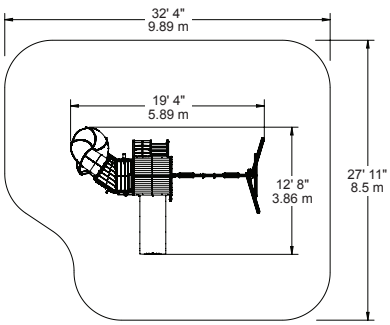
LOOKOUT EXTREME PLAYSET F25745

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' 4" x 27'11" (9.89 x 8.5 m) area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 6' 7" (2.01 m)

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.

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

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Warnings and Safe Play Instructions

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

WARNING

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

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

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

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

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

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

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

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

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

WARNING – Safe Play Instructions

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

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

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

Loose-Fill Materials

- Maintain a minimum depth of 9 inches (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

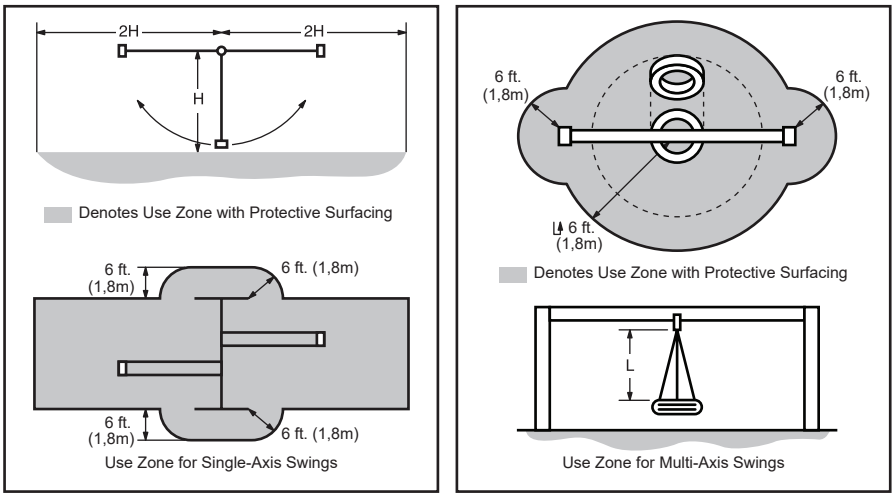
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

- 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/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM F1292 *Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment*. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height - vertical distance between a designated play surface (*elevated surface for standing, sitting, or climbing*) and the protective surfacing below - of your play equipment.
- Check the protective surfacing frequently for wear.

Placement

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

- Extend surfacing at least 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.



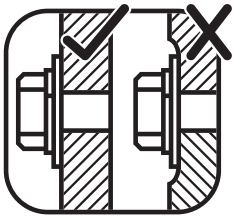
From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

Instructions for Proper Maintenance

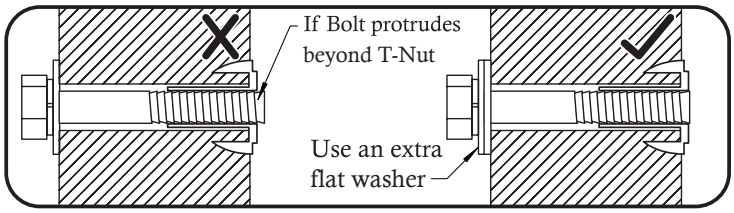
Your KidKraft Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain it.

Check the following at the beginning of the play season:

HARDWARE:



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



SHOCK ABSORBING SURFACING:

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

GROUND STAKES (ANCHORS):

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

SWING HANGERS:

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

SWINGS, ROPES AND RIDES:

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

WOOD PARTS:

- ✓ Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal.
- ✓ 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	Product Age (All Parts)	Consumer Pays
	0-90 Days from date of purchase	$0 for Part + Free Shipping

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	Product Age (All Parts)	Consumer Pays
	91 Days to 1 Year	$0 for Part + Free Shipping

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	Product Age (Wood Parts)	Consumer Pays
	0 Days to 1 Year	$0 for Part + Free Shipping
	After 1 Year to 5 Year	$0 for Part + Shipping & Handling
	Over 5 Years	100% for Part (if available) + Shipping & Handling

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.

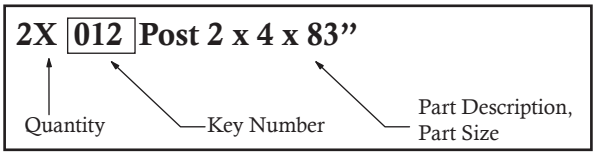
This product is warranted for **RESIDENTIAL USE ONLY.** Under no circumstance should a KidKraft product be used in public settings such as schools, churches, playgrounds, parks, home and professional day cares and the like. Such use may lead to product failure and potential injury. Public use will void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

Keys to Assembly Success

Tools Required

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

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



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

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

Use Help

Use Help

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

Measure Distance

Check that assembly is square before tightening bolts.

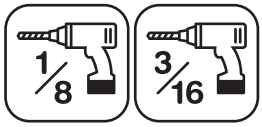
Use a measuring tape to assure proper location.

Square Assembly

Check that set or assembly is properly level before proceeding.

Use Level

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



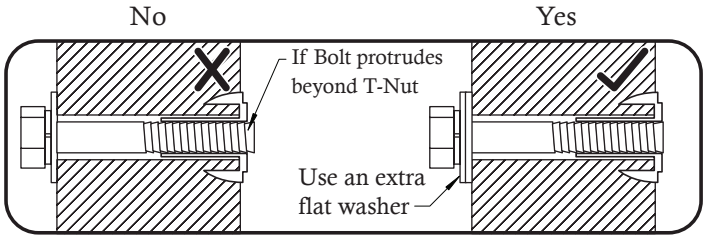
Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

Tighten Bolts

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

CAUTION – Protrusion Hazard

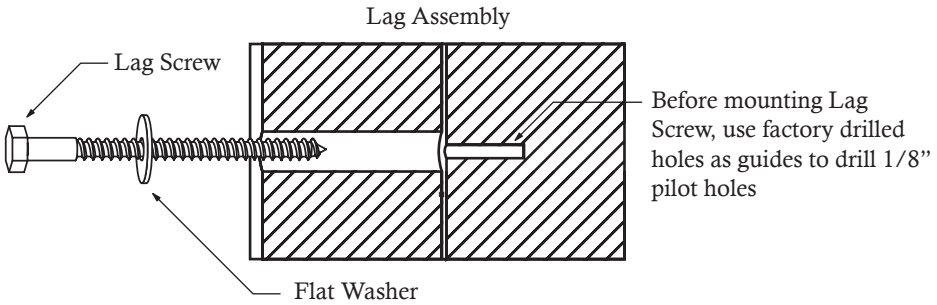
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.

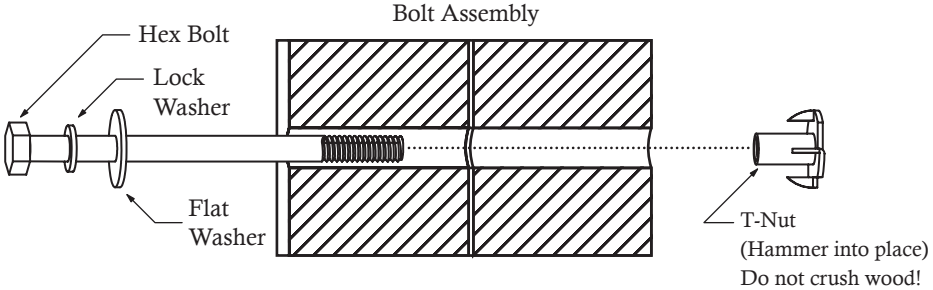


Proper Hardware Assembly
Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

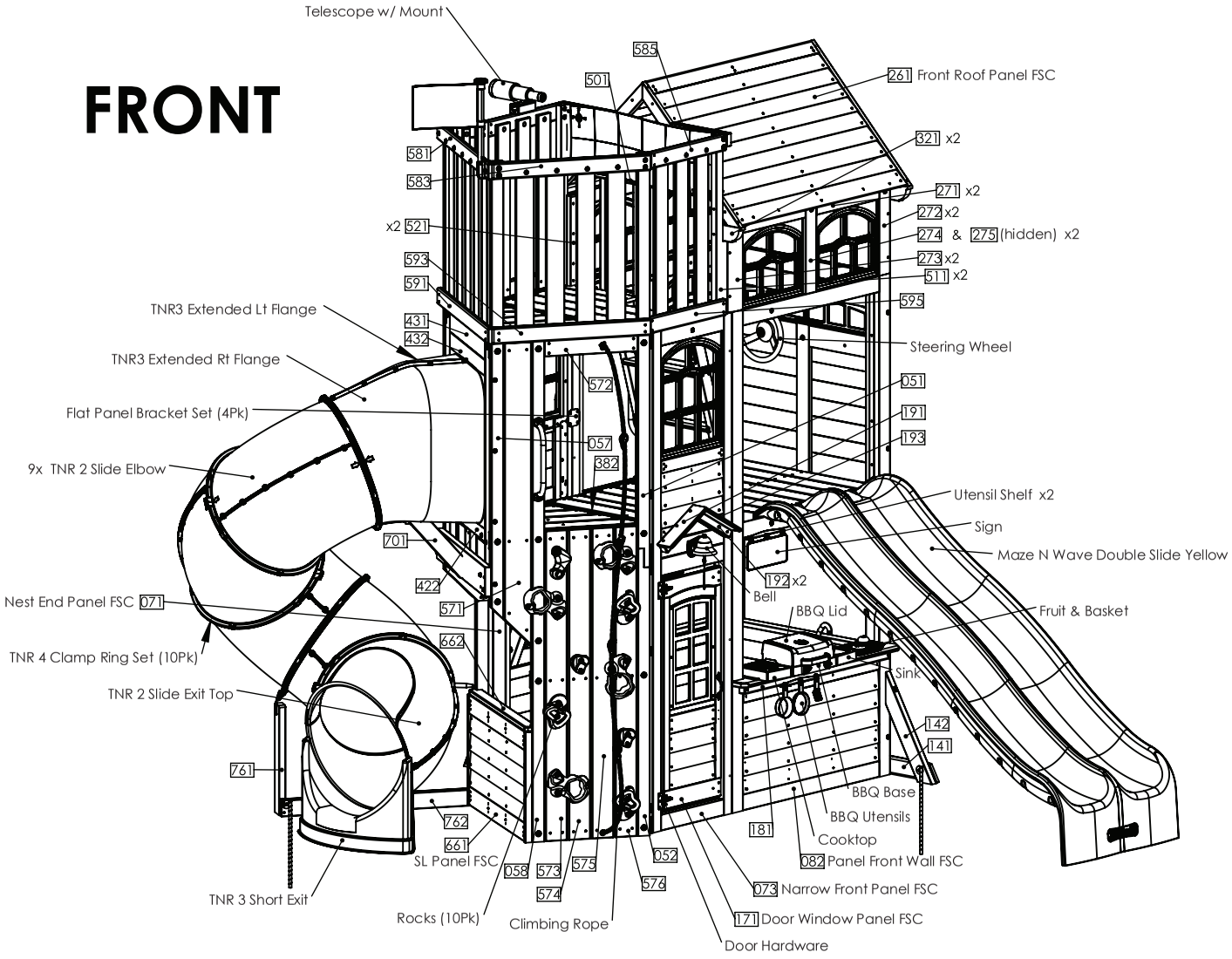
For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

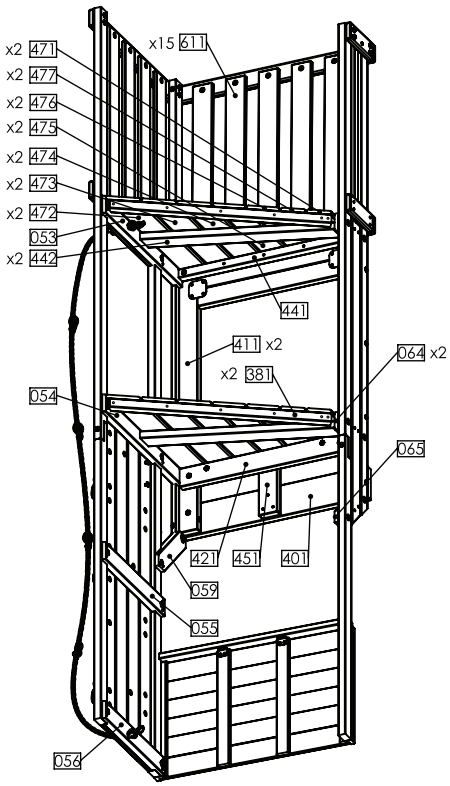
Note: Wafer head bolts with blue lock tight or a bolt with a Ny-Lok nut do NOT require a lock washer.



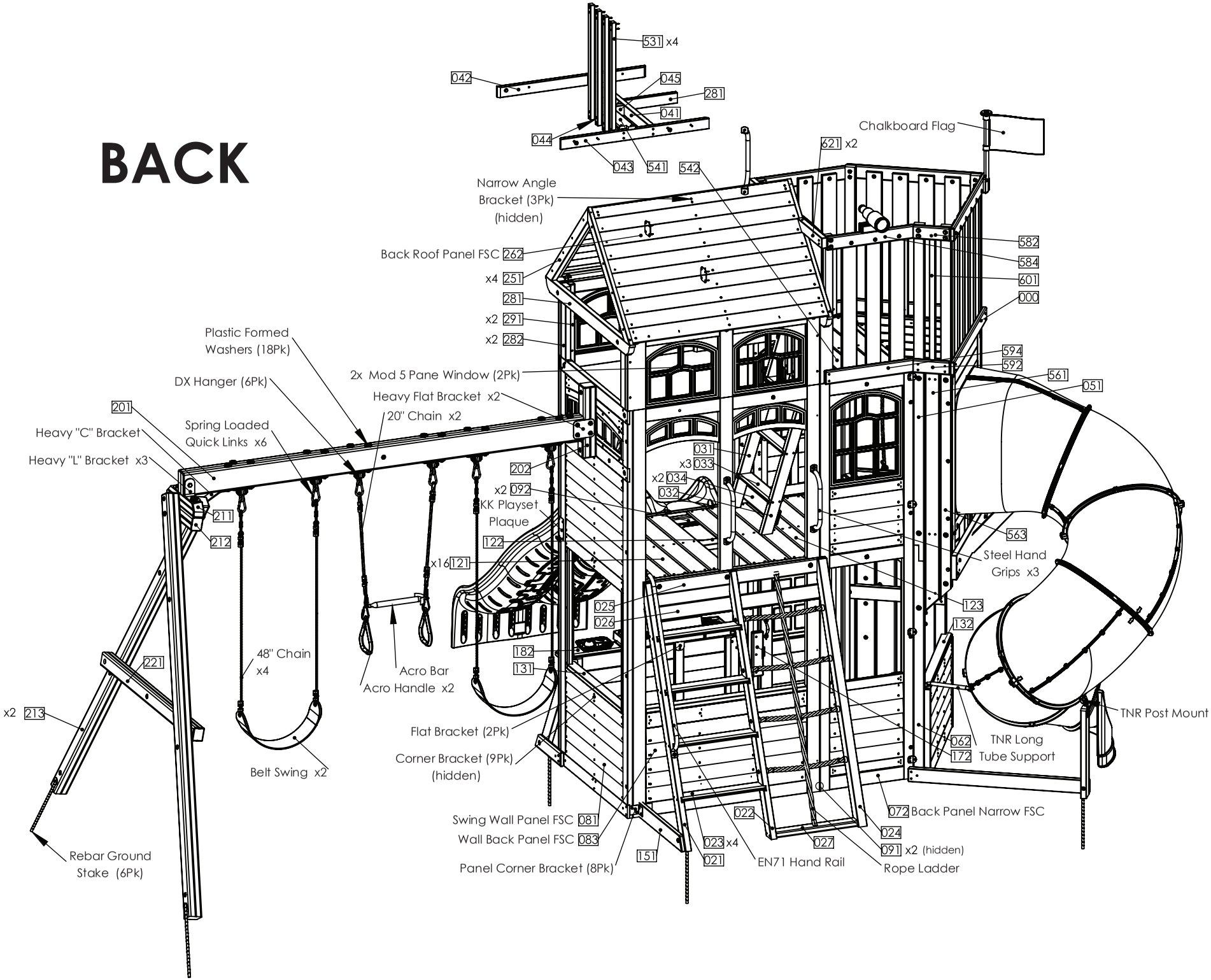


FRONT


Telescope w/ Mount
585
501
261 Front Roof Panel FSC
321 x2
581
583
271 x2
272 x2
x2 521
274 & 275 (hidden) x2
593
273 x2
591
511 x2
595
TNR3 Extended Lt Flange
431
432
Steering Wheel
TNR3 Extended Rt Flange
572
051
Flat Panel Bracket Set (4Pk)
191
057
193
9x TNR 2 Slide Elbow
382
Utensil Shelf x2
Sign
701
Maze N Wave Double Slide Yellow
192 x2
Bell
422
BBQ Lid
Fruit & Basket
Nest End Panel FSC 071
571
662
TNR 4 Clamp Ring Set (10Pk)
Sink
TNR 2 Slide Exit Top
142
141
761
BBQ Base
762
BBQ Utensils
181
661
Cooktop
SL Panel FSC
058
573
575
052
082 Panel Front Wall FSC
574
576
073 Narrow Front Panel FSC
TNR 3 Short Exit
171 Door Window Panel FSC
Rocks (10Pk)
Climbing Rope
Door Hardware

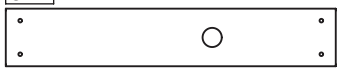

x15 611
x2 471
x2 477
x2 476
x2 475
x2 474
x2 473
x2 472
053
x2 442
441
411 x2
064 x2
x2 381
054
065
421
451
401
059
055
056

BACK


531 x4
042
045
281
041
044
043
541
542
621 x2
Chalkboard Flag
Narrow Angle Bracket (3Pk) (hidden)
Back Roof Panel FSC 262
x4 251
281
x2 291
x2 282
582
584
601
000
Plastic Formed Washers (18Pk)
DX Hanger (6Pk)
2x Mod 5 Pane Window (2Pk)
Heavy Flat Bracket x2
20" Chain x2
594
592
561
051
201
Heavy "C" Bracket
Heavy "L" Bracket x3
Spring Loaded Quick Links x6
031
x3 033
x2 034
032
202
x2 092
KK Playset Plaque
211
212
122
x16 121
563
Steel Hand Grips x3
025
026
123
132
182
131
48" Chain x4
Acro Bar
Acro Handle x2
221
x2 213
Flat Bracket (2Pk)
Corner Bracket (9Pk) (hidden)
Belt Swing x2
TNR Post Mount
062
172
TNR Long Tube Support
Swing Wall Panel FSC 081
Wall Back Panel FSC 083
Panel Corner Bracket (8Pk)
151
023 x4
021
022
027
EN71 Hand Rail
072 Back Panel Narrow FSC
024
091 x2 (hidden)
Rope Ladder
Rebar Ground Stake (6Pk)

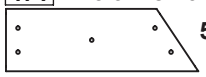
Part Identification (Reduced Part Size)

1pc. - 572 - 15.9 x 76.2 x 436.5mm - Rope Support FSC - Box 2 - 4819262



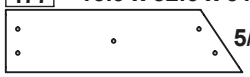
5/8 x 3 x 17-3/16"

2pc. - 471 - 15.9 x 82.6 x 254.5mm - Nest Floor Board G FSC - Box 2 - 4819227



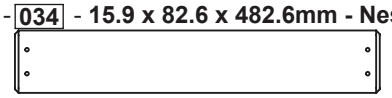
5/8 x 3-1/4 x 10"

2pc. - 477 - 15.9 x 82.6 x 312.9mm - Nest Floor Board F FSC - Box 3 - 4819226



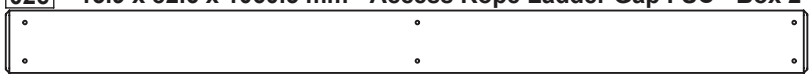
5/8 x 3-1/4 x 10"

2pc. - 034 - 15.9 x 82.6 x 482.6mm - Nest Ladder Gap FSC - Box 2 - 4819234



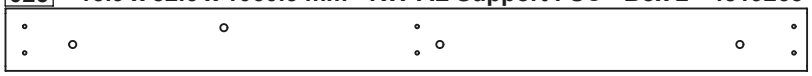
5/8 x 3-1/4 x 19"

1pc. - 026 - 15.9 x 82.6 x 1060.5 mm - Access Rope Ladder Gap FSC - Box 2 - 4819286



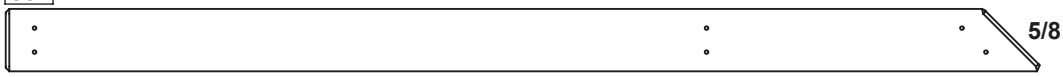
5/8 x 3-1/4 x 41-3/4"

1pc. - 025 - 15.9 x 82.6 x 1060.5 mm - RW-AL Support FSC - Box 2 - 4819263



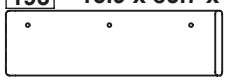
5/8 x 3-1/4 x 41-3/4"

1pc. - 561 - 15.9 x 82.6 x 1376mm - Narrow Wall B FSC - Box 2 - 4819215



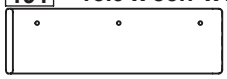
5/8 x 3-1/4 x 54-11/64"

1pc. - 193 - 15.9 x 85.7 x 285.8mm - Bell Top RT FSC - Box 2 - 4019101



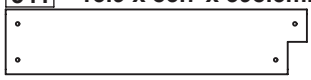
5/8 x 3-3/8 x 11-1/4"

1pc. - 191 - 15.9 x 85.7 x 285.8 mm - Bell Top FSC - Box 2 - 4019102



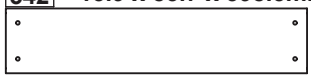
5/8 x 3-3/8 x 11-1/4"

1pc. - 541 - 15.9 x 85.7 x 398.5mm - Short Floor Gap FSC - Box 2 - 4819264



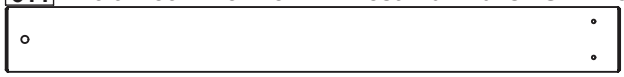
5/8 x 3-3/8 x 15-11/16"

1pc. - 542 - 15.9 x 85.7 x 398.5mm - Short Floor FSC - Box 3 - 4819265



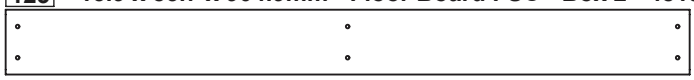
5/8 x 3-3/8 x 15-11/16"

15pc. - 611 - 15.9 x 85.7 x 812.8mm - Nest Wall Rails FSC - Box 2 - 4819245



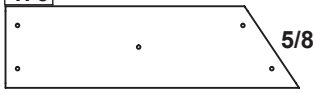
5/8 x 3-3/8 x 32"

1pc. - 123 - 15.9 x 85.7 x 904.9mm - Floor Board FSC - Box 2 - 4819050



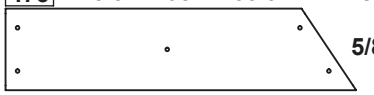
5/8 x 3-3/8 x 35-5/8"

2pc. - 476 - 15.9 x 108 x 388.4mm - Nest Floor Board E FSC - Box 3 - 4819225



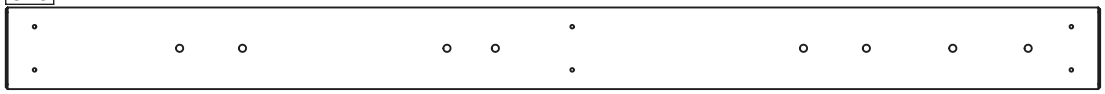
5/8 x 3-1/4 x 15-19/64"

2pc. - 475 - 15.9 x 108 x 463.9mm - Nest Floor Board D FSC - Box 2 - 4819224



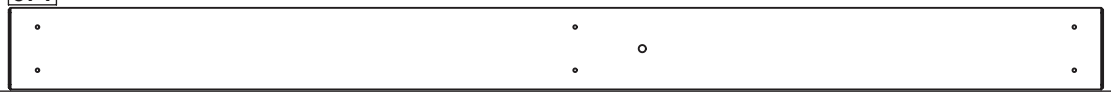
5/8 x 3-1/4 x 18-1/4"

1pc. - 573 - 15.9 x 108 x 1447.8mm - Rock Wall D FSC - Box 2 - 4819249



5/8 x 4-1/4 x 57"

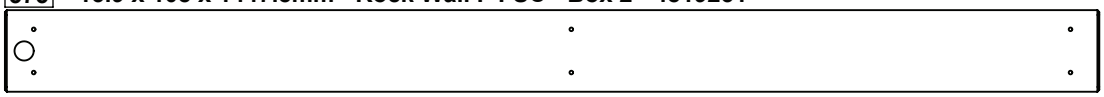
1pc. - 574 - 15.9 x 108 x 1447.8mm - Rock Wall E FSC - Box 2 - 4819250



5/8 x 4-1/4 x 57"

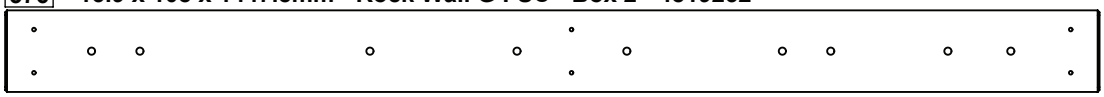
Part Identification (Reduced Part Size)

1pc. - 575 - 15.9 x 108 x 1447.8mm - Rock Wall F FSC - Box 2 - 4819251



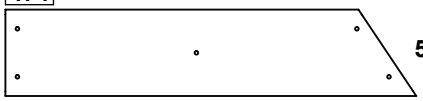
5/8 x 4-1/4 x 57"

1pc. - 576 - 15.9 x 108 x 1447.8mm - Rock Wall G FSC - Box 2 - 4819252



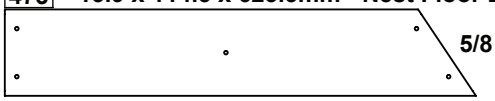
5/8 x 4-1/4 x 57"

2pc. - 474 - 15.9 x 114.3 x 543.6mm - Nest Floor Board C FSC - Box 3 - 4819223



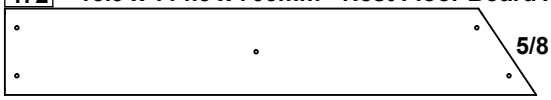
5/8 x 4-1/2 x 21-13/32"

2pc. - 473 - 15.9 x 114.3 x 623.3mm - Nest Floor Board B FSC - Box 3 - 4819222



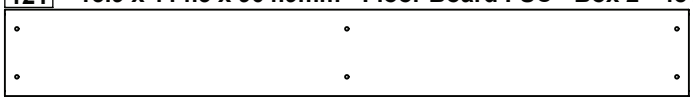
5/8 x 4-1/2 x 24-17/32"

2pc. - 472 - 15.9 x 114.3 x 703mm - Nest Floor Board A FSC - Box 2 - 4819221



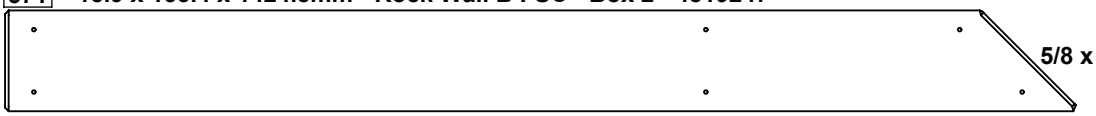
5/8 x 4-1/2 x 27-43/64"

16pc. - 121 - 15.9 x 114.3 x 904.9mm - Floor Board FSC - Box 2 - 4819051



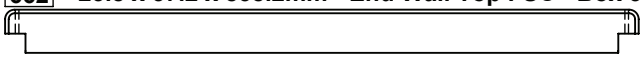
5/8 x 4-1/2 x 35-5/8"

1pc. - 571 - 15.9 x 133.4 x 1424.8mm - Rock Wall B FSC - Box 2 - 4819247



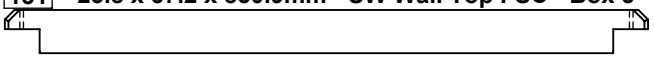
5/8 x 5-1/4 x 56-1/16"

1pc. - 662 - 23.8 x 57.2 x 838.2mm - End Wall Top FSC - Box 3 - 4819287



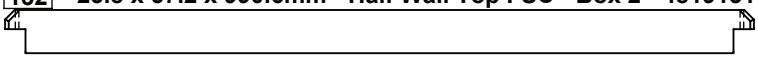
15/16 x 2-1/4 x 33"

1pc. - 131 - 23.8 x 57.2 x 850.9mm - SW Wall Top FSC - Box 3 - 4819071



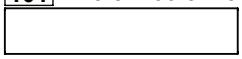
15/16 x 2-3/8 x 33-1/2"

1pc. - 132 - 23.8 x 57.2 x 990.6mm - Half Wall Top FSC - Box 2 - 4819131



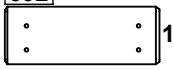
15/16 x 2-3/8 x 39"

1pc. - 101 - 23.8 x 60.3 x 308.1mm - Nest Center Joist FSC - Box 2 - 4819233



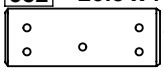
15/16 x 2-3/8 x 12-1/8"

1pc. - 592 - 23.8 x 76.2 x 204.6mm - Barrier Bottom D FSC - Box 2 - 4819204



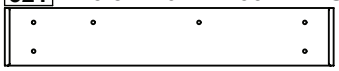
15/16 x 3 x 8-3/64"

1pc. - 582 - 23.8 x 76.2 x 204.6mm - Barrier Top D FSC - Box 2 - 4819209



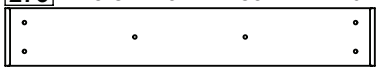
15/16 x 3 x 8-3/64"

2pc. - 521 - 23.8 x 76.2 x 435mm - Short Wall Tie FSC - Box 3 - 4819266



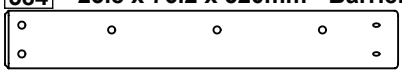
15/16 x 3 x 17-1/8"

2pc. - 275 - 23.8 x 76.2 x 489mm - Wall Tie FSC - Box 3 - 4819117



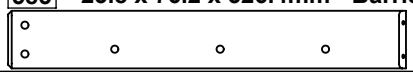
15/16 x 3 x 19-1/4"

1pc. - 584 - 23.8 x 76.2 x 520mm - Barrier Top E FSC - Box 2 - 4819210



15/16 x 3 x 20-15/32"

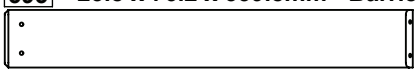
1pc. - 585 - 23.8 x 76.2 x 526.4mm - Barrier Top A FSC - Box 2 - 4819206



15/16 x 3 x 20-23/32"

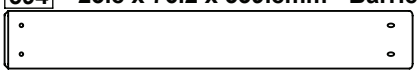
Part Identification (Reduced Part Size)

1pc. - 595 - 23.8 x 76.2 x 539.8mm - Barrier Bottom A FSC - Box 2 - 4819201



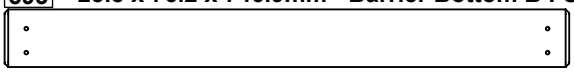
15/16 x 3 x 21-1/4"

1pc. - 594 - 23.8 x 76.2 x 539.8mm - Barrier Bottom E FSC - Box 2 - 4819205



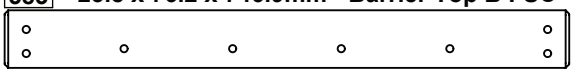
15/16 x 3 x 21-1/4"

1pc. - 593 - 23.8 x 76.2 x 746.9mm - Barrier Bottom B FSC - Box 3 - 4819202



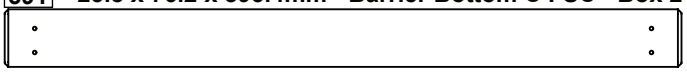
15/16 x 3 x 29-13/32"

1pc. - 583 - 23.8 x 76.2 x 746.9mm - Barrier Top B FSC - Box 2 - 4819207



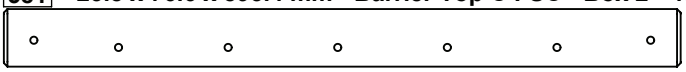
15/16 x 3 x 29-13/32"

1pc. - 591 - 23.8 x 76.2 x 895.4mm - Barrier Bottom C FSC - Box 2 - 4819203



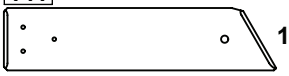
15/16 x 3 x 35-1/4"

1pc. - 581 - 23.8 x 76.6 x 895.4 mm - Barrier Top C FSC - Box 2 - 4819208



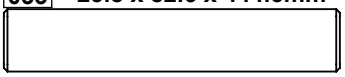
15/16 x 3 x 35-1/4"

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



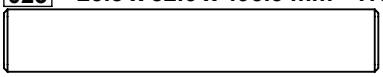
15/16 x 3-1/4 x 14-1/4"

3pc. - 033 - 23.8 x 82.6 x 444.5mm - Nest Tread FSC - Box 3 - 4819243



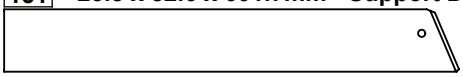
15/16 x 3-1/4 x 17-1/2"

4pc. - 023 - 23.8 x 82.6 x 495.3 mm - Tread FSC - Box 3 - 4818957



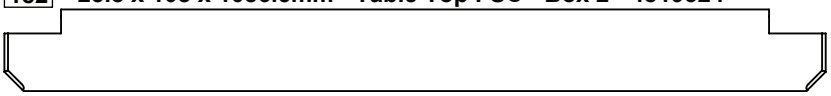
15/16 x 3-1/4 x 19-1/2"

1pc. - 151 - 23.8 x 82.6 x 601.7mm - Support Diagonal FSC - Box 3 - 4819269



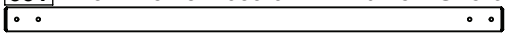
15/16 x 3-1/4 x 23-11/16"

1pc. - 182 - 23.8 x 108 x 1086.5mm - Table Top FSC - Box 2 - 4819324



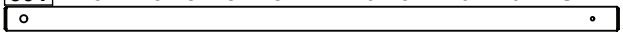
15/16 x 4-1/4 x 42-3/4"

4pc. - 531 - 25.4 x 31.8 x 659.6mm - Narrow Short Wall FSC - Box 2 - 4819213



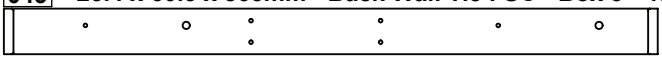
1 x 1-1/4 x 25-31/32"

1pc. - 601 - 25.4 x 31.8 x 812.8mm - Narrow Wall Rail FSC - Box 2 - 4819218



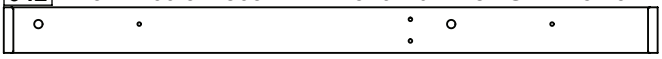
1 x 1-1/4 x 32"

1pc. - 043 - 25.4 x 60.3 x 865mm - Back Wall Tie FSC - Box 3 - 4819303



1 x 2-3/8 x 34-1/16”

1pc. - 042 - 25.4 x 60.3 x 865mm - Front Wall Tie FSC - Box 3 - 4819302

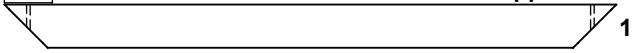


1 x 2-3/8 x 34-1/16”

1pc. - 172 - 25.4 x 63.5 x 254mm - Door Stop FSC - Box 3 - 4812715

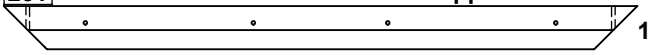
1 x 2-1/2 x 10"

1pc. - 501 - 31.8 x 57.2 x 809.6mm - Roof Gable Support FSC - Box 3 - 4819259



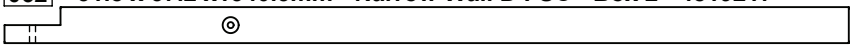
1-1/4 x 2-1/4 x 31-7/8"

4pc. - 251 - 31.8 x 57.2 x 838.20mm - Roof Support FSC - Box 3 - 4609105



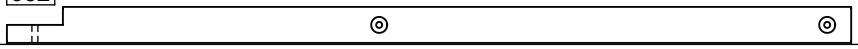
1-1/4 x 2-1/4 x 33"

1pc. - 062 - 31.8 x 57.2 x1340.3mm - Narrow Wall D FSC - Box 2 - 4819217



1-1/4 x 2-1/4 x 52-49/64"

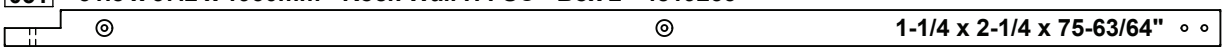
1pc. - 052 - 31.8 x 57.2 x 1340.3mm - Rock Wall I FSC - Box 2 - 4819254



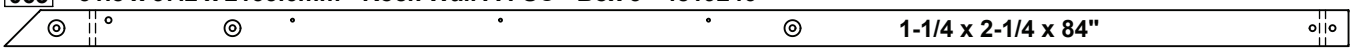
1-1/4 x 2-1/4 x 52-49/64"

Part Identification (Reduced Part Size)

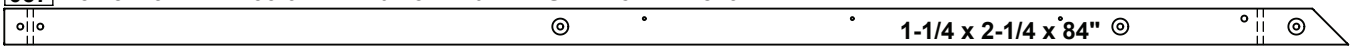
2pc. - 051 - 31.8 x 57.2 x 1930mm - Rock Wall H FSC - Box 2 - 4819253



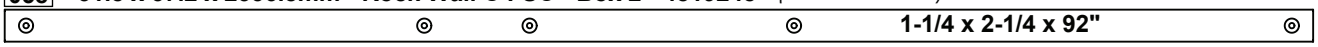
1pc. - 063 - 31.8 x 57.2 x 2133.6mm - Rock Wall A FSC - Box 3 - 4819246



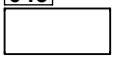
1pc. - 057 - 31.8 x 57.2 x 2133.6mm - Narrow Wall A FSC - Box 2 - 4819214



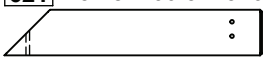
1pc. - 058 - 31.8 x 57.2 x 2336.8mm - Rock Wall C FSC - Box 2 - 4819248 *(reduced scale)*



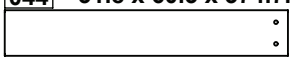
1pc. - 045 - 31.8 x 60.3 x 139.7mm - Ladder Joist Side FSC - Box 2 - 4819296



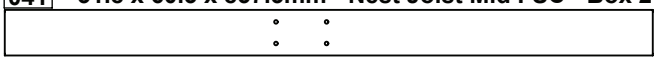
2pc. - 621 - 31.8 x 60.3 x 340.8mm - Roof Tie FSC - Box 2 - 4819260



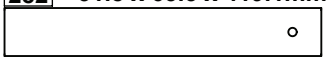
1pc. - 044 - 31.8 x 60.3 x 374.7mm - Nest Side Joist FSC - Box 2 - 4819294



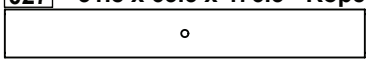
1pc. - 041 - 31.8 x 60.3 x 857.3mm - Nest Joist Mid FSC - Box 2 - 4819297



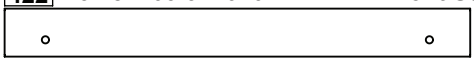
2pc. - 282 - 31.8 x 63.5 x 419.1mm - Swing Side Upright FSC - Box 3 - 4819112



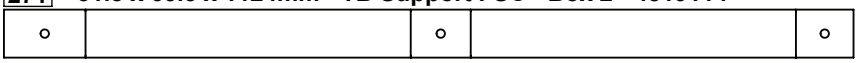
1pc. - 027 - 31.8 x 63.5 x 476.3 - Rope Bottom FSC - Box 3 - 4819200



1pc. - 422 - 31.8 x 63.5 x 616mm - TNR Front Support FSC - Box 3 - 4819273

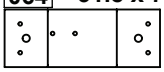


2pc. - 271 - 31.8 x 63.5 x 1124mm - TB Support FSC - Box 2 - 4819114

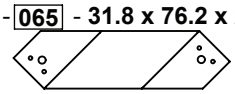


2pc. - 321 - 31.8 x 76.2 x 138.7mm - Swing Top Small FSC - Box 3 - 4819270

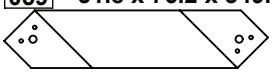
2pc. - 064 - 31.8 x 76.2 x 205.6mm - Narrow Wall Cross FSC - Box 2 - 4819220



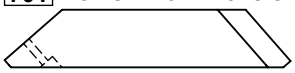
1pc. - 065 - 31.8 x 76.2 x 286.1mm - Narrow Wall Angled Cross FSC - Box 2 - 4819219



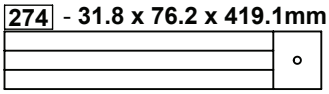
1pc. - 059 - 31.8 x 76.2 x 349mm - Rock Wall Angle Cross FSC - Box 2 - 4819255



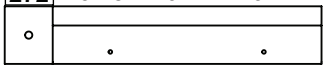
1pc. - 701 - 31.8 x 76.2 x 378.3mm - SL Gusset FSC - Box 2 - 4819268



2pc. - 274 - 31.8 x 76.2 x 419.1mm - Center Upright FSC - Box 3 - 4819106



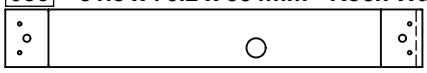
2pc. - 272 - 31.8 x 76.2 x 419.1mm - Right Upright FSC - Box 3 - 4819110



1pc. - 761 - 31.8 x 76.2 x 514.4mm - TNR Upright FSC - Box 2 - 4818965

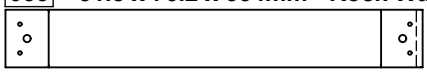
Part Identification (Reduced Part Size)

1pc. - 056 - 31.8 x 76.2 x 554mm - Rock Wall Bottom Cross FSC - Box 2 - 4819256



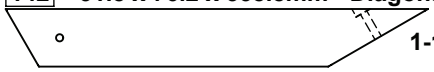
1-1/4 x 3 x 21-13/16"

1pc. - 055 - 31.8 x 76.2 x 554mm - Rock Wall Short Cross FSC - Box 2 - 4819258



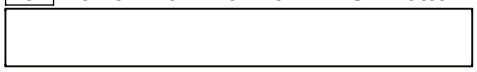
1-1/4 x 3 x 21-13/16"

1pc. - 142 - 31.8 x 76.2 x 558.8mm - Diagonal FSC - Box 2 - 4812607



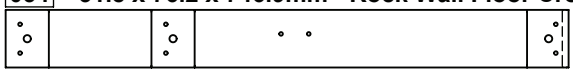
1-1/4 x 3 x 22"

1pc. - 432 - 31.8 x 76.2 x 617.5mm - SL Bottom A FSC - Box 3 - 4819288



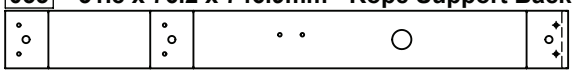
1-1/4 x 3 x 24-5/16"

1pc. - 054 - 31.8 x 76.2 x 746.9mm - Rock Wall Floor Cross FSC - Box 3 - 4819257



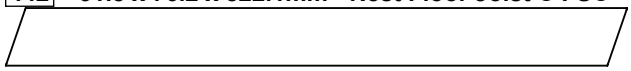
1-1/4 x 3 x 29-13/32"

1pc. - 053 - 31.8 x 76.2 x 746.9mm - Rope Support Back FSC - Box 2 - 4819261



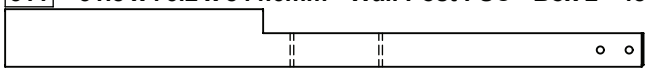
1-1/4 x 3 x 29-13/32"

2pc. - 442 - 31.8 x 76.2 x 822.1mm - Nest Floor Joist C FSC - Box 2 - 4819230



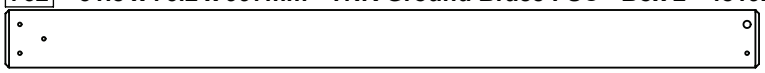
1-1/4 x 2-3/8 x 13-11/16"

2pc. - 511 - 31.8 x 76.2 x 844.6mm - Wall Post FSC - Box 2 - 4819284



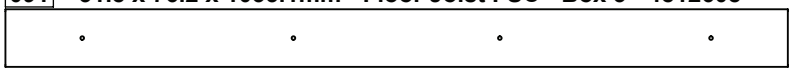
1-1/4 x 2-3/8 x 13-11/16"

1pc. - 762 - 31.8 x 76.2 x 997mm - TNR Ground Brace FSC - Box 2 - 4819274



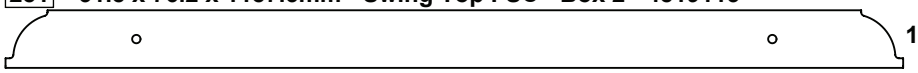
1-1/4 x 3 x 39-1/4"

2pc. - 091 - 31.8 x 76.2 x 1035.1mm - Floor Joist FSC - Box 3 - 4812608



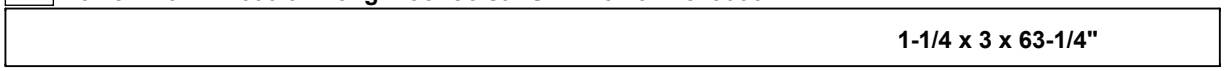
1-1/4 x 3 x 40-3/4"

1pc. - 281 - 31.8 x 76.2 x 1187.5mm - Swing Top FSC - Box 2 - 4819113



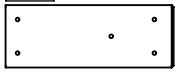
1-1/4 x 3 x 46-3/4"

1pc. - 122 - 31.8 x 76.2 x 1606.6 - Long Floor Joist FSC - Box 3 - 4819056



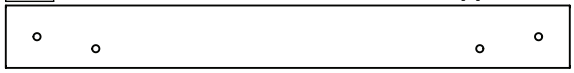
1-1/4 x 3 x 63-1/4"

1pc. - 451 - 31.8 x 82.6 x 222.3 - TNR Slide Block FSC - Box 3 - 4816005



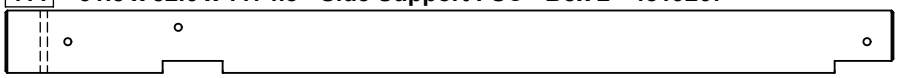
1-1/4 x 3-1/4 x 8-3/4"

1pc. - 421 - 31.8 x 82.6 x 746.1 - TNR Floor Support FSC - Box 2 - 4819272



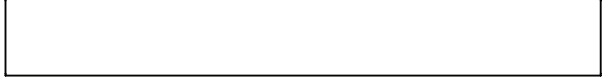
1-1/4 x 3-1/4 x 29-3/8"

2pc. - 411 - 31.8 x 82.6 x 1174.8 - Side Support FSC - Box 2 - 4819267



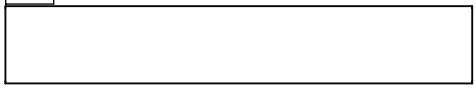
1-1/4 x 3-1/4 x 46-1/4"

1pc. - 382 - 31.8 x 101.6 x 787.4 - Nest Wall Spacer FSC - Box 3 - 4819244



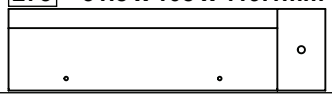
1-1/4 x 4 x 31"

1pc. - 431 - 31.8 x 102.2 x 617.5 - SL Bottom B FSC - Box 3 - 4819289



1-1/4 x 4 x 24-5/16"

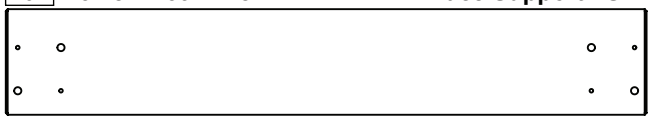
2pc. - 273 - 31.8 x 108 x 419.1mm - Left Upright FSC - Box 3 - 4819107



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

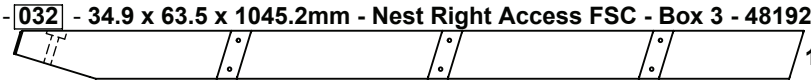
Part Identification (Reduced Part Size)

1pc. - 401 - 31.8 x 139.7 x 847.7mm - TNR Brace Support FSC - Box 2 - 4819271



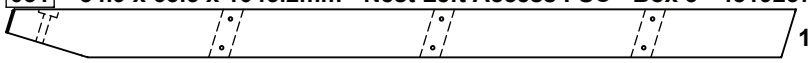
1-1/4 x 5-1/2 x 33-3/8"

