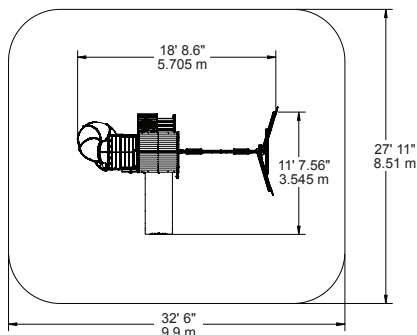


COPPER RIDGE PLAYSET F29055

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 set. Manufacturer contact information provided below.

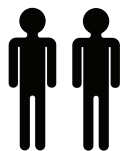
OBSTACLE FREE SAFETY ZONE - 32' 6" x 27' 11" (9.9 x 8.51 m) area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 7' 8" (2.34m)

CAPACITY - 16 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (49.9 kg) per child.

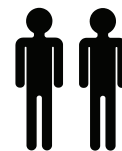
RESIDENTIAL HOME USE ONLY. Not intended for public areas such as multi-unit residences, schools, churches, nurseries, day cares or parks.

Warning. Only for domestic use.



1 - 2 Hrs
TUBE SLIDE

TWO PERSON
ASSEMBLY



14 - 18 Hrs
FOR FORT & SWING

TWO PERSON
ASSEMBLY



For Outdoor Family Domestic Use Only



Cedar Summit by KidKraft
4630 Olin Road
Dallas, TX 75244, United States

customerservice@kidkraft.com
Online Parts Replacement: parts.kidkraft.com
To warranty your product: kidkraft.com/warranty/
Customer Service:
1(800) 933-0771 or (972) 385-0100

KidKraft Netherlands BV
Olympisch Stadion 8
1076 DE Amsterdam, The Netherlands

Europe Customer Service: +31 (0)20 305 8620
europecustomerservice@kidkraft.com
EU Online Parts Replacement: parts.kidkraft.eu

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Installation of I.D./Warning Plaque.....	Final Step

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 (23 cm) of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet (2,45 m) high; and 9 inches (23 cm) of sand or pea gravel for equipment up to 5 feet (1,5 m) high. NOTE: An initial fill level of 12 inches (31 cm) will compress to about a 9-inch (23 cm) 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 (23 cm) depth.
- Use a minimum of 6 inches (16 cm) of protective surfacing for play equipment less than 4 feet (1,22 m) in height. If maintained properly, this should be adequate. (At depths less than 6 inches (16 cm), 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

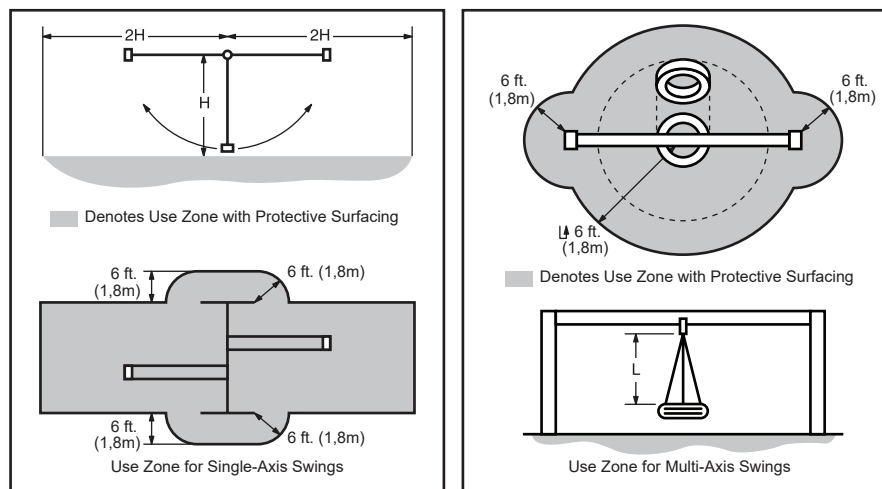
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

- 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/manufacture 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 6 feet (1,8 m) 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 (1,8 m) in all directions.



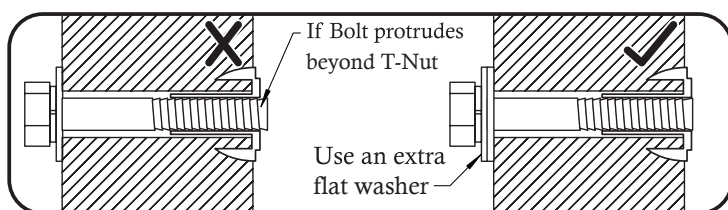
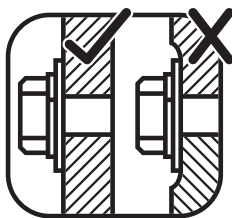
Instructions for Proper Maintenance

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.
- ✓ Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.

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.

KidKraft Limited Warranty

MISSING OR DAMAGED PARTS:

KidKraft will replace any parts within 90 days from date of purchase found to be missing from or damaged in the original packaging. See Fig.1

Fig. 1	<u>Product Age (All Parts)</u> 0-90 Days from date of purchase	<u>Consumer Pays</u> \$0 for Part + Free Shipping
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DEFECTS IN MATERIAL AND WORKMANSHIP:

KidKraft warrants that this product is free from defects in materials and workmanship for a period of one (1) year from the original date of purchase (dated sales receipt and/or product registration is required). This one (1) year warranty covers all parts including wood, hardware, and all accessories (Such as swings, rides, and slides). See Fig. 2

Fig. 2	<u>Product Age (All Parts)</u> 91 Days to 1 Year	<u>Consumer Pays</u> \$0 for Part + Free Shipping
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WOOD ROT, DECAY, AND INSECT DAMAGE:

All wood carries a five (5) year warranty against rot, decay, and insect damage (dated sales receipt and/or product registration is required). Refer to the schedule below for charges associated with replacement of wood parts under this **Limited Warranty**. See Fig. 3

Fig. 3	<u>Product Age (Wood Parts)</u> 0 Days to 1 Year After 1 Year to 5 Year Over 5 Years	<u>Consumer Pays</u> \$0 for Part + Free Shipping \$0 for Part + Shipping & Handling 100% for Part (if available) + Shipping & Handling
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This warranty applies to the original owner and registrant and is non-transferable. Regular maintenance is required to ensure the integrity of this product. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty.

This Limited Warranty does NOT cover:

- Any inspection cost
- Labor and/or costs for replacement of any defective item(s), including but not limited to, professional installer costs
- Incidental or consequential damages, including but not limited to, as a result of set relocation, move and/or reinstall
- Cosmetic defects which do not affect performance or integrity of a part or the entire product
- Vandalism, improper use or installation, or acts of nature, including but not limited to, high winds, fire, and flood
- Minor twisting, warping, checking, or any natural occurring properties of wood that do not affect performance or integrity.
- Any KidKraft product purchased, including but not limited to, a non-approved retailer, auction houses, second-hand, and as-is clearance items.

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

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

Keys to Assembly Success

Tools Required

<ul style="list-style-type: none"> • Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill • Rubber Mallet 	<ul style="list-style-type: none"> • #1 Phillips, #2 Robertson and Screwdriver • Ratchet with extension (1/2" & 9/16" sockets) 	<ul style="list-style-type: none"> • Open End Wrench (1/2" & 9/16") • Adjustable Wrench • 1/8" & 3/16" Drill Bits 	<ul style="list-style-type: none"> • 3/16" Hex Key • 8' Step Ladder • Safety Glasses • Adult Helpers • Pencil
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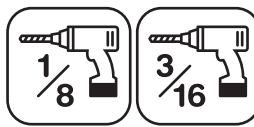
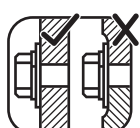
Part Identification Key

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

2X	012	Post 2 x 4 x 83"
Quantity	Key Number	Part Description, Part Size

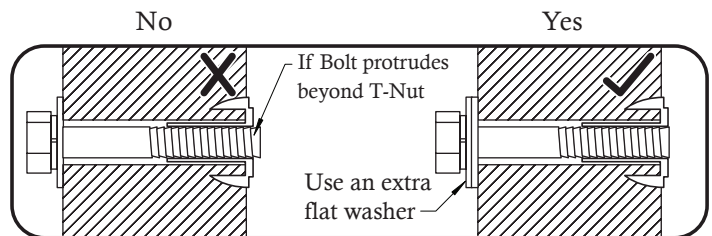
Symbols

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

<p>This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.</p> 		<p>Check that set or assembly is properly level before proceeding.</p> <p>Use Level</p> 
<p>Use Help</p> 	<p>Use Help</p> 	<p>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!</p>
<p>Measure Distance</p> 	<p>Check that assembly is square before tightening bolts.</p>	<p>Square Assembly</p> 
<p>Use a measuring tape to assure proper location.</p>		<p>Pre-drill 1/8" & 3/16" Bit</p>  <p>Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.</p> <p>Tighten Bolts</p>  <p>This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.</p>

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.

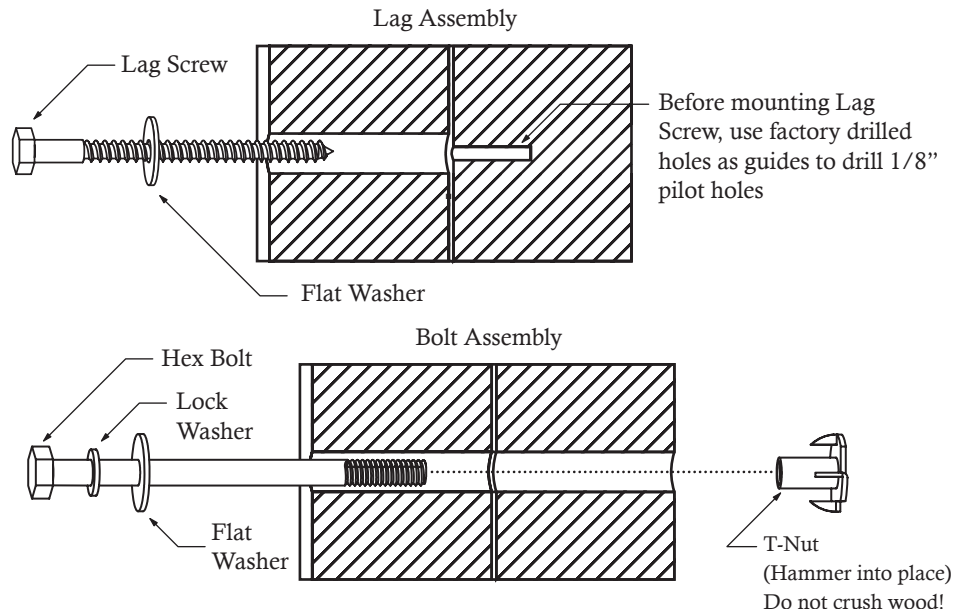


Proper Hardware Assembly

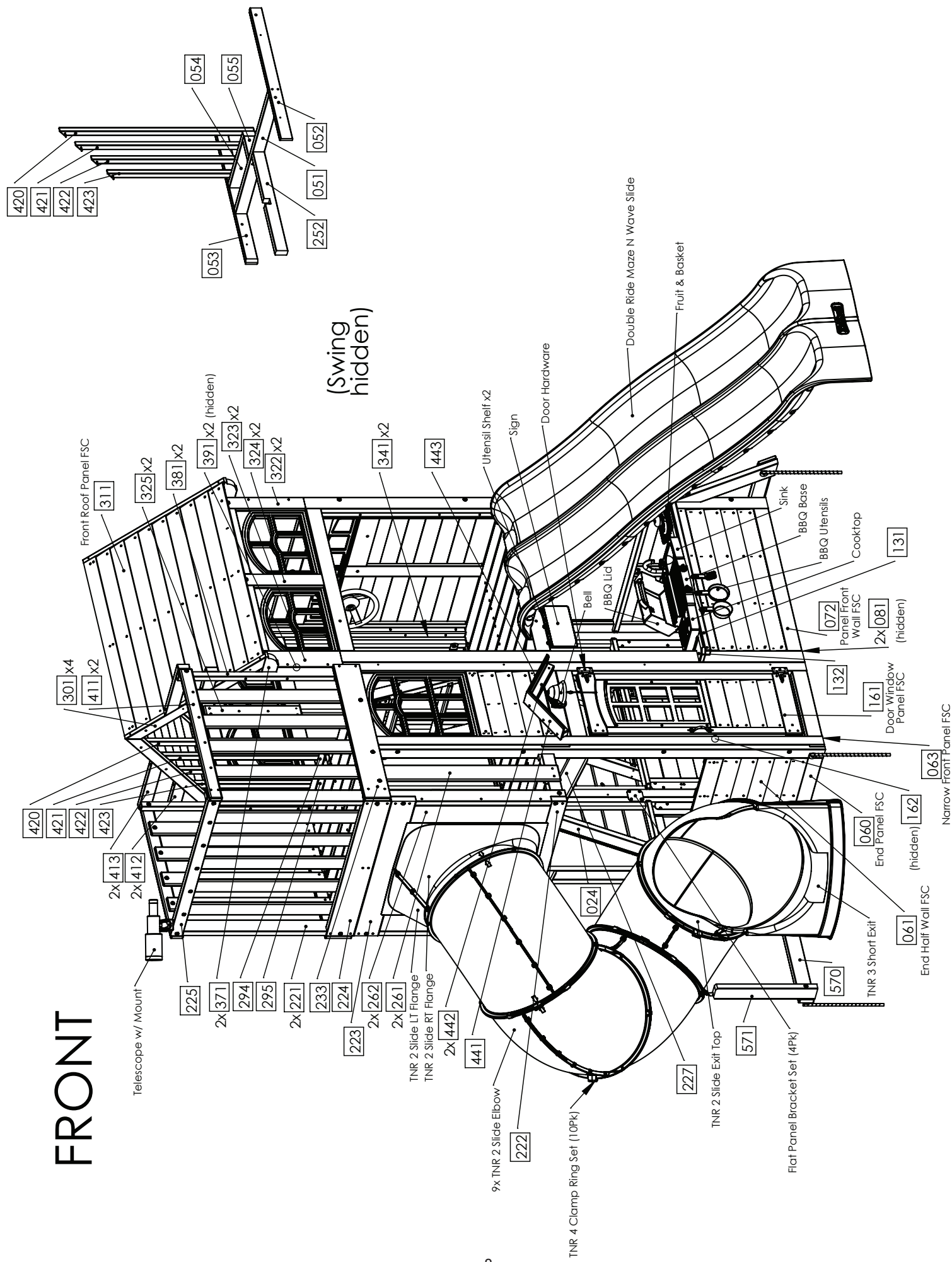
Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

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.



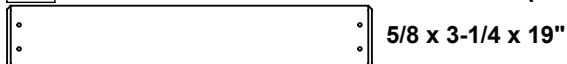
FRONT



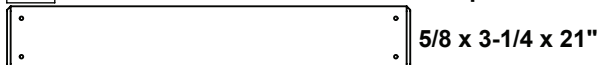
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Part Identification (Reduced Part Size)

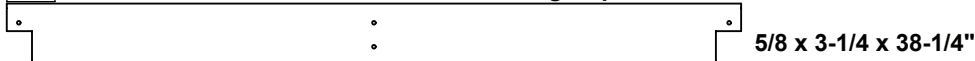
2pc. - **044** - 15.9 x 82.6 x 482.6mm - Nest Ladder Gap FSC - Box 3 - 4819234



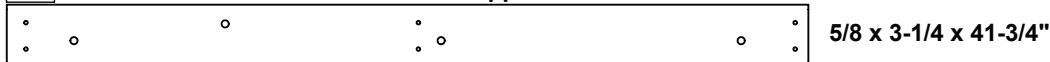
1pc. - **023** - 15.9 x 82.6 x 533.4mm - Ladder Gap FSC - Box 3 - 4818958



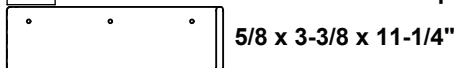
1pc. - **292** - 15.9 x 82.5 x 971.5 - Crowsnest Floor Long Gap FSC - Box 3 - 4819315



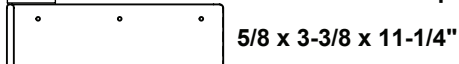
1pc. - **025** - 15.9 x 82.6 x 1060.5 mm - RW-AL Support FSC - Box 3 - 4819263



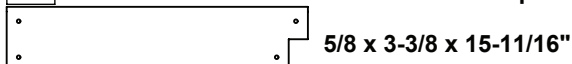
1pc. - **453** - 15.9 x 85.7 x 285.8 mm - Bell Top RT FSC - Box 3 - 4609101



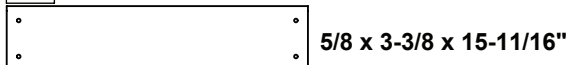
1pc. - **451** - 15.9 x 85.7 x 285.8 mm - Bell Top FSC - Box 3 - 4609102



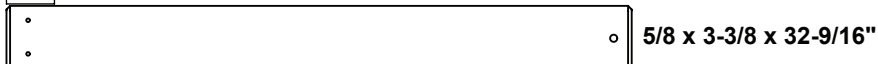
1pc. - **294** - 15.9 x 85.7 x 398.5mm - Short Floor Gap FSC - Box 3 - 4819264



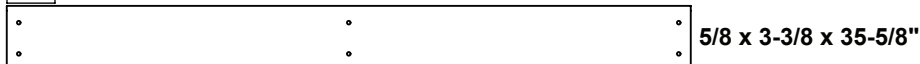
1pc. - **295** - 15.9 x 85.7 x 398.5mm - Short Floor FSC - Box 3 - 4819265



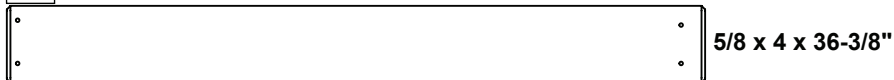
13pc. - **414** - 15.9 x 85.7 x 827.1mm - Cedar Wall FSC - Box 3 - 4819308



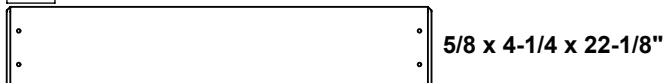
1pc. - **113** - 15.9 x 85.7 x 904.9mm - Floor Board FSC - Box 3 - 4819050



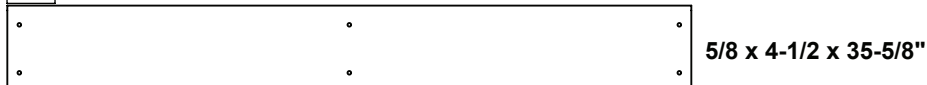
2pc. - **261** - 15.9 x 101.6 x 923.8 - Wall Board FSC - Box 2 - 4819313



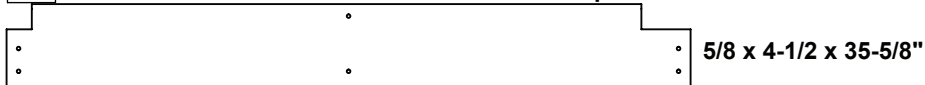
1pc. - **031** - 15.9 x 108 x 562mm - Access Board FSC - Box 3 - 4819032



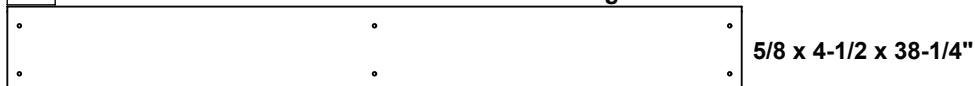
18pc. - **111** - 15.9 x 114.3 x 904.9mm - Floor Board FSC - Box 2 - 4819051



1pc. - **271** - 15.9 x 114.3 x 904.9mm - Crowsnest Front Gap FSC - Box 3 - 4819291



2pc. - **291** - 15.9 x 114.3 x 971.5mm - Crowsnest Floor Long FSC - Box 3 - 4819314



Part Identification (Reduced Part Size)

2pc. - **030** - 15.9 x 133.4 x 562mm - Access Rock Bottom FSC - Box 3 - 4818515



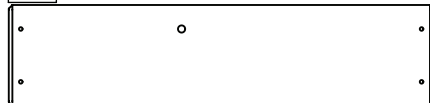
5/8 x 5-1/4 x 22-1/8"

3pc. - **032** - 15.9 x 133.4 x 562mm - Rock Board A FSC- Box 3 - 4818511



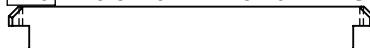
5/8 x 5-1/4 x 22-1/8"

5pc. - **033** - 15.9 x 133.4 x 562mm - Board Rock B FSC - Box 3 - 4818512



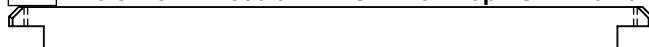
5/8 x 5-1/4 x 22-1/8"

1pc. - **123** - 23.8 x 57.2 x 482.6mm - Small Half Wall Top FSC - Box 2 - 4819323



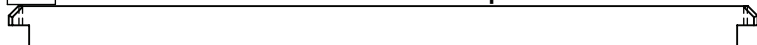
15/16 x 2-3/8 x 19"

1pc. - **121** - 23.8 x 57.2 x 850.9mm - SW Wall Top FSC - Box 3 - 4819071



15/16 x 2-3/8 x 33-1/2"

1pc. - **122** - 23.8 x 57.2 x 990.6mm - Half Wall Top FSC - Box 2 - 4819131



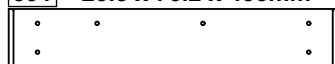
15/16 x 2-1/4 x 39"

2pc. - **411** - 23.8 x 63.5 x 857.3 - Crowsnest Top Side FSC - Box 2 - 4819309



15/16 x 2-1/2 x 33-3/4"

2pc. - **391** - 23.8 x 76.2 x 435mm - Short Wall Tie FSC - Box 2 - 4819266



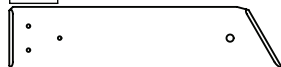
15/16 x 3 x 17-1/8"

2pc. - **325** - 23.8 x 76.2 x 489mm - Wall Tie FSC - Box 3 - 4819117



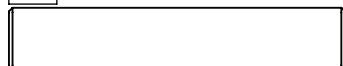
15/16 x 3 x 19-1/4"

1pc. - **141** - 23.8 x 82.6 x 362 mm - SW Ground FSC - Box 3 - 4812606



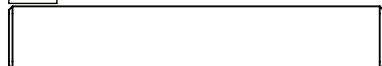
15/16 x 3-1/4 x 14-1/4"

3pc. - **043** - 23.8 x 82.6 x 444.5mm - Nest Tread FSC - Box 2 - 4819243



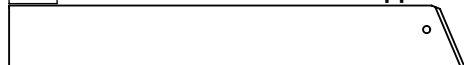
15/16 x 3-1/4 x 17-1/2"

4pc. - **022** - 23.8 x 82.6 x 495.3 mm - Tread FSC - Box 3 - 4818957



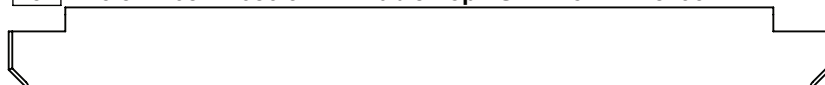
15/16 x 3-1/4 x 19-1/2"

1pc. - **151** - 23.8 x 82.6 x 601.7mm - Support Diagonal FSC - Box 2 - 4819269



15/16 x 3-1/4 x 23-11/16"

1pc. - **132** - 23.8 x 108 x 1086.5mm - Table Top FSC - Box 2 - 4819324



15/16 x 4-1/4 x 42-3/4"

1pc. - **233** - 23.8 x 133.4 x 889mm - Crowsnest Bottom Side Front FSC - Box 2 - 4819307



15/16 x 5-1/4 x 35"

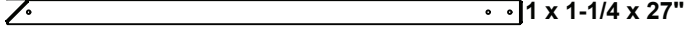
Part Identification (Reduced Part Size)

1pc. - **231** - 23.8 x 133.4 x 889mm - Crowsnest Bottom Side Back FSC - Box 2 - 4819306



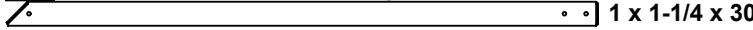
15/16 x 5-1/4 x 35"

1pc. - **423** - 25.4 x 31.8 x 686.2mm - Angle Wall D FSC - Box 2 - 4819319



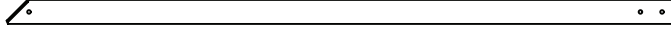
1 x 1-1/4 x 27"

1pc. - **422** - 25.4 x 31.8 x 786.7mm - Angle Wall C FSC - Box 2 - 4819320



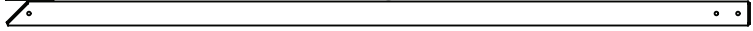
1 x 1-1/4 x 30-31/32"

1pc. - **421** - 25.4 x 31.8 x 887.2mm - Angle Wall B FSC - Box 2 - 4819321



1 x 1-1/4 x 34-15/16"

1pc. - **420** - 25.4 x 31.8 x 987.7mm - Angle Wall A FSC - Box 2 - 4819322



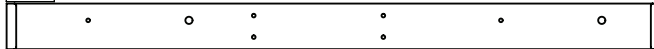
1 x 1-1/4 x 38-7/8"

1pc. - **052** - 25.4 x 60.3 x 865mm - Front Wall Tie FSC - Box 2 - 4819302



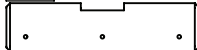
1 x 2-3/8 x 34-1/16"

1pc. - **053** - 25.4 x 60.3 x 865mm - Back Wall Tie FSC - Box 1 - 4819303



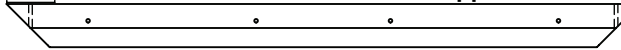
1 x 2-3/8 x 34-1/16"

1pc. - **162** - 25.4 x 63.5 x 254mm - Door Stop FSC - Box 2 - 4812715



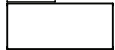
1 x 2-1/2 x 10"

4pc. - **301** - 31.8 x 57.2 x 838.20mm - Roof Support FSC - Box 2 - 4609105



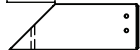
1-1/4 x 2-1/4 x 33"

1pc. - **055** - 31.8 x 60.3 x 139.7mm - Ladder Joist Side FSC - Box 3 - 4819296



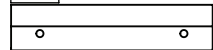
1-1/4 x 2-3/8 x 5-1/2"

2pc. - **412** - 31.8 x 60.3 x 170.5mm - Short Roof Tie FSC - Box 3 - 4819318



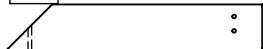
1-1/4 x 2-3/8 x 6-3/4"

2pc. - **232** - 31.8 x 60.3 x 266.7mm - Wall Board Support FSC - Box 2 - 4819312



1-1/4 x 2-3/8 x 10-1/2"

2pc. - **413** - 31.8 x 60.3 x 340.8mm - Roof Tie FSC - Box 3 - 4819260



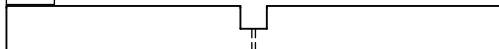
1-1/4 x 2-3/8 x 13-13/32"

1pc. - **054** - 31.8 x 60.3 x 374.7mm - Nest Joist Back FSC - Box 3 - 4819294



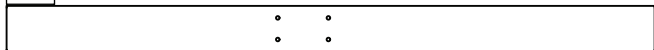
1-1/4 x 2-3/8 x 14-3/4"

1pc. - **252** - 31.8 x 60.3 x 654mm - Nest Joist Center FSC - Box 2 - 4819295



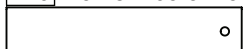
1-1/4 x 2-3/8 x 25-3/4"

1pc. - **051** - 31.8 x 60.3 x 857.3mm - Nest Joist Mid FSC - Box 2 - 4819297



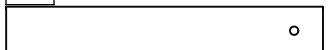
1-1/4 x 2-3/8 x 33-3/4"

2pc. - **226** - 31.8 x 63.5 x 311.2mm - Crowsnest Side Joist FSC - Box 3 - 4819298



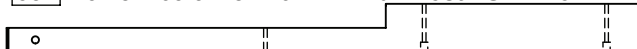
1-1/4 x 2-1/2 x 12-1/4"

2pc. - **332** - 31.8 x 63.5 x 419.1mm - Swing Side Upright FSC - Box 2 - 4819112



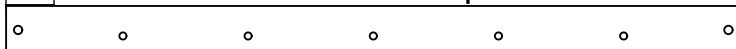
1-1/4 x 2-1/2 x 16-1/2"

2pc. - **381** - 31.8 x 63.5 x 844.6mm - Wall Post FSC - Box 2 - 4819316



1-1/4 x 2-1/2 x 33-1/4"

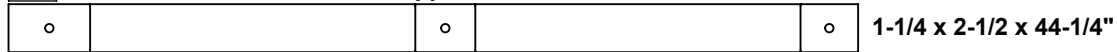
1pc. - **225** - 31.8 x 63.5 x 971.5mm - Barrier Top End FSC - Box 2 - 4819305



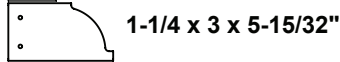
1-1/4 x 2-1/2 x 38-1/4"

Part Identification (Reduced Part Size)

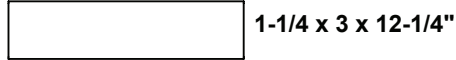
2pc. - **321** - 31.8 x 63.5 x 1124mm - TB Support FSC - Box 2 - 4819114



2pc. - **371** - 31.8 x 76.2 x 138.7mm - Swing Top Small FSC - Box 3 - 4819270



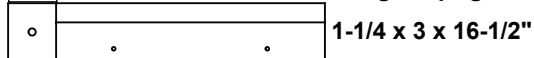
1pc. - **251** - 31.8 x 76.2 x 311.2mm - Short Joist FSC - Box 3 - 4819326



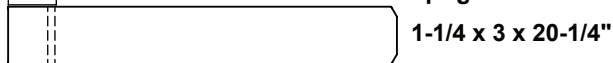
2pc. - **324** - 31.8 x 76.2 x 419.1mm - Center Upright FSC - Box 2 - 4819106



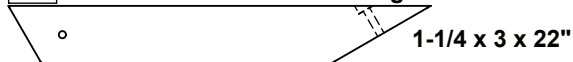
2pc. - **322** - 31.8 x 76.2 x 419.1mm - Right Upright FSC - Box 3 - 4819110



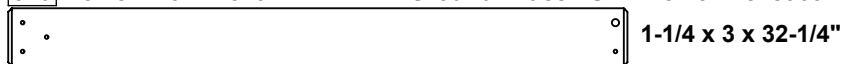
1pc. - **571** - 31.8 x 76.2 x 514.4mm - TNR Upright FSC - Box 3 - 4818965



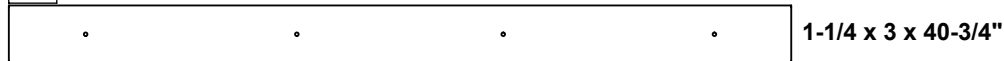
1pc. - **142** - 31.8 x 76.2 x 558.8mm - Diagonal FSC - Box 3 - 4812607



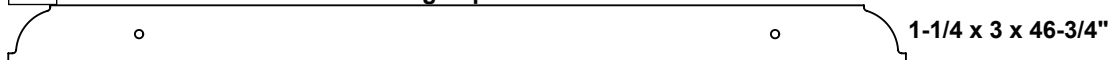
1pc. - **570** - 31.8 x 76.2 x 819.2mm - TNR Ground Brace FSC - Box 3 - 4818963



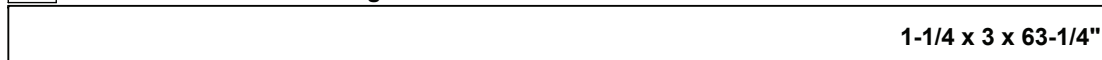
2pc. - **081** - 31.8 x 76.2 x 1035.1mm - Floor Joist FSC - Box 3 - 4812608



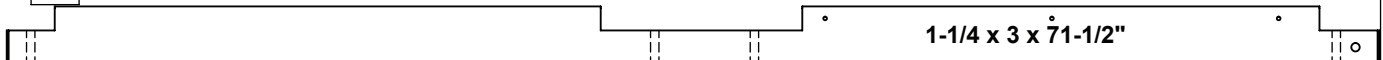
1pc. - **331** - 31.8 x 76.2 x 1187.5mm - Swing Top FSC - Box 3 - 4819113



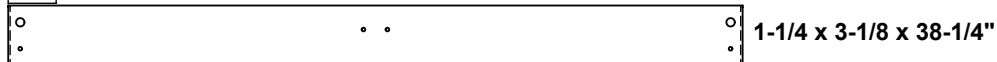
1pc. - **112** - 31.8 x 76.2 x 1606.6 - Long Floor Joist FSC - Box 2 - 4819056



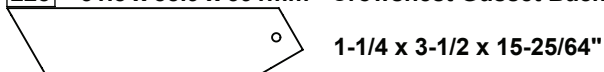
2pc. - **221** - 31.8 x 76.2 x 1816.1 - Crowsnest Post FSC - Box 3 - 4819304



1pc. - **222** - 31.8 x 79.4 x 971.5mm - Crowsnest Front FSC - Box 2 - 4819299



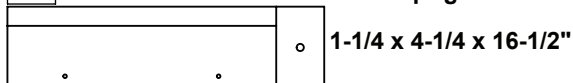
1pc. - **228** - 31.8 x 88.9 x 391mm - Crowsnest Gusset Back FSC - Box 2 - 4819310



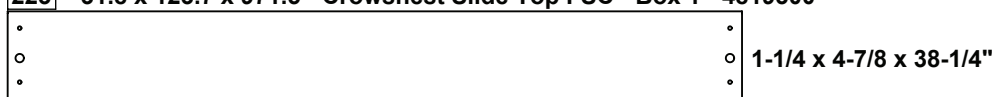
1pc. - **227** - 31.8 x 88.9 x 418.5mm - Crowsnest Gusset Front FSC - Box 2 - 4819311



2pc. - **323** - 31.8 x 108 x 419.1mm - Left Upright FSC - Box 3 - 4819107



1pc. - **223** - 31.8 x 123.7 x 971.5 - Crowsnest Slide Top FSC - Box 1 - 4819300



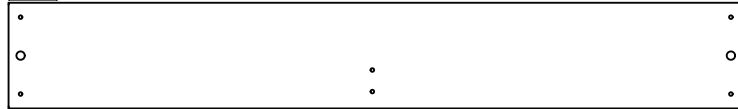
Part Identification (Reduced Part Size)

2pc. - **262** - 31.8 x 128 x 684.3mm - Crowsnest Front Spacer FSC - Box 2 - 4819293



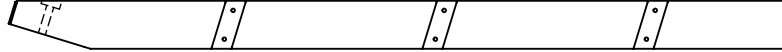
1-1/4 x 5-1/32 x 26-15/16"

1pc. - **224** - 31.8 x 139.8 x 971.5 - Crowsnest Bottom End FSC - Box 3 - 4819301



1-1/4 x 5-1/2 x 38-1/4"

1pc. - **041** - 34.9 x 63.5 x 1045.2mm - Nest Right Access FSC - Box 1 - 4819236



1-3/8 x 2-1/2 x 41-1/8"

1pc. - **042** - 34.9 x 63.5 x 1045.2mm - Nest Left Access FSC - Box 1 - 4819237



1-3/8 x 2-1/2 x 41-1/8"

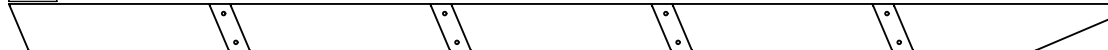
1pc. - **024** - 34.9 x 63.5 x 1468.8mm - Rock Rail FSC - Box 3 - 4819058



1-3/8 x 2-1/2 x 57-53/64"

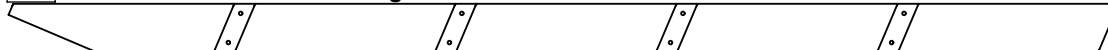
1pc. - **021** - 34.9 x 63.5 x 1468.8mm - Left Access FSC - Box 3 - 4819054

1-3/8 x 2-1/2 x 57-53/64"



1pc. - **020** - 34.9 x 63.5 x 1468.8mm - Right Access FSC - Box 3 - 4819055

1-3/8 x 2-1/2 x 57-53/64"

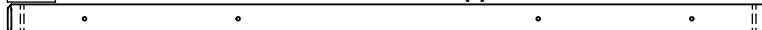


2pc. - **452** - 38.1 x 38.1 x 269.9mm - Bell Support FSC - Box 2 - 4609100



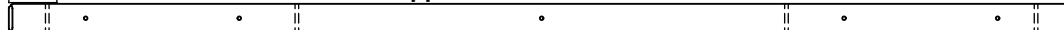
1-1/2 x 1-1/2 x 10-5/8"

1pc. - **131** - 38.1 x 38.1 x 1006.5mm - Table Support FSC - Box 3 - 4812612



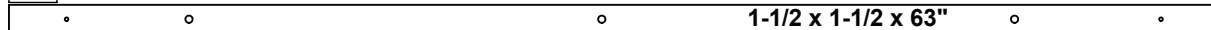
1-1/2 x 1-1/2 x 39-5/8"

2pc. - **341** - 38.1 x 38.1 x 1409.7 - Wall Support FSC - Box 1 - 4819118



1-1/2 x 1-1/2 x 55-1/2"

2pc. - **082** - 38.1 x 38.1 x 1600 - Side Joist FSC - Box 1 - 4819064



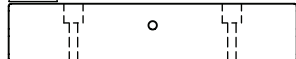
1-1/2 x 1-1/2 x 63"

1pc. - **181** - 63.5 x 76.2 x 381 - SW Block Angle FSC - Box 3 - 4819068



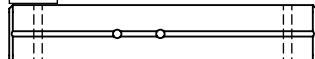
2-1/2 x 3 x 15"

1pc. - **182** - 63.5 x 76.2 x 381 SW Block FSC - Box 3 - 4818507



2-1/2 x 3 x 15"

1pc. - **172** - 76.2 x 76.2 x 406.4 - SW Mount FSC - Box 3 - 4819069



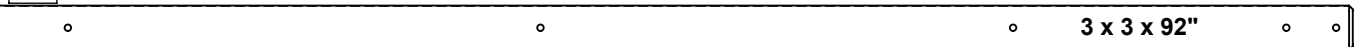
3 x 3 x 16"

1pc. - **191** - 63.5 x 76.2 x 1295.4 - Support Cross FSC - Box 1 - 4819067



2-1/2 x 3 x 51"

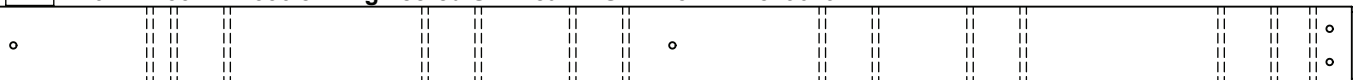
2pc. - **183** - 76.2 x 76.2 x 2336.8mm - SW Post FSC - Box 1 - 4819070



3 x 3 x 92"

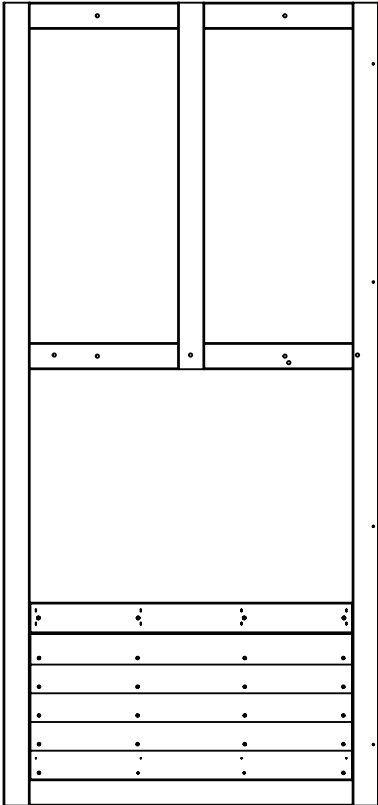
1pc. - **171** - 76.2 x 133.4 x 2336.8 - Engineered SW Beam FSC - Box 1 - 4819049

3 x 5-1/4 x 92"

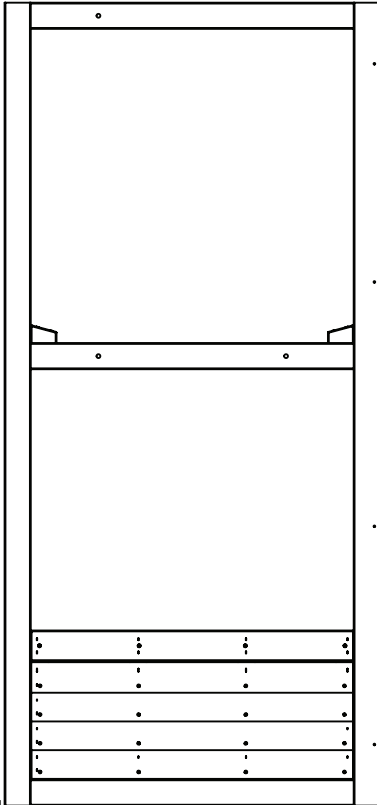


Part Identification (Reduced Part Size)

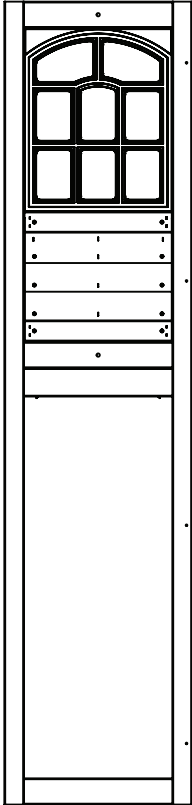
1pc. - **[073]** - 31.8 x 1092.2 x 2336.8mm
Wall Back Panel FSC - Box 2 - 47819203
1-1/4 x 43 x 92"



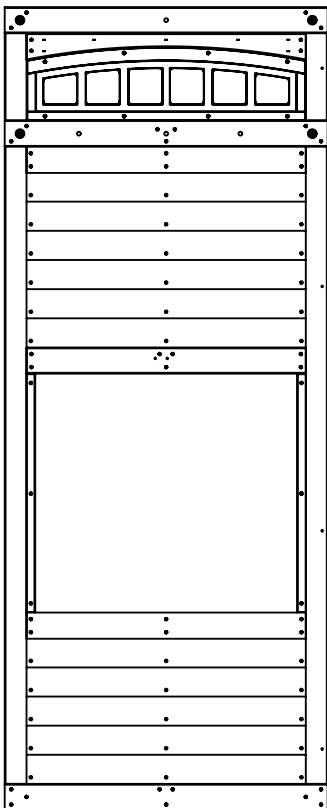
1pc. - **[072]** - 31.8 x 1092.2 x 2336.8mm
Panel Front Wall FSC - Box 2 - 47819135
1-1/4 x 43 x 92"



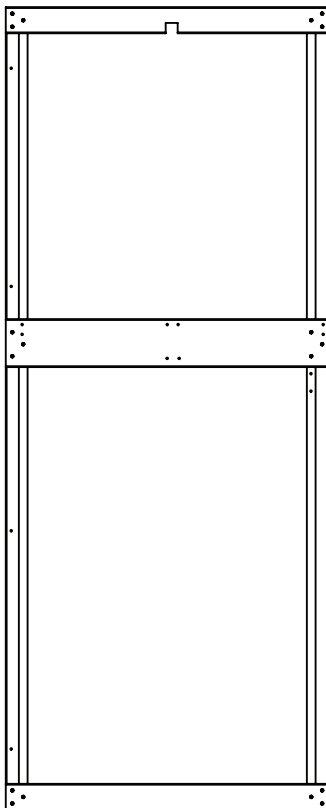
1pc. - **[063]** - 31.8 x 546.1 x 2336.8mm
Narrow Front Panel FSC - Box 2 - 47819144
1-1/4 x 21-1/2 x 92"



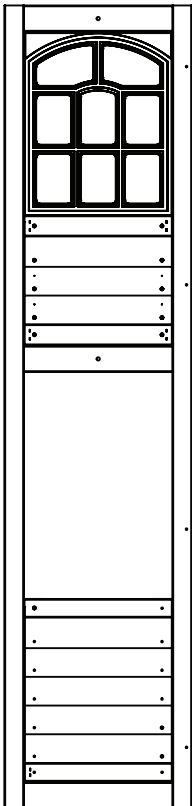
1pc. - **[071]** - 31.8 x 939.8 x 2336.8mm
SW Wall Panel FSC - Box 3 - 47819150
1-1/4 x 37 x 92"



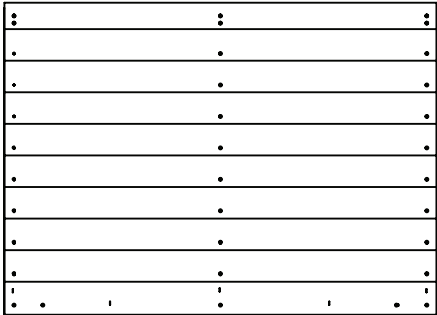
1pc. - **[060]** - 31.8 x 939.8 x 2336.8mm
End Panel FSC - Box 3 - 47819200
1-1/4 x 37 x 92"



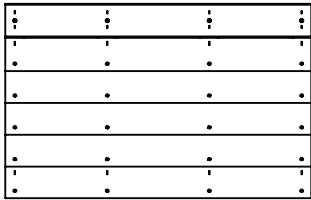
1pc. - **[062]** - 31.8 x 546.1 x 2336.8mm
Back Panel Narrow FSC - Box 2 - 47819193
1-1/4 x 21-1/2 x 92"



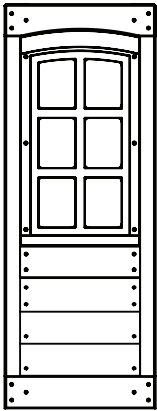
Part Identification (Reduced Part Size)



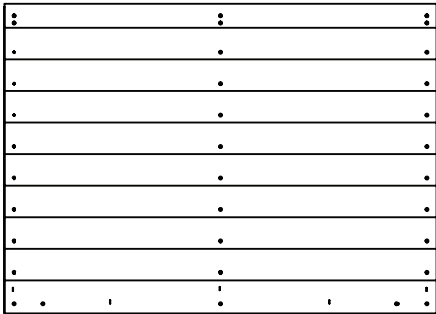
1pc. -[311] - 31.8 x 825.5 x 1143 mm
Front Roof Panel FSC - Box 3 - 47609082
1-1/4 x 32-1/2 x 45"



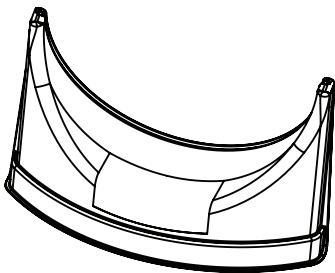
1pc. -[061] - 31.8 x 514.4 x 809.6mm
End Half Wall FSC - Box 3 - 47819201
1-1/4 x 20-1/4 x 31-7/8"



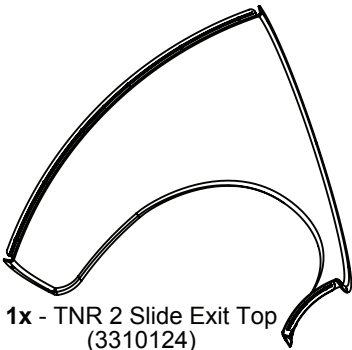
1pc. -[161] - 31.8 x 400.1 x 1070mm
Door Window Panel FSC - Box 2 - 47602837
1-1/4 x 15-3/4 x 42-1/8"



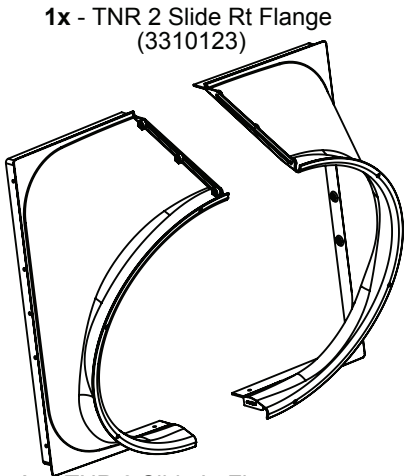
1pc. -[312] - 31.8 x 819.2 x 1143 mm
Back Roof Panel FSC - Box 3 - 47609124
1-1/4 x 32-1/4 x 45"



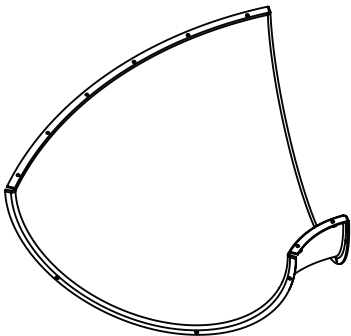
1x - TNR3 Short Exit
(3310132)



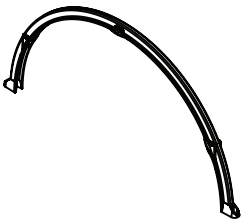
1x - TNR 2 Slide Exit Top
(3310124)



1x - TNR 2 Slide Lt Flange
(3310122)

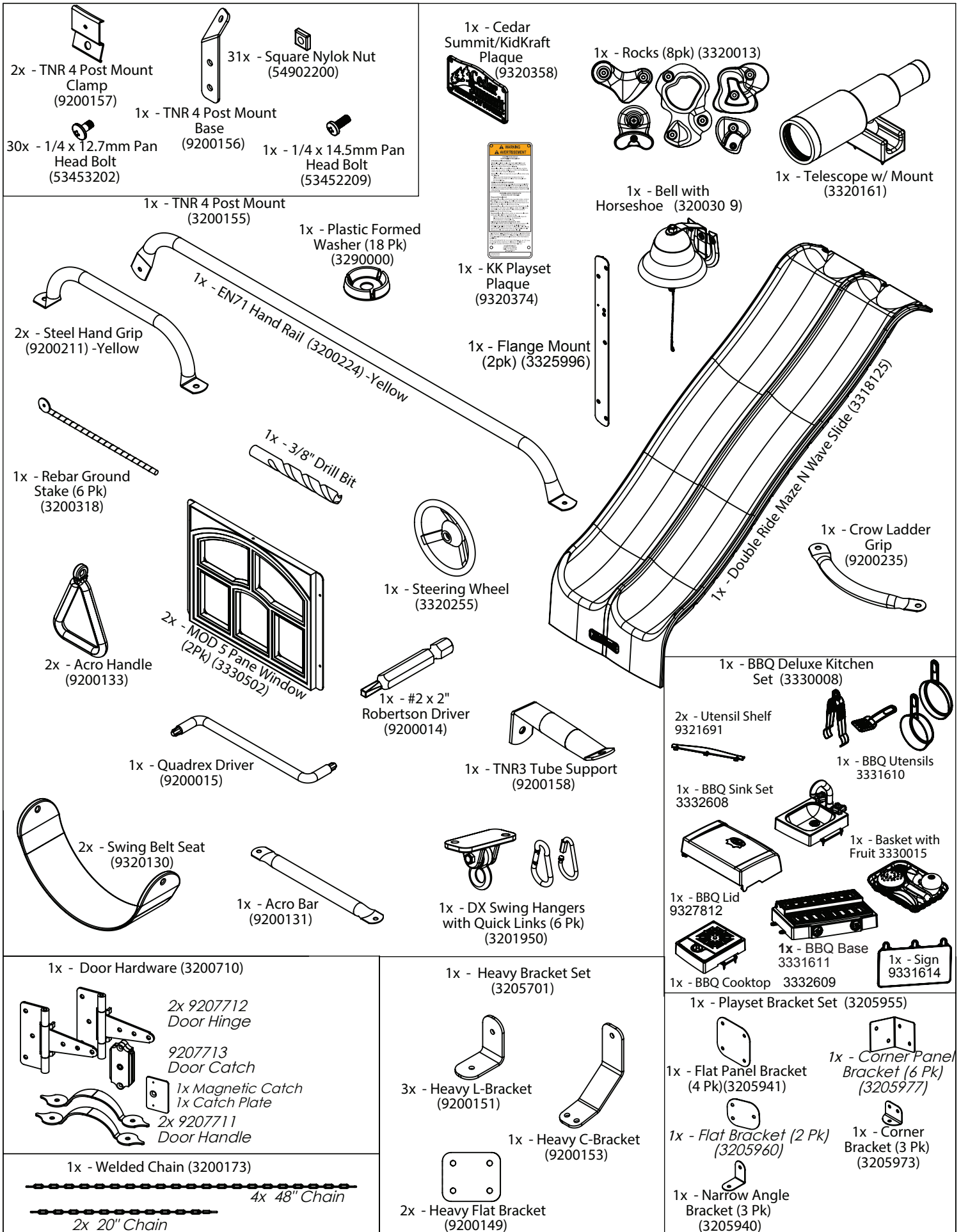


9x - TNR 2 Slide Elbow
(3310121)



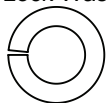
10x - TNR 4 Clamp Ring
(9300130) (Green)
10pcs number 3300130

Part Identification (Reduced Part Size)



Hardware Identification (Actual Size)

(10) **(LW2)** - 5/16" Lock Washer - (51303300)



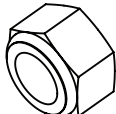
(58) **(LW1)** - 1/4" Lock Washer - (51303200)



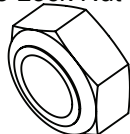
(67) **(LN1)** - 1/4 Lock Nut - (54303200)



(18) **(LN2)** - 5/16" Lock Nut - (54303300)



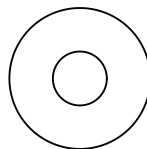
(7) **(LN3)** - 3/8 Lock Nut - (54303800)



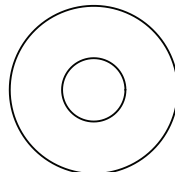
(18) **(FW0)** - 3/16" Flat Washer - (51103100)



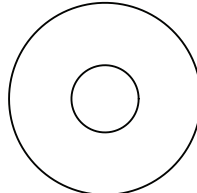
(52) **(FW1)** - 1/4" Flat Washer - (51103200)



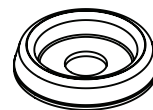
(66) **(FW2)** - 5/16" Flat Washer - (51103300)



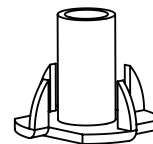
(14) **(FW10)** - 3/8" Flat Washer - (51103800)



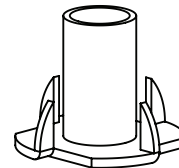
(8) **(FW6)** - #12 Screw Bezel - (9299500)



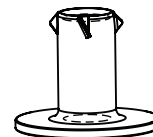
(40) **(TN1)** - 1/4" T - Nut -(54503200)



(25) **(TN2)** - 5/16" T- Nut - (54503300)



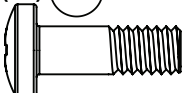
(17) **(BN1)** - 1/4" Barrel Nut - (54803200)



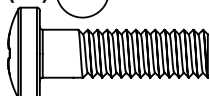
(10) **(S40)** - Truss Screw #6 x 3/4" - (52933903)



(56) **(PB1)** - Pan Bolt 1/4 x 3/4" - (53453203)



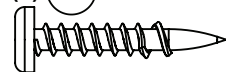
(12) **(PB6)** - Pan Bolt 1/4 x 1" - (53413210)



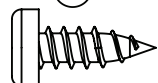
(32) **(S37)** - Pan Screw #7 x 5/8" - (52433009)



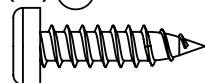
(3) **(S10)** - Pan Screw #8 x 1" - (52433510)



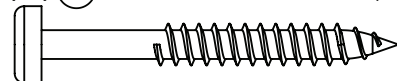
(34) **(S8)** - Pan Screw #12 x 3/4" - (52433603)



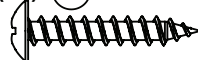
(19) **(S6)** - Pan Screw #12 x 1" - (52433610)



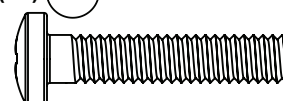
(29) **(S7)** - Pan Screw #12 x 2" - (52433620)



(66) **(S0)** - Truss Screw #8 x 7/8" - (52933505)



(17) **(PB2)** - Pan Bolt 1/4 x 1-1/4" - (53433212)



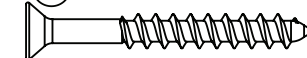
(9) **(S38)** - Pan Screw #7 x 1-1/8" - (52433014)



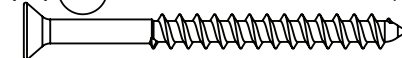
(246) **(S20)** - Wood Screw #8 x 1-3/8" - (52043516)



(9) **(S2)** - Wood Screw #8 x 1-1/2" - (52043512)



(88) **(S11)** - Wood Screw #8 x 2" - (52043520)



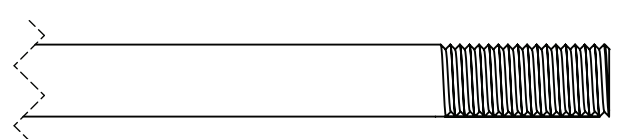
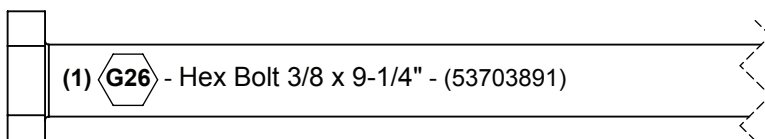
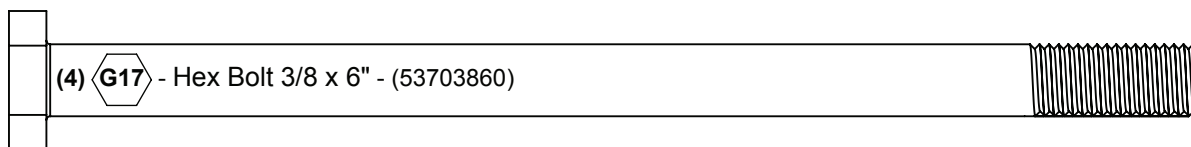
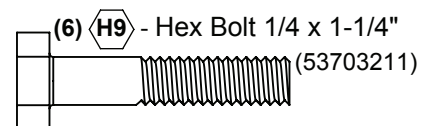
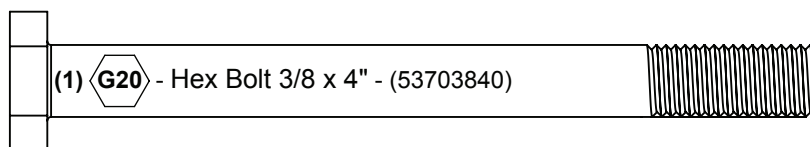
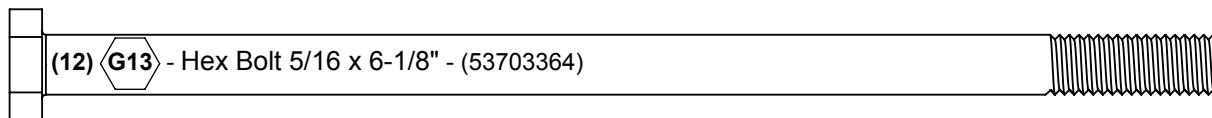
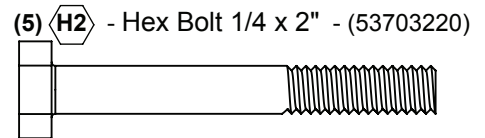
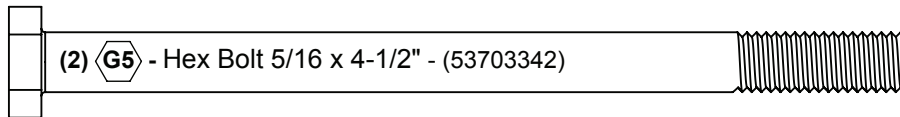
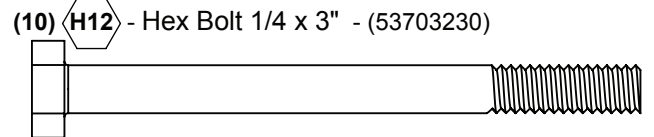
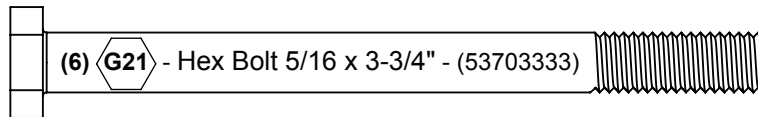
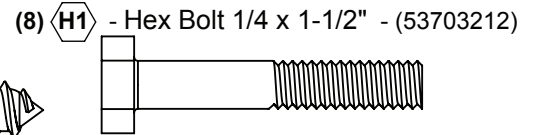
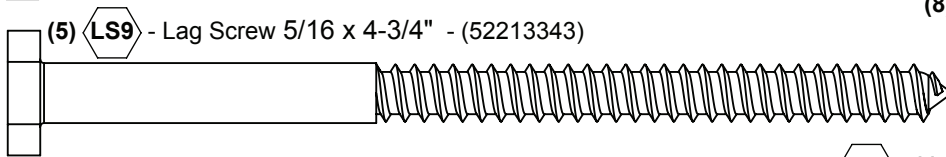
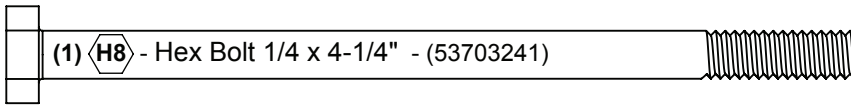
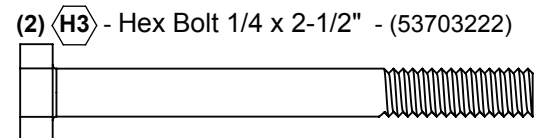
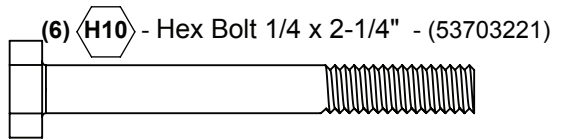
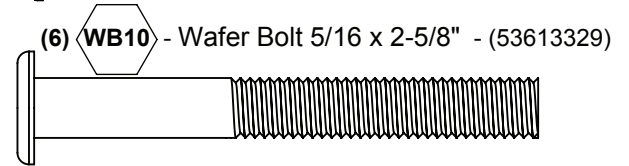
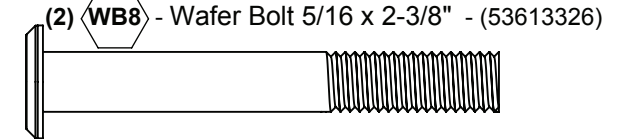
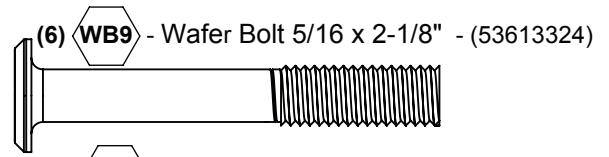
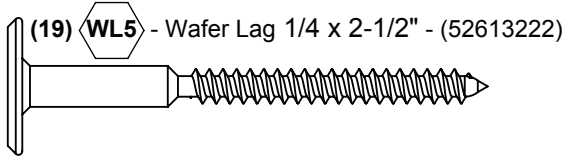
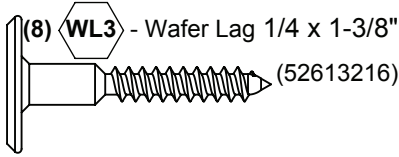
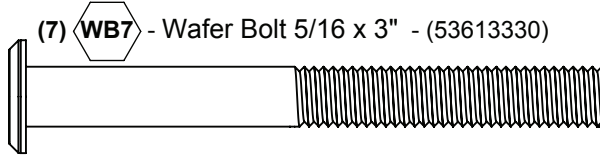
(118) **(S3)** - Wood Screw #8 x 2-1/2" - (52043522)



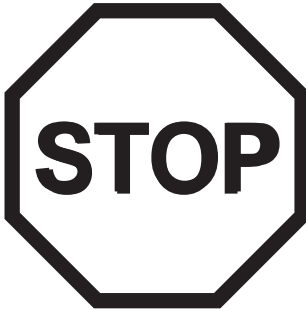
(22) **(S4)** - Wood Screw #8 x 3" - (52043530)



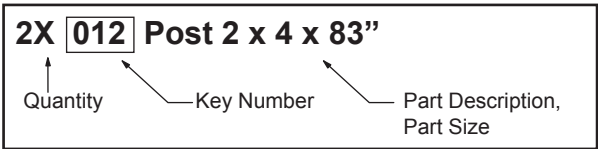
Hardware Identification (Actual Size)



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.



