us at: KidKraft
Dallas, TX 75244 USA
1-800-933-0771

Tracking Number:
Numèro de Suivi:

NOTES

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KIDKRAFT

Consumer Registration Card

First Name | Initial | Last Name

Street | Apt. No.

City | State/Province | ZIP/Postal Code

Country | Telephone Number

E-Mail Address

Model Name | Model Number (Box Labels)

Serial Number (on ID Plaque)

Date Purchase | Purchased From

MM / DD / YY

How would you rate this product for quality?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate this product for ease of assembly?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate our instructions?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate the quality of packaging?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

Would you recommend the purchase of our products to friends and family?

☐ Yes ☐ No

Comments:

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

CUT ALONG LINE