1pc. - 032 - 34.9 x 63.5 x 1045.2mm - Nest Right Access FSC - Box 3 - 4819236



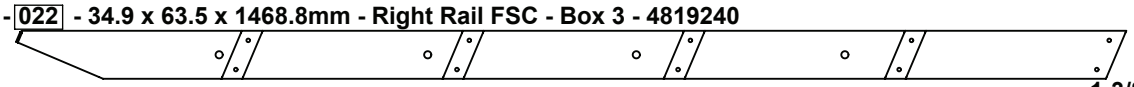
1-3/8 x 2-1/2 x 41-1/8"

1pc. - 031 - 34.9 x 63.5 x 1045.2mm - Nest Left Access FSC - Box 3 - 4819237



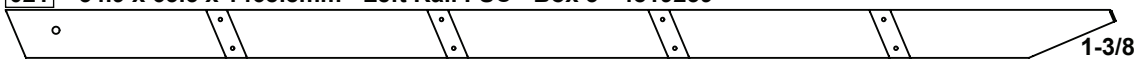
1-3/8 x 2-1/2 x 41-1/8"

1pc. - 022 - 34.9 x 63.5 x 1468.8mm - Right Rail FSC - Box 3 - 4819240



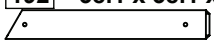
1-3/8 x 2-1/2 x 57-53/64"

1pc. - 021 - 34.9 x 63.5 x 1468.8mm - Left Rail FSC - Box 3 - 4819239



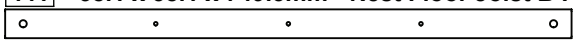
1-3/8 x 2-1/2 x 57-53/64"

2pc. - 192 - 38.1 x 38.1 x 269.9mm - Bell Support FSC - Box 2 - 4609100



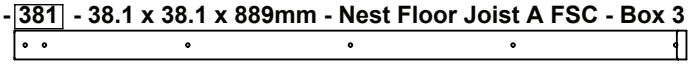
1-1/2 x 1-1/2 x 10-5/8"

1pc. - 441 - 38.1 x 38.1 x 749.3mm - Nest Floor Joist B FSC - Box 3 - 4819229



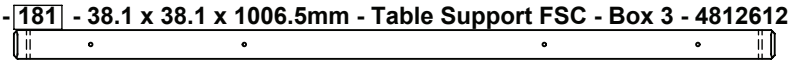
1-1/2 x 1-1/2 x 29-1/2"

2pc. - 381 - 38.1 x 38.1 x 889mm - Nest Floor Joist A FSC - Box 3 - 4819228



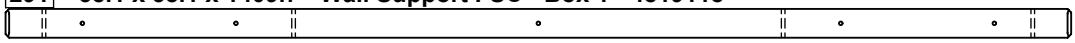
1-1/2 x 1-1/2 x 35"

1pc. - 181 - 38.1 x 38.1 x 1006.5mm - Table Support FSC - Box 3 - 4812612



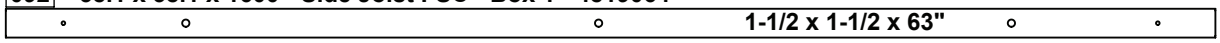
1-1/2 x 1-1/2 x 39-5/8"

2pc. - 291 - 38.1 x 38.1 x 1409.7 - Wall Support FSC - Box 1 - 4819118



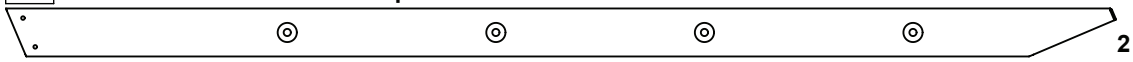
1-1/2 x 1-1/2 x 55-1/2"

2pc. - 092 - 38.1 x 38.1 x 1600 - Side Joist FSC - Box 1 - 4819064



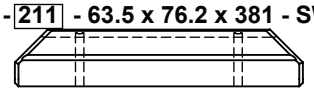
1-1/2 x 1-1/2 x 63"

1pc. - 024 - 50.8 x 63.5 x 1468.8mm - Rope Rail FSC - Box 3 - 4819238



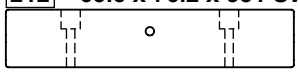
2 x 2-1/2 x 57-13/16"

1pc. - 211 - 63.5 x 76.2 x 381 - SW Block Angle FSC - Box 3 - 4819068



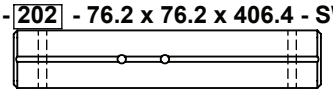
2-1/2 x 3 x 15"

1pc. - 212 - 63.5 x 76.2 x 381 SW Block FSC - Box 3 - 4818507



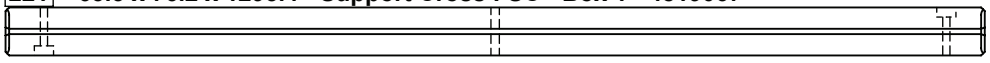
2-1/2 x 3 x 15"

1pc. - 202 - 76.2 x 76.2 x 406.4 - SW Mount FSC - Box 3 - 4819069



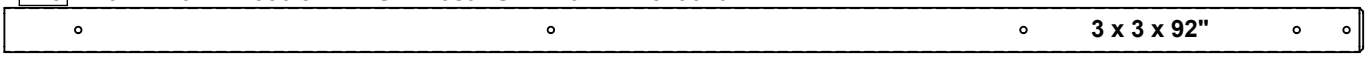
3 x 3 x 16"

1pc. - 221 - 63.5 x 76.2 x 1295.4 - Support Cross FSC - Box 1 - 4819067



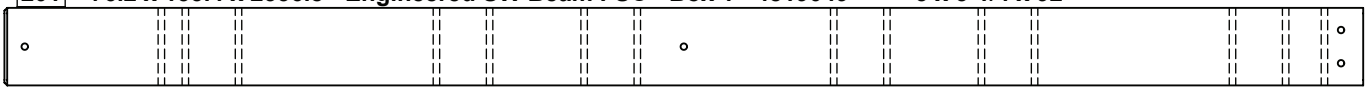
2-1/2 x 3 x 51"

2pc. - 213 - 76.2 x 76.2 x 2336.8mm - SW Post FSC - Box 1 - 4819070



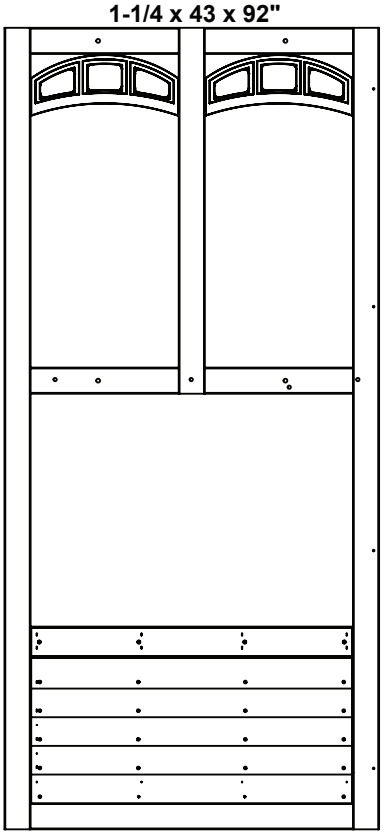
3 x 3 x 92"

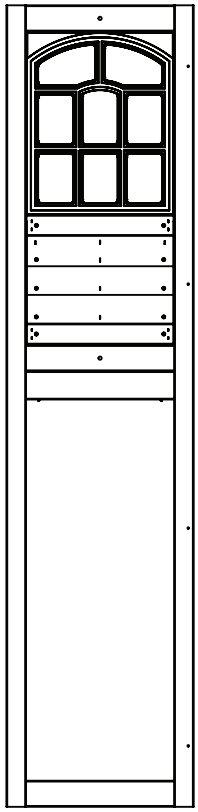
1pc. - 201 - 76.2 x 133.4 x 2336.8 - Engineered SW Beam FSC - Box 1 - 4819049 3 x 5-1/4 x 92"



Part Identification (Reduced Part Size)

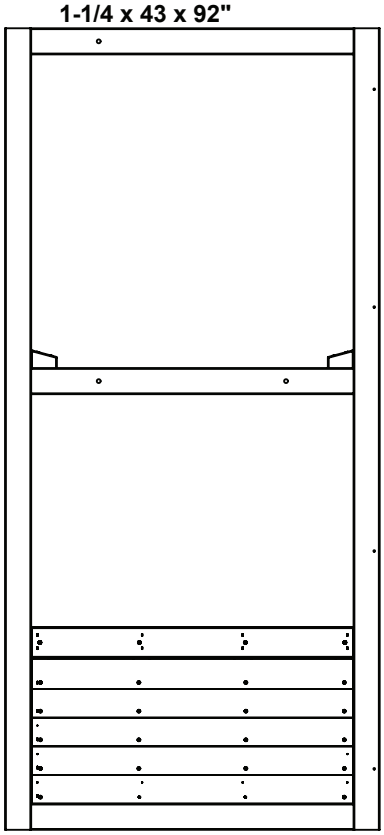
1pc. - 083 - 31.8 x 1092.2 x 2336.8mm
Wall Panel Back FSC - Box 2 - 47819194
1-1/4 x 43 x 92"



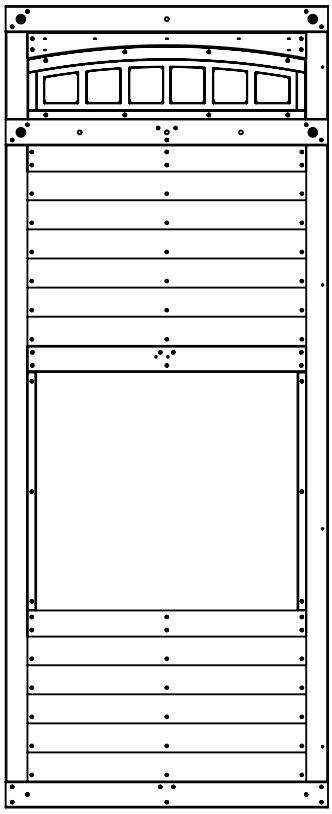


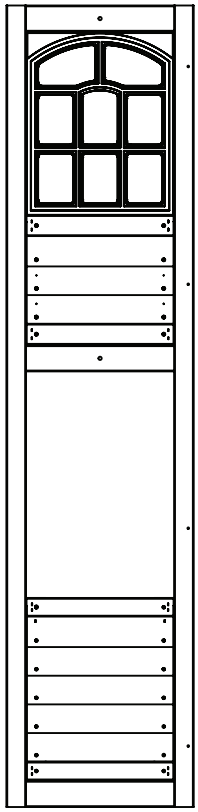
1pc. - 073 - 31.8 x 546.1 x 2336.8mm
Narrow Front Panel FSC - Box 2 - 47819144
1-1/4 x 21-1/2 x 92"

1pc. - 082 - 31.8 x 1092.2 x 2336.8mm
Panel Front Wall FSC - Box 2 - 47819135
1-1/4 x 43 x 92"



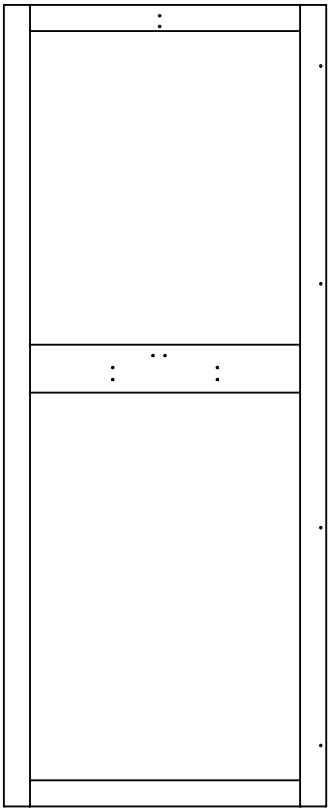
1pc. - 081 - 31.8 x 939.8 x 2336.8mm
SW Wall Panel FSC - Box 3 - 47819150
1-1/4 x 37 x 92"



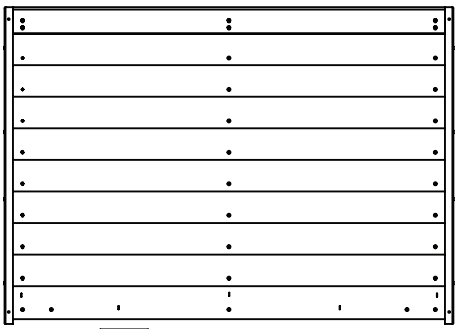


1pc. - 072 - 31.8 x 546.1 x 2336.8mm
Back Panel Narrow FSC - Box 2 - 47819193
1-1/4 x 21-1/2 x 92"

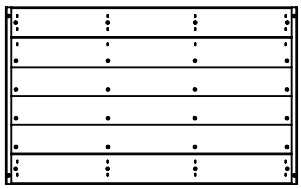
1pc. - 071 - 31.8 x 939.8 x 2336.8mm
Nest End Panel FSC - Box 3 - 47819197
1-1/4 x 37 x 92"



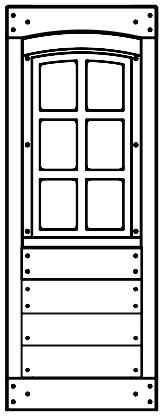
Part Identification (Reduced Part Size)



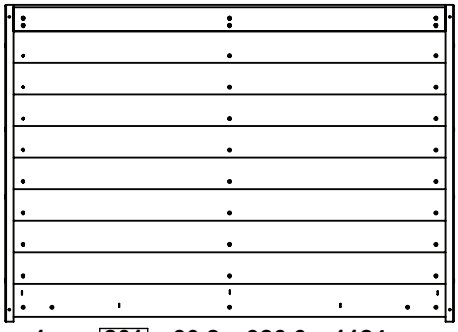
1pc. - 262 - 31.8 x 819.2 x 1143 mm
Back Roof Panel 1-1/4 x 32-1/4 x 45" FSC
Box 3 - 47609124
1-1/4 x 32-1/2 x 45"



1pc. - 661 - 34.9 x 514.4 x 847.8mm
SL Panel FSC - Box 2 - 47819196
1-3/8 x 20-1/4 x 33-1/8"

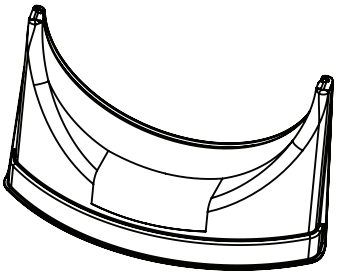


1pc. - 171 - 31.8 x 400.1 x 1070mm
Door Window Panel FSC - Box 2 - 47602837
1-1/4 x 15-3/4 x 42-1/8"

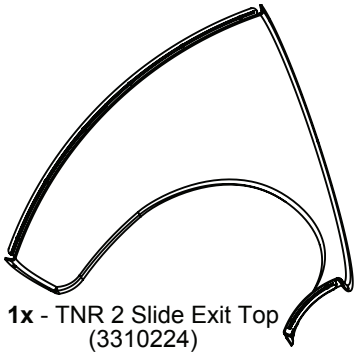


1pc. - 261 - 30.2 x 926.6 x 1124 mm
Front Roof Panel 1-3/16 x 36-1/2 x 44-1/2" FSC
Box 3 - 47609082
1-1/4 x 32-1/4 x 45"

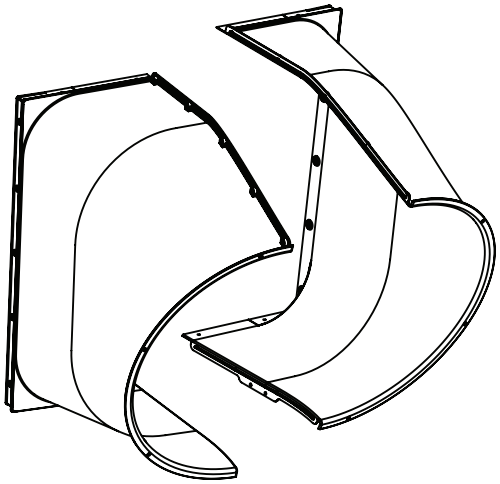
1x - TNR 3 Extended Flange Rt
(3310231)



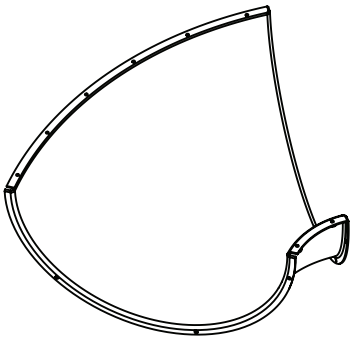
1x - TNR3 Short Exit
(3310232)



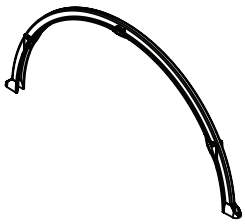
1x - TNR 2 Slide Exit Top
(3310224)



1x - TNR 3 Extended Flange Lt
(3310230)



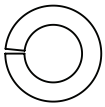
9x - TNR 2 Slide Elbow
(3310221)



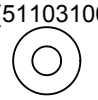
10x - TNR 4 Clamp Ring
(9300230) (Yellow)
10pcs number 3300230

Hardware Identification (Actual Size)

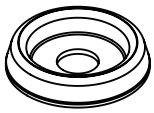
(5) LW2 - 5/16" Lock Washer - (51303300)



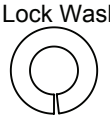
(34) FW0 - 3/16" Flat Washer - (51103100)



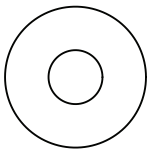
(9) FW6 - #12 Screw Bezel - (9299500)



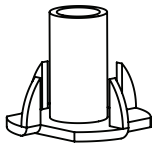
(92) LW1 - 1/4" Lock Washer - (51303200)



(87) FW1 - 1/4" Flat Washer - (51103200)

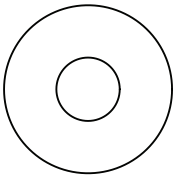


(60) TN1 - 1/4" T - Nut -(54503200)

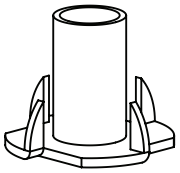


(67) LN1 - 1/4 Lock Nut - (54303200)

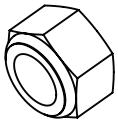
(82) FW2 - 5/16" Flat Washer - (51103300)



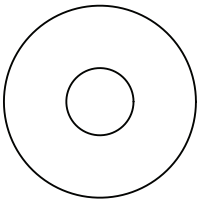
(40) TN2 - 5/16" T- Nut - (54503300)



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



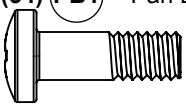
(13) FW10 - 3/8" Flat Washer - (51103800)



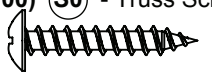
(34) BN1 - 1/4" Barrel Nut - (54803200)

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

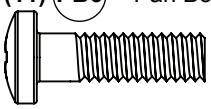
(54) PB1 - Pan Bolt 1/4 x 3/4" - (53453203)



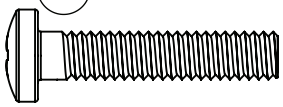
(100) S0 - Truss Screw #8 x 7/8" - (52933505)



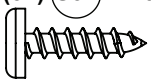
(11) PB6 - Pan Bolt 1/4 x 1" - (53413210)



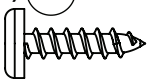
(34) PB2 - Pan Bolt 1/4 x 1-1/4" - (53433212)



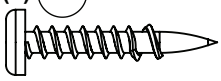
(34) S37 - Pan Screw #7 x 5/8" - (52433009)



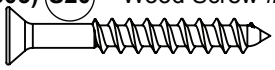
(9) S38 - Pan Screw #7 x 1-1/8" - (52433014)



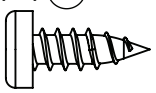
(6) S10 - Pan Screw #8 x 1" - (52433510)



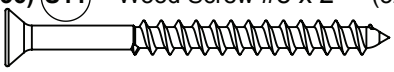
(305) S20 - Wood Screw #8 x 1-3/8" - (52043516)



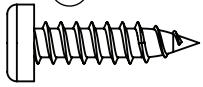
(33) S8 - Pan Screw #12 x 3/4" - (52433603)



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

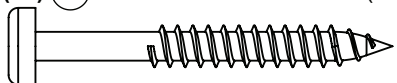


(40) S6 - Pan Screw #12 x 1" - (52433610)



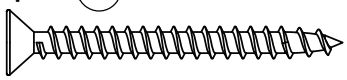
(99) S3 - Wood Screw #8 x 2-1/2" - (52043522)

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

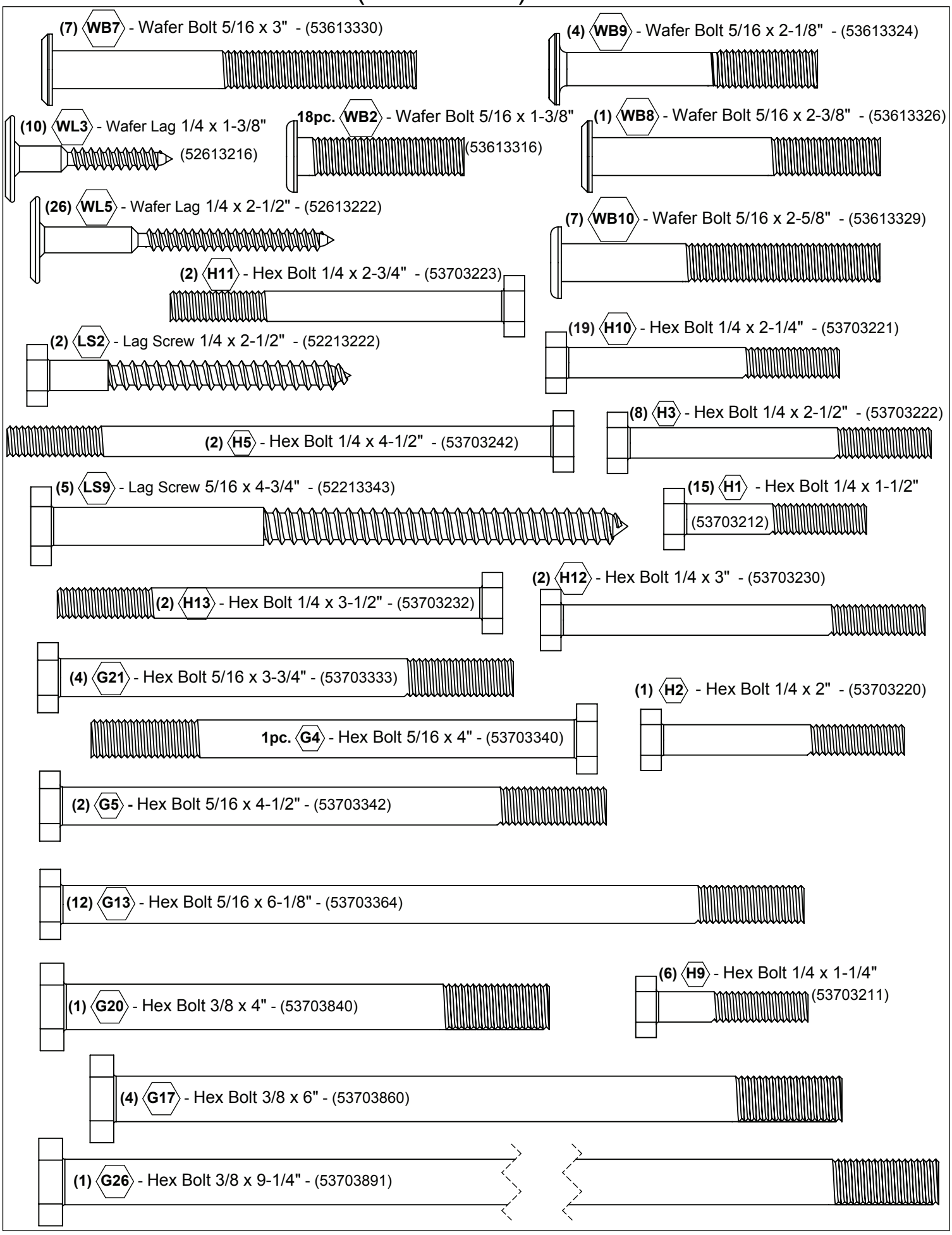


(28) S4 - Wood Screw #8 x 3" - (52043530)

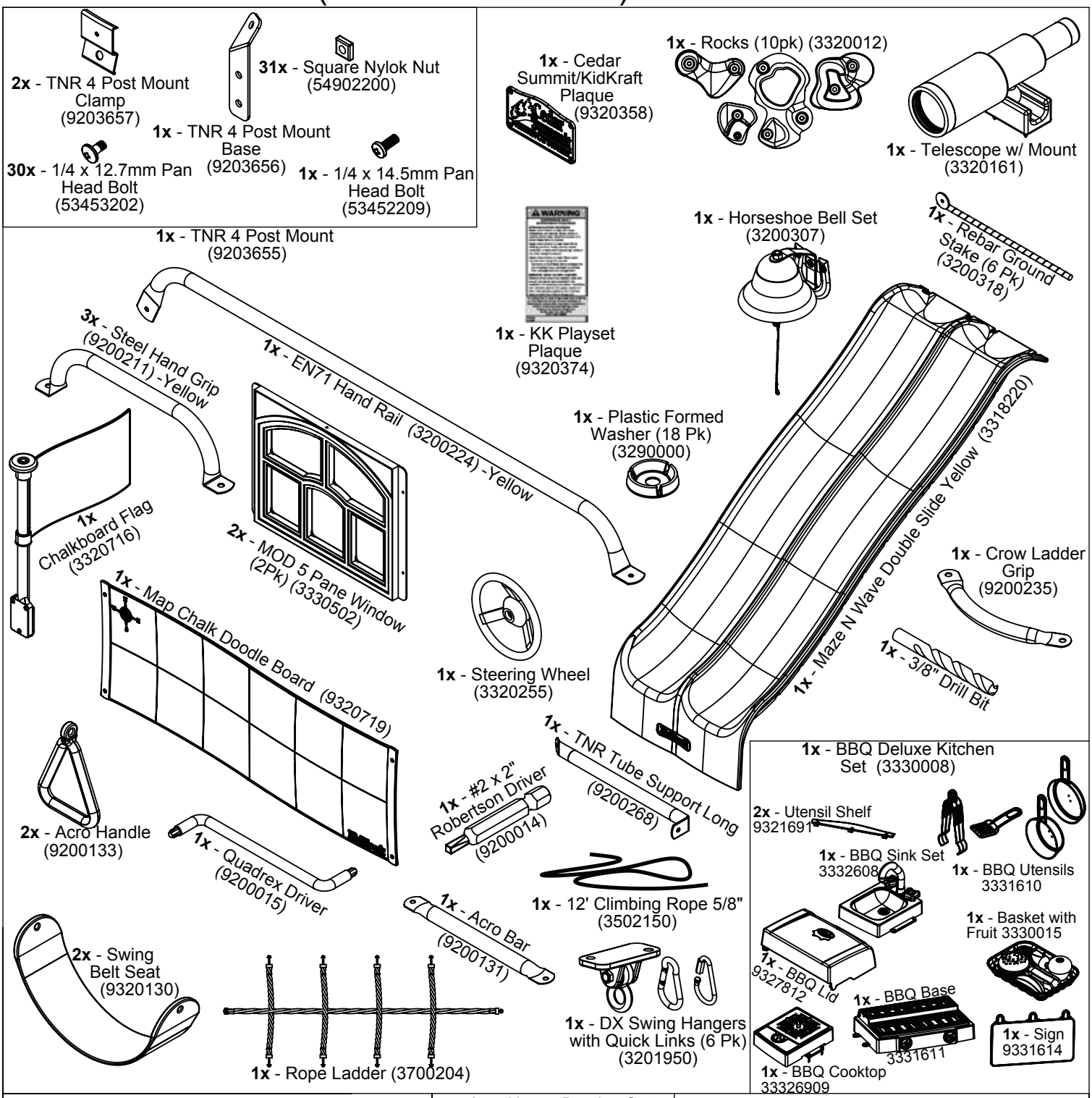
1pc. - **S15** -Flat Head Screw #8 x 1 3/4" - (52042513)

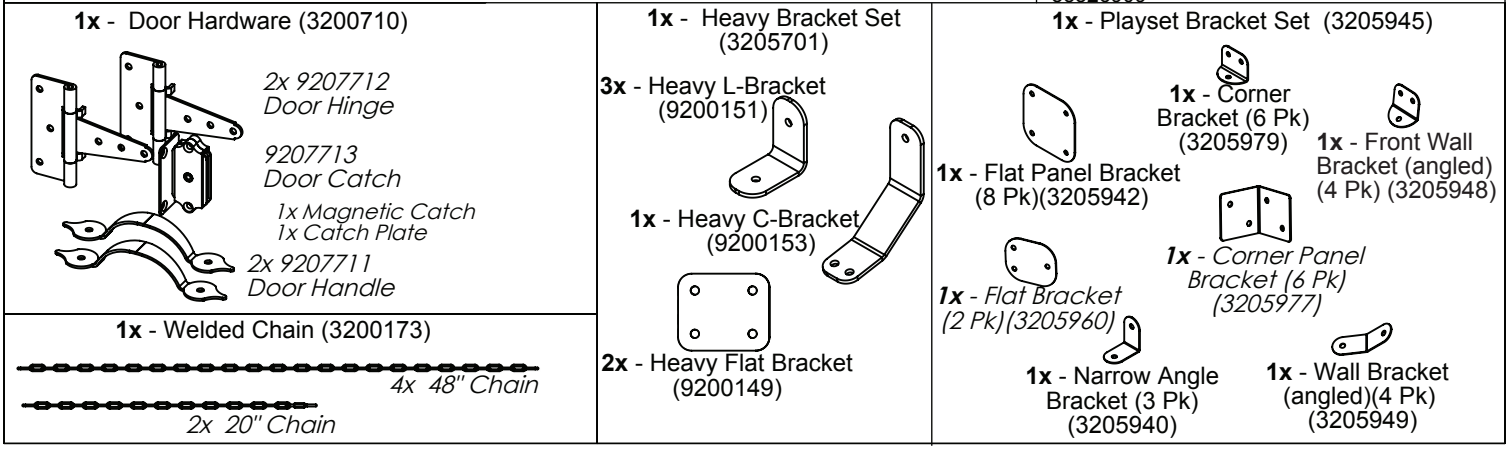


Hardware Identification (Actual Size)

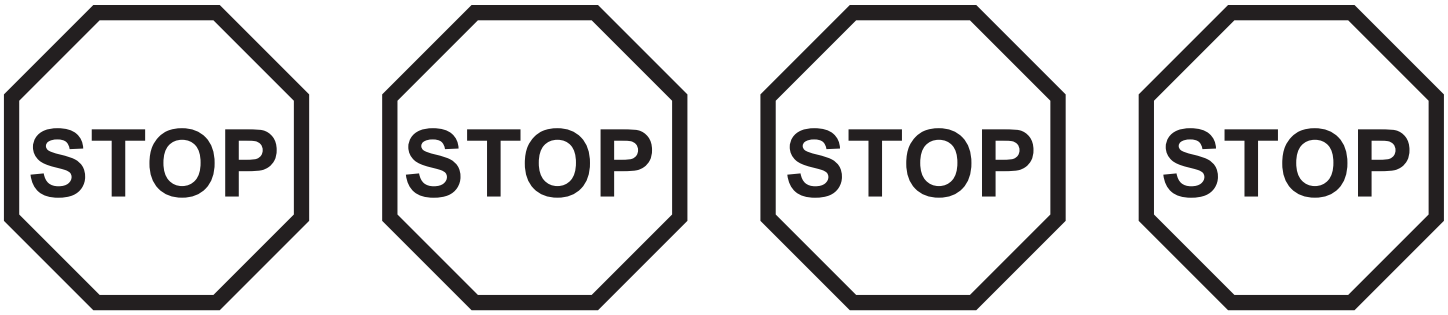


Part Identification (Reduced Part Size)



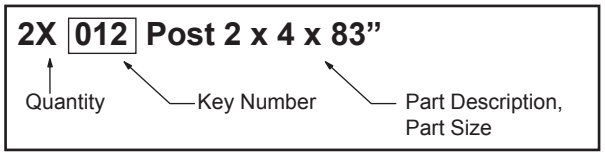


Step 1: Inventory Parts - Read This Before Starting Assembly



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

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



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: **F25745**

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 1)
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 2)
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 3)
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 4)
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 5)
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 6)

TRACKING NUMBER (from ID Plaque): _____

Step 2: Access Ladder/Rope Wall Assembly Part 1

A: Place (021) Left Access on one side of 4 (023) Treads and (022) Right Access on the other side with the grooves facing in. (fig. 2.1)

B: Fit each (023) Tread into grooves on both (021) and (022) Access rails, making sure the top edge of the (023) 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

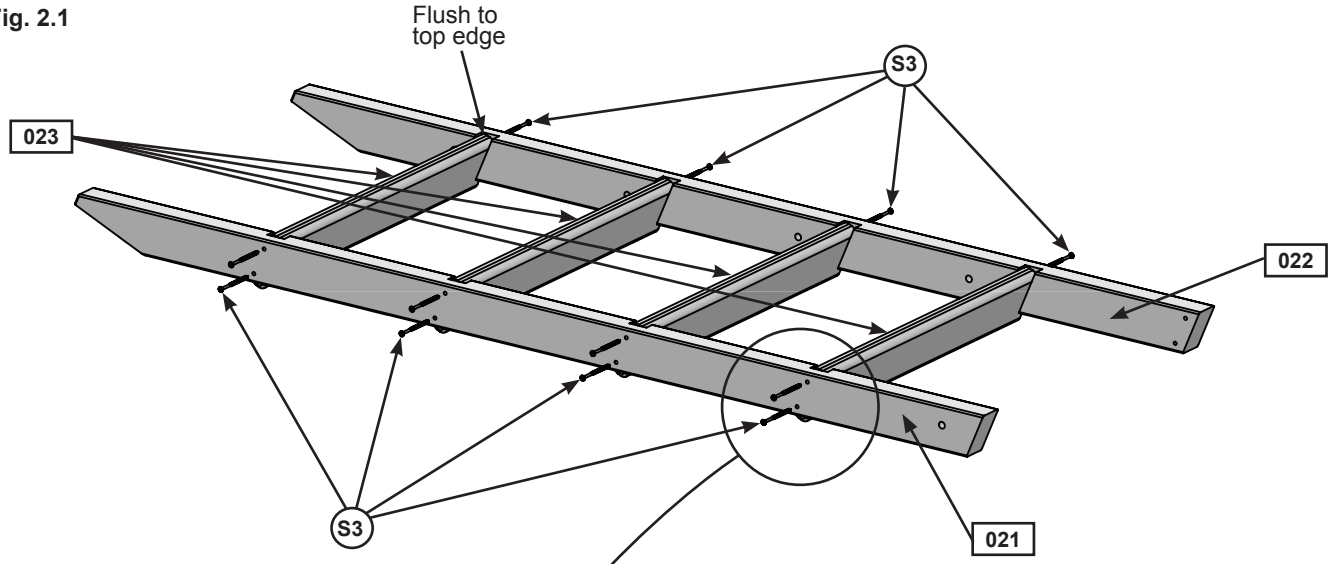
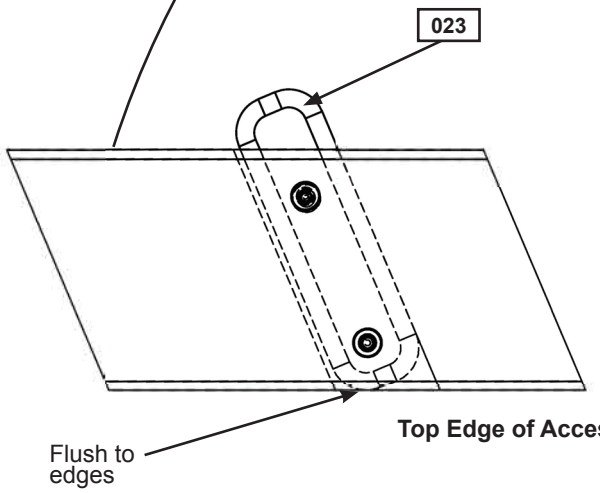


Fig. 2.2
End View



Wood Parts	Hardware
1 x 021 Left Access 1-3/8 x 2-1/2 x 57-53/64"	16 x S3 #8 x 2-1/2" Wood Screw
1 x 022 Right Access 1-3/8 x 2-1/2 x 57-53/64"	
4 x 023 Tread 15/16 x 3-1/4 x 19-1/2"	

Step 2: Access Ladder/Rope Wall Assembly Part 2

D: Making sure that the pre-sunk holes are facing the outside, place (024) Rope Rail on the ground next to (022) Right Access so it matches the orientation of the two access rails as shown in fig. 2.5. Attach (025) RW-AL Support flush to the top of Access Ladder assembly and (024) Rope 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 and 2.4)

E: Place one end of the (026) Access Rope Ladder Gap on the (021) Left Access and the other end on the (024) Rope Rail so there is a 1-3/8" gap between (026) Access Rope Ladder Gap and the top (023) Tread. Attach using 6 (S11) #8 x 2" Wood Screws. (fig. 2.3)

F: Place (027) Rope Bottom between (024) Rope Rail and (022) Right Access and attach using 4 (S4) #8 x 3" Wood Screws. (fig. 2.5)

Fig. 2.4

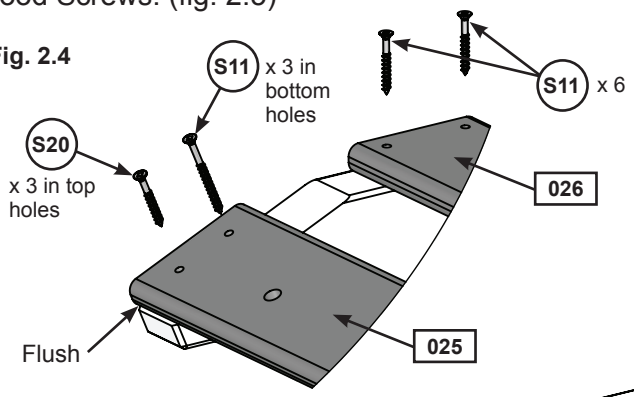


Fig. 2.3

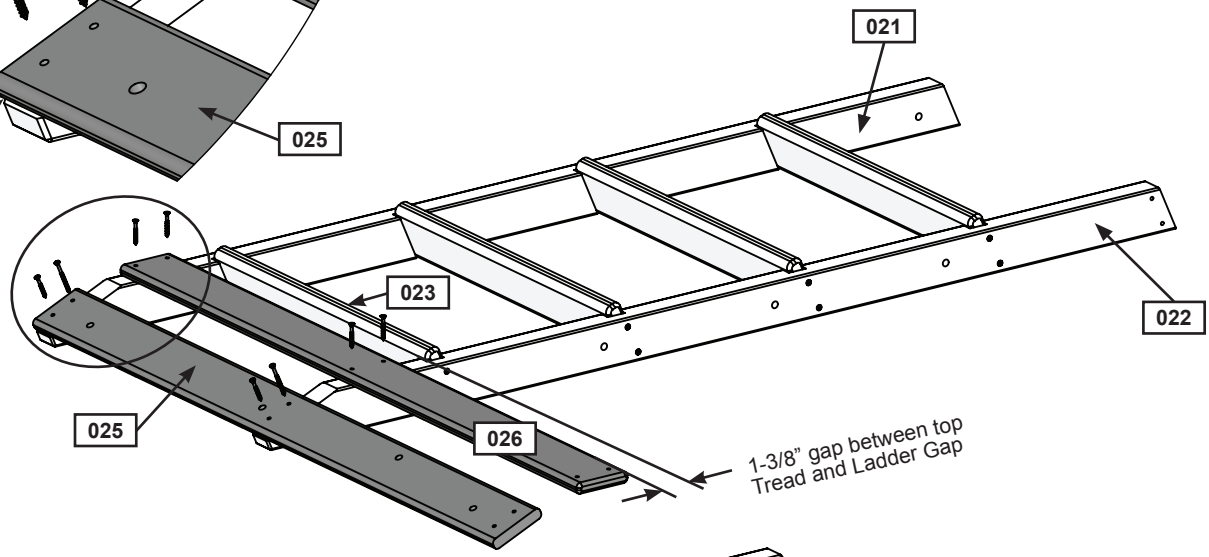
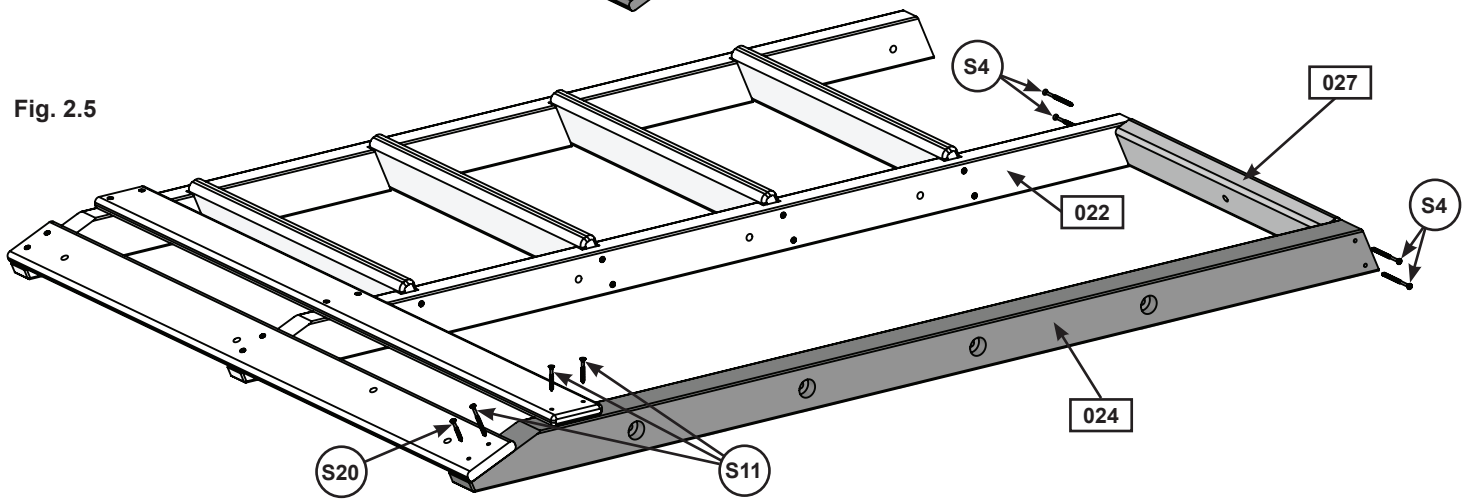


Fig. 2.5



Wood Parts		Hardware	
1 x 024	Rope Rail 2 x 2-1/2 x 57-13/16"	9 x S11	#8 x 2" Wood Screw
1 x 025	RW-AL Support 5/8 x 3-1/4 x 41-3/4"	3 x S20	#8 x 1-3/8" Wood Screw
1 x 026	Access Rope Ladder Gap 5/8 x 3-1/4 x 41-3/4"	4 x S4	#8 x 3" Wood Screw
1 x 027	Rope Bottom 1-1/4 x 2-1/2 x 18-3/4"		

Step 3: Nest Ladder Assembly

A: Place (031) Nest Left Access on one side of 3 (033) Nest Treads and (032) Nest Right Access on the other side with the grooves facing in. (fig. 2.1)

B: Fit each (033) Nest Tread into grooves on both (031) and (032) Access rails, making sure the top edge of the (033) Nest 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)

D: Place (034) Nest Ladder Gap on each access rail so there is a 2-3/8" gap between (034) Ladder Gap and the top (033) Nest Tread. Attach using 4 (S20) #8 x 1-3/8" Wood Screws. (fig. 3.3)

E: Center a second Ladder Gap between the bottom Tread and the bottom ends of the access rails and attach using 4 (S20) #8 x 1-3/8" Wood Screws.

Fig. 3.1

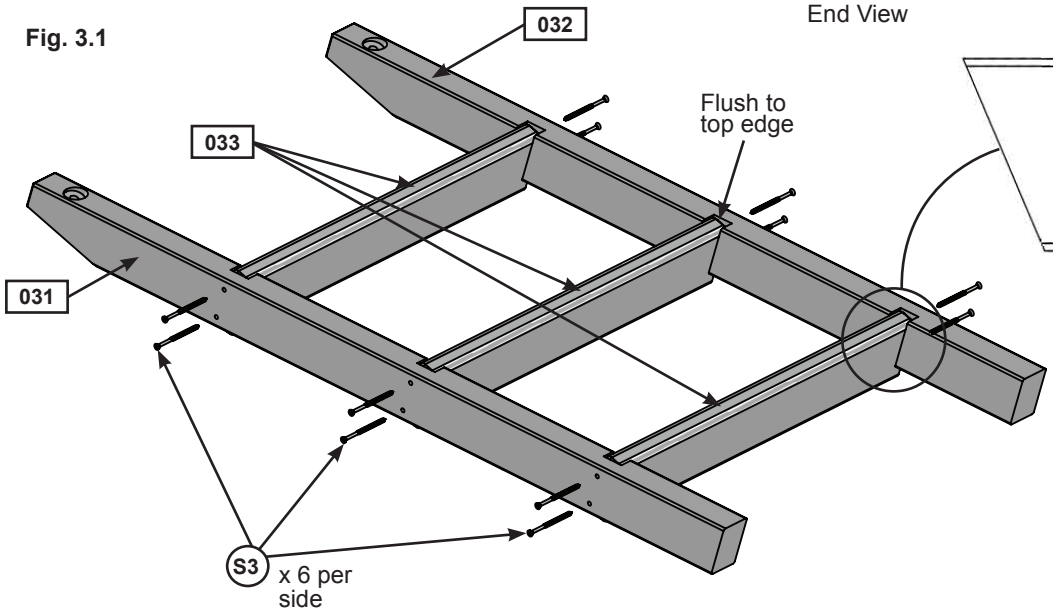


Fig. 3.2
End View

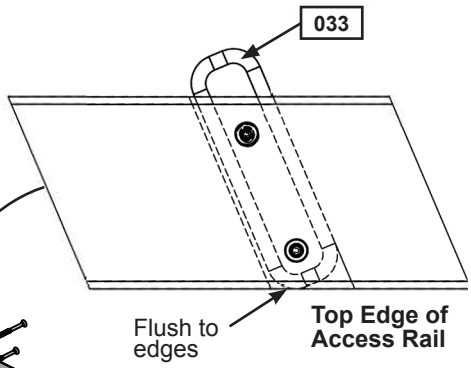
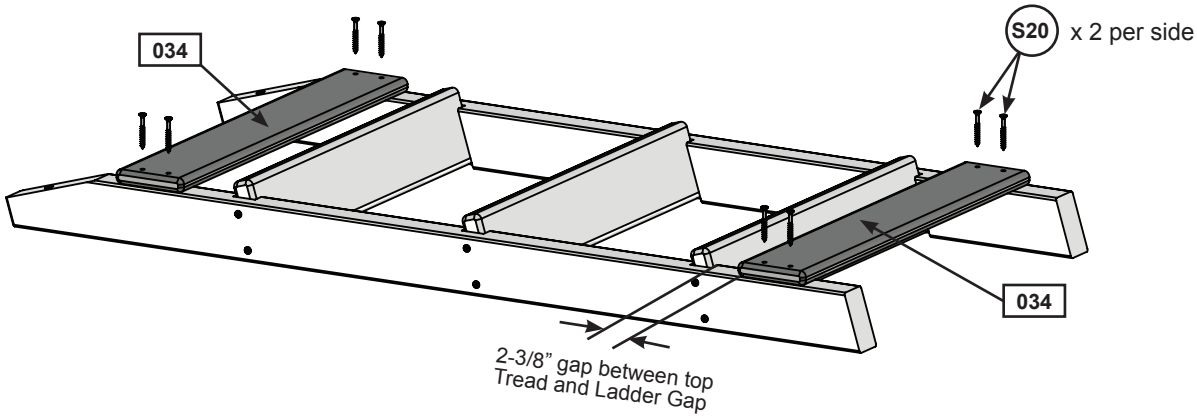


Fig. 3.3



Wood Parts

- 1 x 031 **Nest Left Access 1-3/8 x 2-1/2 x 41-1/8"**
- 1 x 032 **Nest Right Access 1-3/8 x 2-1/2 x 41-1/8"**
- 3 x 033 **Nest Tread 15/16 x 3-1/4 x 17-1/2"**
- 2 x 034 **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 4: Nest Joist Assembly

A: Place (041) Nest Mid Joist between (042) Front Wall Tie and (043) Back Wall Tie as shown in fig. 4.1 making sure to closely follow the hole orientation. Attach using 4 (S3) #8 x 2-1/2" Wood Screws. (Fig. 4.1)

B: Using the next set of pre-drilled holes on the (043) Back Wall Tie attach the (044) Nest Side Joist using 2 (S3) #8 x 2-1/2" Wood Screws. (Fig. 4.2)

C: Place (045) Ladder Side Joist between (041) Nest Mid Joist and (044) Nest Side Joist and attach using 4 (S3) #8 x 2-1/2" Wood Screws as shown in fig. 4.3.