Key Number: The first two digits represent the step number. The third digit represents the piece. Note that if the part is used in multiple steps then the number only reflects the first step it is used in.

- Please refer to Page 7 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.
- customerservice@kidkraft.com
Online Parts Replacement: parts.kidkraft.com
To warranty your product: kidkraft.com/warranty/
Customer Service:
1(800) 933-0771 or (972) 385-0100
- Europe Customer Service: +31 (0)20 305 8620
europecustomerservice@kidkraft.com
EU Online Parts Replacement: parts.kidkraft.eu
- C. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 7.
- 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 KK ID Plaque (9320374).
 - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: F29055

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

Step 2: Access Ladder / Rockwall Assembly Part 1



A: Place (020) Right Access on one side of 4 (022) Treads and (021) Left Access on the other side with the grooves facing in. (fig. 2.1)

B: Fit each (022) Tread into grooves on both (020) and (021) Access rails, make sure the top edge of the (022) Treads are flush to the front of the Access 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)

Fig. 2.1

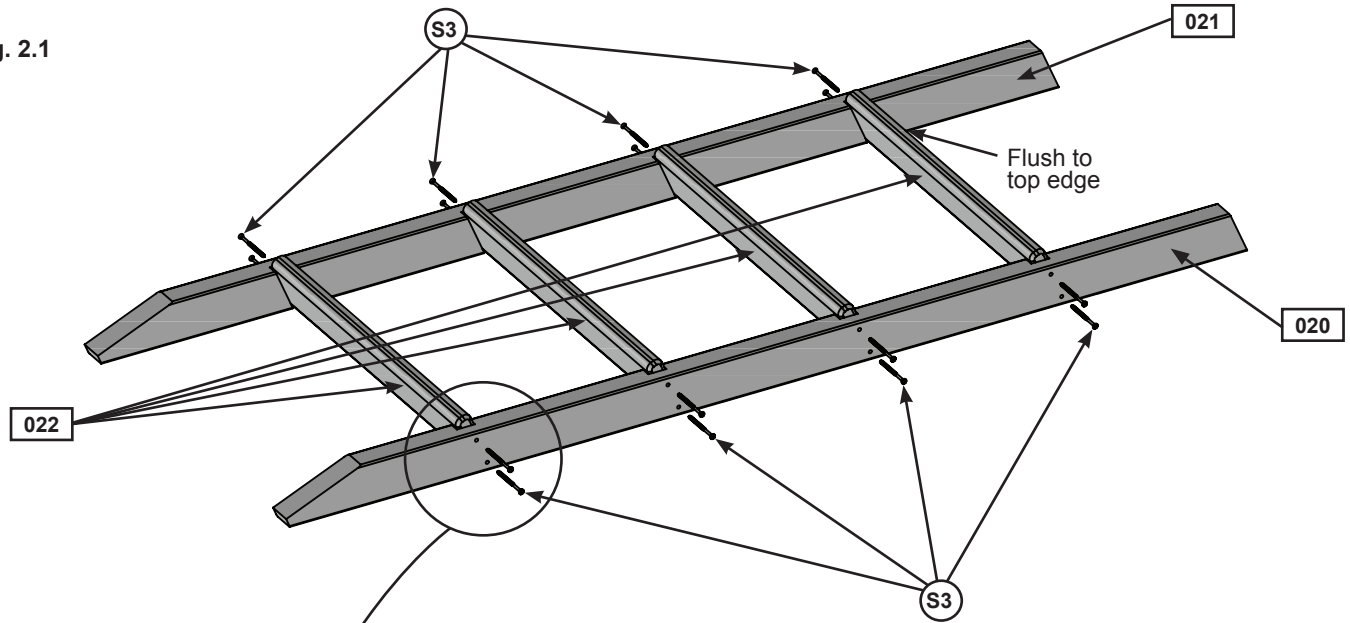
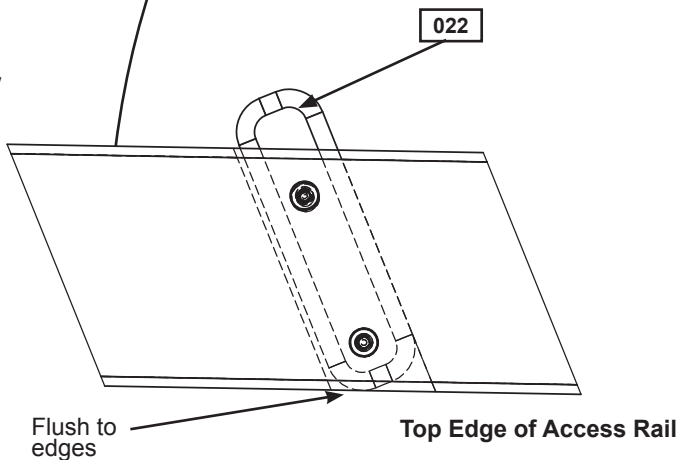


Fig. 2.2
End View



Wood Parts

- 1 x 020 Right Access 1-3/8 x 2-1/2 x 57-53/64"
- 1 x 021 Left Access 1-3/8 x 2-1/2 x 57-53/64"
- 4 x 022 Tread 15/16 x 3-1/4 x 19-1/2"

Hardware

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

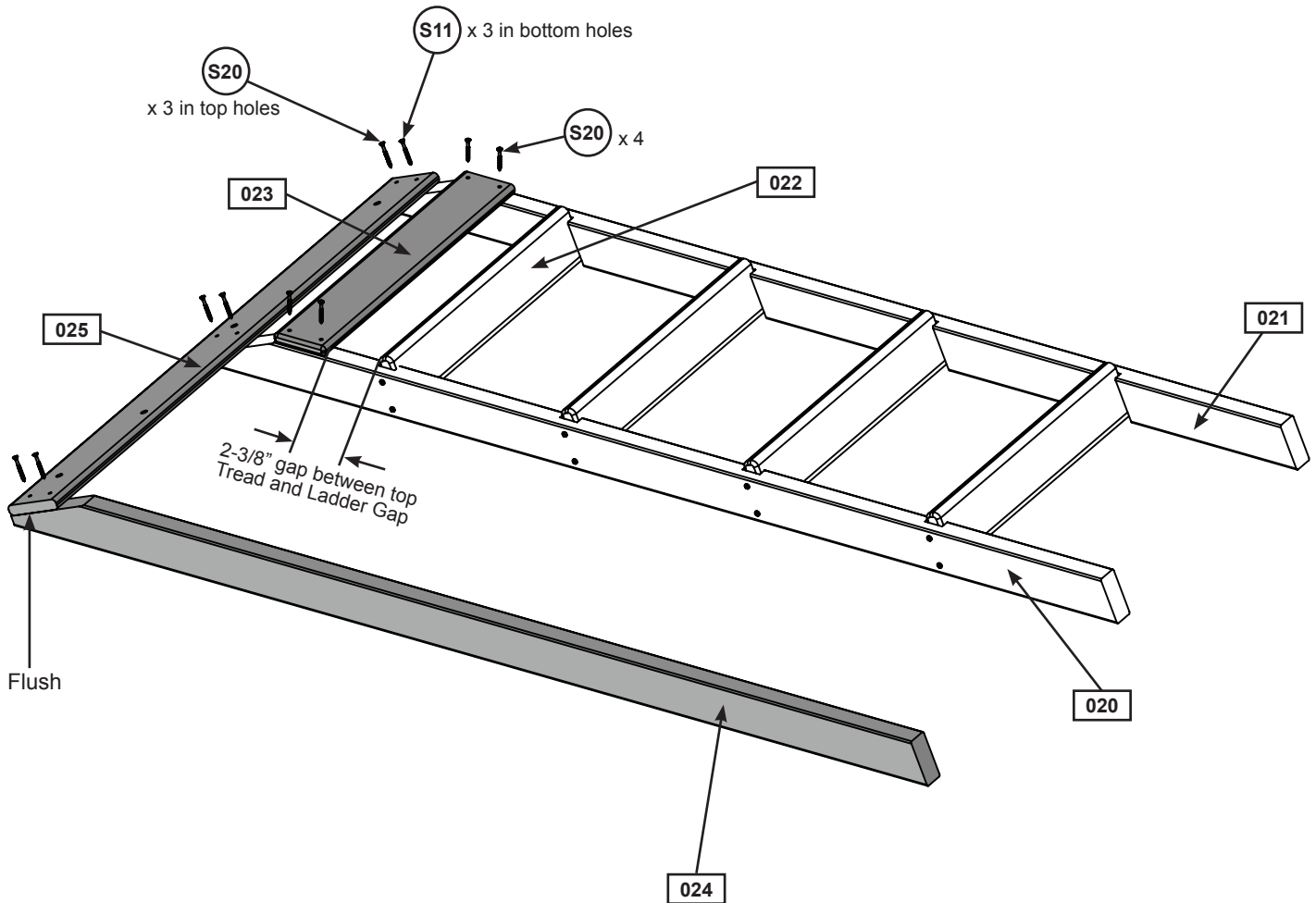
Step 2: Access Ladder / Rockwall Assembly Part 2



D: Place (023) Ladder Gap on each access rail so there is a 2-3/8" gap between (023) Ladder Gap and the top (022) Tread. Attach using 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 2.3)

E: Place (024) Rock Rail on the ground next to (020) Right Access so it matches the orientation of the two access rails as shown in fig. 2.3. Attach (025) RW-AL Support flush to the top of Access Ladder assembly and (024) Rock Rail using 3 (S20) #8 x 1-3/8" Wood Screws in the top holes and 3 (S11) #8 x 2" Wood Screws in the bottom holes. Pilot holes in (025) RW-AL Support should be centred over the rails. (fig. 2.3)

Fig. 2.3



Wood Parts

- 1 x (023) Ladder Gap 5/8 x 3-1/4 x 21"
- 1 x (024) Rock Rail 1-3/8 x 2-1/2 x 57-53/64"
- 1 x (025) RW-AL Support 5/8 x 3-1/4 x 41-3/4"

Hardware

- 3 x (S11) #8 x 2" Wood Screw
- 7 x (S20) #8 x 1-3/8" Wood Screw

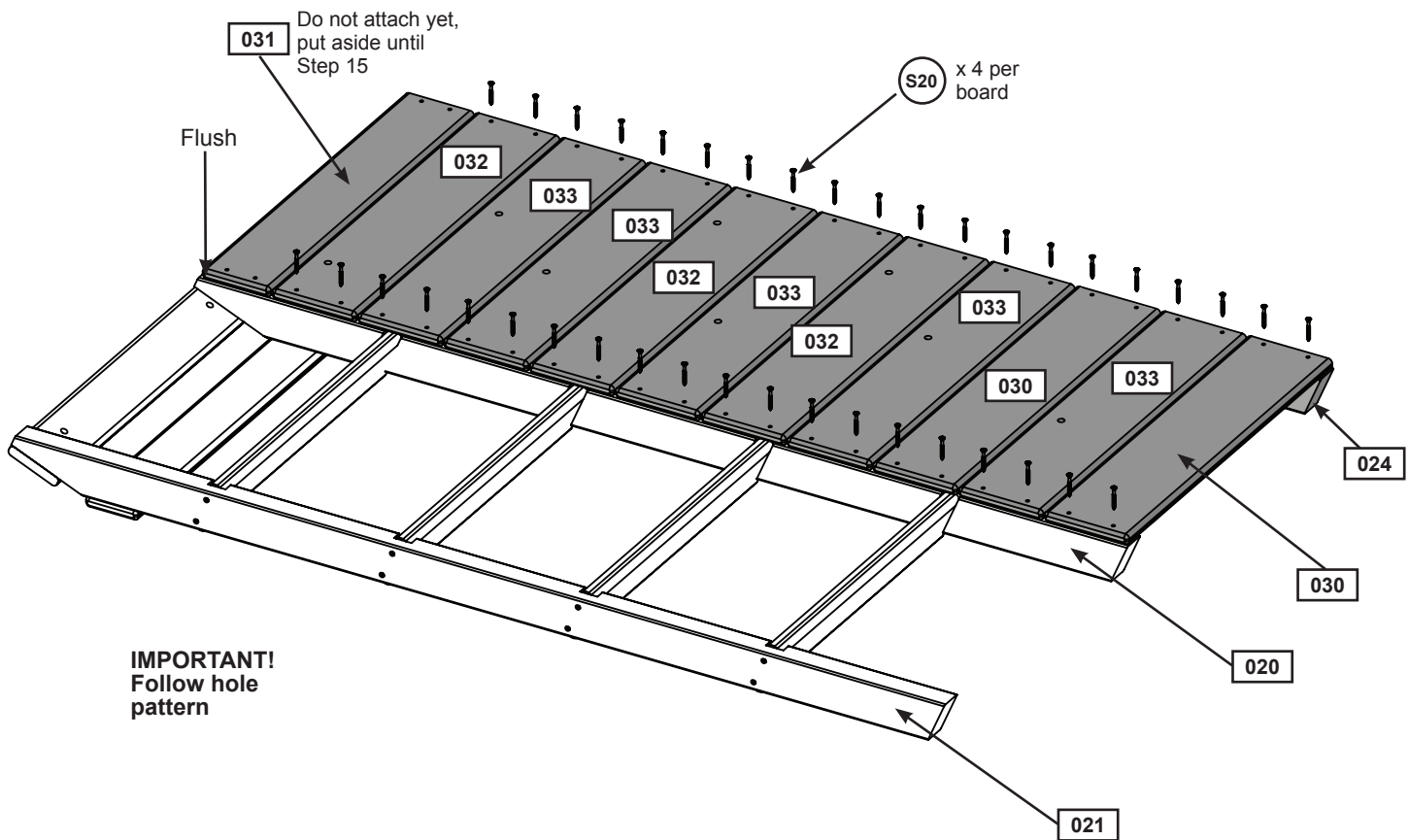
Step 3: Rockwall Assembly



A: Place (031) Access Board flush to the top of the Access Ladder/Rockwall Assembly and (030) Access Rock Bottom at the bottom of the assembly as shown in fig. 3.1. Then place (032) Board Rock A's, (033) Board Rock B's and (030) Access Board as they are 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 (021) Left Access Rail and pilot holes are centred over (024) Rock Rail.** (fig. 3.1)

B: Make sure all boards are tight together and the assembly is square, then attach all boards except for (031) Access Board using 4 (S20) #8 x 1-3/8" Wood Screws per board. (031) Access Board to be attached in Step 15 Part 2, keep aside until needed. (fig. 3.1)

Fig. 3.1



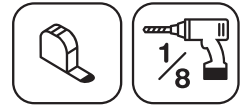
Wood Parts

- 2 x 030 Access Rock Bottom 5/8 x 5-1/4 x 22-1/8"
- 1 x 031 Access Board 5/8 x 4-1/4 x 22-1/8"
- 3 x 032 Board Rock A 5/8 x 5-1/4 x 22-1/8"
- 5 x 033 Board Rock B 5/8 x 5-1/4 x 22-1/8"

Hardware

- 40 x S20 #8 x 1-3/8" Wood Screw

Step 4: Nest Ladder Assembly



- A:** Place (042) Nest Left Access on one side of 3 (043) Treads and (041) Nest Right Access on the other side with the grooves facing in. (fig. 4.1)
- B:** Fit each (043) Nest Tread into grooves on both (041) and (042) Nest Access Rails, make sure the top edge of the (043) Treads are flush to the front of the Access rails. (fig. 4.1 and 4.2)
- 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. 4.1)
- D:** Place (044) Nest Ladder Gap on each access rail so there is a 2-3/8" gap between (044) Ladder Gap and the top (043) Tread. Attach using 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 4.3)
- E:** Center a second (044) Ladder Gap between the bottom (043) Nest Tread and the bottom ends of the access rails and attach using 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 4.3)

Fig. 4.1

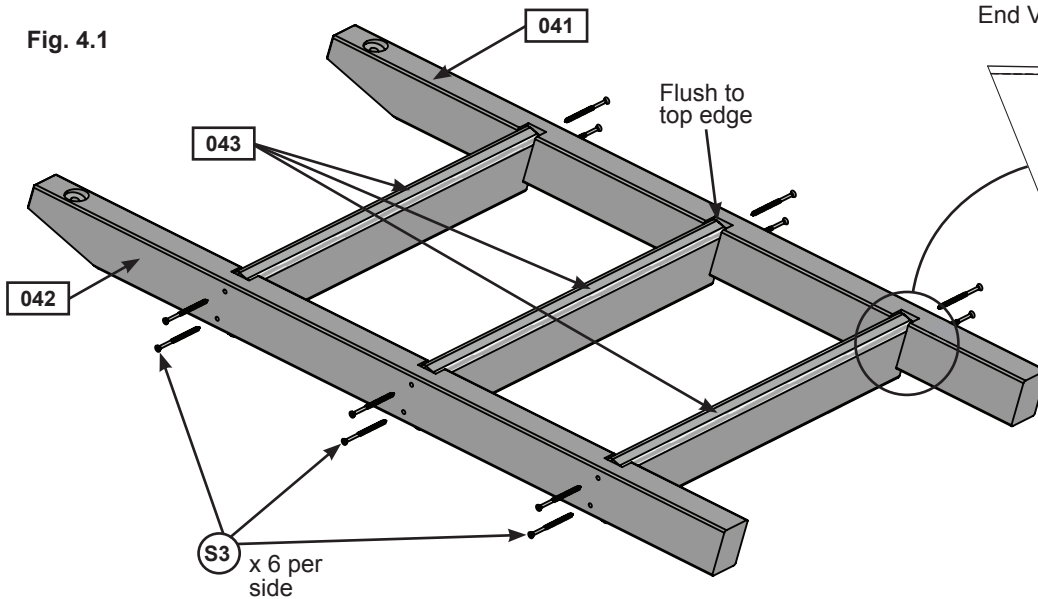


Fig. 4.2
End View

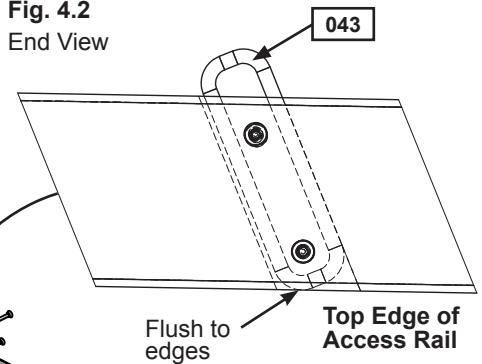
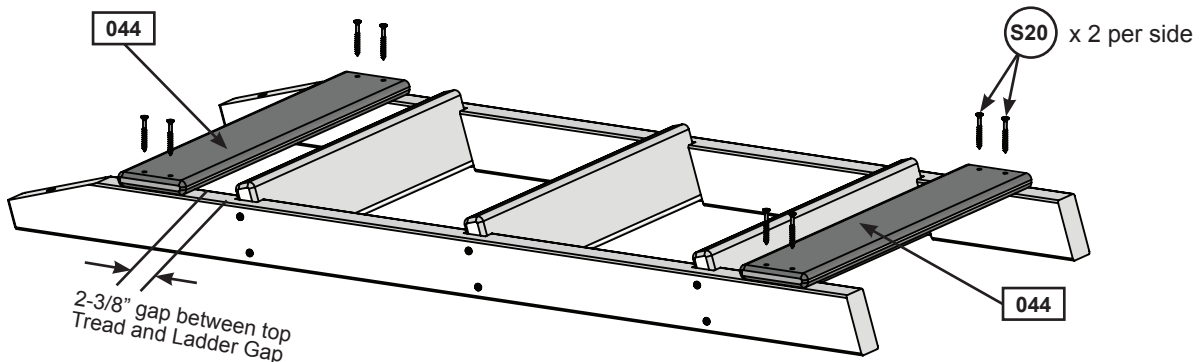


Fig. 4.3



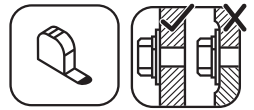
Wood Parts

- 1 x 042 Nest Left Access 1-3/8 x 2-1/2 x 41-1/8"
- 1 x 041 Nest Right Access 1-3/8 x 2-1/2 x 41-1/8"
- 3 x 043 Nest Tread 15/16 x 3-1/4 x 17-1/2"
- 2 x 044 Nest Ladder Gap 5/8 x 3-1/4 x 19"

Hardware

- 12 x S3 #8 x 2-1/2" Wood Screw
- 8 x S20 #8 x 1-3/8" Wood Screw

Step 5: Nest Joist Assembly



A: Place (051) Nest Joist Mid between (052) Front Wall Tie and (053) Back Wall Tie as shown in fig. 5.1 making sure to closely follow the hole orientation. Attach using 4 (S3) #8 x 2-1/2" Wood Screws.

B: Using the next set of pre-drilled holes on the (053) Back Wall Tie attach the (054) Nest Joist Back using 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 5.2)

C: Place (055) Ladder Side Joist between (051) Nest Joist Mid and (054) Nest Joist Back and attach using 4 (S3) #8 x 2-1/2" Wood Screws as shown in fig. 5.2.

Fig. 5.1

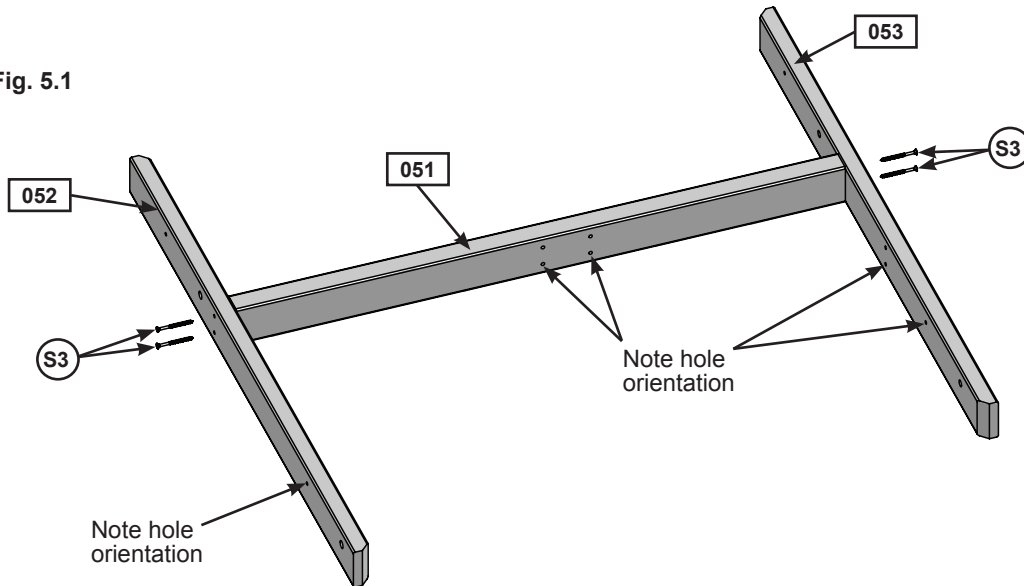
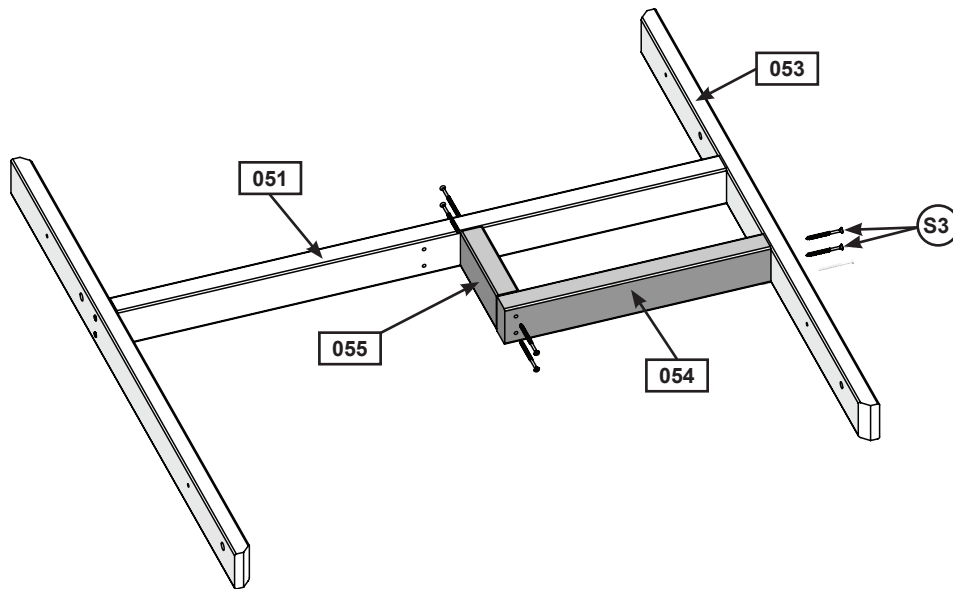


Fig. 5.2



Wood Parts

- 1 x 051 Nest Joist Mid 1-1/4 x 2-3/8 x 33-3/4"
- 1 x 052 Front Wall Tie 1 x 2-3/8 x 34-1/16"
- 1 x 053 Back Wall Tie 1 x 2-3/8 x 34-1/16"
- 1 x 054 Nest Joist Back 1-1/4 x 2-3/8 x 13-5/32"
- 1 x 055 Ladder Side Joist 1-1/4 x 2-3/8 x 5-1/2"

Hardware

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

Step 6: Slide Wall Assembly Part 1

A: Place 1 Flange 20 on each side of the End Half Wall making sure that the panel is slat side up. Check to ensure that flanges are flush at the top and bottom and attach each flange using 3 (S40) #6 x 3/4" Truss Screws per side. fig.6.1 & 6.3 & 6.4.

B: Taking note of the panel orientation, fit (061) End Half Wall into the bottom of (060) End Panel as shown in fig.6.2 & 6.3 & 6.4. Attach (061) End Half Wall to (060) End Panel using 2 (S40) #6 x 3/4" Truss Screws per side.

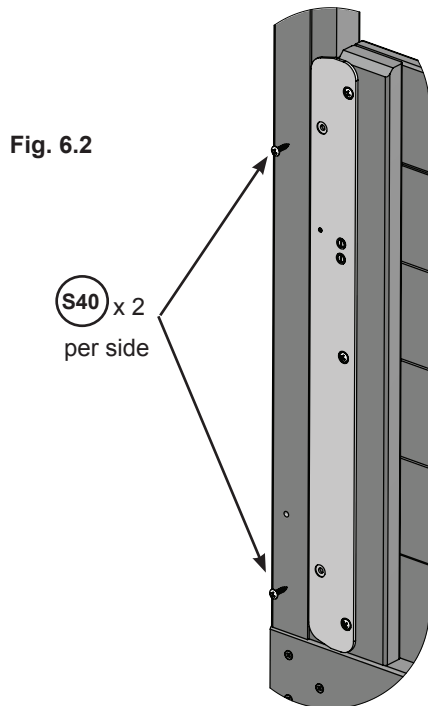
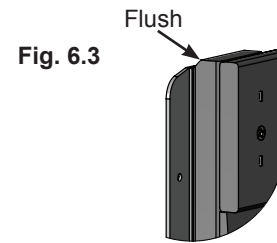
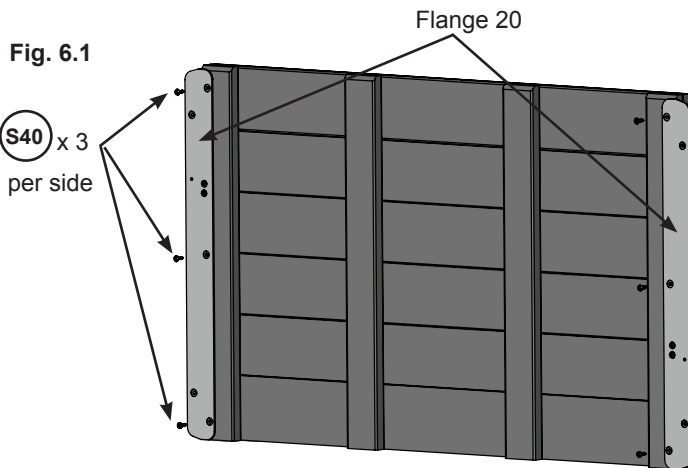
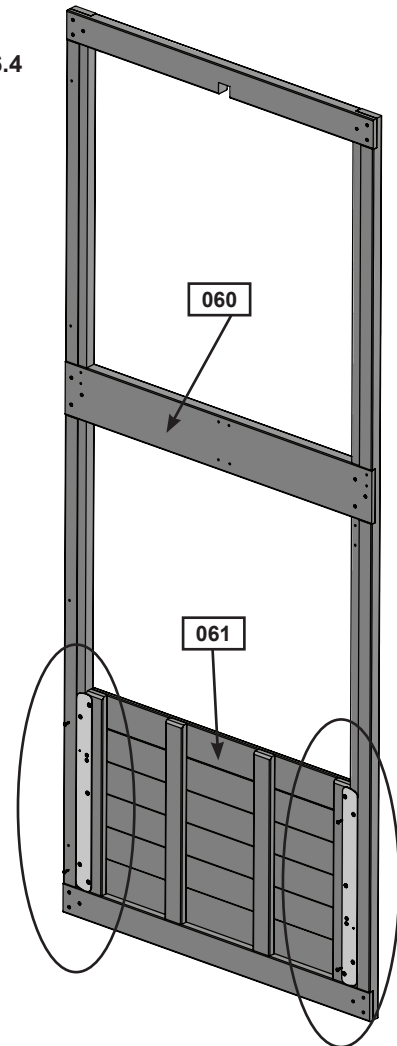


Fig. 6.4



Wood Parts

- 1 x 060 End Panel 1-1/2 x 37 x 92"
- 1 x 061 End Half Wall 1-1/4 x 20-1/4 x 31-7/8"

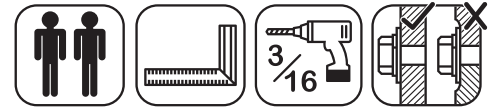
Hardware

- 10 x (S40) #6 x 3/4" Truss Screw

Other Parts

- 2 x Flange 20

Step 6: Slide Wall Assembly Part 2



A: Place (062) Narrow Panel Back against the left side of (060) End Panel noticing panel orientation. The tops and bottoms of the panels should be flush and panels square. Pre-drill with a 3/16" drill bit, then fasten (062) Narrow Panel Back to (060) End Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (Fig. 6.5, 6.6 and 6.8)

B: Place (063) Narrow Front Panel against the right side of (060) End Panel noticing panel orientation. The tops and bottoms of the panels should be flush and panels square. Pre-drill with a 3/16" drill bit, then fasten (060) End Panel to (063) Narrow Front Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (Fig. 6.5, 6.7 and 6.8)

Fig. 6.6

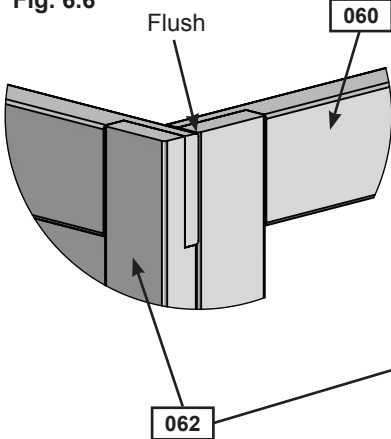


Fig. 6.5

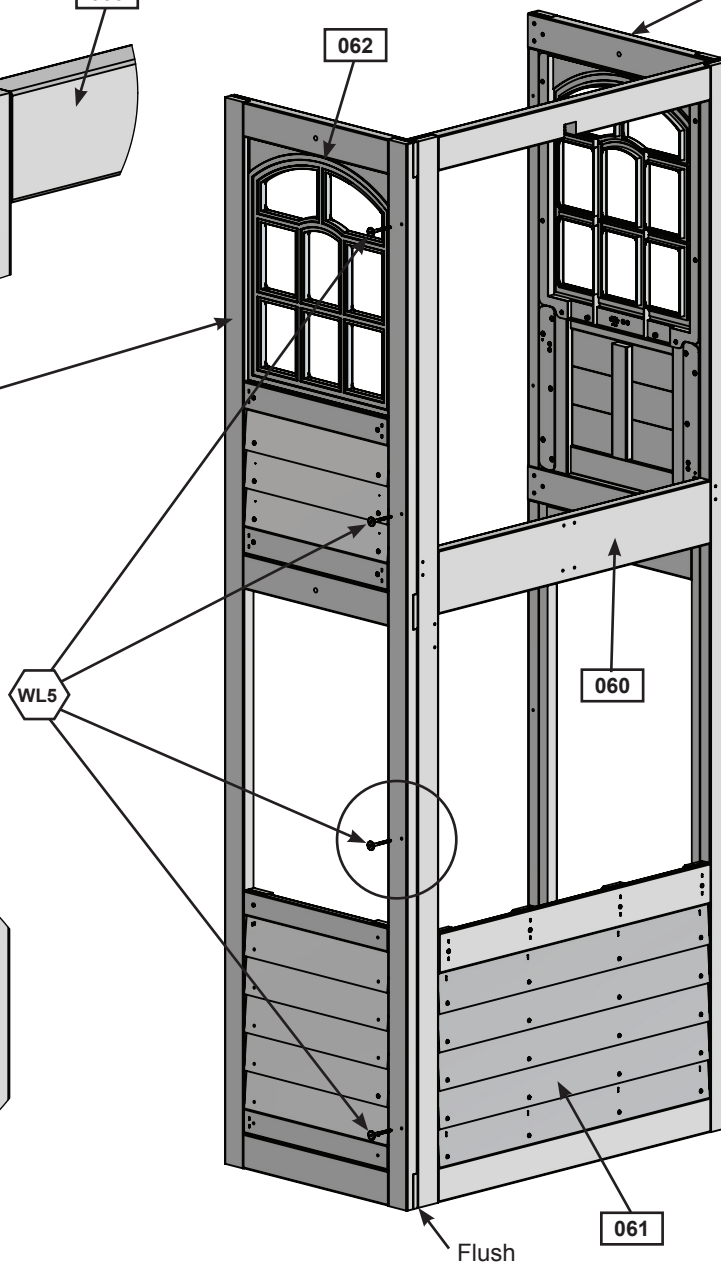


Fig. 6.7

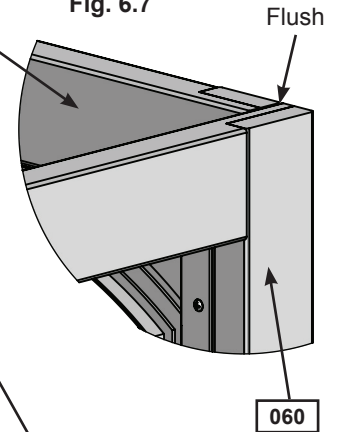
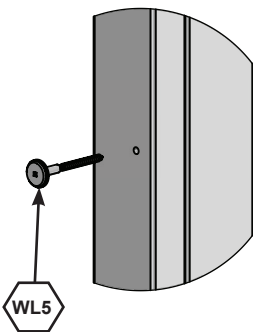


Fig. 6.8



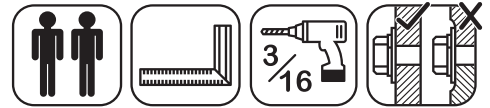
Wood Parts

- 1 x (062) Narrow Panel Back 1-1/4 x 21-1/2 x 92"
- 1 x (063) Narrow Front Panel 1-1/4 x 21-1/2 x 92"

Hardware

- 8 x (WL5) 1/4 x 2-1/2" Wafer Lag

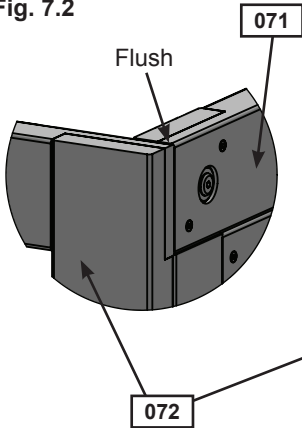
Step 7: Swing Wall Assembly



A: Place (072) Panel Front Wall against the left side of (071) SW Wall Panel noticing panel orientation. The tops and bottoms of the panels should be flush and panels square. Pre-drill with a 3/16" drill bit, then fasten (072) Panel Front Wall to (071) SW Wall Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (fig. 7.1 and 7.2)

B: Place (073) Wall Panel Back against the right side of (071) SW Wall Panel noticing panel orientation. The tops and bottoms of the panels should be flush and panels square. Pre-drill with a 3/16" drill bit, then fasten (071) SW Wall Panel to (073) Wall Panel Back with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (fig. 7.1 and 7.3)

Fig. 7.2



Notice (072) Front Wall Panel overlaps (071) SW Wall Panel

Fig. 7.1

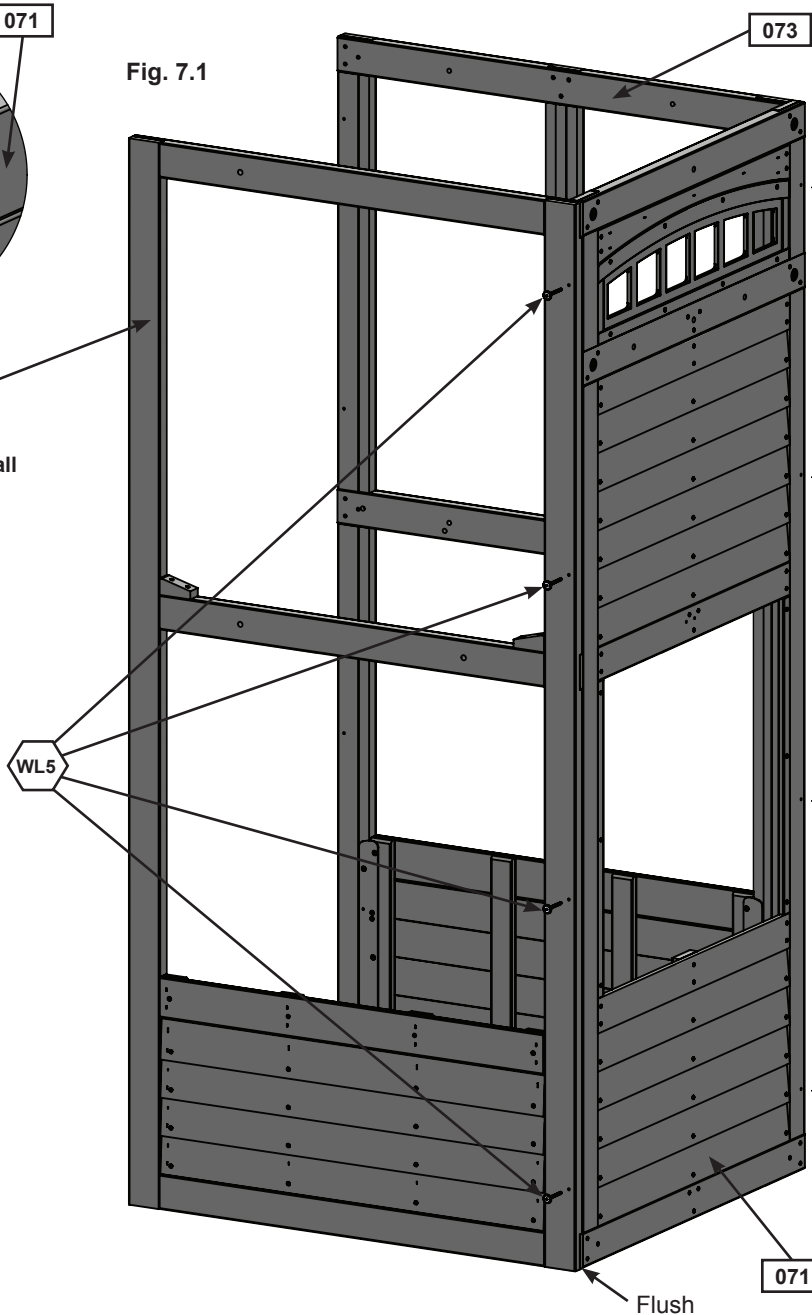
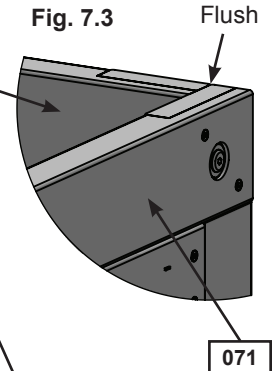


Fig. 7.3



Notice (071) SW Wall Panel overlaps (073) Back Wall Panel

WL5

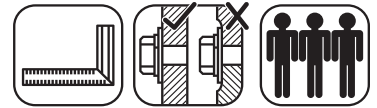
Wood Parts

- 1 x SW Wall Panel 1-1/2 x 37 x 92"
- 1 x Panel Front Wall 1-1/4 x 43 x 92"
- 1 x Wall Panel Back 1-1/4 x 43 x 92"

Hardware

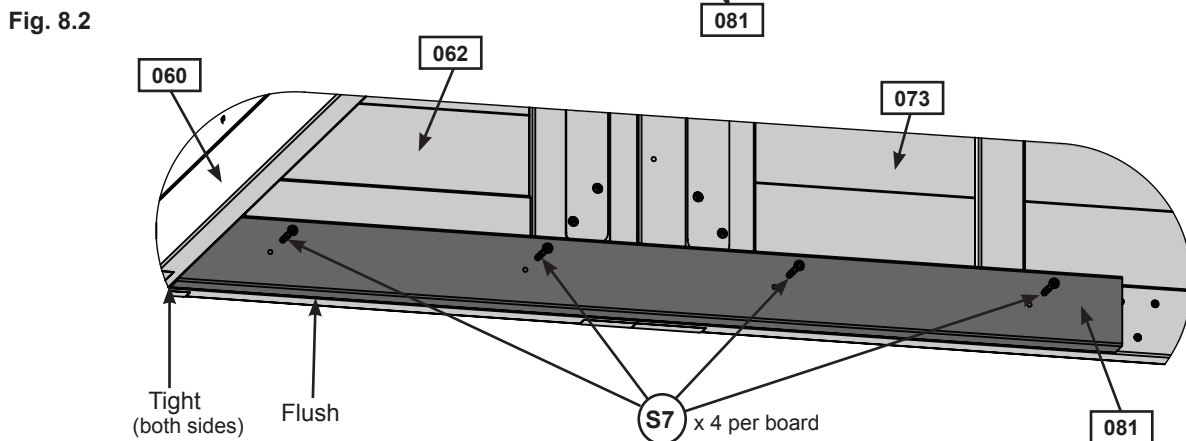
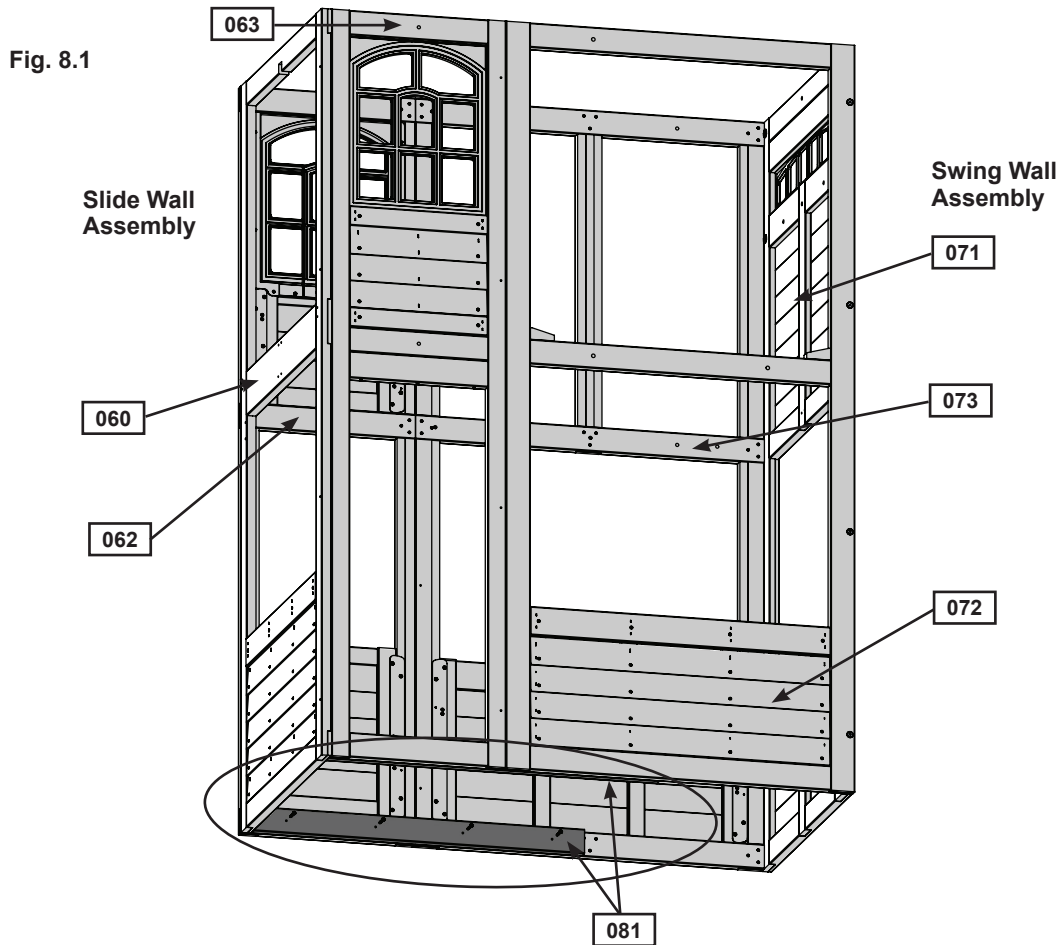
- 8 x 1/4 x 2-1/2" Wafer Lag

Step 8: Join Swing and Slide Assemblies Part 1



A: With at least two helpers lift the Slide Wall Assembly and Swing Wall Assembly so the (062) Narrow Panel Back and (063) Narrow Front Panel meet with (073) Wall Panel Back and (072) Panel Front Wall and are tight together as shown in fig. 8.1.

B: Make sure the assembly is square then on the inside of the assembly, tight to (060) End Panel and flush to the bottom of the panels attach 1 (081) Floor Joist to (062) Narrow Panel Back and (083) Wall Panel Back and a second (081) Floor Joist to (063) Narrow Front Panel and (072) Panel Front Wall with 4 (S7) #12 x 2" Pan Screws per board. (fig. 8.1 and 8.2)



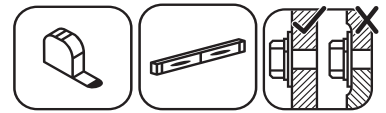
Wood Parts

2 x 081 Floor Joist 1-1/4 x 3 x 40-3/4"

Hardware

8 x S7 #12 x 2" Pan Screw

Step 8: Join Swing and Slide Assemblies Part 2



C: From inside the assembly, tight to both (072) Front Wall Panel and (063) Narrow Front Panel, halfway up the assembly, 5/8" below the panel, loosely attach 1 (082) Side Joist to (072) Front Wall Panel and (063) Narrow Front Panel Back with 3 (WB10) 5/16 x 2-5/8" Wafer Bolts (with flat washer and t-nut). Bolts are installed from inside the assembly. Make sure (082) Side Joist is level then attach with 2 (S3) #8 x 2-1/2" Wood Screws and tighten bolts. (fig. 8.3, 8.4 and 8.5)

D: From inside the assembly insert 3 t-nuts into the (073) Wall Back Panel as shown in fig. 8.4 then repeat Step C to attach 1 (082) Side Joist to (062) Back Panel Narrow and (073) Wall Back Panel. (fig. 8.3 & 8.4)

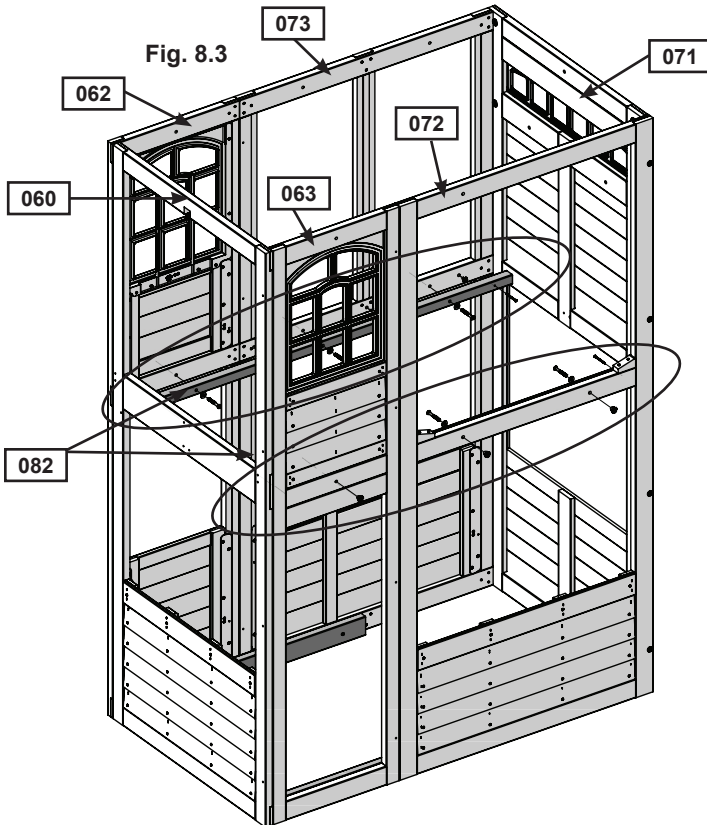


Fig. 8.5

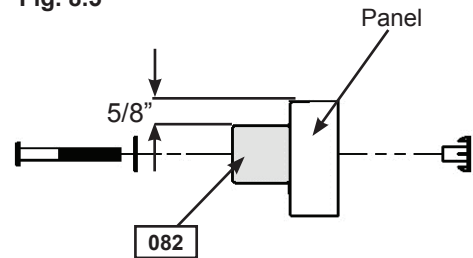
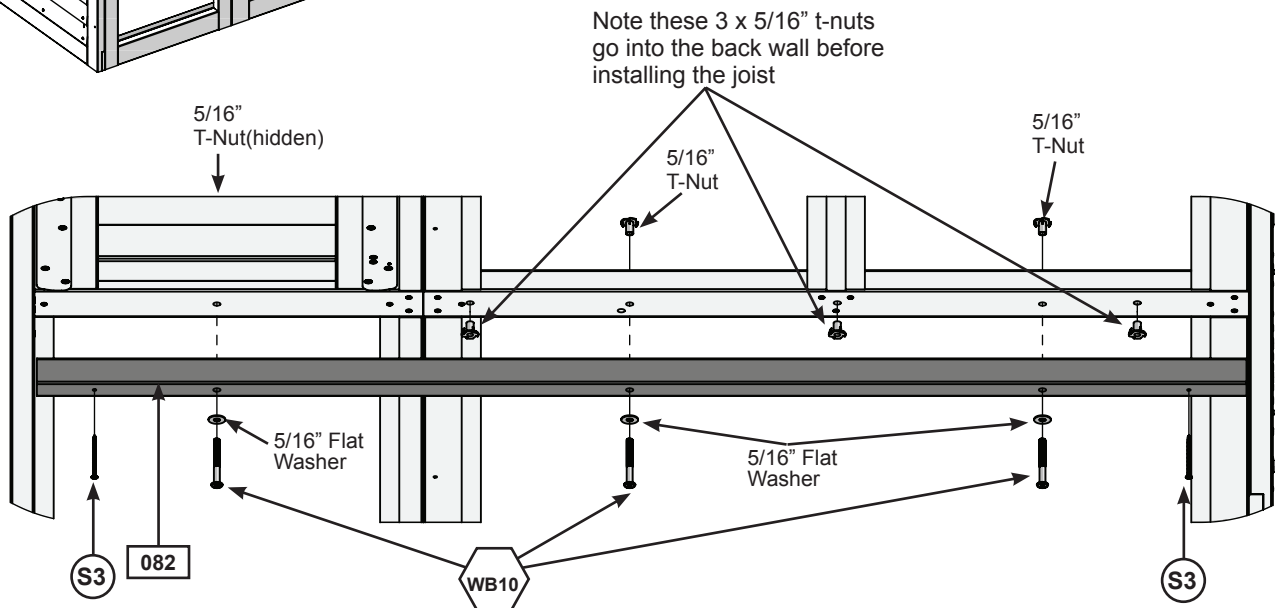


Fig. 8.4



Wood Parts

2 x 082 Side Joist 1-1/2 x 1-1/2 x 63"

Hardware

4 x S3 #8 x 2-1/2" Wood Screw
6 x WB10 5/16 x 2-5/8" Wafer Bolt
(5/16" flat washer, 5/16" t-nut)
3 x 5/16" t-nut

Step 9: Nest Joist Assembly



A: From inside the assembly measure 5/8" (15.9mm) down from the top of the Wall Panels and place the joist assembly so that the (052) Front Wall Tie and (053) Back Wall Tie are tight to (071) Swing Wall Panel as shown in fig. 9.1 and 9.2.

B: Install 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut) into the inside holes on each side of the assembly. In the outside holes loosely install 1 (H12) 1/4 x 3" Hex Bolt on each side of the assembly. These bolts will be tightened in a later step. (Fig. 9.2)

C: Make sure that assembly is level and install 4 (S11) #8 x 2" Wood Screws into (052) Front Wall Tie and (053) Back Wall Tie as shown in fig. 9.1 and 9.3.