Fig. 4.1

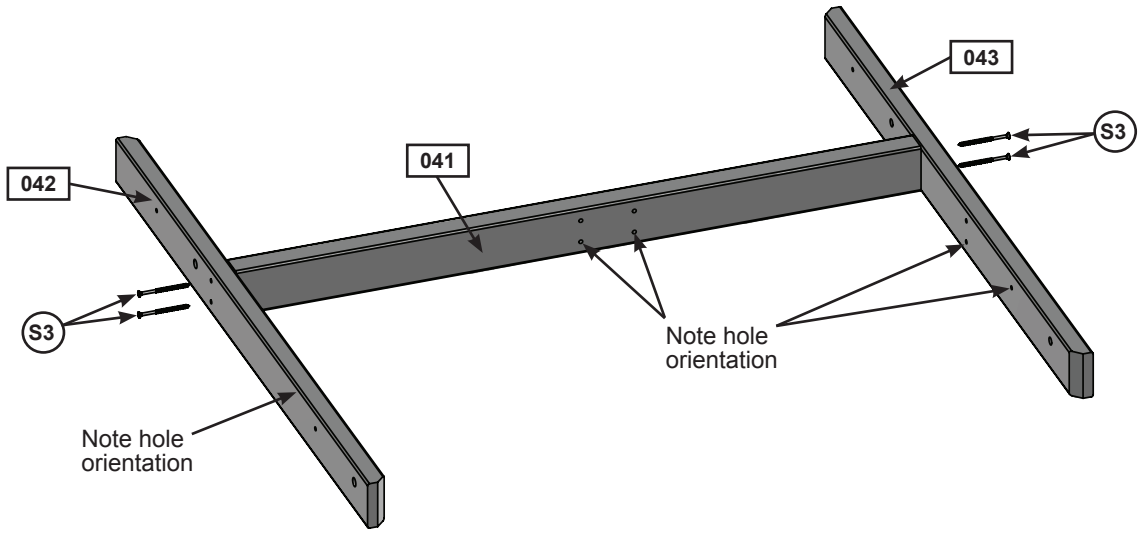
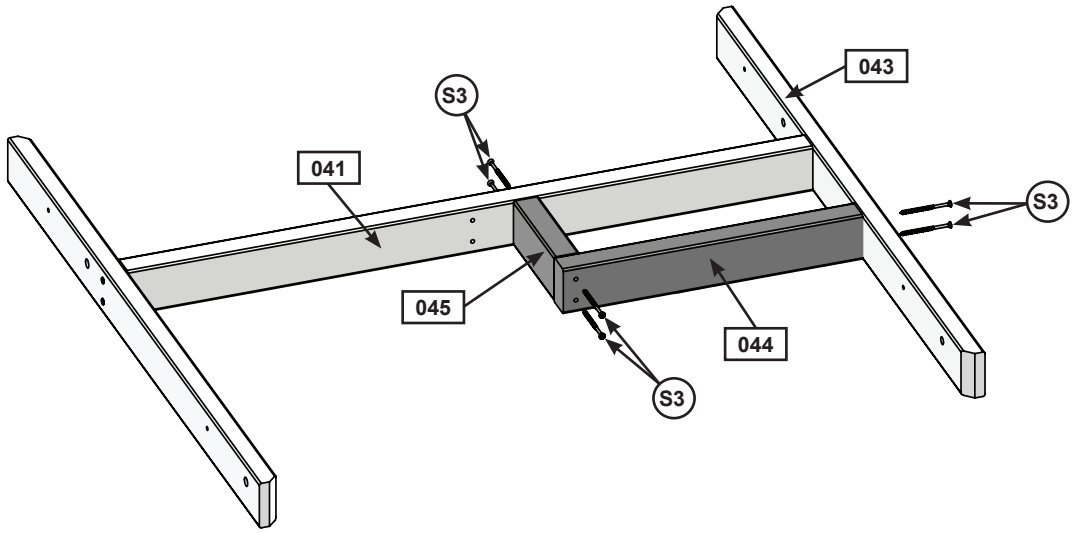


Fig. 4.2



Wood Parts

- 1 x 041 **Nest Mid Joist 1-1/4 x 2-3/8 x 33-3/4"**
- 1 x 042 **Front Wall Tie 1 x 2-3/8 x 34-1/16"**
- 1 x 043 **Back Wall Tie 1 x 2-3/8 x 34-1/16"**
- 1 x 044 **Nest Side Joist 1-1/4 x 2-3/8 x 13-11/16"**
- 1 x 045 **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 5: Large Rock Wall Frame Assembly Part 1

It is important to note the beveled edges on all horizontal boards.

A: Place (051) Rock Wall H and (052) Rock Wall I together so that they are connected at the notched ends. Attach using 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (Fig. 5.1 and 5.2)

B: Taking care to note the hole orientation place (053) Rope Support Back so that it lines up with the center holes on (051) Rock Wall H and place (054) Rock Wall Floor Cross so that it lines up with lower set of holes. Attach each board using 1 (WB2) 5/16 x 1-3/8" Wafer Head Bolt (with flat washer and t-nut) and 2 (S20) #8 x 1-3/8" Wood Screws as shown in fig. 5.3 and 5.4.

C: Place (055) Rock Wall Short Cross so that it lines up with the upper holes on (052) Rock Wall I and place (056) Rock Wall Bottom Cross so that it lines up with the bottom holes, making sure that the pre-drilled rope hole is at the bottom. Attach boards using 1 (WB2) 5/16 x 1-3/8" Wafer Head Bolt (with flat washer and t-nut) and 2 (S20) #8 x 1-3/8" Wood Screws. (Fig. 5.3 and 5.4)

D: Flip frame assembly over and install (058) Rock Wall C as shown in fig. 5.5 making sure to note the hole orientation. Attach using 4 (WB2) 5/16 x 1-3/8" Wafer Head Bolt (with flat washer and t-nut) and 8 (S20) #8 x 1-3/8" Wood Screws. (Fig. 5.3 and 5.4)

Fig. 5.1

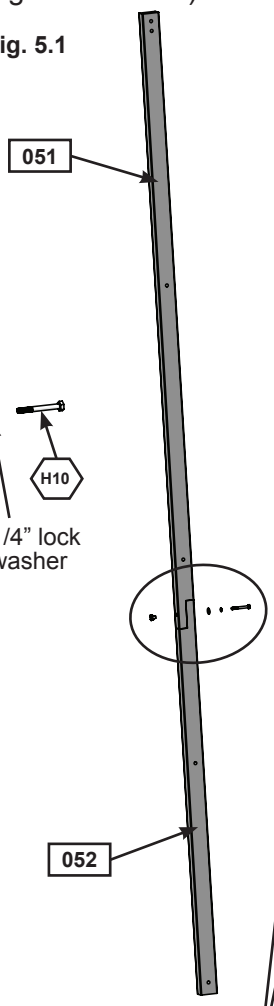


Fig. 5.2

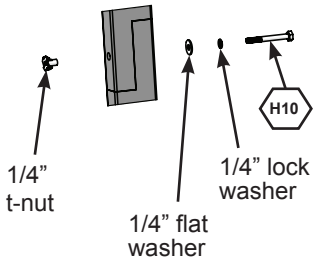


Fig. 5.3

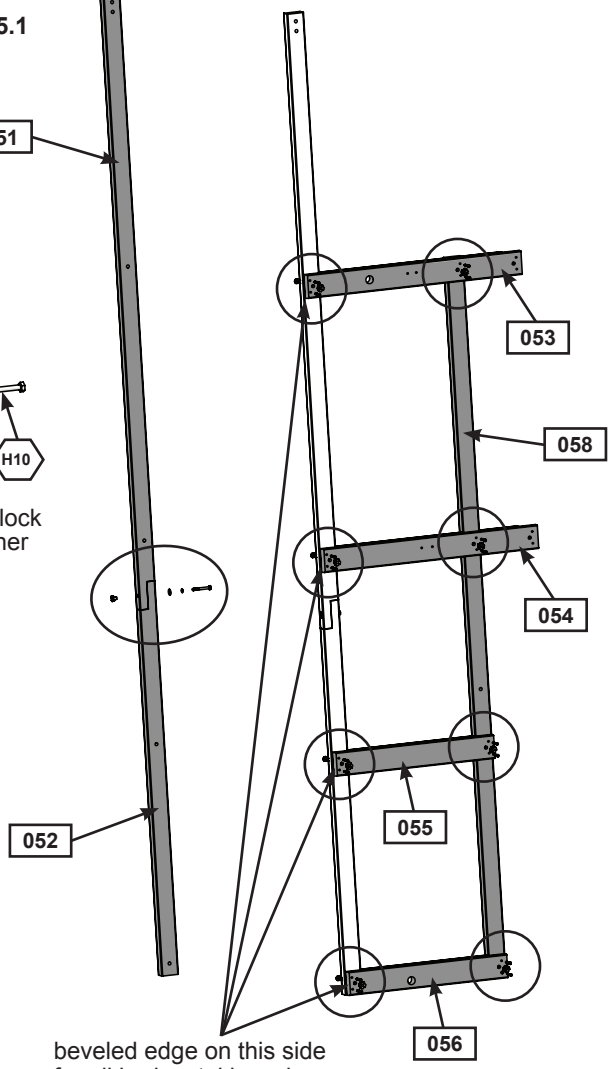
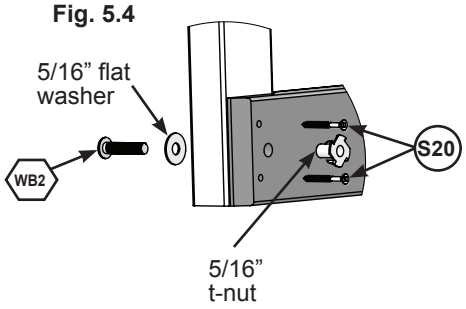


Fig. 5.4



Wood Parts

- 1 x 051 Rock Wall H 1-1/4 x 2-1/4 x 75-63/64"
- 1 x 052 Rock Wall I 1-1/4 x 2-1/4 x 52-49/64"
- 1 x 053 Rope Support Back 1-1/4 x 3 x 29-13/32"
- 1 x 054 Rock Wall Floor Cross 1-1/4 x 3 x 29-13/32"
- 1 x 055 Rock Wall Short Cross 1-1/4 x 3 x 21-13/16"
- 1 x 056 Rock Wall Bottom Cross 1-1/4 x 3 x 21-13/16"
- 1 x 058 Rock Wall C 1-1/4 x 2-1/4 x 92"

Hardware

- 16 x S20 #8 x 1-3/8" Wood Screw
- 1 x H10 1/4 x 2-1/4" Hex Bolt (with 1/4" lock washer, 1/4" flat washer and 1/4" t-nut)
- 8 x WB2 5/16 x 1-3/8" Wafer Head Bolt (5/16" flat washer, 5/16" t-nut)

Step 5: Large Rock Wall Frame Assembly Part 2

E: Taking care to note hole orientation place (063) Rock Wall A as shown in fig.5.6 and attach to (053) Rock Support Back and (054) Rock Wall Floor Cross using 2 (WB2) 5/16 x 1-3/8” Wafer Head Bolt (with flat washer and t-nut) and 4 (S20) #8 x 1-3/8” Wood Screws. (Fig. 5.5 and 5.6)

F: Attach (059) Rock Wall Angle Cross to (063) Rock Wall A and (058) Rock Wall C using 2 (WB2) 5/16 x 1-3/8 Wafer Head Bolt (with flat washer and t-nut) and 4 (S20) #8 x 1-3/8” Wood Screws as shown in fig. 5.5 and 5.6.

Fig. 5.5

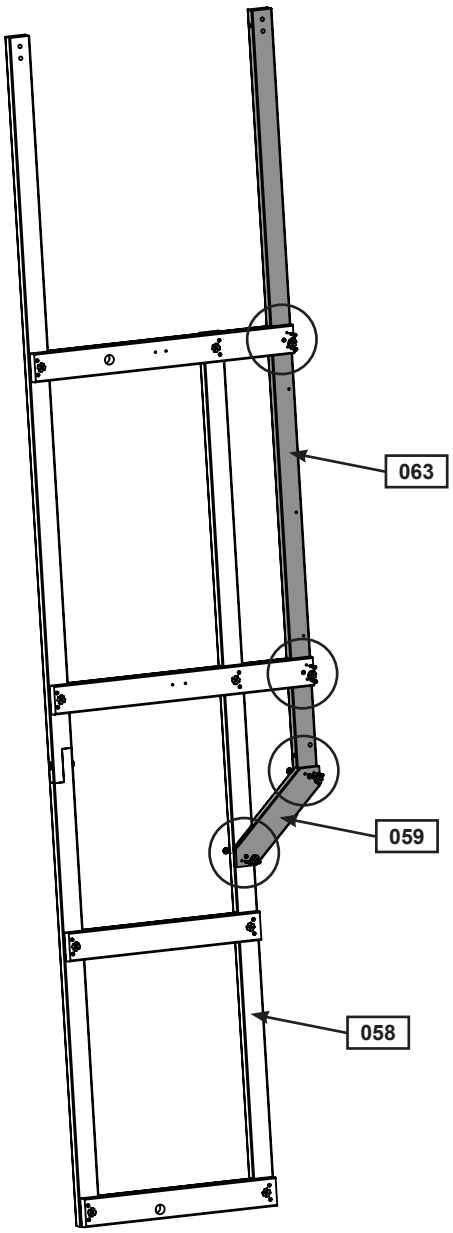
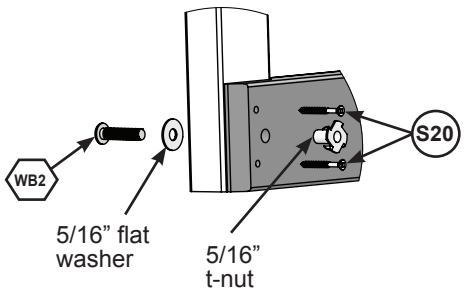


Fig. 5.6



Wood Parts

1 x [063] **Rock Wall A 1-1/4 x 2-1/4 x 84”**

1 x [059] **Rock Wall Angle Cross 1-1/4 x 3 x 13-3/4”**

Hardware

8 x (S20) **#8 x 1-3/8” Wood Screw**

4 x (WB2) **5/16 x 1-3/8” Wafer Head Bolt (5/16” flat washer, 5/16” t-nut)**

Step 6: Narrow Wall Frame Assembly

A: Place (051) Rock Wall H and (062) Narrow Wall D together so that they are connected at the notched ends. Attach using 1 (H10) 1/4 x 2-1/4” Hex Bolt (with lock washer, flat washer and t-nut). (Fig. 6.1 and 6.2)

B: Place (057) Narrow Wall A on the left side of the frame assembly so that the top ends of the boards line up, making sure to note hole orientation. Place 1 (064) Narrow Wall Cross in each of the 2 locations shown in fig. 6.3 and attach using 2 (WB2) 5/16 x 1-3/8” Wafer Head Bolts (with flat washer and t-nut) and 4 (S20) #8 x 1-3/8” Wood Screws per board. (Fig. 6.3 and 6.4)

C: Place (065) Narrow Wall Angled Cross as shown in fig. 6.3 and attach using 2 (WB2) 5/16 x 1-3/8” Wafer Head Bolts (with flat washer and t-nut) and 4 (S20) #8 x 1-3/8” Wood Screws per board. (Fig. 6.3 and 6.4)

Fig. 6.1

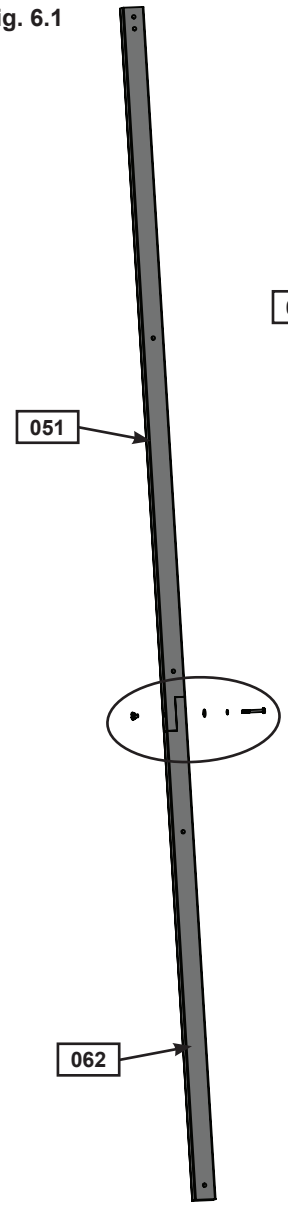


Fig. 6.2

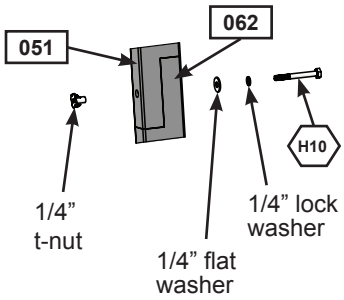
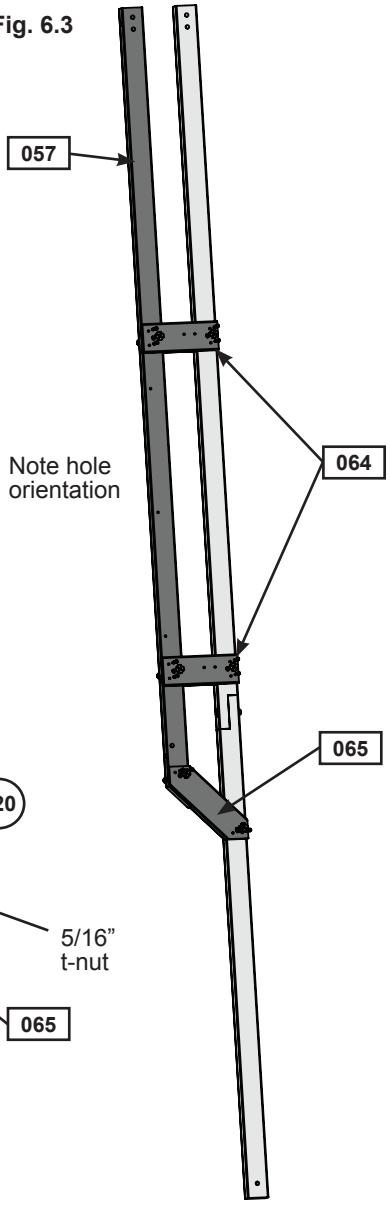


Fig. 6.3



Narrow Rock Wall Frame, Front View

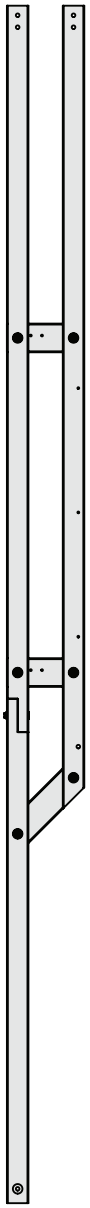
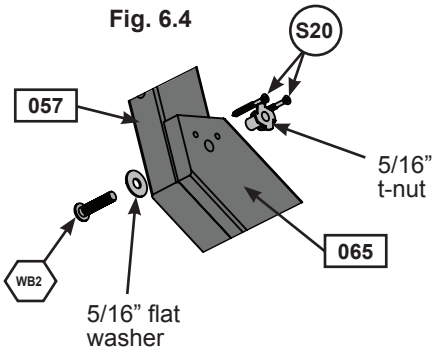


Fig. 6.4



Wood Parts

1 x	051	Rock Wall H 1-1/4 x 2-1/4 x 75-63/64”
1 x	062	Narrow Wall D 1-1/4 x 2-1/4 x 52-49/64”
1 x	057	Narrow Wall A 1-1/4 x 2-1/4 x 84”
2 x	064	Narrow Wall Cross 1-1/4 x 3 x 8-3/32”
1 x	065	Narrow Wall Angled Cross 1-1/4 x 3 x 11-1/4”

Hardware

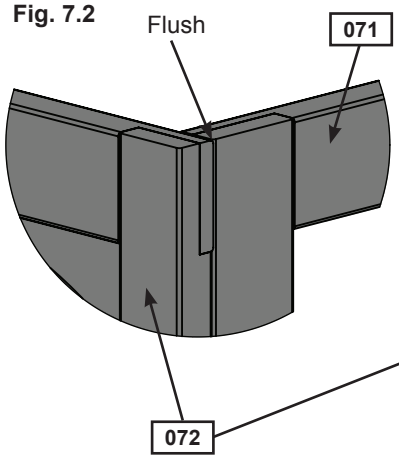
12 x	S20	#8 x 1-3/8” Wood Screw
1 x	H10	5/16 x 1-3/8” Hex Bolt (with 1/4” lock washer, 1/4” flat washer and 1/4” t-nut)
6 x	WB2	5/16 x 1-3/8” Wafer Head Bolt (5/16” flat washer, 5/16” t-nut)

Step 7: Slide Wall Assembly

A: Place (072) Narrow Panel Back against the left side of (071) Nest 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 (072) Narrow Panel Back to (071) Nest End Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (Fig. 7.1, 7.2 and 7.4)

B: Place (073) Narrow Front Panel against the right side of (071) Nest 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 (071) Nest End Panel to (073) Narrow Front Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (Fig. 7.1, 7.3 and 7.4)

Fig. 7.2



Notice (072) Narrow Back Panel overlaps (071) Nest End Panel

Fig. 7.1

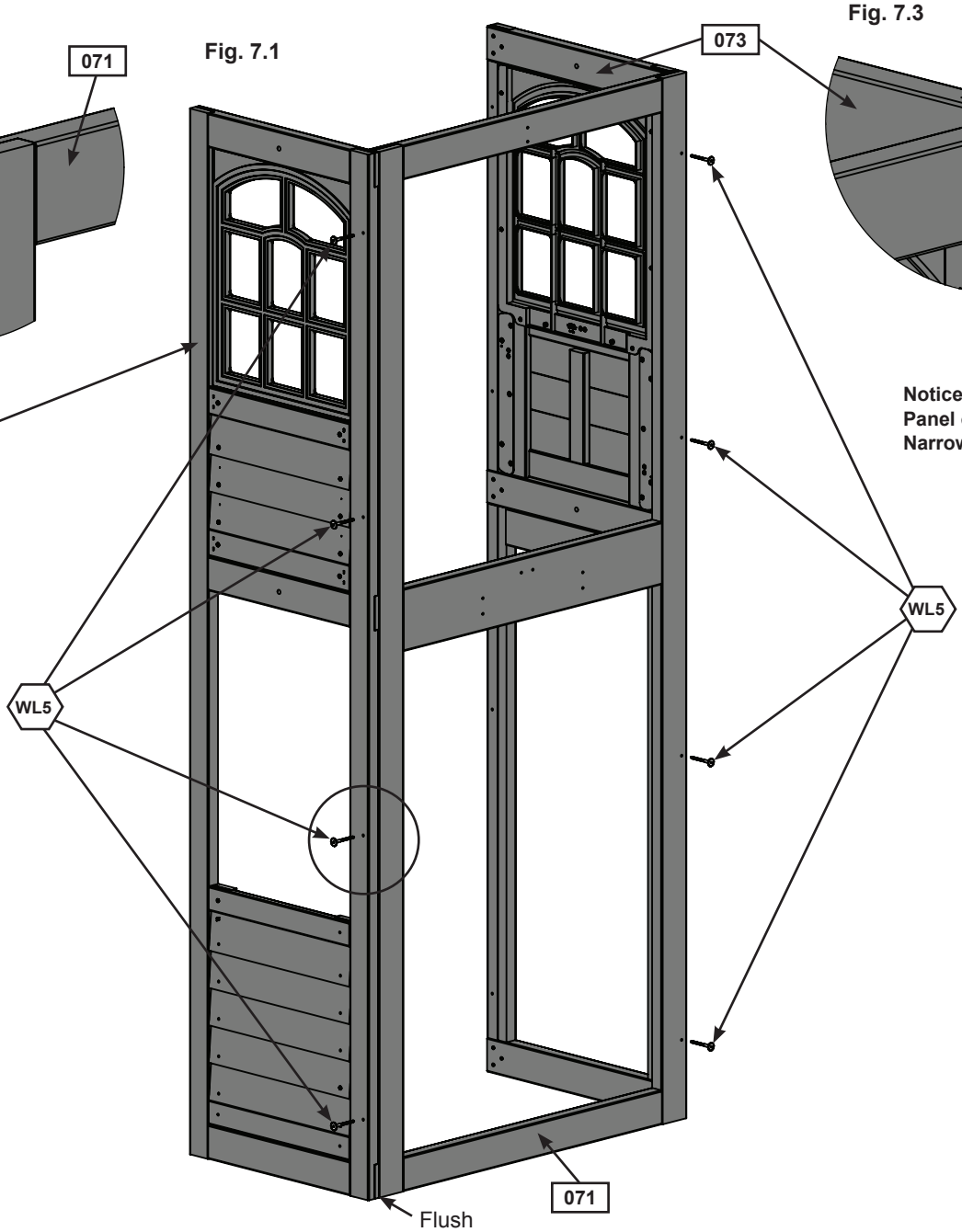
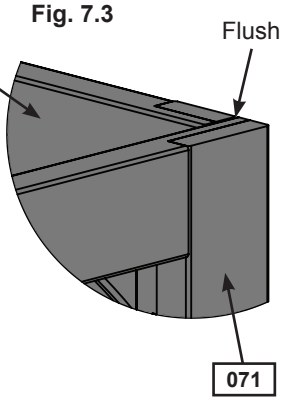
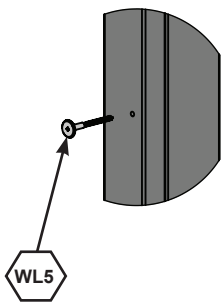


Fig. 7.3



Notice (071) Nest End Panel overlaps (073) Narrow Front Panel

Fig. 7.4



Wood Parts

- 1 x 071 Nest End Panel 1-1/4 x 37 x 92"
- 1 x 072 Narrow Panel Back 1-1/4 x 21-1/2 x 92"
- 1 x 073 Narrow Front Panel 1-1/4 x 21-1/2 x 92"

Hardware

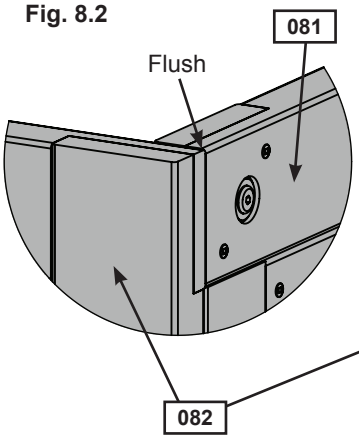
- 8 x WL5 1/4 x 2-1/2" Wafer Lag

Step 8: Swing Wall Assembly

A: Place (082) Panel Front Wall against the left side of (081) 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 (082) Panel Front Wall to (081) SW Wall Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (fig. 8.1 and 8.2)

B: Place (083) Wall Panel Back against the right side of (081) 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 (081) SW Wall Panel to (083) Wall Panel Back with 4 (WL5) 1/4 x 2-1/2" Wafer Lags. (fig. 8.1 and 8.3)

Fig. 8.2



Notice (082) Front Wall Panel overlaps (081) SW Wall Panel

Fig. 8.1

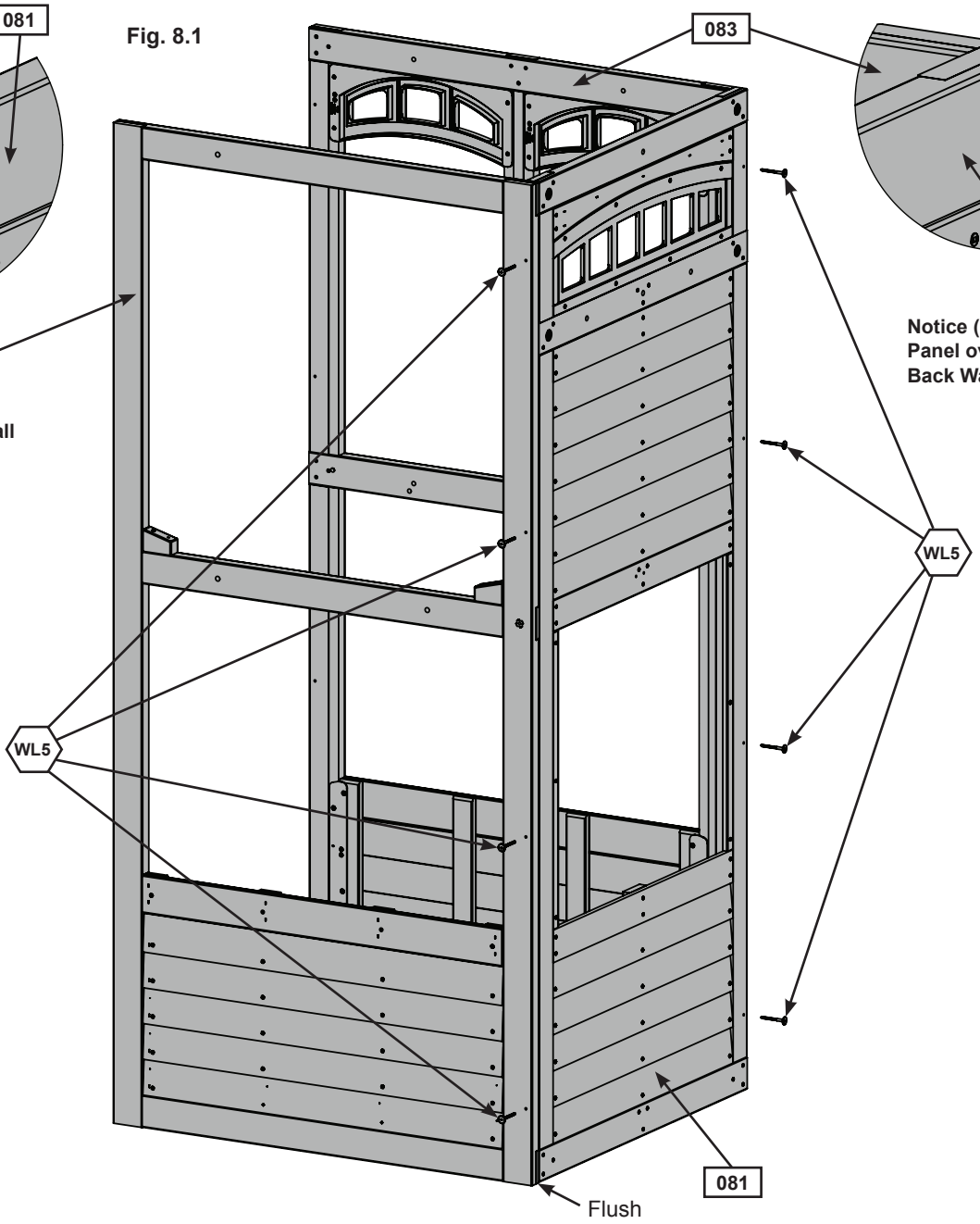
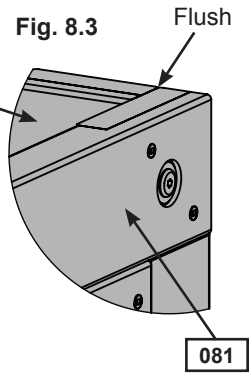


Fig. 8.3



Notice (081) SW Wall Panel overlaps (083) Back Wall Panel

Wood Parts

- 1 x 081 **SW Wall Panel 1-1/4 x 37 x 92"**
- 1 x 082 **Panel Front Wall 1-1/4 x 43 x 92"**
- 1 x 083 **Wall Panel Back 1-1/4 x 43 x 92"**

Hardware

- 8 x WL5 **1/4 x 2-1/2" Wafer Lag**

Step 9: Join Swing and Slide Assemblies Part 1

A: With at least two helpers lift the Slide Wall Assembly and Swing Wall Assembly so the (072) Narrow Panel Back and (073) Narrow Front Panel meet with (083) Wall Panel Back and (082) Panel Front Wall and are tight together as shown in fig. 9.1.

B: Make sure the assembly is square then on the inside of the assembly, tight to (071) Nest End Panel and flush to the bottom of the panels attach 1 (091) Floor Joist to (072) Narrow Panel Back and (083) Wall Panel Back using 4 (S7) #12 x 2" Pan Screws. Attach a second (091) Floor Joist to (073) Narrow Front Panel and (082) Panel Front Wall with 4 (S7) #12 x 2" Pan Screws. (fig. 9.1 and 9.2)

Fig. 9.1

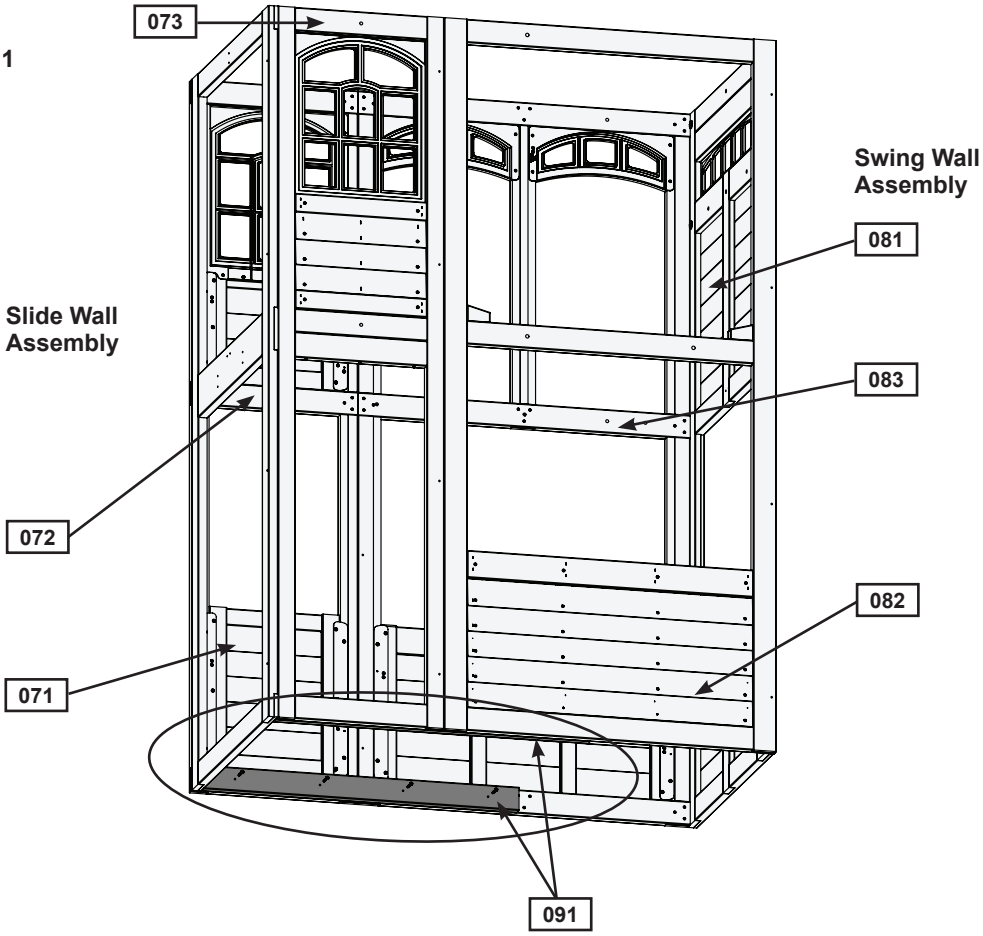
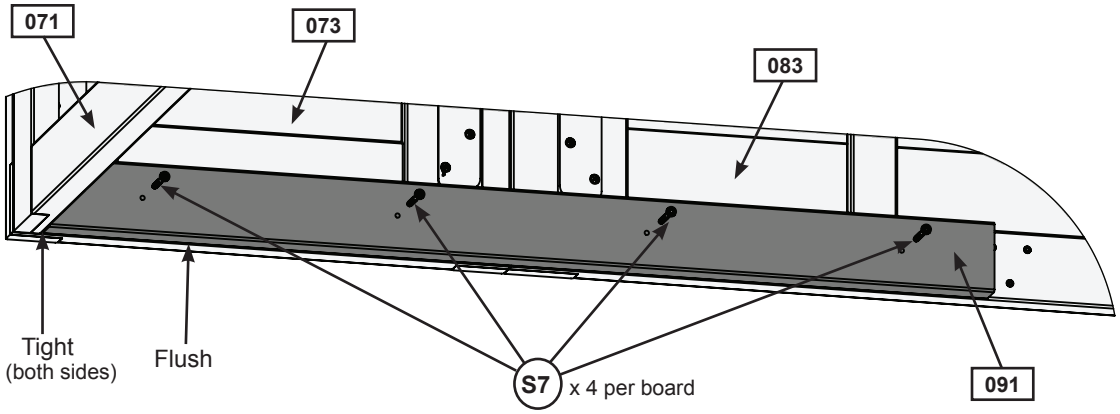


Fig. 9.2



Wood Parts

2 x 091 **Floor Joist 1-1/4 x 3 x 40-3/4"**

Hardware

8 x S7 **#12 x 2" Pan Screw**

Step 9: Join Swing and Slide Assemblies Part 2

Note: It is important to ensure that all t-nuts are installed in the correct locations.

C: Open the Rope Ladder bag and locate the (M8) t-nut. From inside the fort install (M8) t-nut into the Back Wall using the second hole from the left as shown in fig. 9.6.

D: From inside the assembly, install 3 (TN2) 5/16" t-nuts into the Back Wall in the locations shown in fig. 9.4. Place 1 (092) Side Joist so that it's tight to both (071) Nest End Panel and (081) SW Wall Panel, halfway up the assembly and 5/8" below the panel. Attach loosely to (072) Narrow Panel Back and (083) Wall 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 (092) Side Joist is level then attach with 2 (S3) #8 x 2-1/2" Wood Screws and tighten bolts. (Fig. 9.3, 9.4 and 9.5)

E: Repeat Step D to attach 1 (092) Side Joist to (073) Narrow Front Panel and (082) Panel Front Wall. (Fig. 9.3, and 9.4)

Fig. 9.3

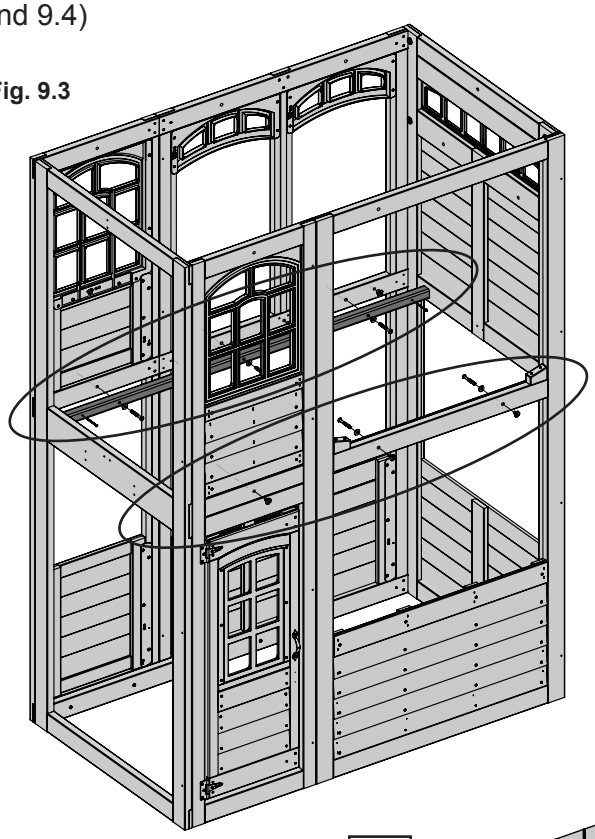


Fig. 9.5

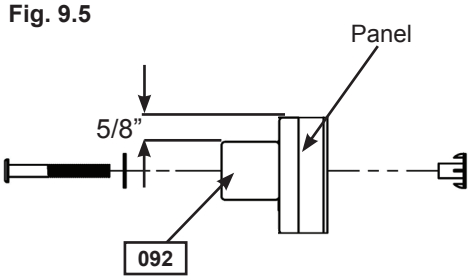


Fig. 9.6

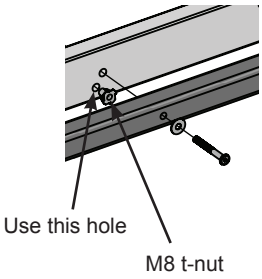
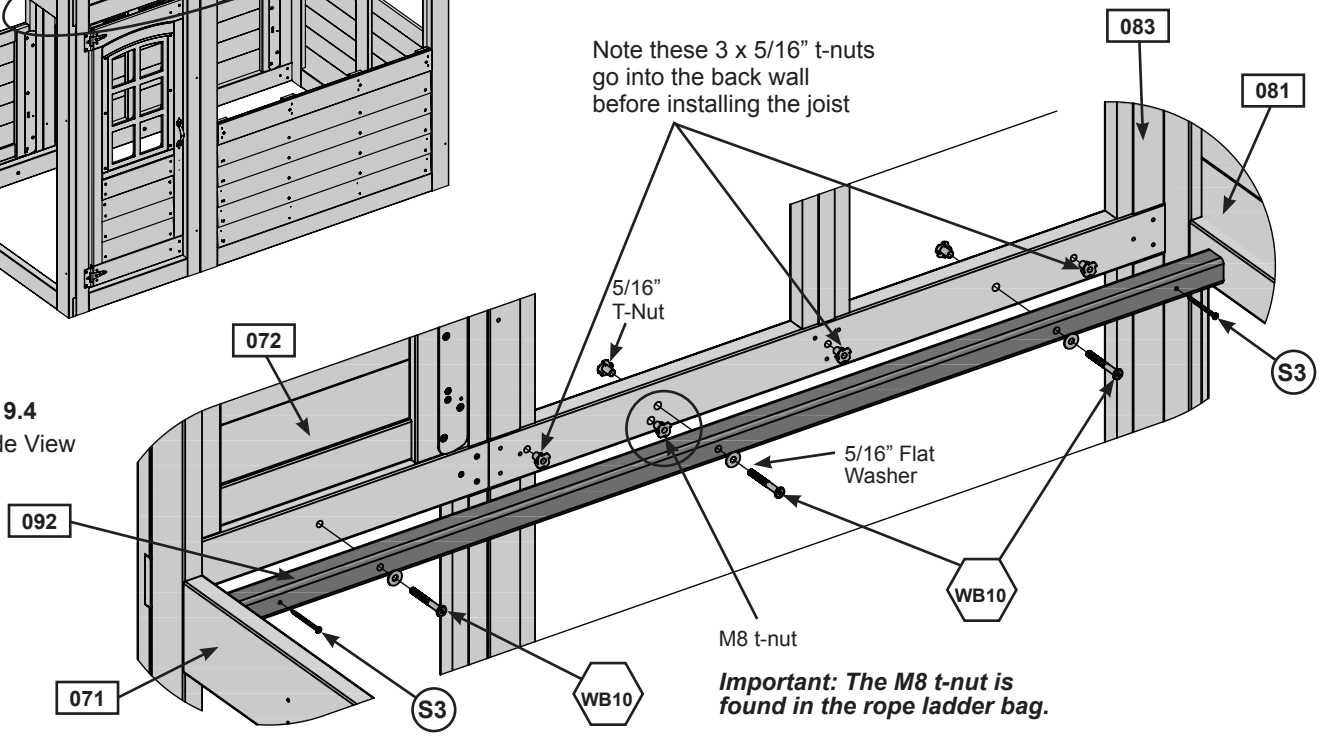


Fig. 9.4
Inside View



Wood Parts

2 x 092 **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 TN2 **5/16" t-nuts**

Step 10: Install 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 (042) Front Wall Tie and (043) Back Wall Tie are tight to Wall Panel as shown in fig.10.1. Loosely attach the assembly using 4 (H10) 1/4 x 2-1/4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.1 and 10.2)

B: Place (101) Nest Center Joist so that it lines up with the remaining set of pre-drilled holes in the (041) Nest Mid Joist and the center of (071) Nest End Panel and attach using 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 10.3 and 10.4)

C: Make sure that assembly is level and install 4 (S11) #8 x 2" Wood Screws into (042) Front Wall Tie and (043) Back Wall Tie as shown in fig.10.5. Tighten all bolts. (fig. 10.3 and 10.5)

Fig. 10.1

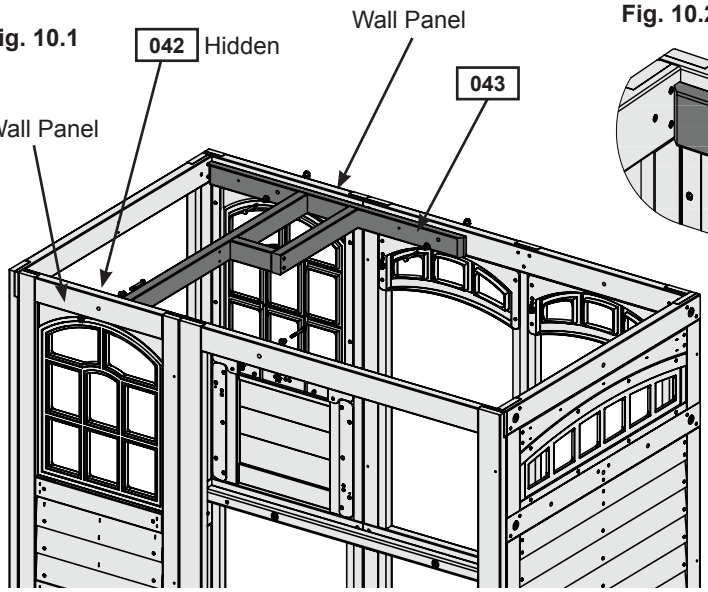


Fig. 10.2

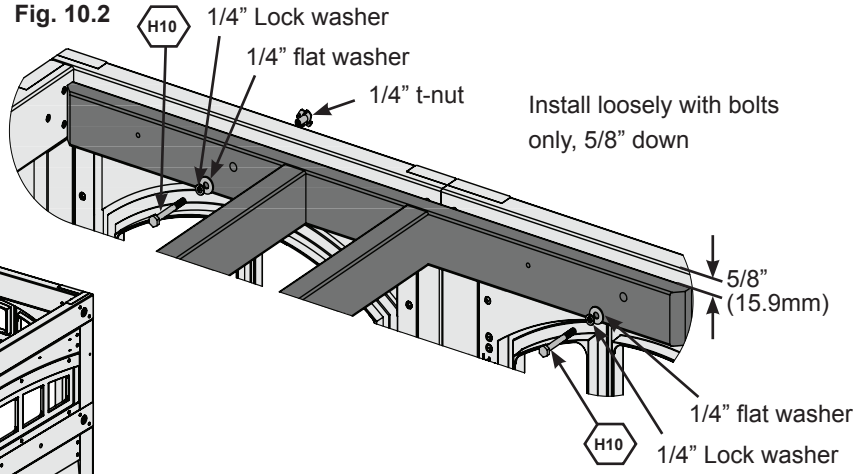


Fig. 10.3

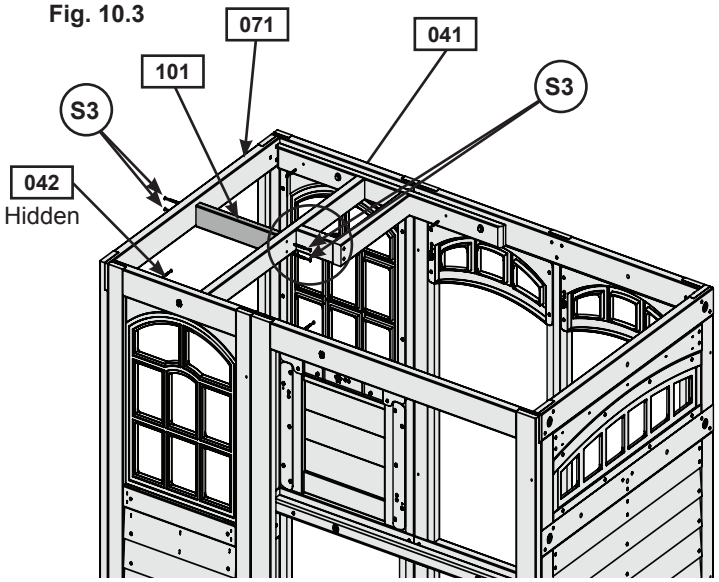


Fig. 10.4

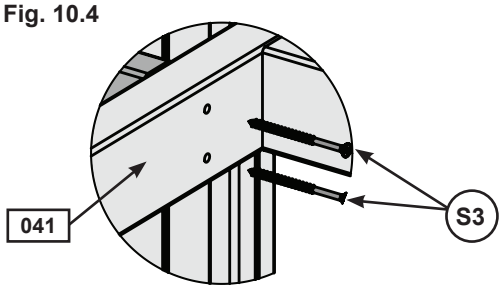
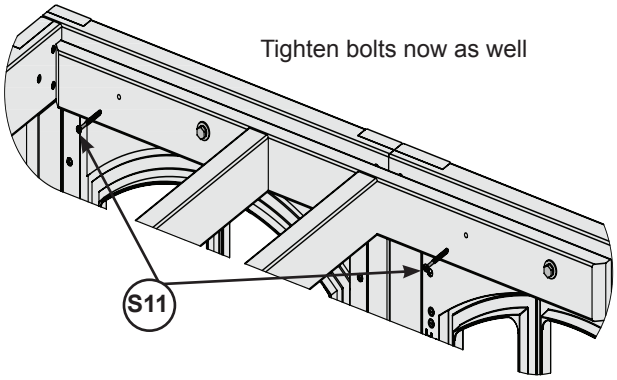


Fig. 10.5



Wood Parts

1 x 101 **Nest Center Joist 15/16 x 2-3/8 x 12-1/8"**

Hardware

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

4 x S11 **#8 x 2" Wood Screw**

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

Step 11: Install Brackets

A: On the inside of the assembly attach (072) Narrow Panel Back to (083) Wall Panel Back using 2 Flat Panel Brackets in the places shown with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 11.1 and 11.2)

B: Repeat Step A to attach (073) Narrow Front Panel to (082) Front Wall Panel. (fig. 11.1 and 11.2)

C: In each bottom corner of the assembly attach 1 Panel Corner Bracket with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 11.1 and 11.3)

Fig. 11.1

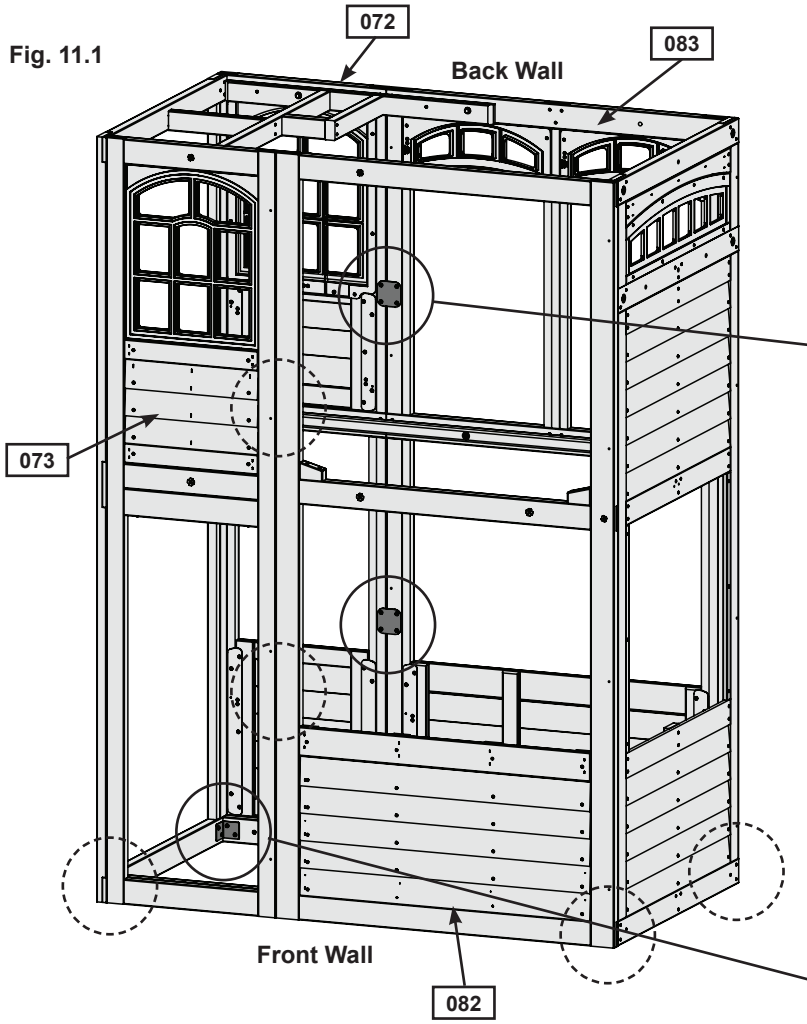


Fig. 11.2
Inside View

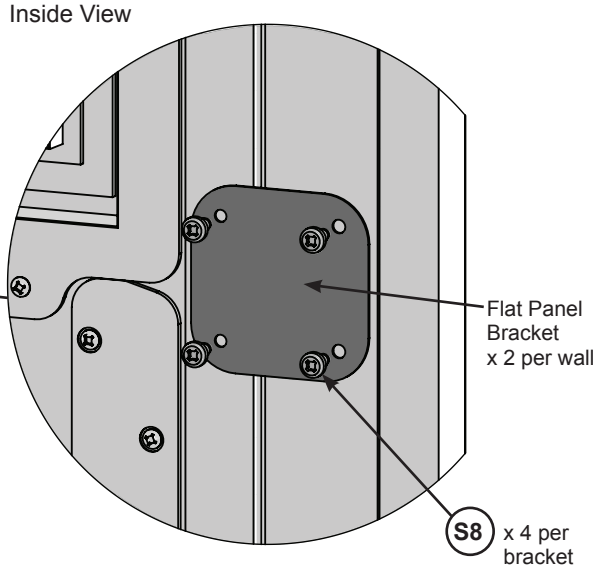
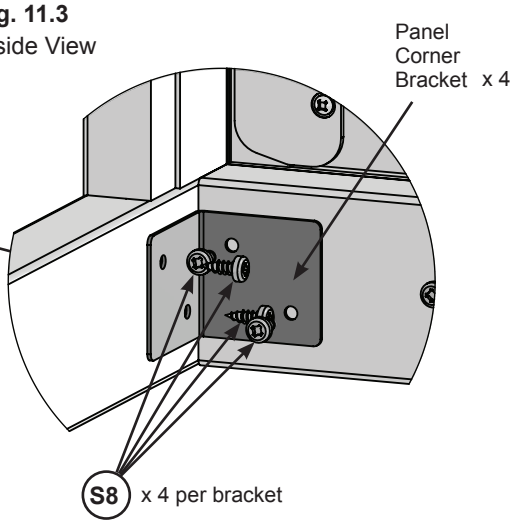


Fig. 11.3
Inside View



Hardware

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

Other Parts

4 x Flat Panel Bracket
4 x Panel Corner Bracket

Step 12: Floor Assembly Part 1

A: Place 1 (121) Floor Board tight to (071) Nest End Panel and place a second (121) Floor Board tight to (081) SW Wall Panel. Attach each Floor Board to the (092) Side Joists with 4 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 12.1 and 12.2)

B: From underneath, place (122) Long Floor Joist centered and tight to the bottom of each (121) Floor Board. Make sure that (122) Long Floor Joist is centred over the pilot holes on the (071) Nest End Panel and (081) SW Wall Panel then attach with 2 (S4) #8 x 3" Wood Screws per panel. Attach (121) Floor Boards to (122) Long Floor Joist with 2 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 12.1, 12.2 and 12.3)

Fig. 11.1

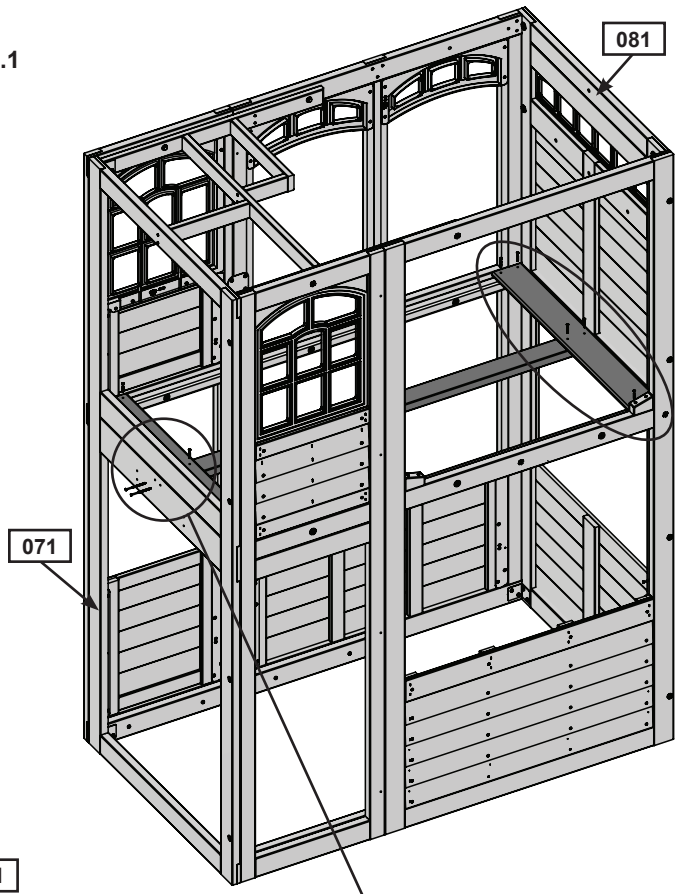


Fig. 11.2

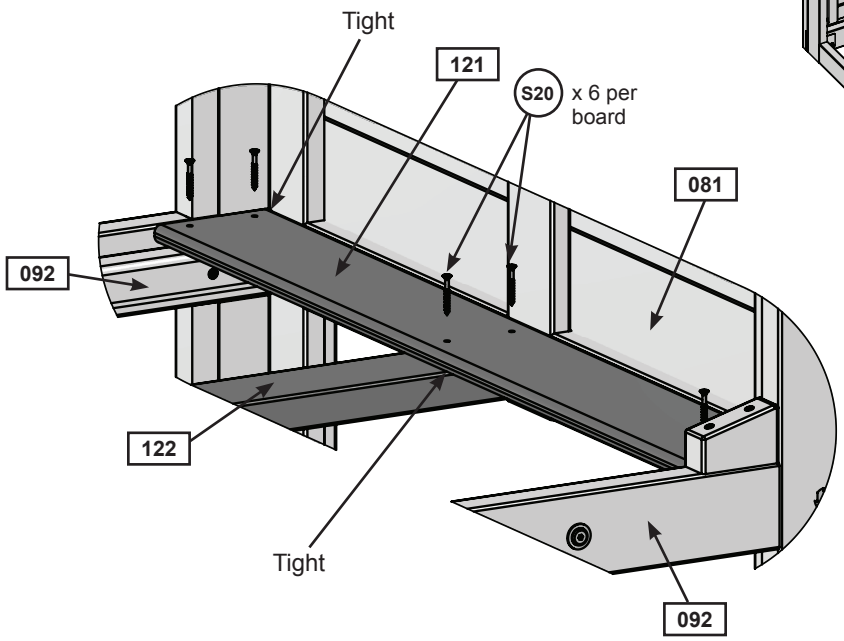
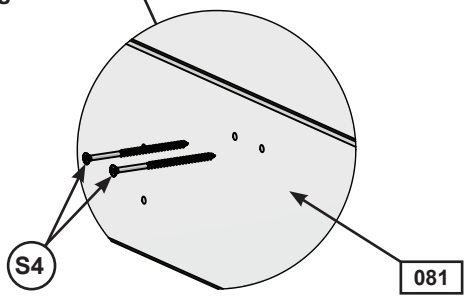


Fig. 11.3



Wood Parts

2 x 121 Floor Board 5/8 x 4-1/2 x 35-5/8"
1 x 122 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 12: 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 (121) Floor Boards tight to the previously attached (121) Floor Board, followed by 1 (123) Floor Board then 8 more (121) Floor Boards. Make sure all boards are equally spaced then attach to (122) Long Floor Joist and each (092) Side Joist with 6 (S20) #8 x 1-3/8" Wood Screws per board. (fig. 12.4, 12.5 and 12.6)

Fig. 12.4

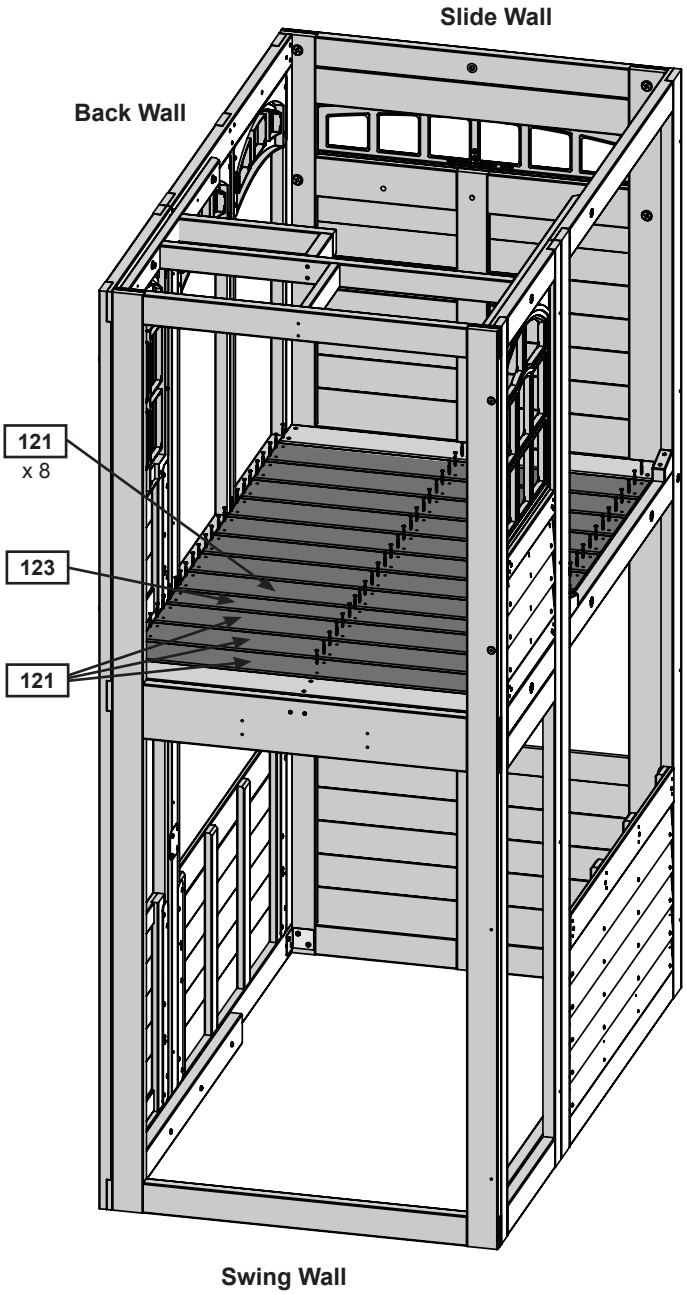


Fig. 12.5
Top View

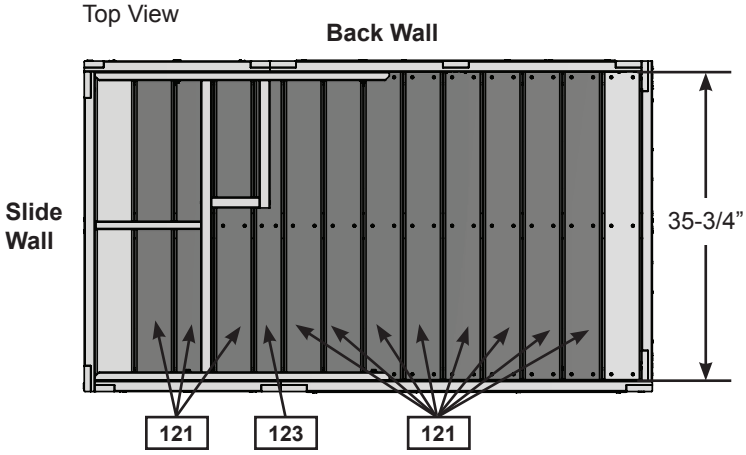
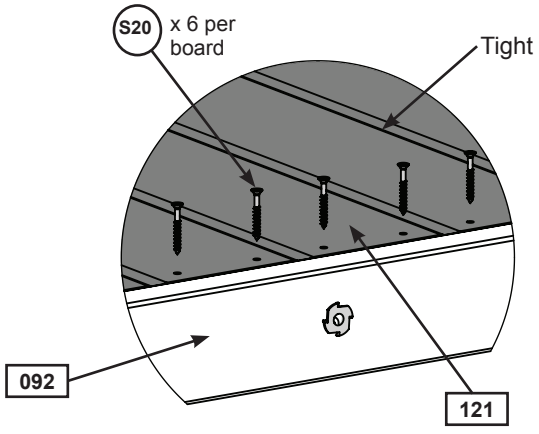


Fig. 12.6



Wood Parts

11 x 121 Floor Board 5/8 x 4-1/2 x 35-5/8"
1 x 123 Floor Board 5/8 x 3-3/8 x 35-5/8"

Hardware

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

Step 13: Attach Wall Tops

A: In the opening of (081) SW Wall Panel, from the inside, place (131) SW Wall Top, tight to the corner of the panels with overhang facing in. Attach using 1 (S11) #8 x 2" Wood Screw at each end as shown in fig. 13.1 and 13.2.

B: In the opening of (083) Wall Panel Back, from the inside, attach (132) Wall Top tight to the corner of the panel with overhang facing in using 1 (S11) #8 x 2" Wood Screw at each end as shown in fig. 13.1 and 13.3.

C: 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. (fig. 13.1 and 13.3)

Fig. 13.2
Inside View

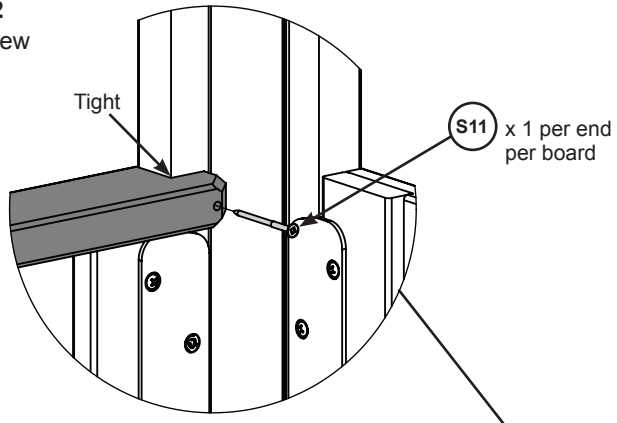


Fig. 13.3
Inside View

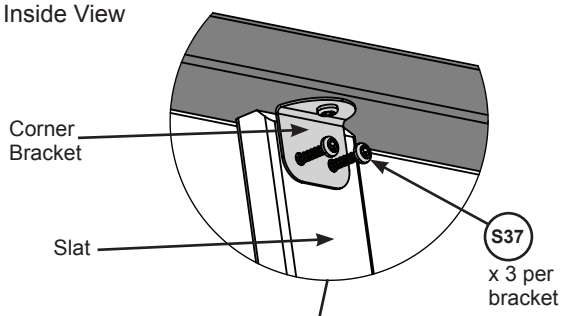
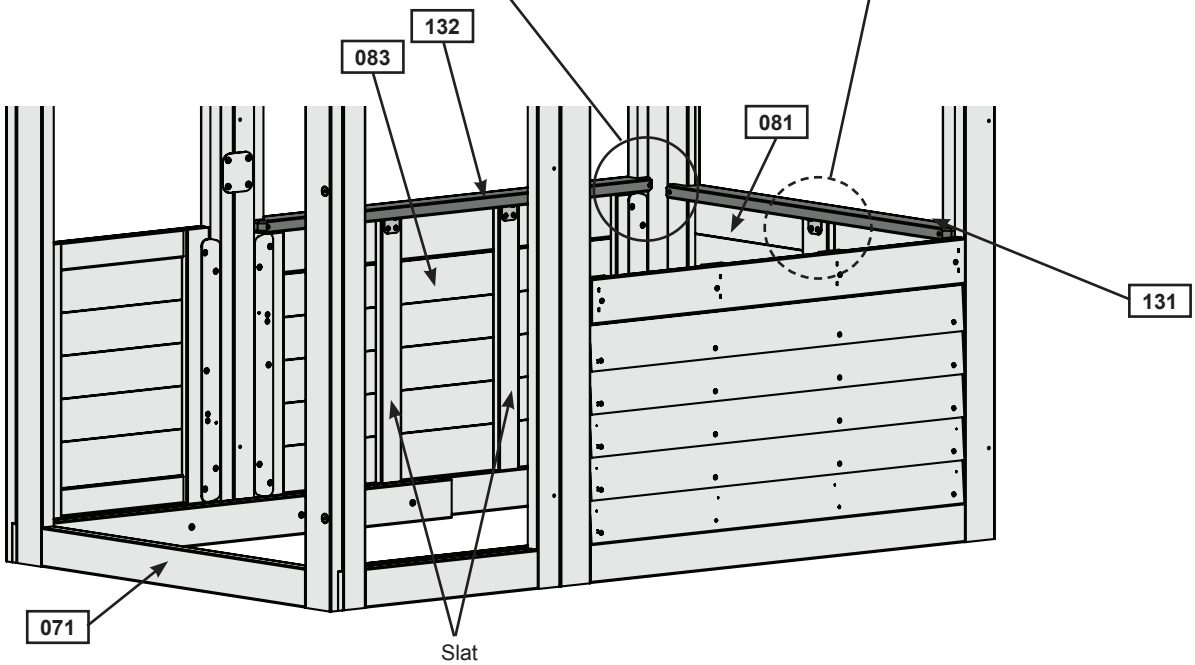


Fig. 13.1



Wood Parts

1 x 131 SW Wall Top 15/16 x 2-3/8 x 33-1/2"
1 x 132 Half Wall Top 15/16 x 2-3/8 x 39"

Hardware

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

Other Parts

3 x Corner 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 (081) SW Wall Panel. The (141) SW Ground should be flush to the bottom of (081) 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 (081) 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. 14.1 and 14.2)

C: Make sure bottom of (141) SW Ground is flush to bottom of (081) SW Wall Panel then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. Tighten the (WB9) Wafer Bolt installed in Step A. (fig. 14.1 and 14.2)

Fig. 14.1

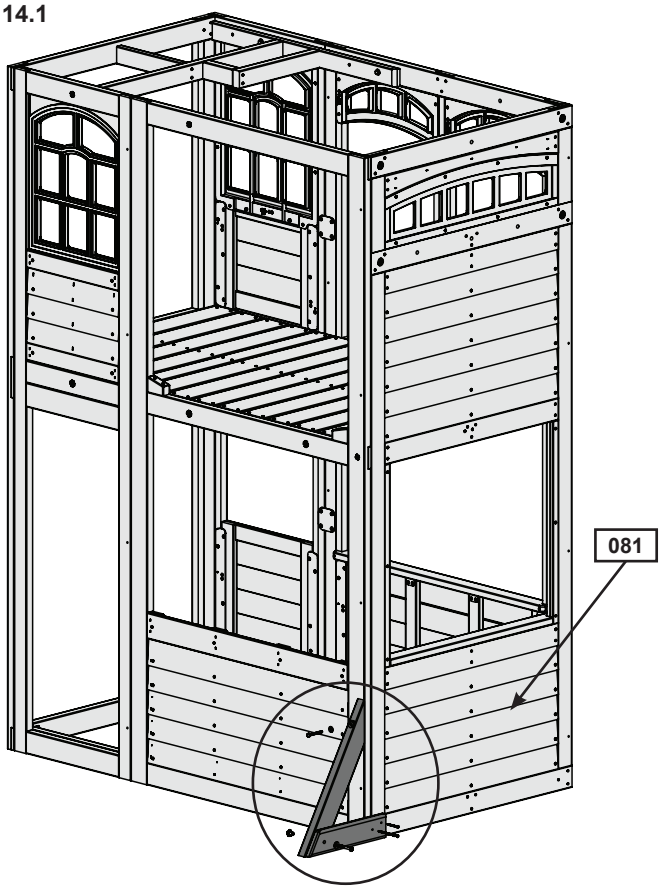
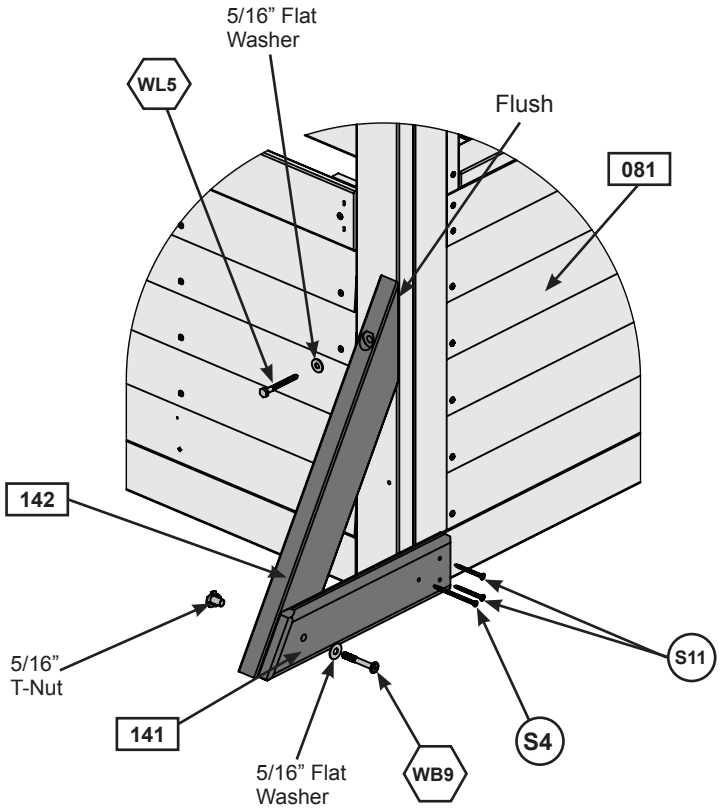


Fig. 14.2



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/Rope Wall Assembly Part 1

A: Place Access Ladder/Rockwall Assembly from Step 3 against (083) Wall Panel Back, flush to the outside edge and flush to the top of the floor boards then attach with 3 (WB9) 5/16 x 2-1/8" Wafer Bolt (with flat washer). (fig. 15.1 and 15.2)

Fig. 15.1

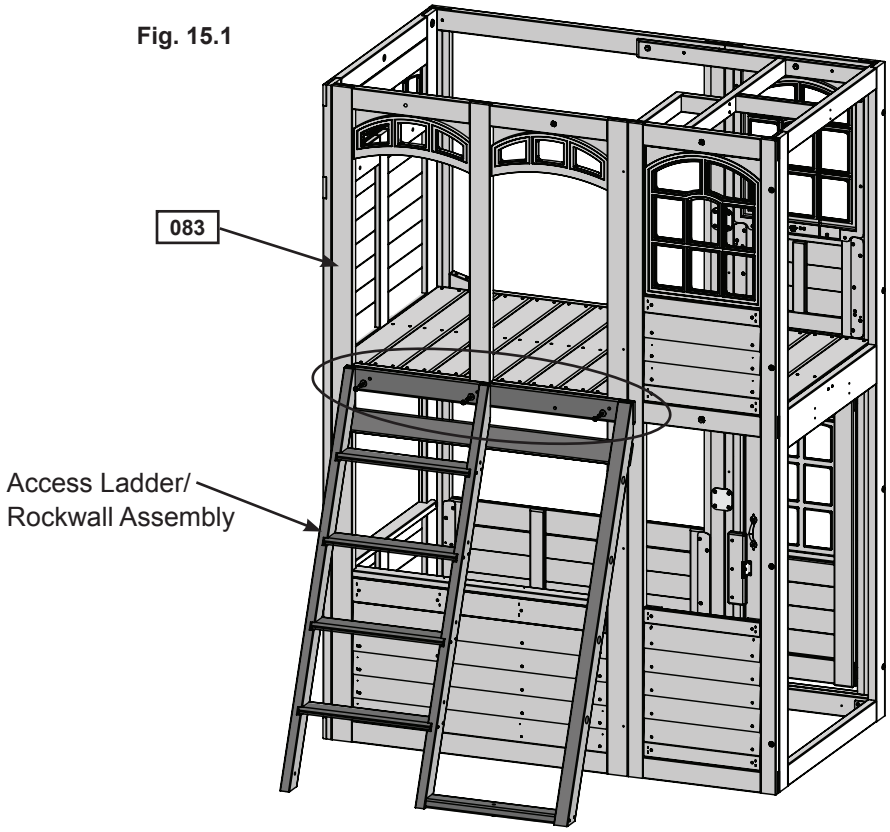
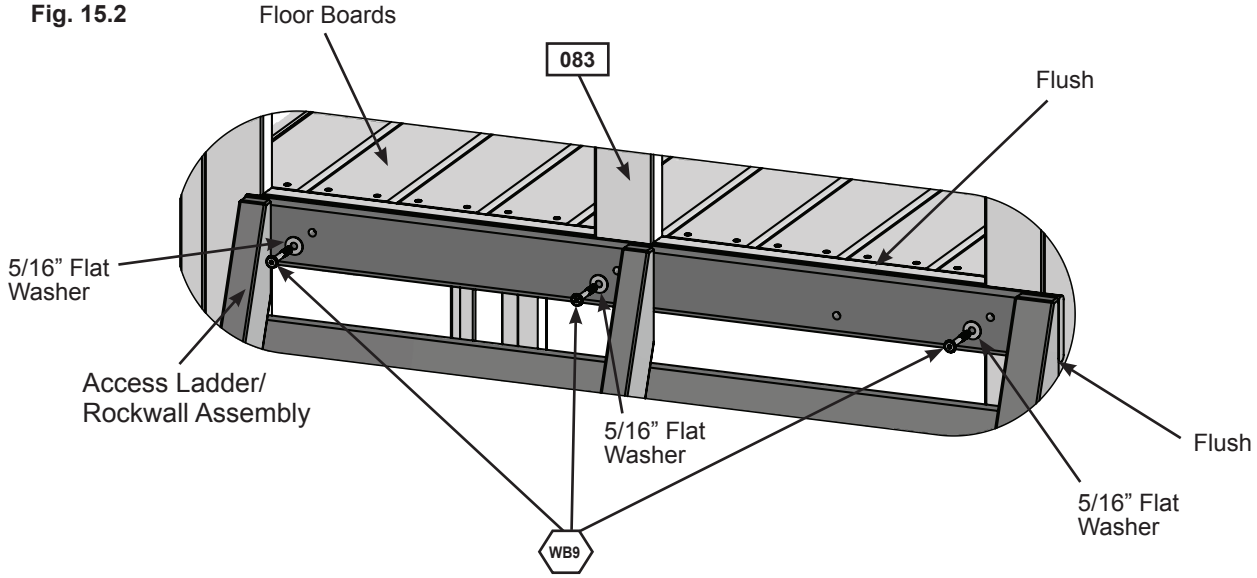


Fig. 15.2



Hardware

3 x WB9 5/16 x 2-1/8" Wafer Bolt (5/16" flat washer)

Step 15: Attach Access Ladder/Rope Wall Assembly Part 2

B: Starting with the top of the rope ladder, insert the bolt through the hole in (025) RW-AL Support and tighten bolt to connect it to the (M8) t-nut (previously installed). Attach the sides of the rope ladder to each access rail and the bottom end into the (027) Rope Bottom using the flat washers and lock nuts provided. (Fig. 15.3 and 15.4)

Fig. 15.4

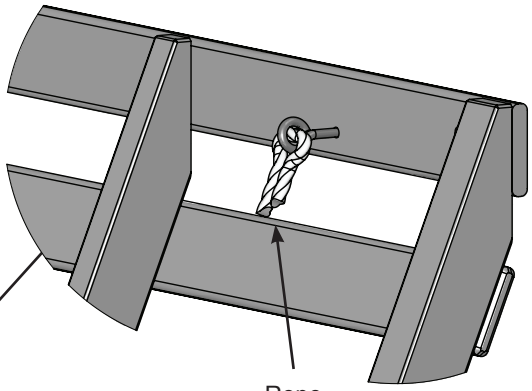
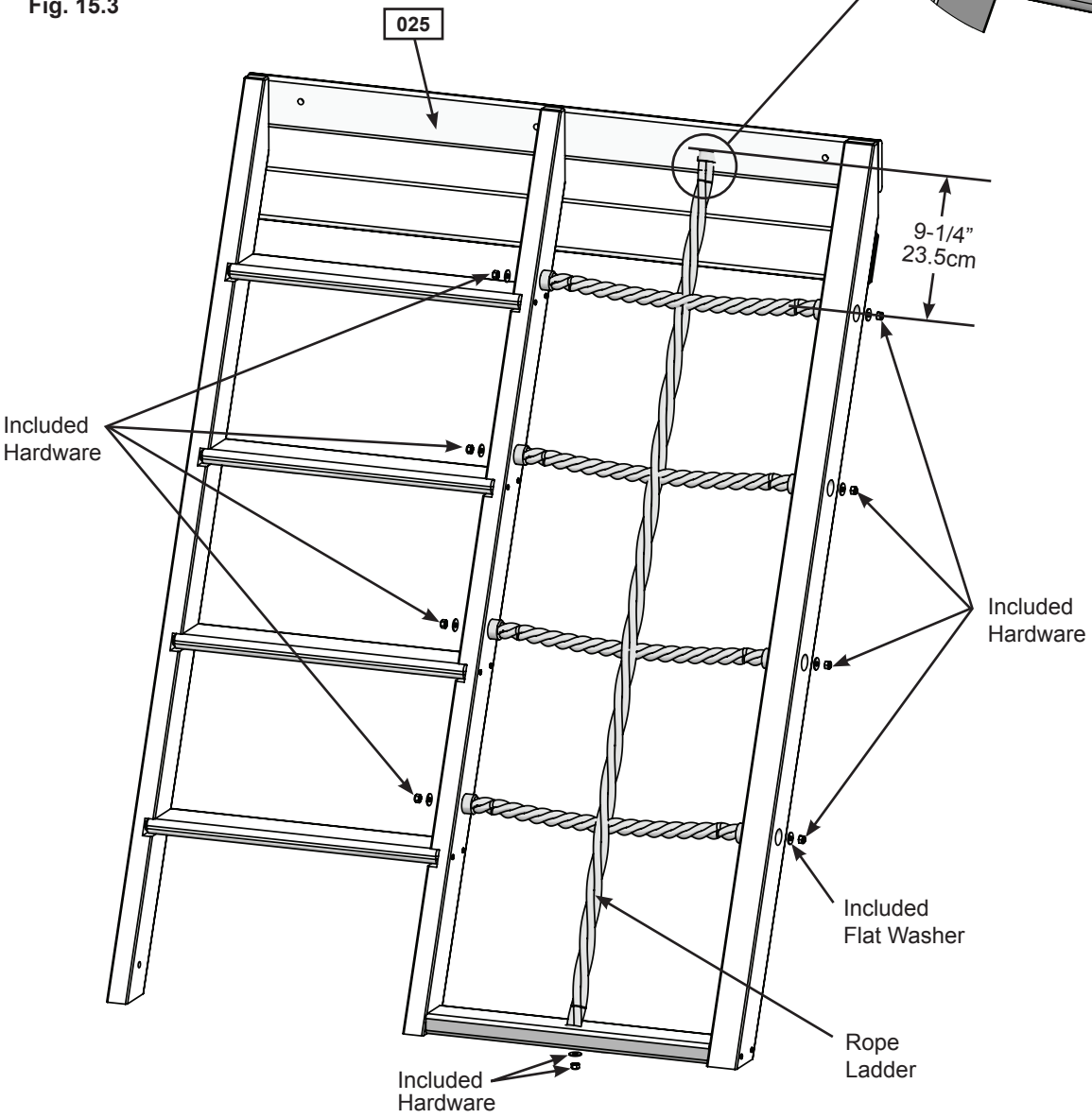


Fig. 15.3



Other Parts

Rope Ladder with Hardware

Step 15: Attach Access Ladder/Rope Wall 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 (083) Wall Panel Back. Attach (151) Support Diagonal to (021) Left Access Rail using 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 15.5 and 15.6)

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. 15.4). Attach each Corner Panel Bracket using 4 (S0) #8 x 7/8" Truss Screws. (fig. 15.5 and 15.6)

Fig. 15.5

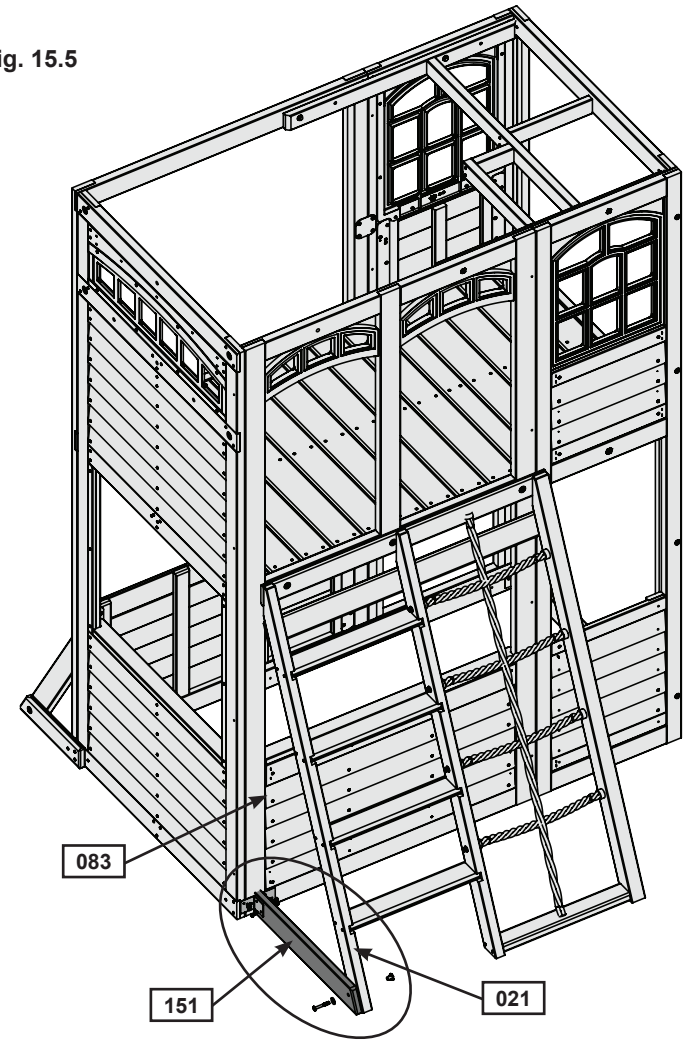
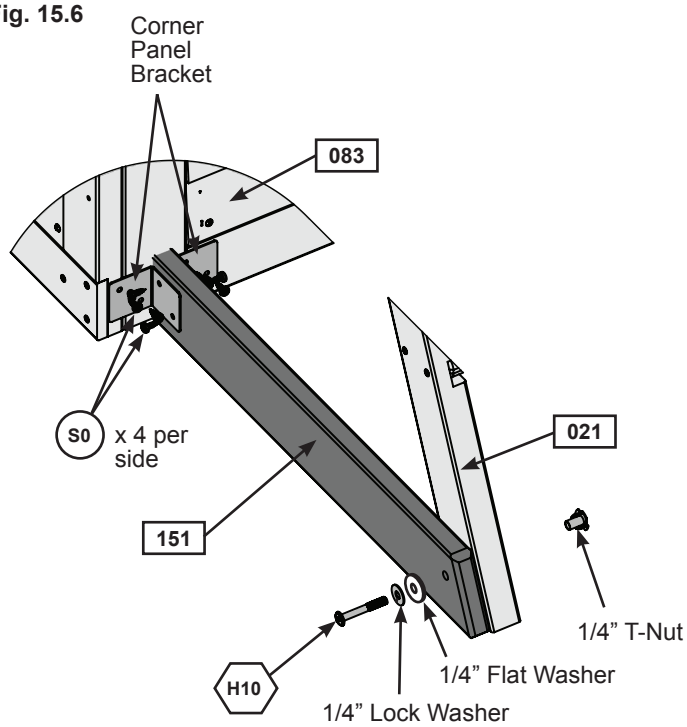


Fig. 15.6



Wood Parts

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

Hardware

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

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

Other Parts

2 x Corner Panel Bracket

Step 16: Attach Steel Hand Grips and Handrail to Fort Part 1

A: On the (083) Back Wall Panel, measure 5-1/2” up from the (025) RW-AL Support in the 2 locations shown in fig. 16.1. Place the Steel Hand Grips in position and mark the hole locations on the panel. Pre-drill with a 1/8” drill bit making sure the holes are centered then attach each Steel Hand Grip using 2 (WL3) 1/4 x 1-3/8” Wafer Lags (with flat washer). (fig. 16.1 and 16.2)

Fig. 16.1

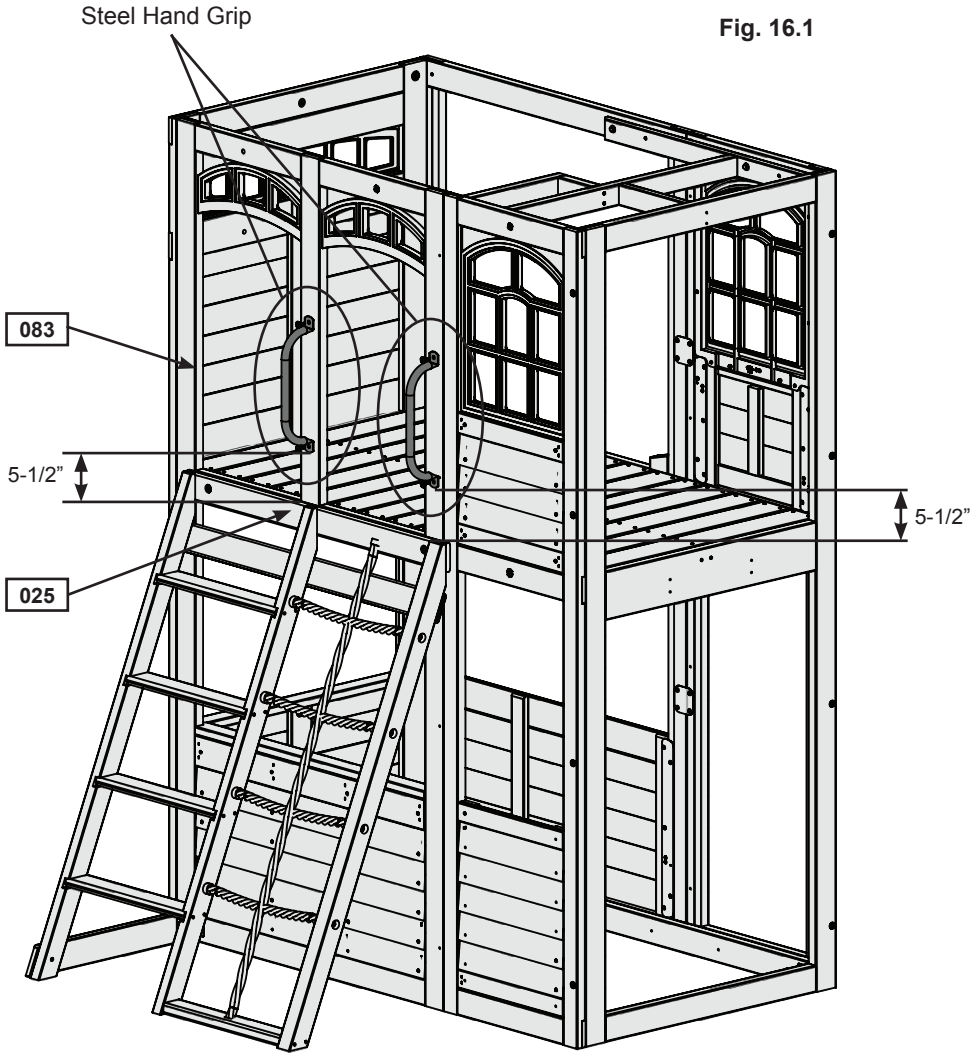
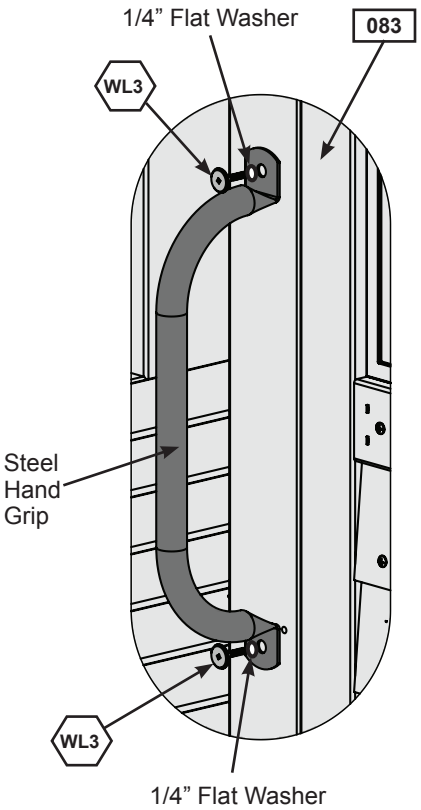


Fig. 16.2



Hardware

4 x WL3 1/4 x 1-3/8” Wafer Lag (1/4” flat washer)

Other Parts

2 x Steel Hand Grip

Step 16: Attach Steel Hand Grips and Handrail to Fort Part 2

A: On the inside edge of (083) Back Wall Panel, measure 2” up from the floor and place EN71 Hand Rail so it is flush to the edge as shown in fig. 16.4. The bottom of the Handrail should be centered 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. 16.3 and 16.4)

Fig. 16.3

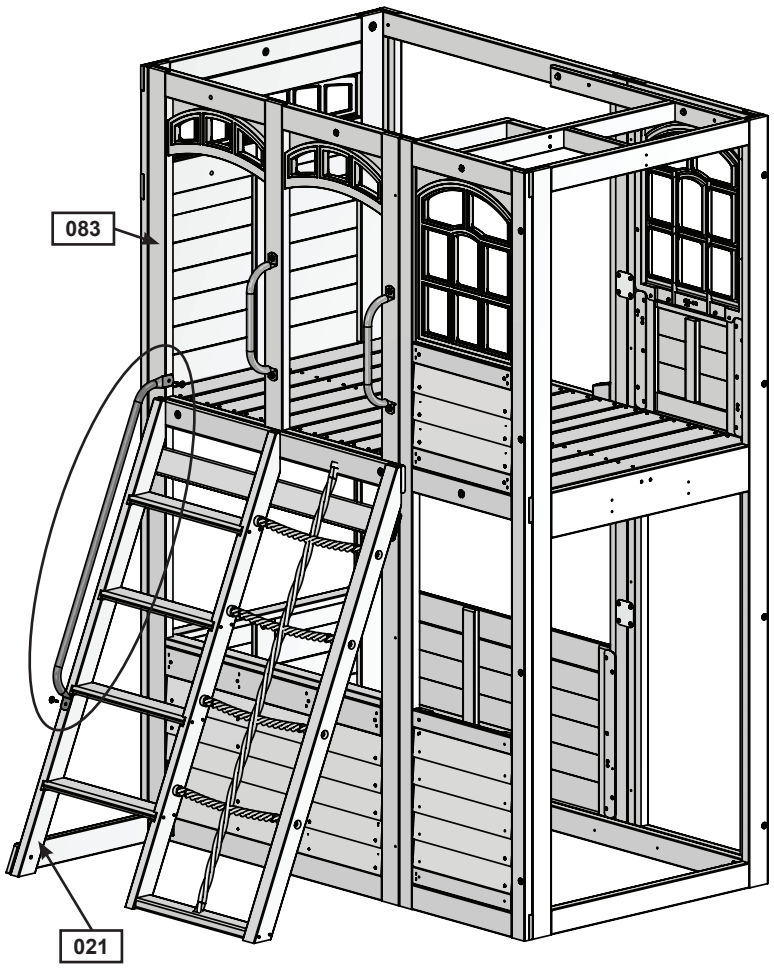
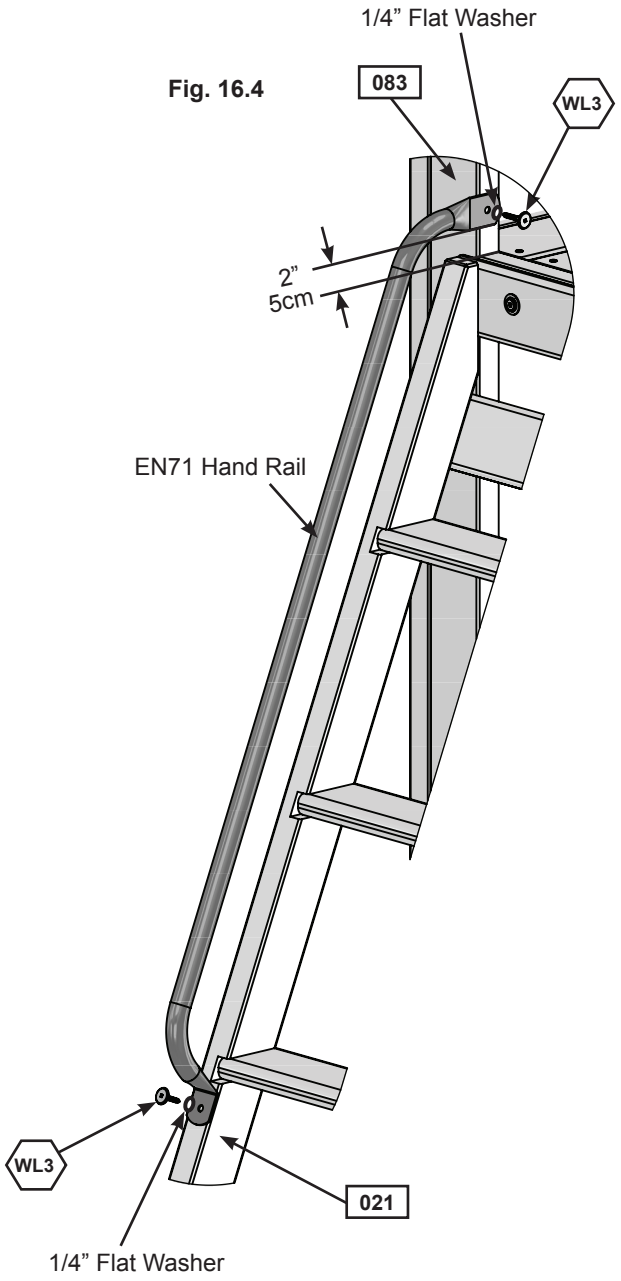