Fig. 9.1

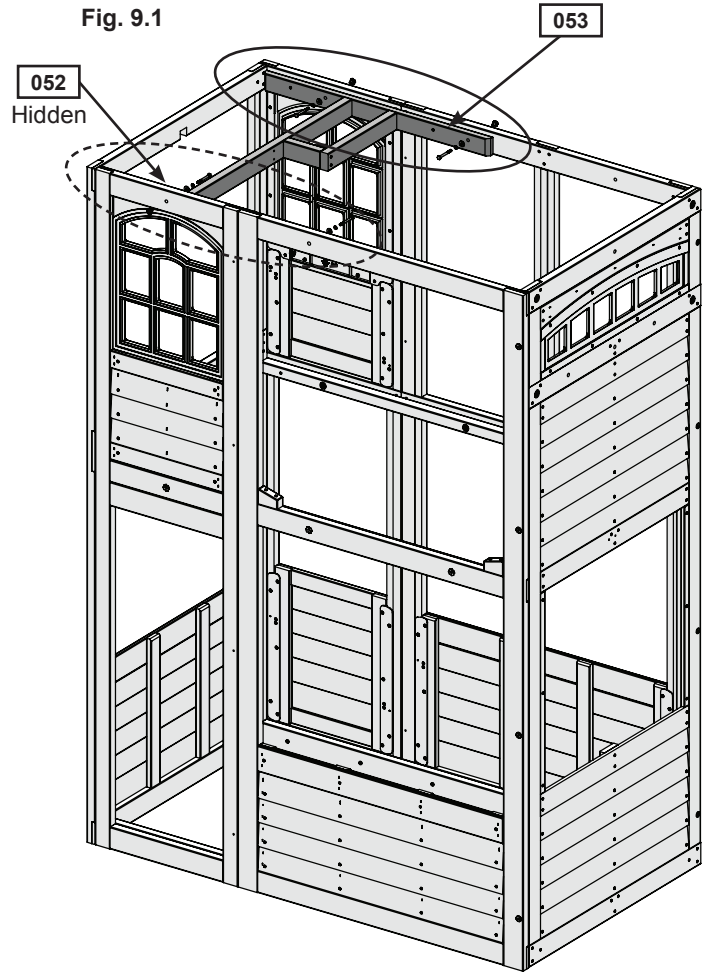


Fig. 9.2

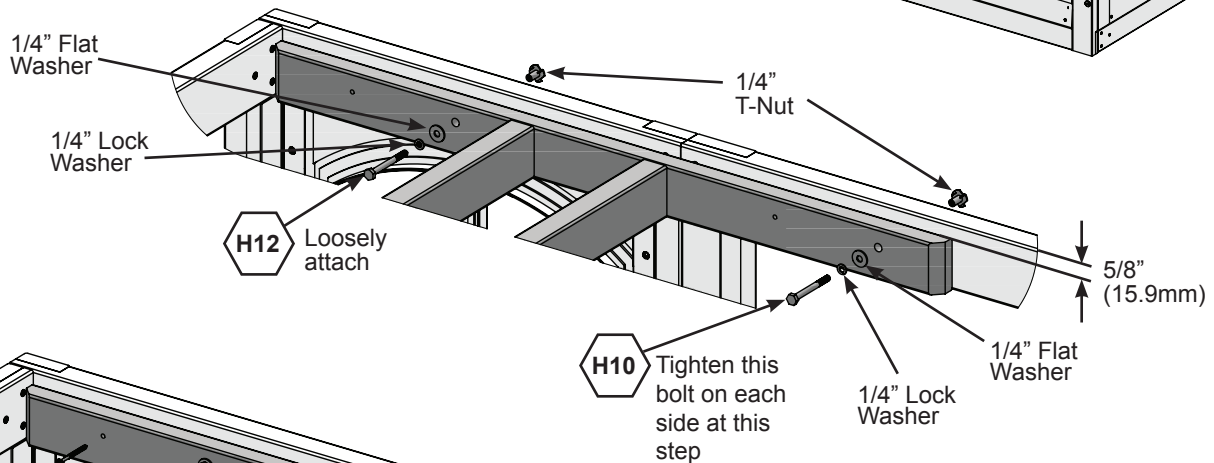
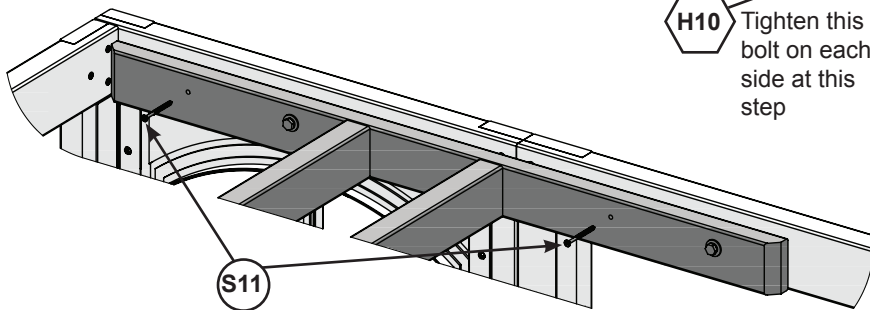


Fig. 9.3



Hardware

- 4 x (S11) #8 x 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)
- 2 x (H12) 1/4 x 3" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 10: Install Brackets

A: On the inside of the assembly attach (062) Narrow Panel Back to (073) Wall Panel Back using 2 Flat Panel Brackets in the places shown with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 10.1 and 10.2)

B: Repeat Step G to attach (073) Narrow Front Panel to (072) Front Wall Panel. (fig. 10.1 and 10.2)

C: At all four corners on the bottom attach 1 Panel Corner Bracket with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 10.1 and 10.3)

Fig. 10.1

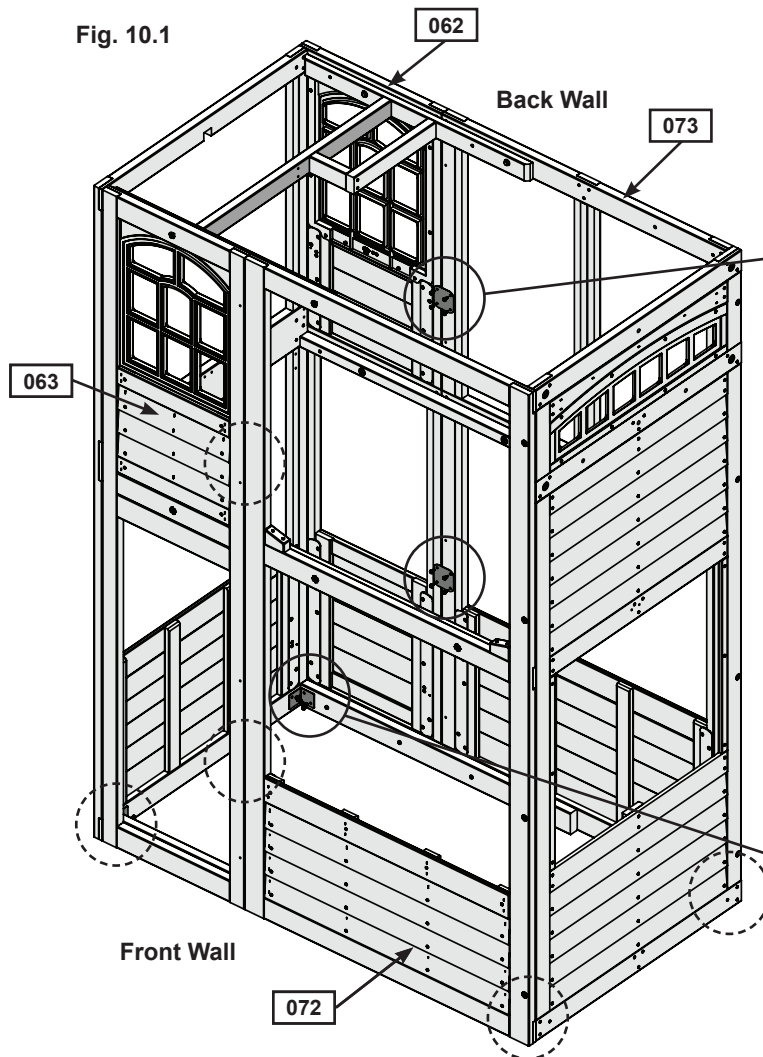


Fig. 10.2

Inside View

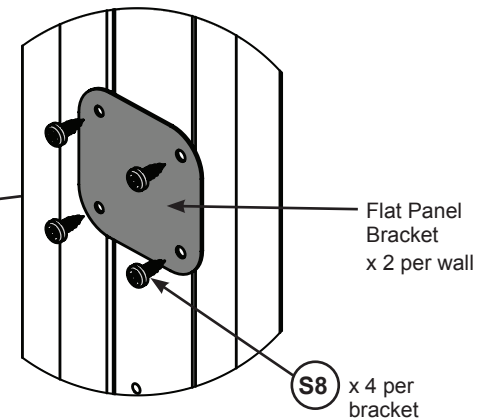
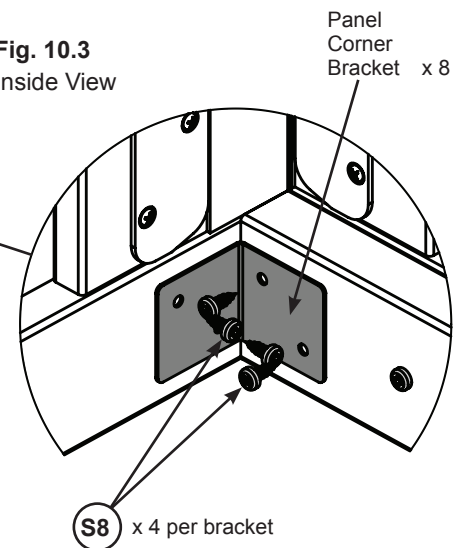


Fig. 10.3

Inside View



Hardware

32 x S8 #12 x 3/4" Pan Screw

Other Parts

4 x Flat Panel Bracket
4 x Panel Corner Bracket

Step 11: Floor Assembly Part 1



A: Place 1 (111) Floor Board tight to (060) End Panel and 1 tight to (071) SW Wall Panel then attach each to the (082) Side Joists with 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 11.1, 11.2 and 11.3)

B: Place (112) Long Floor Joist tight to the bottom of each (111) Floor Board, centred over the pilot holes on the (060)End Panel and (071) SW Wall Panel then attach with 2 (S4) #8 x 3" Wood Screws per panel. Attach (111) Floor Board to (112) Long Floor Joist with 2 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 11.1, 11.2 and 11.4)

Fig. 11.2
Top View

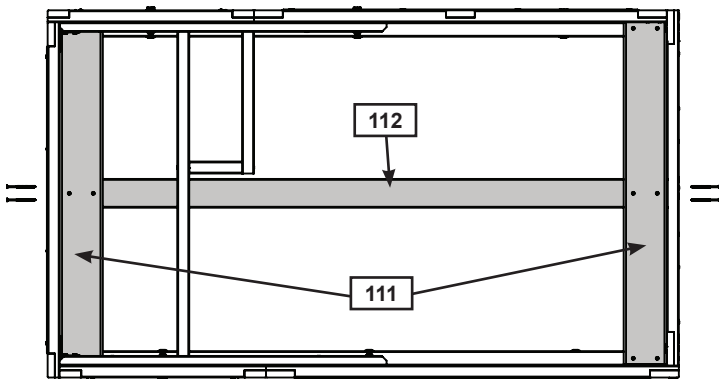


Fig. 11.1

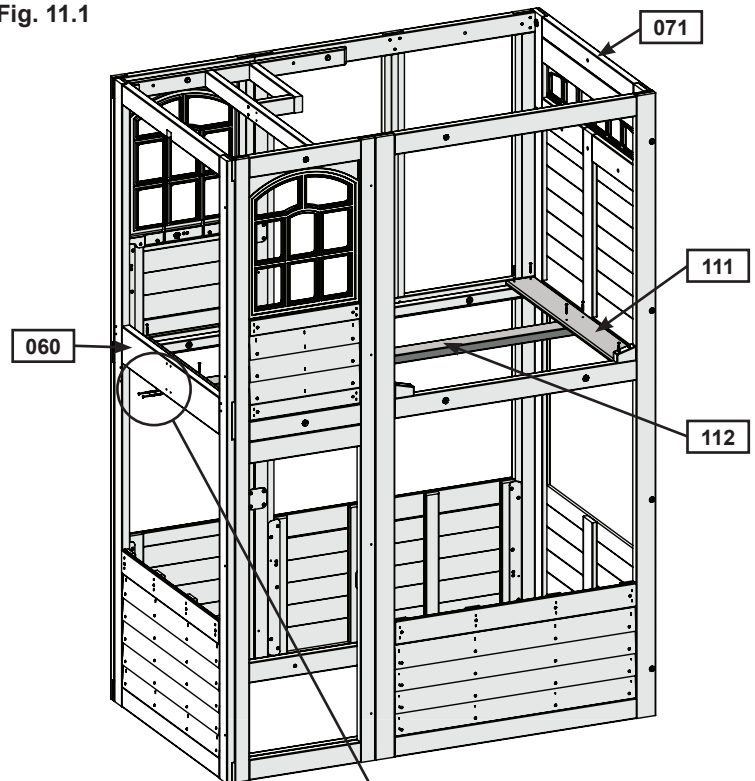


Fig. 11.3

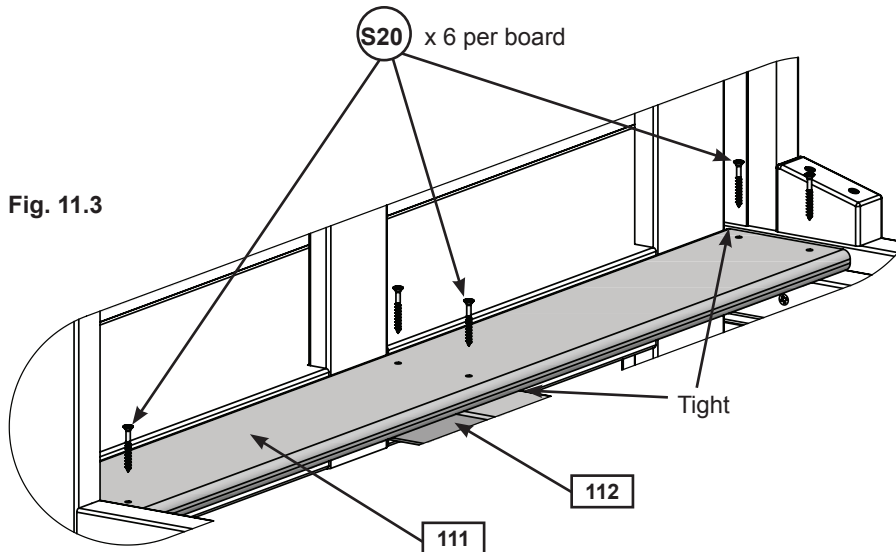
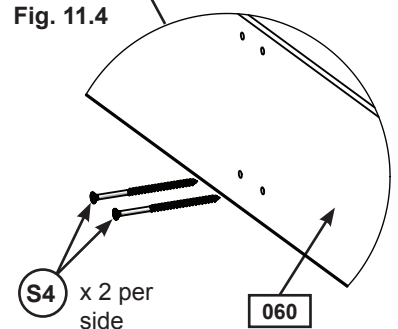


Fig. 11.4



Wood Parts

- 2 x 111 Floor Board 5/8 x 4-1/2 x 35-5/8"
- 1 x 112 Long Floor Joist 1-1/4 x 3 x 63-1/4"

Hardware

- 12 x S20 #8 x 1-3/8" Wood Screw
- 4 x S4 #8 x 3" Wood Screw

Step 11: Floor Assembly Part 2



C: Measure the distance from the Back Wall to the Front Wall from the inside of the panels to make sure it equals 35-3/4". Maintain this measurement when installing the floor boards. Starting at the Slide Wall place 3 (111) Floor Boards tight to the previously attached (111) Floor Board, followed by 1 (113) Floor Board then 8 more (111) Floor Boards. Make sure all boards are equally spaced then attach to (112) Long Floor Joist and each (082) Side Joist with 6 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 11.5, 11.6 and 11.7)

Fig. 11.5

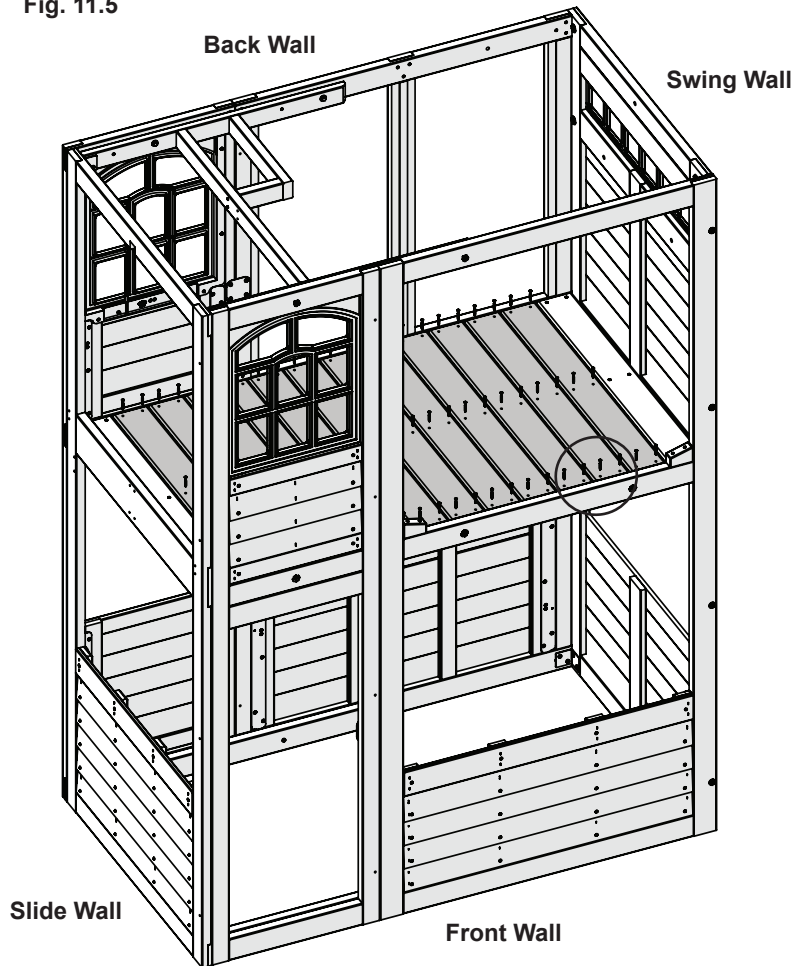


Fig. 11.6
Top View

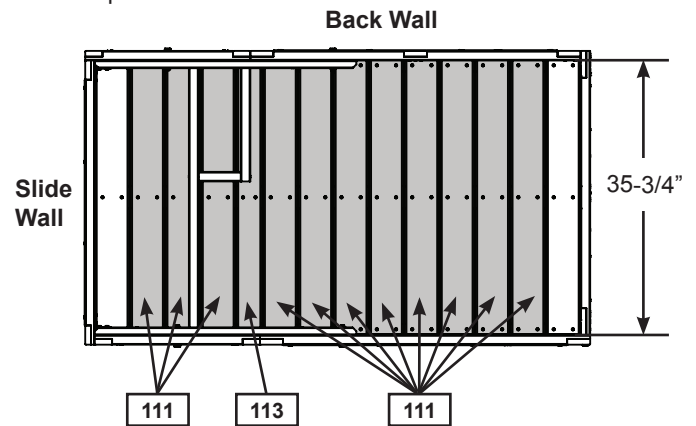
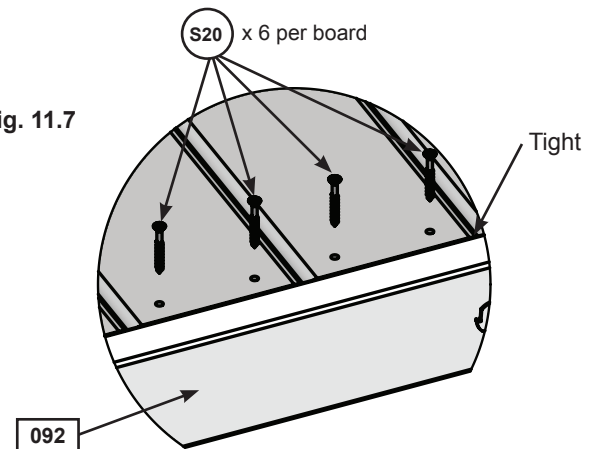


Fig. 11.7



Wood Parts

11 x 111 Floor Board 5/8 x 4-1/2 x 35-5/8"
1 x 113 Floor Board 5/8 x 3-3/8 x 35-5/8"

Hardware

72 x S20 #8 x 1-3/8" Wood Screw

Step 12: Attach Wall Tops

A: In the opening of (071) SW Wall Panel, from the inside, attach (121) SW Wall Top, tight to the corner of the panels with overhang facing in with 1 (S11) #8 x 2" Wood Screw at each end as shown in fig. 12.1 and 12.2.

B: In the opening of (073) Wall Back Panel, from the inside, attach (122) Half Wall Top, tight to the corner of the panels with overhang facing in with 1 (S11) #8 x 2" Wood Screw at each end as shown in fig. 12.1 and 12.2.

C: In the opening of (062) Back Narrow Panel, from the inside, attach (123) Small Half Wall Top tight to the corner of the panel with overhang facing in with 1 (S11) #8 x 2" Wood Screw at each end as shown in fig. 12.2.

D: At the top of each slat, flush to the wall tops, attach 1 Corner Bracket using 3 (S37) #7 x 5/8" Pan Screws per bracket. **Note: Small Half Wall Top does not require brackets.** (fig. 12.1 and 12.3)

Fig. 12.3

View from underneath

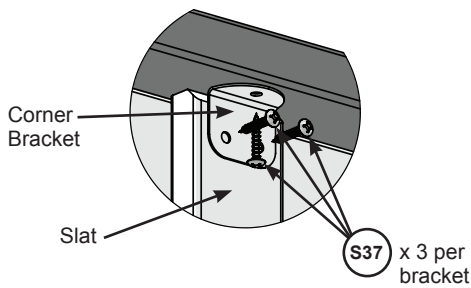


Fig. 12.2
Inside View

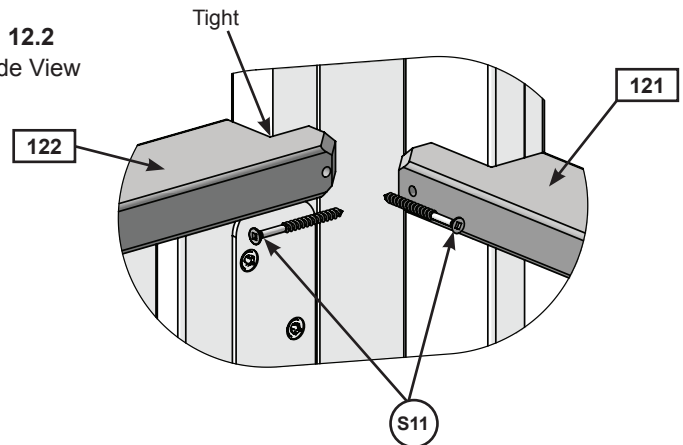
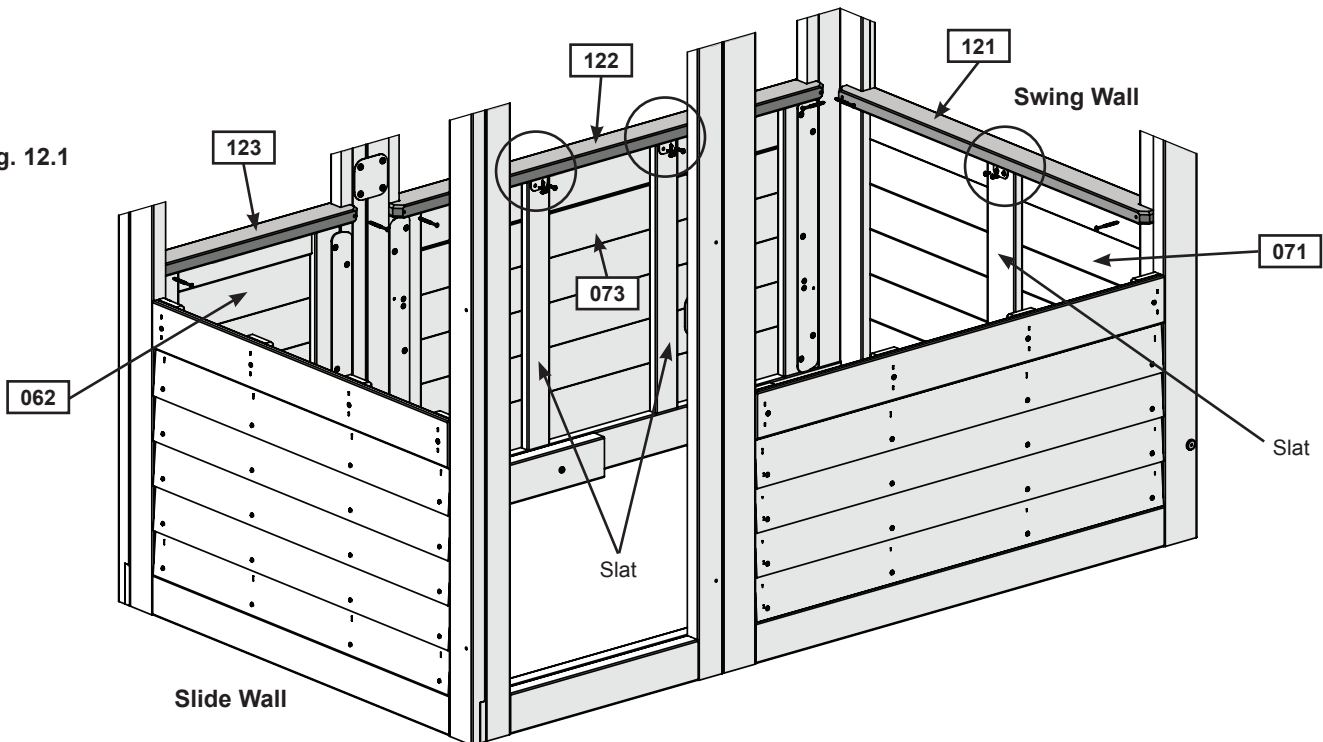


Fig. 12.1



Wood Parts

- 1 x 121 SW Wall Top 15/16 x 2-3/8 x 33-1/2"
- 1 x 122 Half Wall Top 15/16 x 2-3/8 x 39"
- 1 x 123 Small Half Wall Top 15/16 x 2-3/8 x 19"

Hardware

- 6 x S11 #8 x 2" Wood Screw
- 9 x S37 #7 x 5/8" Pan Screw

Other Parts

- 3 x Corner Bracket

Step 13: Front Wall Assembly

Part 1

- A:** Center (131) Table Support so that it's flush to the notches in (132) Table Top as shown in fig. 13.1. Attach using 4 (S7) #12 x 2" Pan Screws as shown in fig. 13.1.
- B:** Place Table Top Assembly in the center of opening and tight to (072) Front Wall Panel and attach (131) Table Support to (072) Front Wall Panel with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 13.2 and 13.3)

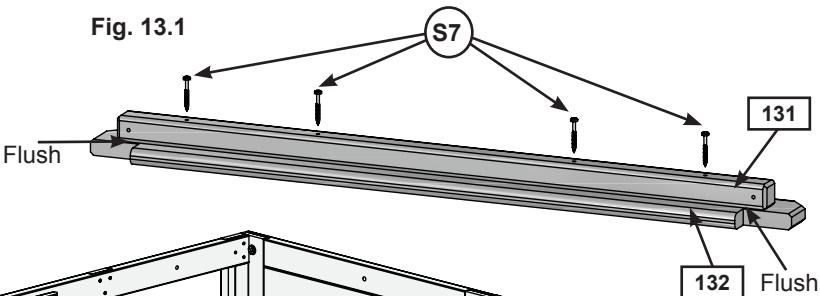


Fig. 13.2

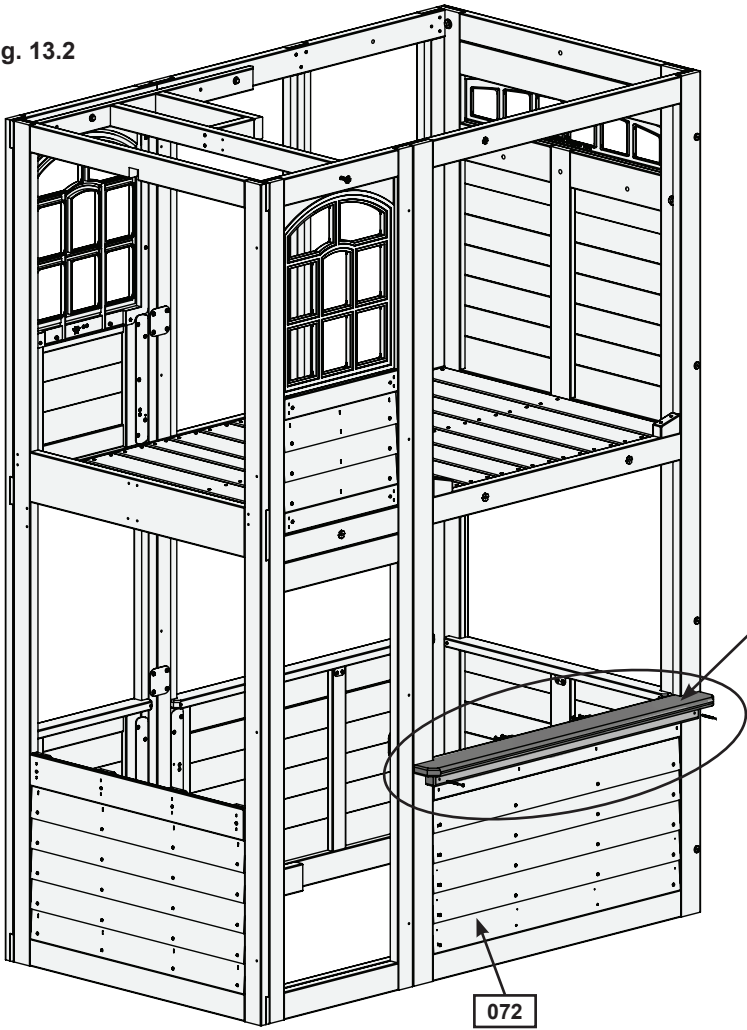


Fig. 13.3

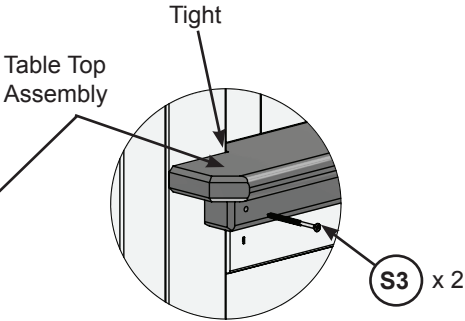


Fig. 13.3

Wood Parts

- 1 x 131 Table Support 1-1/2 x 1-1/2 x 39-5/8"
- 1 x 132 Table Top 15/16 x 3-1/4 x 42-3/4"

Hardware

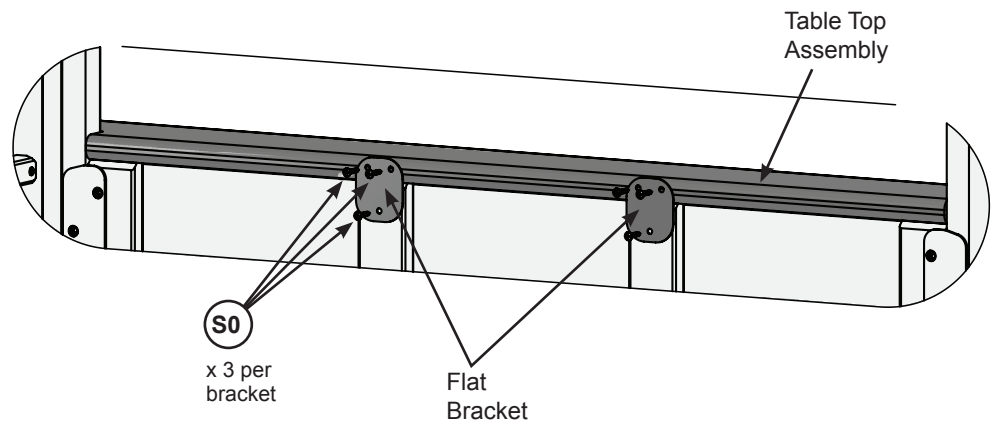
- 4 x S7 #12 x 2" Pan Screw
- 2 x S3 #8 x 2-1/2" Wood Screw

Step 13: Front Wall Assembly

Part 2

C: From inside the assembly attach (132) Table Top to slats in (072) Front Wall Panel with 2 Flat Brackets using 3 (S0) #8 x 7/8" Truss Screws per bracket. (fig. 13.4)

Fig. 13.4
Inside View



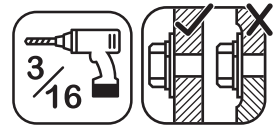
Hardware

6 x (S0) #8 x 7/8" Truss Screw

Other Parts

2 x Flat Bracket

Step 14: Attach Diagonal



A: Loosely attach (141) SW Ground to (142) Diagonal with 1 (WB9) 5/16 x 2-1/8" Wafer Bolt (with flat washer and t-nut) then place (142) Diagonal tight and flush to the front of (071) SW Wall Panel. (141) SW Ground to be flush to the bottom of (071) SW Wall Panel. (fig. 14.1 and 14.2)

B: Pre-drill pilot hole with a 3/16" drill bit then attach (142) Diagonal to (071) SW Wall Panel with 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with flat washer), checking that it remains flush to outside edge. (fig. 14.2)

C: Make sure bottom of (141) SW Ground is flush to bottom of (071) SW Wall Panel then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw then tighten the bolt. (fig. 14.2)

Fig. 14.1

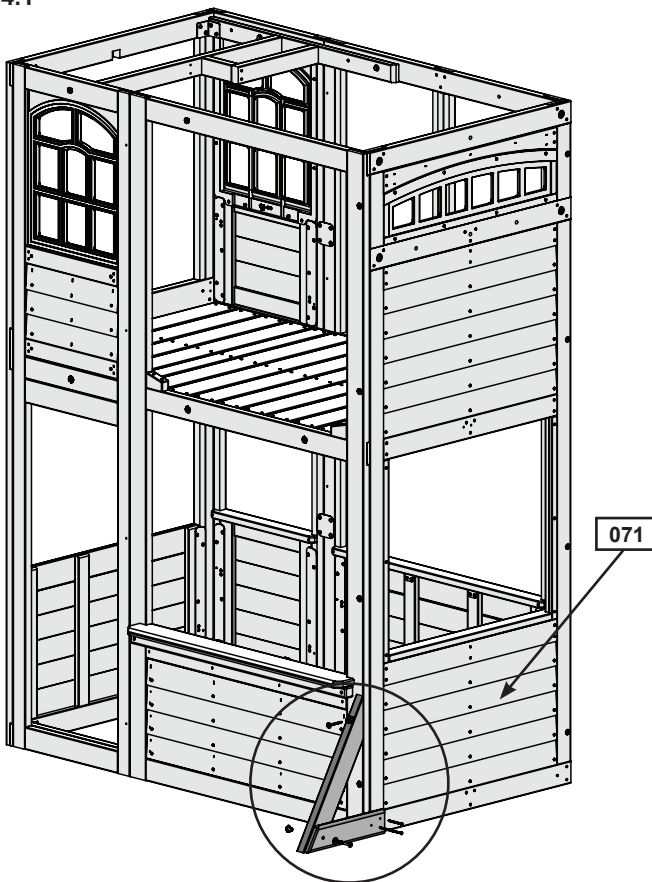
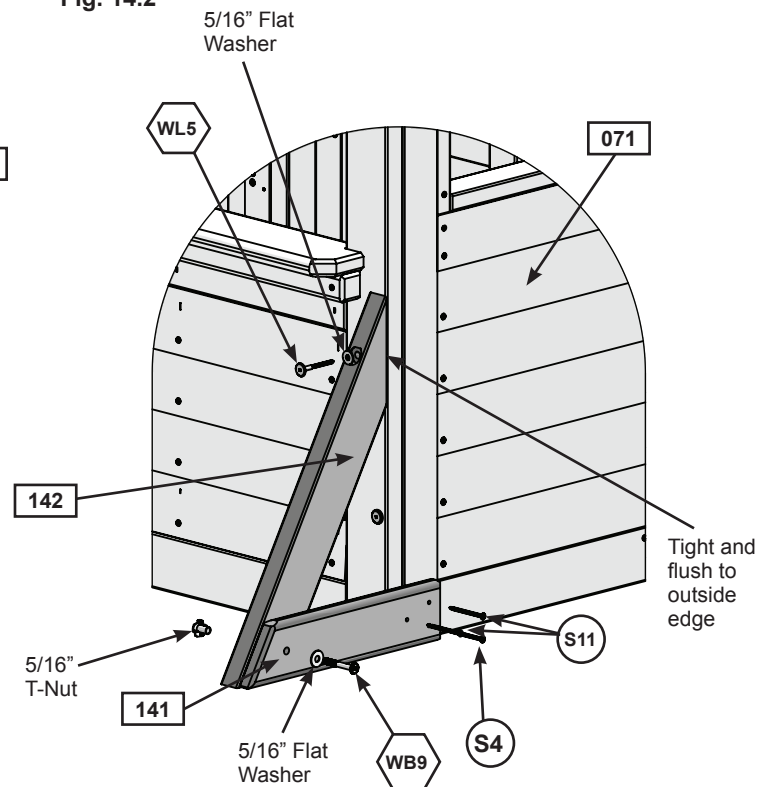


Fig. 14.2



Wood Parts

- 1 x **141** SW Ground 15/16 x 3-1/4 x 14-1/4"
- 1 x **142** Diagonal 1-1/4 x 3 x 22"

Hardware

- 1 x **WB9** 5/16 x 2-1/8" Wafer Bolt (5/16" flat washer, 5/16" t-nut)
- 1 x **WL5** 1/4 x 2-1/2" Wafer Lag (5/16" flat washer)
- 1 x **S4** #8 x 3" Wood Screw
- 2 x **S11** #8 x 2" Wood Screw

Step 15: Attach Access Ladder/Rockwall Assembly Part 1

A: Place Access Ladder/Rockwall Assembly from Step 3 against (073) Wall Panel Back. Line up the pre-drilled holes in the (073) Wall Panel Back making sure that it's flush to the top of the floor boards then attach with 3 (WB9) 5/16 x 2-1/8" Wafer Bolts (with flat washer and t-nut previously installed). (fig. 15.1 and 15.2)

Fig. 15.1

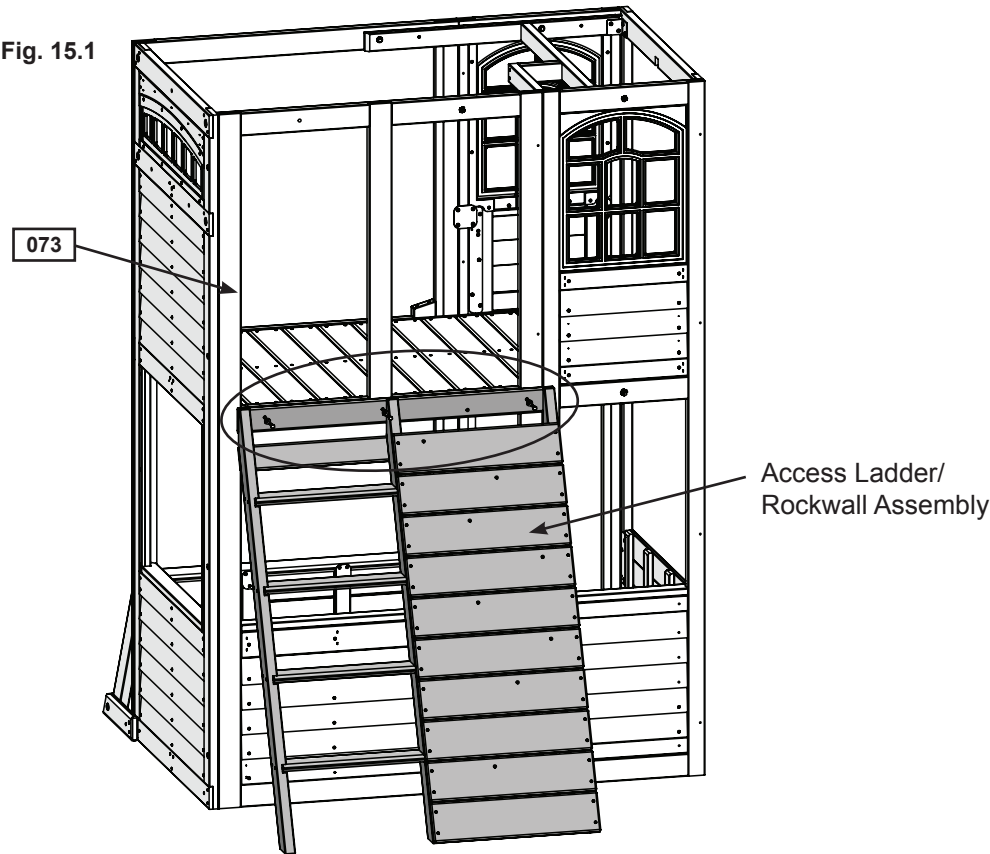
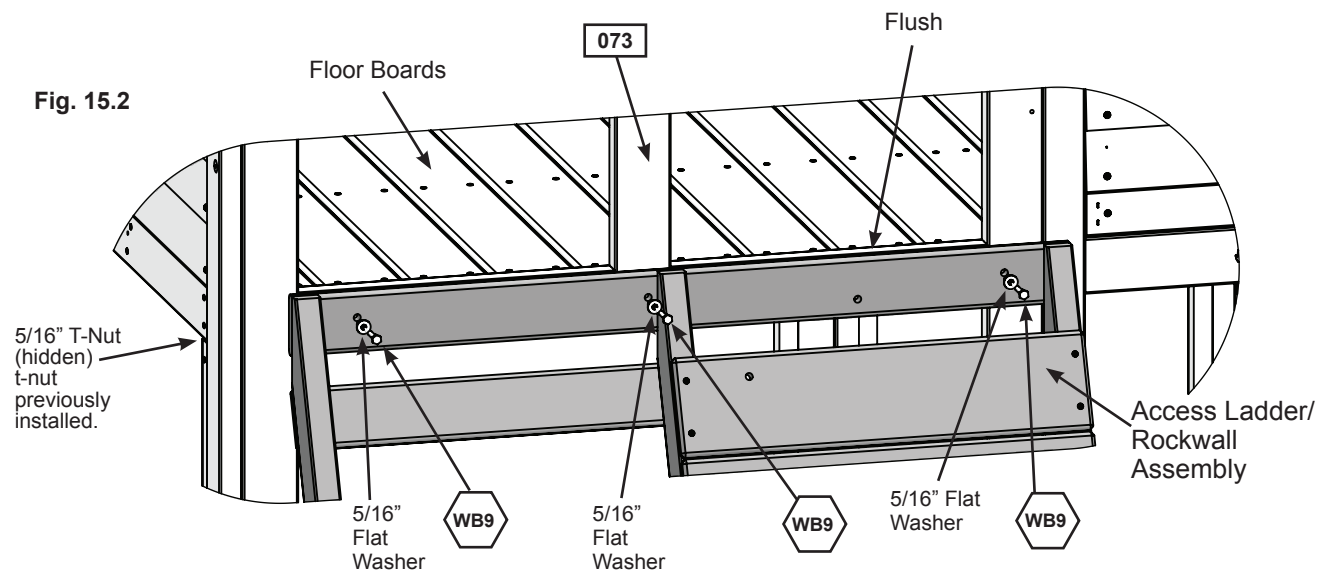


Fig. 15.2



Hardware

3 x  5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)

Step 15: Attach Access Ladder/Rockwall Assembly Part 2

B: Place (031) Access Board from Step 3, against (021) Left Access Rail and (020) Right Access Rail and flush to the top then attach with 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 15.3 and 15.4)

Fig. 15.3

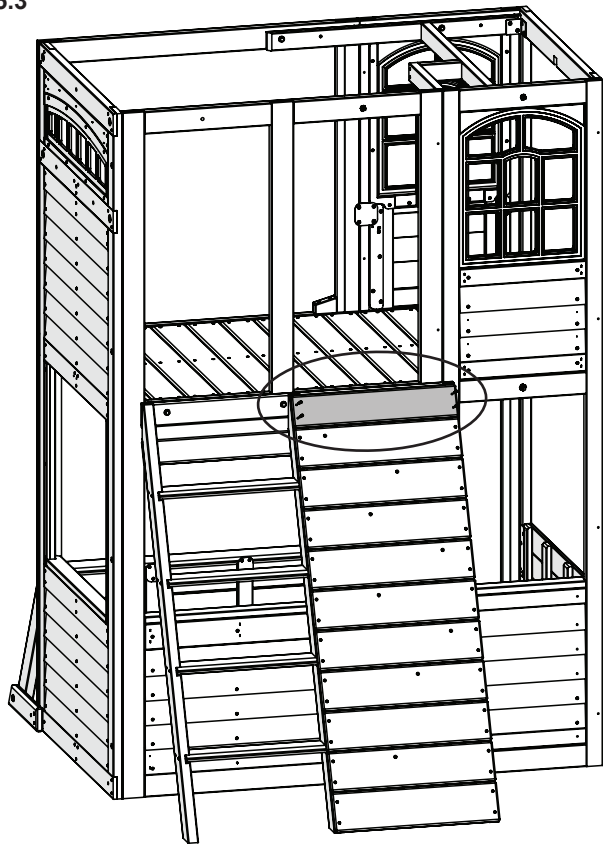
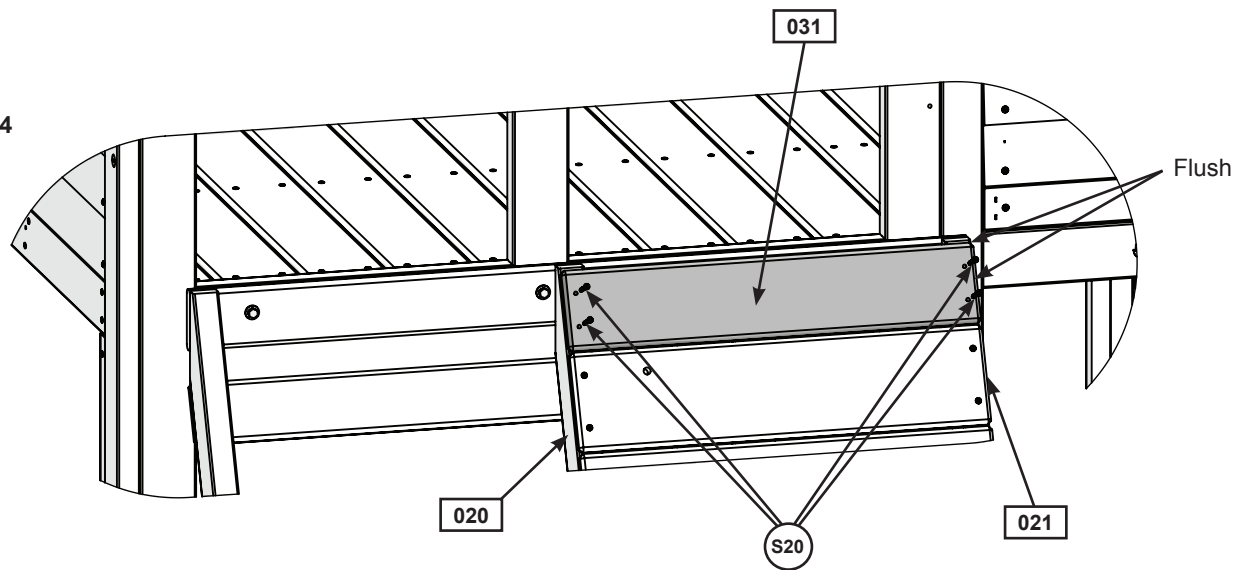


Fig. 15.4



Hardware

4 x (S20) #8 x 1-3/8" Wood Screw

Step 15: Attach Access Ladder/Rockwall Assembly Part 3



C: Place (151) Support Diagonal so that the angled end is flush to the front edge and to the bottom of (021) Left Access Rail. The opposite end should be tight against (071) SW Wall Panel. Attach (151) Support Diagonal to (021) Left Access Rail using pre drill 1 (S7) #12 x 2" Pan Screw (with flat washer).

D: Center 1 Corner Panel Bracket on each side of (151) Support Diagonal so that each bracket is flat against the brace and the wall panel as shown in (fig. 15.6). Attach each Corner Panel Bracket using 4 (S0) #8 x 7/8" Truss Screws.

Fig. 15.5

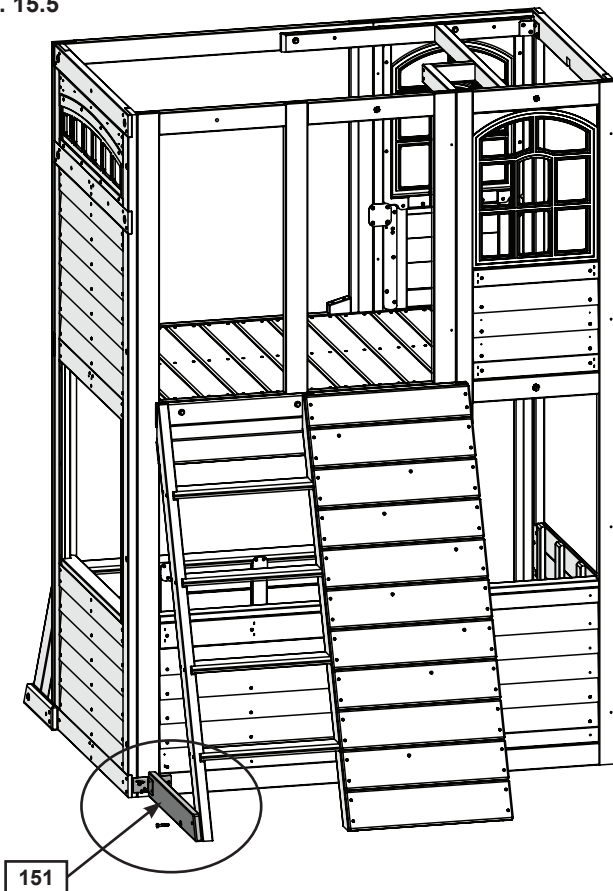
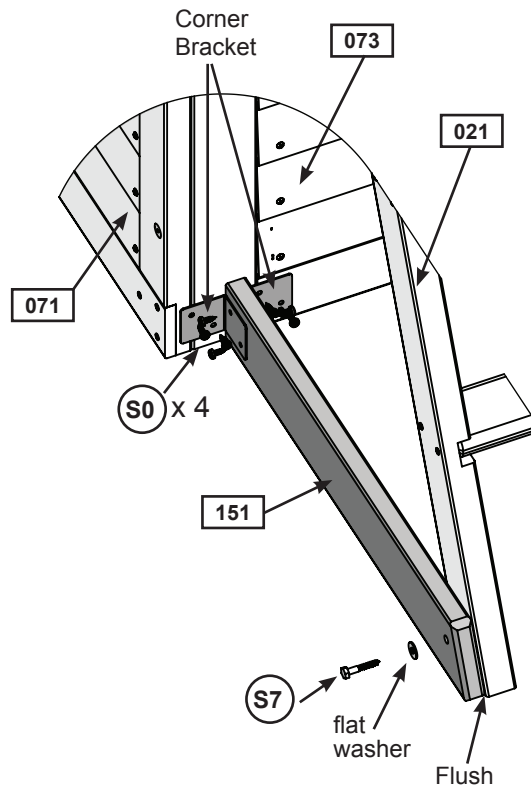


Fig. 15.6



Wood Parts

1 x 151 Support Diagonal 15/16 x 3-1/4 x 23-11/16"

Hardware

1 x S7 #12 x 2" Pan Screw (with flat washer)

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

Other Parts

2 x Corner Panel Bracket

Step 16: Door Panel Assembly Part 1



A: On the inside of (161) Door Window Panel measure 15" up from the bottom and attach Catch Plate flush to the edge using 2 (S38) #7 x 1-1/8" Pan Screws. (fig. 16.1 and 16.2)

B: On the inside of (161) Door Window Panel measure 22" up from the bottom and attach 1 Door Handle using 2 (S37) #7 x 5/8" Pan Screws. (fig. 16.1 and 16.2)

Fig. 16.1

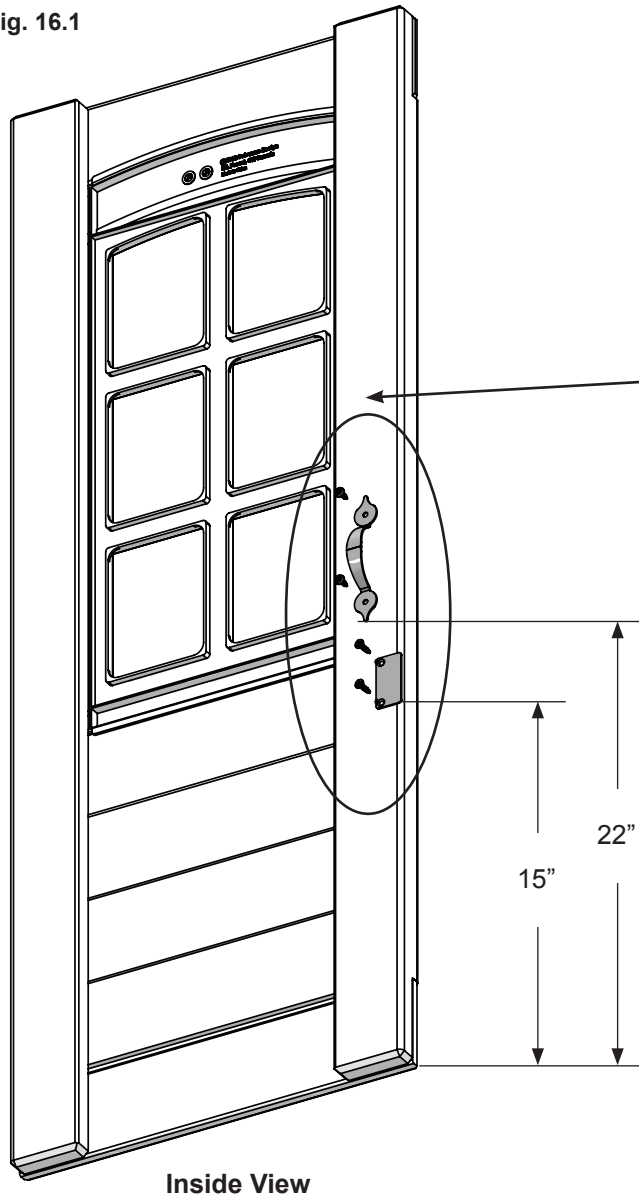
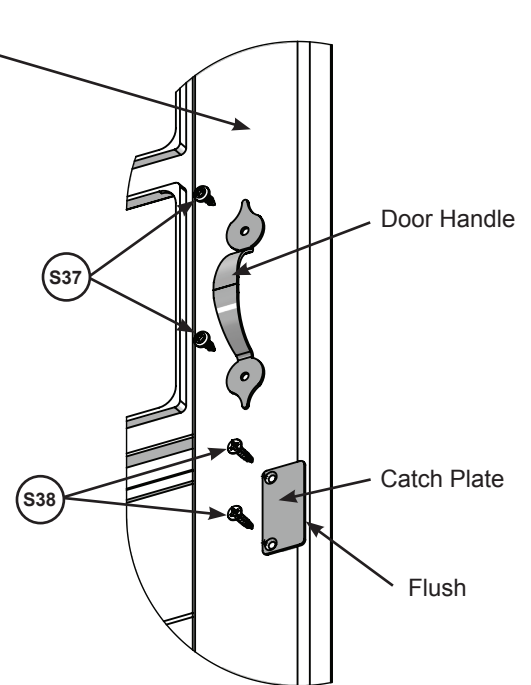


Fig. 16.2



Wood Parts

1 x 161 Door Window Panel 1-1/4 x 15-3/4 x 42-1/8"

Hardware

2 x S38 #7 x 1-1/8" Pan Screw

2 x S37 #7 x 5/8" Pan Screw

Other Parts

1 x Door Handle

1 x Catch Plate

Step 16: Door Panel Assembly Part 2



C: On the outside of the (161) Door Window Panel attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S37) #7 x 5/8" Pan Screws. (fig. 16.3)

D: Attach 2 Door Hinges on the outside of the (161) Door Window Panel on the opposite side from the Door Handle. Judge spacing based on fig. 16.3. Use 3 (S37) #7 x 5/8" Pan Screws per Hinge.

Note: Hinge stops must be tight to (161) Door Window Panel. (fig. 16.4)

Fig. 16.3

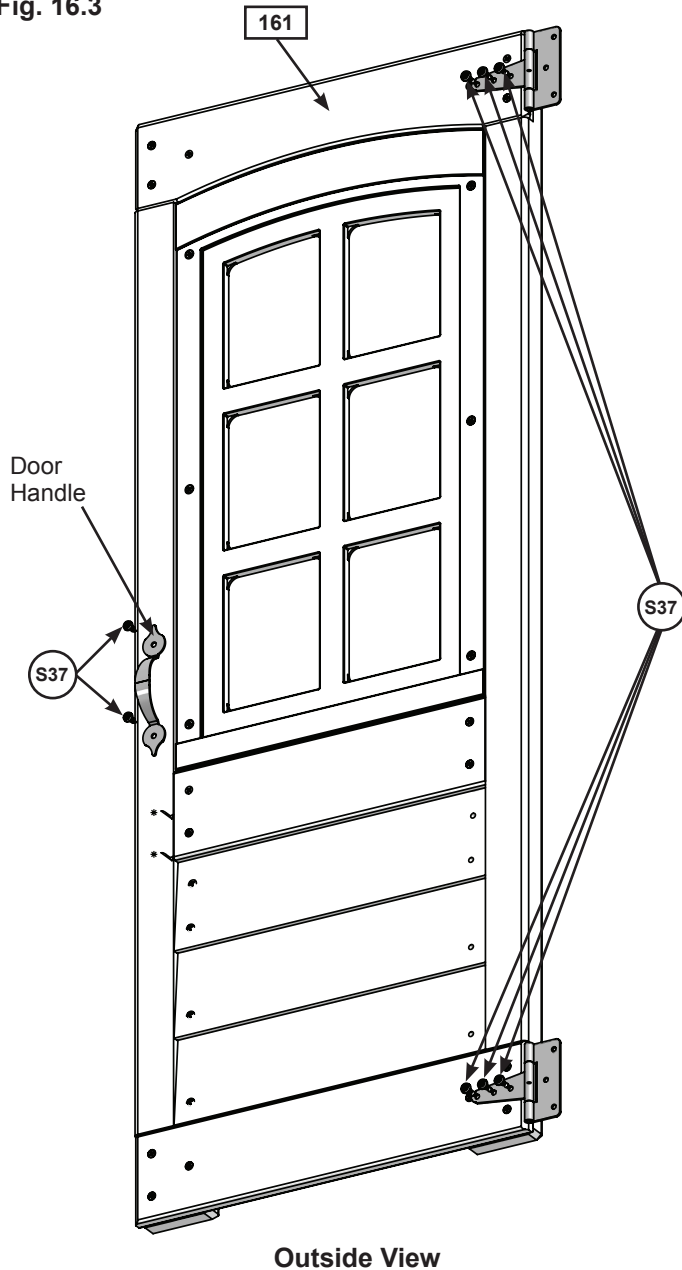
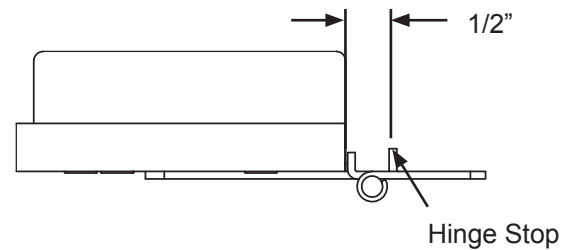


Fig. 16.4

Top View



Hardware

8 x (S37) #7 x 5/8" Pan Screw

Other Parts

1 x Door Handle
2 x Door Hinge

Step 16: Door Panel Assembly Part 3



E: In the opening for the door, measure $\frac{3}{4}$ " down from the top of (062) Narrow Front Panel and a maximum of $\frac{5}{8}$ " from right side of the opening as shown in fig. 16.5. Attach the remaining side of the hinges to (062) Narrow Front Panel using 3 (S37) #7 x $\frac{5}{8}$ " Pan Screws per hinge. (fig. 16.5)

Fig. 16.5

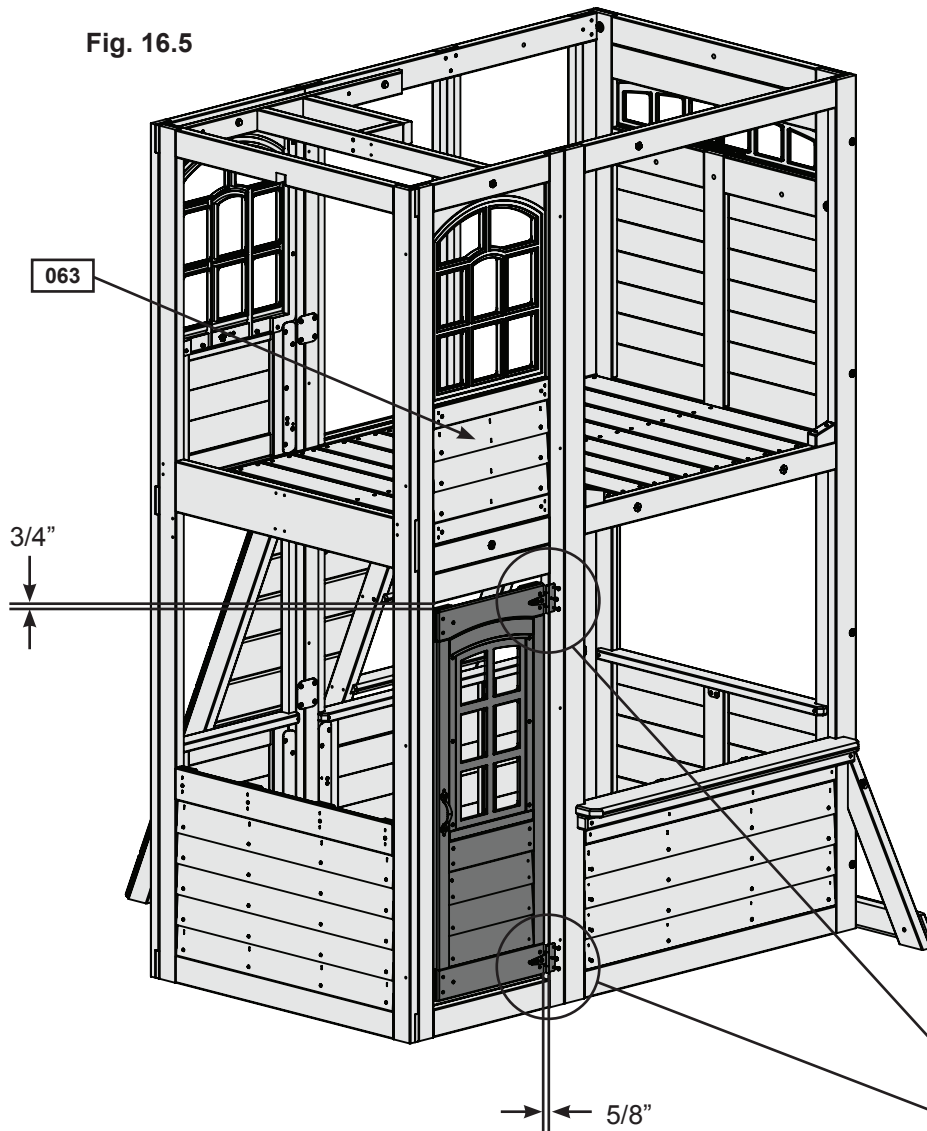
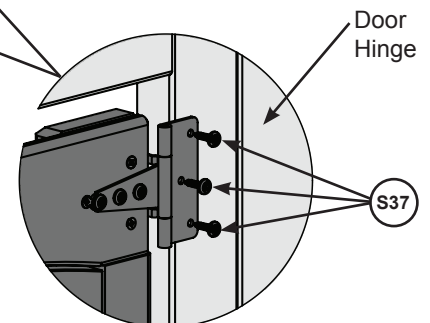


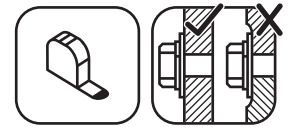
Fig. 16.6



Hardware

6 x (S37) #7 x $\frac{5}{8}$ " Pan Screw

Step 16: Door Panel Assembly Part 4



F: In the notched out opening of (162) Door Stop attach the Magnetic Catch using 2 (S38) #7 x 1-1/8" Pan Screws. (fig. 16.7) **Important: Use a hand held screw driver and DO NOT over tighten.**

G: On the inside of the assembly, attach (162) Door Stop to (063) Narrow Front Panel with 3 (S11) #8 x 2" Wood Screws, making sure (162) Door Stop overhangs (063) Narrow Front Panel by 1-1/4" and is in position to receive the Catch Plate. (fig. 16.8 and 16.9).