Fig. 16.4



Hardware

2 x WL3 **1/4 x 1-3/8” Wafer Lag (1/4” flat washer)**

Other Parts

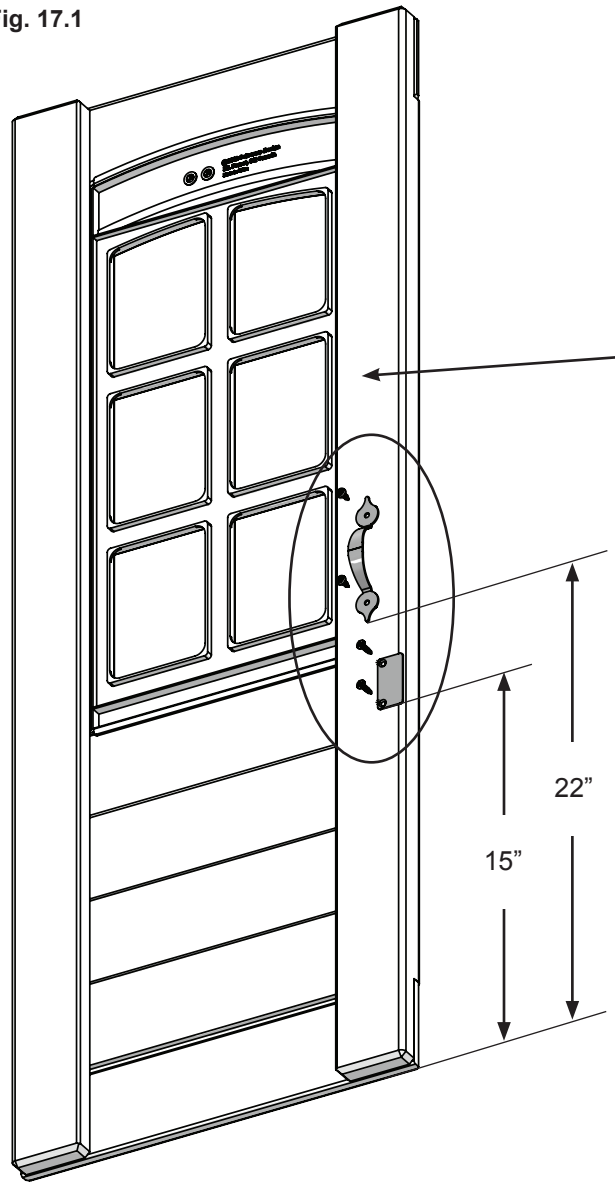
1 x EN71 Hand Rail

Step 17: Door Panel Assembly Part 1

A: On the inside of (171) 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. 17.1 and 17.2)

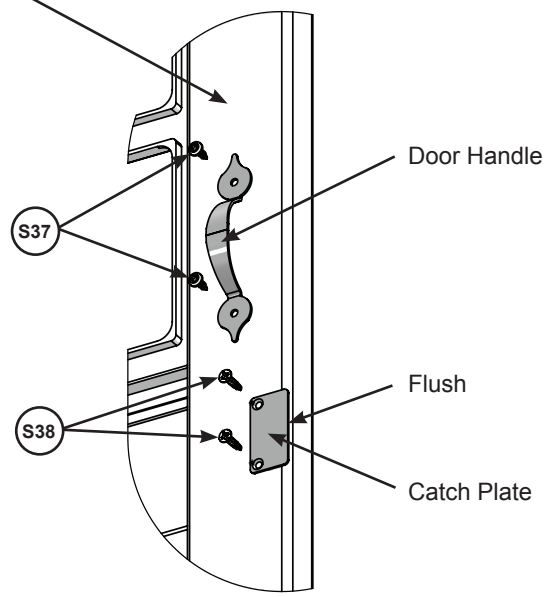
B: On the inside of (171) Door Window Panel measure 22” up from the bottom and attach 1 Door Handle using 2 (S37) #7 x 5/8” Pan Screws. (fig. 17.1 and 17.2)

Fig. 17.1



Inside View

Fig. 17.2



Wood Parts	Hardware	Other Parts
1 x 171 Door Window Panel 1-1/4 x 15-3/4 x 42-1/8”	2 x S38 #7 x 1-1/8” Pan Screw	1 x Door Handle
	2 x S37 #7 x 5/8” Pan Screw	1 x Catch Plate

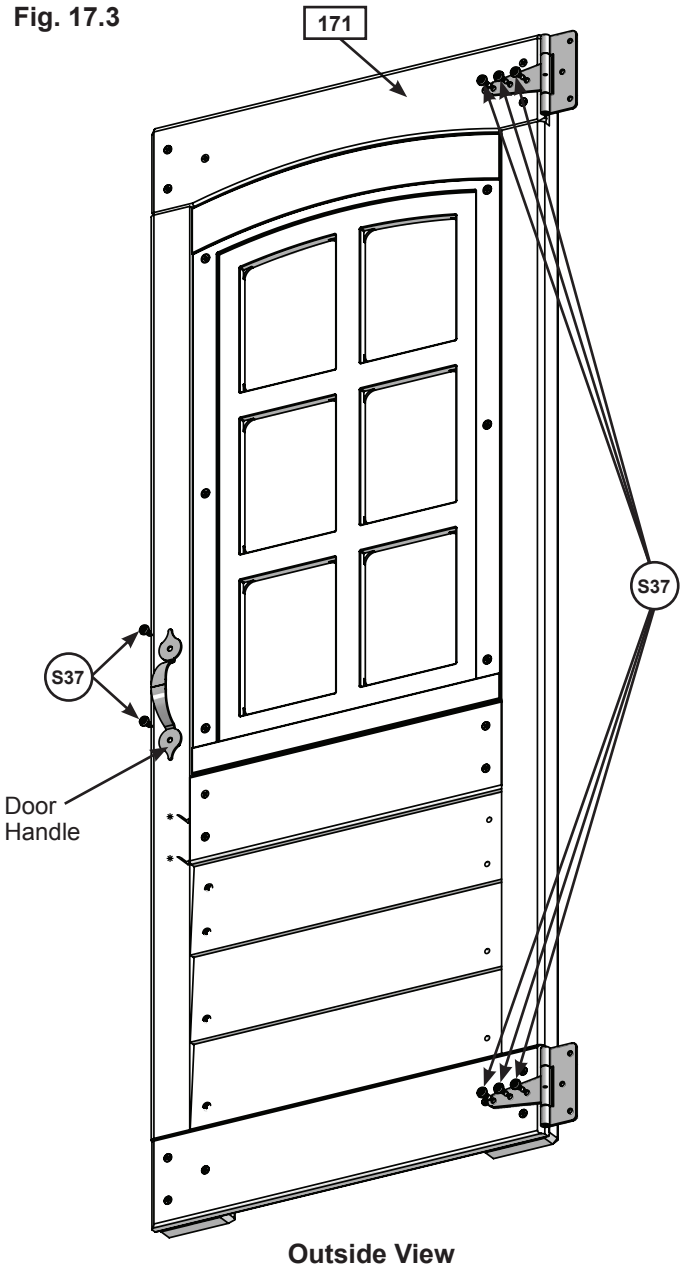
Step 17: Door Panel Assembly Part 2

C: On the outside of the (171) 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. 17.3)

D: Attach 2 Door Hinges on the outside of the (120) Door Window Panel on the opposite side from the Door Handle. Judge spacing based on fig. 17.3. Use 3 (S37) #7 x 5/8" Pan Screws per Hinge.

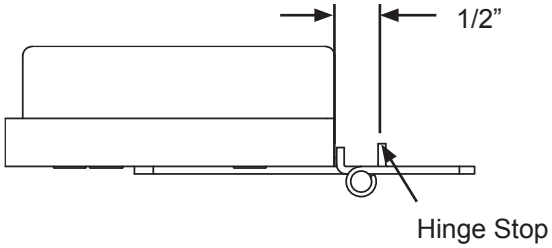
Note: Hinge stops must be tight to (171) Door Window Panel. (fig. 17.4)

Fig. 17.3



Outside View

Fig. 17.4
Top View



Hardware

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

Other Parts

1 x Door Handle

2 x Door Hinge

Step 17: Door Panel Assembly Part 3

E: In the opening for the door, measure 3/4” from the top of (073) Narrow Front Panel bottom and maximum 5/8” from left side of the opening which would be the Door Hinge side and attach the remaining side of the hinges to (073) Narrow Front Panel using 3 (S37) #7 x 5/8” Pan Screws per hinge. (fig. 17.5 and 17.6)

Fig. 17.5

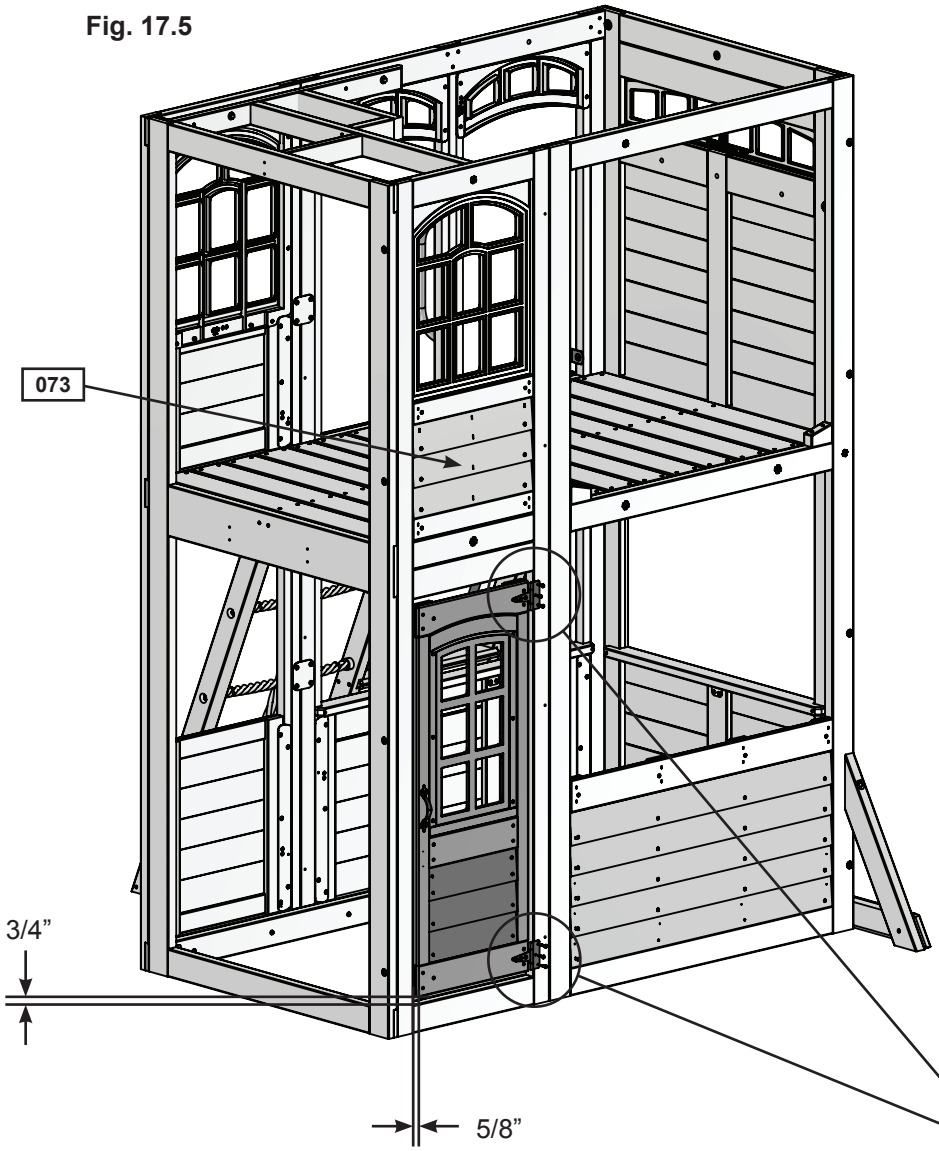
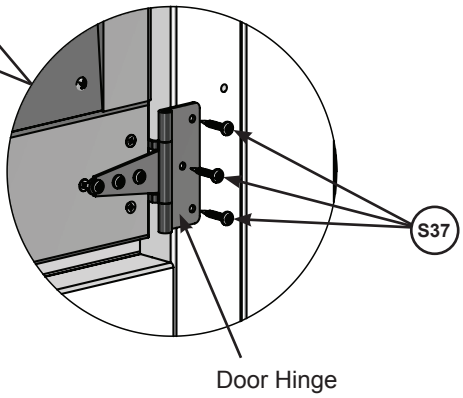


Fig. 17.6



Hardware

6 x (S37) #7 x 5/8” Pan Screw

Step 17: Door Panel Assembly
Part 4

F: In the notched out opening of (172) Door Stop attach the Magnetic Catch using 2 (S38) #7 x 1-1/8" Pan Screws. (fig. 17.7) **Important: Use a hand held screw driver and DO NOT over tighten.**

G: On the inside of the assembly, attach (172) Door Stop to (073) Narrow Front Panel with 3 (S11) #8 x 2" Wood Screws, making sure (172) Door Stop overhangs (073) Narrow Front Panel by 1-1/4" and is in position to receive the Catch Plate. (fig. 17.8 and 17.9).

Fig. 17.7

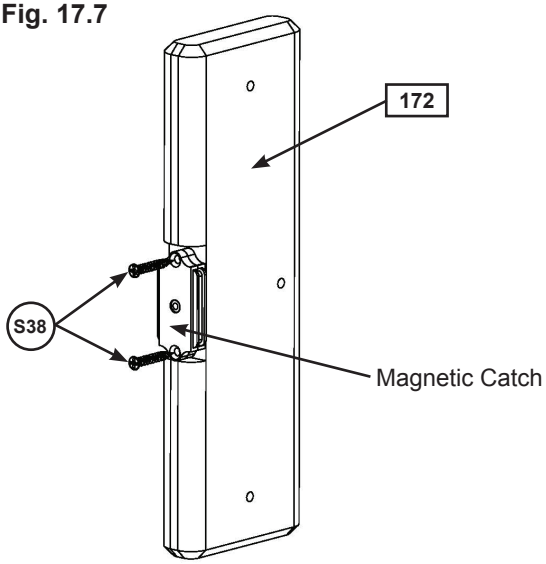


Fig. 17.8
Inside View

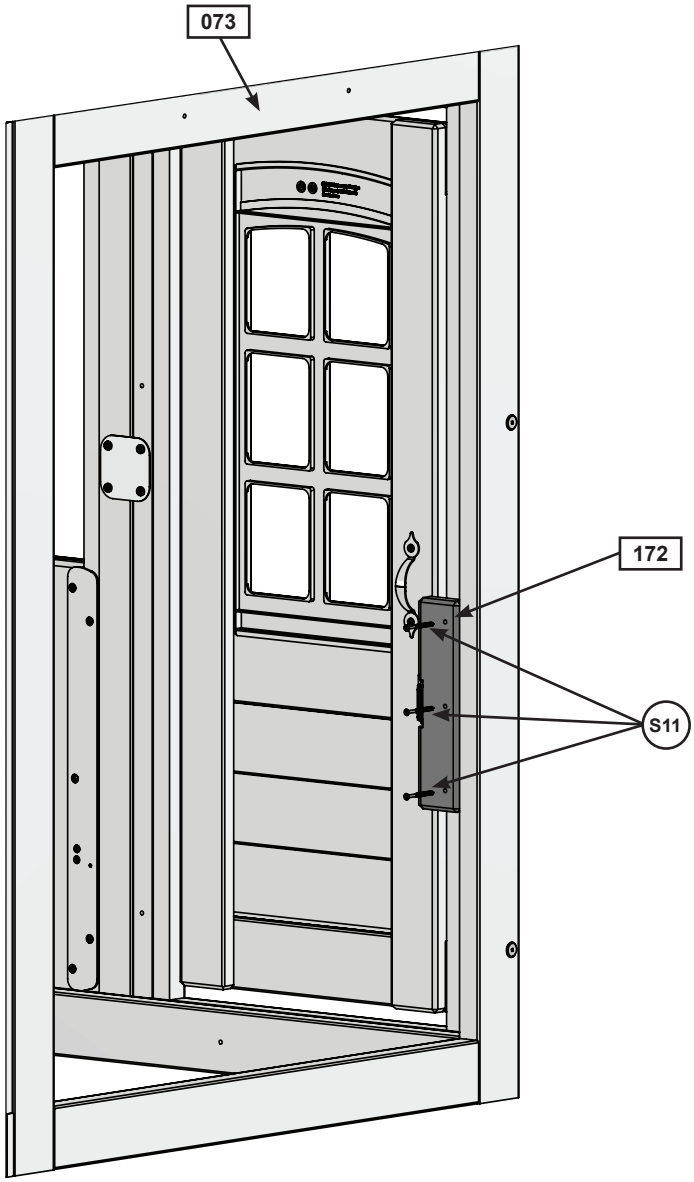
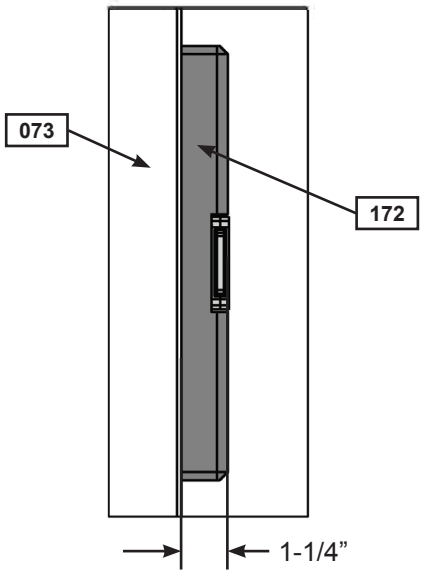


Fig. 17.9
Outside View



Wood Parts

1 x 172 **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 18: Front Wall Assembly Part 1

A: Center (181) Table Support so that it's flush to the notches in (182) Table Top as shown in fig. 18.1. Attach using 4 (S7) #12 x 2" Pan Screws as shown in fig. 18.1.

B: Place Table Top Assembly in the center of opening and tight to (082) Front Wall Panel and attach (181) Table Support to (082) Front Wall Panel with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 18.2 and 18.3)

Fig. 18.1

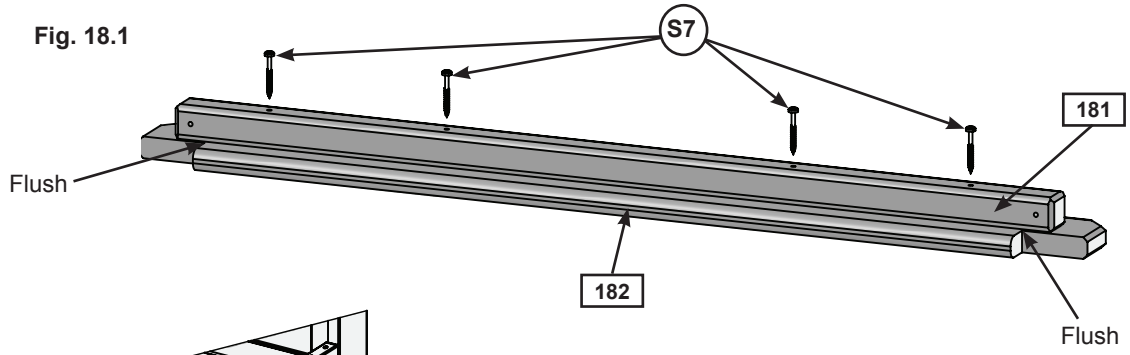


Fig. 18.2

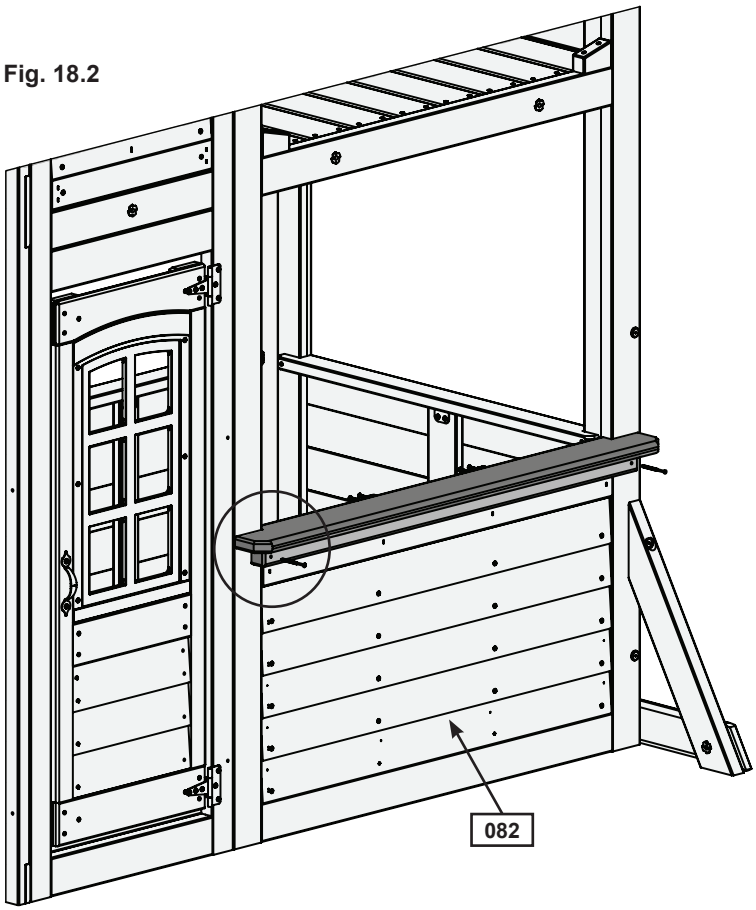
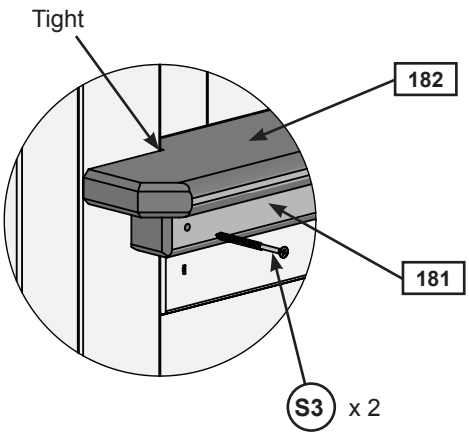


Fig. 18.3
Outside View



Wood Parts

1 x 181 **Table Support 1-1/2 x 1-1/2 x 39-5/8"**
1 x 182 **Table Top 15/16 x 4-1/4 x 42-3/4"**

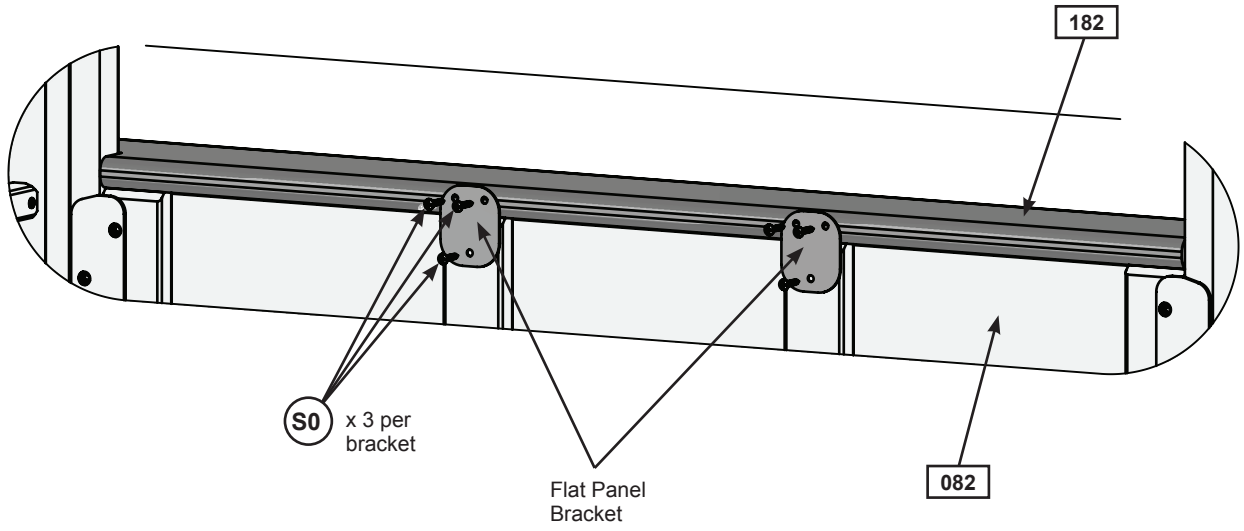
Hardware

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

Step 18: Front Wall Assembly Part 2

C: From the inside of the assembly attach (182) Table Top to slats in (082) Front Wall Panel with 2 Flat Brackets using 3 (S0) #8 x 7/8" Truss Screws per bracket. (fig. 18.4 and 18.5)

Fig. 18.4
Inside View



Hardware

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

Other Parts

2 x Flat Bracket

Step 19: Install Bell Assembly
Part 1

A: Place (191) Bell Top on top of (192) 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 (193) Bell Top Right to top of (192) Bell Support. Rounded ends of (191) Bell Top and (193) Bell Top RT are at the bottom. (fig. 19.1 & 19.2)

B: Centred above the door on (073) Narrow Front Panel place each Bell Support Assembly so they are tight and form a peak then attach to (073) Narrow Front Panel with 1 (S3) #8 x 2-1/2" Wood Screw and 1 (S11) #8 x 2" Wood Screw per assembly. (fig. 19.3)

Fig. 19.1
Top View

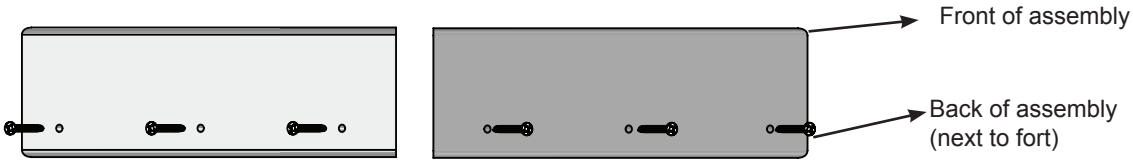


Fig. 19.3

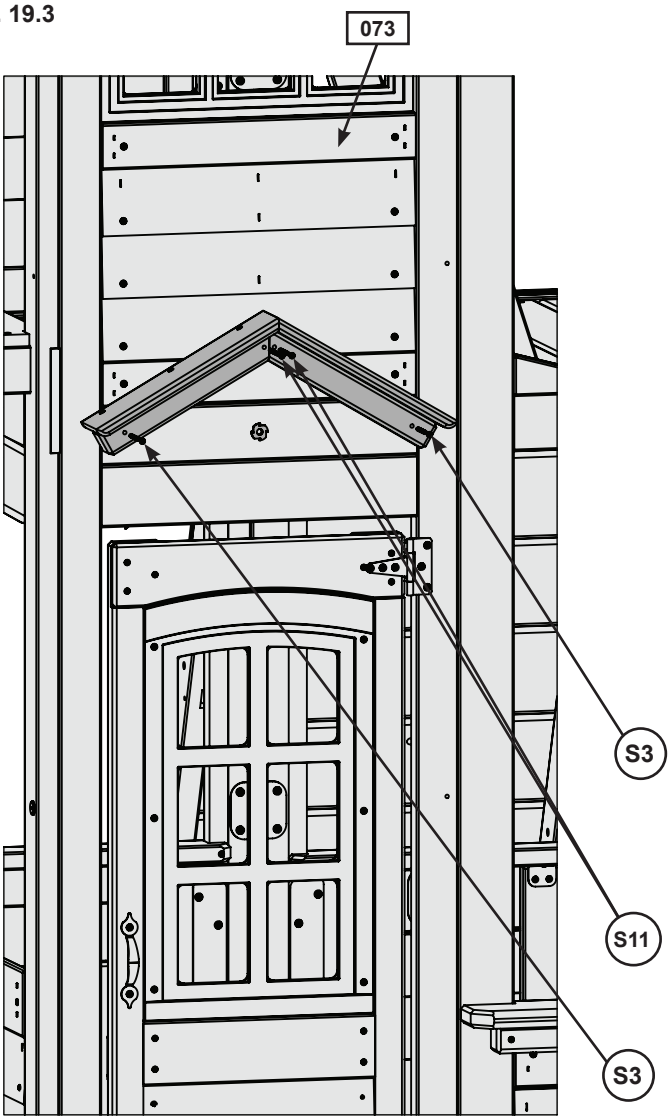
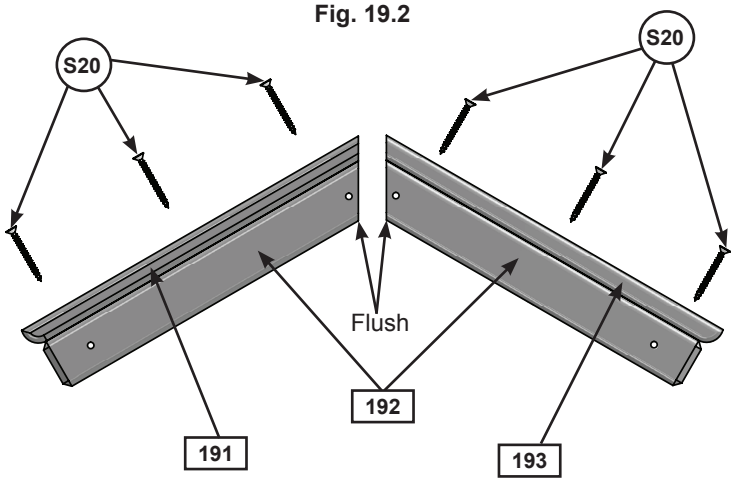


Fig. 19.2



Wood Parts

- 1 x [191] **Bell Top 5/8 x 3-3/8 x 11-1/4"**
- 2 x [192] **Bell Support 1-1/2 x 1-1/2 x 10-5/8"**
- 1 x [193] **Bell Top RT 5/8 x 3-3/8 x 11-1/4"**

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 19: Install Bell Assembly Part 2

C: Centred under the peak of the Bell Support Assembly attach Horseshoe Mount to (073) Narrow Front Panel with 4 (S0) #8 x 7/8" Truss Screws. (Fig. 19.3 & 19.4)

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. 19.5 & 19.6)

Fig. 19.3

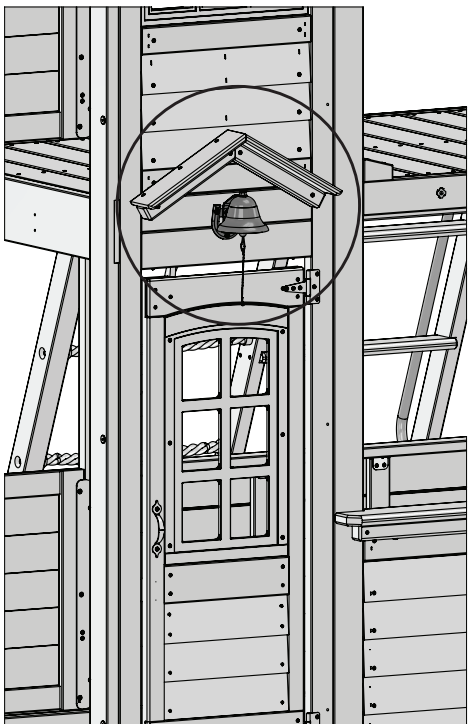


Fig. 19.6

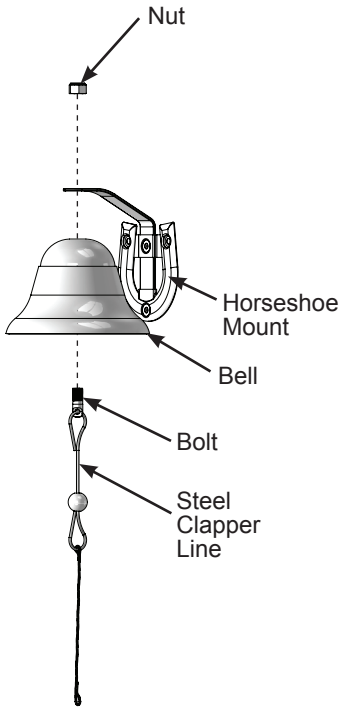


Fig. 19.4

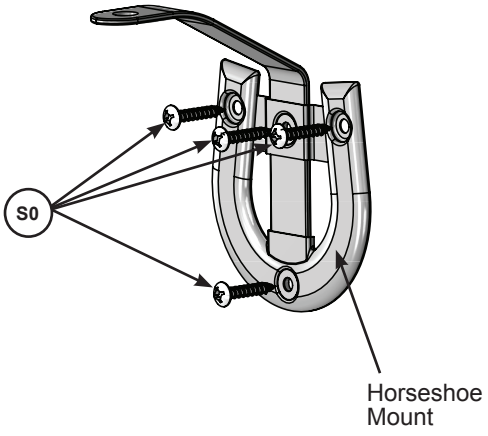
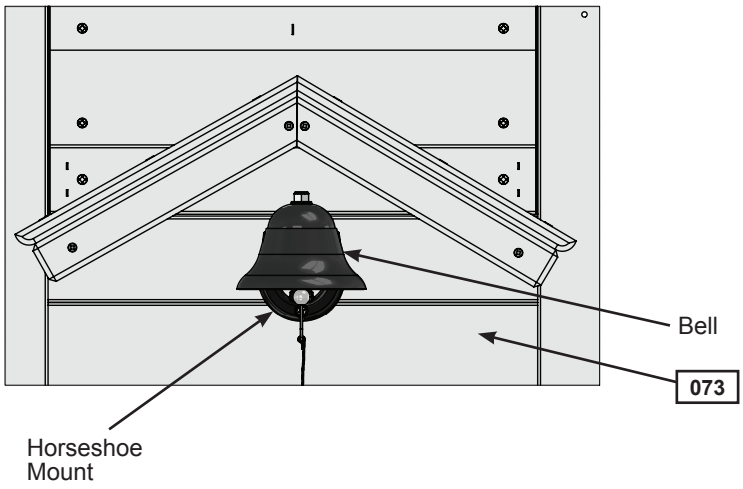


Fig. 19.5



Hardware

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

Other Parts

1 x Horseshoe Bell Set

Step 20: Swing Beam Assembly
Part 1

A: Attach 6 Heavy Duty Swing Hangers to (201) 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. 20.1 and 20.2.

B: Attach 1 Spring Loaded Quick Link to each Heavy Duty Swing Hanger. (fig. 20.3)

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 (201) Engineered SW Beam as shown in fig. 20.1 and 20.4. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.**

D: Attach Cedar Summit / Kidkraft Plaque to centre of (201) Engineered SW Beam (over top of t-nut) using 4 (S38) #7 x 1-1/8" Pan Screws. (fig. 20.5)

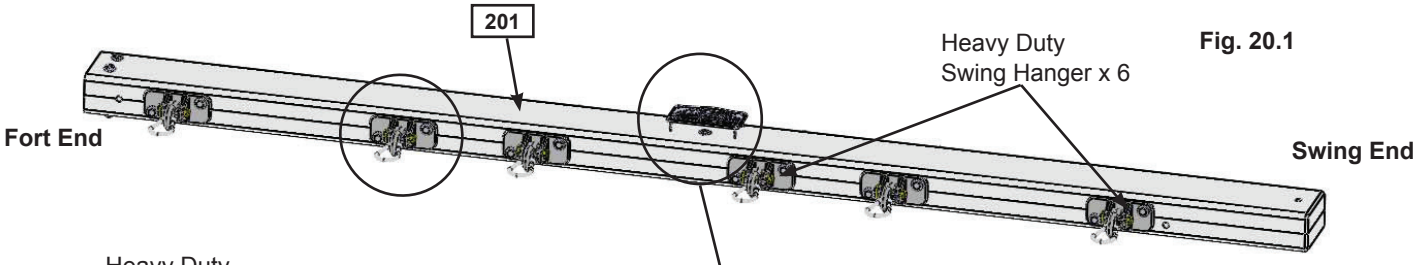


Fig. 20.1

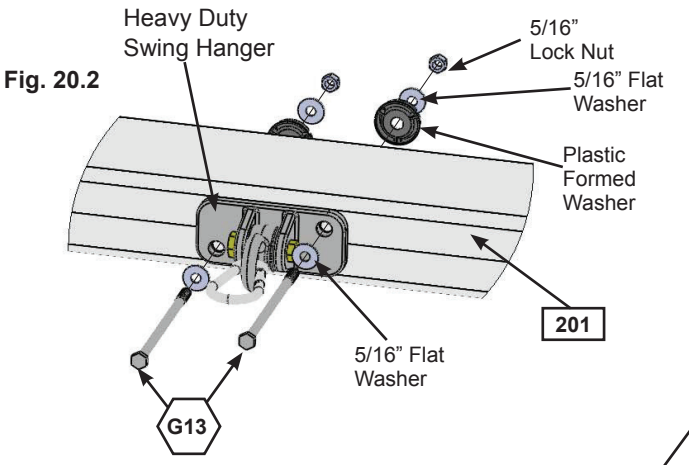


Fig. 20.2

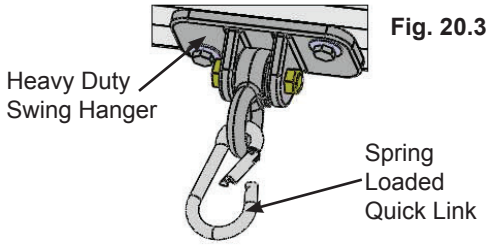


Fig. 20.3

Caution: The Spring Loaded Quick Link must be attached to the Heavy Duty Swing Hanger in the closed position. (fig. 20.4)

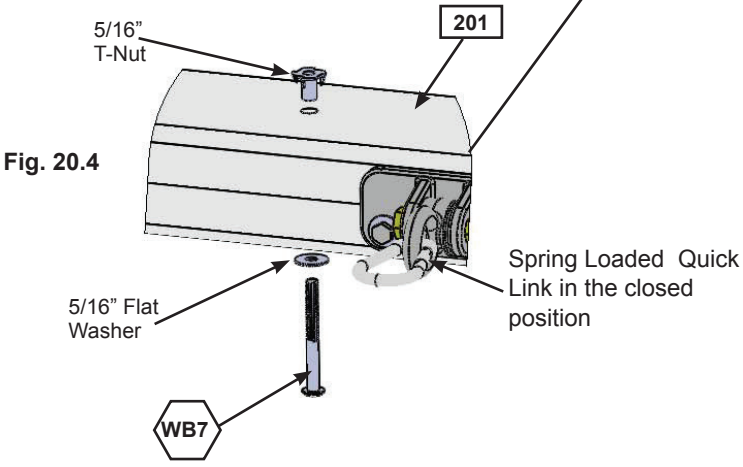


Fig. 20.4

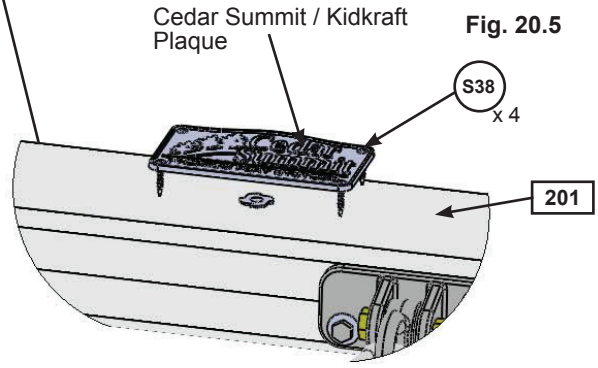


Fig. 20.5

Wood Parts	Hardware	Other Parts
1 x 201 Engineered SW Beam 3 x 5-1/4 x 92"	12 x G13 5/16 x 6-1/8" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut & plastic formed washer)	6 x Heavy Duty Swing Hangers
	1 x WB7 5/16 x 3" Wafer Bolt (5/16" flat washer, 5/16" t-nut)	6 x Spring Loaded Quick Link
	4 x S38 #7 x 1-1/8" Pan Screw	1 x Cedar Summit / Kidkraft Plaque

Step 20: Swing Beam Assembly Part 2

E: On the Fort End of (201) 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. 20.6 and 20.7)

F: Place (202) SW Mount in between both Heavy Flat Brackets and place 1 Heavy L-Bracket against (201) Engineered SW Beam and (202) SW Mount. Attach with 1 (G17) 3/8 x 6" Hex Bolt (with 2 flat washers, plastic formed washer and lock nut). (fig. 20.8)

G: Attach (202) 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. 20.9)

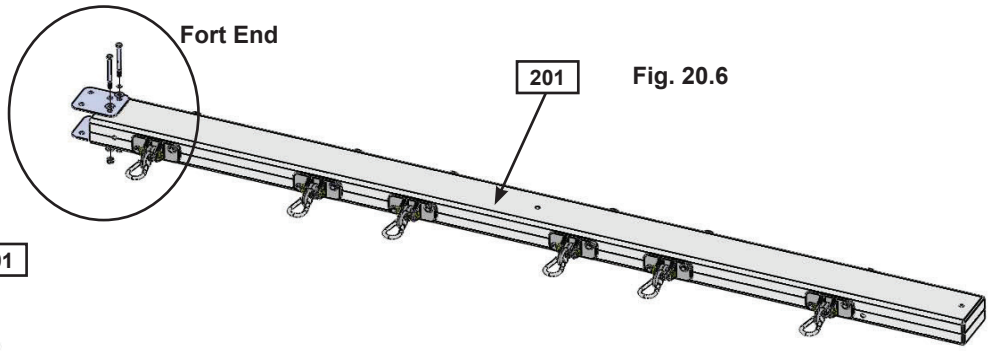


Fig. 20.6

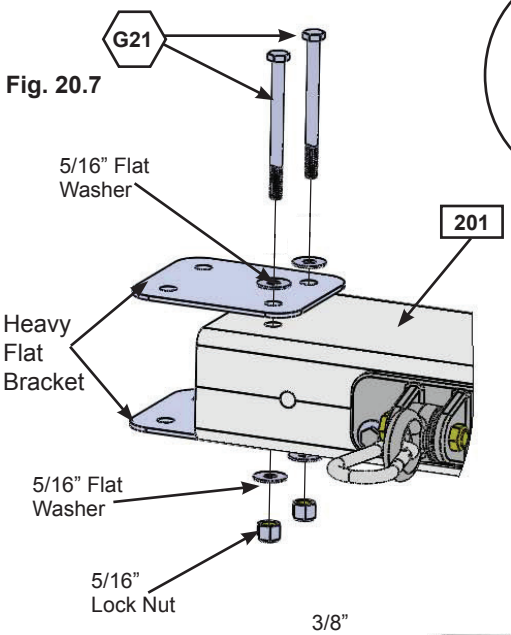


Fig. 20.7

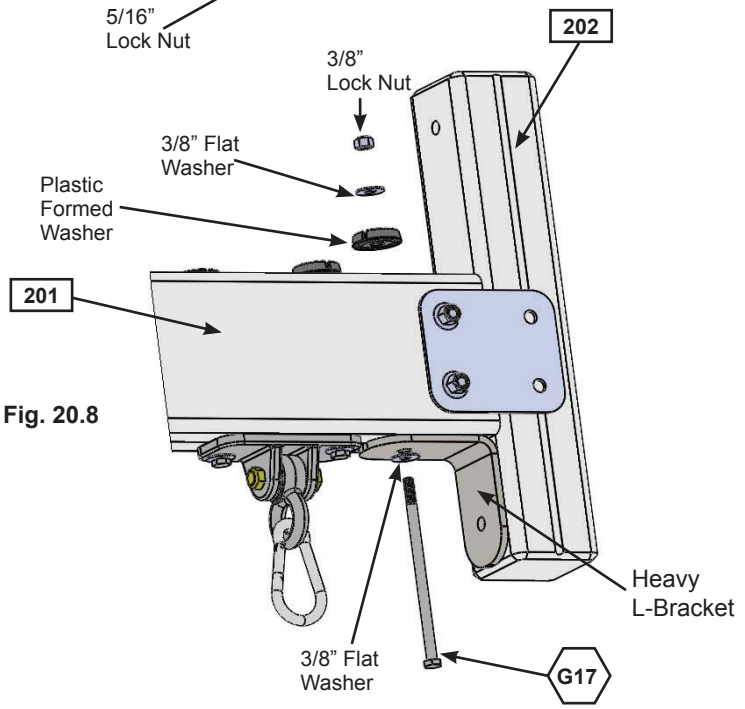


Fig. 20.8

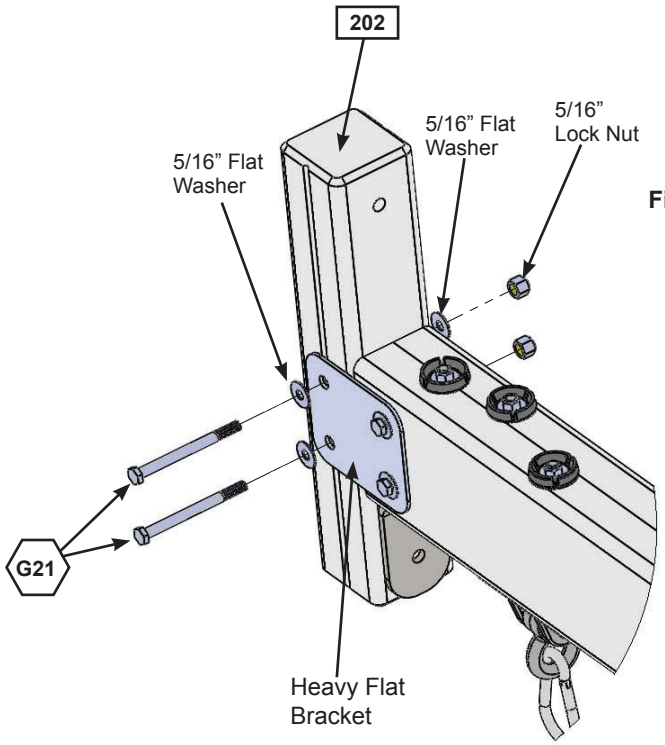


Fig. 20.9

Wood Parts

1 x 202 **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 21: Swing Post Assembly Part 1

Note: Keep all bolts from Step 21 series loose until start of Step 23

A: Place (211) SW Block Angle on top of (212) Block SW and attach 2 Heavy L-Brackets on top of (211) 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. 21.1 and 21.2.

B: Attach 3 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) to all three holes in each (213) SW Post as shown in fig. 21.3. **IMPORTANT! MAKE SURE ALL 6 BOLTS ARE ATTACHED TO MINIMIZE CHECKING OF WOOD.**

C: Place (211) SW Block Angle and (212) Block SW assembly in between 2 (213) SW Post (Heavy L-Brackets towards the outside). Place 1 Heavy C-Bracket on the top (213) 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. 21.4

Fig. 21.1
Bottom View

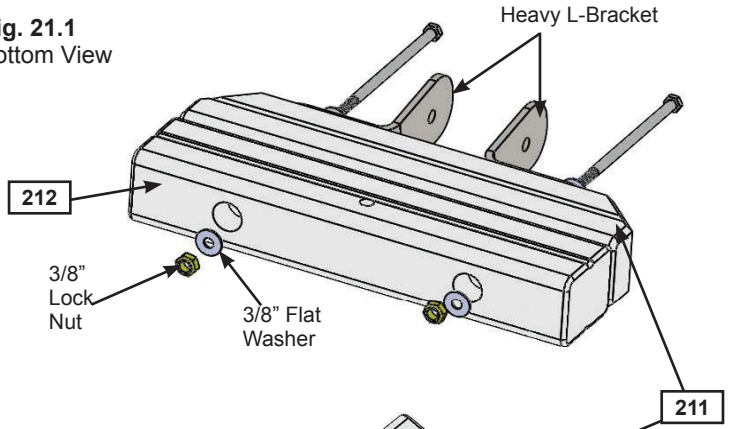


Fig. 21.2
Top View

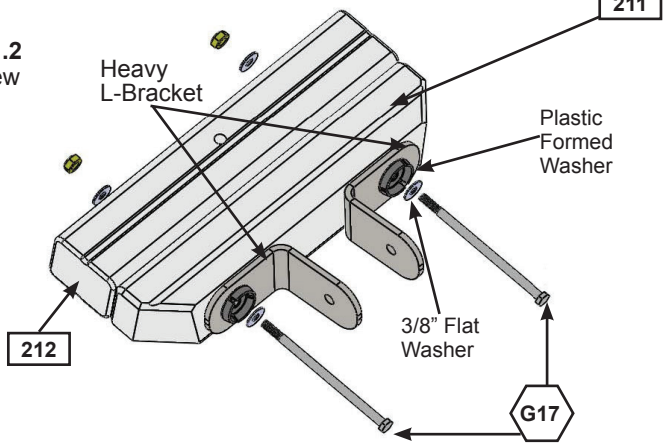


Fig. 21.4

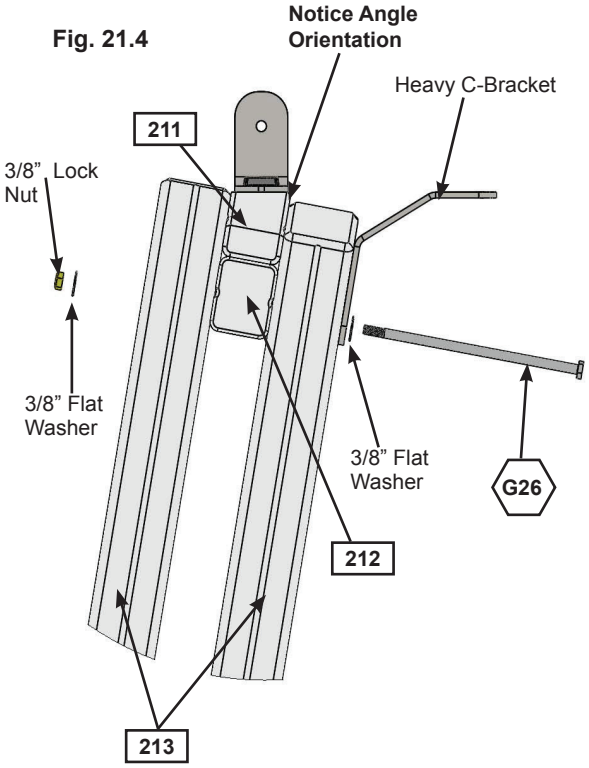
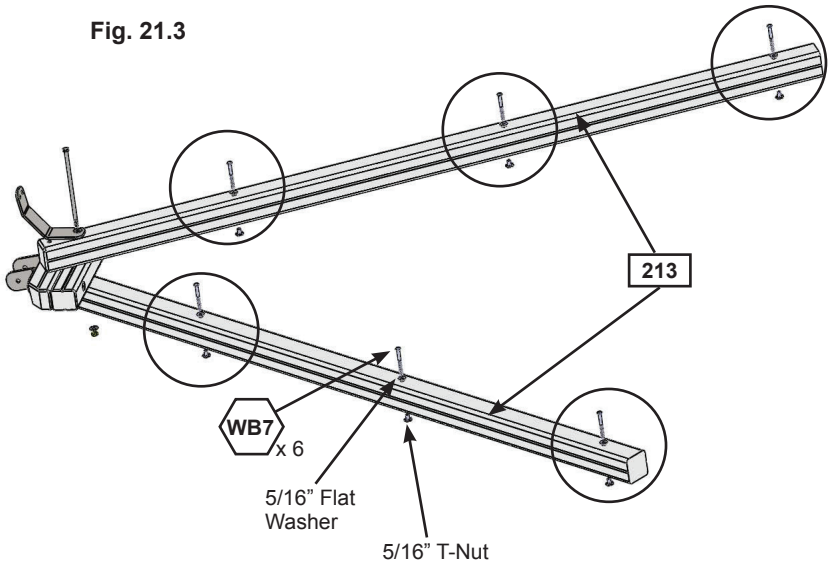


Fig. 21.3



Wood Parts

- 1 x 211 **SW Block Angle 2-1/2 x 3 x 15"**
- 1 x 212 **Block SW 2-1/2 x 3 x 15"**
- 2 x 213 **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 21: Swing Post Assembly Part 2

D: Place Swing End of (201) 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. 21.5)

E: Attach (201) 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. 21.6)

Fig. 21.5

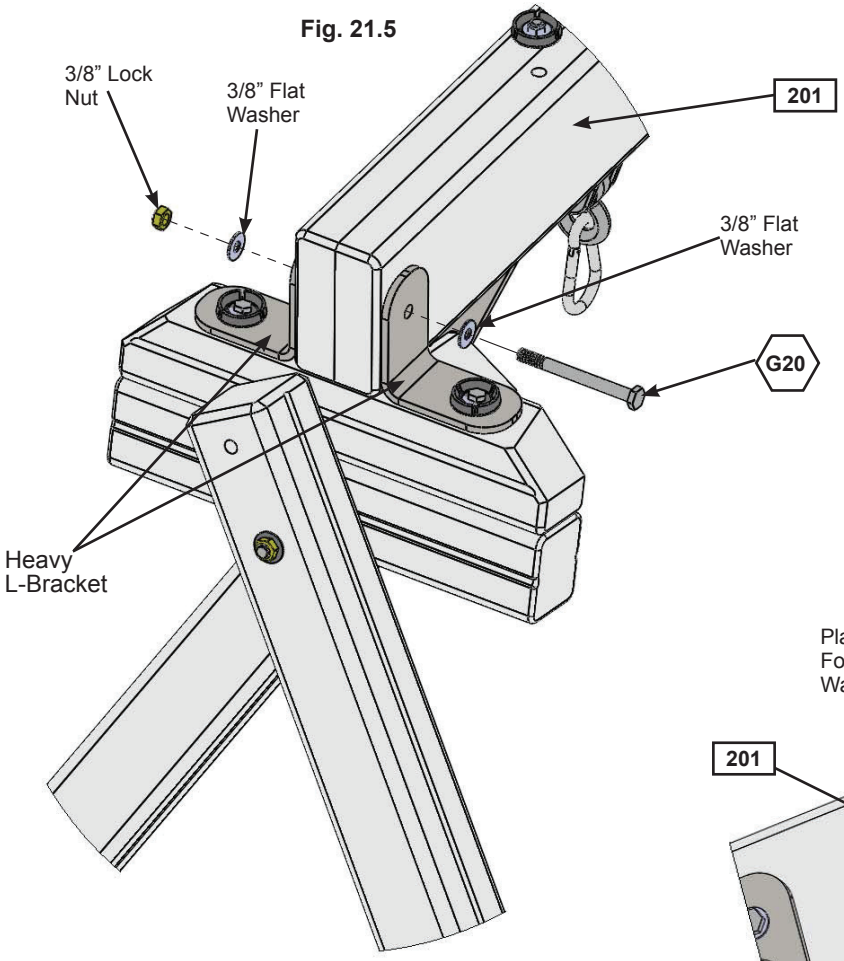
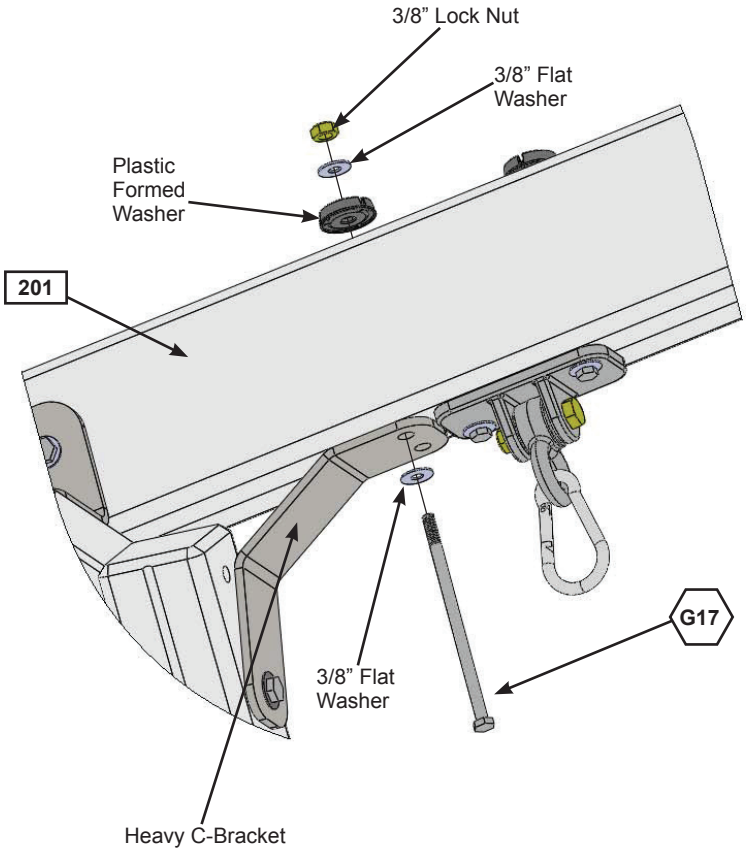


Fig. 21.6



Hardware

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

1 x G20 3/8 x 4" Hex Bolt
(3/8" flat washer x 2 & 3/8" lock nut)

Step 21: Swing Post Assembly
Part 3

F: Place (202) SW Mount flush to the top of (081) 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. 21.7 and 21.8)

Fig. 21.7

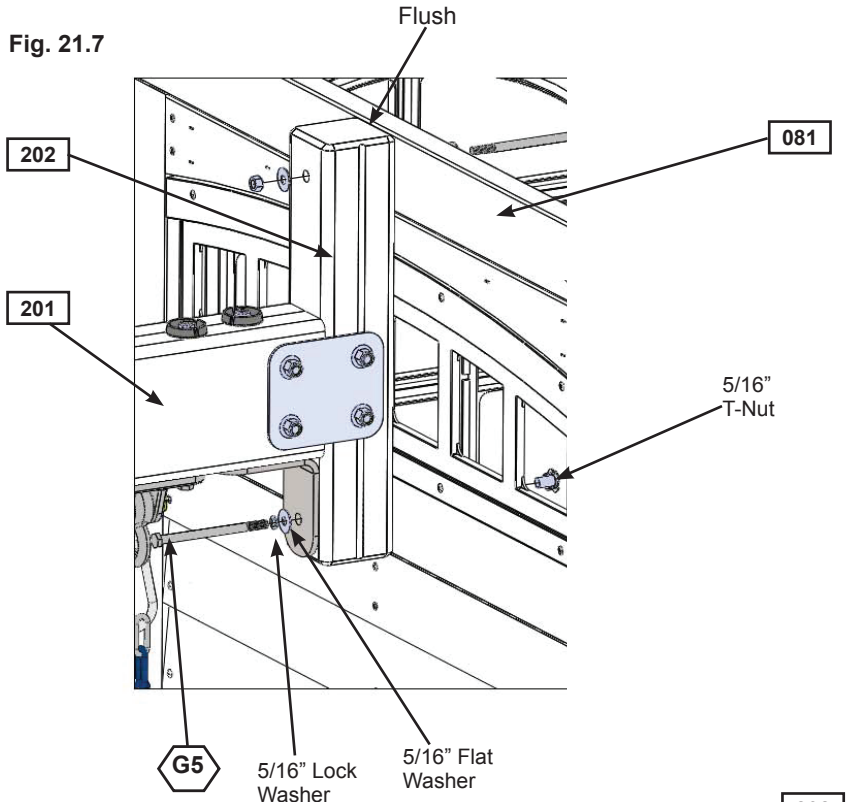
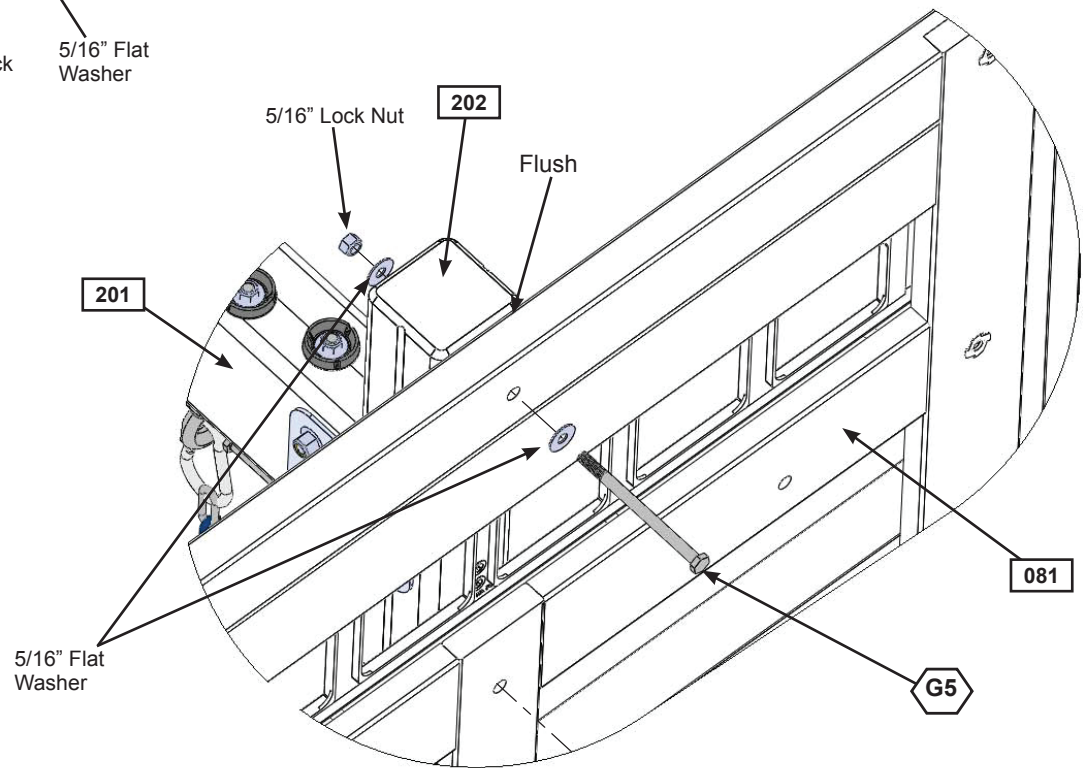


Fig. 21.8



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 22: 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 (221) Support Cross on the (213) SW Post. Make sure the Support Cross is level prior to attaching with the lag screws. (fig. 22.1 and 22.2)

B: Place (221) Support Cross between (213) 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. 22.2 and 22.3) **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. 22.3) Tighten the lag screw when you are sure (221) Support Cross is level.**

C: Attach 1 (WB8) 5/16 x 2-3/8" Wafer Bolt (with flat washer and t-nut) to (221) Support Cross through the middle hole. (fig. 22.2 and 22.3) **IMPORTANT! MAKE SURE THE BOLT IS ATTACHED TO MINIMIZE CHECKING OF WOOD.**

Fig. 22.1

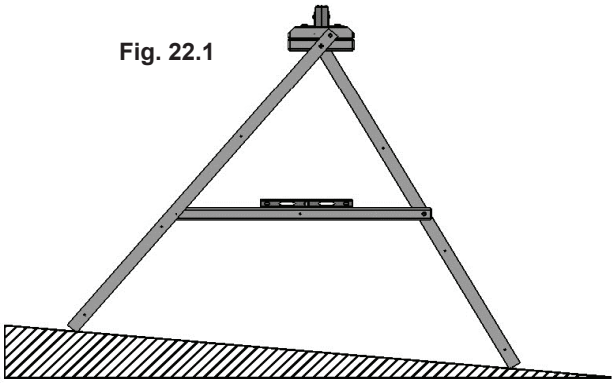


Fig. 22.2

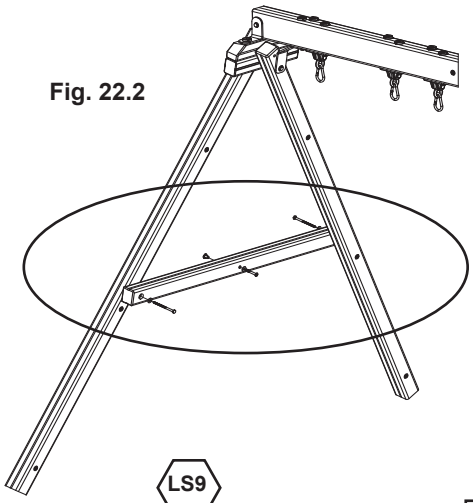
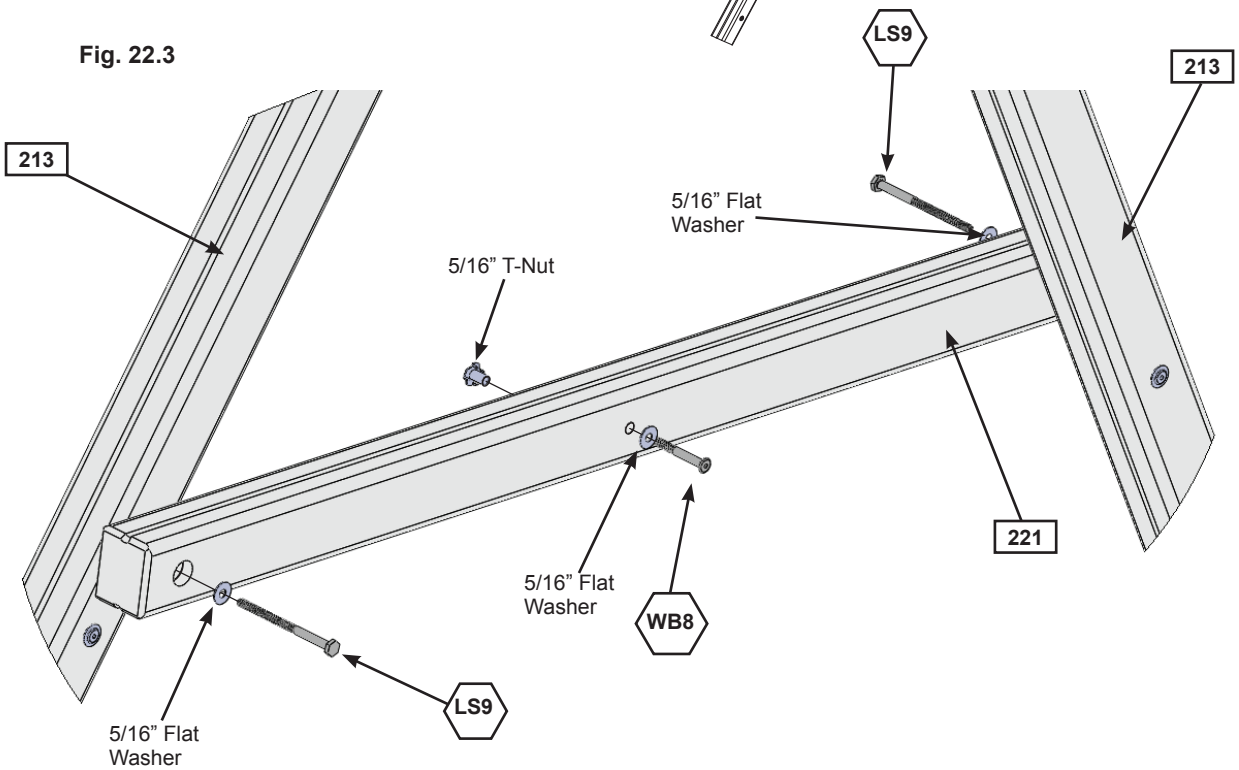


Fig. 22.3



Wood Parts

1 x [221] **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 23: Final Swing Post Assembly

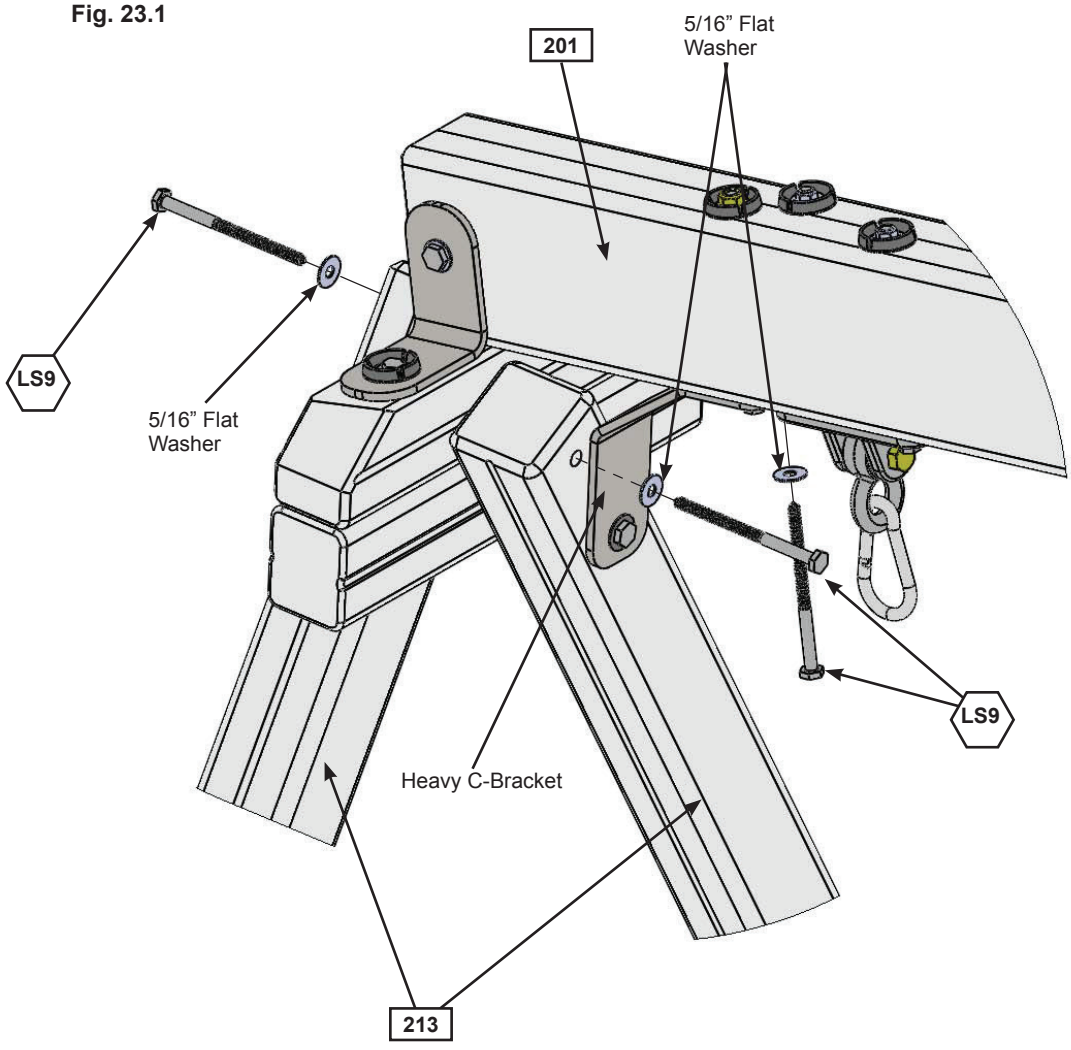
Pre-drill all holes using a 3/16" drill bit before installing the lag screws.

Note: Tighten all bolts from Step 21 series before installing lag screws.

A: Attach 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) into each (213) SW Post, as shown in fig. 23.1.

B: Attach 1 (LS9) 5/16 x 4-3/4" Lag Screw (with flat washer) into remaining hole of the Heavy C-Bracket into (201) Engineered SW Beam. (fig. 23.1)

Fig. 23.1



Hardware

3 x LS9 5/16 x 4-3/4" Lag Screw (5/16" flat washer)

Step 24: Install Ground Stakes

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

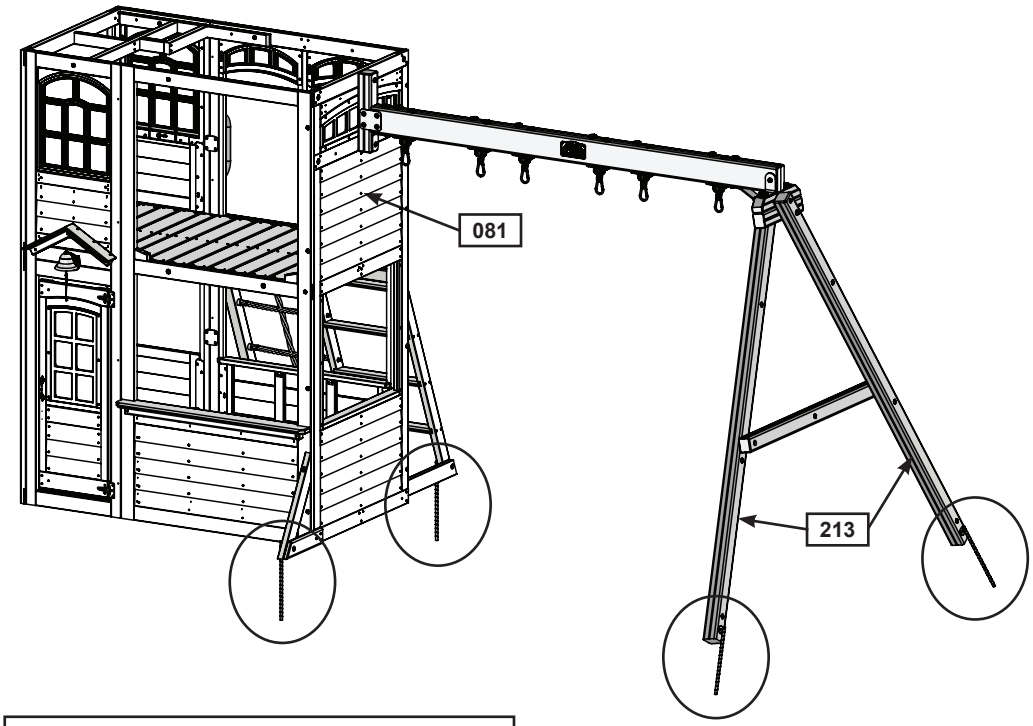
A: In the 5 places shown in fig. 24.1 drive the Rebar Ground Stakes 13” into the ground against (142) Diagonal, (072) Narrow Back Panel, (021) Left Access and both (213) SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach ground stakes using 1 (S7) #12 x 2” Pan Screw per ground stake as shown in fig. 24.2.

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.

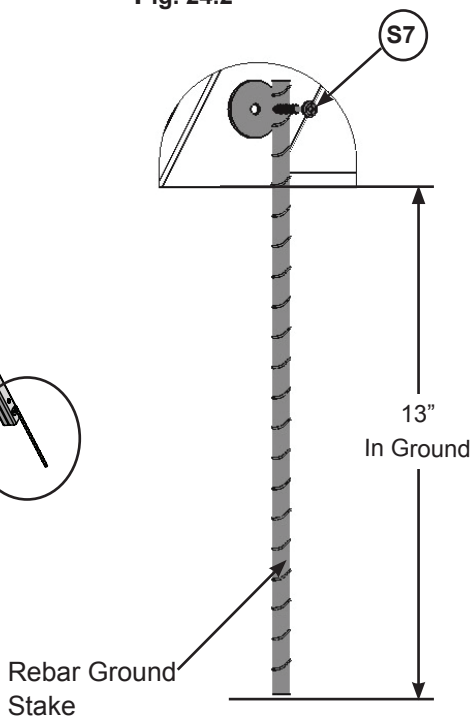
⚠Warning! To prevent tipping and avoid potential injury, stakes must be driven 13” into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 24.1



SEE FRONT COVER FOR SAFETY CLEARANCE

Fig. 24.2



Hardware

5 x (S7) #12 x 2” Pan Screw

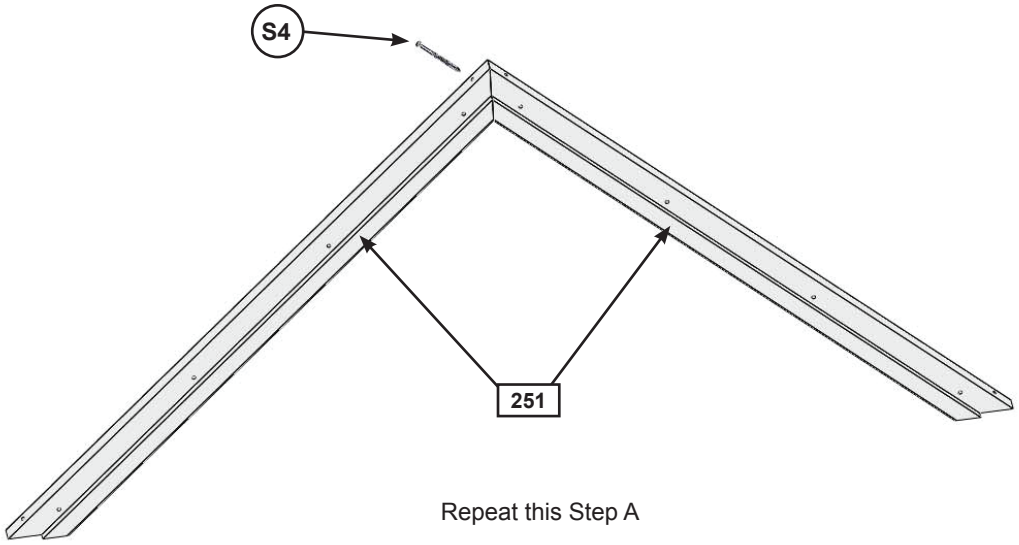
Other Parts

5 x Rebar Ground Stake

Step 25: Roof Support Assemblies

A: Attach 1 (251) Roof Support to a second (251) Roof Support at peak using 1 (S4) #8 x 3” Wood Screw. Repeat this step to make 2 Roof Support Assemblies. (fig. 25.1)

Fig. 25.1



Repeat this Step A

Wood Parts

4 x [251] **Roof Support 1-1/4 x 2-1/4 x 33”**

Hardware

2 x (S4) **#8 x 3” Wood Screw**

Step 26: Large Roof Assembly Part 1

A: Place (261) Front Roof Panel against (262) Back Roof Panel so the tops form a peak, then 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. 26.1)

B: Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) #8 x 7/8" Truss Screws. (fig. 26.2)

Fig. 26.2

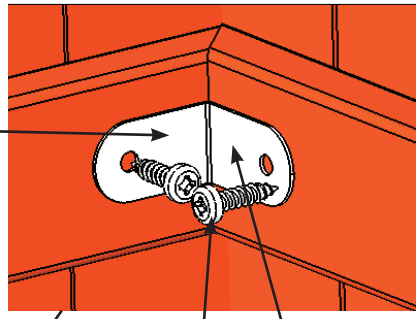
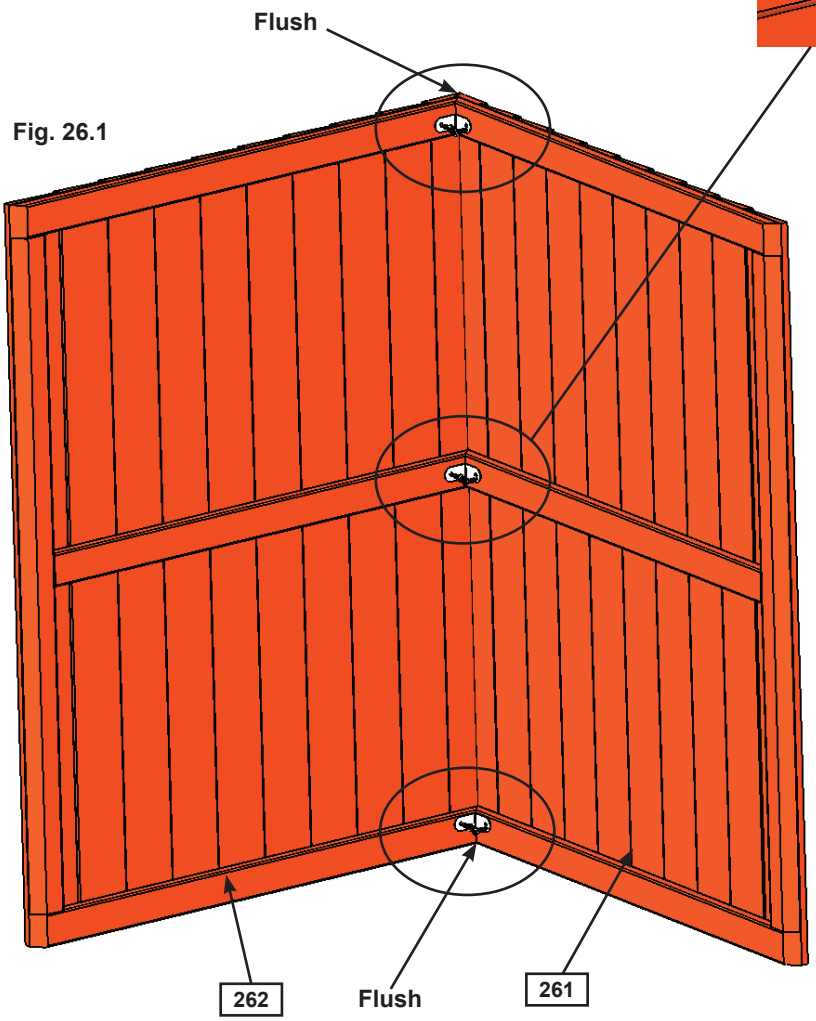


Fig. 26.1



Wood Parts

1 x 261 Front Roof Panel 1-3/16 x 36-1/2 x 44-1/2"
1 x 262 Back Roof Panel 1-1/4 x 32-1/4 x 45"

Hardware

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

Other Parts

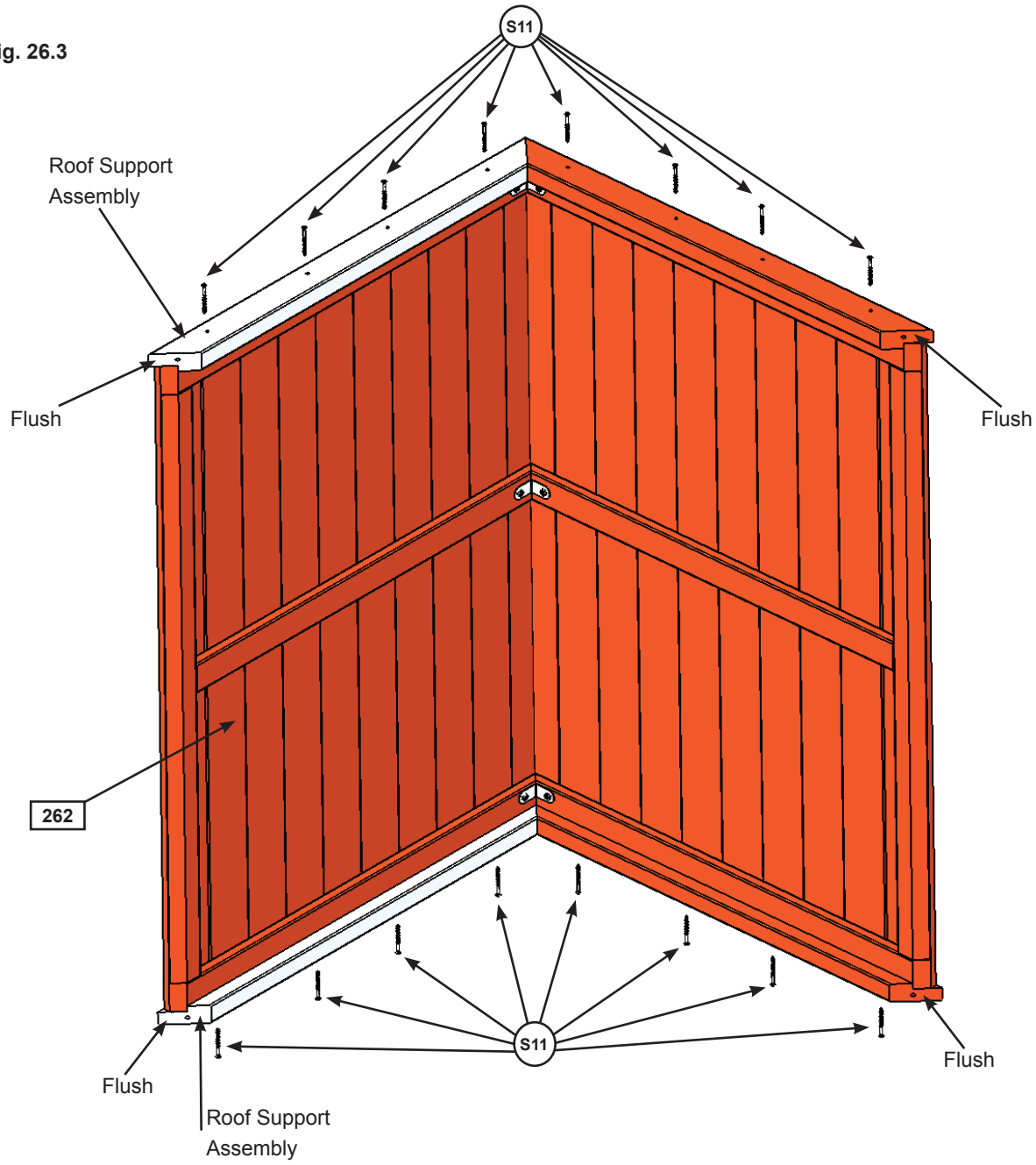
3 x Narrow Angle Bracket

Step 26: Large Roof Assembly Part 2

C: Place 1 Roof Support Assembly against one end of the roof panel 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. 26.3)

D: Attach the second Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 8 (S11) #8 x 2" Wood Screws. (fig. 26.3)

Fig. 26.3



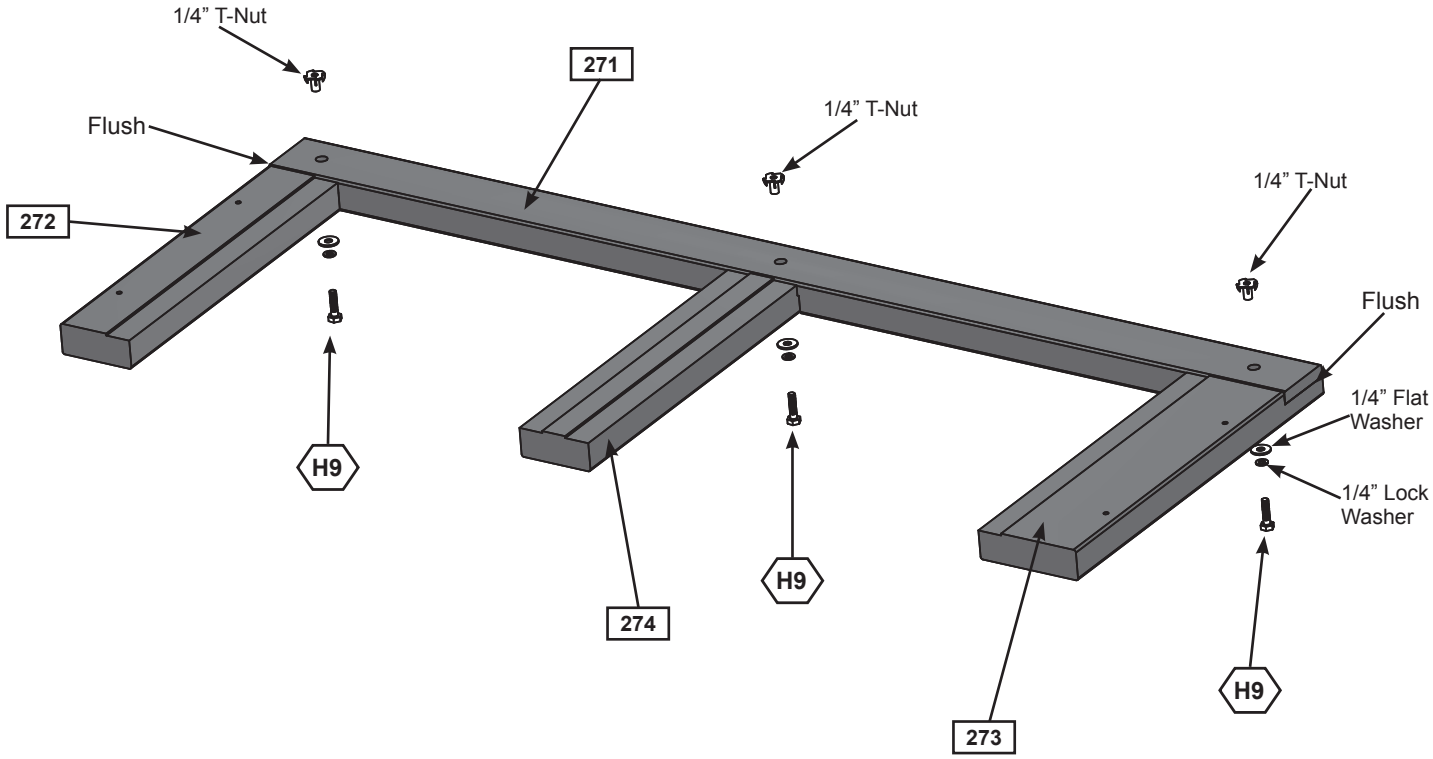
Hardware

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

Step 27: Transom Assembly Part 1

A: With the notches facing down tap 3 1/4” T-nuts into (271) TB Support then fit (273) Left Upright, (272) Right Upright and (274) Centre Upright into the notches so the ends and tops are flush. Attach with 3 (H9) 1/4 x 1-1/4” Hex Bolts (with lock washer and flat washer). (fig. 27.1)

Fig. 27.1



Wood Parts

- 2 x 271 **TB Support 1-1/4 x 2-1/2 x 44-1/4”**
- 2 x 272 **Right Upright 1-1/4 x 3 x 16-1/2”**
- 2 x 273 **Left Upright 1-1/4 x 4-1/4 x 16-1/2”**
- 2 x 274 **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 27: Transom Assembly Part 2

B: Place 2 MOD 5 Pane Windows in the openings and attach to (272) Right Upright, (273) Left Upright and (274) Centre Upright with 4 (S0) #8 x 7/8" Truss Screws per window. (fig. 27.2)

C: Attach (275) Wall Tie flush to the top of (271) TB Support and to (274) Centre Upright with 4 (S11) #8 x 2" Wood Screws. (fig. 27.3)

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

Fig. 27.2

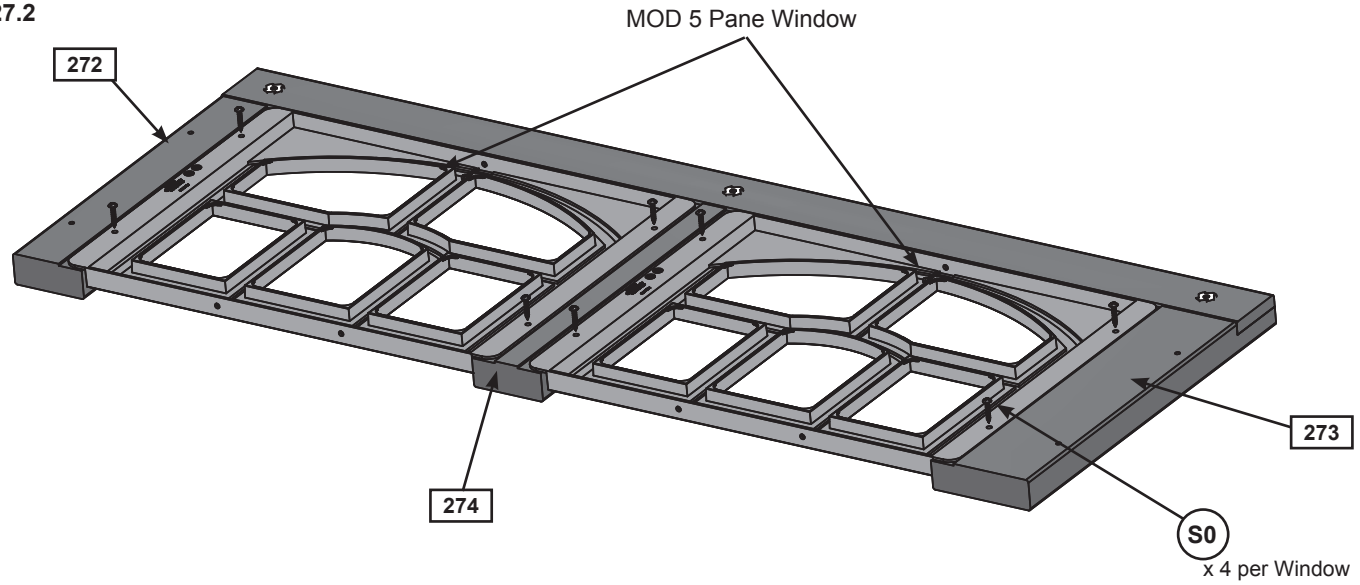
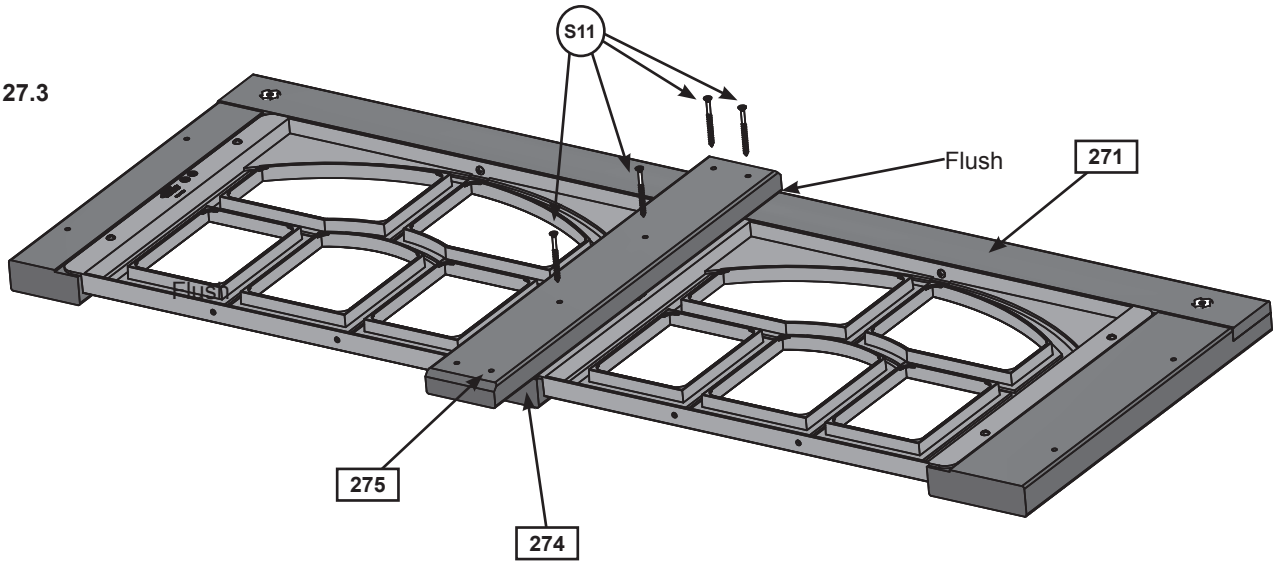


Fig. 27.3

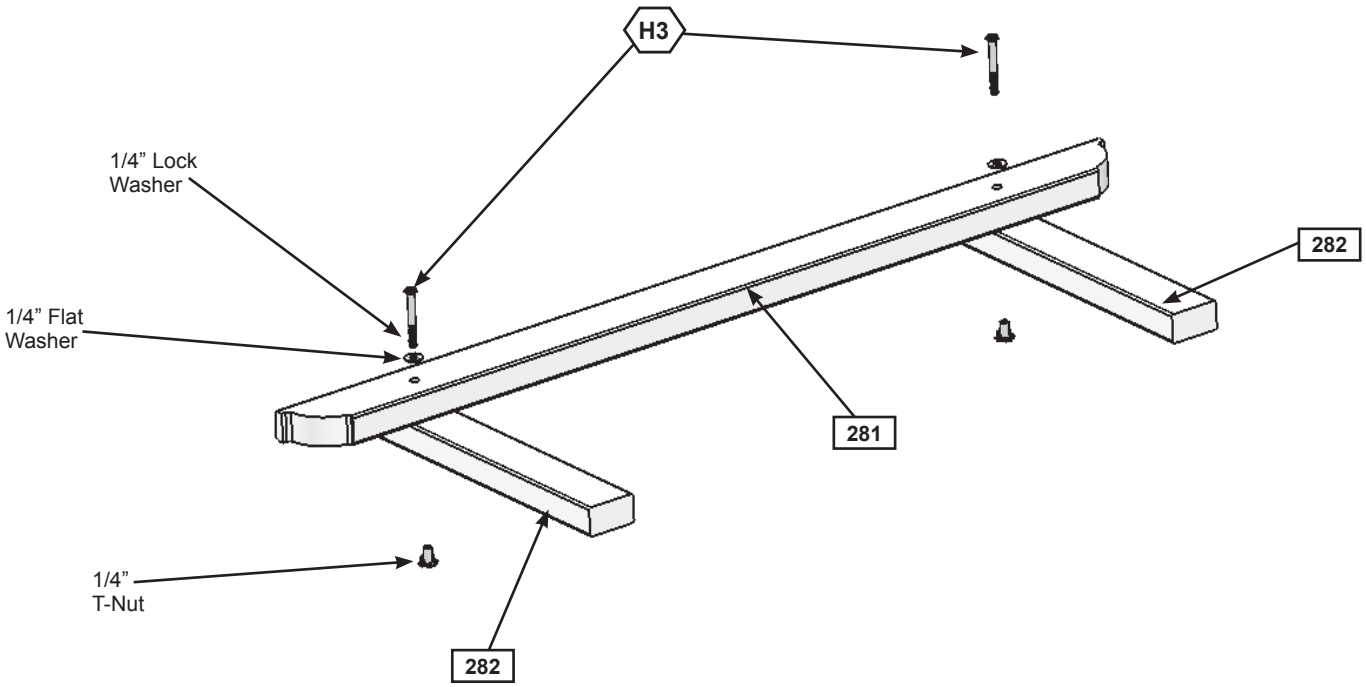


Wood Parts	Hardware	Other Parts
2 x 275 Wall Tie 15/16 x 3 x 19-1/4"	16 x S0 #8 x 7/8" Truss Screw	4 x MOD 5 Pane Window
	8 x S11 #8 x 2" Wood Screw	

Step 28: Swing Top Assembly

A: Attach (281) Swing Top to 2 (282) Swing Side Uprights with 2 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 28.1)

Fig. 27.1



Wood Parts

1 x 281 Swing Top 1-1/4 x 3 x 46-3/4”

2 x 282 Swing Side Upright 1-1/4 x 2-1/2 x 16-1/2”

Hardware

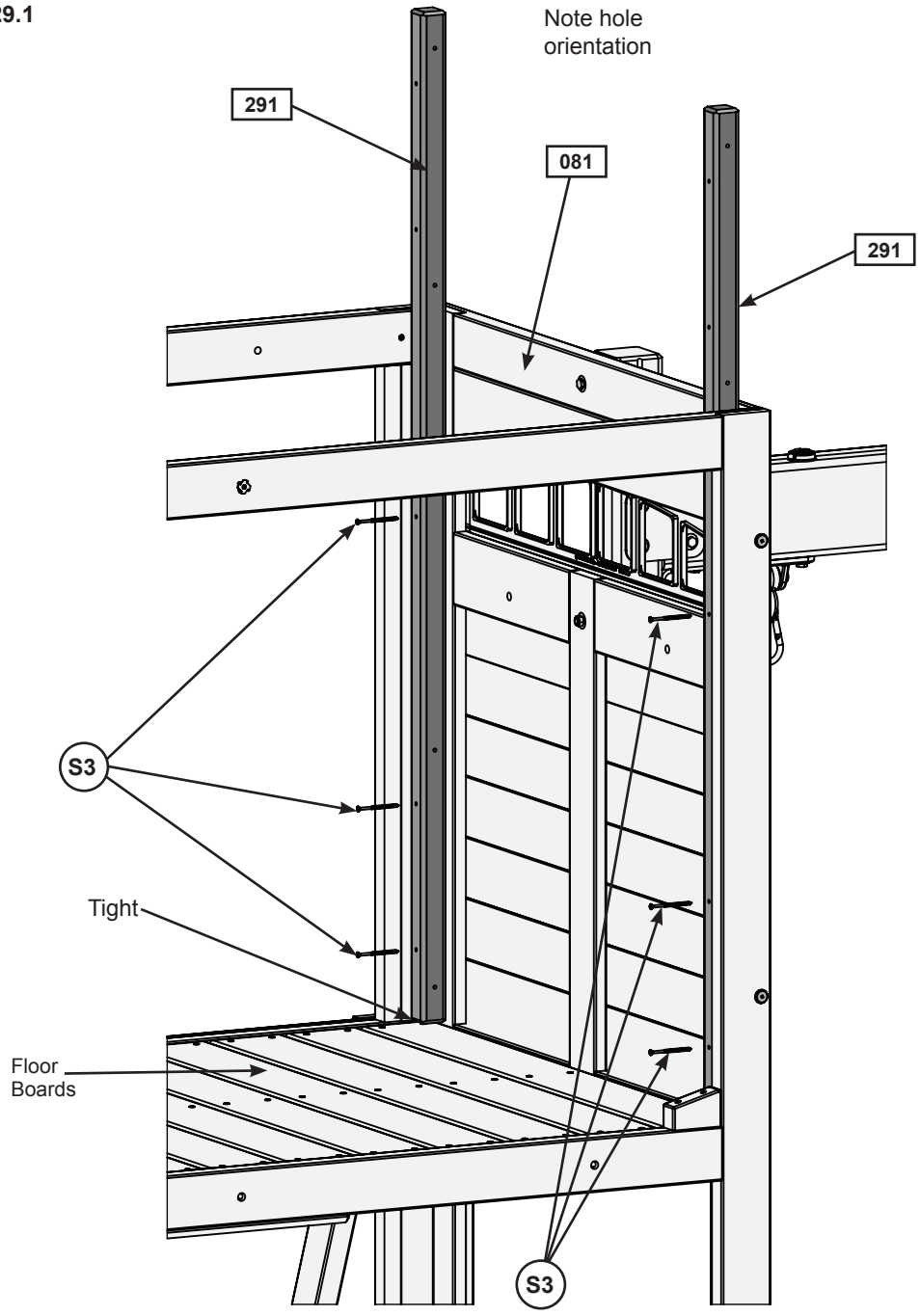
2 x H3 1/4 x 2-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)

Step 29: Attach Wall Supports

Note hole orientation for this step.