Fig. 16.7

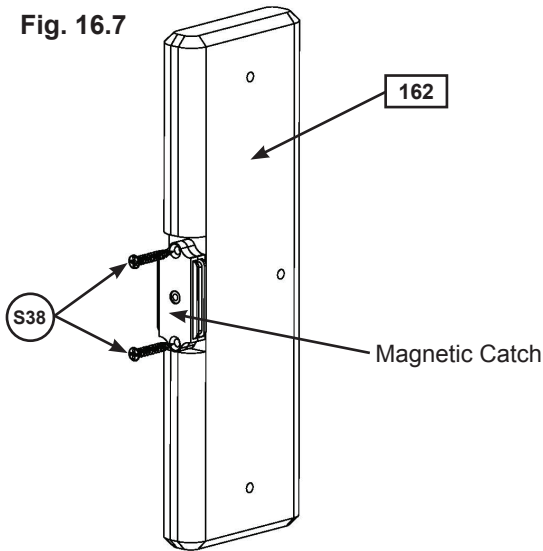


Fig. 16.8

Inside View

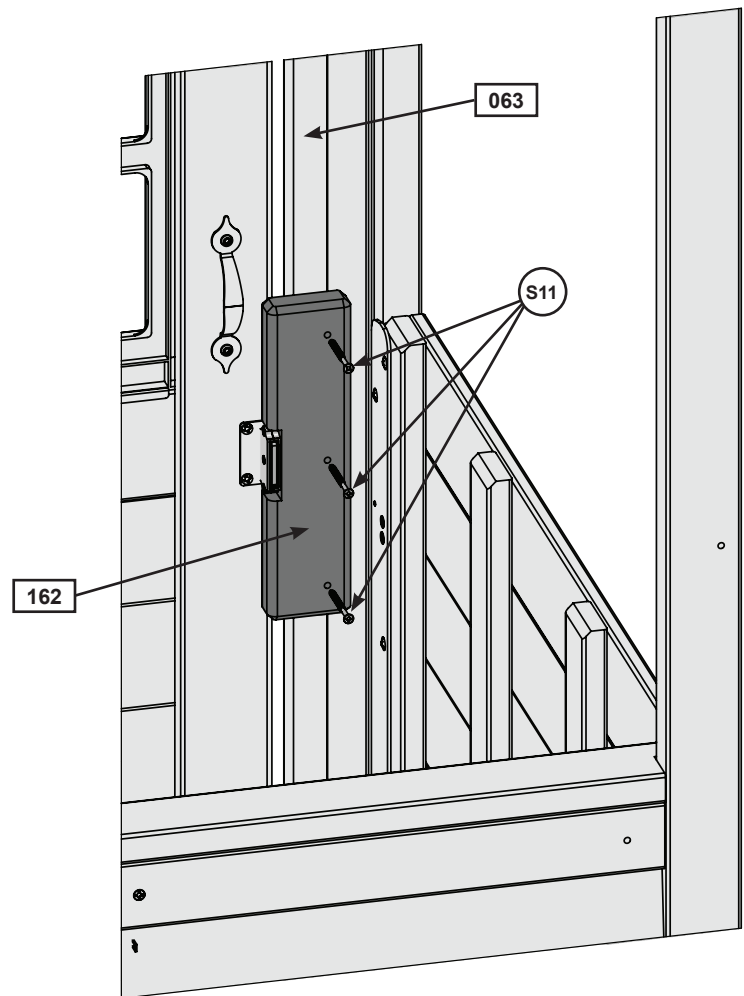
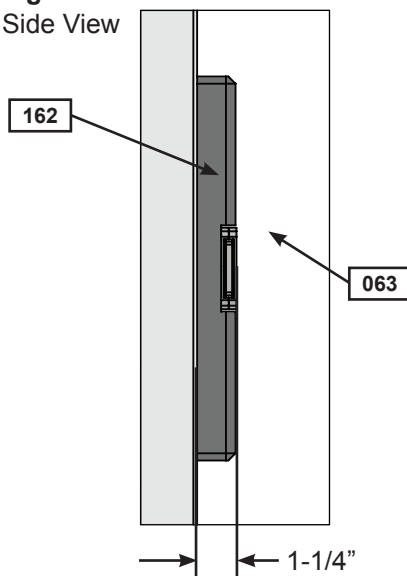


Fig. 16.9

Side View



Wood Parts

1 x (162) Door Stop 1 x 2-1/2 x 10"

Hardware

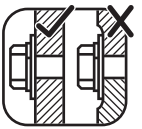
2 x (S38) #7 x 1-1/8" Pan Screw

3 x (S11) #8 x 2" Wood Screw

Other Parts

1 x Magnetic Catch

Step 17: Swing Beam Assembly Part 1



A: Attach 6 Heavy Duty Swing Hangers to (171) Engineered SW Beam using 2 (G13) 5/16 x 6-1/8" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut) per swing hanger, as shown in fig. 17.1 and 17.2.

B: Attach 1 Spring Loaded Quick Link to each Heavy Duty Swing Hanger. (fig. 17.3)

C: Install 1 (WB7) 5/16 x 3" Wafer Bolt (with flat washer and t-nut) in the middle bolt hole, from the bottom up, in (171) Engineered SW Beam as shown in fig. 17.1 and 17.4. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.**

D: Attach Cedar Summit by KidKraft Plaque to centre of (171) Engineered SW Beam (over top of t-nut) using 4 (S38) #7 x 1-1/8" Pan Screws. (fig. 17.5)

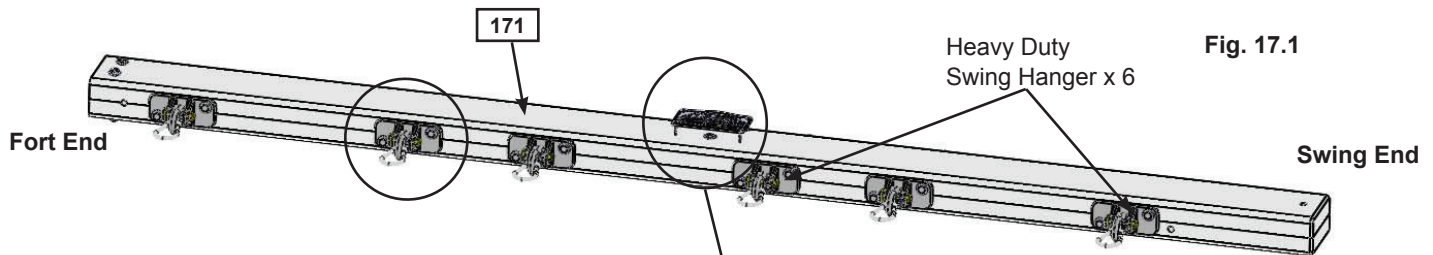


Fig. 17.1

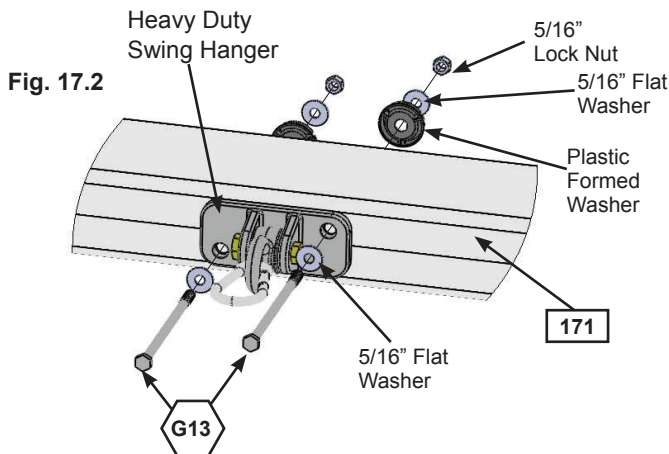


Fig. 17.2

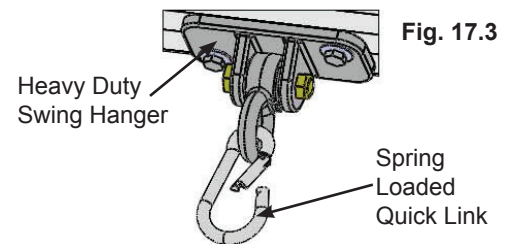


Fig. 17.3

Caution: The Spring Loaded Quick Link must be attached to the Heavy Duty Swing Hanger in the closed position. (fig. 17.4)

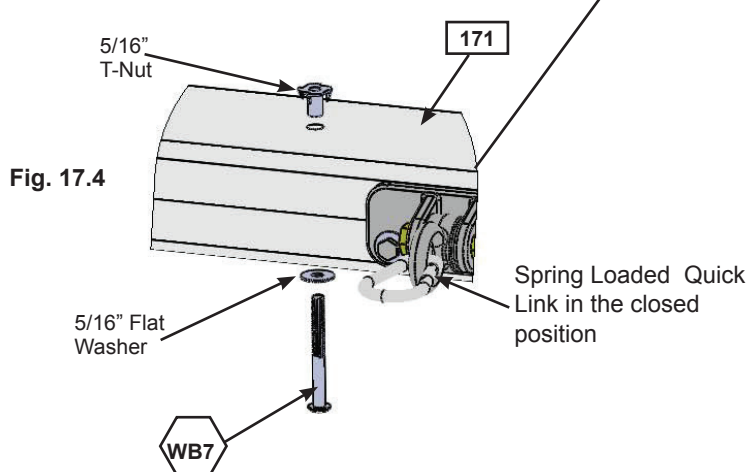


Fig. 17.4

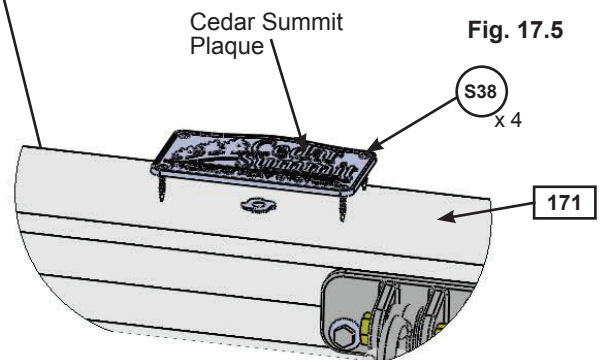


Fig. 17.5

Wood Parts

1 x (171) Engineered SW Beam 3 x 5-1/4 x 92"

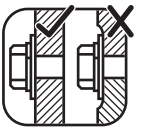
Hardware

12 x (G13) 5/16 x 6-1/8" Hex Bolt
(5/16" flat washer x 2, 5/16" lock nut & plastic formed washer)
1 x (WB7) 5/16 x 3" Wafer Bolt
(5/16" flat washer, 5/16" t-nut)
4 x (S38) #7 x 1-1/8" Pan Screw

Other Parts

6 x Heavy Duty Swing Hangers
6 x Spring Loaded Quick Link
1 x Cedar Summit by KidKraft Plaque

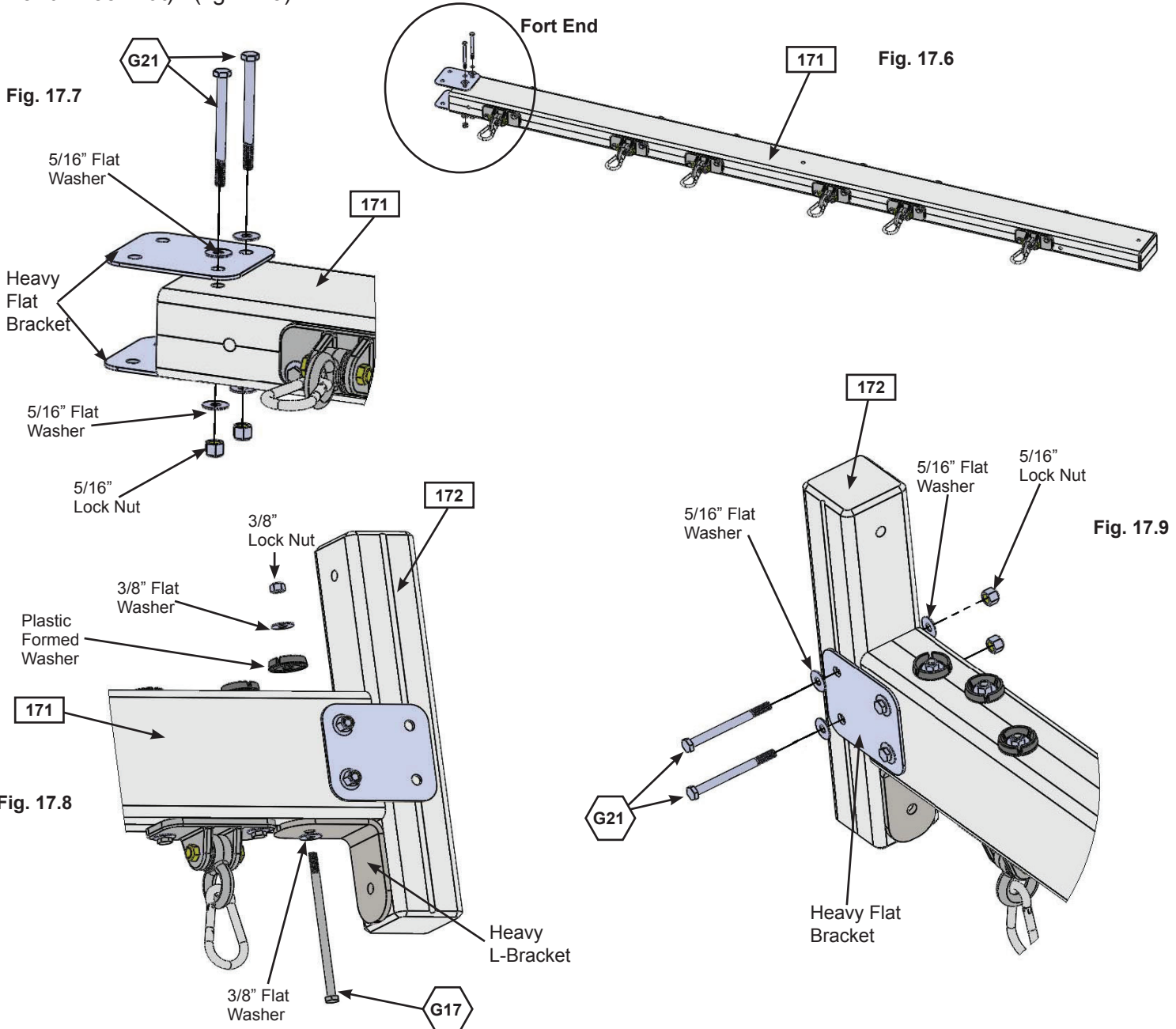
Step 17: Swing Beam Assembly Part 2



E: On the Fort End of (171) Engineered SW Beam attach 2 Heavy Flat Brackets with 2 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 17.6 and 17.7)

F: Place (172) SW Mount in between both Heavy Flat Brackets and place 1 Heavy L-Bracket against (171) Engineered SW Beam and (172) SW Mount. Attach with 1 (G17) 3/8 x 6" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut). (fig. 17.8)

G: Attach (172) SW Mount to Heavy Flat Brackets with 2 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 17.9)



Wood Parts

1 x 172 SW Mount 3 x 3 x 16"

Hardware

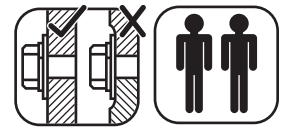
4 x G21 5/16 x 3-3/4" Hex Bolt
(5/16" flat washer x 2, 5/16" lock nut)

1 x G17 3/8 x 6" Hex Bolt
(3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)

Other Parts

2 x Heavy Flat Bracket
1 x Heavy L-Bracket

Step 18: Swing Post Assembly Part 1



Note: Keep all bolts from Step 18 series loose until start of Step 20

A: Place (181) SW Block Angle on top of (182) Block SW and attach 2 Heavy L-Brackets on top of (181) SW Block Angle feeding 2 (G17) 3/8 x 6" Hex Bolts (with 2 flat washers, plastic formed washer and lock nut) through both boards as shown in fig. 18.1 and 18.2.

B: Attach 3 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) to all three holes in each (183) SW Post as shown in fig. 18.3. **IMPORTANT! MAKE SURE ALL 6 BOLTS ARE ATTACHED TO MINIMIZE CHECKING OF WOOD.**

C: Place (181) SW Block Angle and (182) Block SW assembly in between 2 (183) SW Post (Heavy L-Brackets towards the outside). Place 1 Heavy C-Bracket on the top (183) SW Post and attach with (G26) 3/8 x 9-1/4" Hex Bolt (with 2 flat washers and 1 lock nut), as shown in fig. 18.4

Fig. 18.1
Bottom View

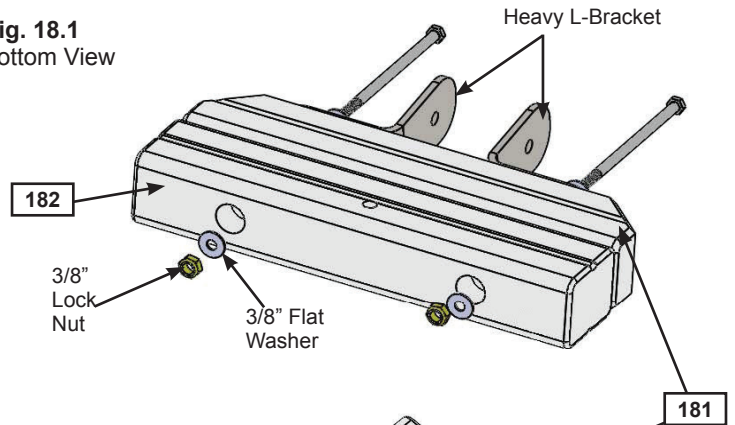


Fig. 18.2
Top View

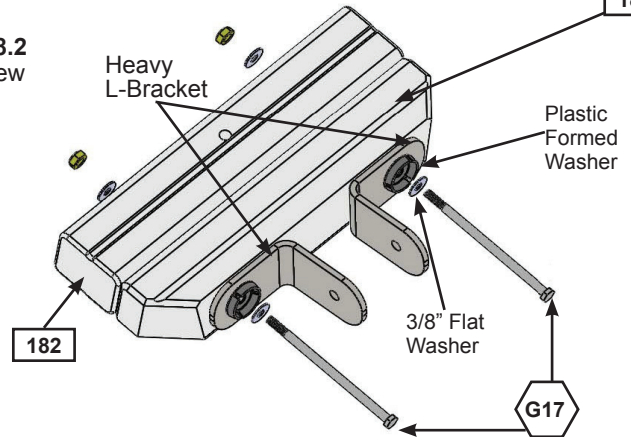


Fig. 18.4

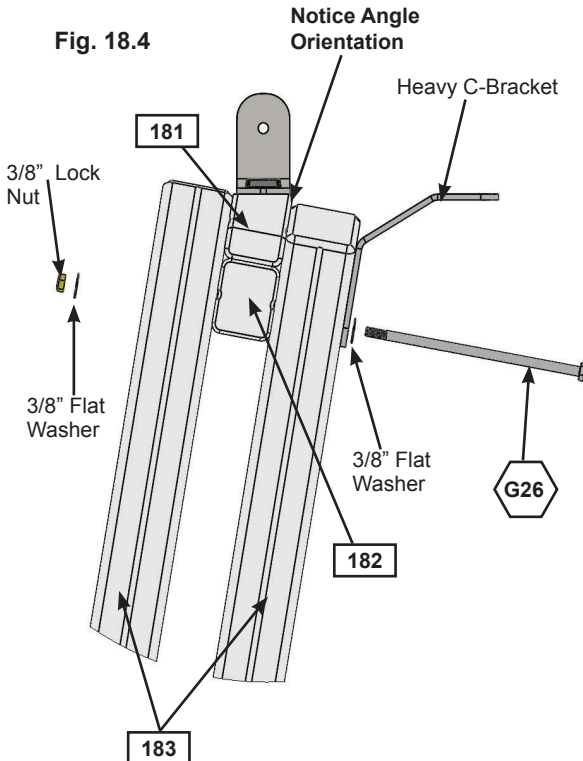
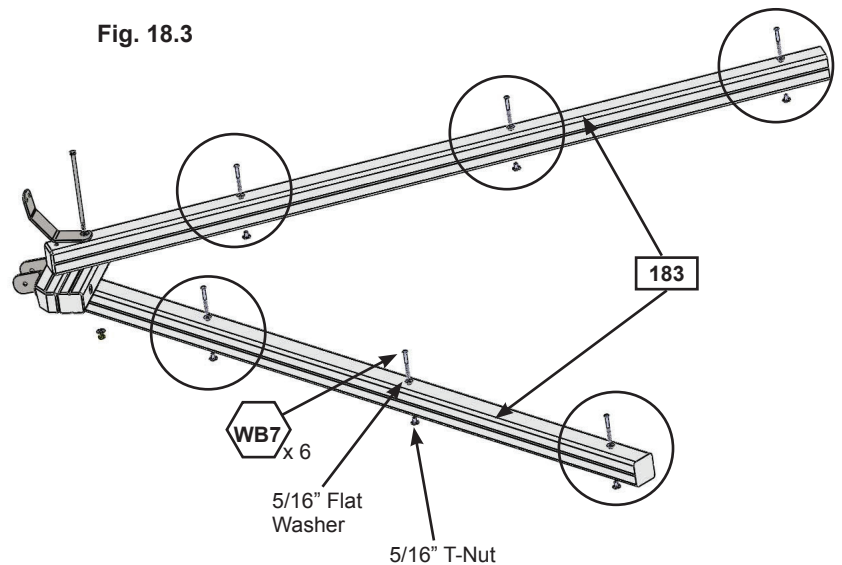


Fig. 18.3



Wood Parts

- 1 x 181 SW Block Angle 2-1/2 x 3 x 15"
- 1 x 182 Block SW 2-1/2 x 3 x 15"
- 2 x 183 SW Post 3 x 3 x 92"

Hardware

- 2 x G17 3/8 x 6" Hex Bolt (3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)
- 1 x G26 3/8 x 9-1/4" Hex Bolt (3/8" flat washer x 2 & 3/8" lock nut)
- 6 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)

Other Parts

- 2 x Heavy L-Bracket
- 1 x Heavy C-Bracket

Step 18: Swing Post Assembly Part 2

D: Place Swing End of (171) Engineered SW Beam in between Heavy L-Brackets assembled in Step A making sure holes are lined up then attach Swing Post Assembly to Swing Beam Assembly using 1 (G20) 3/8 x 4" Hex Bolt (with 2 flat washers and lock nut) through Heavy L-Bracket. (fig. 18.5)

E: Attach (171) Engineered SW Beam to Heavy C-Bracket with 1 (G17) 3/8 x 6" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut). (fig. 18.6)

Fig. 18.5

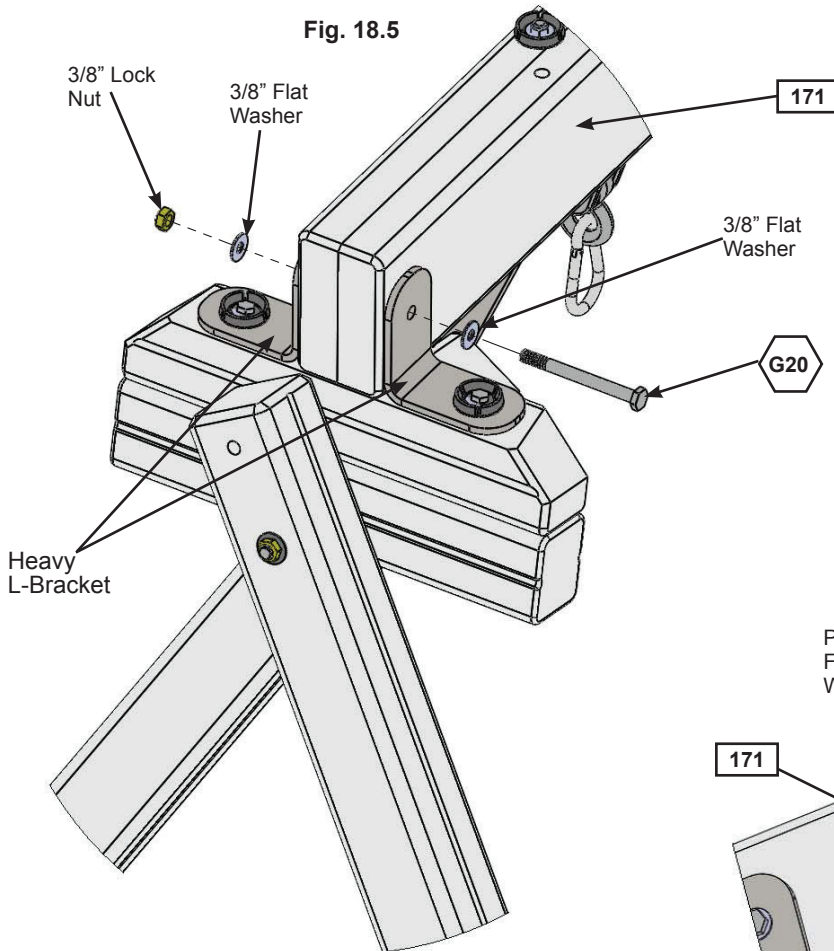
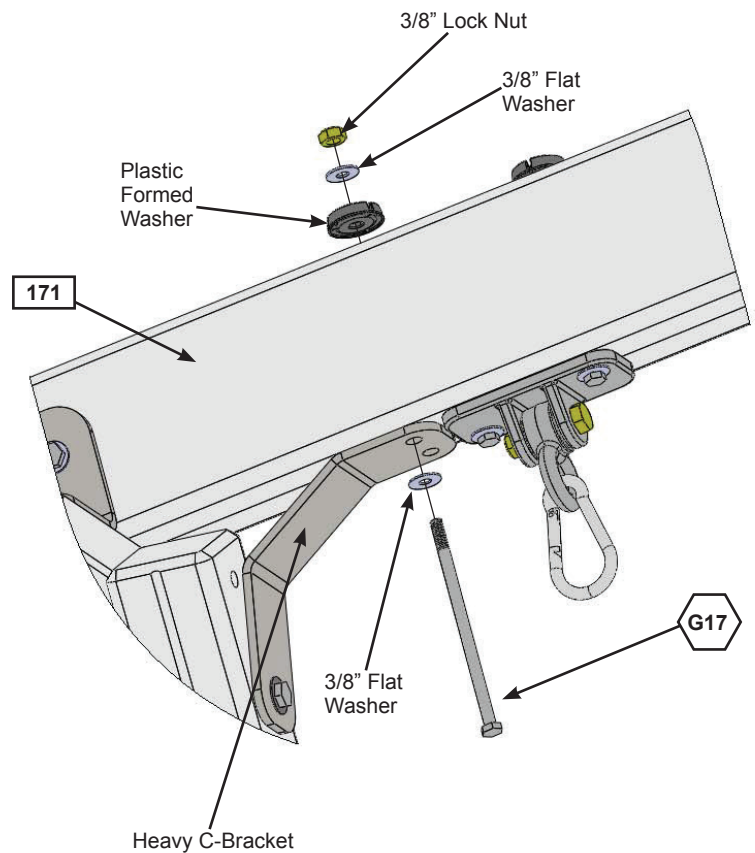




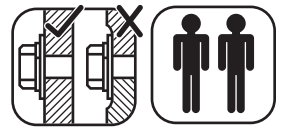
Fig. 18.6



Hardware

- 1 x  3/8 x 6" Hex Bolt
(3/8" flat washer x 2, plastic formed washer & 3/8" lock nut)
- 1 x  3/8 x 4" Hex Bolt
(3/8" flat washer x 2 & 3/8" lock nut)

Step 18: Swing Post Assembly Part 3



F: Place (172) SW Mount flush to the top of (071) SW Wall Panel. Attach with 1 (G5) 5/16 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) in the bottom hole from outside the assembly and 1 (G5) 5/16 x 4-1/2" Hex Bolt (with 2 x flat washer and 1 lock nut) in the top hole from inside the assembly. (fig. 18.7 and 18.8)

Fig. 18.7

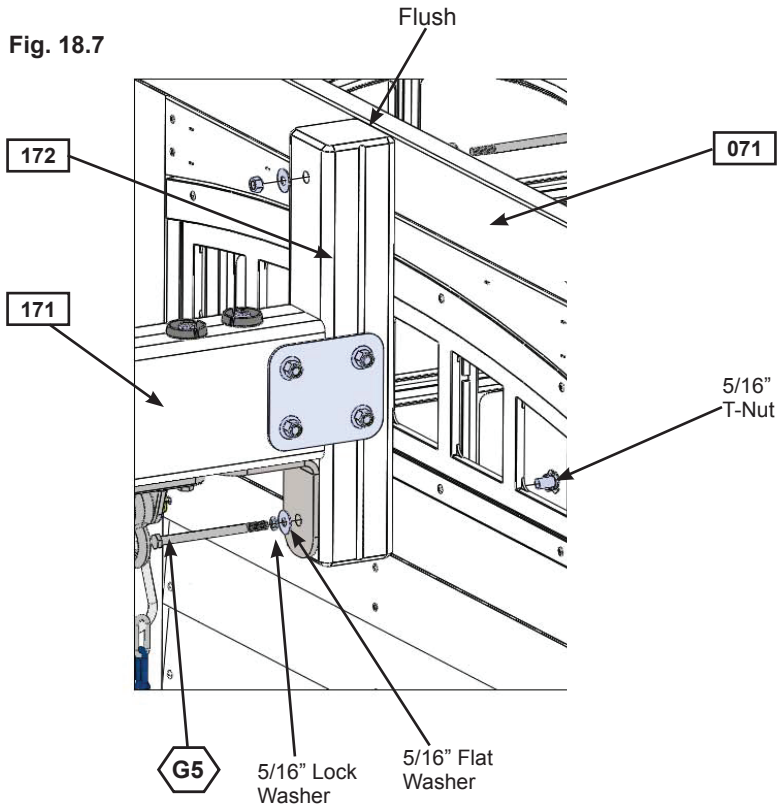
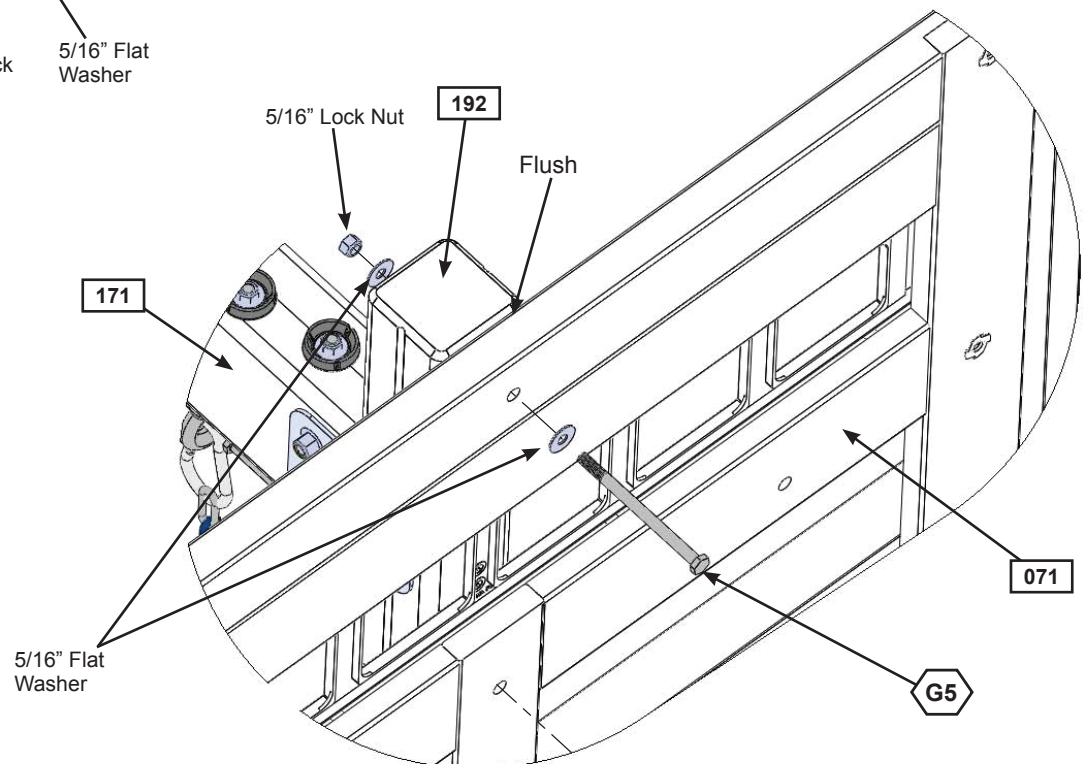


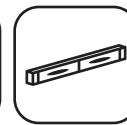
Fig. 18.8



Hardware

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

Step 19: Attach Cross Support



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

A: To adjust for uneven ground, raise or lower the (191) Support Cross on the (183) SW Post. Make sure the Support Cross is level prior to attaching with the lag screws. (fig. 19.1 and 19.2)

B: Place (191) Support Cross between (183) SW Posts at the previously determined spot and fasten with 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) per side. (fig. 19.2 and 19.3) **Notice one side is fastened on the outside and one on the inside. It is important that each side is positioned exactly the same as the diagram. (fig. 19.3) Tighten the lag screw when you are sure (191) Support Cross is level.**

C: Attach 1 (WB8) 5/16 x 2-3/8" Wafer Bolt (with flat washer and t-nut) to (191) Support Cross through the middle hole. (fig. 19.2 and 19.3) **IMPORTANT! MAKE SURE THE BOLT IS ATTACHED TO MINIMIZE CHECKING OF WOOD.**

Fig. 19.1

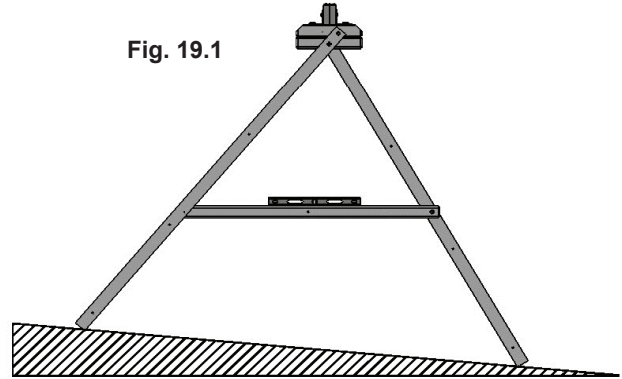


Fig. 19.2

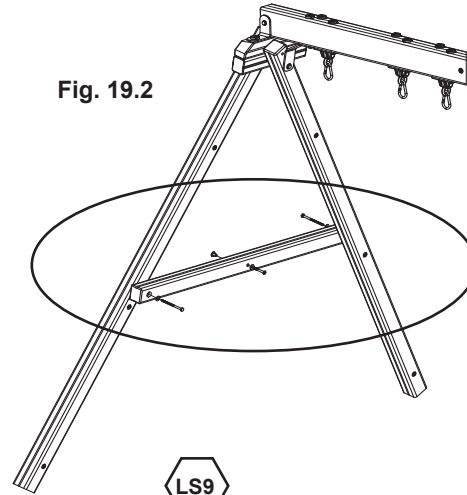
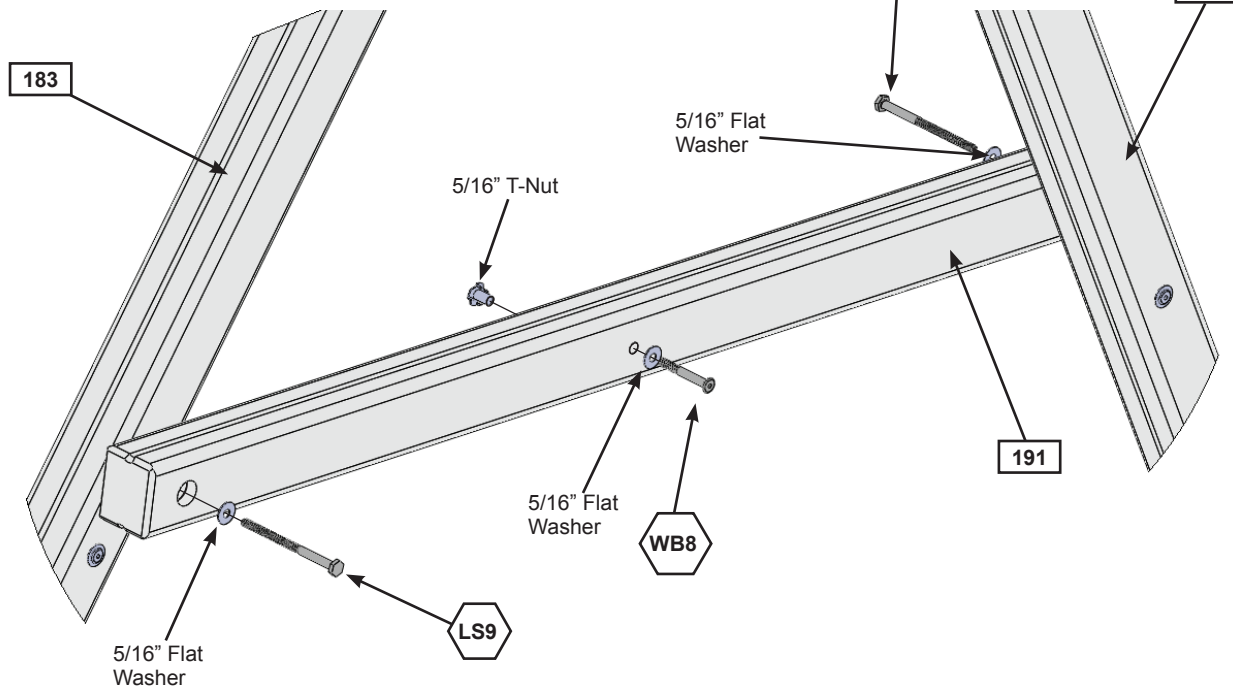


Fig. 19.3



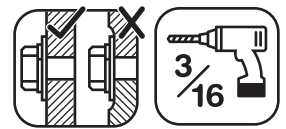
Wood Parts

1 x (191) Support Cross 2-1/2 x 3 x 51"

Hardware

2 x (LS9) 5/16 x 4-3/4" Lag Screw
(5/16" flat washer)
1 x (WB8) 5/16 x 2-3/8" Wafer Bolt
(5/16" flat washer, 5/16" t-nut)

Step 20: Final Swing Post Assembly



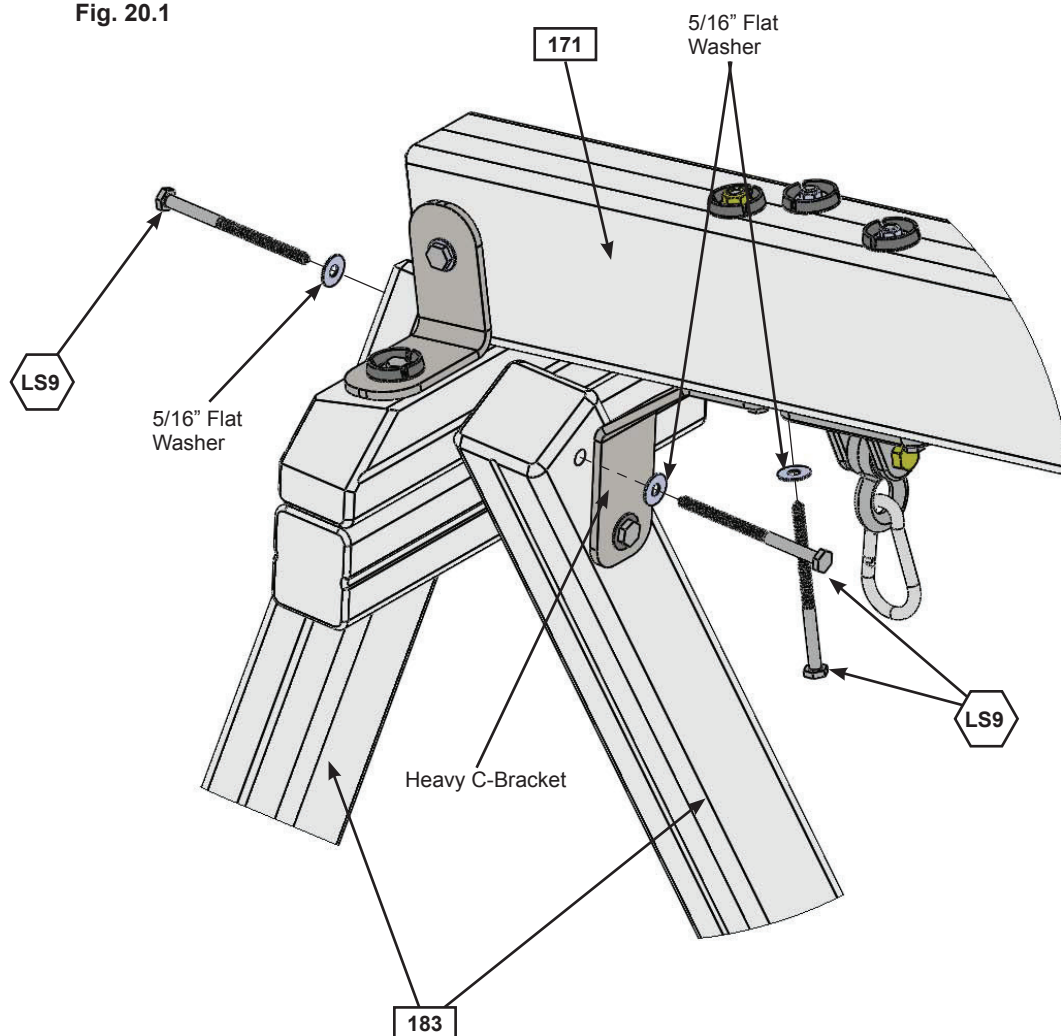
Pre-drill all holes using a 3/16" drill bit before installing the lag screws.

Note: Tighten all bolts from Step 18 series before installing lag screws.


A: Attach 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) into each (183) SW Post, as shown in fig. 20.1.

B: Attach 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) into remaining hole of the Heavy C-Bracket into (171) Engineered SW Beam. (fig. 20.1)

Fig. 20.1



Hardware

3 x  5/16 x 4-3/4" Lag Screw
(5/16" flat washer)

Step 21: Install Ground Stakes

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

A: In the 5 places shown in fig. 21.1 drive the Rebar Ground Stakes 13" into the ground against (142) Diagonal, (060) End Panel, (021) Left Access Rail and both (183) SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off. (fig. 21.1 and 21.2)

B: Attach ground stakes using 1 (S7) #12 x 2" Pan Screw per ground stake as shown in fig. 21.3.

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

⚠ Warning! To prevent tipping and avoid potential injury, stakes must be driven 13" into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 21.1

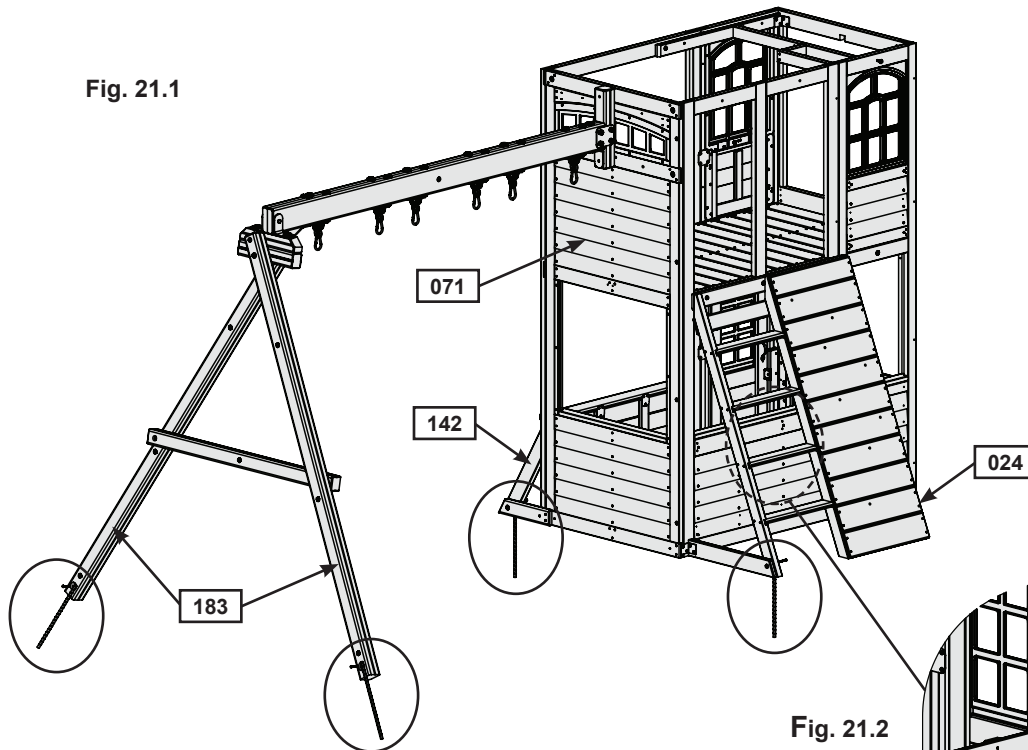


Fig. 21.3

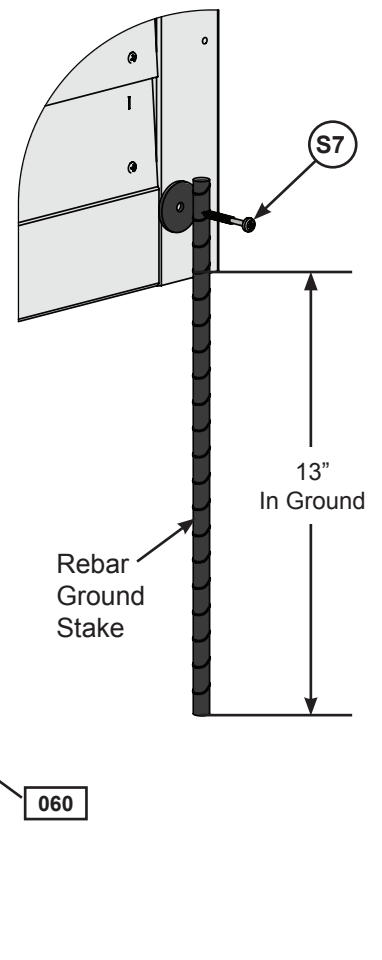


Fig. 21.2

**SEE FRONT COVER FOR
SAFETY CLEARANCE**

Hardware

5 x (S7) #12 x 2" Pan Screw

Other Parts

5 x Rebar Ground Stake

Step 22: Slide Entrance Assembly Part 1



Note: Bolt orientation must be followed closely for the following steps. Ensure assembly is square when tightening the bolts.

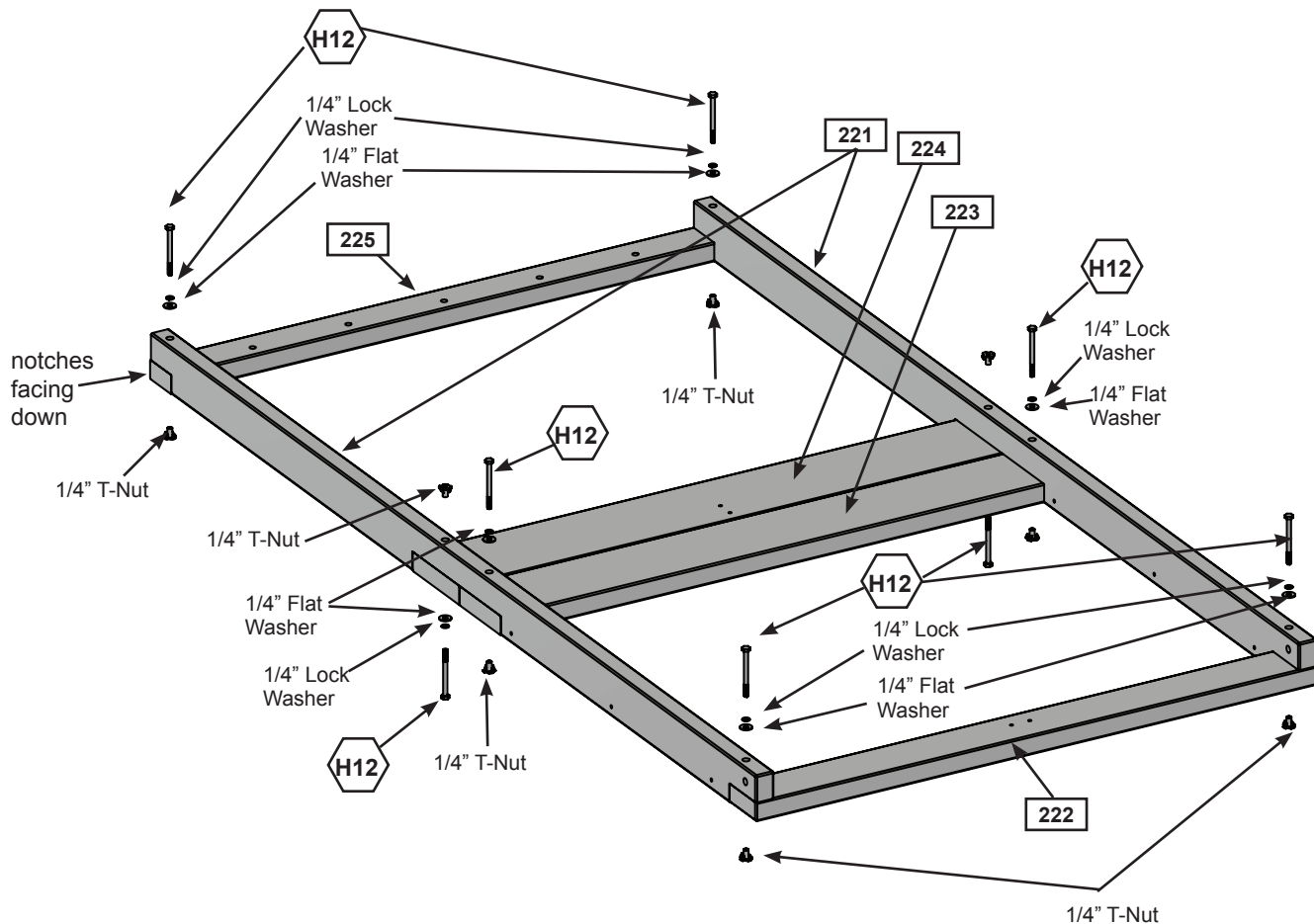
A: Place 2 (221) Crowsnest posts flat on the ground with the notches facing down, making sure that the 3 pre-drilled holes are at the bottom end on both sides.

B: Place 1 (222) Crowsnest Front under the bottom end of both (221) Crowsnest Posts so that it's flush with the sides and ends of the Posts. Attach (222) Crowsnest Front to Posts using 1 (H12) $\frac{1}{4}$ x 3" Hex Bolt (with lock washer, flat washer and t-nut) per side. It is important that bolts are installed as shown in fig.22.1.

C: In the center notch of the (221) Crowsnest Posts place 1 (223) Crowsnest Slide Top and 1 (224) Crowsnest Bottom End making sure that board orientation and hole orientation are correct. Attach boards using 2 (H12) $\frac{1}{4}$ x 3" Hex Bolts (with lock washer, flat washer and t-nut) per board taking care to install the bolts as directed.

D: Fit (225) Barrier Top End into the notches at the top end of the assembly so that it is flush with the sides and the ends of the (221) Crowsnest Posts. Attach (225) Barrier Top End using 2 (H12) $\frac{1}{4}$ x 3" Hex Bolts (with lock washer, flat washer and t-nut) per side as shown.

Fig. 22.1



Wood Parts

- 2 x 221 Crowsnest Post 1-1/4 x 3 x 71-1/2"
- 1 x 222 Crowsnest Front 1-1/4 x 3-1/8 x 38-1/4"
- 1 x 223 Crowsnest Slide Top 1-1/4 x 4-7/8 x 38-1/4"
- 1 x 224 Crowsnest Bottom End 1-1/4 x 5-1/2 x 38-1/4"
- 1 x 225 Barrier Top End 1-1/4 x 2-1/2 x 38-1/4"

Hardware

- 8 x H12 1/4 x 3" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 22: Slide Entrance Assembly Part 2

E: At the bottom left end of the assembly place 1 (226) Crowsnest Side Joist so that it is upright against the (221) Crowsnest Post. Place (227) Crowsnest Gusset Front tight to (226) Crowsnest Side Joist as shown in fig.22.2 and secure all 3 parts using 1 (G21) 5/16 x 3-3/4" Hex Bolt (with lock washer, flat washer and t-nut). (Fig 22.2 & 22.3)

F: At the bottom right end of the assembly place 1 (226) Crowsnest Side Joist so that it is upright against the (221) Crowsnest Post. Place (228) Crowsnest Gusset Back tight to (226) Crowsnest Side Joist as shown in (fig.22.2 & 22.4) and secure all 3 parts using 1 (G21) 5/16 x 3-3/4" Hex Bolt (with lock washer, flat washer and t-nut).

Fig. 22.2

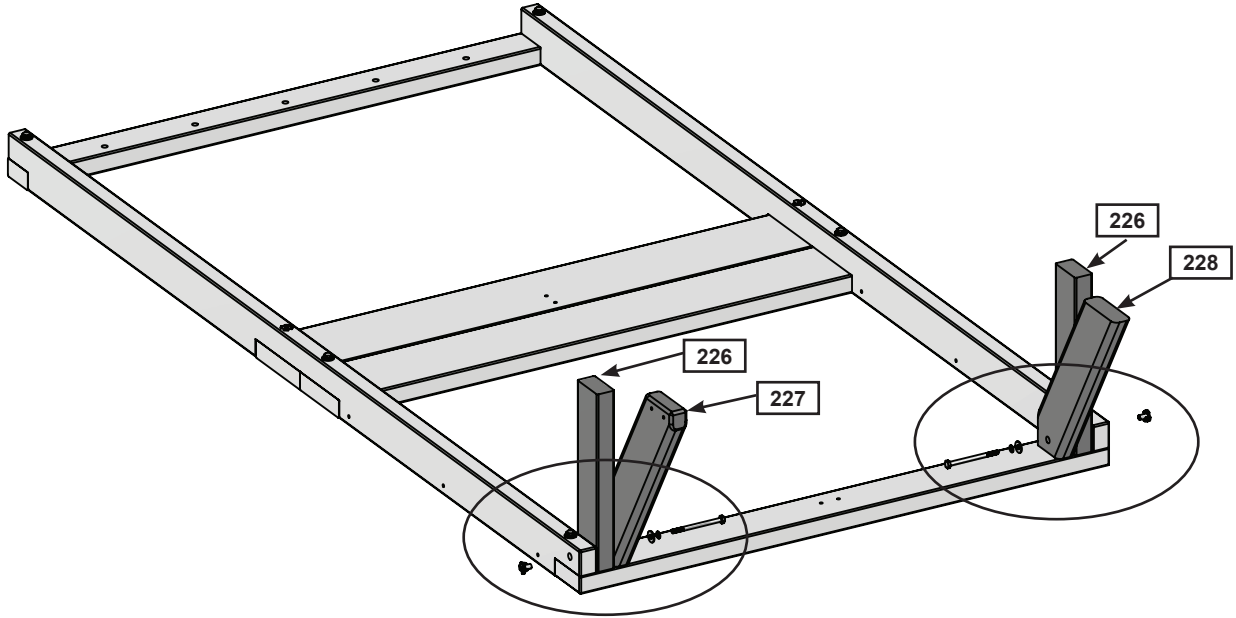


Fig. 22.3

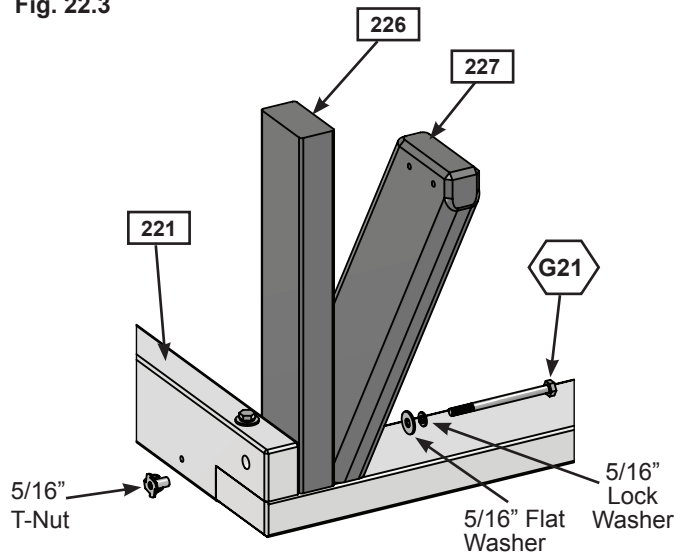
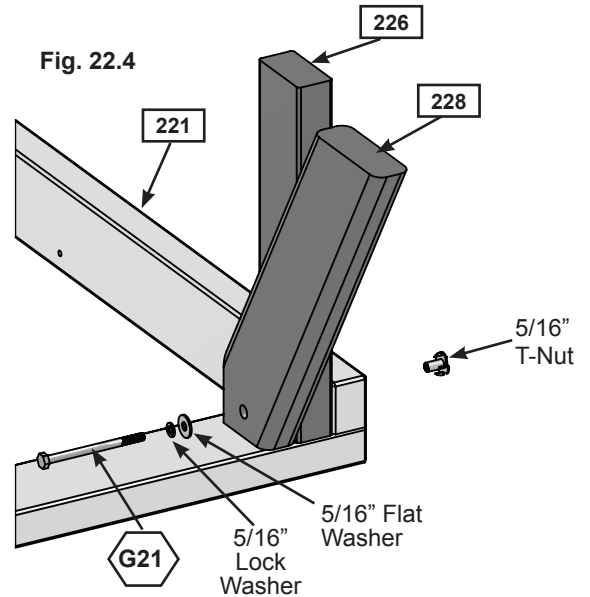


Fig. 22.4



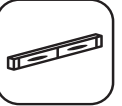
Wood Parts

- 2 x 226 Crowsnest Side Joist 1-1/4 x 2-1/2 x 12-1/4"
- 1 x 227 Crowsnest Gusset Front 1-1/4 x 3-1/2 x 16-1/2"
- 1 x 228 Crowsnest Gusset Back 1-1/4 x 3-1/2 x 15-25/64"

Hardware

- 2 x G21 5/16 x 3-3/4" Hex Bolt
(5/16" lock washer, 5/16" flat washer, 5/16" t-nut)

Step 23: Attach Crowsnest Sides



A: Remove previously installed (H12) Hex Bolt 1/4 x 3 (with flat washer, lock washer and t-nut) from Step 9, Nest Joist Assembly.

B: Place (231) Crowsnest Bottom Side Back on the outside left of the assembly so that it lines up with the bolt hole as shown in fig.23.1. Re-install bolt loosely.

C: Place 1 (232) Wall Board Support on the inside of (231) Crowsnest Bottom Side Back so that it's tight to the wall panel and flush with the bottom of (231) Crowsnest Bottom Side Back. Loosely install 2 (H10) 1/4 x 2-1/4" Hex Bolts (with lock washer, flat washer and t-nut). (Fig. 23.1 & 23.2)

D: Check to make sure the (231) Crowsnest Bottom Side Back is level and install 1 (S2) #8 x 1-1/2" Wood Screw in the inside bottom hole as shown in Fig. 23.1 & 23.3. Tighten all bolts.

E: Repeat to install (233) Crowsnest Bottom Side Front on the right side of the assembly. (Fig. 23.1 & 23.3)

Fig. 23.1

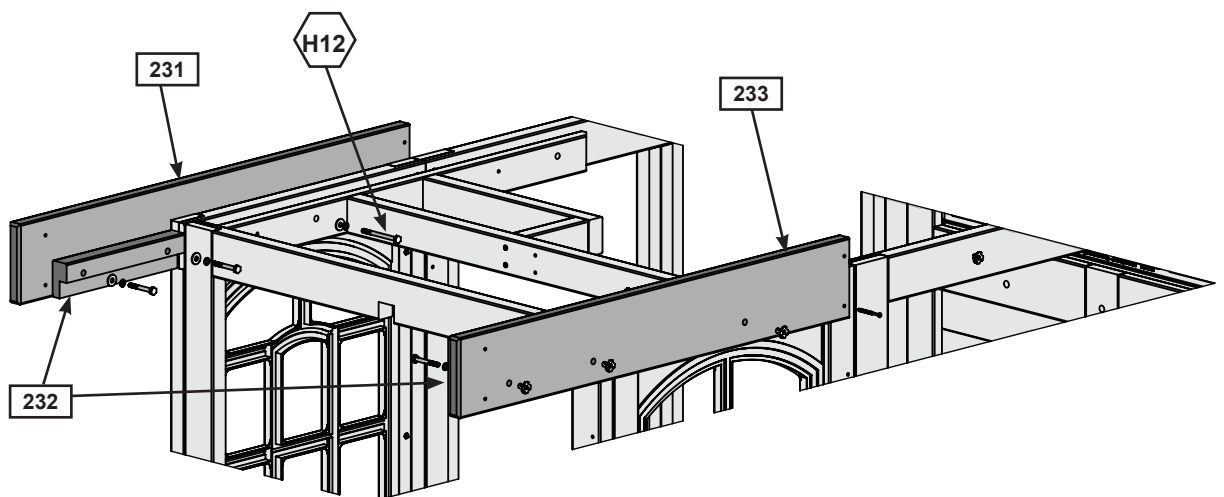


Fig. 23.2

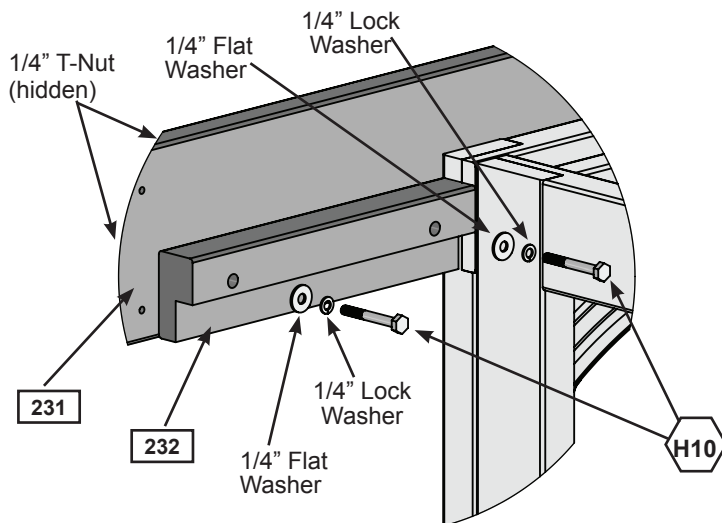
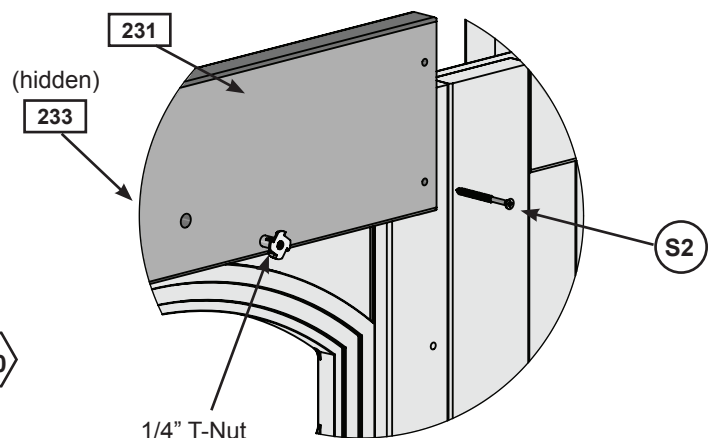


Fig. 23.3



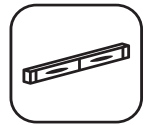
Wood Parts

- 1 x **231** Crowsnest Bottom Side Back 15/16 x 5-1/4 x 35"
- 2 x **232** Wall Board Support 1-1/4 x 2-3/8 x 10-1/2"
- 1 x **233** Crowsnest Bottom Side Front 15/16 x 5-1/4 x 35"

Hardware

- 4 x **H10** 1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x **S2** #8 x 1-1/2" Wood Screw

Step 24: Install Slide Entrance Assembly Part 1



A: With a helper, lift the slide entrance assembly into place so that the (226) Crowsnest Side Joists are flush with the top of the center board in the (060) End Panel. (fig.24.1 & 24.2).

B: Attach assembly to the fort using 2 (S2) #8 x 1-1/2" Wood Screws in the (231) Crowsnest Bottom Side Back and 2 (S2) #8 x 1-1/2" Wood Screws in the (233) Crowsnest Bottom Side Front. (fig.24.1 & 24.2).

C: Double check to make sure that (226) Crowsnest Side Joists are level with the panel and install 4 (S3) #8 x 2-1/2" Wood Screws from the inside of the fort as shown in (fig.24.1 & 24.2).

D: From outside the fort install 2 (S3) #8 x 2-1/2" Wood Screws into the side of (227) Crowsnest Gusset Front and from inside the fort install 2 (S3) #8 x 2-1/2" Wood Screws in the pre-drilled holes to secure (228) Crowsnest Gusset Back. (fig.24.1 & 24.2).

Fig. 24.1

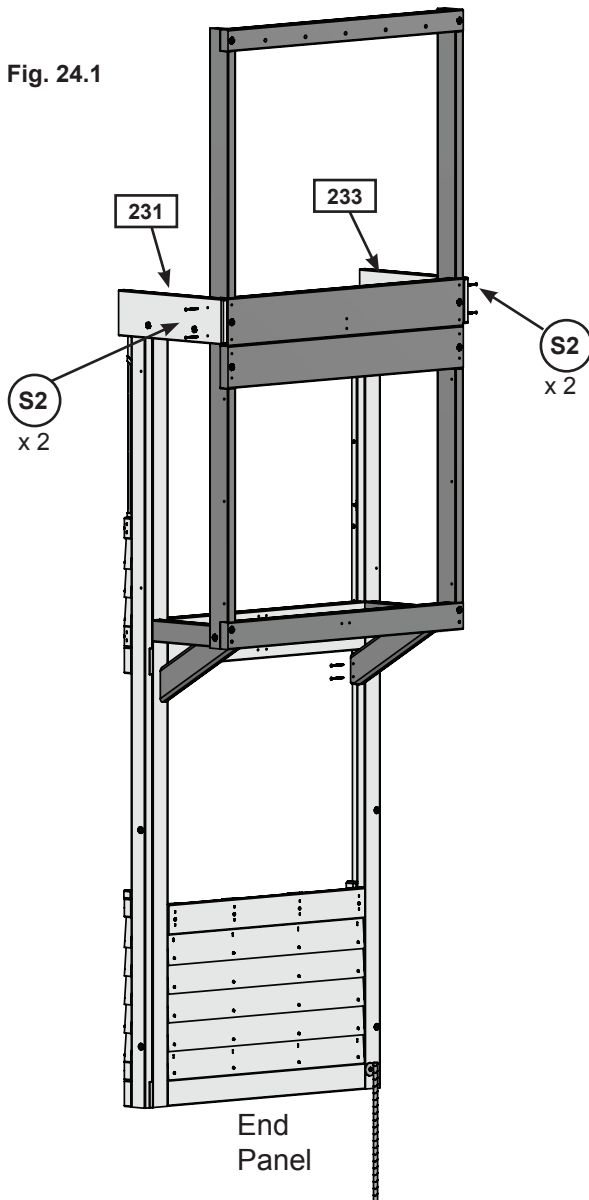
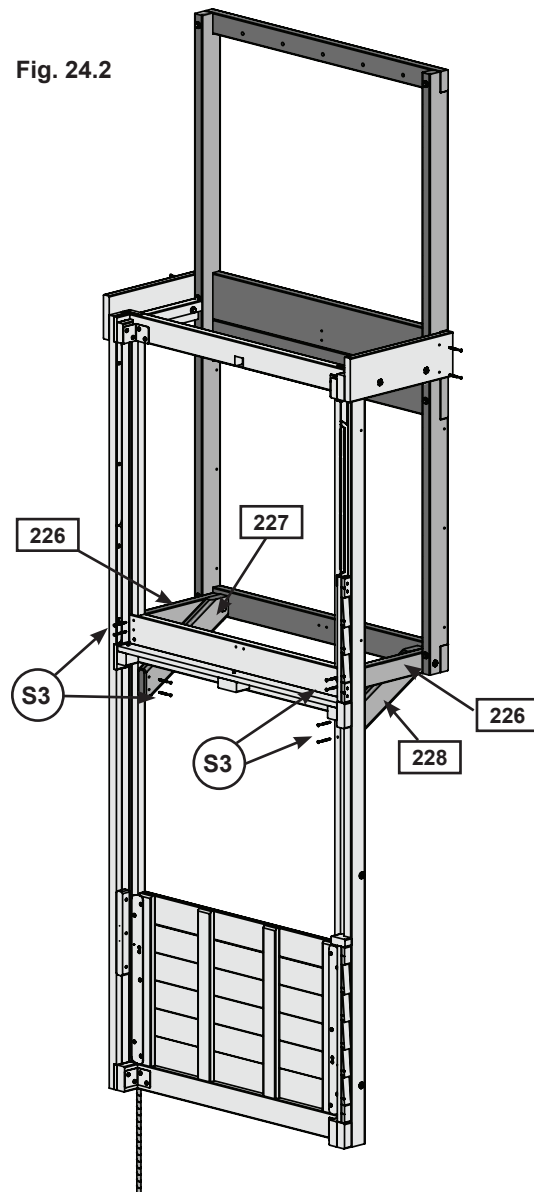


Fig. 24.2



Hardware

4 x (S2) #8 x 1-1/2" Wood Screw

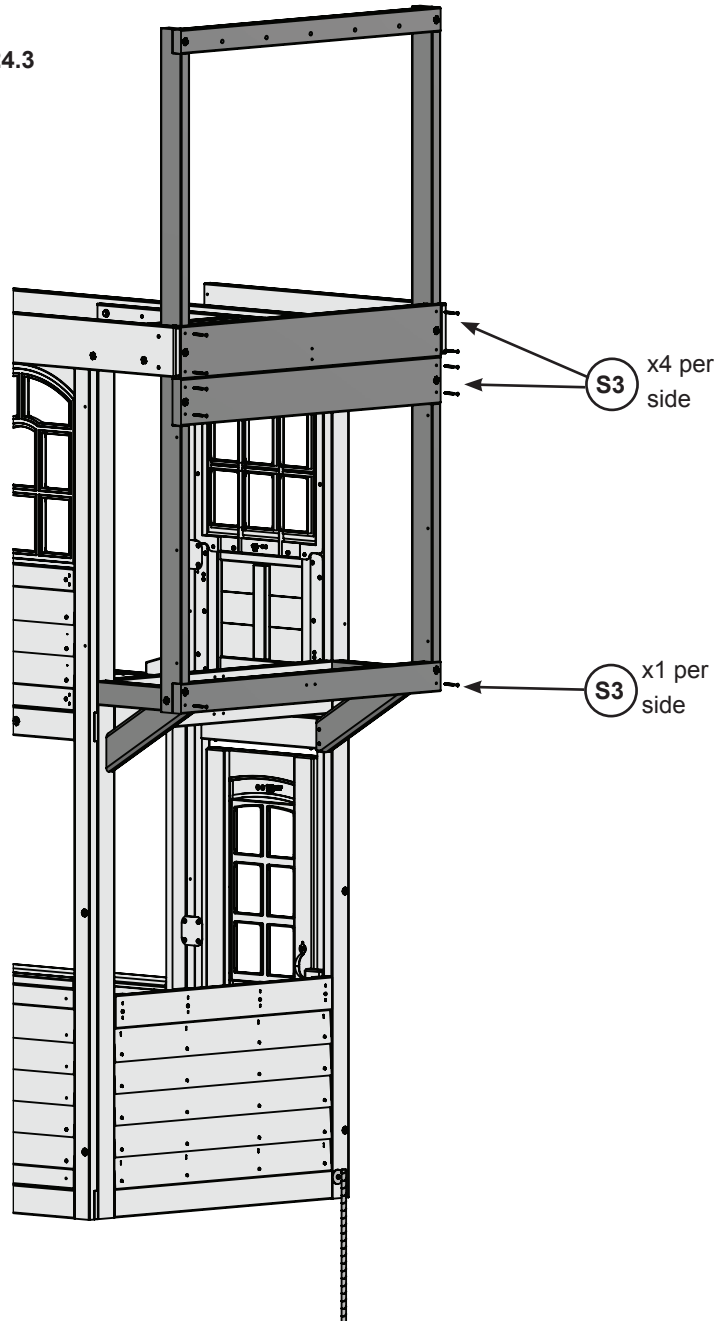
8 x (S3) #8 x 2-1/2" Wood Screw

Step 24: Install Slide Entrance Assembly Part 2



E: Make sure that slide entrance assembly is square and from outside the assembly install 10 (S3) #8 x 2-1/2" Wood Screws as shown in fig. 24.3.

Fig. 24.3



Hardware

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

Step 25: Install Nest Joists

A: In the lower section of the crowsnest place (251) Short Joist so that it's centered between and flush to the top of (222) Crowsnest Front and (060) End Panel. Attach (251) Short Joist using 4 (S3) #8 x 2-1/2" Wood Screws. (Fig. 25.1 & 25.2)

B: At the upper level of the crowsnest, from underneath, place (252) Nest Joist Center so that it fits snugly into the notch in the (060) End Panel. Attach (252) Nest Joist Center using 4 (S3) #8 x 2-1/2" Wood Screws. (Fig. 25.1 & 25.2)

C: From underneath the (252) Nest Joist Center and (060) End Panel install 1 (S11) #8 x 2" Wood Screw so that it's centered under the notches. (Fig. 25.3)

Fig. 25.1
Right View

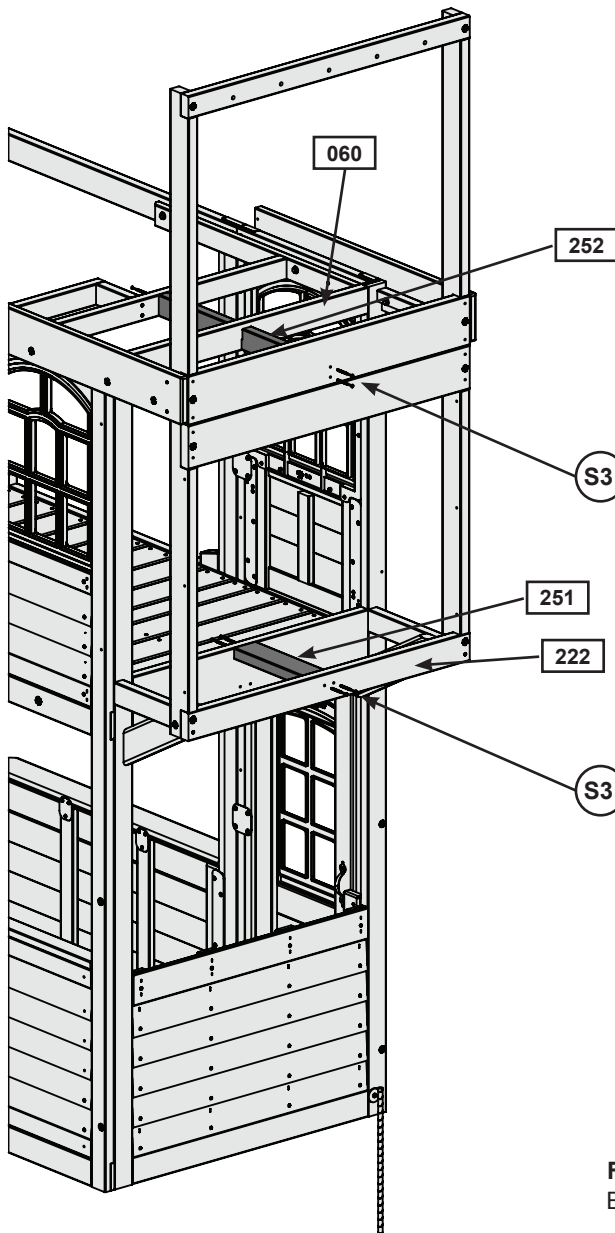


Fig. 25.2
Left View

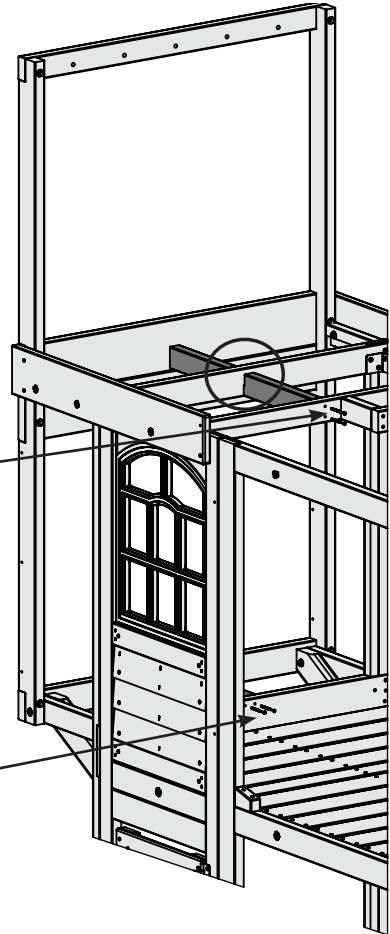
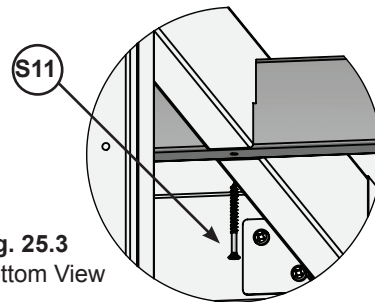


Fig. 25.3
Bottom View



Wood Parts

- 1 x 251 Short Joist 1-1/4 x 3 x 12-1/4"
- 1 x 252 Nest Joist Center 1-1/4 x 2-3/8 x 25-3/4"

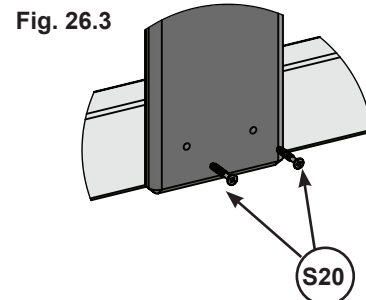
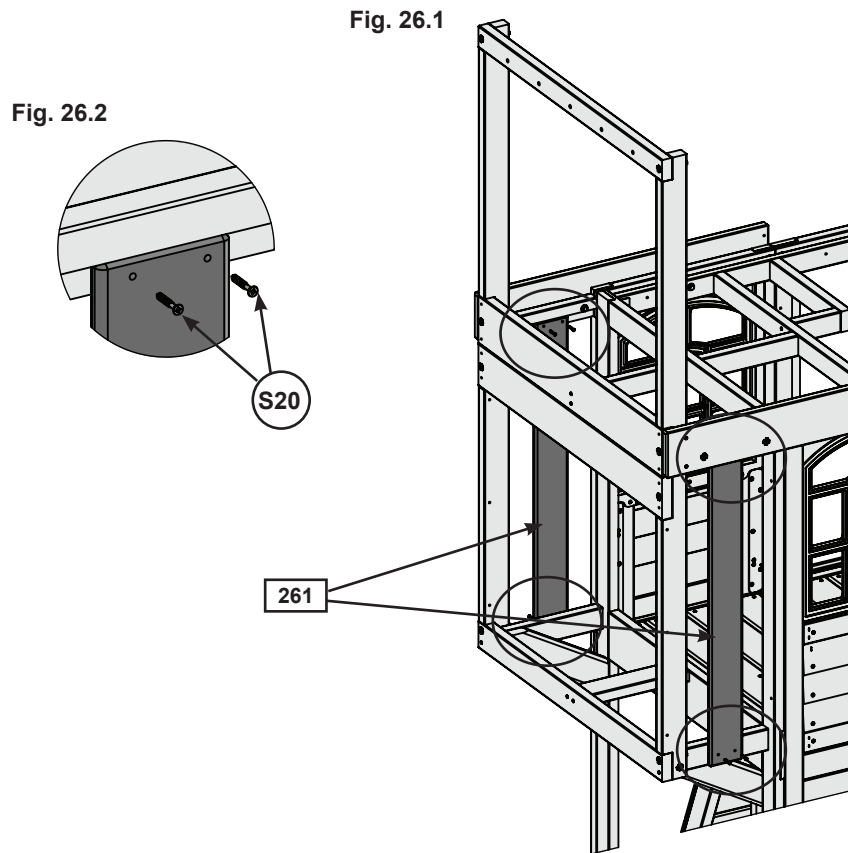
Hardware

- 8 x S3 #8 x 2-1/2" Wood Screw
- 1 x S11 #8 x 2" Wood Screw

Step 26: Attach Crowsnest Walls Part 1




A: Place 1 (261) Wall Board on each side of the crowsnest so that they are centered in the opening. Attach the top of the (261) Wall Board from the inside using 2 (S20) #8 x 1-3/8" Wood Screws per side and attach the bottom of the Wall Board from the outside using 2 (S20) #8 x 1-3/8" Wood Screws per side. (Fig. 26.1 & 26.2 & 26.3)



Wood Parts

2 x  Wall Board 5/8 x 4 x 36-3/8"

Hardware

8 x  #8 x 1-3/8" Wood Screw

Step 26: Attach Crowsnest Walls Part 2

B: In the lower front of the crowsnest place 1 (262) Crowsnest Front Spacer on each side of the assembly so that they are flush with the (222) Crowsnest Front and the (221) Crowsnest Posts. Attach each Crowsnest Front Spacer through the pre-drilled holes on the (221) Crowsnest Posts using 3 (S4) #8 x 3" Wood Screws per side. (Fig. 26.1 & 26.2).

Fig. 26.1

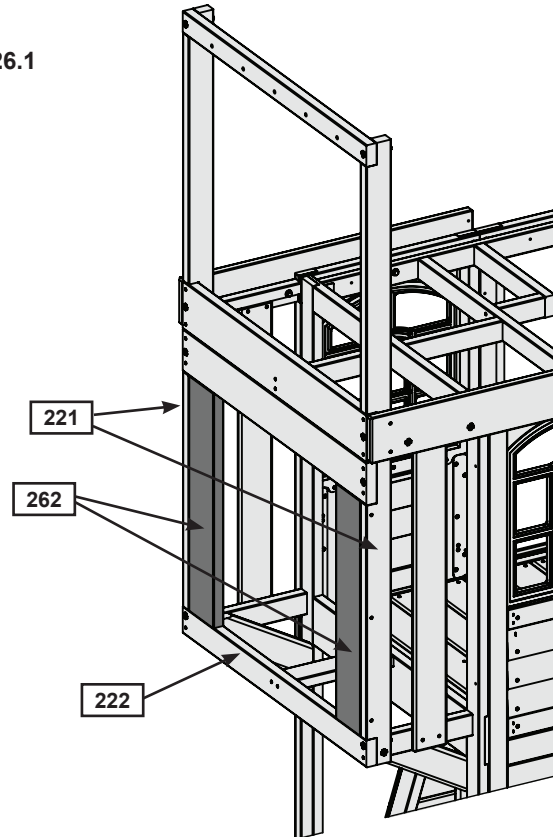
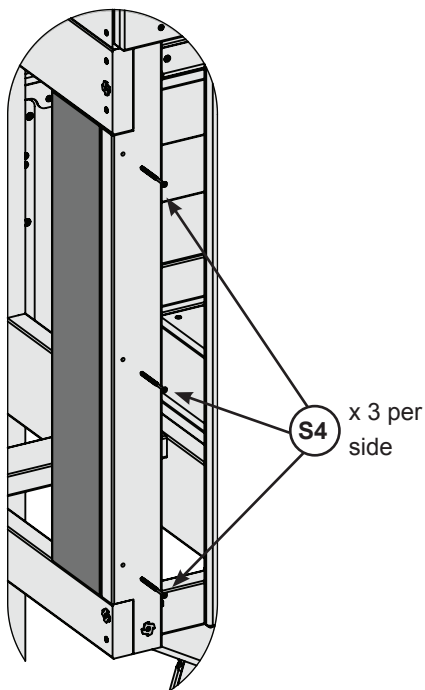


Fig. 26.2



Wood Parts

2 x 262 Crowsnest Front Spacer 1-1/4 x 5-1/32 x 26-15/16"

Hardware

6 x S4 #8 x 3" Wood Screw

Step 27: Install Lower Crowsnest Floor

A: Install (271) Crowsnest Front Gap using 6 (S20) #8 x 1-3/8" Wood Screws, making sure that the board is tight to the panel frame. (Fig. 27.1 & 27.2)

B: Evenly space 2 (111) Floor boards in the remaining opening and attach each board using 6 (S20) #8 x 1-3/8" Wood Screws. (Fig. 27.1 & 27.2)

Fig. 27.1

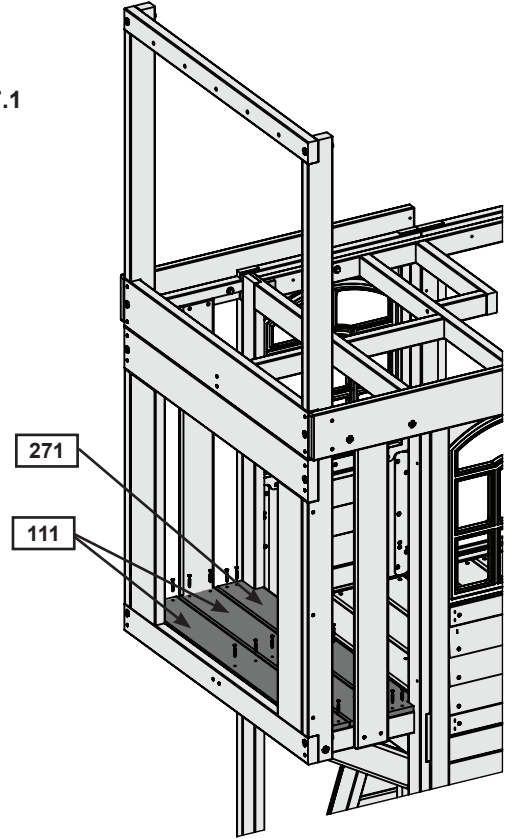
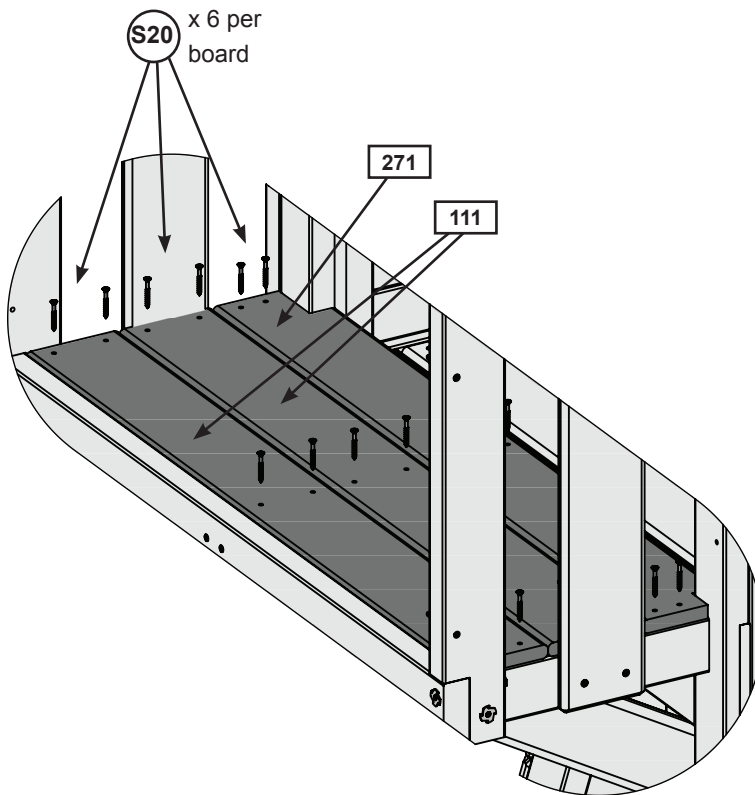



Fig. 27.2



Wood Parts

- 1 x  Crowsnest Front Gap 5/8 x 4-1/2 x 35-5/8"
- 2 x  Floor board 5/8 x 4-1/2 x 35-5/8"

Hardware

- 18 x  #8 x 1-3/8" Wood Screw

Step 28: Attach Nest Ladder



- A:** Place Nest Ladder (built in Step 4) in the second level of the Clubhouse so that the top of the ladder is leaning flat against the (051) Nest Joist Mid and flush with the (055) Ladder Side Joist. (Fig. 28.1)
- B:** Place 1 (111) Floorboard so that it's flush to (051) Nest Joist Mid. This board is used as a guide only, do not attach.
- C:** Check to ensure that the Nest Ladder is flush with the top of the (111) Floor Board. Pre-drill using a 1/8" drill bit and attach Nest Ladder using 1 (WL5) 1/4 x 2-1/2" Wafer Lag (with flat washer) per side. (Fig. 28.1 & 28.2)

Fig. 28.1

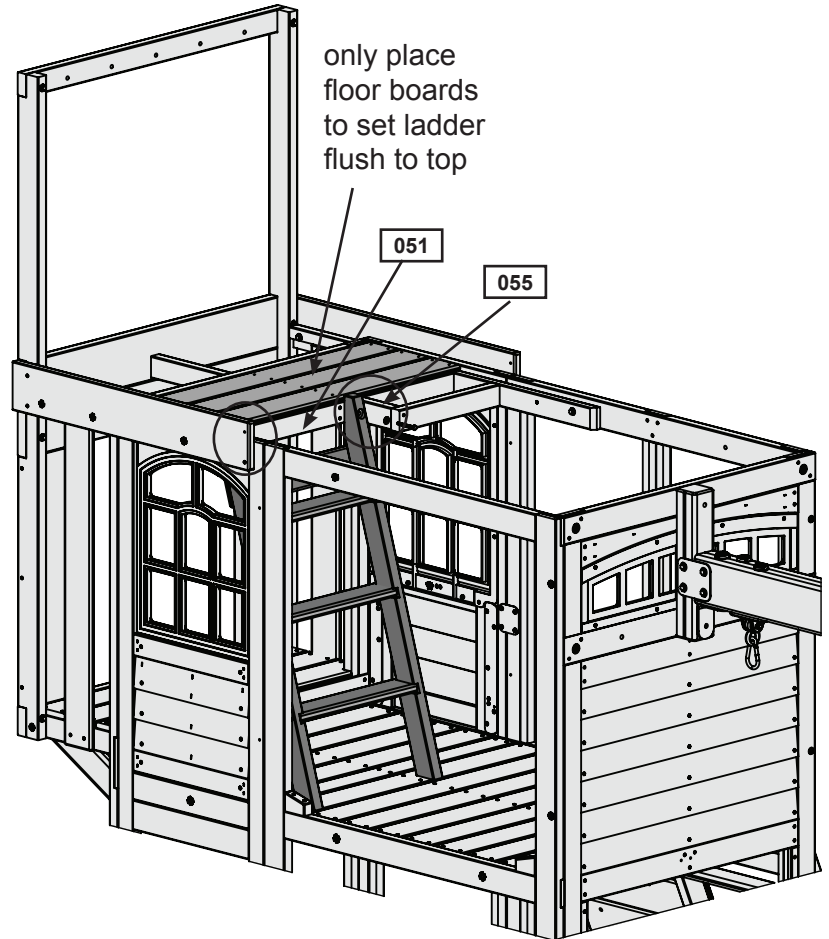
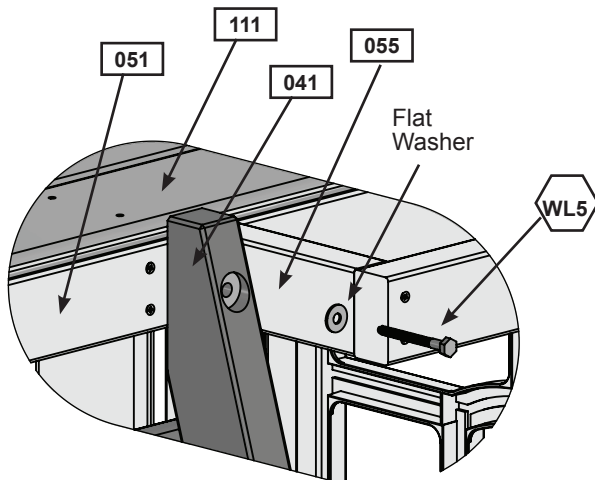



Fig. 28.2

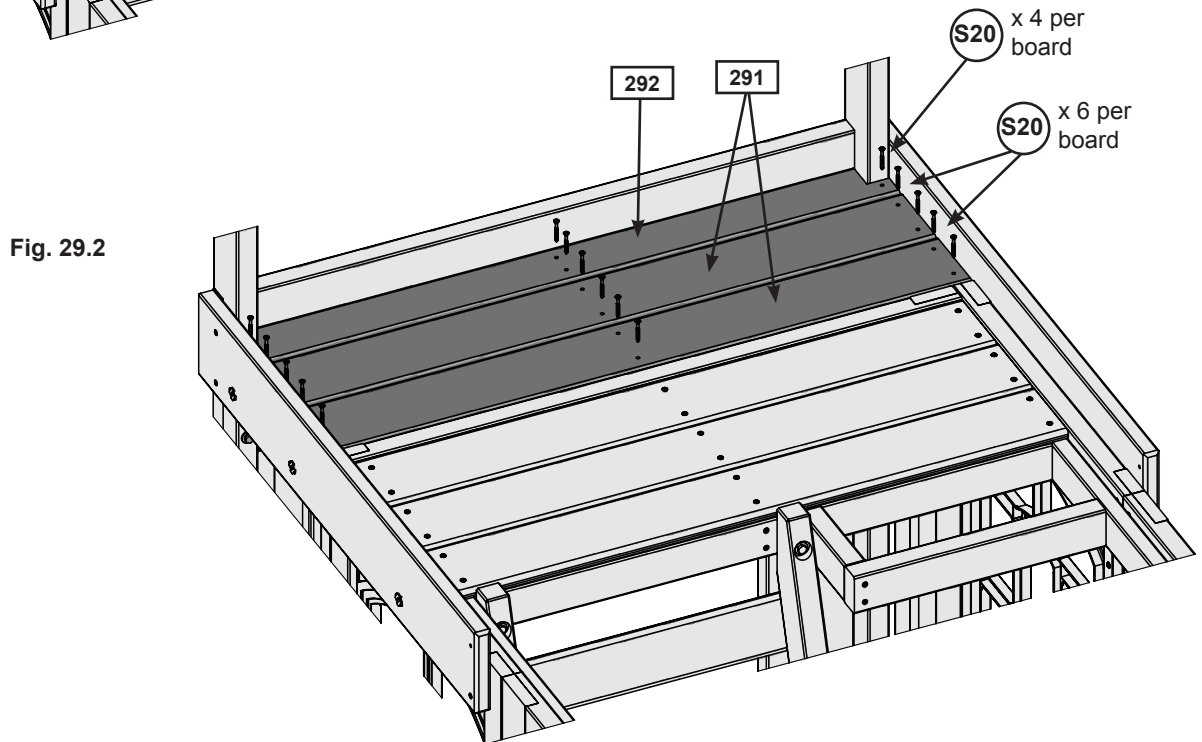
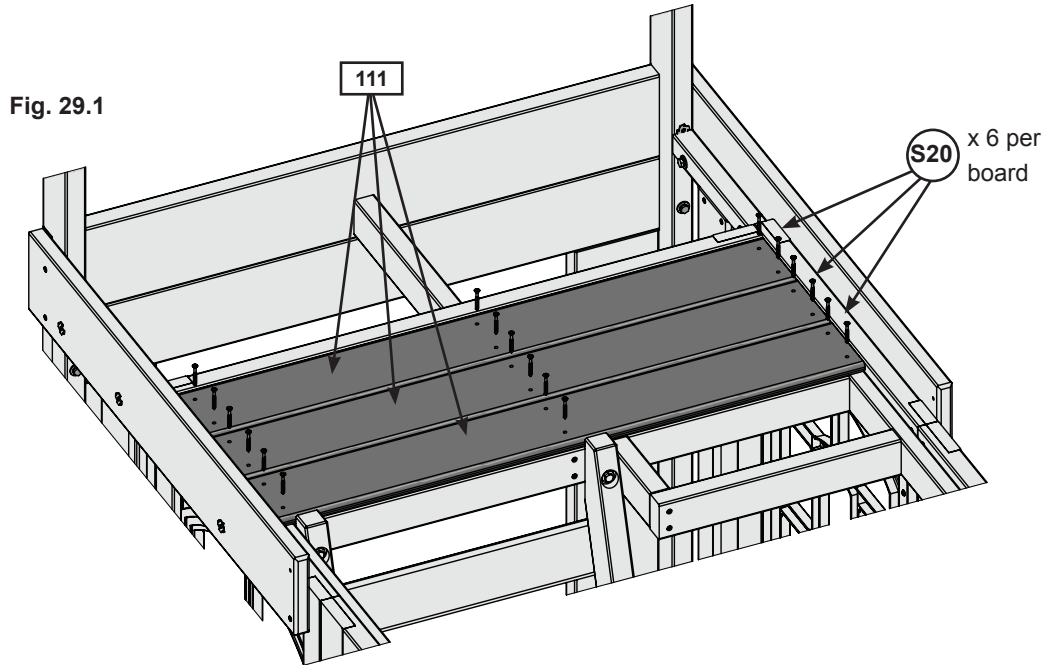


Hardware

2 x  Wafer Lag 1/4 x 2-1/2" (with flat washer)

Step 29: Install Upper Floorboards Part 1

- A:** Place 3 (111) Floor Boards so that they are tight together and front board is flush with the Nest Ladder. Attach each board using 6 (S20) #8 x 1-3/8" Wood Screws. (fig. 29.1)
- B:** Place (292) Crowsnest Floor Long Gap so that it's tight to the Crowsnest Posts. Attach using 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 29.2)
- C:** Evenly space 2 (291) Crowsnest Floor Longs as shown in (fig. 29.2) and attach using 6 (S20) #8 x 1-3/8" Wood Screws per board.



Wood Parts

- 3 x Floor Board 5/8 x 4-1/2 x 35-5/8"
- 1 x Crowsnest Floor Long Gap 5/8 x 3-1/4 x 38-1/4"
- 2 x Crowsnest Floor Long 5/8 x 4-1/2 x 38-1/4"

Hardware

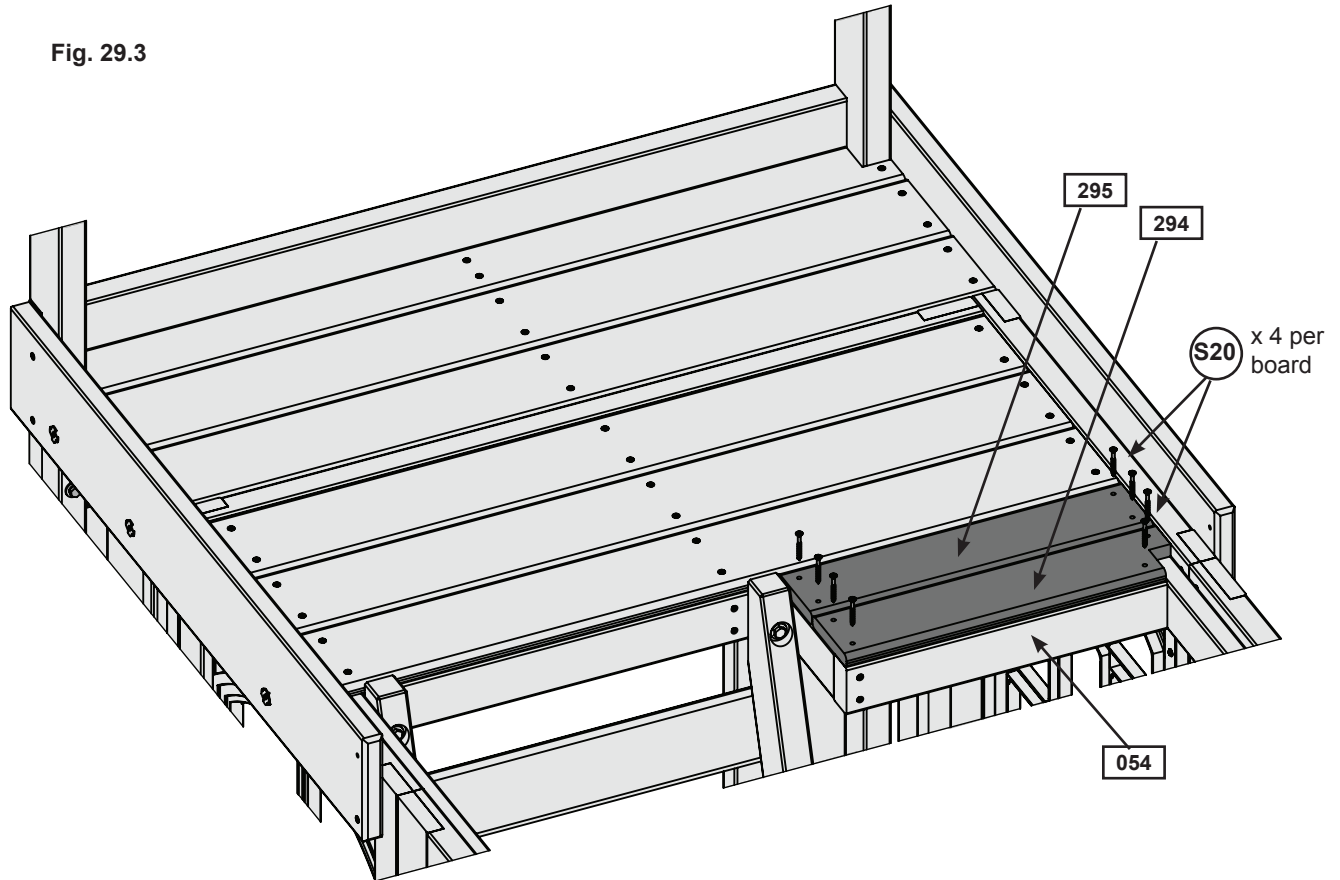
- 34 x #8 x 1-3/8" Wood Screw

Step 29: Install Upper Floorboards Part 2

D: Install (294) Short Floor Gap using 4 (S20) #8 x 1-3/8" Wood Screws, making sure that it's flush to the edge of (054) Nest Joist Back. (Fig.29.3)

E: In the remaining opening, center and install (295) Short Floor using 4 (S20) #8 x 1-3/8" Wood Screws. (Fig.29.3).

Fig. 29.3



Wood Parts

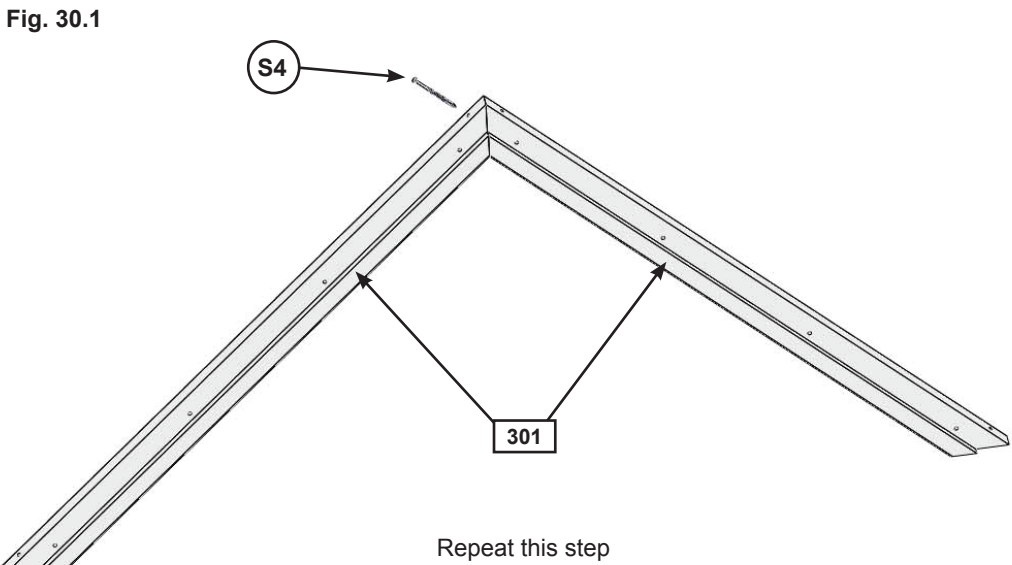
- 1 x 294 Short Floor Gap 5/8 x 3-3/8 x 15-11/16"
- 1 x 295 Short Floor 5/8 x 3-3/8 x 15-11/16"

Hardware

- 8 x S20 #8 x 1-3/8" Wood Screw

Step 30: Roof Support Assemblies

A: Attach 1 (301) Roof Support to a second (301) Roof Support at peak using 1 (S4) #8 x 3" Wood Screw. Repeat this twice so there are 2 Roof Support Assemblies. (fig. 30.1)



Wood Parts

4 x 301 Roof Support 1-1/4 x 2-1/4 x 33"

Hardware

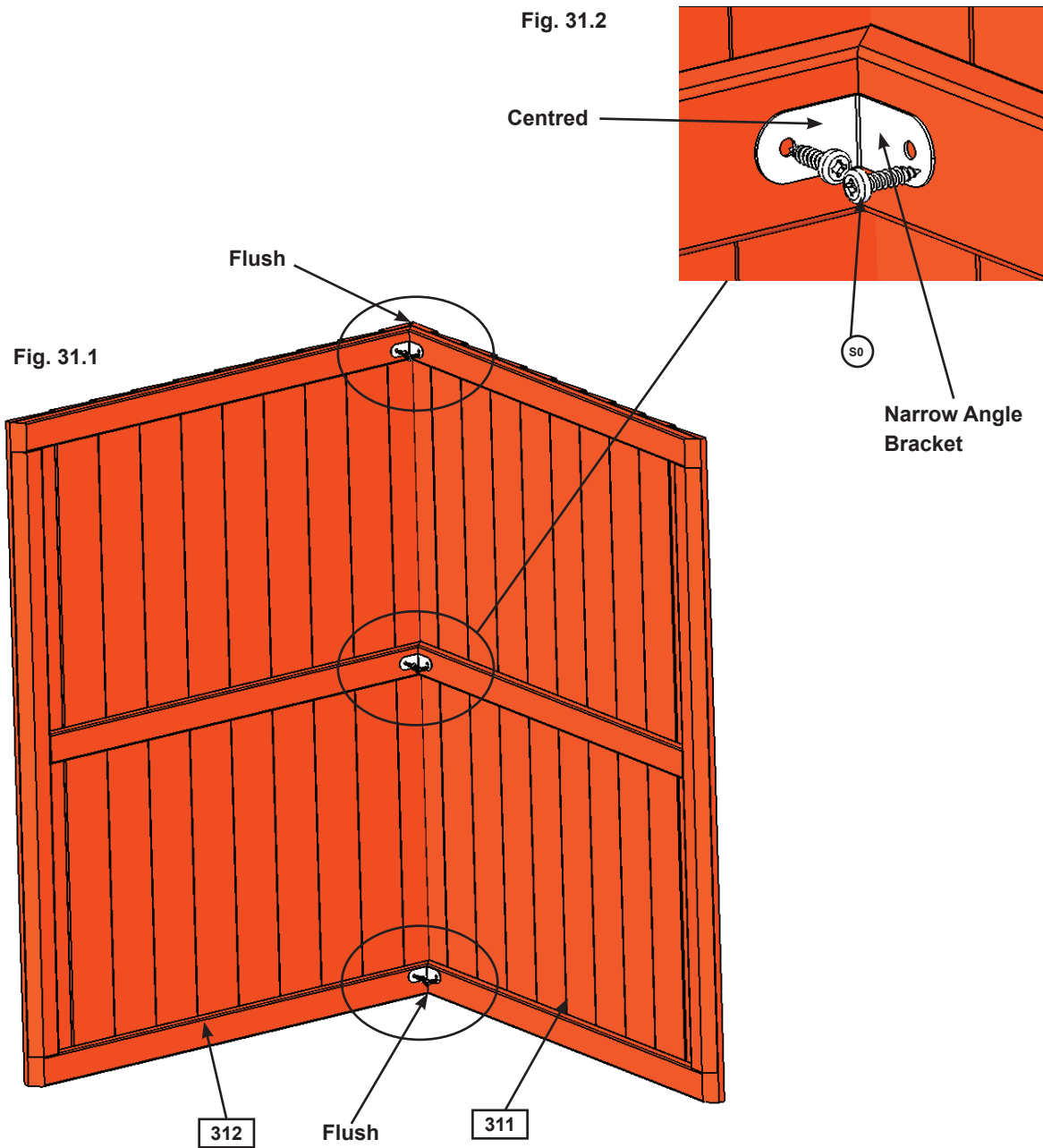
2 x S4 #8 x 3" Wood Screw

Step 31: Large Roof Assembly

Part 1



- A:** Place (311) Front Roof Panel against (312) Back Roof Panel so the tops form a peak. Tight to the inside edge of the outside slats attach 1 Narrow Angle Bracket per slat with 2 (S0) #8 x 7/8" Truss Screws per bracket. (fig. 31.1)
- B:** Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) #8 x 7/8" Truss Screws. (fig. 31.2)



Wood Parts

- 1 x 311 Front Roof Panel 1-1/4 x 32-1/2 x 45"
- 1 x 312 Back Roof Panel 1-1/4 x 32-1/4 x 45"

Hardware

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

Other Parts

- 3 x Narrow Angle Bracket

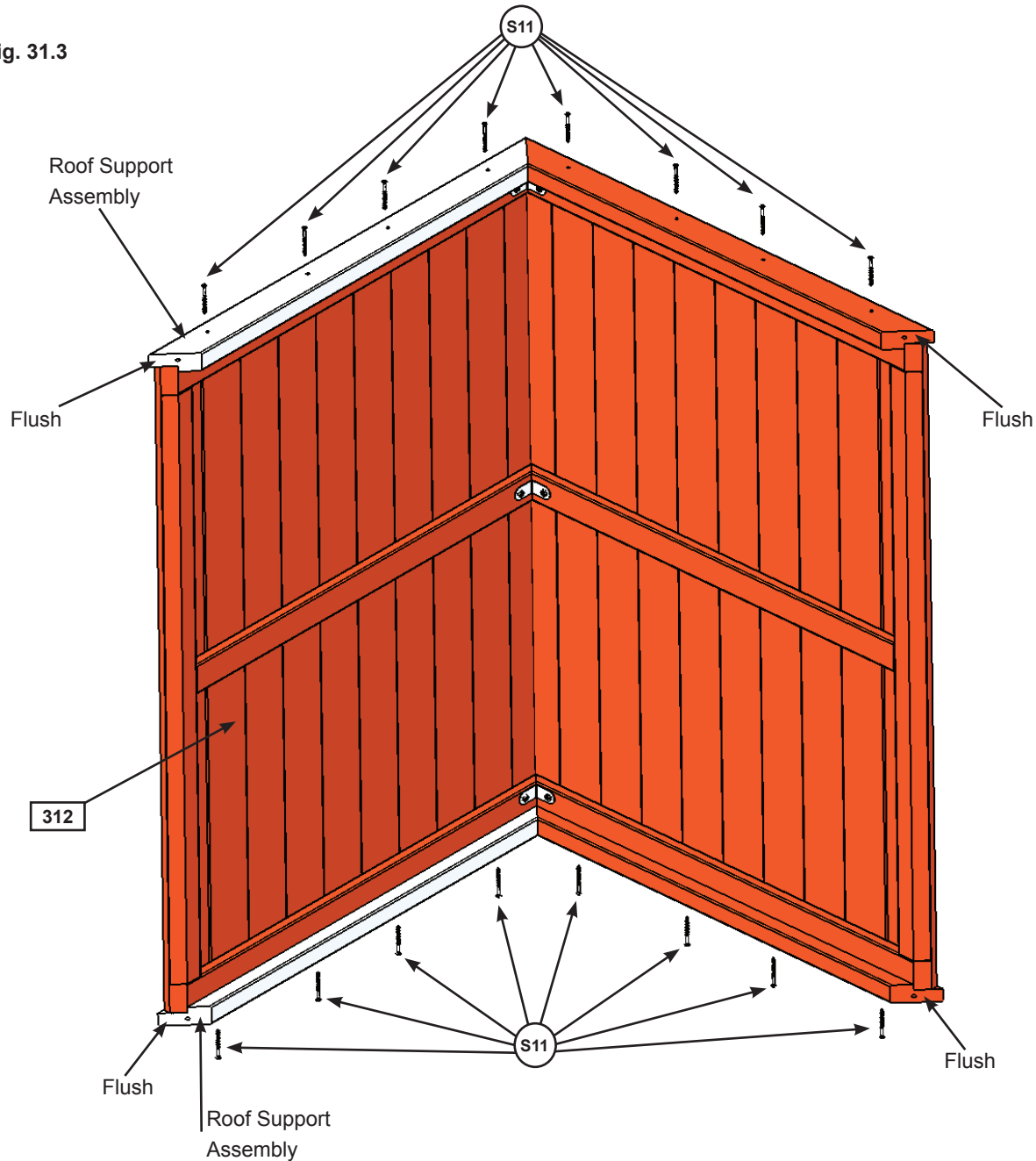
Step 31: Large Roof Assembly Part 2




C: Place 1 Roof Support Assembly against one side of the roof assembly so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 8 (S11) #8 x 2" Wood Screws. (fig. 31.3)

D: Attach the second Roof Support Assembly on the opposite side, making sure that the peaks meet and the ends are flush. Attach using 8 (S11) #8 x 2" Wood Screws. (fig. 31.3)

Fig. 31.3



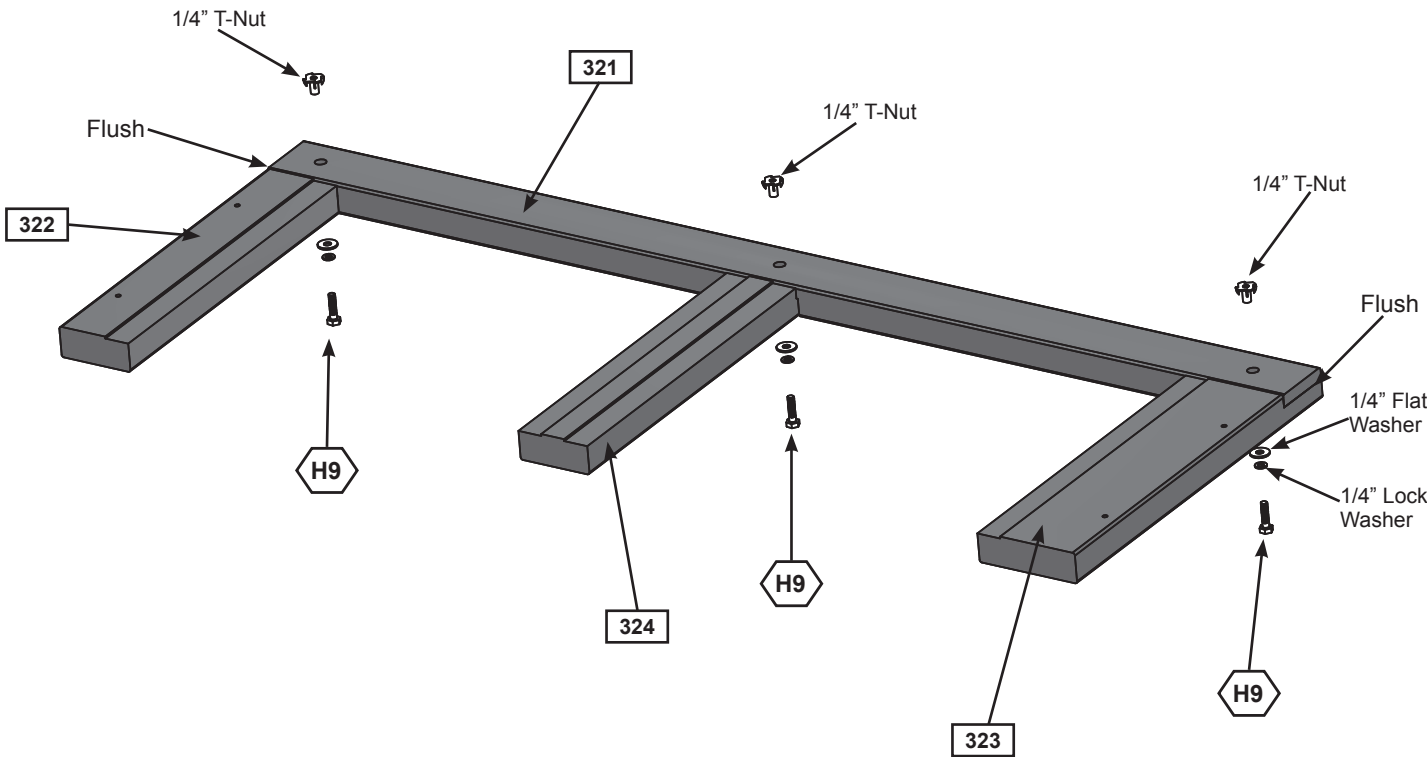
Hardware

16 x  #8 x 2" Wood Screw

Step 32: Transom Assembly Part 1

A: With the notches facing down tap 3 1/4" T-nuts into (321) TB Support then fit (323) Left Upright, (322) Right Upright and (324) Centre Upright into the notches so the ends and tops are flush, taking care to note board orientation. Attach with 3 (H9) 1/4 x 1-1/4" Hex Bolts (with lock washer and flat washer). (fig. 32.1)

Fig. 32.1



Wood Parts

- 2 x 321 TB Support 1-1/4 x 2-1/2 x 44-1/4"
- 2 x 322 Right Upright 1-1/4 x 3 x 16-1/2"
- 2 x 323 Left Upright 1-1/4 x 4-1/8 x 16-1/2"
- 2 x 324 Centre Upright 1-1/4 x 3 x 16-1/2"

Hardware

- 6 x H9 1/4 x 1-1/4" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 32: Transom Assembly

Part 2

B: Place 2 MOD 5 Pane Windows in the openings and attach to (322) Right Upright, (323) Left Upright and (324) Centre Upright with 4 (S0) #8 x 7/8" Truss Screws per window. (fig. 32.2)

C: Attach (325) Wall Tie flush to the top of (321) TB Support and to (324) Centre Upright with 4 (S11) #8 x 2" Wood Screws. (fig. 32.3)

D: Repeat Steps A-C for a second Transom Assembly.