A: Tight to the floor boards and tight in each corner of the (081) SW Wall Panel attach 2 (291) Wall Supports to (081) SW Wall Panel with 3 (S3) #8 x 2-1/2" Wood Screws per support. (fig. 29.1)

Fig. 29.1



Wood Parts

2 x [291] Wall Support 1-1/2 x 1-1/2 x 55-1/2"

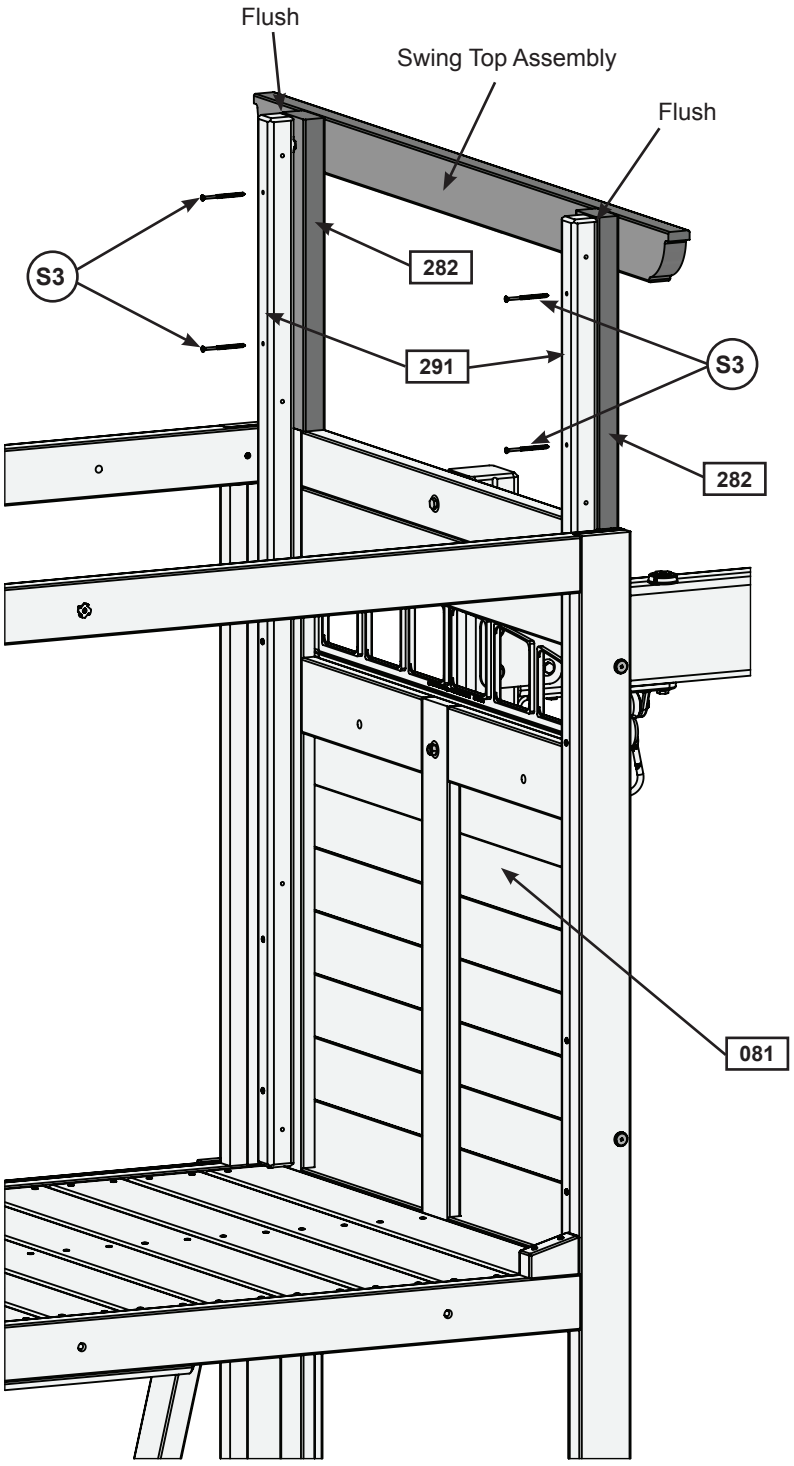
Hardware

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

Step 30: Attach Swing Top Assembly

A: Tight to the top of (081) SW Wall Panel and flush to the outside of each (291) Wall Support place Swing Top Assembly then attach (291) Wall Supports to (282) Swing Side Uprights with 2 (S3) #8 x 2-1/2" Wood Screws per support. (fig. 30.1)

Fig. 29.1



Hardware

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

Step 31: Attach Transom Assembly Part 1

A: Place 1 Transom Assembly on both (082) Front Wall Panel and (083) Back Wall Panel so they are tight to (281) Swing Top and (291) Wall Supports. From the outside attach each Transom Assembly to (291) Wall Supports with 2 (S3) #8 x 2-1/2" Wood Screws per assembly. (fig. 31.1)

B: From the inside attach (291) Wall Supports to each Transom Assembly and both (082) Front Wall Panel and (083) Back Wall Panel with 4 (S3) #8 x 2-1/2" Wood Screws per support. (fig. 31.2)

C: From the inside attach each (275) Wall Tie to both (082) Front Wall Panel and (083) Back Wall Panel with 2 (S11) #8 x 2" Wood Screws per board. (fig. 31.2)

Fig. 31.1

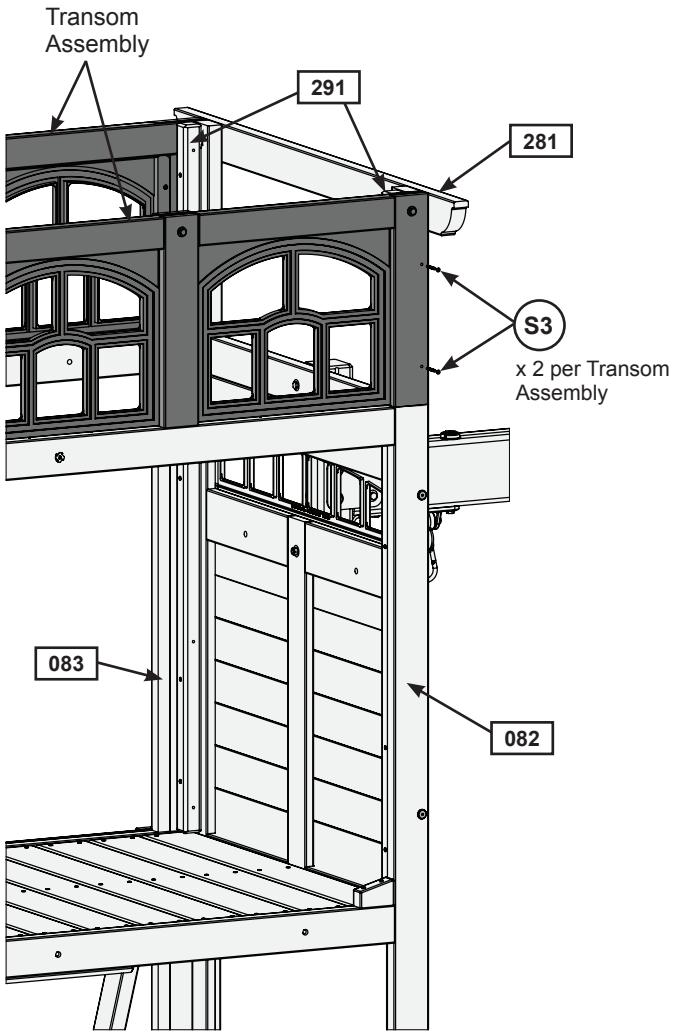
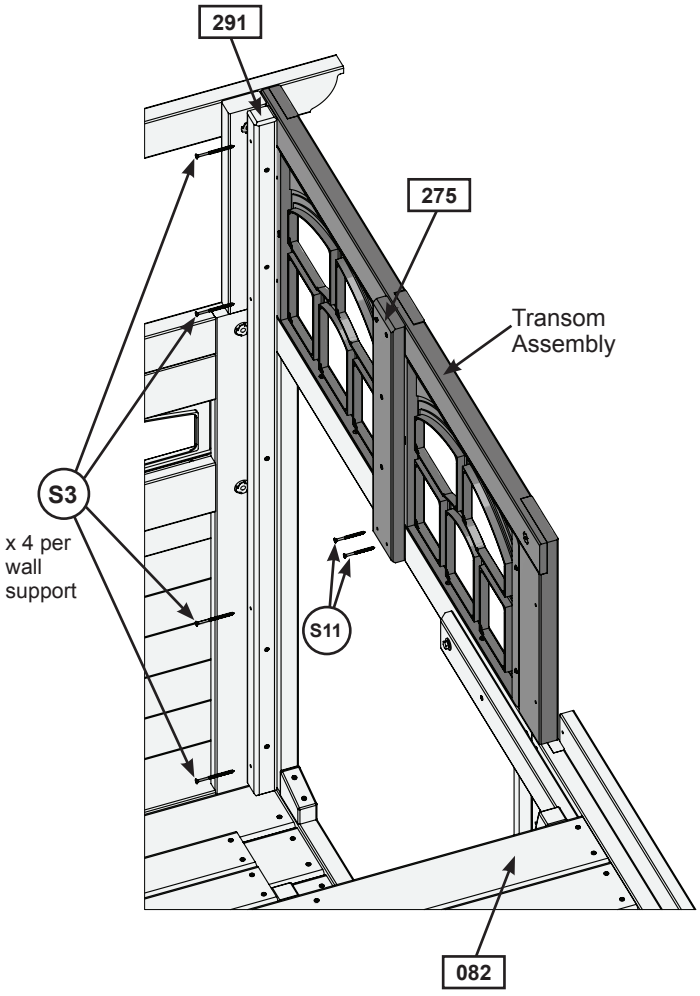


Fig. 31.2
Inside View



Hardware

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

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

Step 31: Attach Transom Assembly Part 2

D: Attach the top of each MOD 5 Pane Window to each (271) TB Support with 1 (S0) #8 x 7/8" Truss Screw per window then attach bottom of windows to (082) Front Wall Panel and (083) Back Wall Panel with 2 (S0) #8 x 7/8" Truss Screws per window. (fig. 31.3 and 31.4)

Fig. 31.3

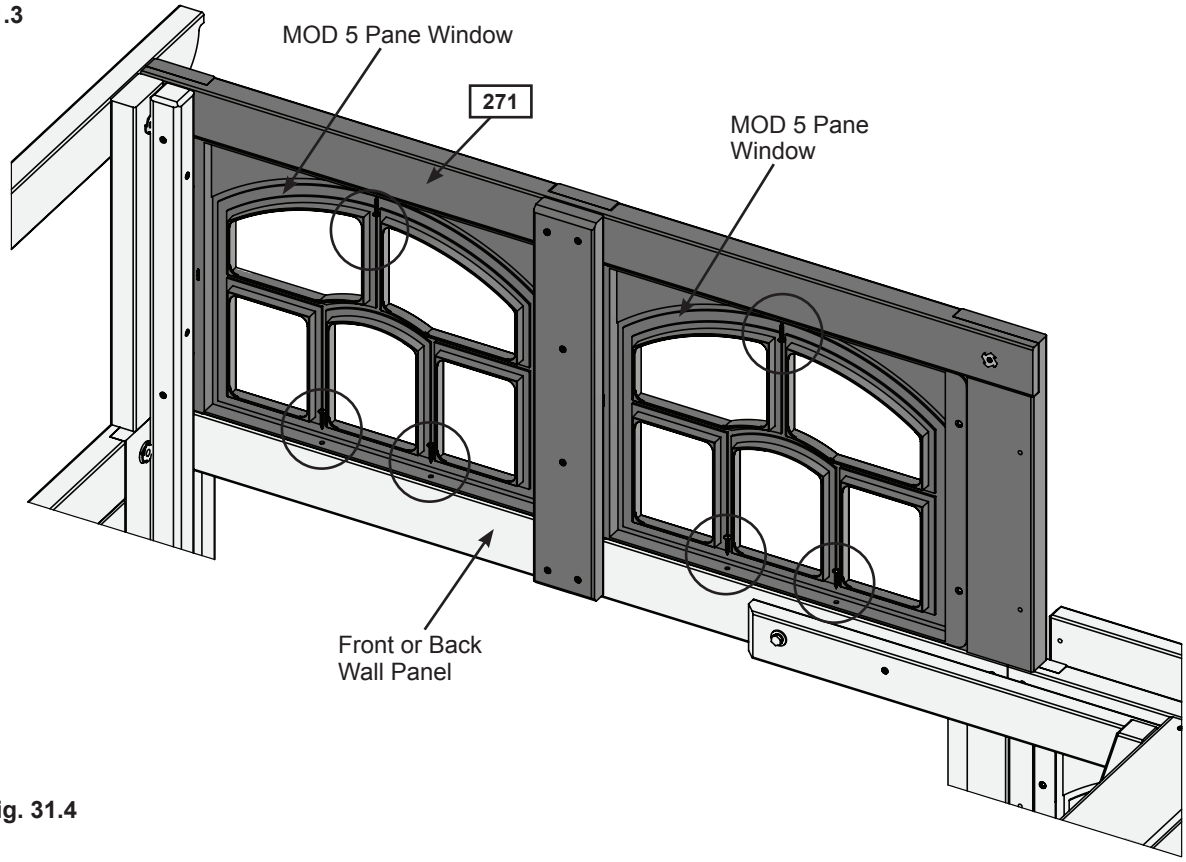
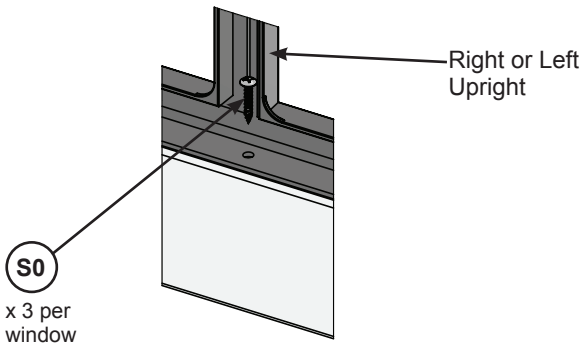


Fig. 31.4



Hardware

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

Step 32: Attach Swing Top Small

A: Flush to the inside edge of each transom assembly attach 1 (321) Swing Top Small using 2 (S3) #8 x 2-1/2" Wood Screws per side. (Fig. 32.1 and 32.2)

Fig. 32.1

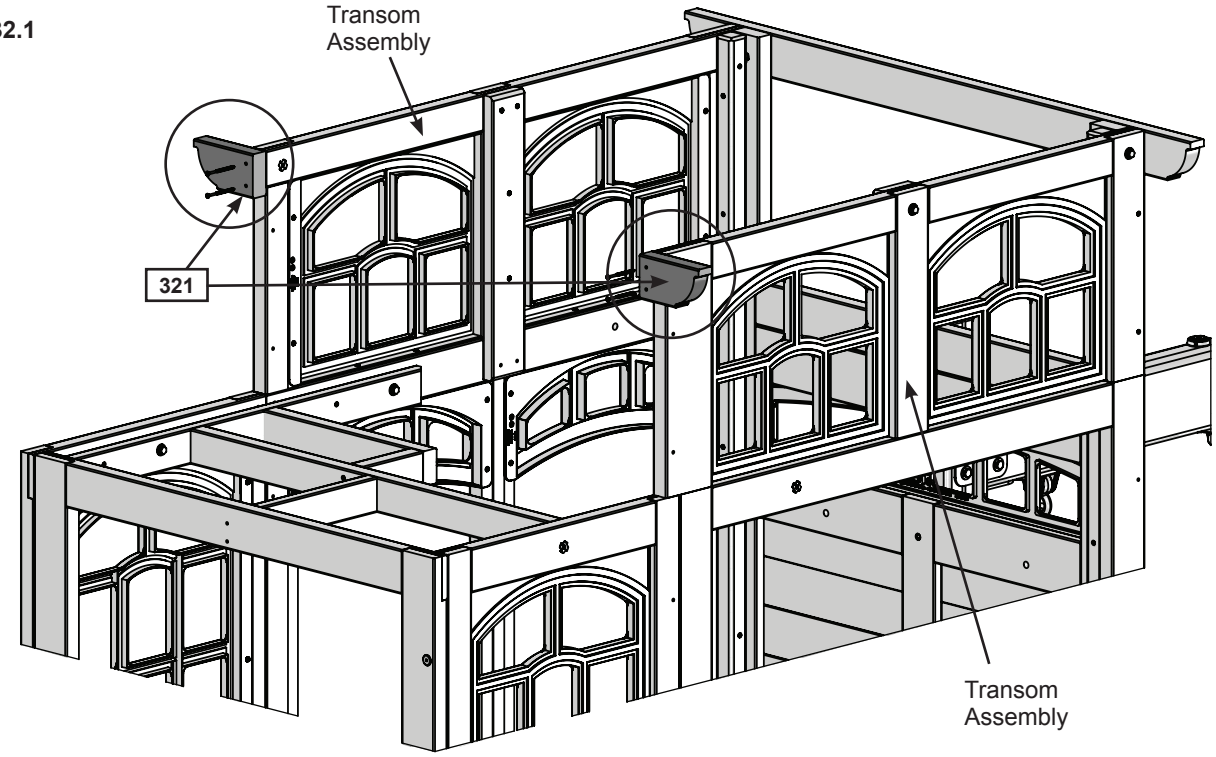
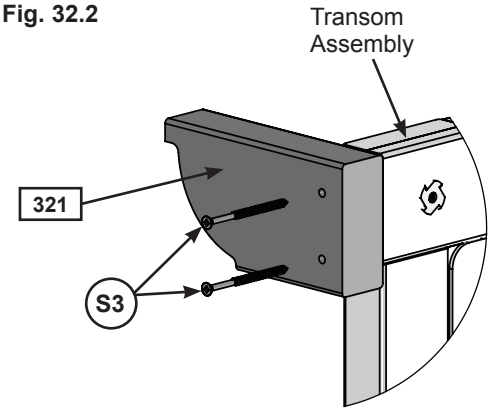


Fig. 32.2



Wood Parts

2 x [321] Swing Top Small 1-1/4 x 3 x 5-15/32"

Hardware

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

Step 33: 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 (251) Roof Supports sit flush to the front and outside edges of (281) Swing Top and the (321) Swing Top Small. (fig. 33.1 and 33.2)

B: Attach (251) Roof Supports to (281) Swing Top and (321) Swing Top Small with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 33.1 and 33.2)

Fig. 33.1

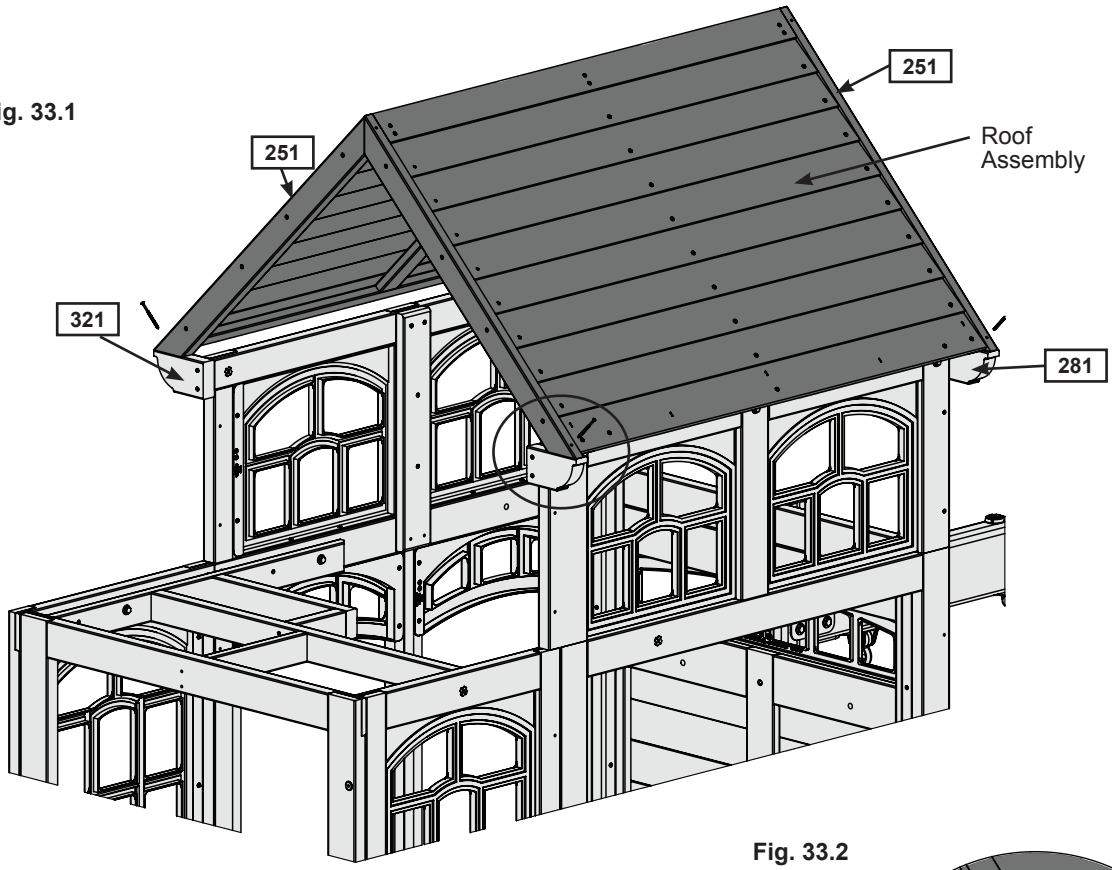
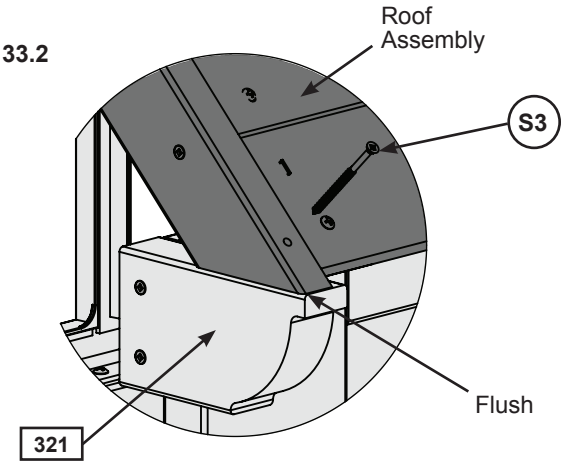


Fig. 33.2



Hardware

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

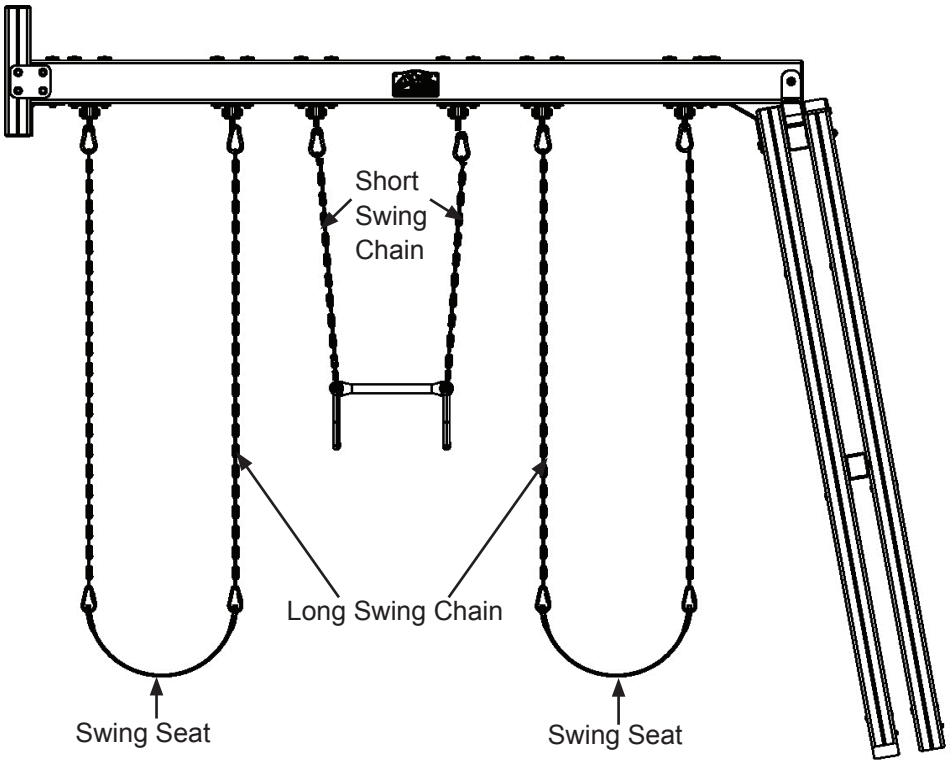
Step 34: Attach Swings

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. 34.1 and 34.2).

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. 34.2 and 34.3)

C: Attach the other end of the swing chains to the Spring Loaded Quick Links attached to the Heavy Duty Swing Hangers. (fig. 34.1)

Fig. 34.1



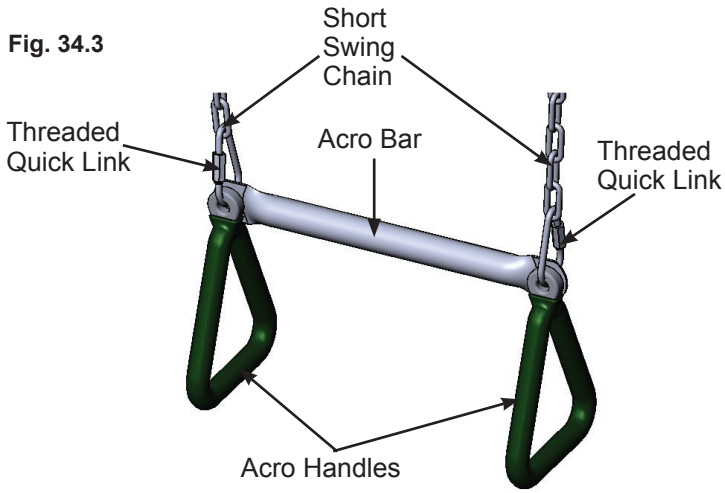
Caution: Threaded Quick Links must be installed with the gate completely down covering the threads and tighten as instructed. (fig. 34.2)

Fig. 34.2

Threaded Quick Links attach to seat and Acro bar.

Tighten Threaded Quick Link using adjustable wrench

Fig. 34.3



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

Step 35: Assemble and Attach BBQ Kitchen Part 1

A: On (082) Front Wall place BBQ Base on (182) 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 (182) Table Top with 4 (S0) #8 x 7/8” Truss Screws. (fig. 35.1, 35.2 and 35.3)

B: Snap BBQ Lid on to the back of BBQ Base. (fig. 35.4)

Fig. 35.1

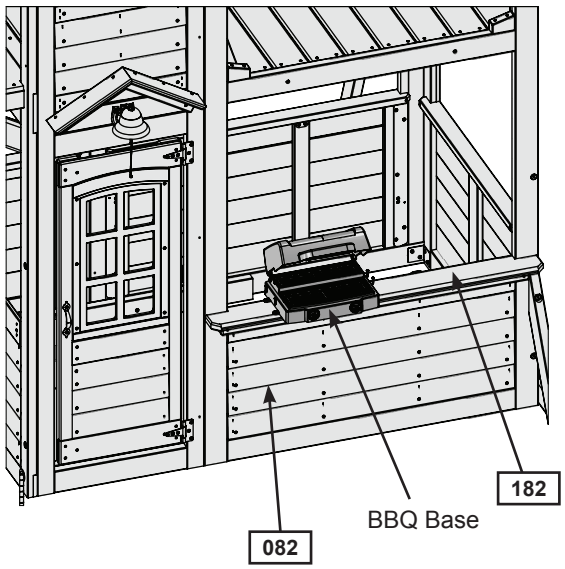


Fig. 35.2

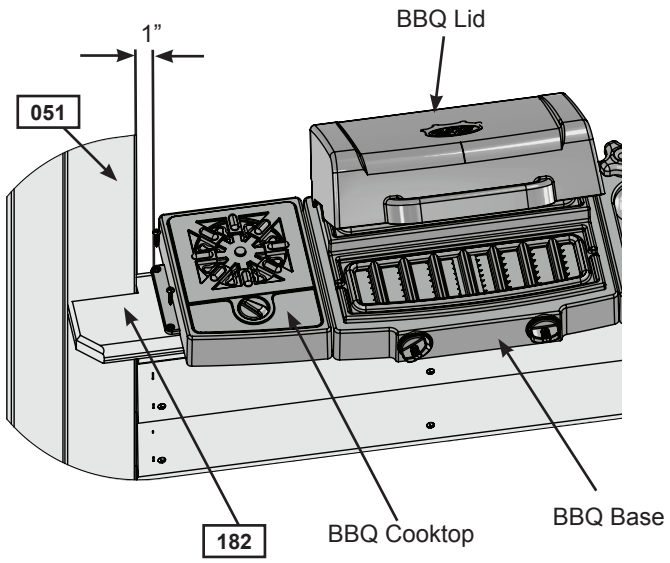


Fig. 35.3

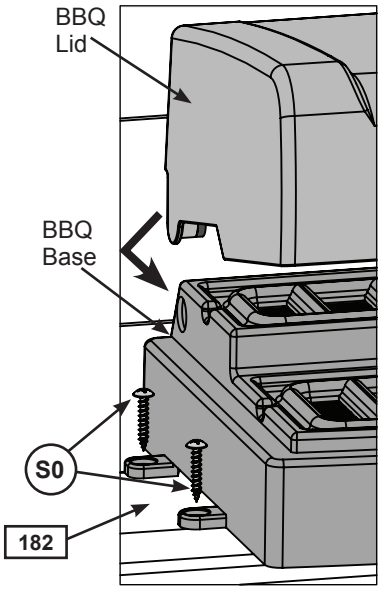
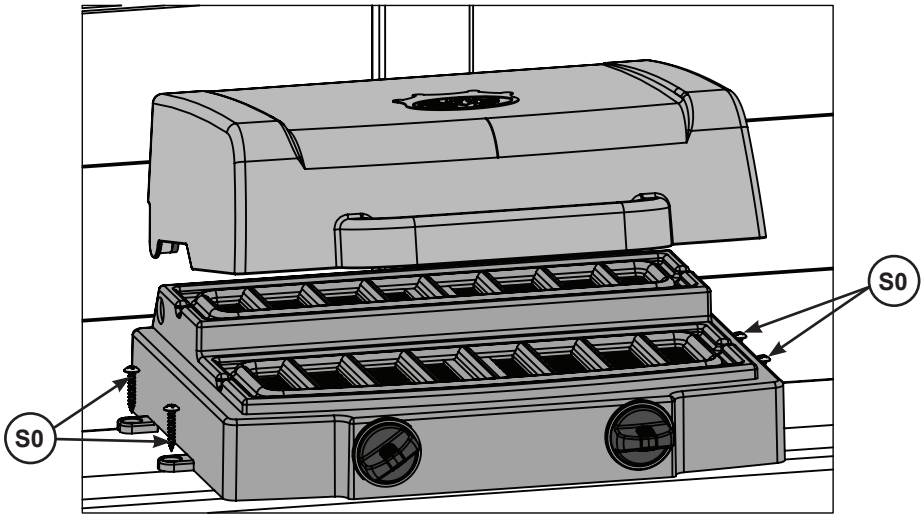


Fig. 35.4



Hardware

4 x (S0) #8 x 7/8” Truss Screw

Other Parts

1 x BBQ Base
1 x BBQ Lid

Step 35: Assemble and Attach BBQ Kitchen Part 2

C: Place Faucet and 2 Sink Knobs in opening of Sink and attach Sink Knobs with included hardware. (fig. 35.5)
Important: Use a hand held screw driver and DO NOT over tighten.

D: 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 (182) Table Top with 2 (S0) #8 x 7/8" Truss Screws each. (fig. 35.6, 35.7, 35.8 and 35.9)

Fig. 35.5

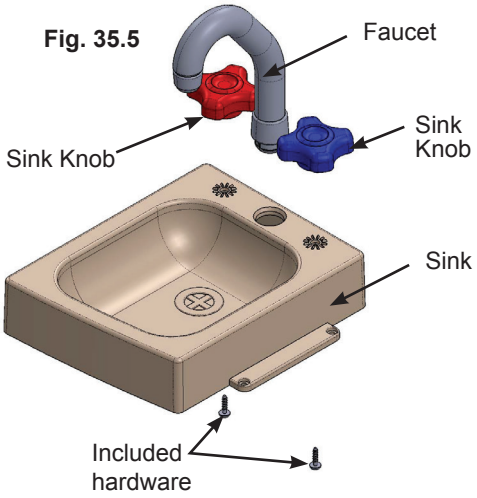


Fig. 35.6

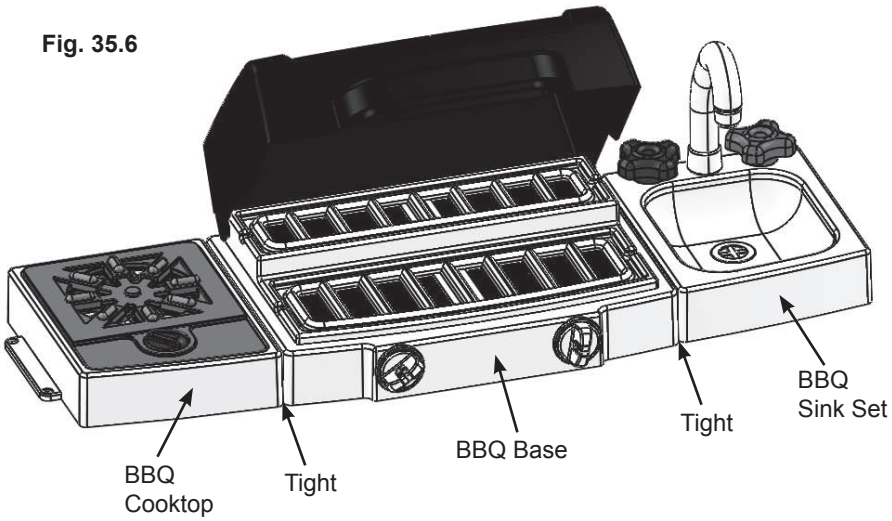


Fig. 35.7
Top View

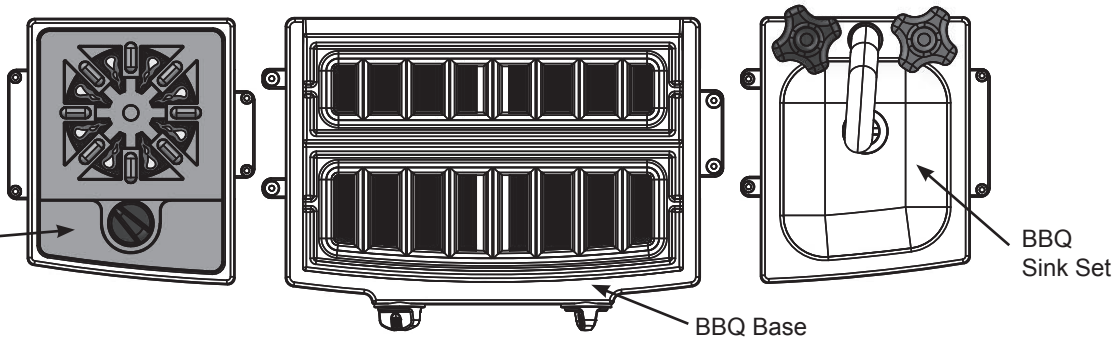


Fig. 35.8

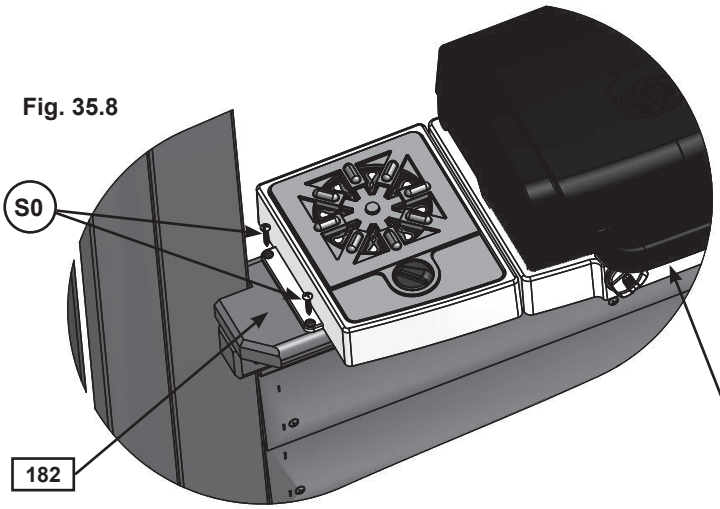
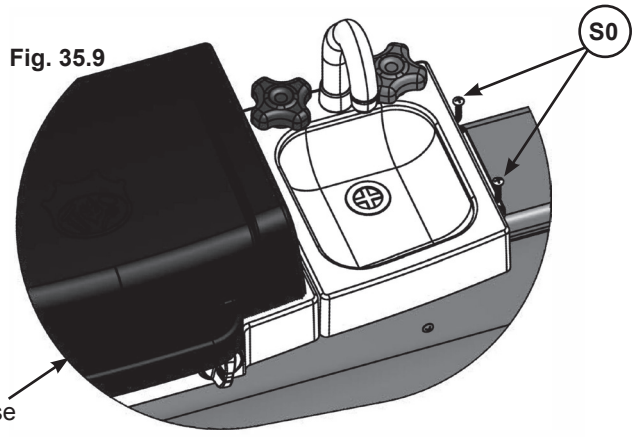


Fig. 35.9



Hardware

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

Other Parts

1 x BBQ Cooktop
1 x BBQ Sink Set

Step 36: Attach Utensil Shelves Part 1

A: From outside the assembly in the top of the opening of (082) 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. 36.1 and 36.2.

B: Attach Sign to the Utensil Shelf. (fig. 35.3)

Fig. 36.1

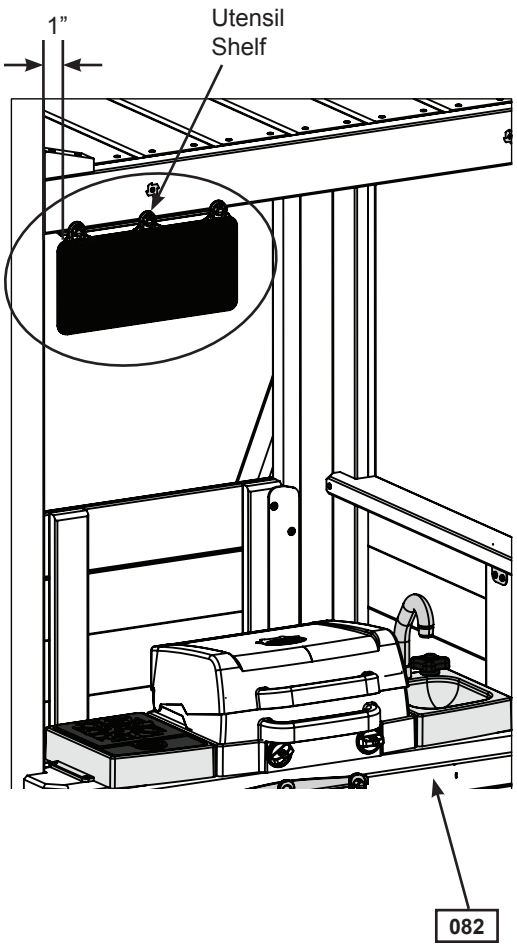


Fig. 36.2

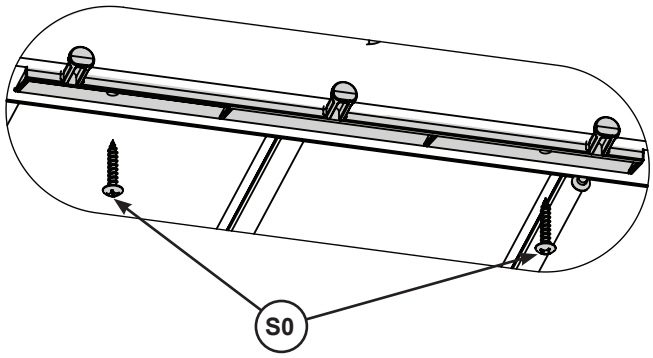
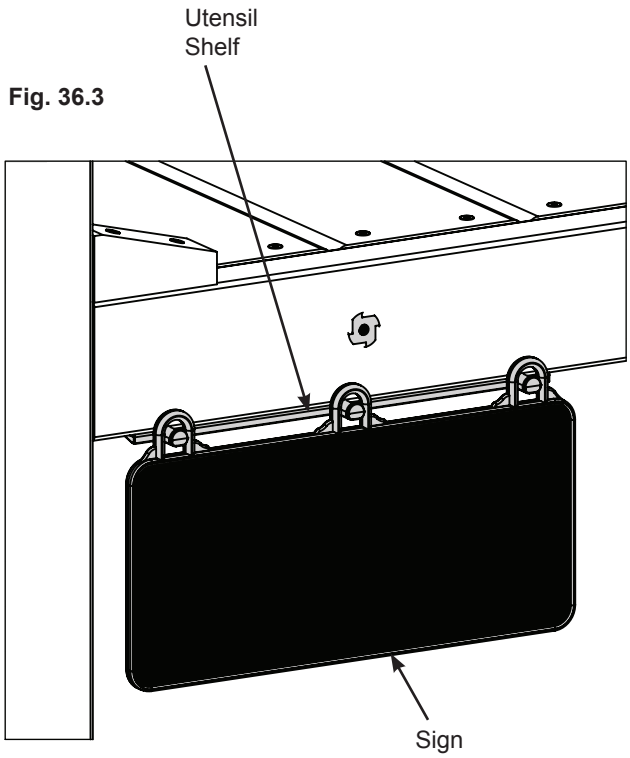


Fig. 36.3



Hardware

2 x (S0) #8 x 7/8” Truss Screw

Other Parts

1 x Utensil Shelf
1 x Sign

Step 36: Attach Utensil Shelves Part 2

C: From outside the assembly, centred below the BBQ Kitchen attach 1 Utensil Shelf to (181) Table Support with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 36.4 and 36.5.