Fig. 32.2

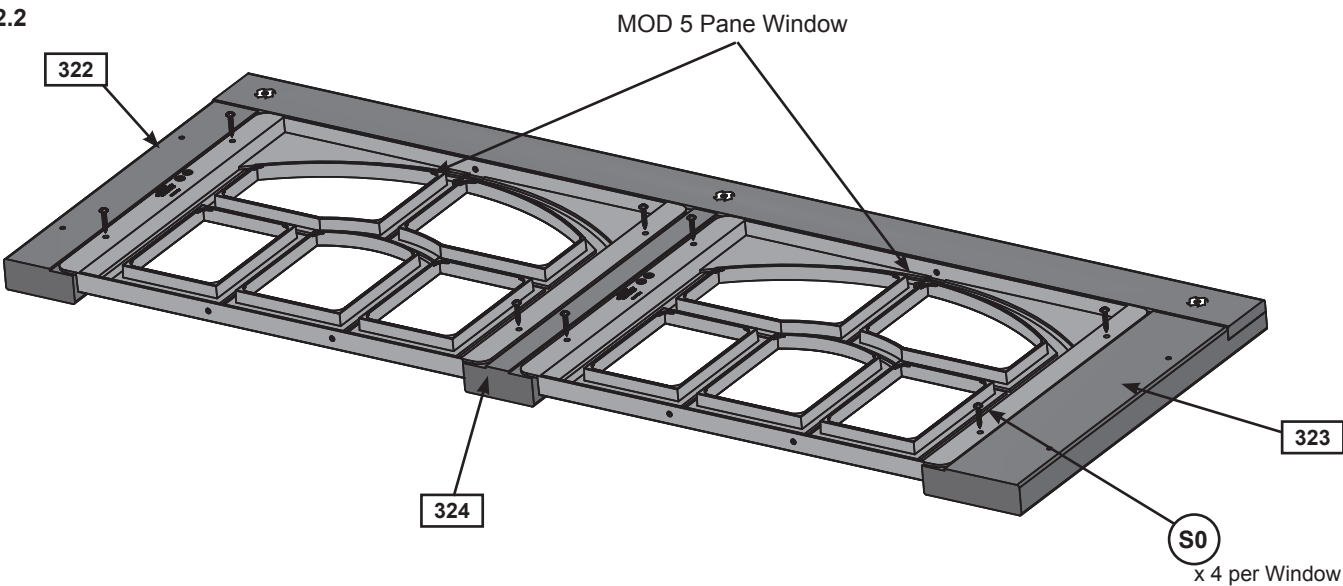
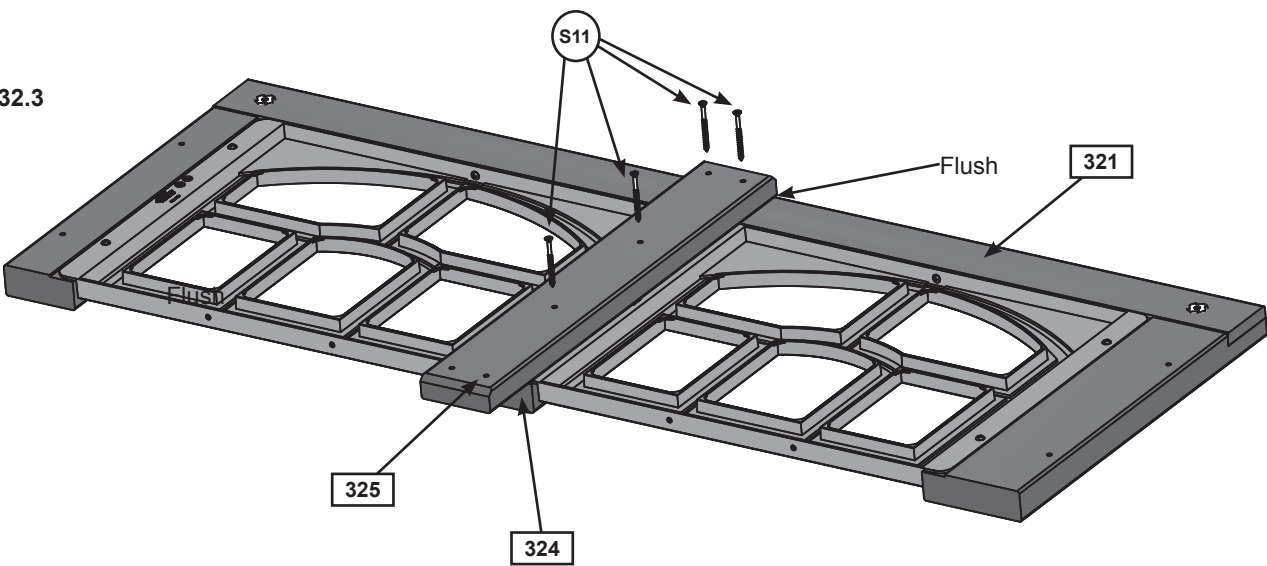


Fig. 32.3



Wood Parts

2 x (325) Wall Tie 15/16 x 3 x 19-1/4"

Hardware

16 x (S0) #8 x 7/8" Truss Screw
8 x (S11) #8 x 2" Wood Screw

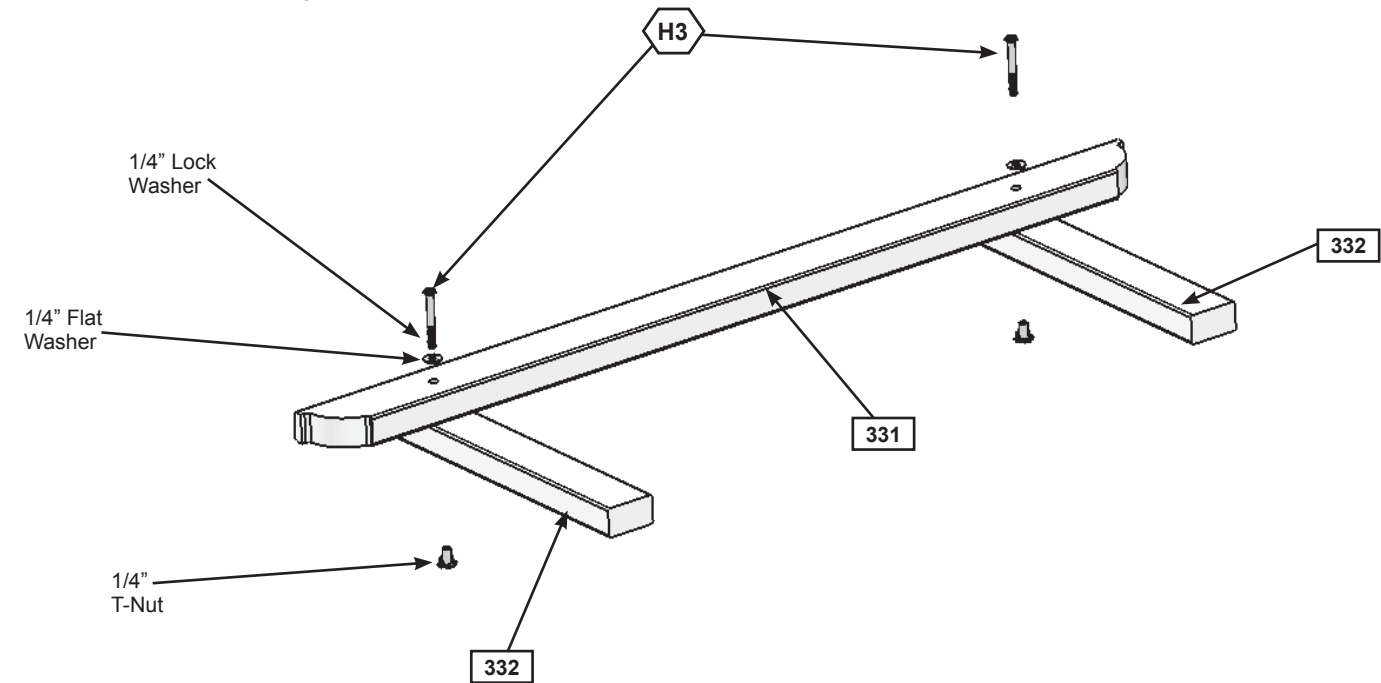
Other Parts

4 x MOD 5 Pane Window

Step 33: Swing Top Assembly

A: Attach (331) Swing Top to 2 (332) Swing Side Uprights with 2 (H3) 1/4 x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 33.1)

Fig. 33.1



Wood Parts

- 1 x 331 Swing Top 1-1/4 x 3 x 46-3/4"
- 2 x 332 Swing Side Upright 1-1/4 x 2-1/2 x 16-1/2"

Hardware

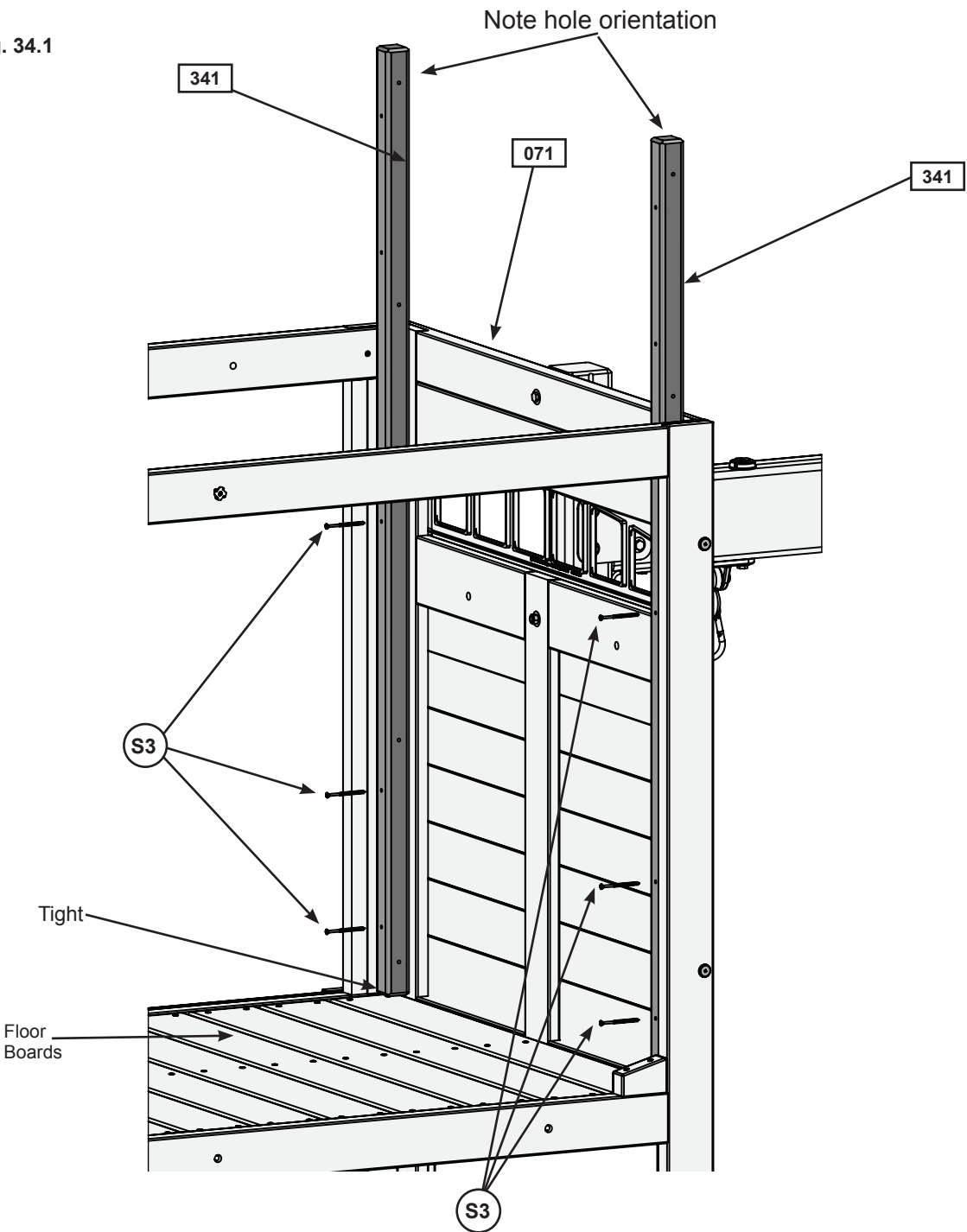
- 2 x H3 1/4 x 2-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 34: Attach Wall Supports

Note hole orientation for this step.

A: Tight to the floor boards and tight in each corner of the (071) SW Wall Panel attach 2 (341) Wall Supports to (071) SW Wall Panel with 3 (S3) #8 x 2-1/2" Wood Screws per support. (fig. 34.1)

Fig. 34.1



Wood Parts

2 x 341 Wall Support 1-1/2 x 1-1/2 x 55-1/2"

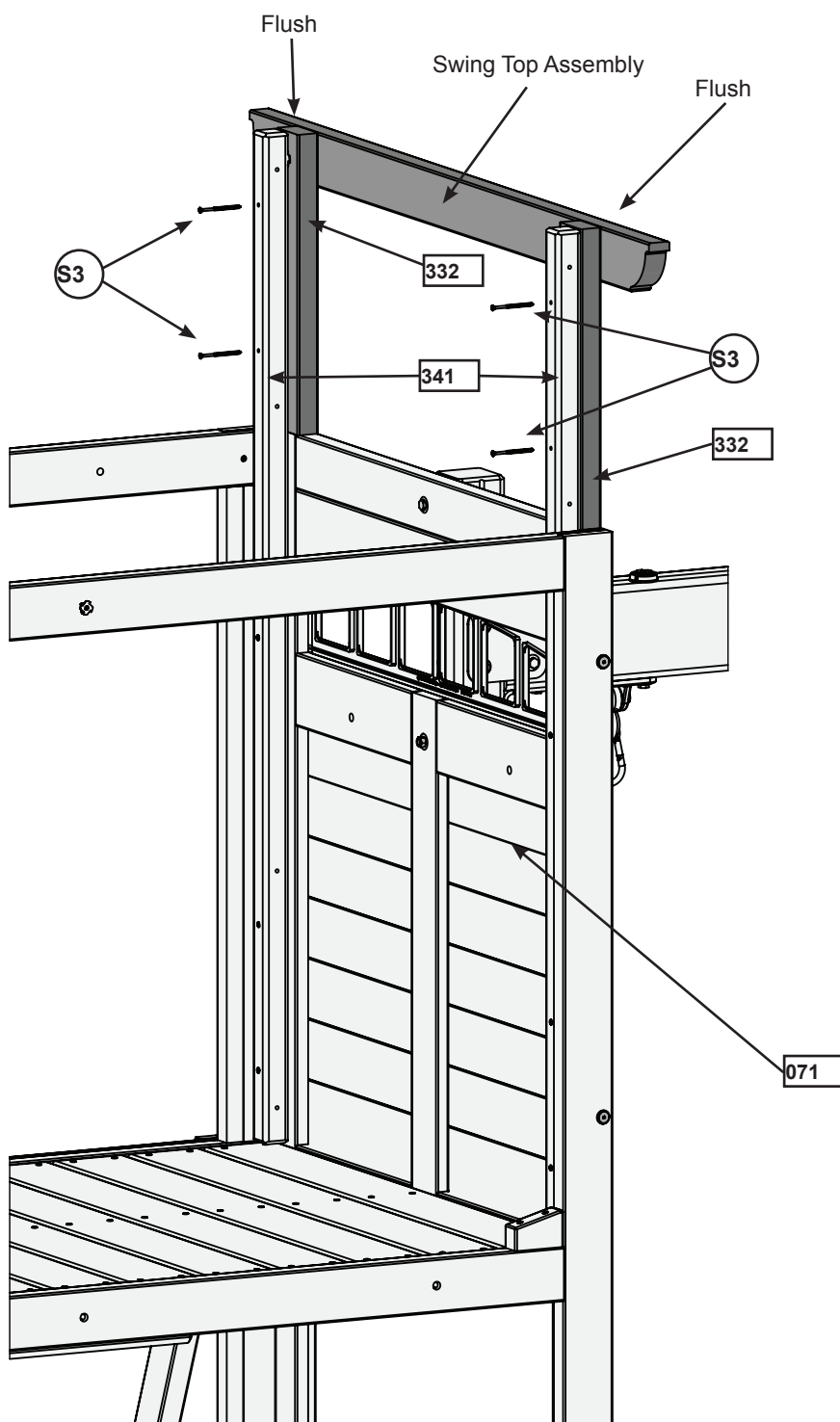
Hardware

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

Step 35: Attach Swing Top Assembly

A: Tight to the top of (071) SW Wall Panel and flush to the outside of each (341) Wall Support place Swing Top Assembly then attach (341) Wall Supports to (332) Swing Side Uprights with 2 (S3) #8 x 2-1/2" Wood Screws per support. (fig. 35.1)

Fig. 35.1



Hardware

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

Step 36: Attach Transom Assembly Part 1

A: Place 1 Transom Assembly on both (072) Front Wall Panel and (073) Back Wall Panel so they are tight to (331) Swing Top and (341) Wall Supports. From the outside attach each Transom Assembly to (341) Wall Supports with 2 (S3) #8 x 2-1/2" Wood Screws per assembly. (fig. 36.1)

B: From the inside attach (341) Wall Supports to each Transom Assembly and both the (072) Front Wall Panel and (073) Back Wall Panel with 4 (S3) #8 x 2-1/2" Wood Screws per support. (fig. 36.2)

C: From the inside attach each (325) Wall Tie to both (072) Front Wall Panel and (073) Back Wall Panel with 2 (S11) #8 x 2" Wood Screws per board. (fig. 36.2)

Fig. 36.1

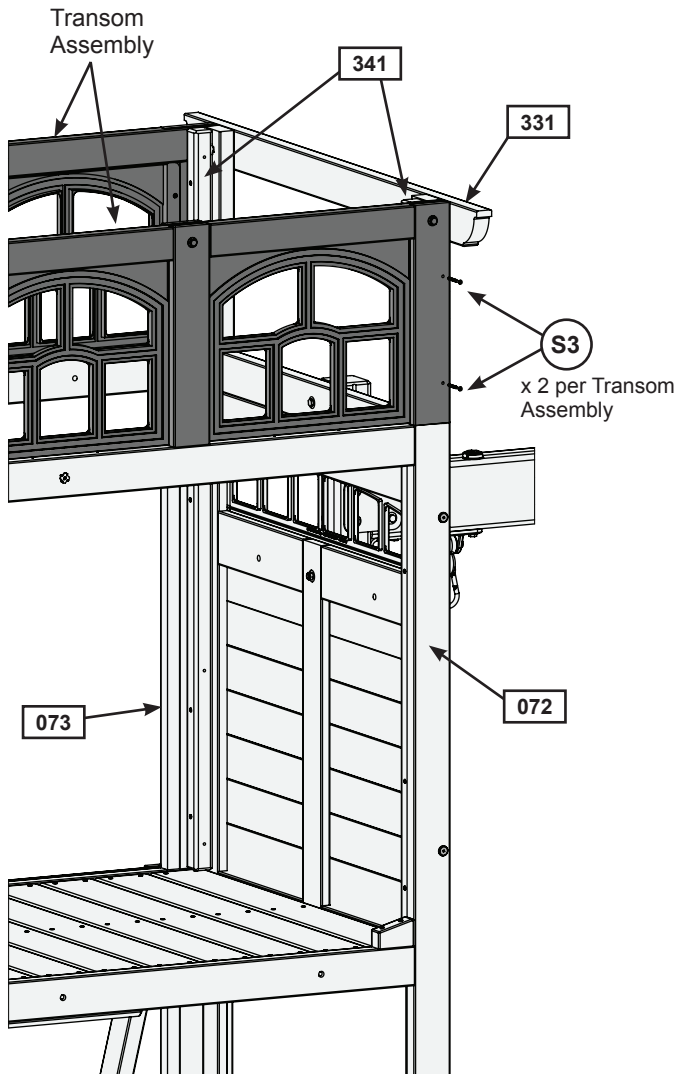
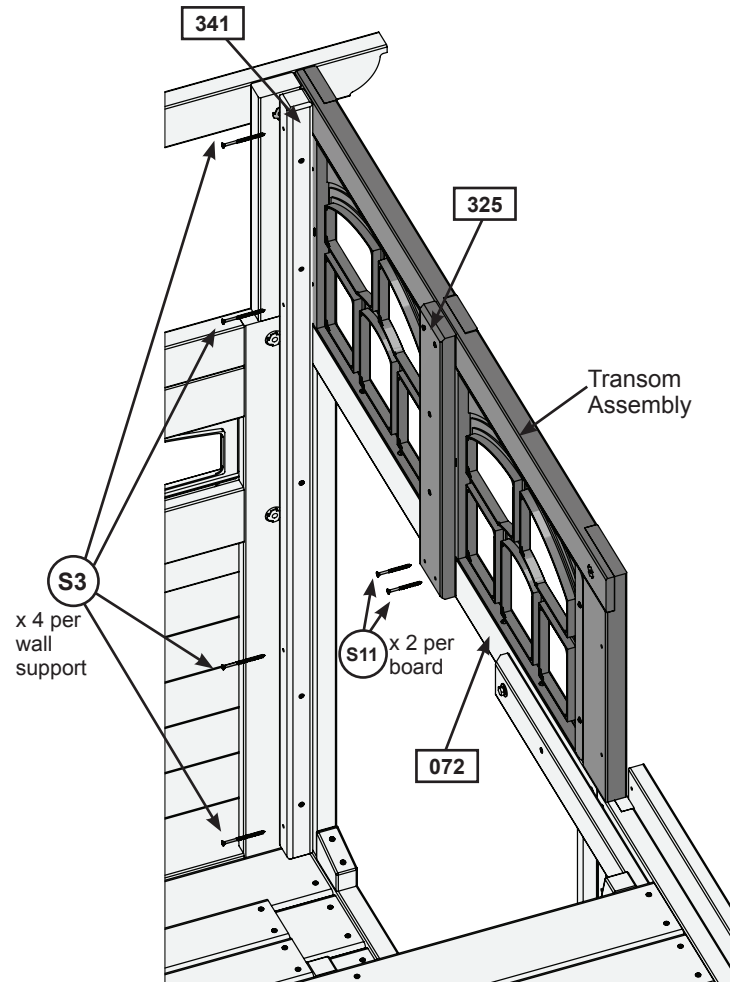


Fig. 36.2
Inside View



Hardware

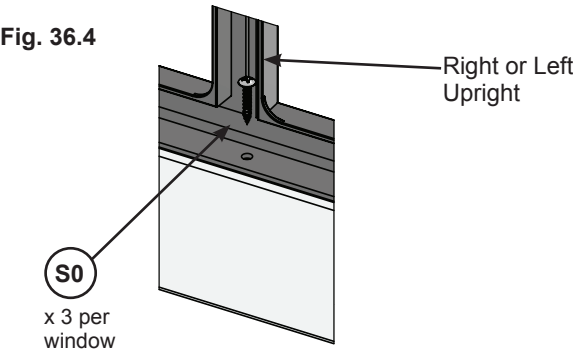
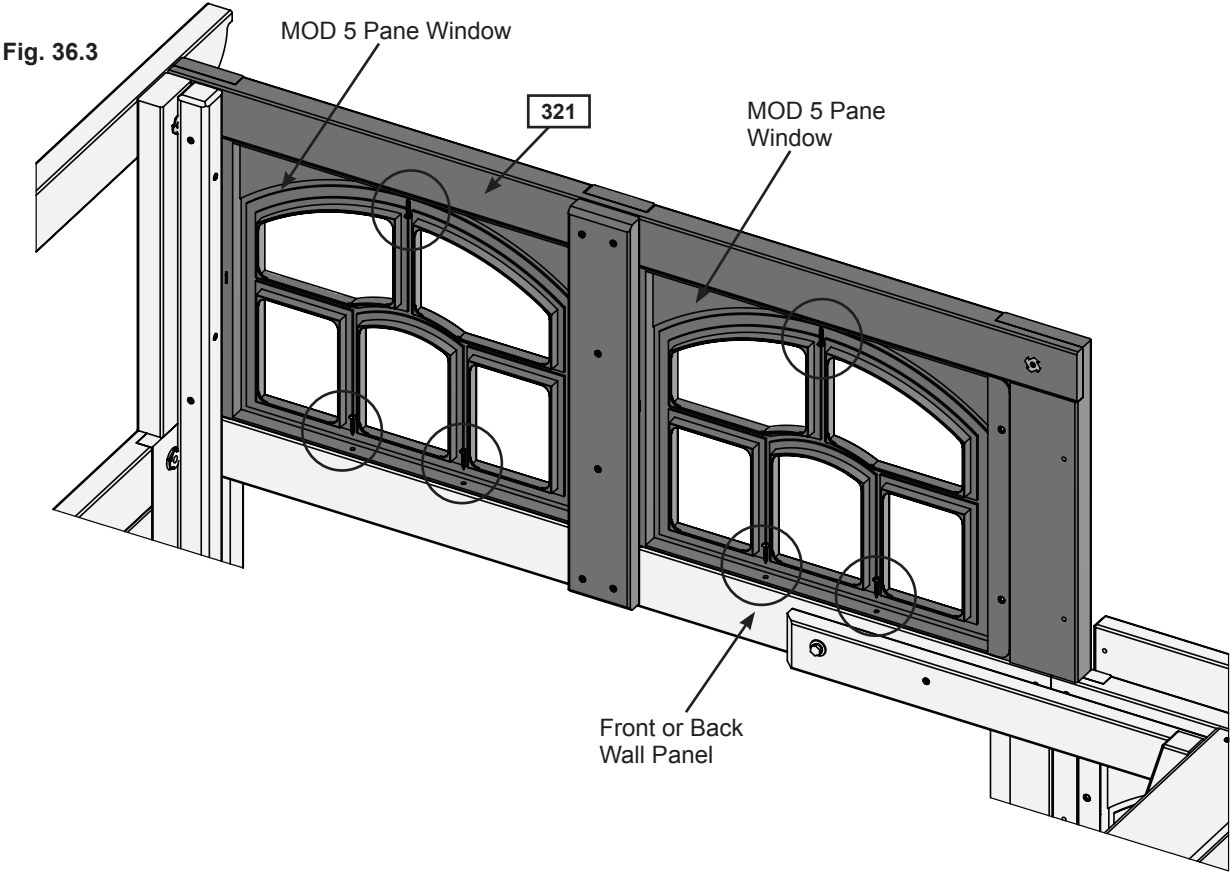
12 x (S3) #8 x 2-1/2" Wood Screw

4 x (S11) #8 x 2" Wood Screw

Step 36: Attach Transom Assembly

Part 2

D: Attach the top of each MOD 5 Pane Window to each (321) TB Support with 1 (S0) #8 x 7/8" Truss Screw per window then attach bottom of windows to (072) Front Wall Panel and (073) Back Wall Panel with 2 (S0) #8 x 7/8" Truss Screws per window. (fig. 36.3 and 36.4)



Hardware

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

Step 37: Attach Swing Top Smalls

Note: Refer to pg 77, fig 38.1. Use (381) Wall Posts as a guide to ensure correct placement of Swing Top Smalls.

A: Flush to the inside edge of each transom assembly attach 1 (371) Swing Top Small using 2 (S3) #8 x 2-1/2" Wood Screws per side. (fig. 37.1 and 37.2)

Fig. 37.1

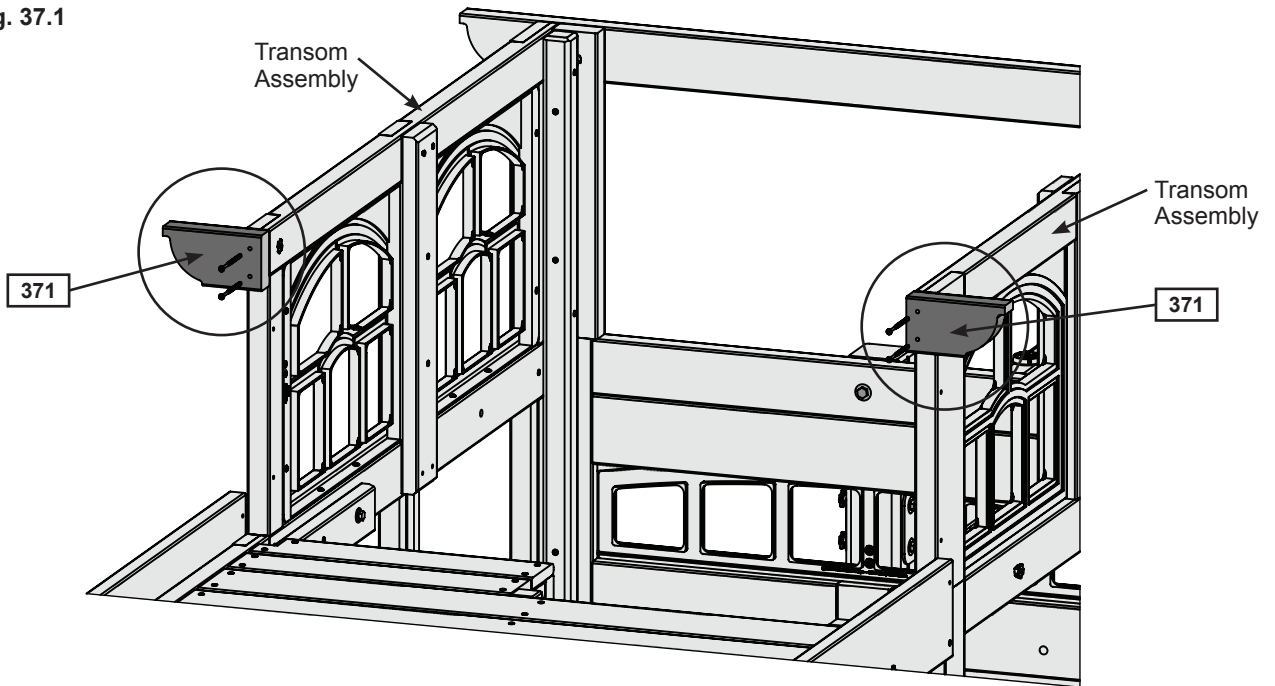
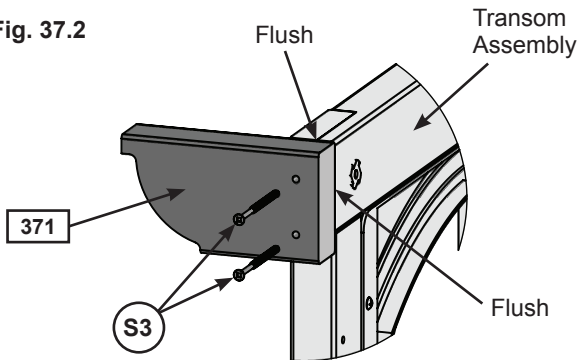


Fig. 37.2



Wood Parts

2 x **371** Swing Top Small 1-1/4 x 3 x 5-15/32"

Hardware

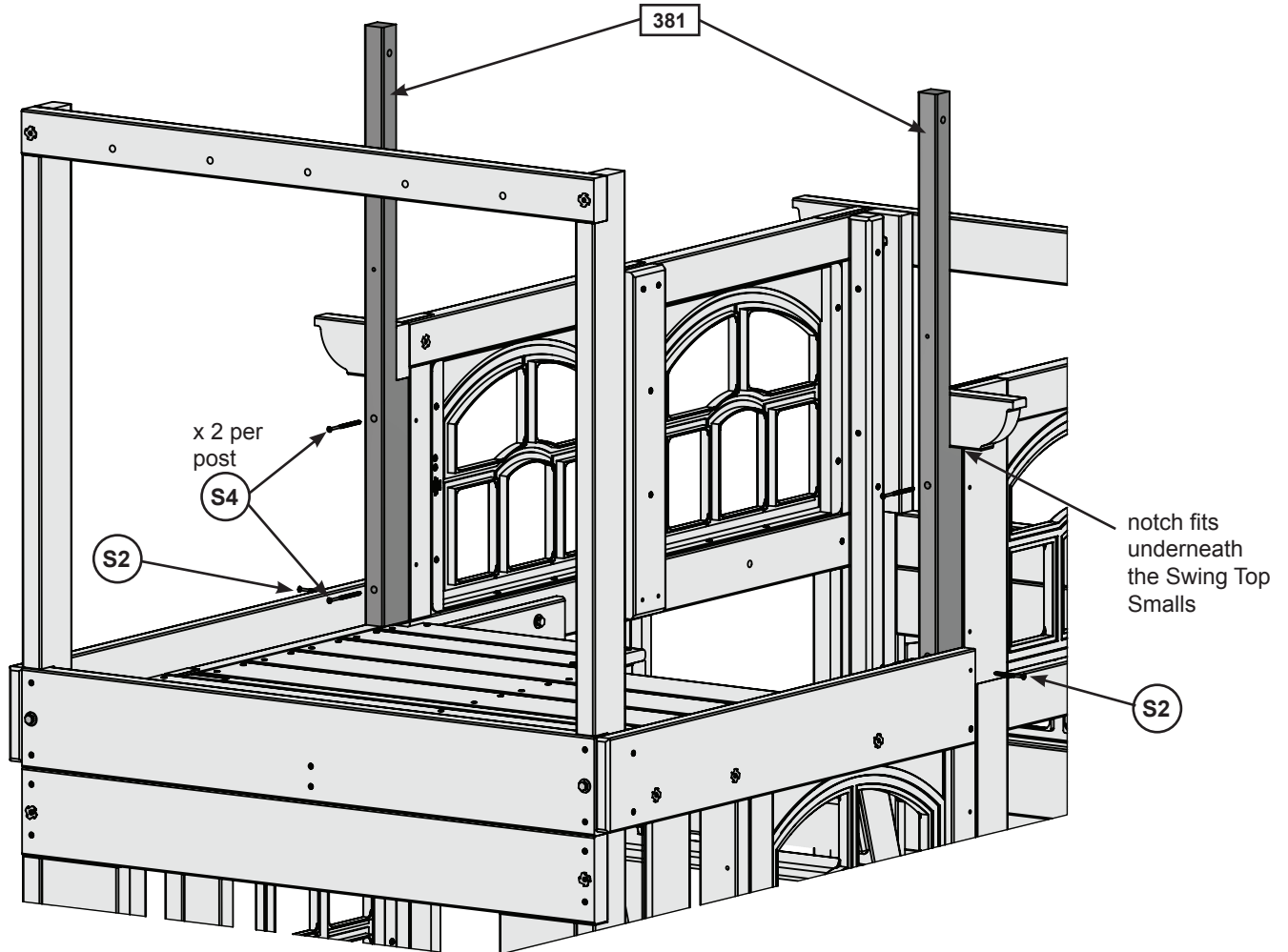
4 x **S3** #8 x 2-1/2" Wood Screw

Step 38: Install Wall Posts

A: On each side of the upper crowsnest place 1 (381) Wall Post so that the notch fits underneath the Swing Top Smalls, making sure that they are flush with the edges. Attach Wall Posts using 2 (S4) #8 x 2-1/2" Wood Screws per side. (fig. 38.1)

B: Install 2 (S2) #8 x 1-1/2" Wood Screw in the inside top hole of (231) Crowsnest Bottom Side Back and (233) Crowsnest Bottom Side Front. (fig. 38.1)

Fig. 38.1



Wood Parts

2 x 381 Wall Post 1-1/4 x 2-1/2 x 33-1/4"

Hardware

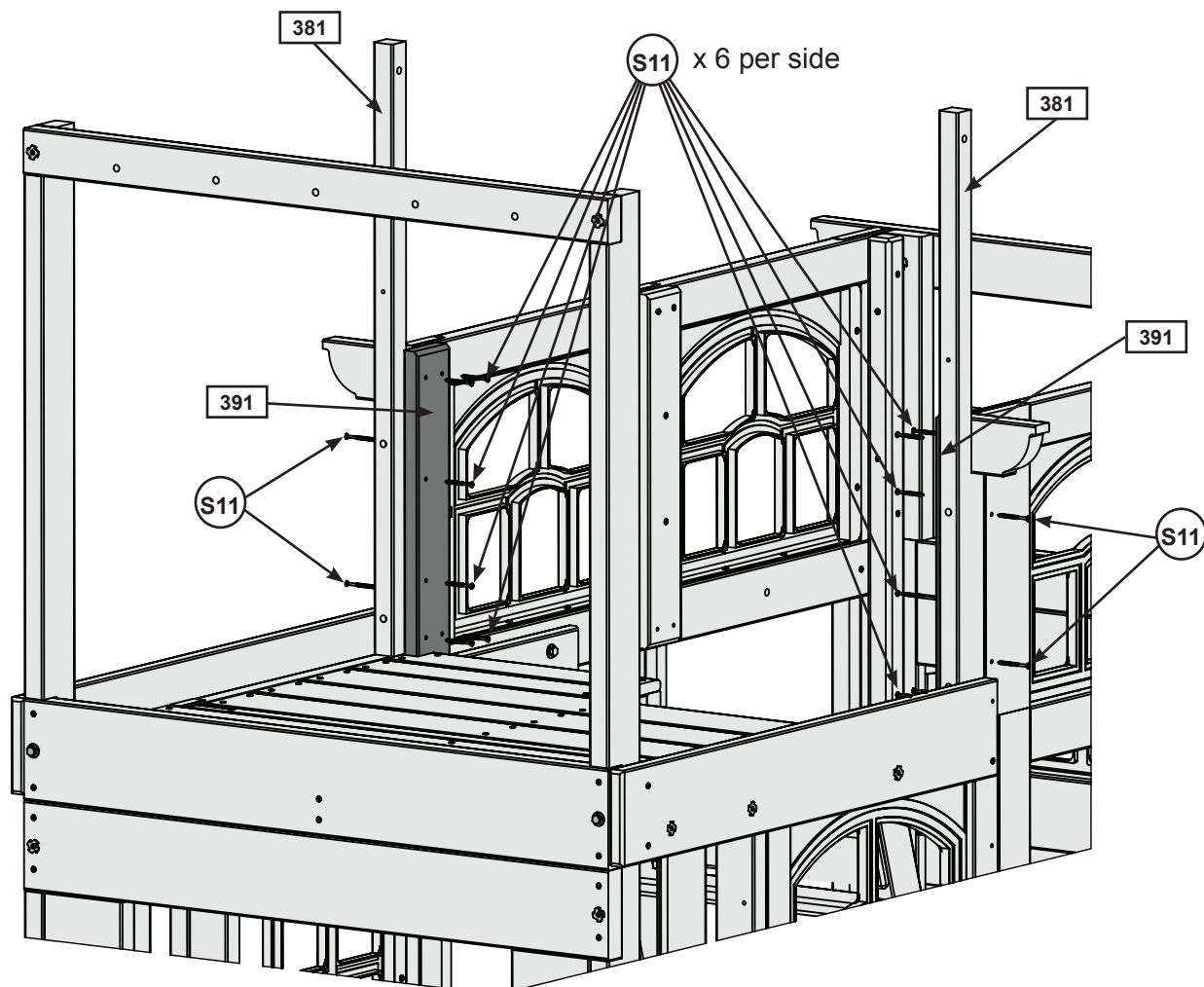
4 x S4 #8 x 3" Wood Screw

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

Step 39: Install Wall Ties

A: From the inside, place 1 (391) Short Wall Tie on each side of the upper crowsnest so that it's flush with the long, inside edge of the (381) Wall Post as shown in fig. 39.1. Attach each (391) Short Wall Tie from the inside using 6 (S11) #8 x 2" Wood Screws and from the outside using another 2 (S11) #8 x 2" Wood Screws per side. (fig. 39.1)

Fig. 39.1



Wood Parts

2 x 391 Short Wall Tie 15/16 x 3 x 17-1/8"

Hardware

16 x S11 #8 x 2" Wood Screw

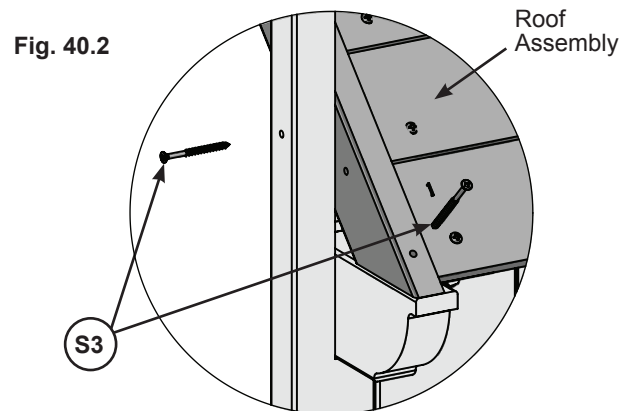
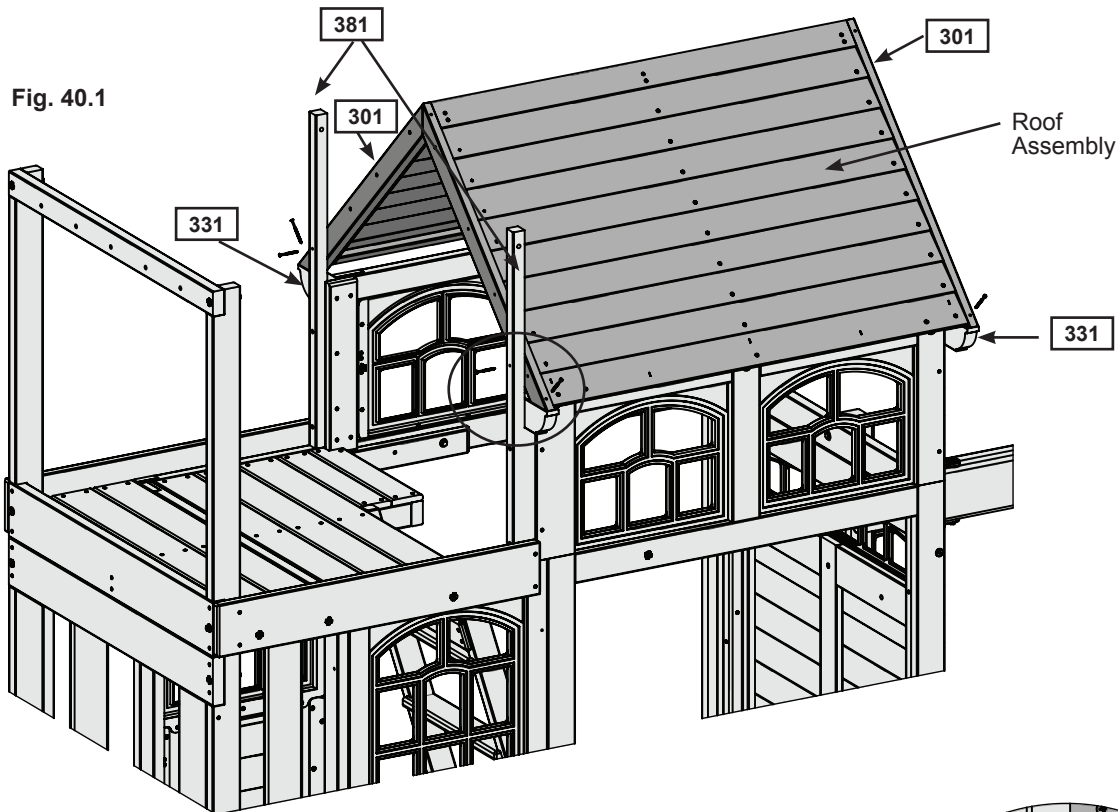
Step 40: Attach Large Roof Assembly




A: With 2 people on the ground and at least 1 person in the fort, lift the Large Roof Assembly up and over the Back side of the fort. Guide the Roof Assembly onto the fort so all four (301) Roof Supports sit flush to the front and outside edges of (331) Swing Top and the (371) Swing Top Smalls. (fig. 40.1)

B: Attach (301) Roof Supports to (331) Swing Top and (371) Swing Top Smalls with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 40.1 and 4.02)

C: Attach (381) Wall Posts to (301) Roof Supports using 2 (S3) #8 x 2-1/2" Wood Screws as shown in fig. 40.2.



Hardware

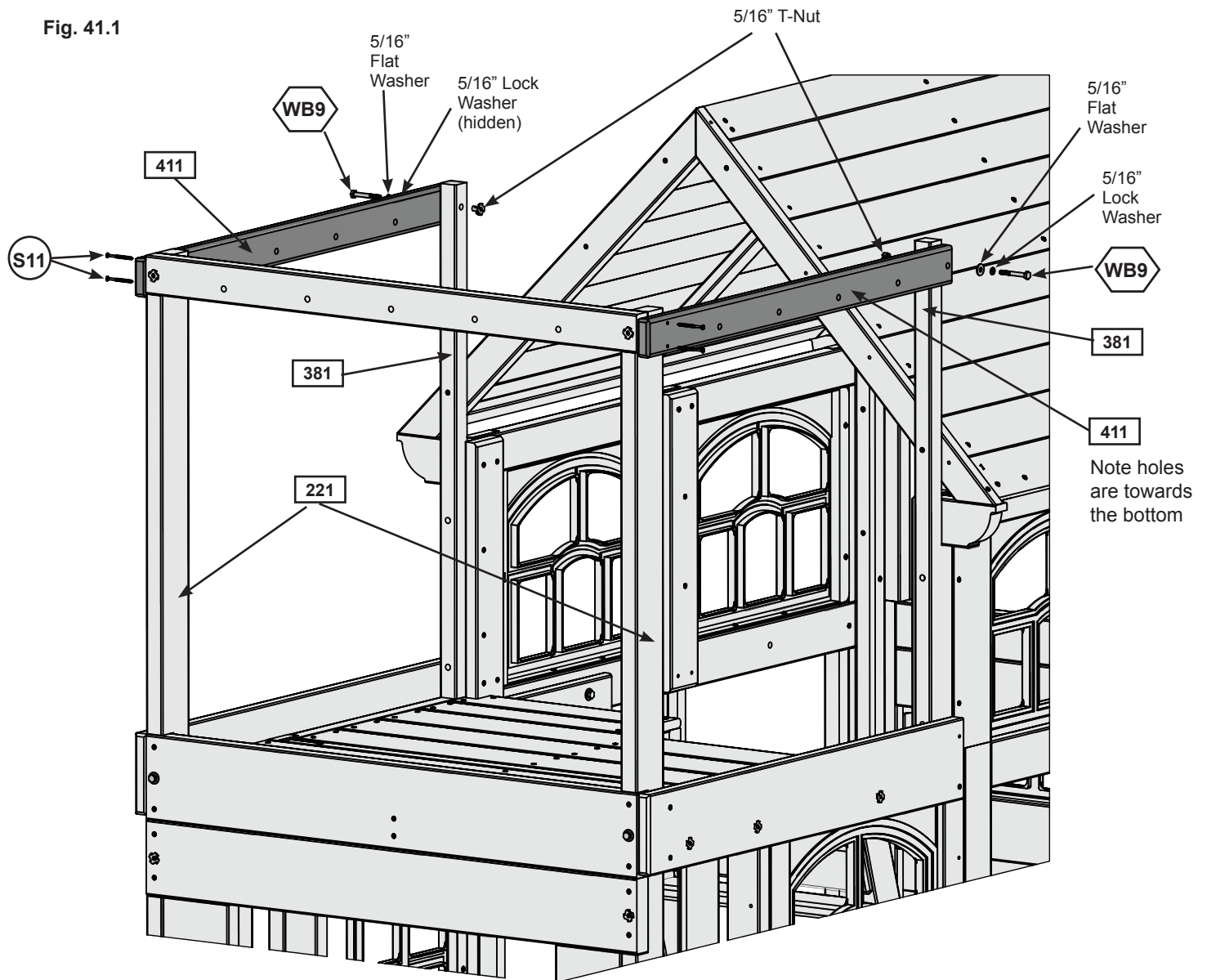
6 x  #8 x 2-1/2" Wood Screw

Step 41: Upper Deck Wall Assembly Part 1

A: From the outside, place 1 (411) Crowsnest Top Side across the top of the right side of the upper deck assembly making sure that pre-drilled holes are towards the bottom. From the outside, attach (411) Crowsnest Top Side to (381) Wall Post using 1 (WB9) 5/16 x 2-1/8" Wafer Bolt (with flat washer and t-nut). Attach opposite end to (221) Crowsnest Post using 2 (S11) #8 x 2" Wood Screws. (fig. 41.1)

B: Repeat to install a second Crowsnest Top Side on the left side of the assembly.

Fig. 41.1



Wood Parts

2 x 411 Crowsnest Top Side 15/16 x 2-1/2 x 33-3/4"

Hardware

2 x WB9 5/16 x 2-1/8" Wafer Bolt (5/16" flat washer, 5/16" Lock Washer, 5/16" t-nut)
4 x S11 #8 x 2" Wood Screw

Step 41: Upper Deck Wall Assembly Part 2

C: On each side of the roof assembly, place 1 (412) Short Roof Tie so that it is resting flush on the (301) Roof Support and is flush to the outside edge of the (381) Wall Post. Attach each (412) Short Roof Tie to the (381) Wall Posts using 2 (S3) #8 x 2-1/2" Wood Screws per side and install one more (S3) #8 x 2-1/2" Wood Screws per side to attach the (412) Short Roof Ties to the (301) Roof Supports.

D: Repeat direction in Step C to install a (413) Roof Tie on each side of the roof assembly, making sure that the (413) Roof Ties are flush with the top of the (381) Wall Posts and (411) Crowsnest Top Sides.

Fig. 41.2

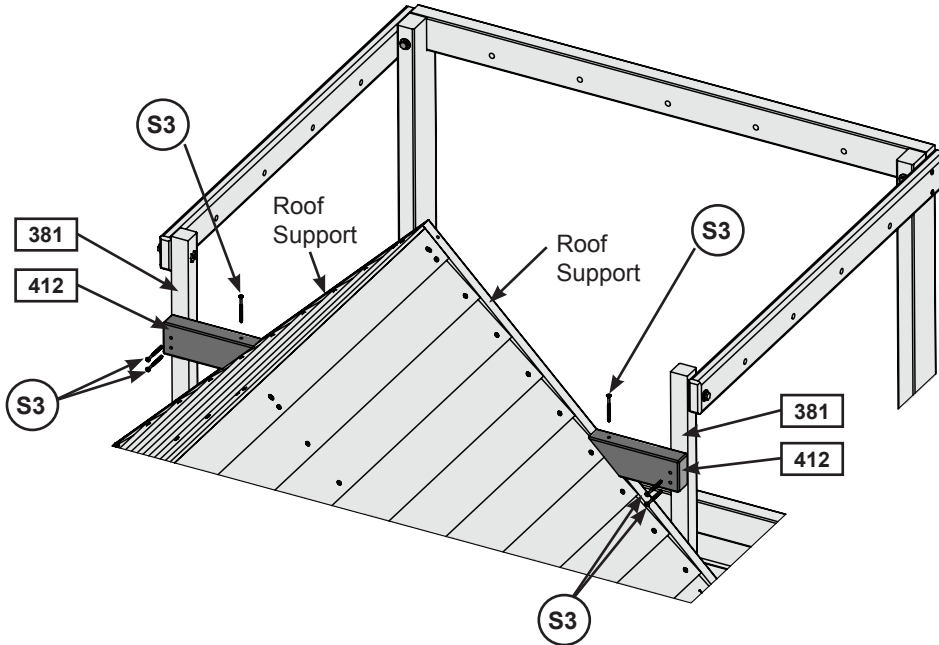
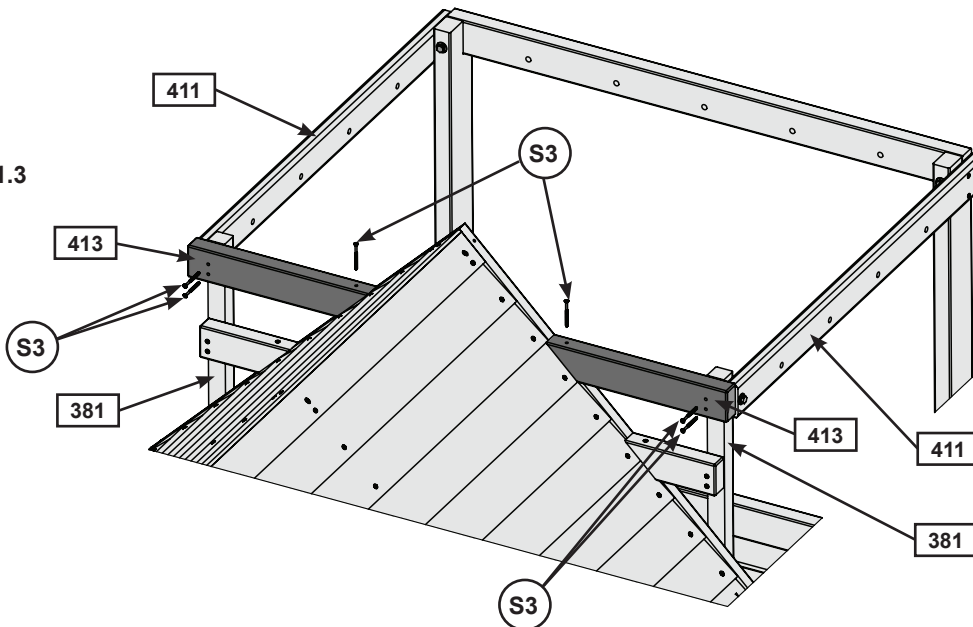


Fig. 41.3



Wood Parts

- 2 x **412** Short Roof Tie 1-1/4 x 2-3/8 x 6-3/4"
2 x **413** Roof Tie 1-1/4 x 2-3/8 x 13-5/32"

Hardware

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

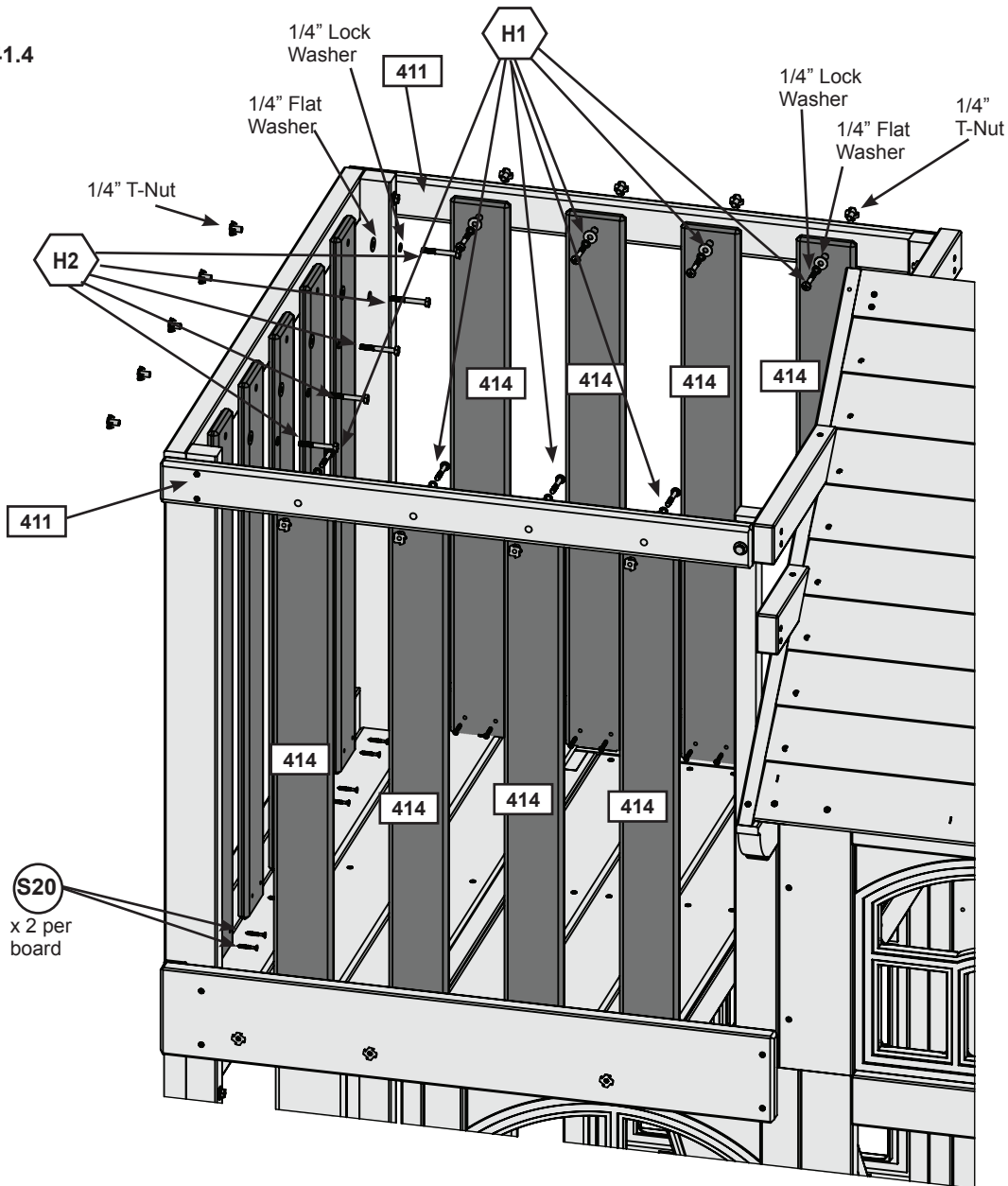
Step 41: Upper Deck Wall Assembly Part 3



E: From inside the assembly on the left and right sides of the upper crowsnest place 4 (414) Cedar Wall boards per side. Attach the top end of the boards to (411) Crowsnest Top Sides using 1 (H1) $\frac{1}{4}$ x 1-1/2" Hex Bolts (with flat washer, lock washer and t-nut) per board and attach the bottom end of the boards using 2 (S20) #8 x 1-3/8" Wood Screws per board. Ensuring they are evenly spaced. (fig. 41.4)

F: From inside the assembly place 5 (414) Cedar Wall boards at the front of the upper crowsnest and attach at the top using 1 (H2) $\frac{1}{4}$ x 2" Hex Bolt (with lock washer, flat washer and t-nut) and at the bottom using 2 (S20) #8 x 1-3/8" Wood Screws per board. Ensuring they are evenly spaced. (fig. 41.4)

Fig. 41.4



Wood Parts

13 x **414** Cedar Wall 5/8 x 3-3/8 x 32-9/16"

Hardware

8 x **H1** $\frac{1}{4}$ x 1-1/2" Hex Bolts (with flat washer, lock washer and t-nut)
 5 x **H2** $\frac{1}{4}$ x 2" Hex Bolts (with flat washer, lock washer and t-nut)
 26 x **S20** #8 x 1-3/8" Wood Screw

Step 42: Attach Angle Walls

A: Remove the 2 screws on the ladder side of (054) Nest Joist Back. Do not discard. Place (420) Angle Wall A so that the bottom is over the existing holes and the top angle is towards the roof. Making sure that the board is straight attach at the bottom using 2 (S4) #8 x 3" Wood Screws in the existing holes and 1 (S11) #8 x 2" Wood Screw at the top. (Fig. 42.1 & 42.2 & 42.3)

B: Evenly space (421) Angle Wall B, (422) Angle Wall C and (423) Angle Wall D as shown in fig. 42.1 and attach each board using 3 (S11) #8 x 2" Wood Screws.

Fig. 42.1

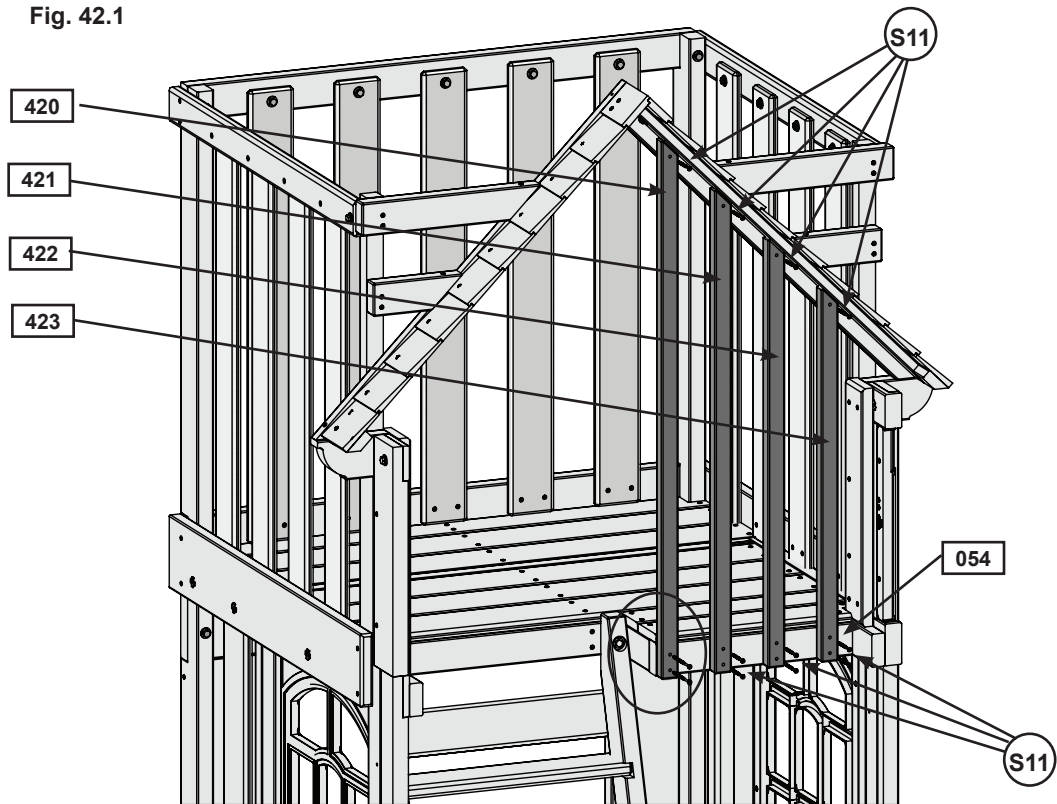


Fig. 42.2

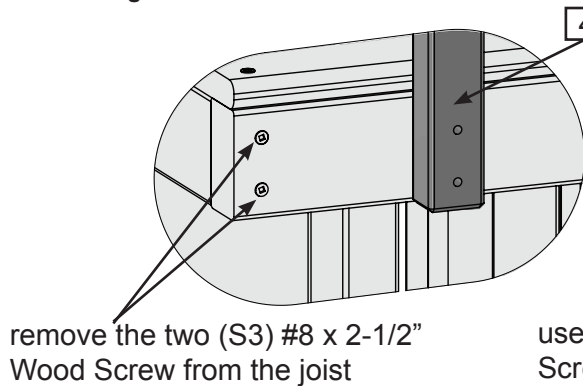
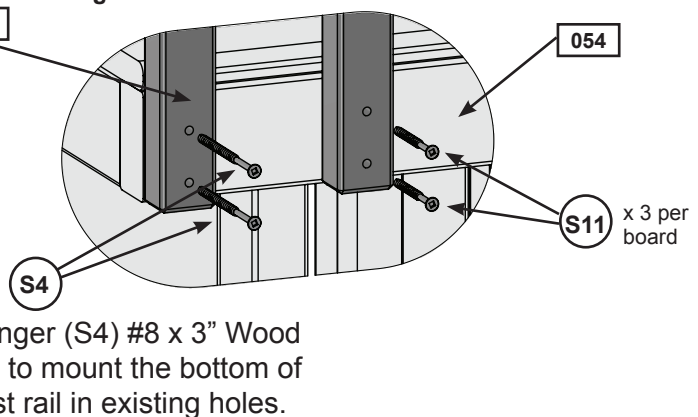


Fig. 42.3



Wood Parts

- 1 x 420 Angle Wall A 1 x 1-1/4 x 38-7/8"
- 1 x 421 Angle Wall B 1 x 1-1/4 x 34-15/16"
- 1 x 422 Angle Wall C 1 x 1-1/4 x 30-31/32"
- 1 x 423 Angle Wall D 1 x 1-1/4 x 27"

Hardware

- 10 x S11 #8 x 2" Wood Screw
- 2 x S4 #8 x 3" Wood Screw

Step 43: Attach Crow Ladder Grip



A: Place Crow Ladder Grip with one end on the outside of the (041) Nest Right Access and the opposite end on the outside of the (055) Ladder Side Joist. Pre-drill holes using a 1/8" drill bit then attach using 2 (WL3) 1/4 x 1-3/8" Wafer Lags (with flat washer). (Fig. 43.1 & 43.2)

Fig. 43.1

Crow Ladder Grip

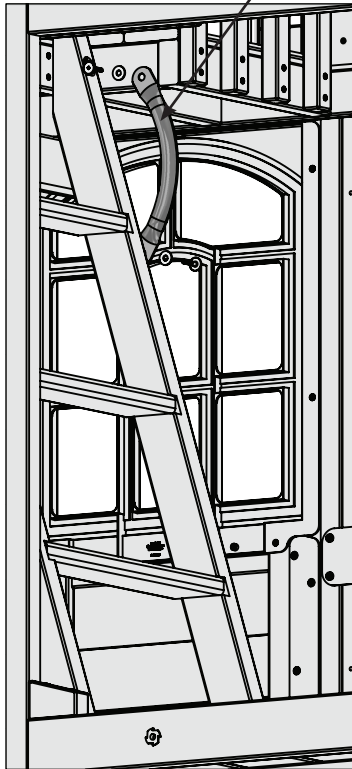
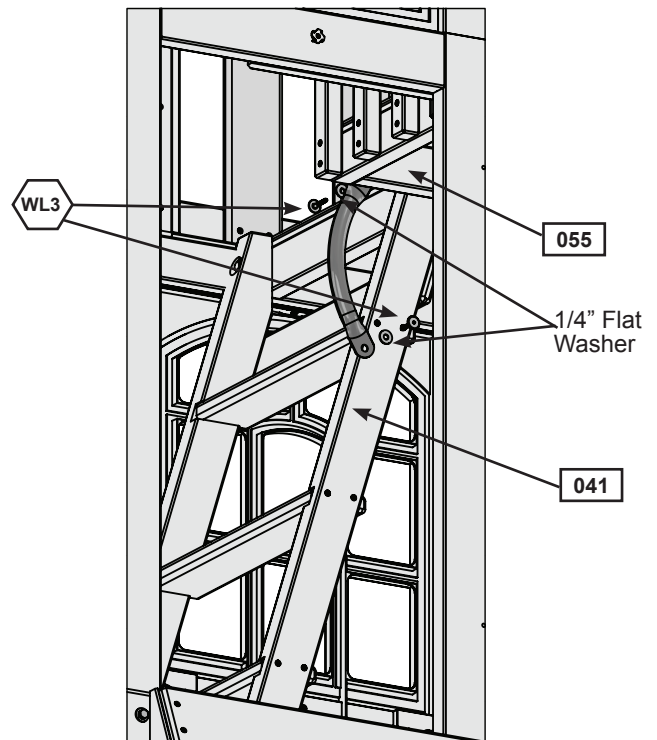



Fig. 43.2



Hardware

2 x  1/4 x 1-3/8" Wafer Lag
(1/4" flat washer)

Other Parts

1 x Crow Ladder Grip

Step 44: Attach Telescope

A: On the top right hand corner of the upper crownsnest, attach Telescope Base on an angle with 2 (S11) #8 x 2" Wood Screws. (fig. 44.1 & 44.2)

Fig. 44.1

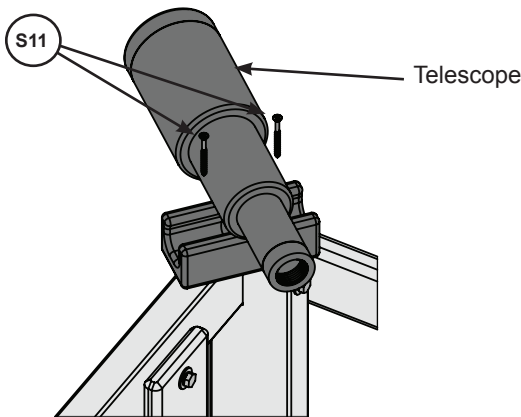
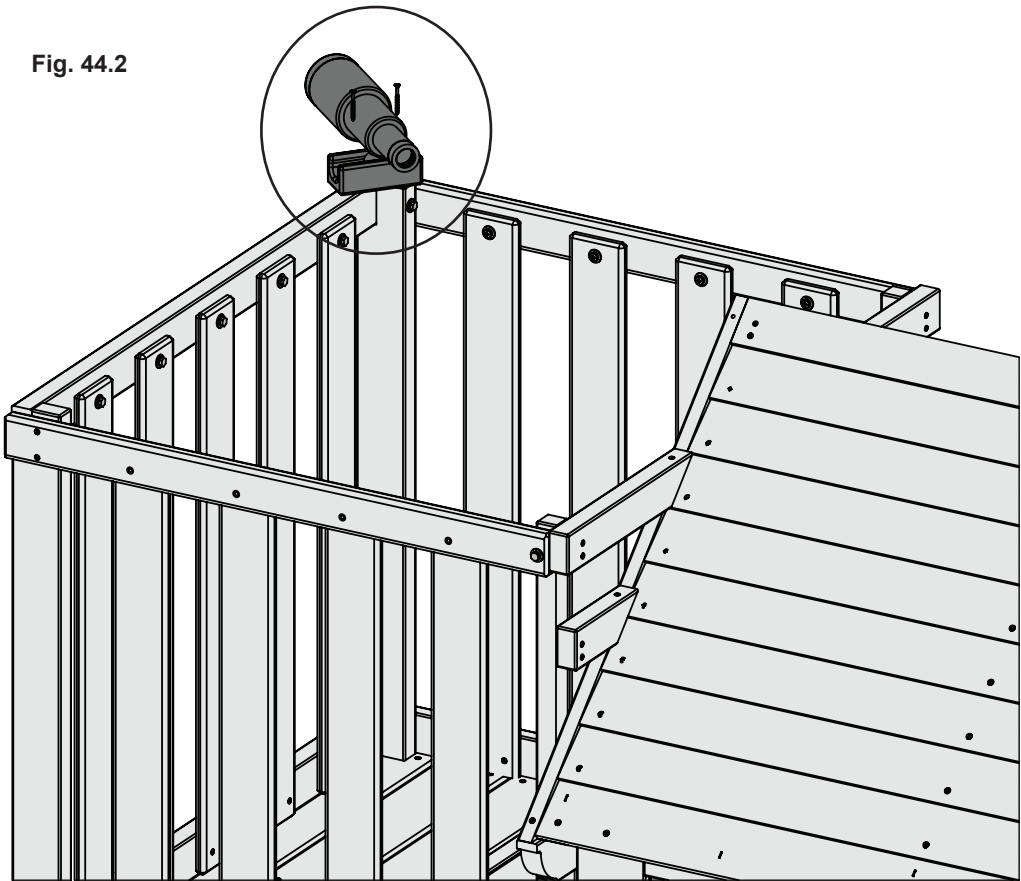



Fig. 44.2



Hardware

2 x  #8 x 2" Wood Screw

Other Parts

1 x Telescope

Step 45: Install Bell Support Assembly Part 1

A: Place (451) Bell Top on top of (452) Bell Support so the angled and back edges are flush then attach with 3 (S20) #8 x 1-3/8" Wood Screws. Repeat by attaching (453) Bell Top Right to top of (452) Bell Support. Rounded ends of (451) Bell Top and (453) Bell Top RT are at the bottom. (fig. 45.1 & 45.2)

B: Centred above the door on (063) Narrow Front Panel place each Bell Support Assembly so they are tight and form a peak then attach to (023) Narrow Front Panel with 1 (S3) #8 x 2-1/2" Wood Screw and 1 (S11) #8 x 2" Wood Screw per assembly. (fig. 45.3)

Fig. 45.1
Top View

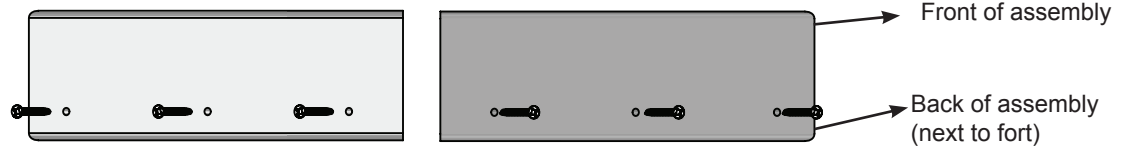


Fig. 45.3

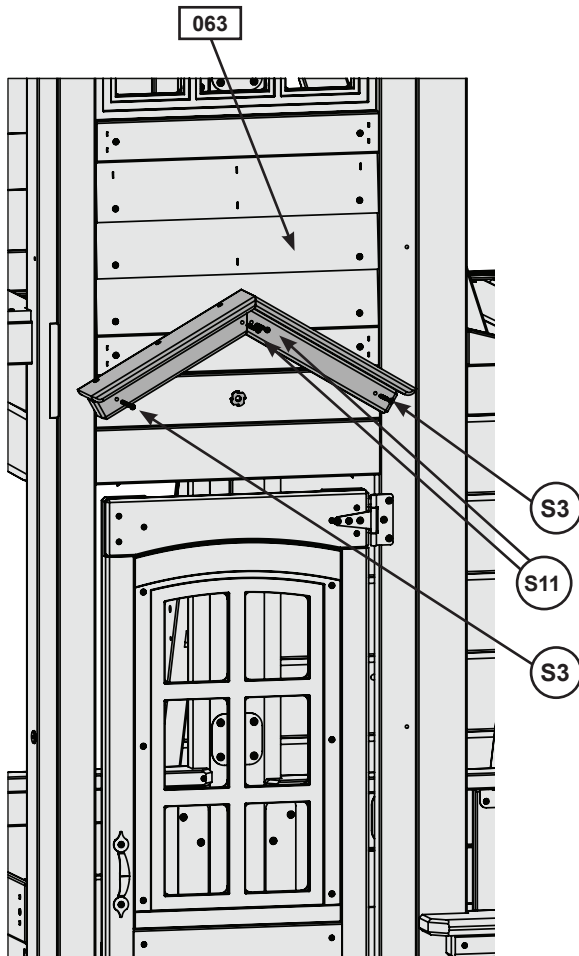
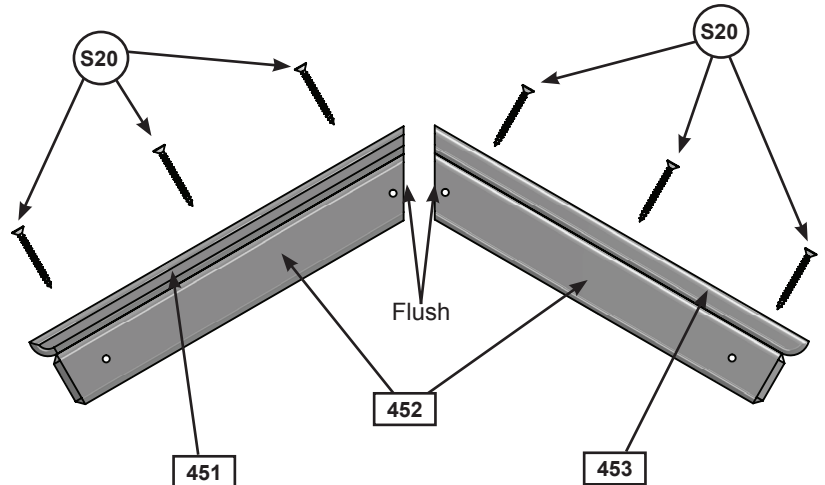


Fig. 45.2



Wood Parts

- 1 x 451 Bell Top 5/8 x 3-3/8 x 11-1/4"
- 1 x 453 Bell Top RT 5/8 x 3-3/8 x 11-1/4"
- 2 x 452 Bell Support 1-1/2 x 1-1/2 x 10-5/8"

Hardware

- 2 x S11 #8 x 2" Wood Screw
- 6 x S20 #8 x 1-3/8" Wood Screw
- 2 x S3 #8 x 2-1/2" Wood Screw

Step 45: Install Bell Support Assembly Part 2

C: Centred under the peak of the Bell Support Assembly attach Horseshoe Mount to (063) Narrow Front Panel with 4 (S0) #8 x 7/8" Truss Screws. (fig. 45.4 & 45.5)

D: Thread the Steel Clapper Line through the Bolt. Slide Bell under overhang of Horseshoe Mount then insert Bolt up through Bell and Horseshoe Mount then secure with Nut. Make sure it is tight.(fig. 45.6 & 45.7)

Fig. 45.4



Fig. 45.7

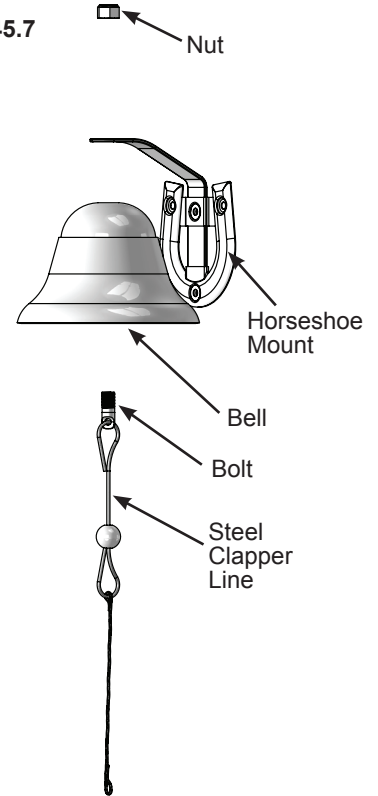
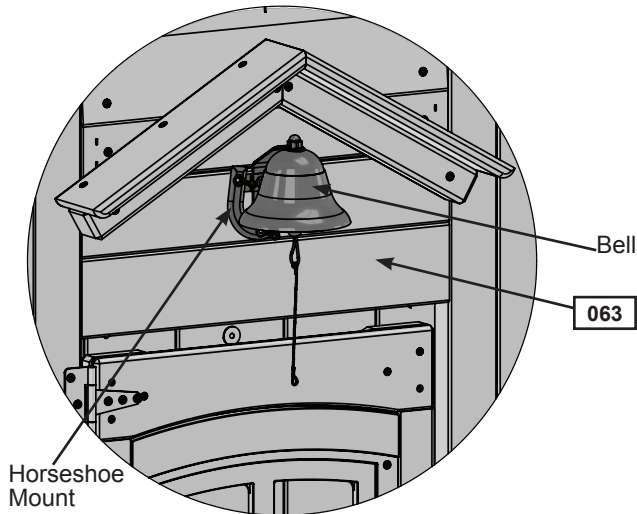
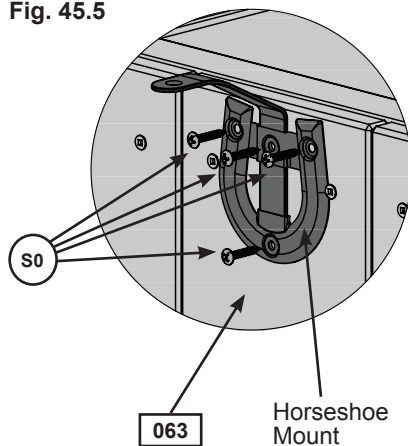


Fig. 45.6

Fig. 45.5

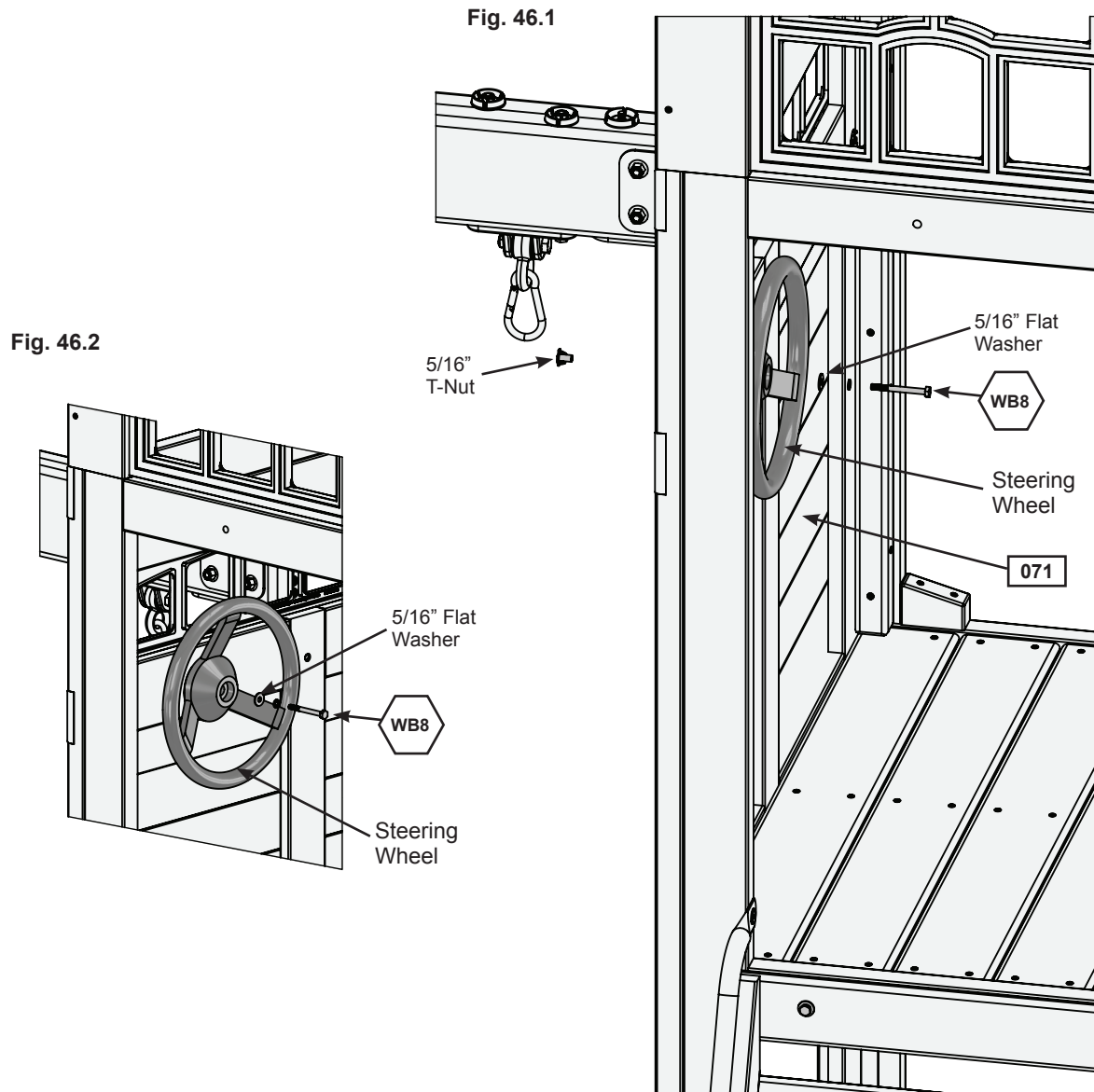


Hardware
4 x (S0) #8 x 7/8" Truss Screw


Other Parts
1 x Bell with Horseshoe Mount

Step 46: Attach Steering Wheel

A: On (071) SW Wall Panel attach Steering Wheel with 1 (WB8) 5/16 x 2-3/8" Wafer Bolt (with flat washer and t-nut). (fig. 46.1 & 46.2)



Hardware

1 x  5/16 x 2-3/8" Wafer Bolt
(5/16" flat washer, 5/16" t-nut)

Other Parts

1 x Steering Wheel

Step 47: Assemble and Attach BBQ Kitchen Part 1



A: On (072) Front Wall place BBQ Base on (132) Table Top. Use BBQ Cooktop as a guide so there is enough room for BBQ Cooktop and 1" gap to the edge of the wall to the left of BBQ Base. Attach BBQ Base to (132) Table Top with 4 (S0) #8 x 7/8" Truss Screws. (fig.47.1 & 47.2 & 47.3 & 47.4)

B: Snap BBQ Lid on to the back of BBQ Base. (fig.47.2)

Fig. 47.2

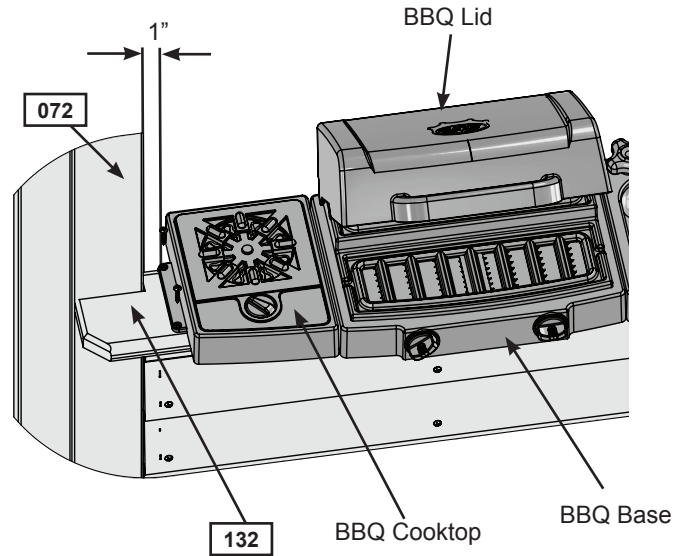


Fig. 47.1

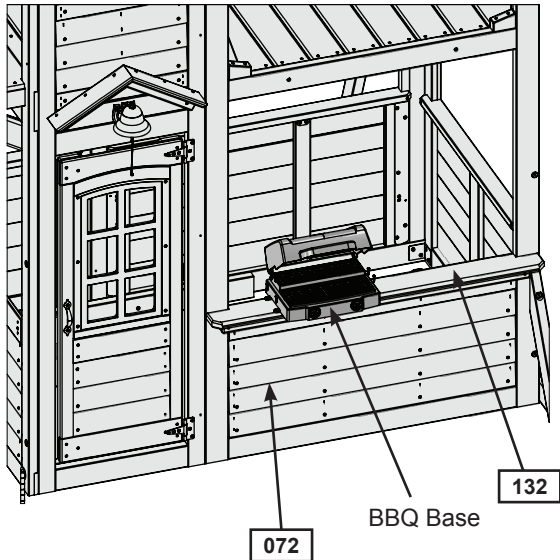


Fig. 47.3

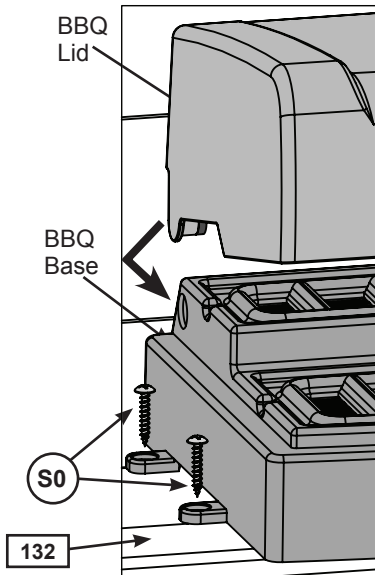
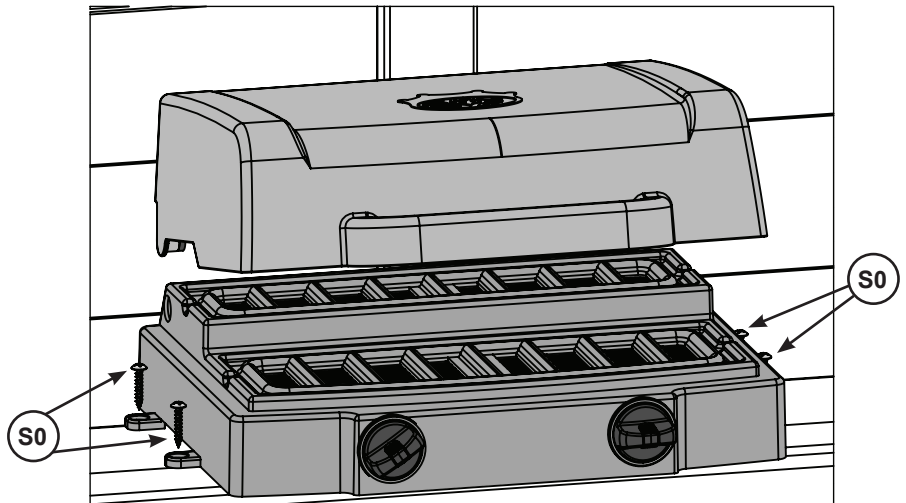


Fig. 47.4



Hardware

4 x (S0) #8 x 7/8" Truss Screw

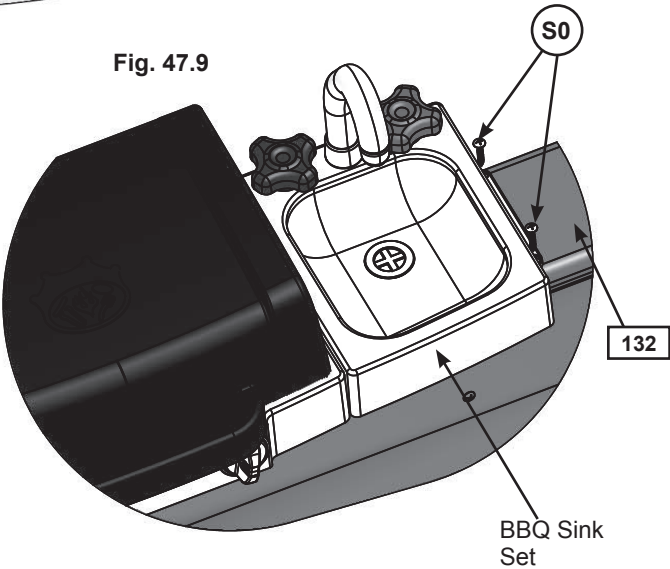
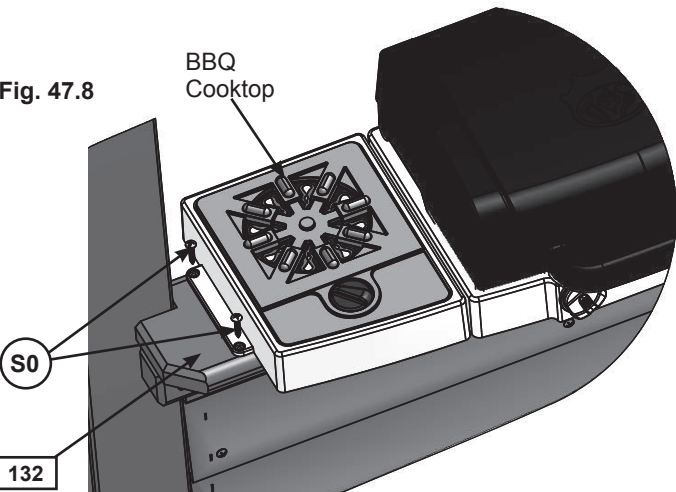
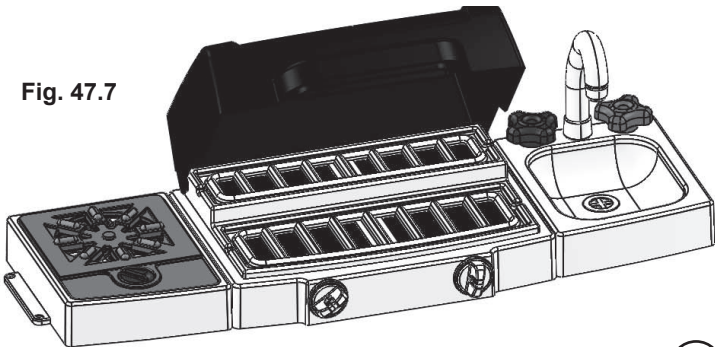
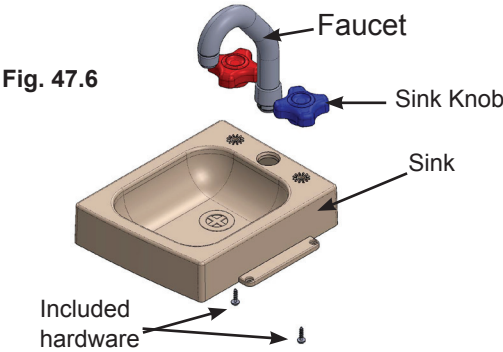
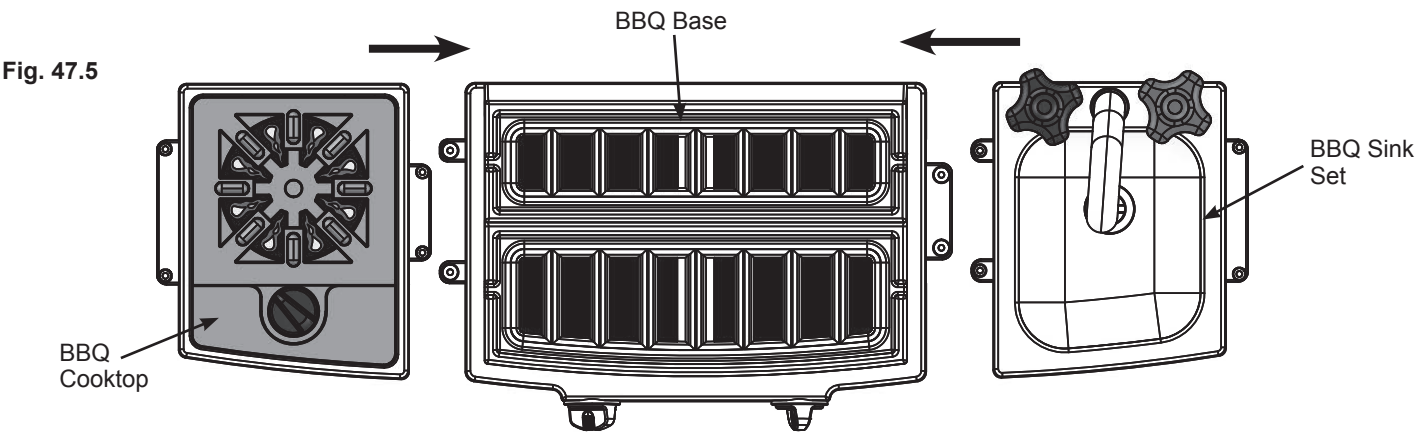
Other Parts

1 x BBQ Base
1 x BBQ Lid

Step 47: Assemble and Attach BBQ Kitchen Part 2

C: Slide BBQ Cooktop tight beside BBQ Base on the left and BBQ Sink Set tight on the right. Attach both BBQ Cooktop and BBQ Sink Set to (132) Tabel Top with 2 (S0) #8 x 7/8" Truss Screws each. (fig.47.5, 47.6, 47.7 and 47.8)

D: Place Faucet and 2 Sink Knobs in opening of Sink and attach Sink Knobs with included hardware. (fig. 47.9)
Important: Use a hand held screw driver and DO NOT over tighten.



Hardware

4 x (S0) #8 x 7/8" Truss Screw

Other Parts

1 x BBQ Cooktop
1 x BBQ Sink

Step 48: Attach Utensil Shelves Part 1



A: From outside the assembly in the top of the opening of (072) Front Wall Panel, 1" in from the panel, attach 1 Utensil Shelf with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 48.1 and 48.2.

B: Attach Sign to the Utensil Shelf. (fig. 48.3)

Fig. 48.1

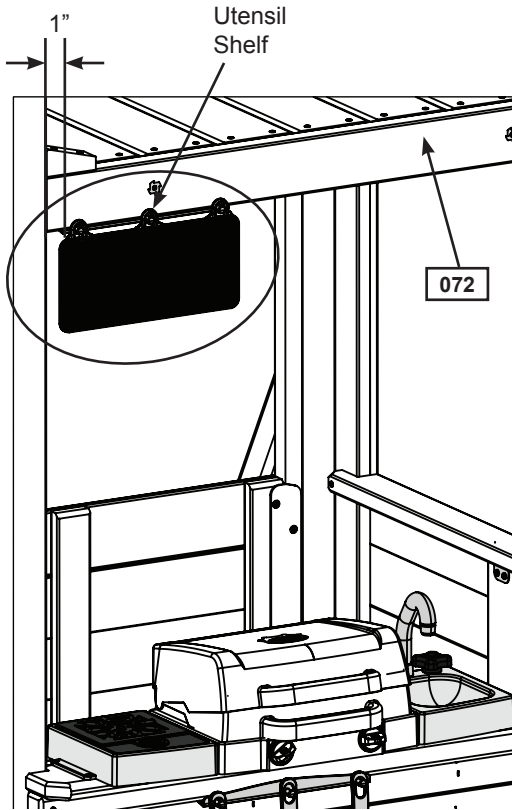


Fig. 48.2

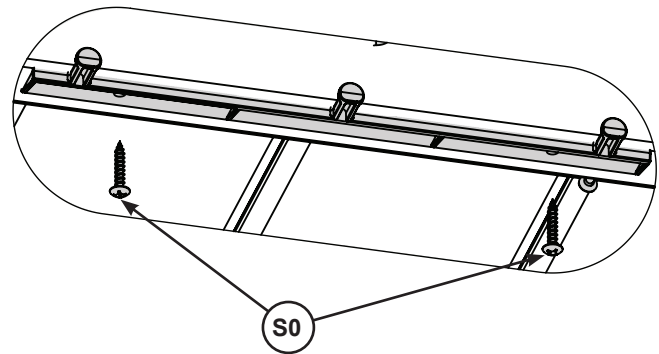
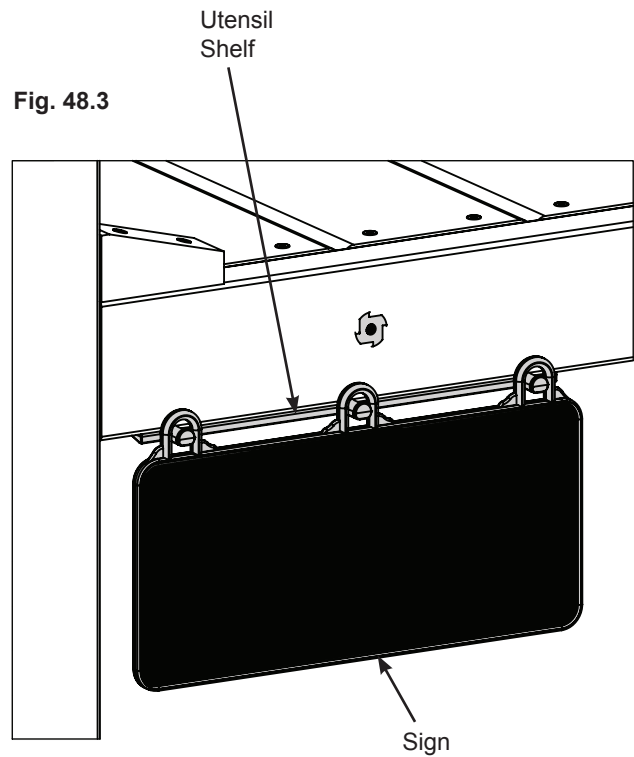


Fig. 48.3



Hardware

2 x (S0) #8 x 7/8" Truss Screw

Other Parts

1 x Utensil Shelf
1 x Sign

Step 48: Attach Utensil Shelves Part 2

C: From outside the assembly, centred below the BBQ Kitchen attach 1 Utensil Shelf to (131) Table Support with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 48.4 and 48.5.

D: Attach Pan, Tongs and Spatula to the Utensil Shelf. (fig. 48.6)

E: Place Basket next to BBQ Kitchen on (132) Table Top. (fig. 48.7)

Fig. 48.4

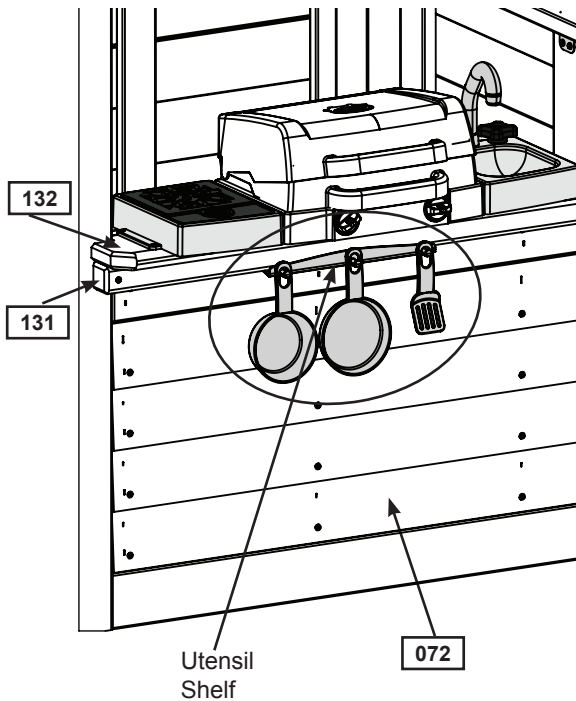


Fig. 48.5

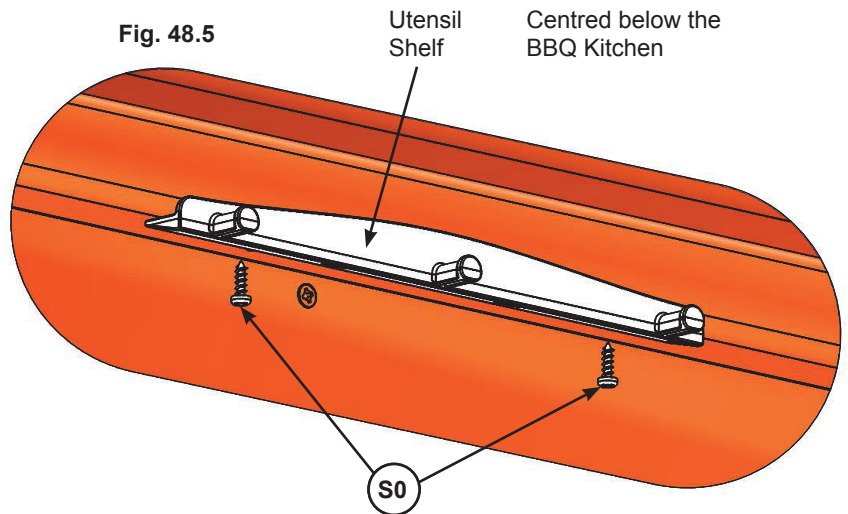


Fig. 48.6

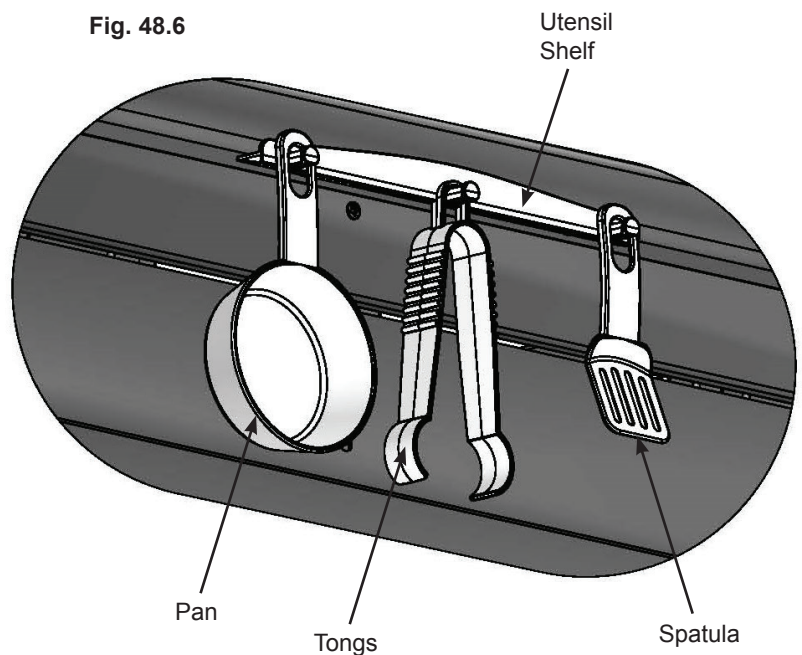


Fig. 48.7



Hardware

2 x (S0) #8 x 7/8" Truss Screw

Other Parts

1 x Utensil Shelf
1 x Pan
1 x Tongs
1 x Spatula
1 x Pot
1 x Basket with fruit

Step 49: Attach Slides to Fort



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

A: Place Slide centred in the opening of the (072) Front Wall Panel. (fig. 49.1)

B: Attach slide to fort using 4 (S7) #12 x 2" Pan Screws. (fig. 49.2)

Fig. 49.1

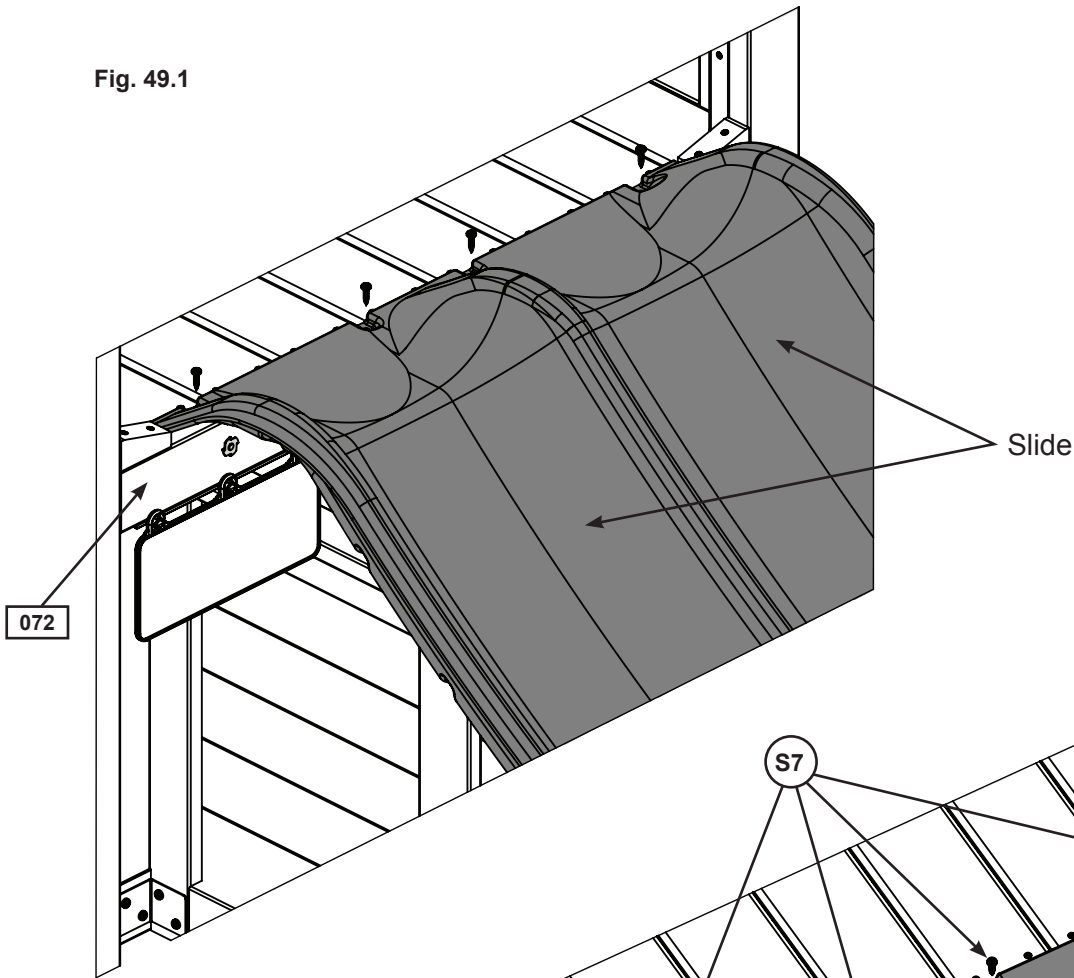
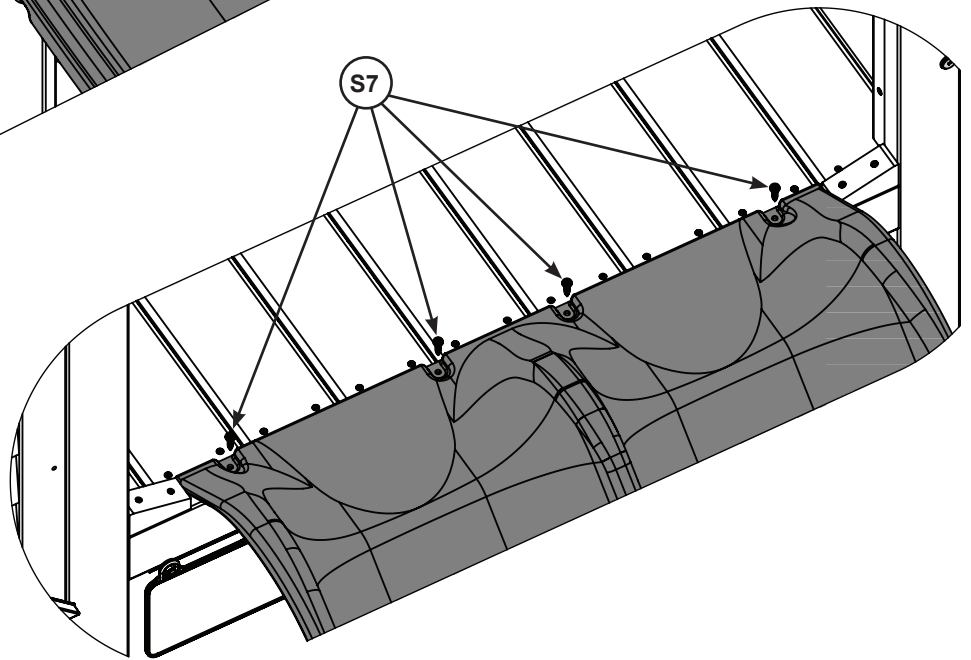



Fig. 49.2



Hardware

4 x  #12 x 2" Pan Screw

Other Parts

1 x Double Ride Maze
N Wave Slide

Step 50: Slide Section Assemblies Part 1

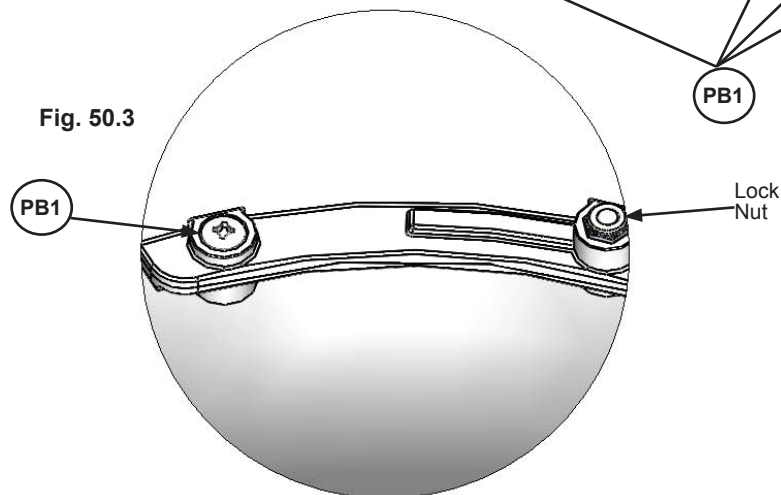
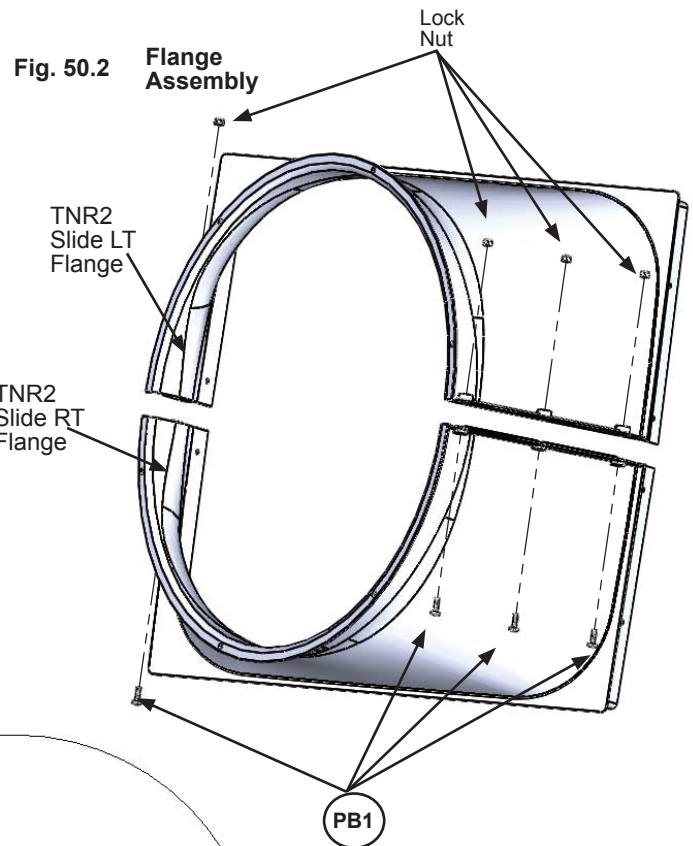
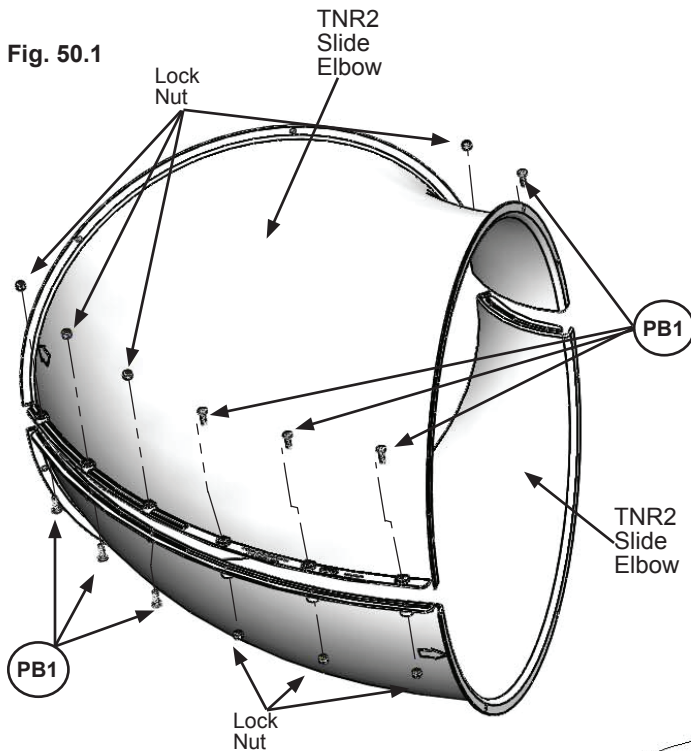


Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess. (fig. 50.3)

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. 50.1. It is very important to attach bolts as indicated.

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

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. 50.2. This creates the Flange Assembly.



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 50: 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. 50.3)

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. 50.4. It is very important to attach bolts as indicated. This creates the Exit Elbow Assembly.

Fig. 50.4

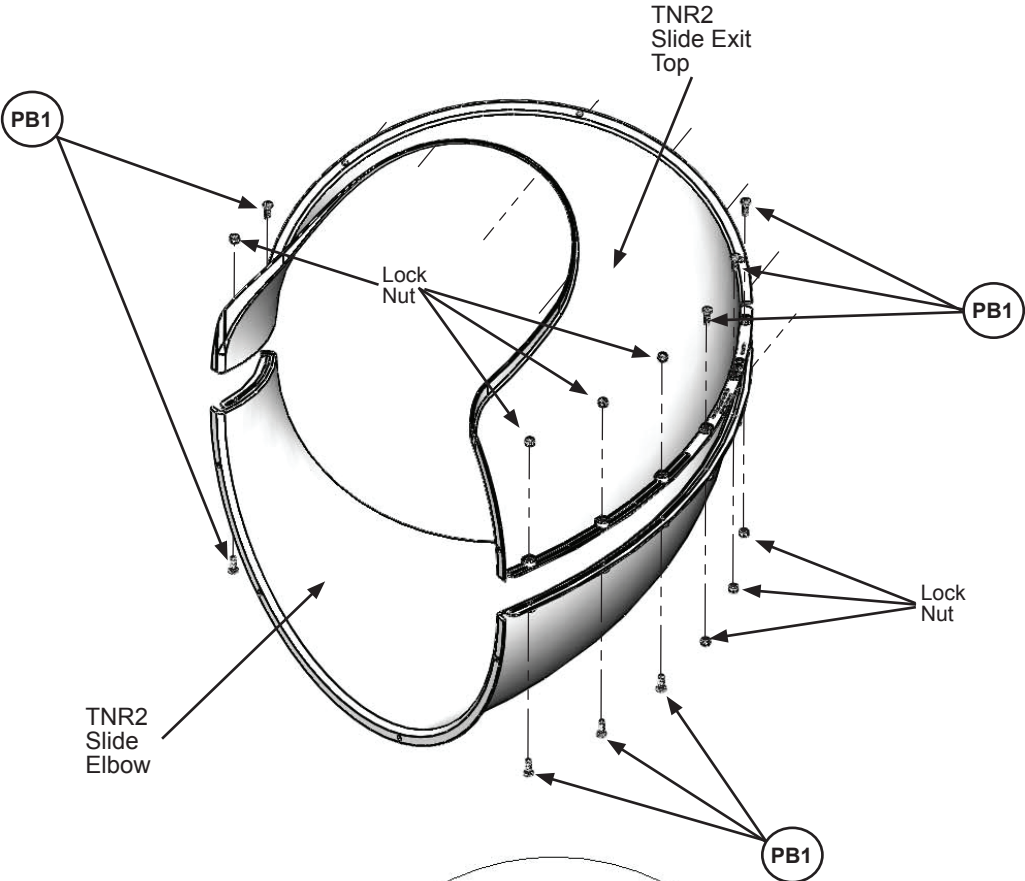
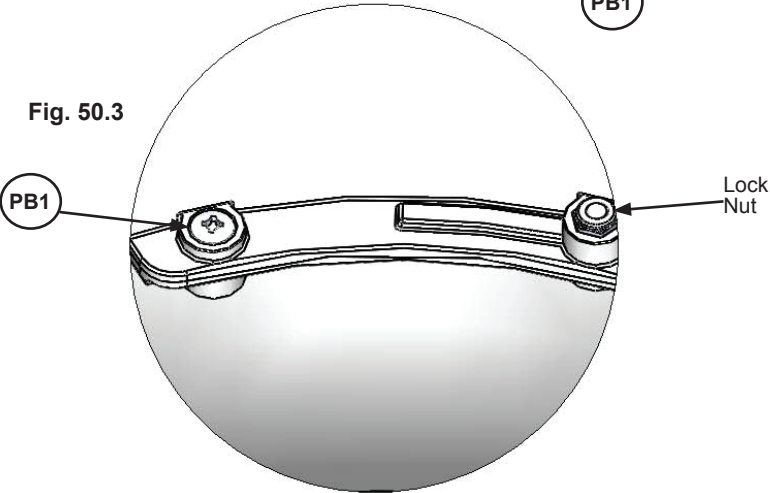


Fig. 50.3



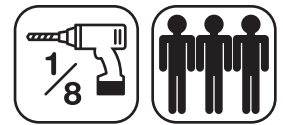
Hardware

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 51: Attach Flange Assembly to Fort



A: With a helper place the Flange Assembly flush to the Crowsnest on the fort as shown in fig. 51.1 and 51.2, then pre-drill 1/8" pilot holes in the bottom 4 mounting locations on (223) Crowsnest Slide Top (approximate spots where circles are on figure), making sure the pre-drilled holes are a minimum of 1" deep.

B: Attach Flange Assembly to (223) Crowsnest Slide Top Insert using 4 (S7) #12 x 2" Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig.51.1) Make sure the flat surfaces of the Flange Assembly are flush to (222) Crowsnest Front and both sides of (262) Crowsnest Front Spacer as shown in (fig. 51.1 & 51.2 & 51.3)

C: Attach the Flange Assembly flush to (222) Crowsnest Front using 4 (S6) #12 x 1" Pan Screws (with #12 Screw Bezel) as shown in fig. 51.1 and to both 262 Crowsnest Front Spacers using 5 (S6) #12 x 1" Pan Screw per board. (fig. 51.1)

Fig. 51.1
Inside View

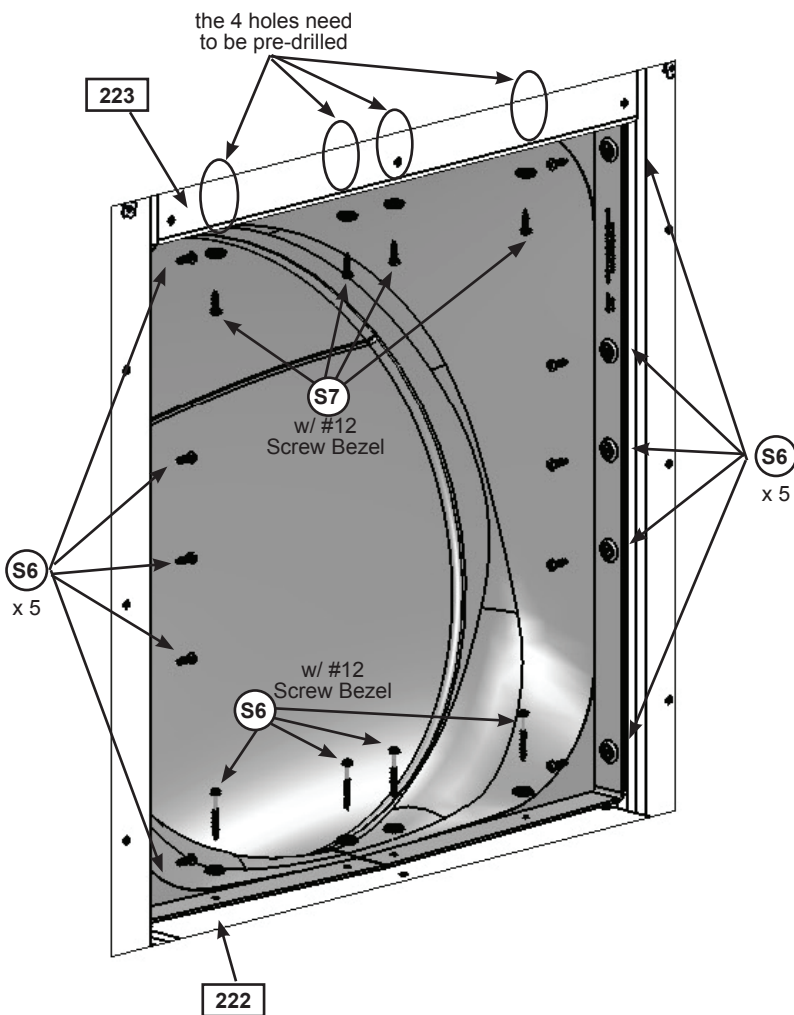


Fig. 51.2
Outside View

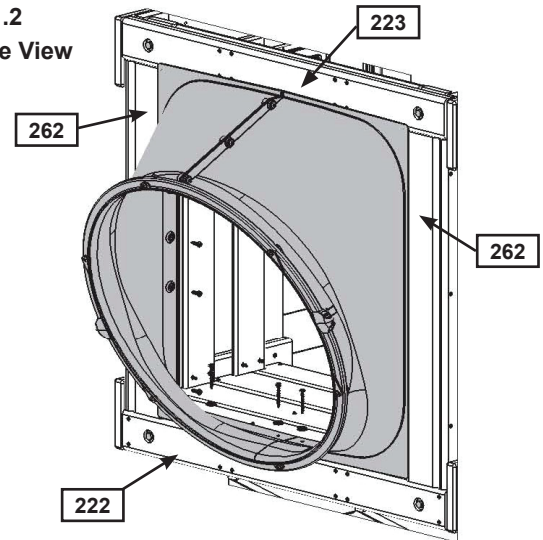
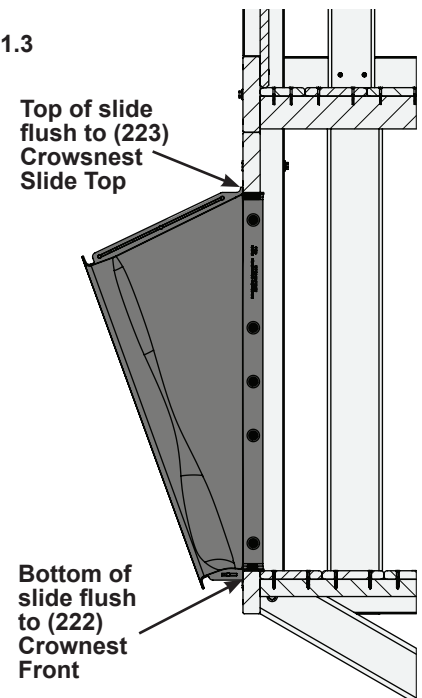


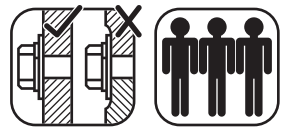
Fig. 51.3



Hardware

- 14 x (S6) #12 x 1" Pan Screw
- 4 x (S7) #12 x 2" Pan Screw
- 8 x (FW6) #12 Screw Bezel

Step 52: Attach Elbow Assembly to Flange Assembly



Note: 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. Attach Elbow Assembly to Flange Assembly using 6 (PB1) $\frac{1}{4}$ x $\frac{3}{4}$ " Pan Bolts and Square Lock Nut. (fig. 52.1, 52.2 and 52.3)

B: Attach one of the Elbow assemblies to another Elbow Assembly making sure to line up the arrows on each assembly. Attach 6 ($\frac{1}{4}$ x 12.7)mm Pan Bolt with Square Lock Nut. Repeat this instruction for 2 more. (fig. 52.2 and 52.3)

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

Fig. 52.1

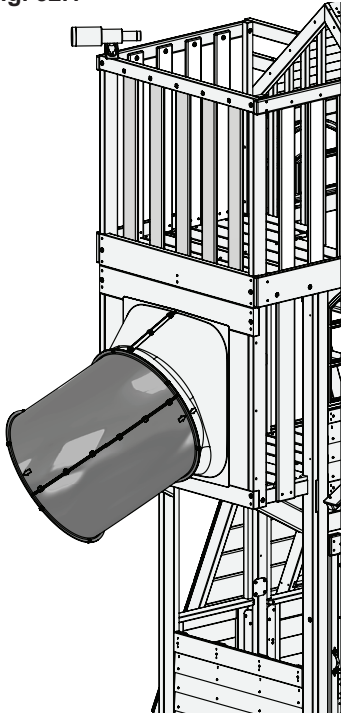


Fig. 52.2
Top Slide Bolt Holes

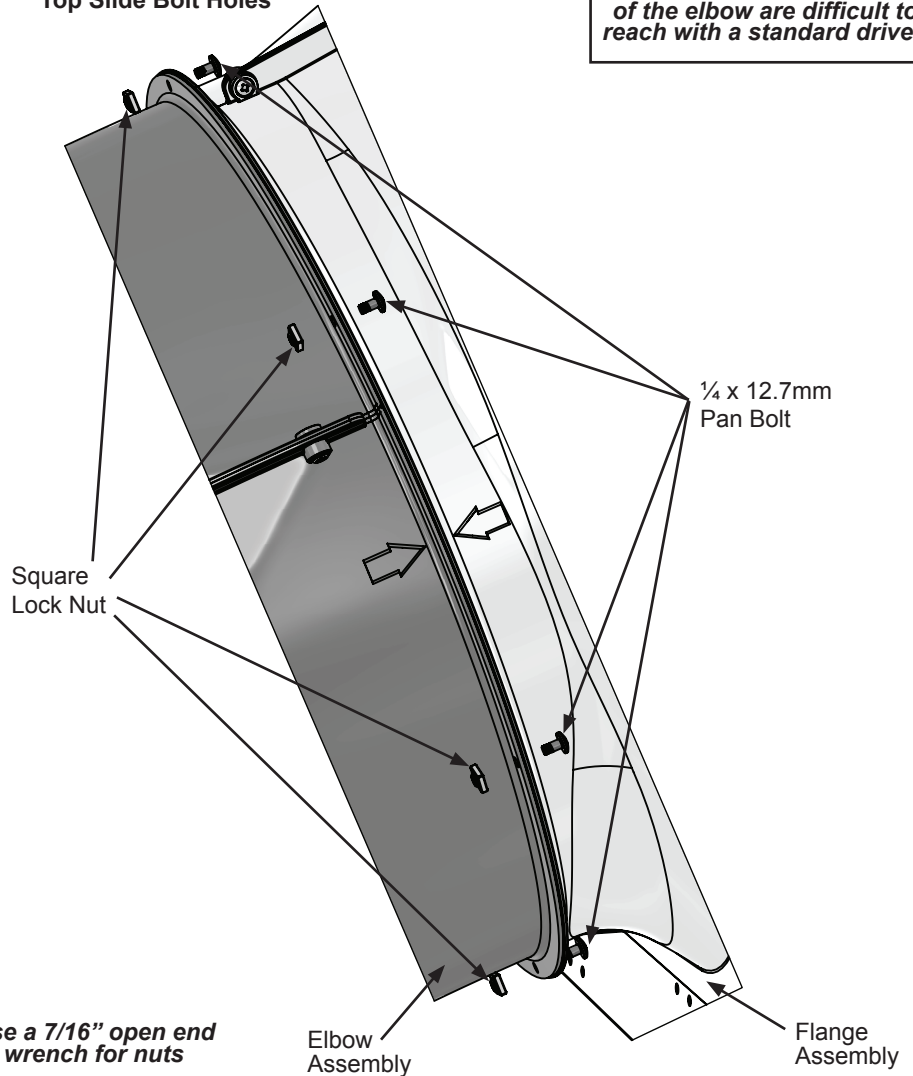
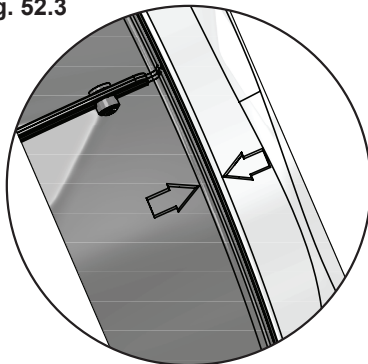


Fig. 52.3



Align each elbow using the molded arrows.

Use a 7/16" open end wrench for nuts

Other Parts

1 x Quadrex Driver
24 x $\frac{1}{4}$ x 12.7mm Pan Bolt
24 x $\frac{1}{4}$ " Square Lock Nut

Step 53: Attach TNR 3 Slide Exit to Elbow Assembly



A: Insert flange of Exit Elbow Assembly (slide elbow) into the slots on TNR3 Short Exit. (fig. 53.1)

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. 53.2 and 53.3)

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.

Fig. 53.1

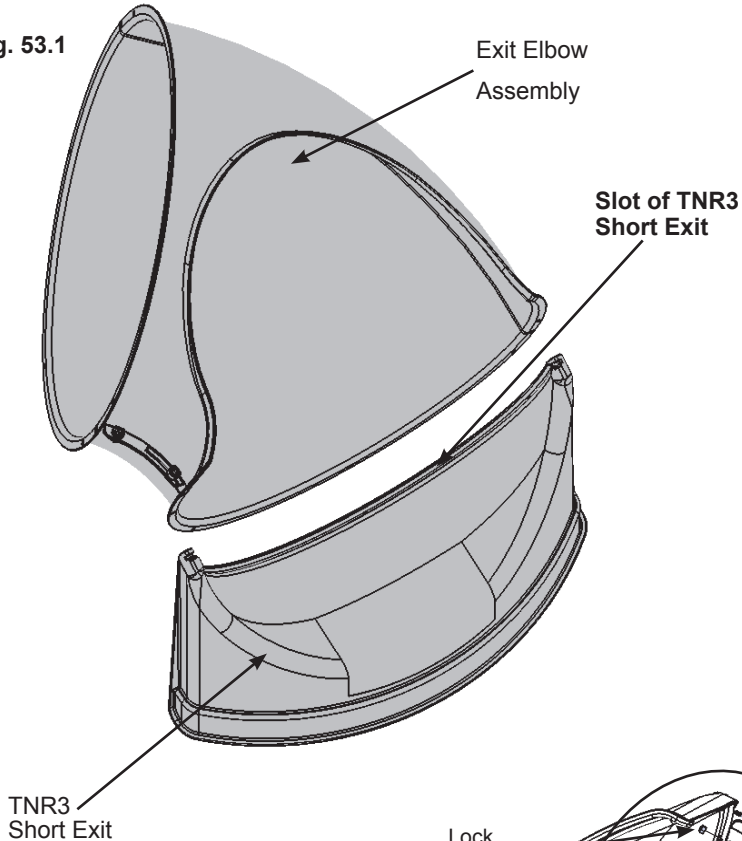


Fig. 53.2

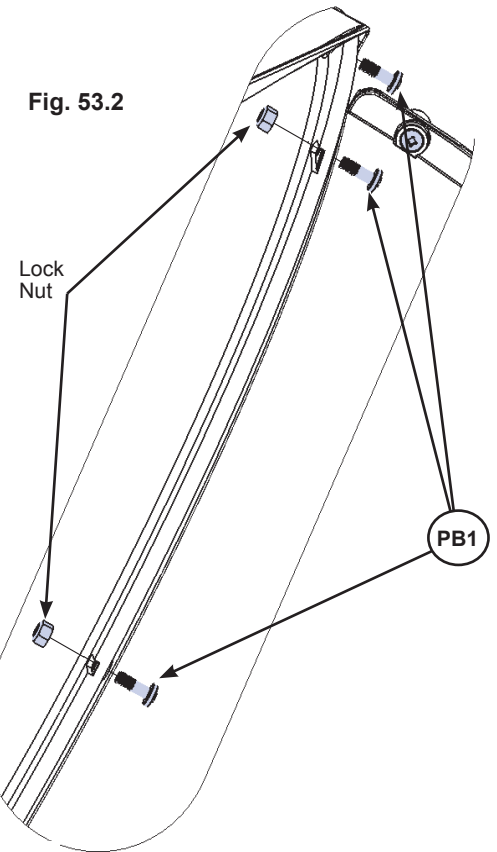
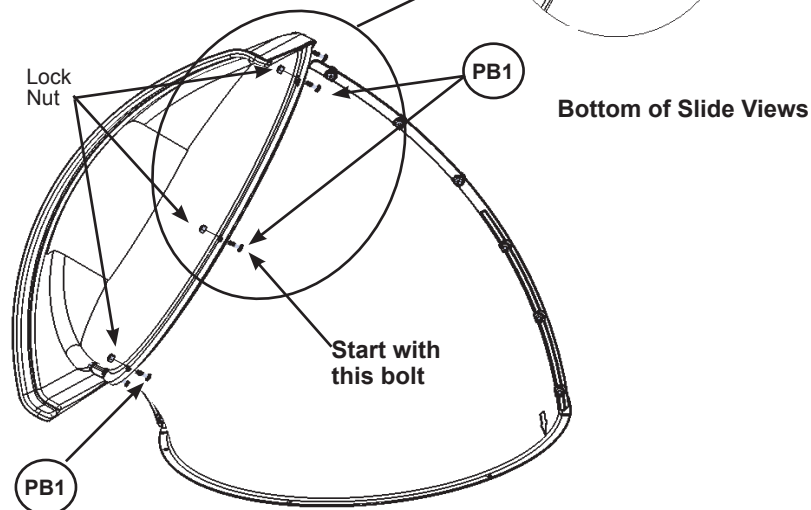


Fig. 53.3



Hardware

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

Other Parts

1 x TNR3 Short Exit

Step 54: Attach Exit End Assembly to Fort



A: Fit the Exit End Assembly to the last Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 54.1). Attach with 6 (1/4 x 12.7)mm Pan Bolts and Square Lock Nuts. (fig. 54.2)

Fig. 54.1

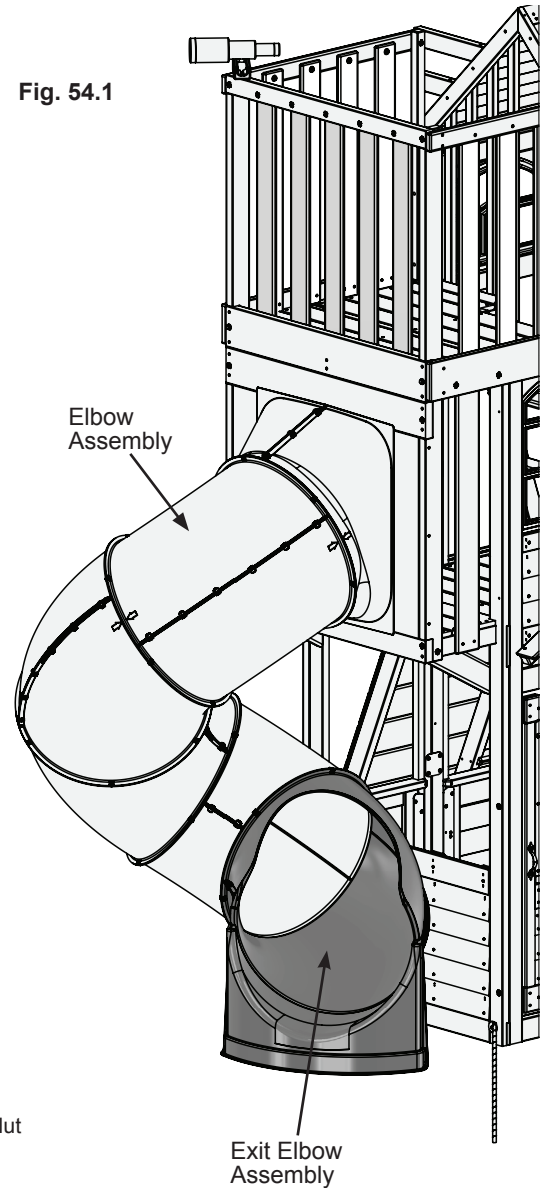
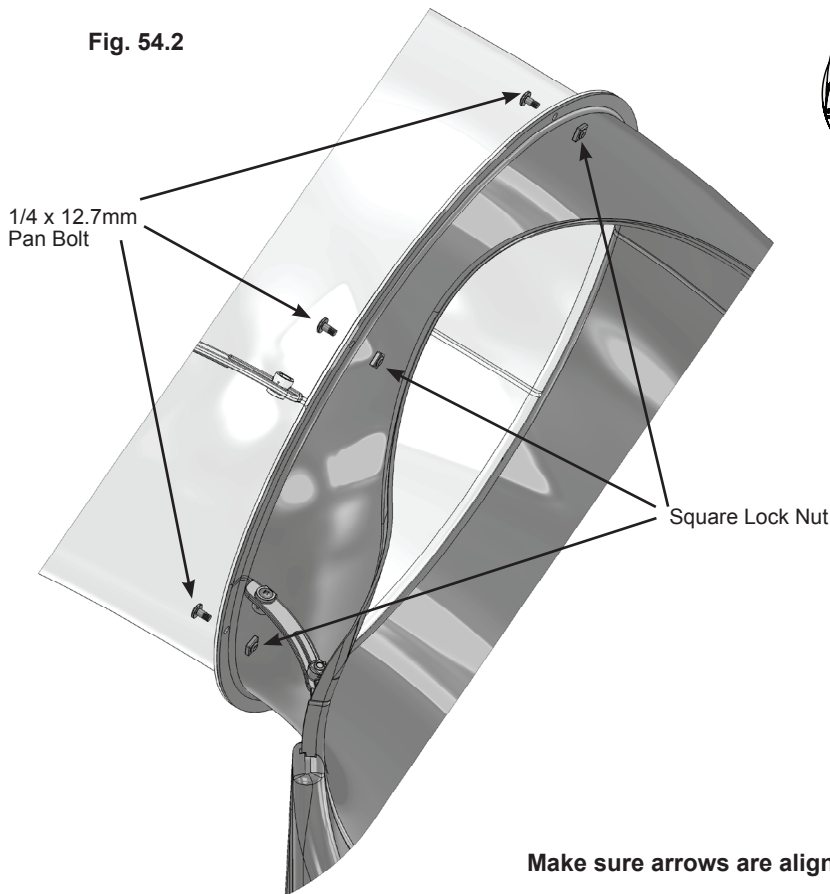


Fig. 54.2



Make sure arrows are aligned

Other Parts

6 x 1/4" x 12.7mm Pan Bolt
6 x 1/4" Square Lock Nut

Step 55: Attach TNR 4 Clamp Rings

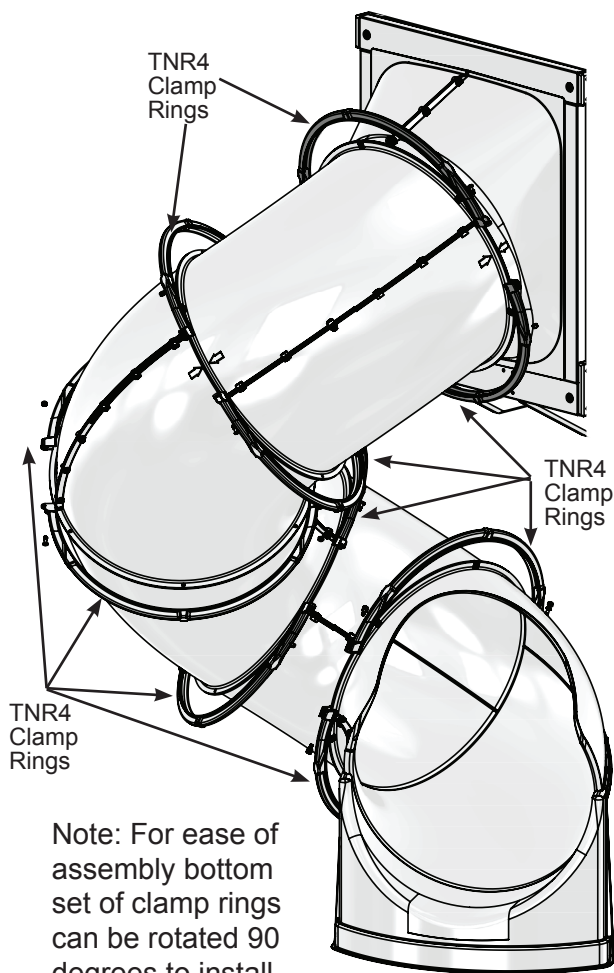


A: Place 2 TNR4 Clamp Rings around each joint making sure to match the arrows with the end of the Clamp Ring as shown in (fig. 55.1 & 55.2).

B: Connect TNR4 Clamp Rings in 2 spots using 1 (PB6) 1/4 x 1" Pan Bolt (with lock nut) per side. (fig. 55.3)

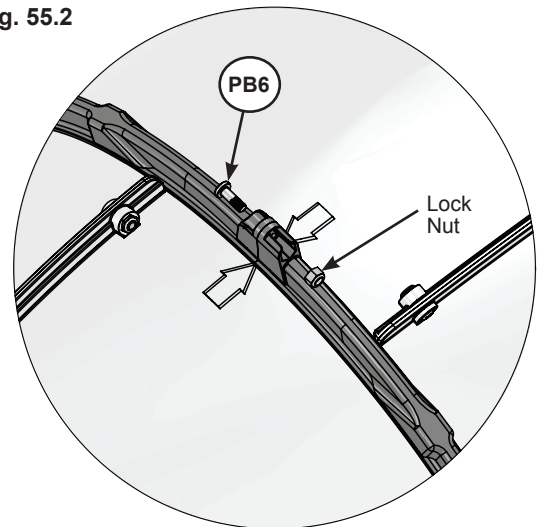
Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess.

Fig. 55.1



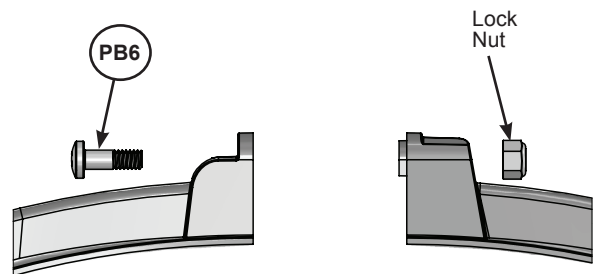
Note: For ease of assembly bottom set of clamp rings can be rotated 90 degrees to install bolts.

Fig. 55.2




Make sure arrows are aligned

Fig. 55.3



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

Hardware

10 x  1/4 x 1" Pan Bolt
(1/4" lock nut)

Other Parts

10 x TNR4 Clamp Ring

Step 56: Attach TNR 3 Slide to Fort



A: On the fourth attached Elbow Assembly remove the pan bolt and nut which is facing the fort (installed in Step 50). (fig. 56.1) The bolt will no longer be needed, but keep the lock nut.

B: Loosely attach TNR3 Tube Support (at the slightly bent end) to the slide seam using 1 (PB6) 1/4 x 1" Pan Bolt (with flat washer and the previously removed lock nut). (fig. 56.2)

C: Rotate TNR3 Tube Support and attach to (060) End Panel using 1 (S6) #12 x 1" Pan Screw as shown in (fig. 56.2).

D: Fully tighten screw and bolt.

Fig. 56.1

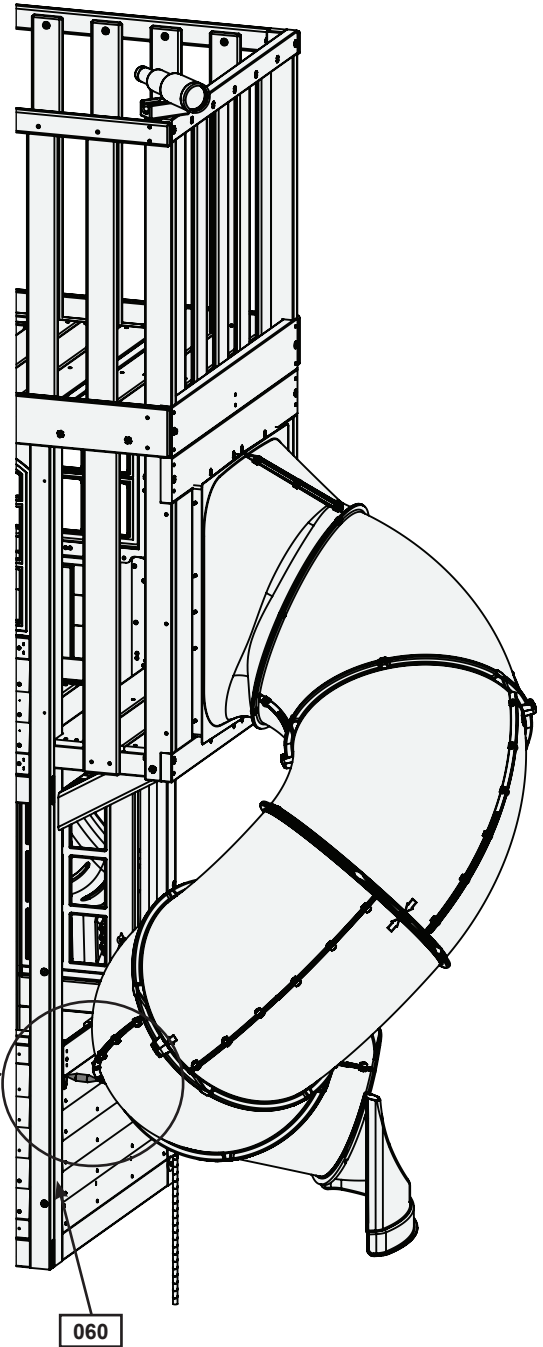
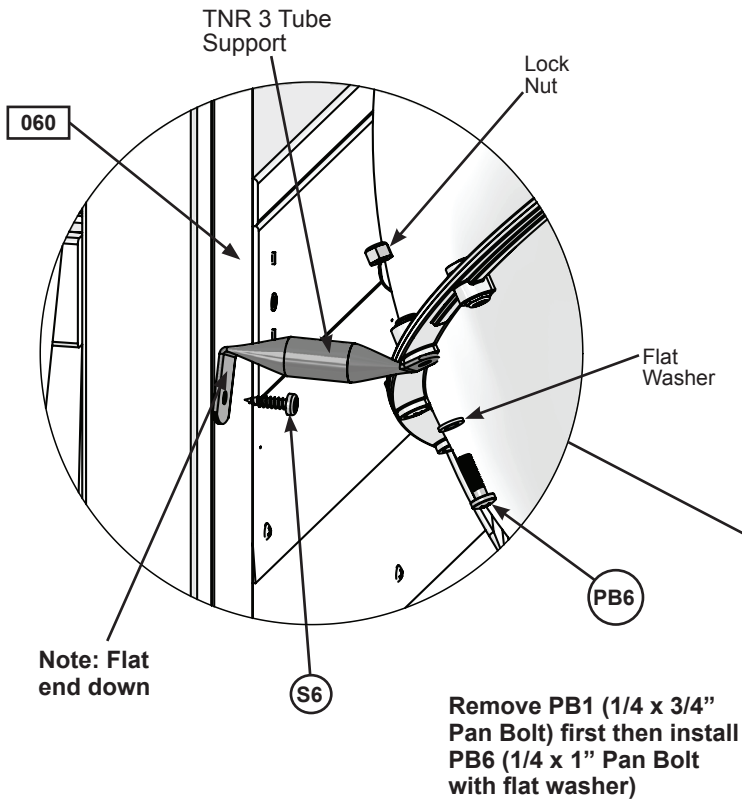


Fig. 56.2



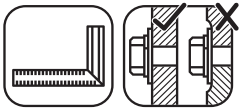
Hardware

- 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)

Other Parts

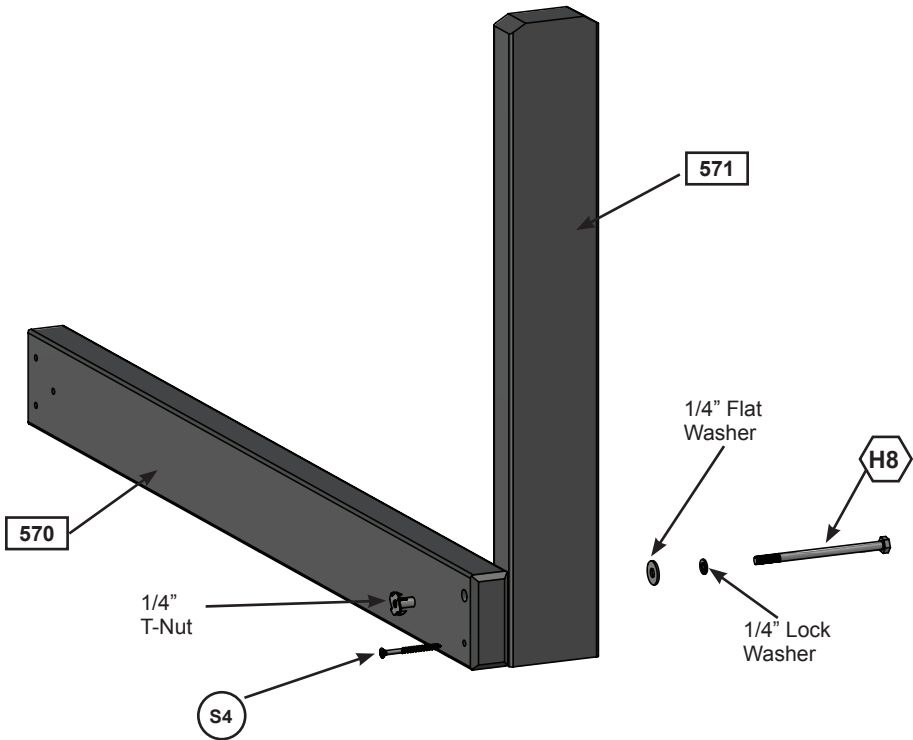
- 1 x TNR3 Tube Support

Step 57: TNR Brace Assembly



A: Attach (571) TNR Upright to (570) TNR Ground Brace with 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole. Make sure both boards are square then attach with 1 (S4) #8 x 3" Wood Screw. (fig. 57.1)

Fig. 57.1



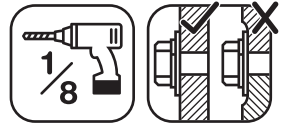
Wood Parts

- 1 x 570 TNR Ground Brace 1-1/4 x 3 x 32-1/4"
- 1 x 571 TNR Upright 1-1/4 x 3 x 13-5/32"

Hardware

- 1 x S4 #8 x 3" Wood Screw
- 1 x H8 1/4 x 4-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 58: Attach Elbow Assemblies and TNR4 Slide



- A:** Place TNR Brace centered over pilot holes of (570) TNR Ground Brace. Attach with 3 (S11) #8 x 2 Wood Screws. (fig. 58.3)
- B:** Place 1 TNR4 Post Mount Clamp on either side of the Clamp Ring so that the bent tops clip in behind the Clamp Ring. (fig. 58.2)
- C:** Insert the TNR4 Post Mount Base in between the 2 Post Mount Clamps and screw all pieces together using 1 $\frac{1}{4}$ x 14.5mm Pan Head Bolt and Square Nylock Nut. (fig. 58.2)
- D:** Attach TNR4 Post Mount Base to (571) TNR Upright, pre-drill with a $\frac{1}{8}$ " drill bit then attach with 2 (S6) #12 x 1" Pan Screws. (fig. 58.2)
- E:** Attach the Post Mount Clamp to the clamp ring using 1 (S37) #7 x $\frac{5}{8}$ " Pan Screw. (fig. 58.2)

Fig. 58.1

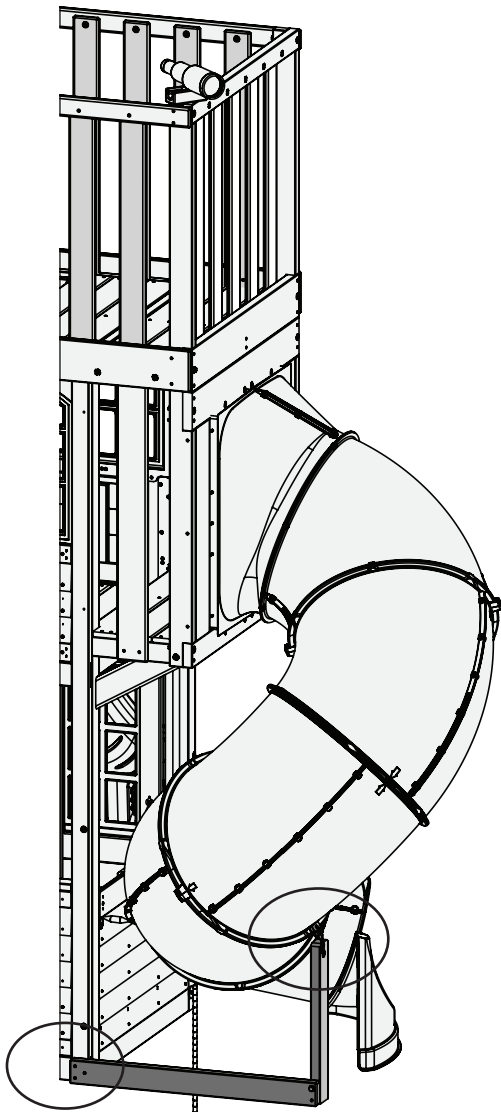


Fig. 58.2

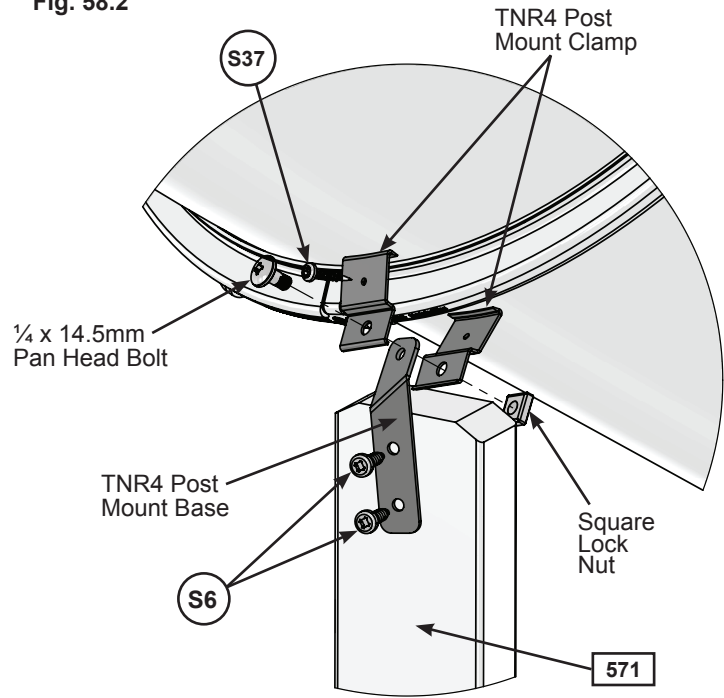
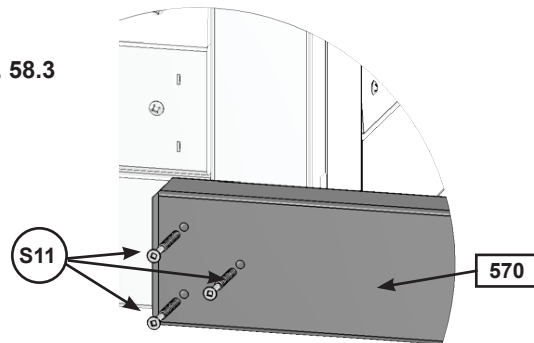


Fig. 58.3



Hardware

- 2 x (S6) #12 x 1" Pan Screw
- 3 x (S11) #8 x 2" Wood Screw
- 1 x (S37) #7 x $\frac{5}{8}$ " Pan Screw

Other Parts

- 2 x TNR4 Post Mount Clamp
- 1 x TNR 4 Post Mount Base
- 1 x $\frac{1}{4}$ x 14.5 mm Pan Head Bolt
- 1 x Square Lock Nut

Step 59: Attach Ground Stake to TNR Upright



A: In the spot shown in fig. 59.1 drive 1 Rebar Ground Stake 13" into the ground against the (570) TNR Ground Brace. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off.

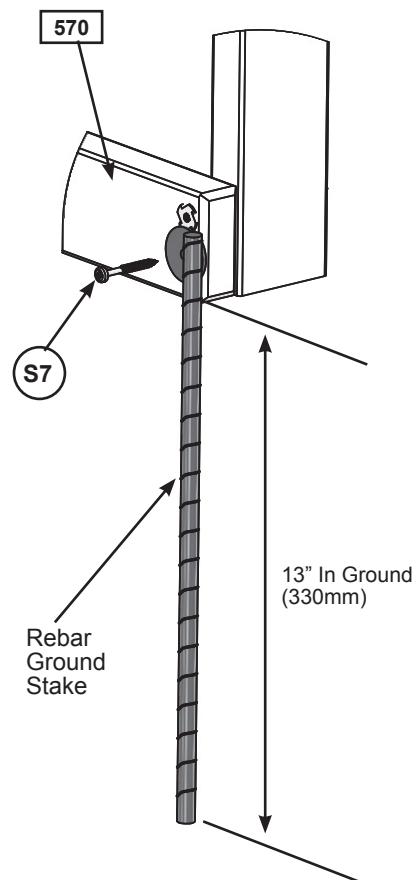
B: Attach the ground stake to (570) TNR Ground Brace just below the bolt head using 1 (S7) #12 x 2" Pan Screw as shown in fig. 59.1.

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



Warning! To prevent tipping and avoid potential injury, stakes must be driven 13" (330mm) into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 59.1



Hardware

1 x (S7) #12 x 2" Pan Screw

Other Parts

1 x Rebar Ground Stake

Step 60: Assemble Rock Wall

Part 1

A: In the locations shown in fig. 60.1, 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. 60.1 & 60.2)

The Pan Screw is placed in the hole beneath the Pan Bolt. (fig. 60.2)

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

Fig. 60.1

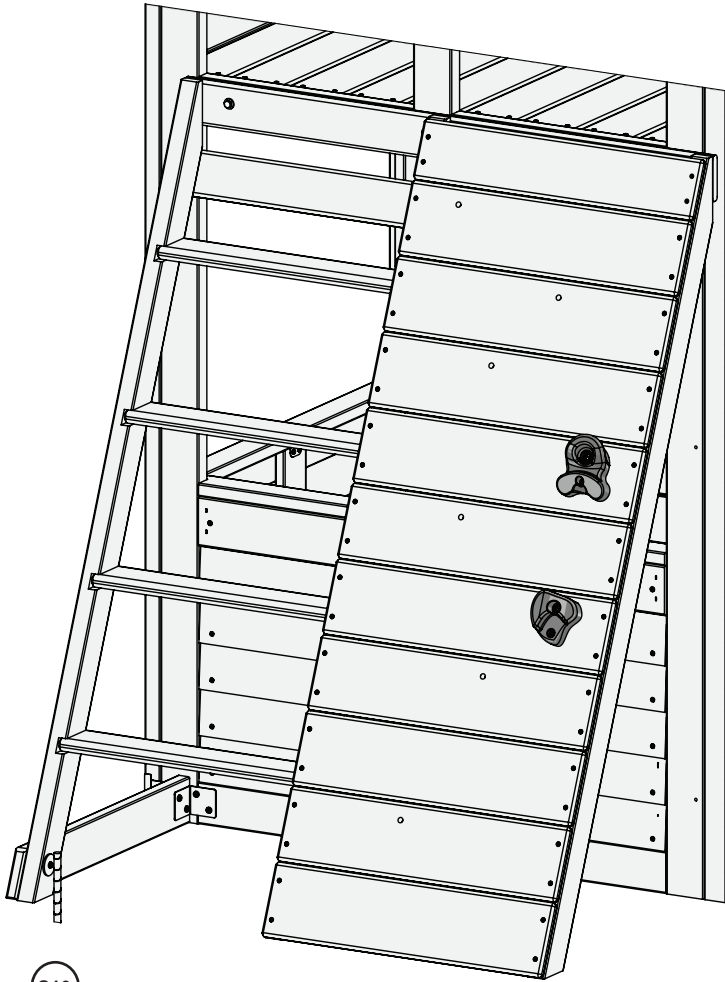
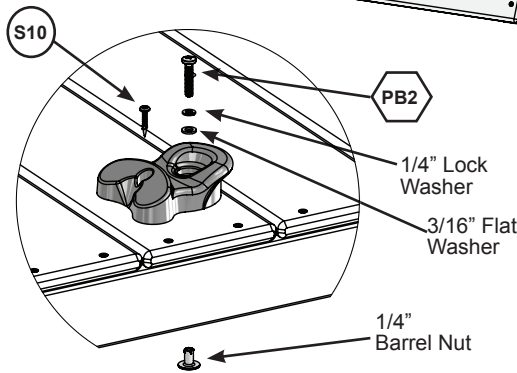


Fig. 60.2



Hardware

- 2 x PB2 1/4 x 1-1/4 Pan Bolt
(1/4" lock washer, 3/16" flat washer & 1/4" barrel nut)
- 2 x S10 #8 x 1" Pan Screw

Other Parts

- 1x Rock A
- 1x Rock B

Step 60: Assemble Rock Wall Part 2



B: In the locations shown in (fig.60.6) loosely attach Pinch Rock, Pocket Rock and Crater Rocks with 1 (PB2) $\frac{1}{4}$ x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) per rock.

C: Hold each rock in place and mark the hole locations for all remaining bolts. Move rocks out of the way and pre-drill each marked hole location with a $\frac{3}{8}$ " drill bit.

D: Secure each rock using the required number of (PB2) $\frac{1}{4}$ x 1-1/4" Pan Bolts (with lock washer, flat washer and barrel nut) and tighten all hardware. (Fig. 60.3 & 60.4 & 60.5 & 60.6)

Fig. 60.3

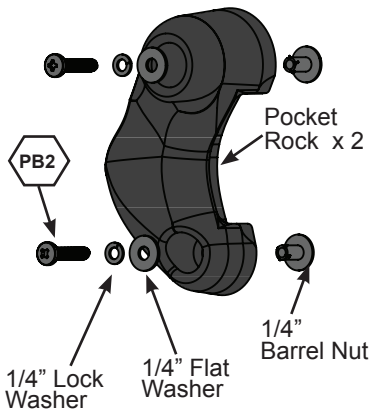


Fig. 60.4

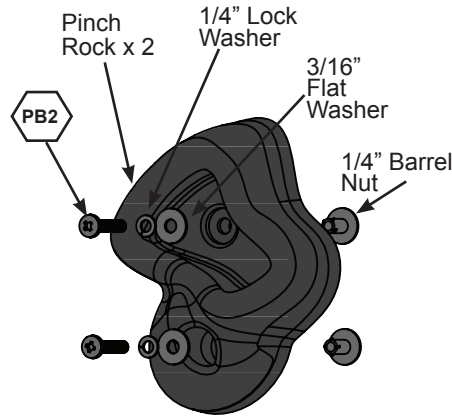


Fig. 60.5

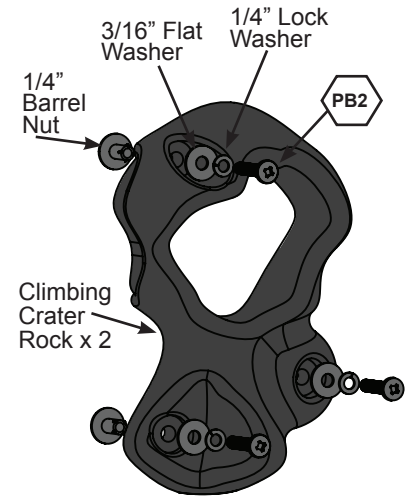
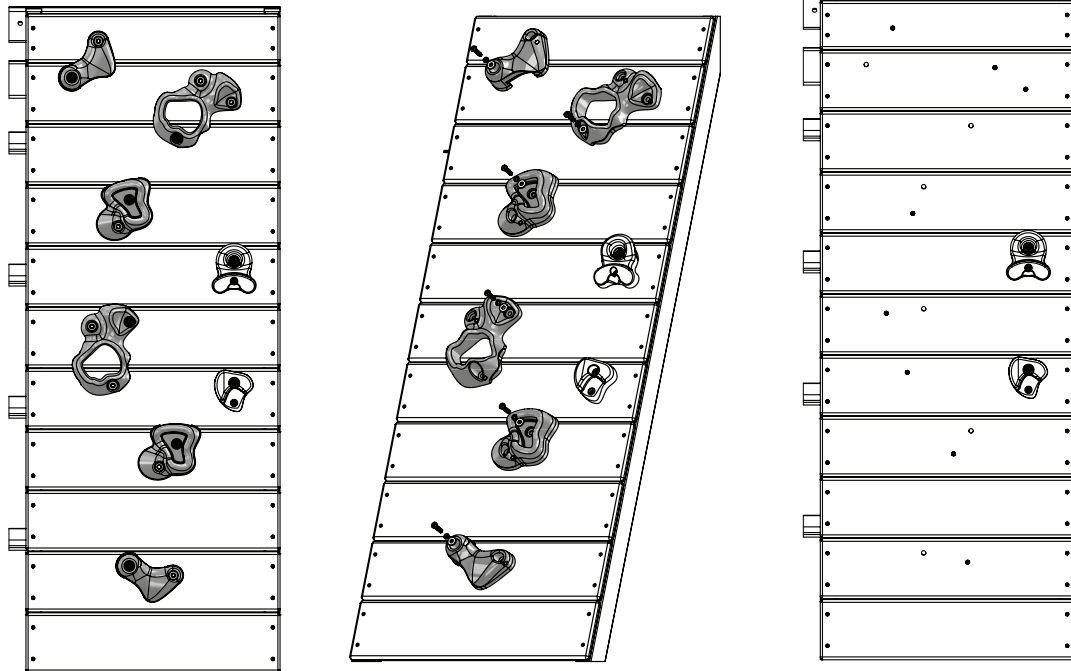



Fig. 60.6



Hardware

14 x  $\frac{1}{4}$ x 1-1/4" Pan Bolt
(1/4" lock washer, 3/16" flat washer & 1/4" barrel nut)

Other Parts

2 x Pocket Rock
2 x Pinch Rock
2 x Climbing Crater Rock

Step 61: Attach Steel Hand Grips to Fort



A: Measure 6" (152mm) from the top of (025) RW/AL Support on (073) Back Wall Panel in the 2 places shown below, pre-drill with a 1/8" drill bit then attach 2 Steel Hand Grips with 2 (WL3) 1/4 x 1-3/8" Wafer Lag (with flat washer) per Steel Hand Grip. (fig. 61.1 & 61.2)

Fig. 61.1

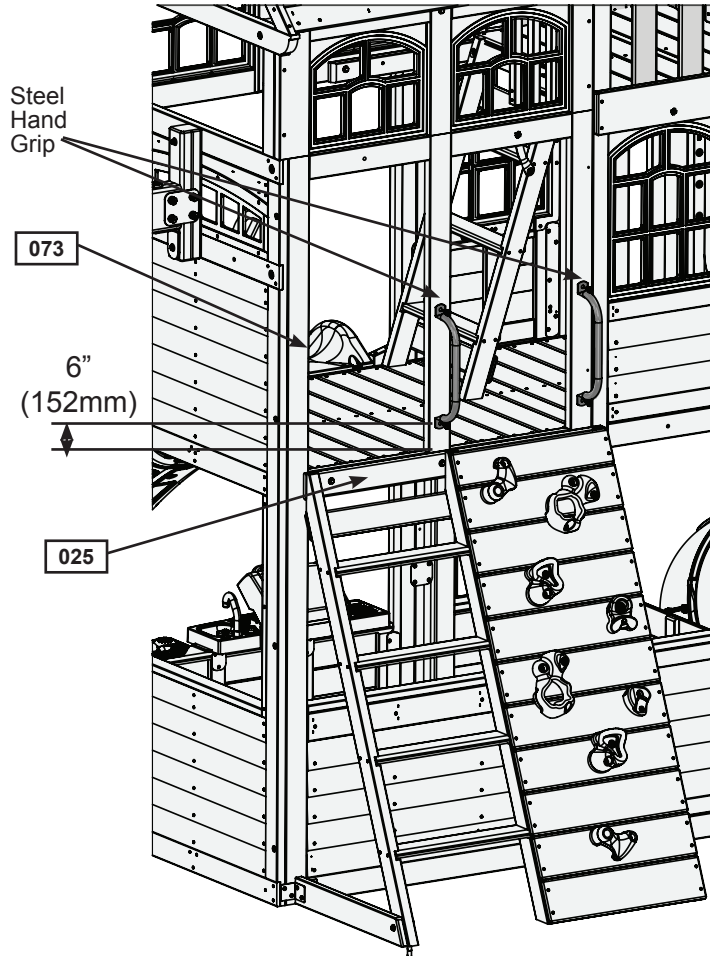
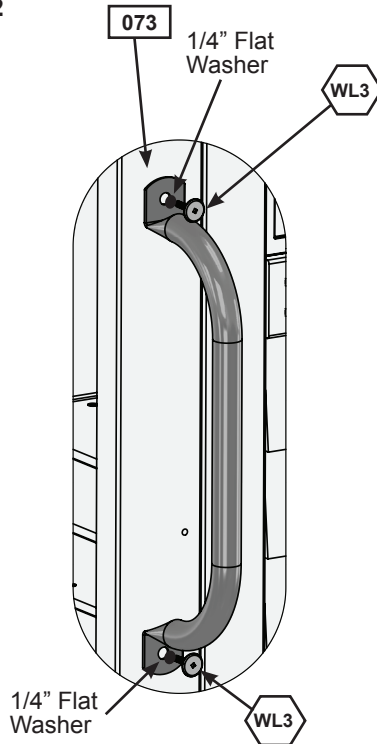


Fig. 61.2



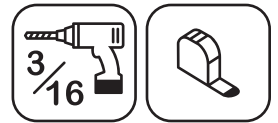
Hardware

4 x 1/4 x 1-3/8" Wafer Lag
(1/4" flat washer)

Other Parts

2 x Steel Hand Grip

Step 61: Attach Steel Hand Grips to Fort Part 2



B: Place EN71 Hand Rail so the top is flush to the inside edge of (073) Back Wall Panel and the bottom is centred on (021) Left Access. Pre-drill holes using a 3/16" (4.8 mm) drill bit then attach EN71 Hand Rail using 2 (WL3) 1/4 x 1-3/8" Wafer Lags (with flat washer). (fig. 61.3, 61.4 and 61.5)

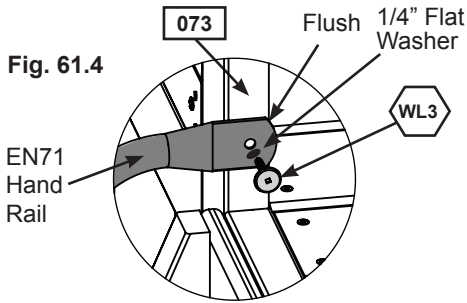
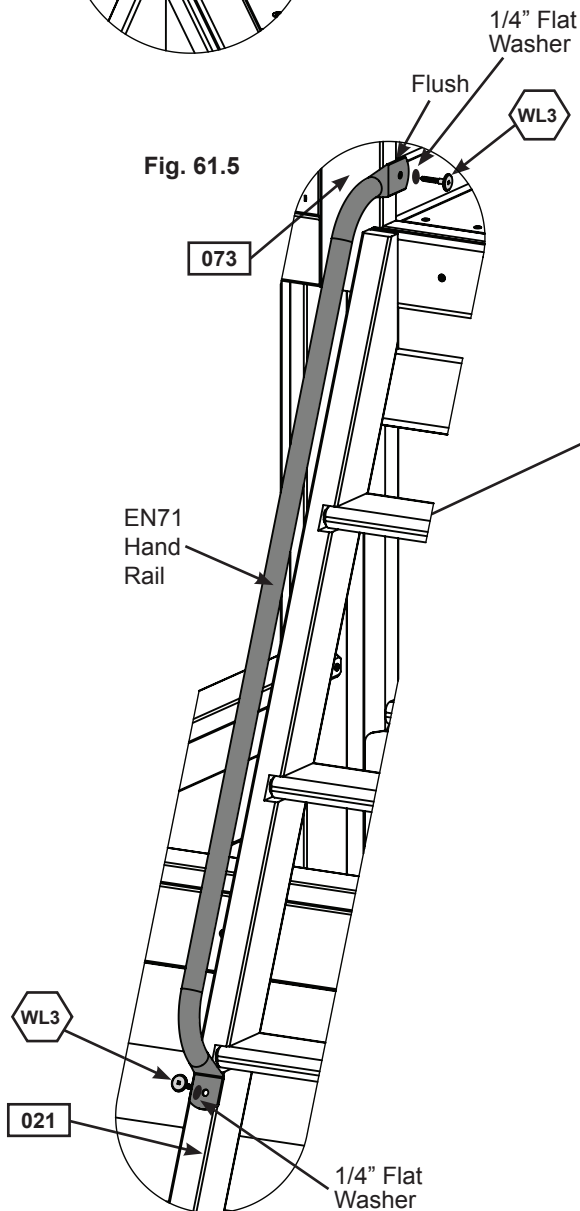
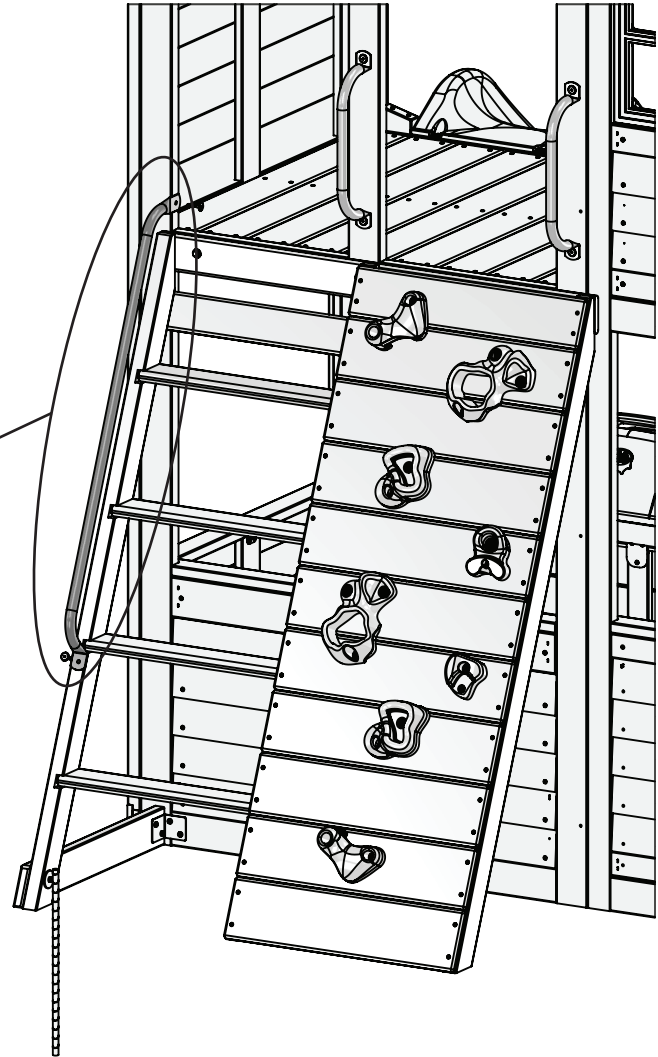


Fig. 61.3



Hardware

2 x 1/4 x 1-3/8" Wafer Lag
(1/4" flat washer)

Other Parts

1 x EN71 Hand Rail

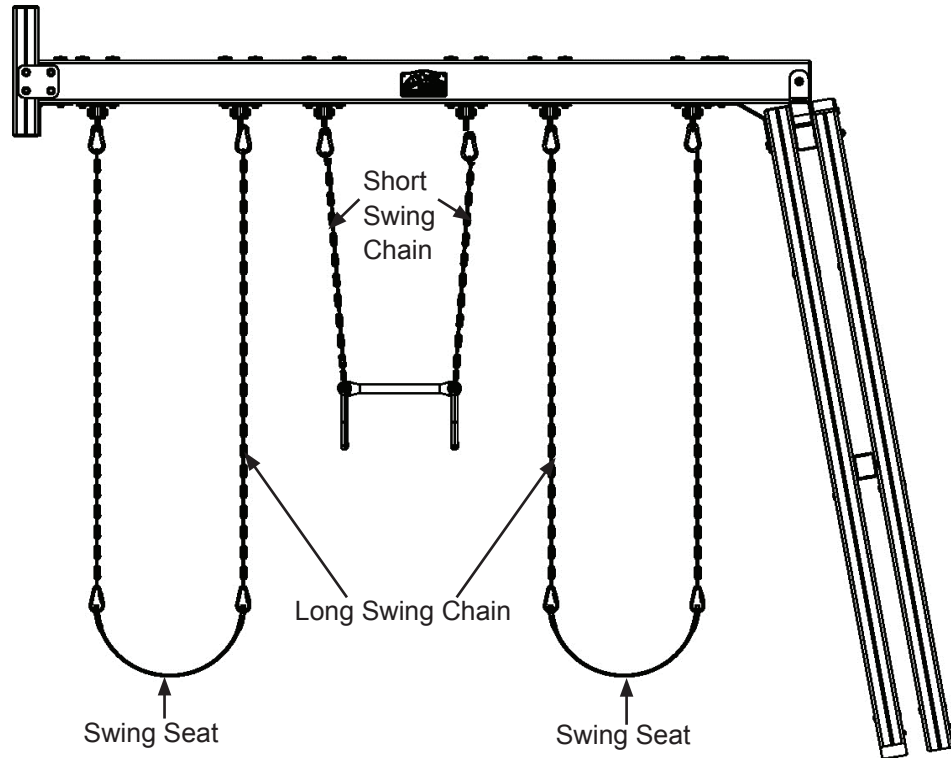
Step 62: Attach Swings

A: Using 1 Threaded Quick Link per chain, join 1 Long Swing Chain to each side of the Swing Belt Seat. Make sure to close the Threaded Quick Link tightly using an adjustable wrench. (fig. 62.1 and 62.2).

B: Using 1 Threaded Quick Link per chain, join the Short Swing Chain to the Acro Bar and Acro Handle. Make sure to close the Threaded Quick Link tightly using an adjustable wrench. (fig. 62.2 and 62.3)

C: Attach the other end of the swing chains to the Spring Loaded Quick Links attached to the Heavy Duty Swing Hangers. (fig. 62.1)

Fig. 62.1



Caution: Threaded Quick Links must be installed with the gate completely down covering the threads and tighten as instructed. (fig. 62.2)

Fig. 62.2

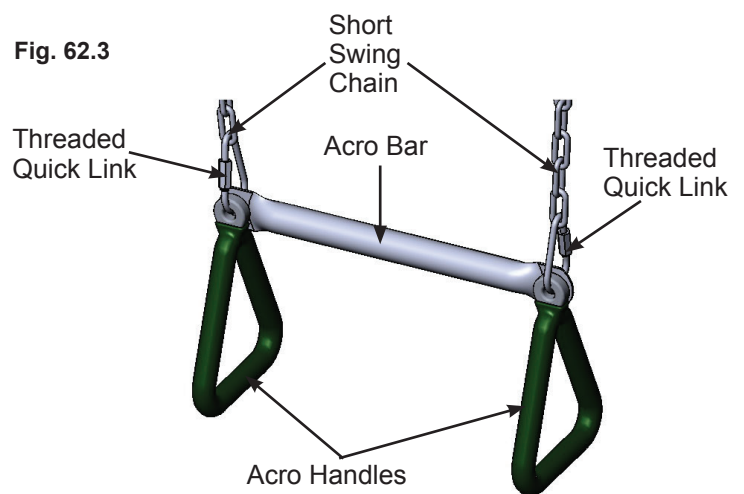


Threaded Quick Links attach to seat and Acro bar.



Tighten Threaded Quick Link using adjustable wrench

Fig. 62.3



Other Parts

1 x Acro Bar
2 x Acro Handle
2 x Swing Belt Seat
2 x Short Swing Chain
4 x Long Swing Chain
6 x Threaded Quick Link

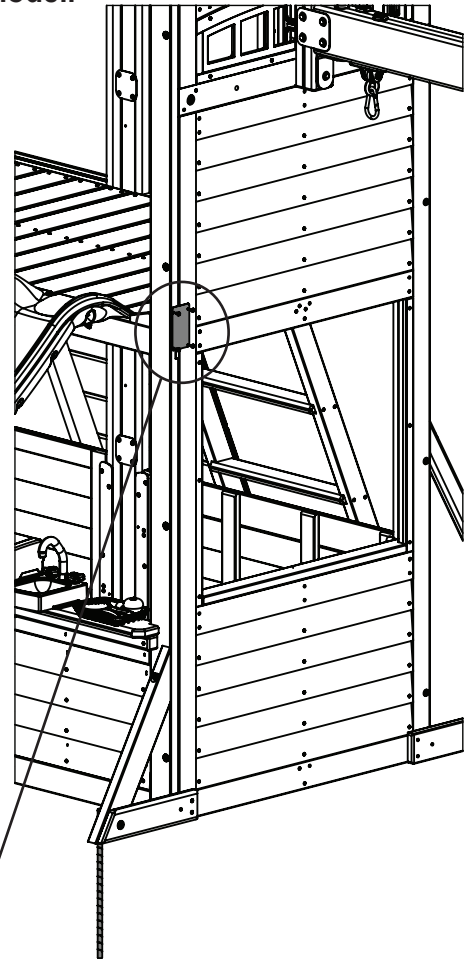
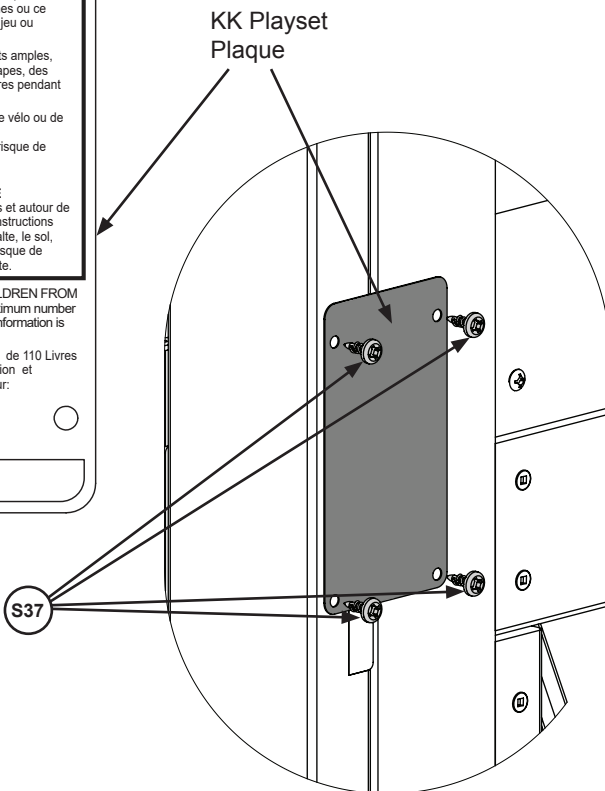
Final Step: Attach I.D. Plaque

ATTACH THIS WARNING & I.D. PLAQUE TO THIS LOCATION ON YOUR PLAY EQUIPMENT!

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.



A: Attach KK Playset Plaque to a location on your set that is easily seen and read by a supervising adult using 4 (S37) #7 x 5/8" Pan Screws as shown below.



Hardware

4 x **S37** #7 x 5/8" Pan Screw

Other Parts

1 x KK Playset Plaque

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings present.

CEDAR SUMMIT
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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Attention: Customer Service



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

CUT ALONG LINE