D: Attach Pan, Tongs and Spatula to the Utensil Shelf. (fig. 36.6)

E: Place Basket next to BBQ Kitchen on (182) Table Top. (fig. 36.7)

Fig. 36.4

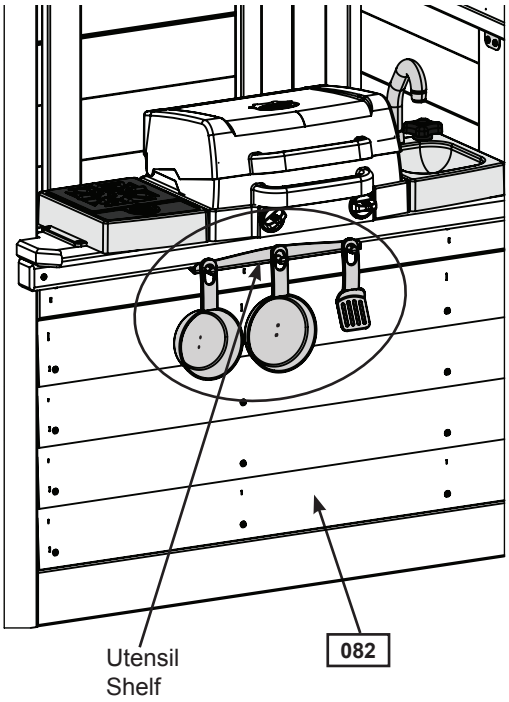


Fig. 36.5

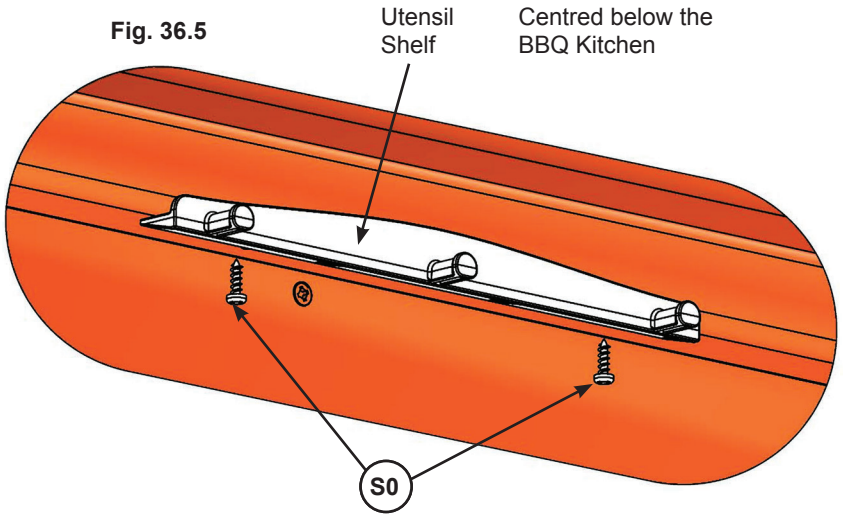


Fig. 36.6

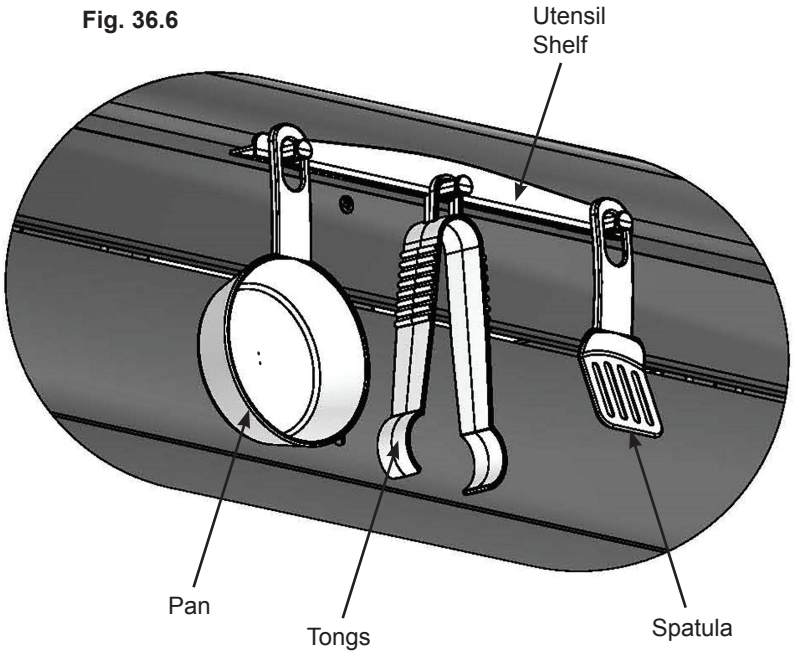


Fig. 36.7

Hardware

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

Other Parts

1 x Utensil Shelf
1 x BBQ Utensils
1 x Basket with Fruit

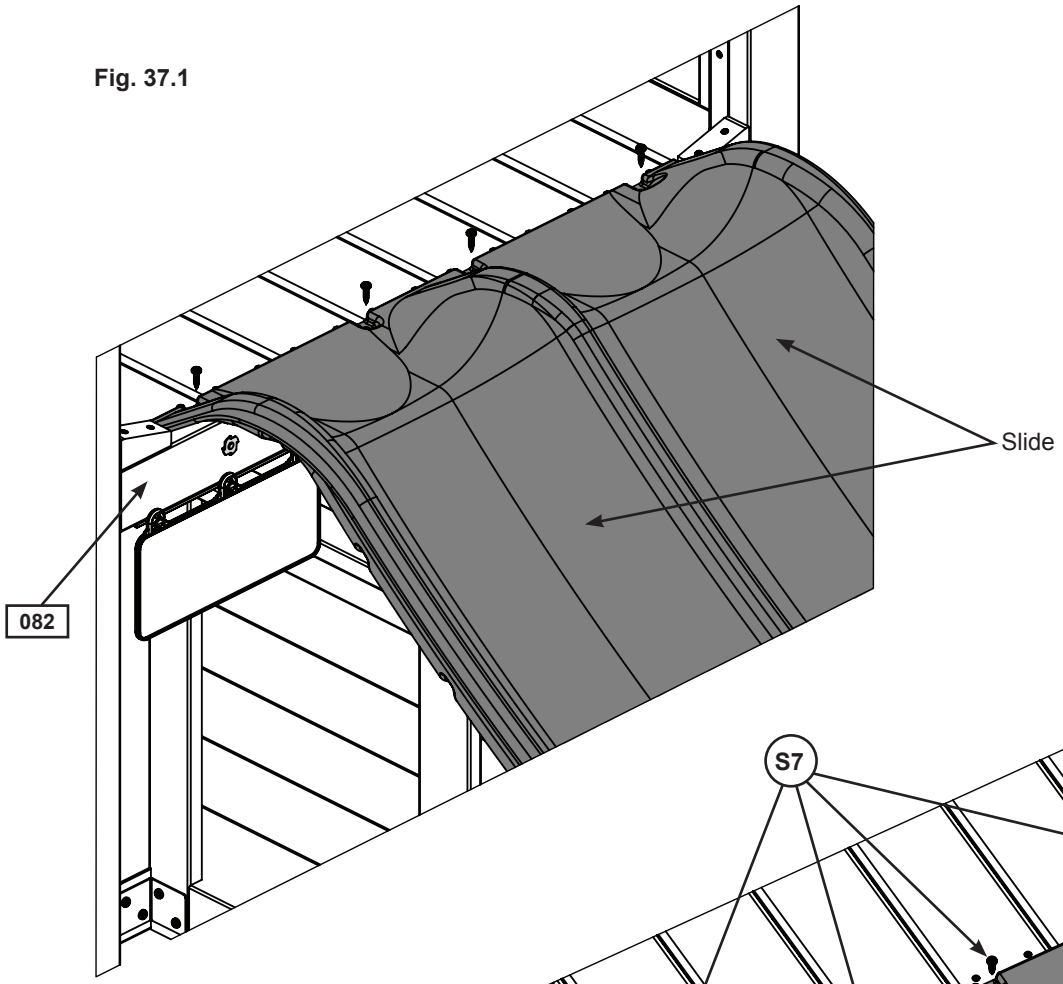
Step 37: Attach Slides to Fort

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 (082) Front Wall Panel. (fig. 37.1)

B: Attach slide to fort using 4 (S7) #12 x 2" Pan Screws. (fig. 37.2)

Fig. 37.1



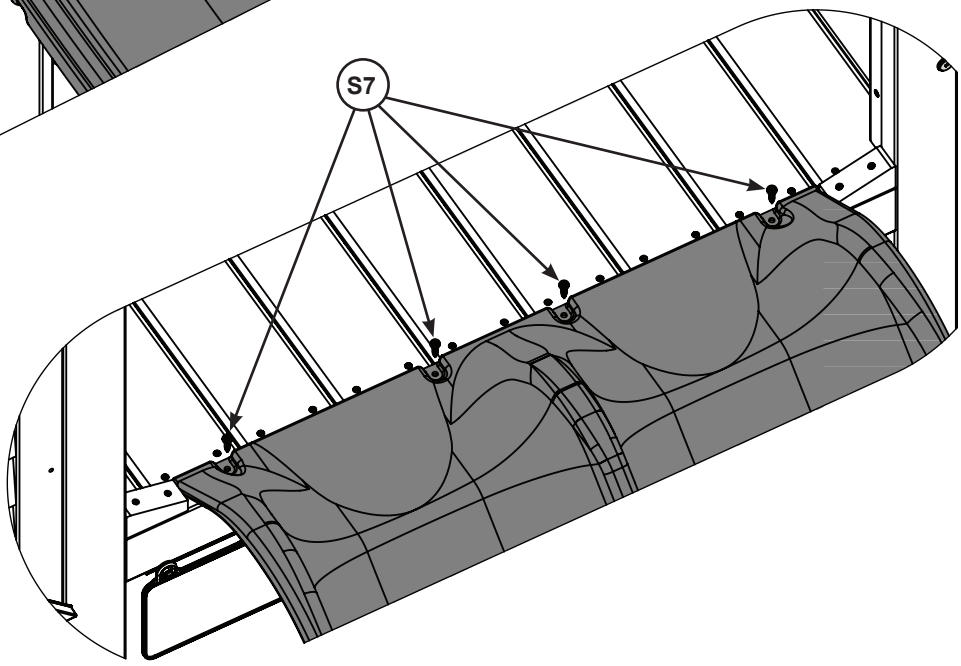


Fig. 37.2

Hardware

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

Other Parts

1 x Maze N Wave Double Slide Yellow

Step 38: Install Nest Wall Joists

A: Measure 5/8” (15.9mm) down from the top of the End Wall and place 1 (381) Nest Floor Joist A so that the 2 pre-drilled holes are on the left side. Before attaching the Nest Joist make sure that it measures 1-7/8” (47.1mm) from the left edge of the assembly and 1-15/32” (35.5mm) from the right edge. Attach using 6 (S11) #8 x 2” Wood Screws. (fig. 38.1, 38.2 and 38.3)

B: Place (382) Nest Wall Spacer in the opening of the End Wall Panel so that it sits against the floorboards and is flush with the End Panel. (fig. 38.1 and 38.3)

C: Measure 5/8” (15.9mm) down from the top of (382) Nest Wall Spacer and place 1 (381) Nest Floor Joist A so that the 2 pre-drilled holes are on the left side, making sure to maintain a measurement of 1-7/8” (47.1mm) from the left edge of the assembly and 1-15/32” (35.5mm) from the right edge. Attach (381) Nest Floor Joist A and (382) Nest Wall Spacer using 6 (S11) #8 x 2” Wood Screws. (fig. 38.1, 38.2 and 38.3)

D: From inside the fort center 1 Flat Panel Bracket over the ends of (382) Nest Wall Spacer and (071) Nest End Panel. Attach each Flat Panel Bracket using 4 (S0) #8 x 7/8” Truss Screws. (fig. 38.4)

Fig. 38.1

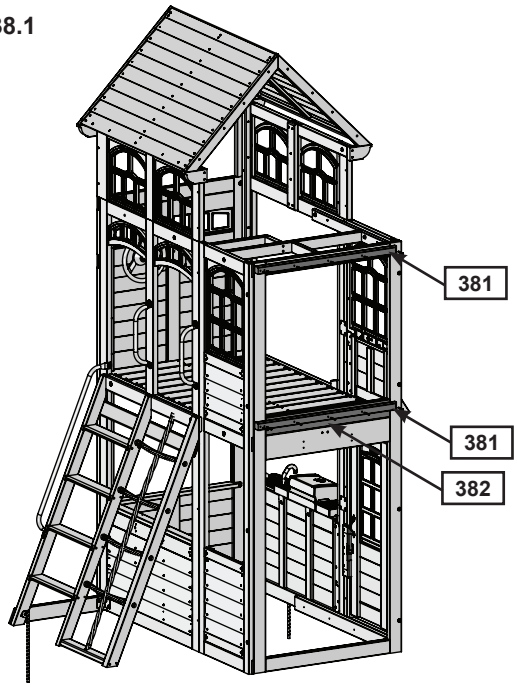


Fig. 38.2
Top View

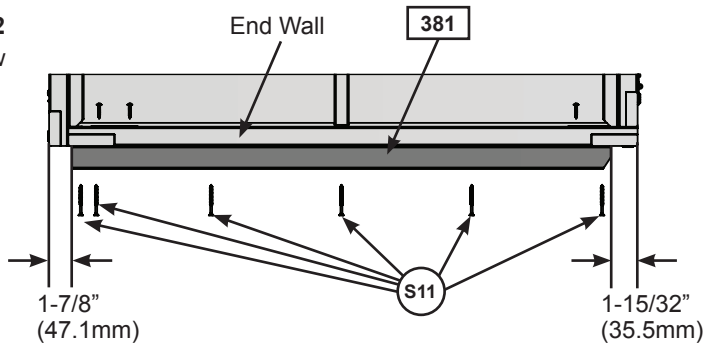


Fig. 38.3

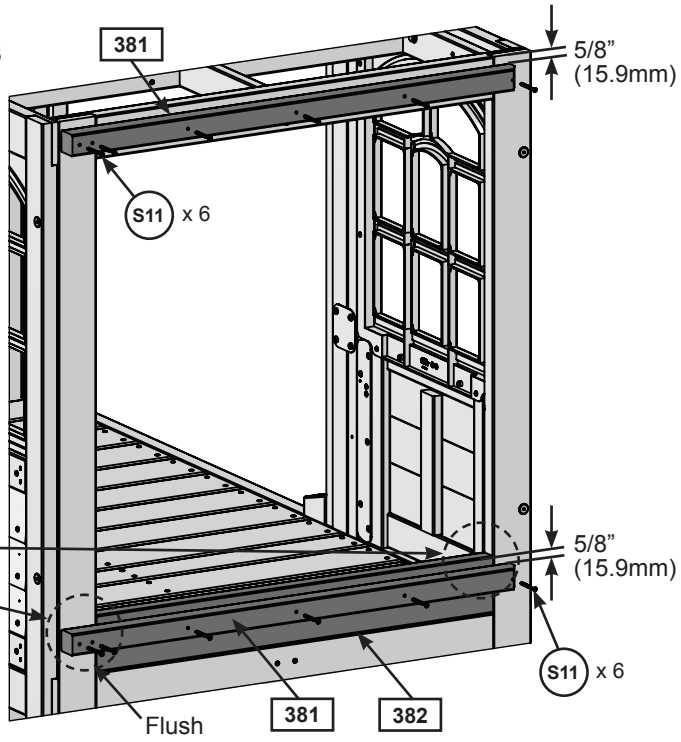
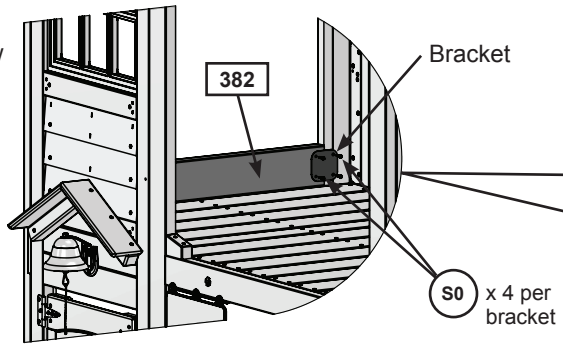


Fig. 38.4
Inside View



Wood Parts	Hardware	Other Parts
2 x 381 Nest Floor Joist A 1-1/2 x 1-1/2 x 35”	12 x S11 #8 x 2” Wood Screw	2 x Flat Panel Bracket
1 x 382 Nest Wall Spacer 1-1/4 x 4 x 31”	8 x S0 #8 x 7/8” Truss Screw	

Step 39: Attach Rock Wall Frame to Fort

A: With a helper hold Rock Wall Frame in place so that the corner of the Rock Frame lines up with the End Wall corner. (fig. 39.4) Make sure that the bottoms of both walls are flush. Attach using 4 Front Wall Brackets with 3 (S6) #12 x 1" Pan Screw per bracket. (fig. 39.1, 39.2, 39.3 and 39.4)

Fig. 39.1

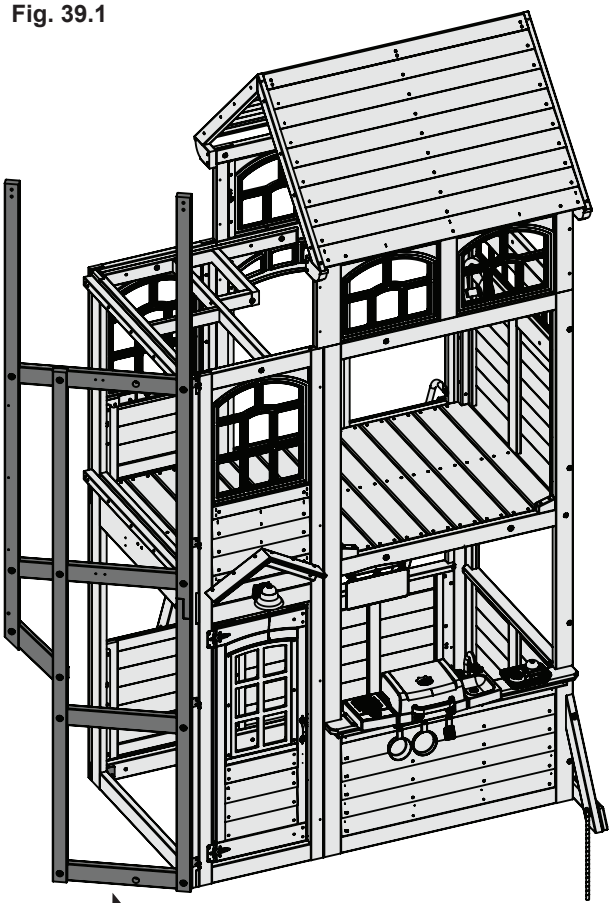


Fig. 39.2

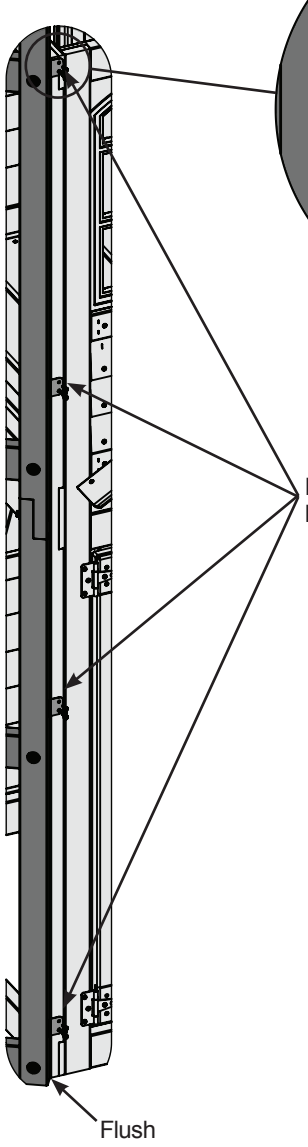


Fig. 39.3

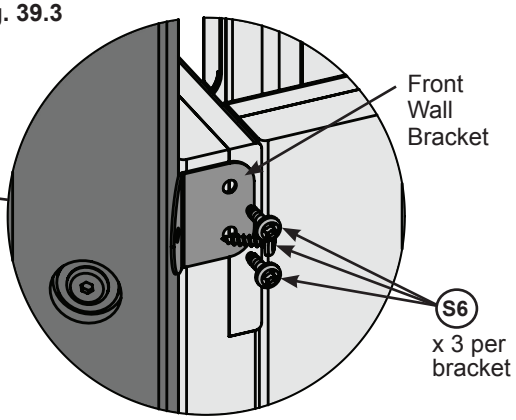
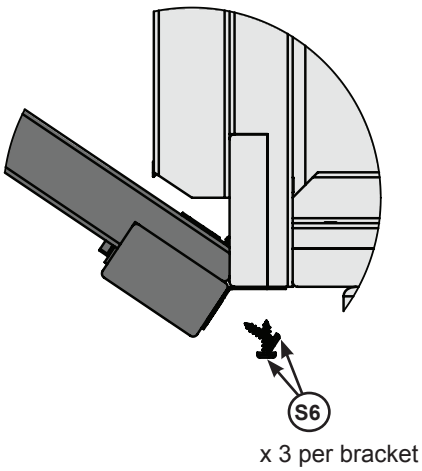


Fig. 39.4
Top View



Hardware	Other Parts
12 x (S6) #12 x 1" Pan Screw	4 x Front Wall Bracket

Step 40: Attach TNR Brace

A: With a helper, hold the Narrow Wall Frame in place as shown in fig.40.1. Place (401) TNR Brace Support so that it connects the Rock Wall Frame and the Narrow Wall Frame, making sure that the outside bolt holes are at the bottom. Attach to each frame using 1 (H13) Hex bolt.

Do not attach Narrow Wall Frame to the Fort.

Fig. 40.1

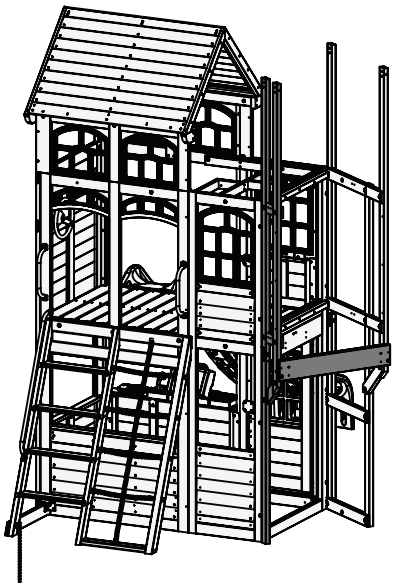


Fig. 40.2

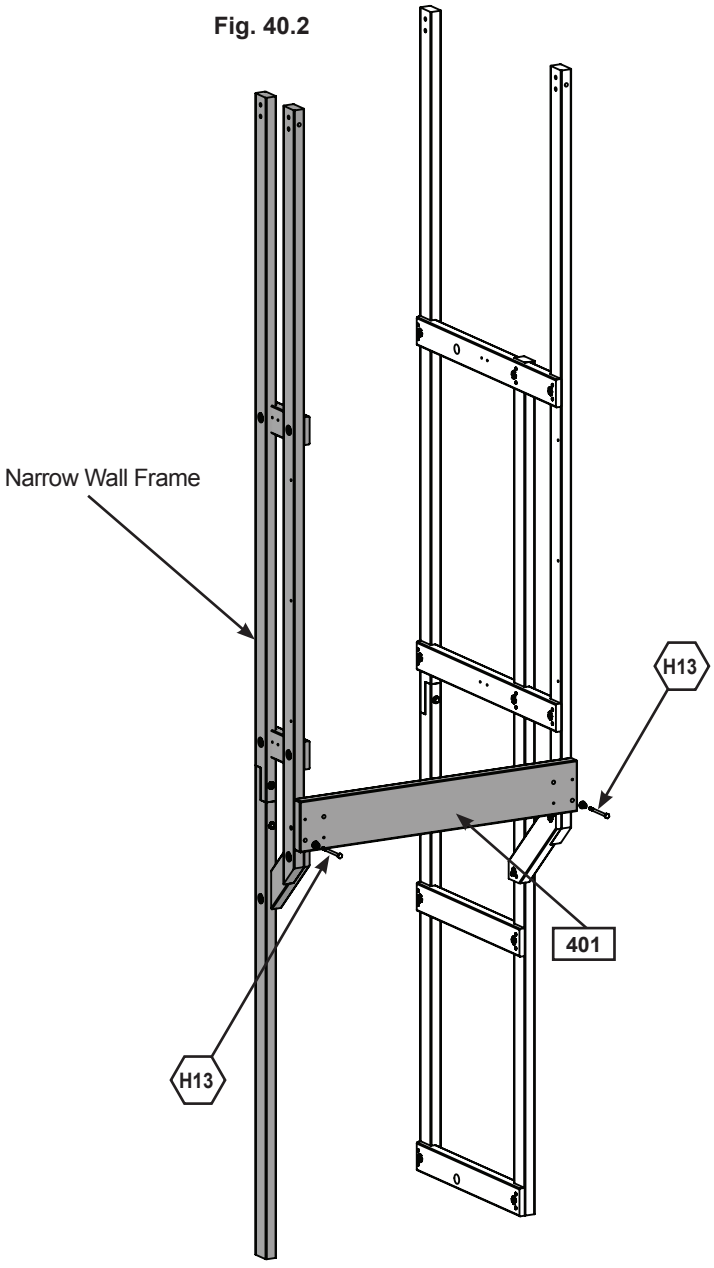
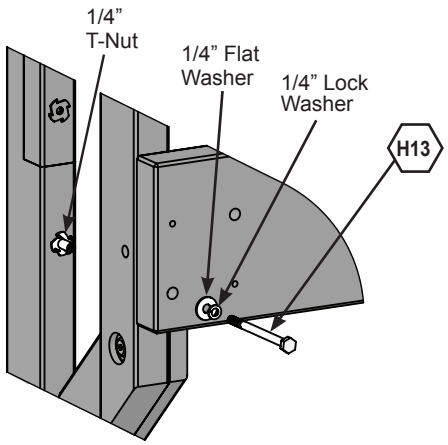


Fig. 40.3



Wood Parts

1 x 401 TNR Brace Support 1-1/4 x 5-1/2 x 33-3/8"

Hardware

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

Step 41: Install Side Supports

A: Place a (411) Side Support on the inside of the Narrow Wall Frame so that it sits behind the (401) TNR Brace Support at shown in fig. 41.1. Pre-drill holes using a 3/16" (4.8 mm) drill bit, then attach Side Support from the outside of the Narrow Frame using 3 (WL5) ¼ x 2-1/2" Wafer Lags in the upper holes and 1 (H5) ¼ x 4-1/2" Hex Bolt (with t-nut) in the bottom hole. (fig.41.1 and 41.2)

B: Repeat step A to install a Side Support on the inside of the Rock Wall Frame. (fig.41.2)

C: Install 1 (H3) ¼ x 2-1/2" Hex Bolt (with lock washer, flat washer and t-nut) into each remaining bolt hole on the (401) TNR Brace Support. (fig.41.1 and 41.2)

Fig. 41.1

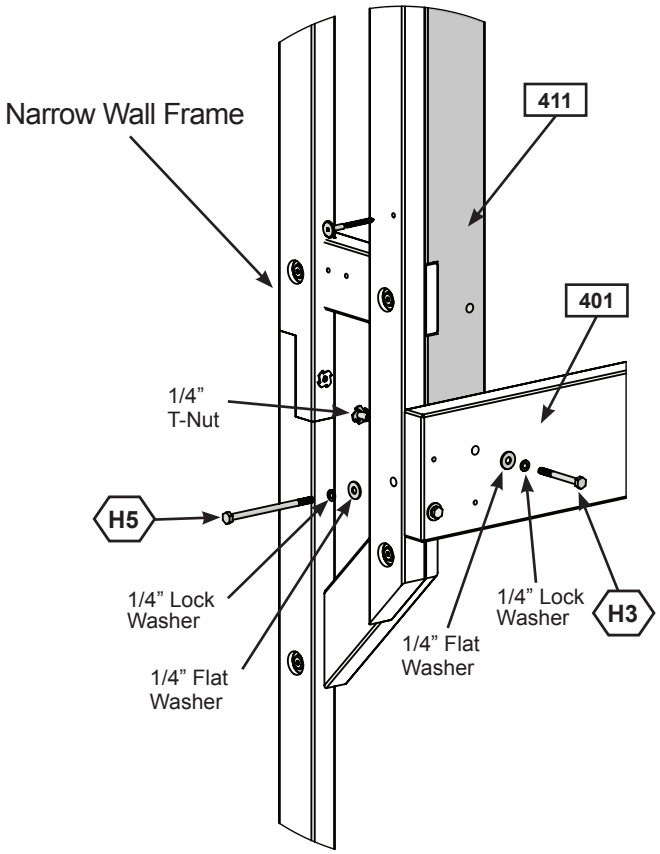
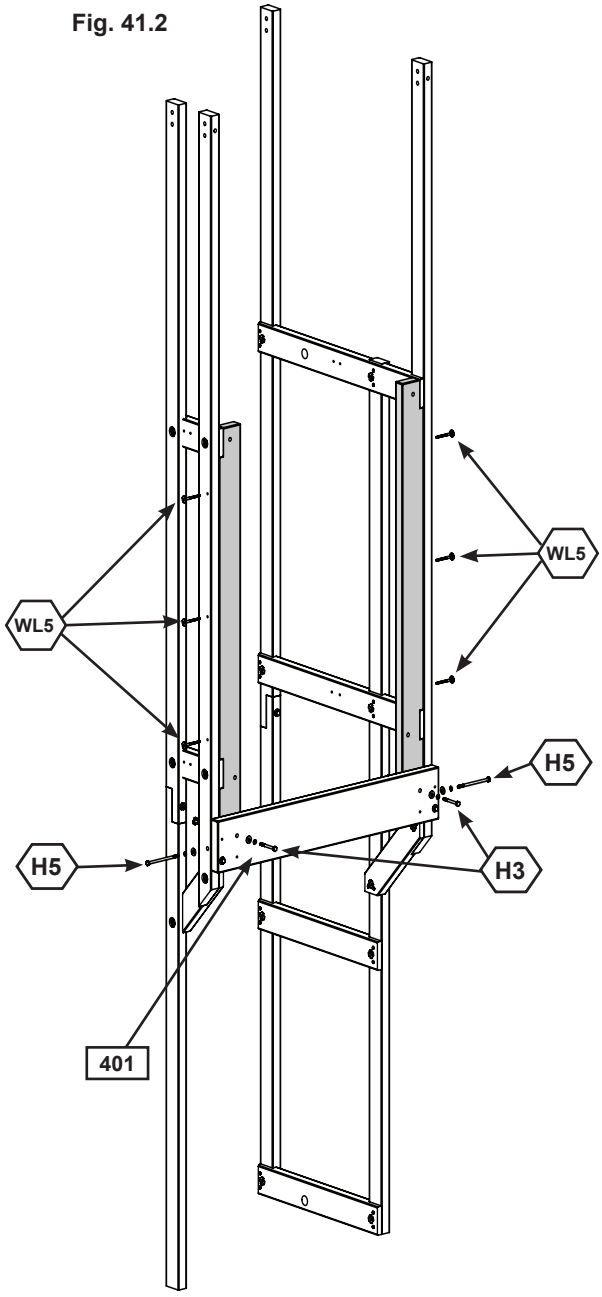


Fig. 41.2



Wood Parts

2 x 411 Side Support 1-1/4 x 3-1/4 x 46-1/4"

Hardware

6 x WL5 1/4 x 2-1/2" Wafer Lag

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

2 x H5 1/4 x 4-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 42: Install TNR Floor Supports

A: From inside the assembly attach (421) TNR Floor Support to each Side Support using 1 (H3) ¼ x 2-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per side. (fig.42.1 and 42.3)

B: From outside the assembly attach (422) TNR Front Support to (421) TNR Floor Support using 1 (H3) ¼ x 2-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per side, making sure to maintain a distance of 5/8" (15.9mm) between the top of the (422) TNR Front Support and the (421) TNR Floor Support. (fig. 42.1 and 42.2)

Fig. 42.1

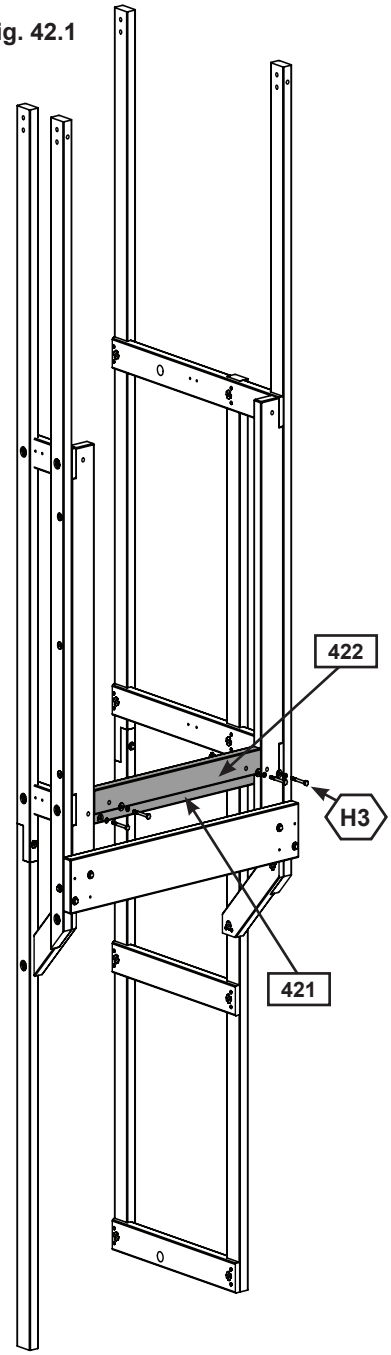


Fig. 42.2
Outside View

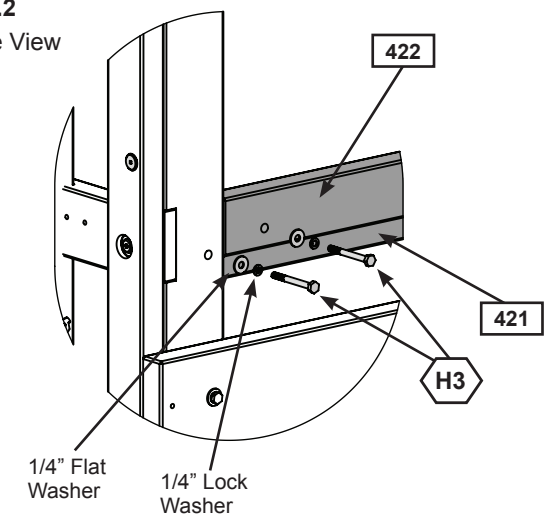
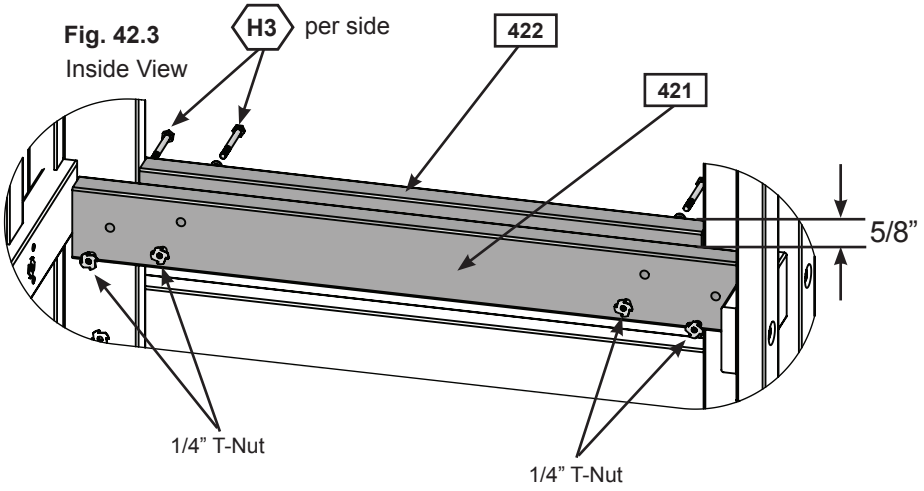


Fig. 42.3
Inside View



Wood Parts

1 x 421 TNR Floor Support 1-1/4 x 3-1/4 x 29-3/8"
1 x 422 TNR Front Support 1-1/4 x 2-1/2 x 24-1/4"

Hardware

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

Step 43: Install Upper SL Insert

A: From inside the assembly place the (431) Upper SL Insert so that the narrow board is at the bottom. Make sure that it's flush with the (411) Side Supports and attach each end using a Flat Panel Bracket with 4 (S0) #8 x 7/8" Truss Screws. (fig. 43.1 and 43.2)

Fig. 43.1

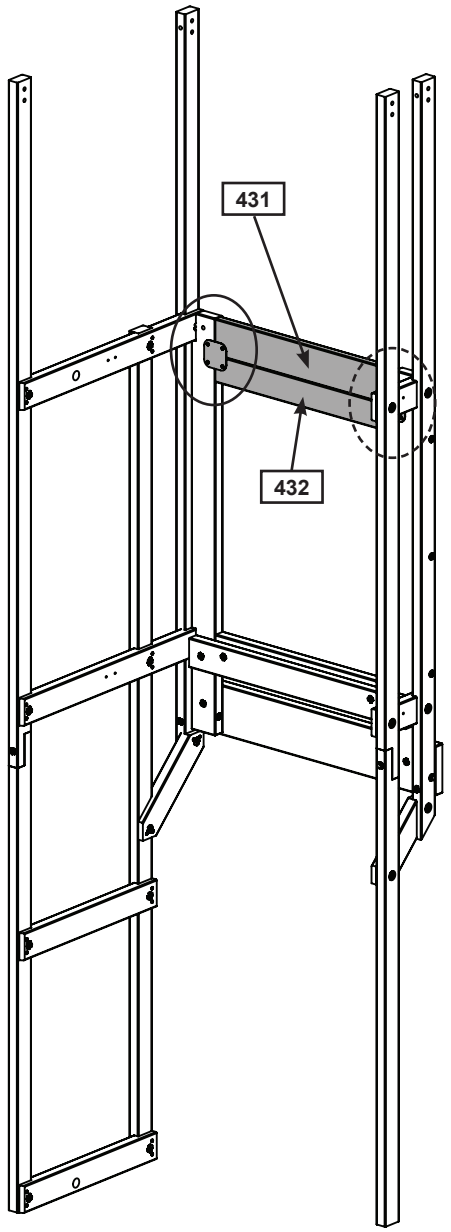
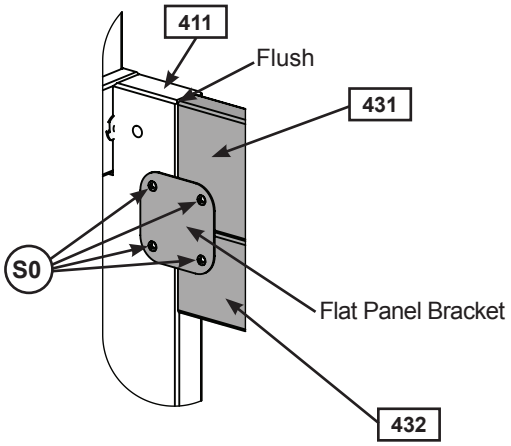


Fig. 43.2
Inside View



Wood Parts	Hardware	Other Parts
1 x 431 SL Bottom B 1-1/4 x 4 x 24-5/16"	8 x S0 #8 x 7/8" Truss Screw	2 x Flat Bracket
1 x 432 SL Bottom A 1-1/4 x 3 x 24-5/16"		

Step 44: Install Nest Floor Joists Part 1

A: Measure 5/8” (15.9mm) down from the top of the (431) SL Insert and place (441) Nest Floor Joist B on the inside as shown in fig.44.2. Install from the outside using 2 (H11) ¼ x 2-3/4” Hex Bolts (with lock washer, flat washer and t-nut) and from the inside using 3 (S11) #8 x 2” Wood Screws. (fig.44.1 and 44.2)

Fig. 44.1

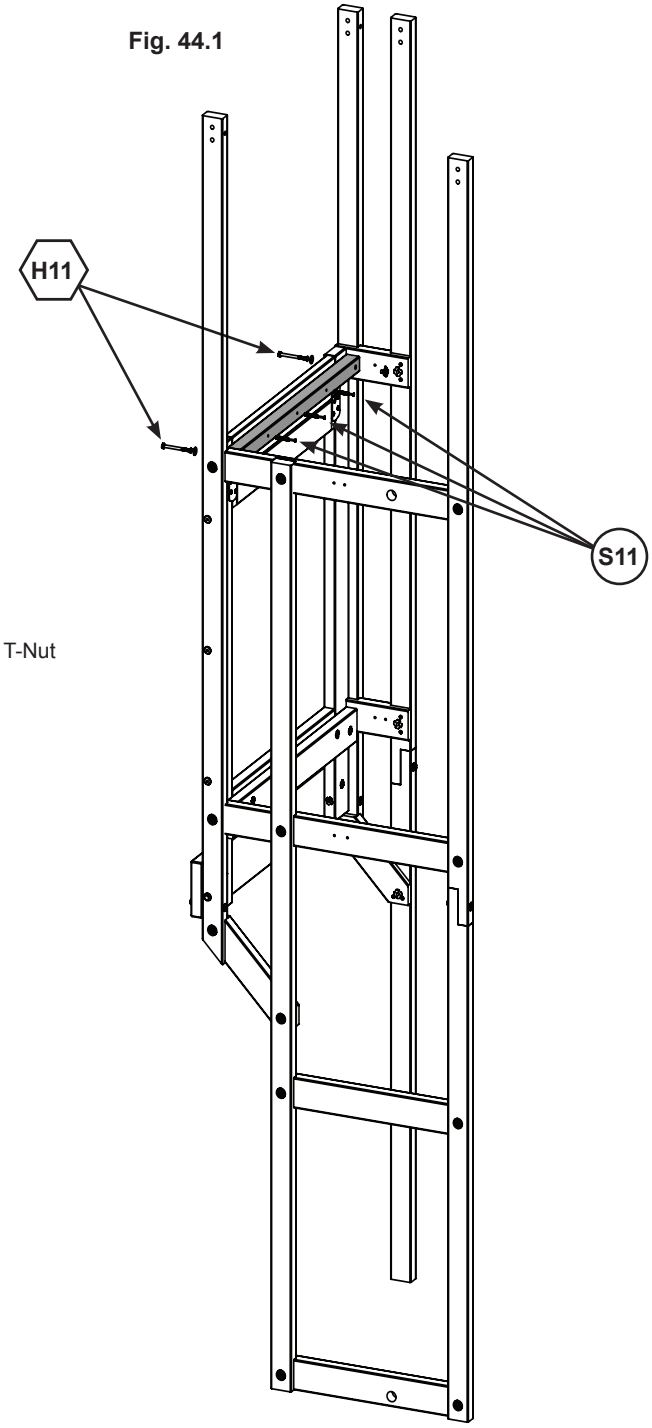
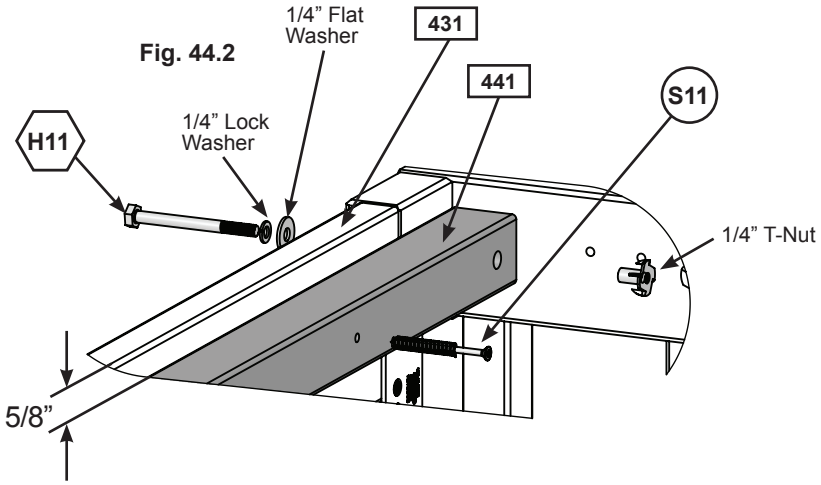


Fig. 44.2



Wood Parts

1 x [441] Nest Floor Joist B 1-1/2 x 1-1/2 x 29-1/2”

Hardware

3 x (S11) #8 x 2” Wood Screw

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

Step 44: Install Nest Floor Joists Part 2

B: Measure 5/8” (15.9mm) down from the top of the (053) Rope Support Back and the (064) Narrow Wall Cross and place (442) Nest Floor Joist C so that it lines up with the pre-drilled holes. Install using 2 (S4) #8 x 3” Wood Screws per side. (fig.44.3, 44.4, 44.5 and 44.6)

C: Repeat to install a second (442) Nest Floor Joist C on the lower level making sure to measure 5/8” (15.9mm) down from the (054) Rock Wall Floor Cross and the (064) Narrow Wall Cross. (fig.44.3)

Fig. 44.3

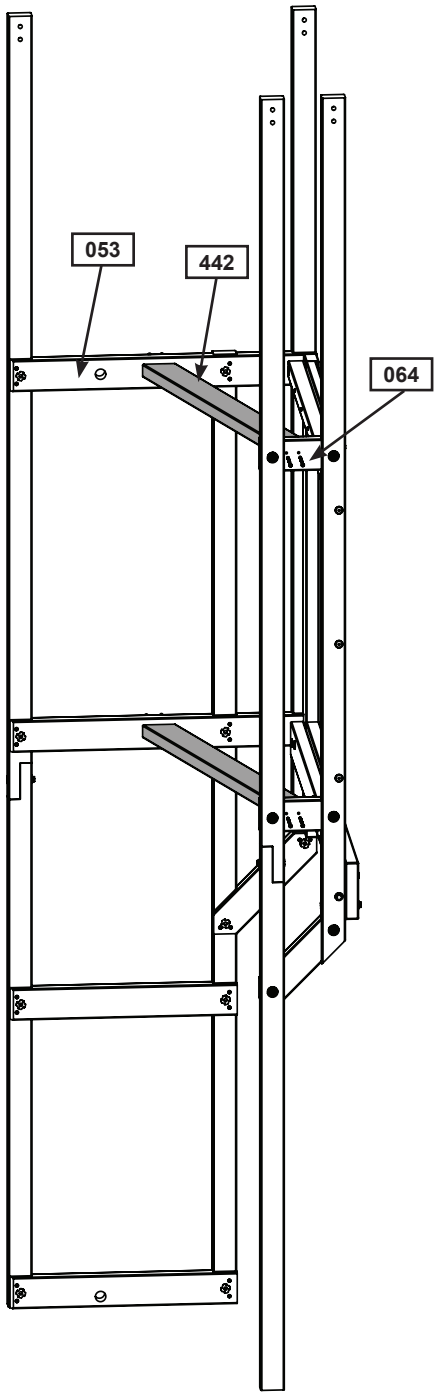


Fig. 44.4

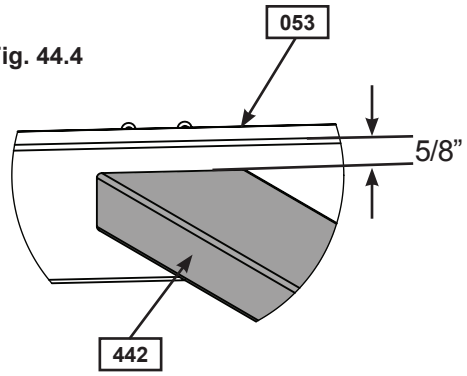


Fig. 44.5

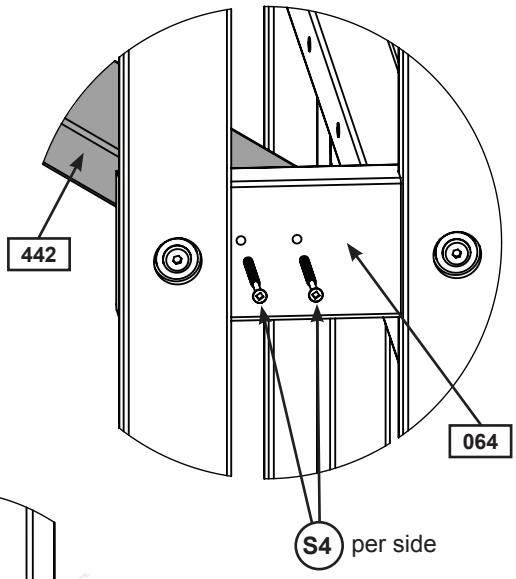
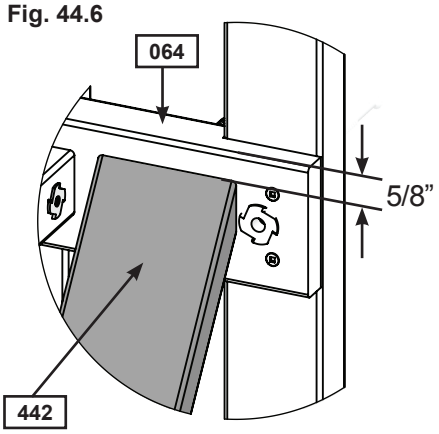


Fig. 44.6



Wood Parts

2 x 442 **Nest Floor Joist C 1-1/4 x 2-3/8 x 13-11/16”**

Hardware

8 x S4 **#8 x 3” Wood Screw**

Step 45: Install Slide Block

A: Center (451) Slide Block so that it's under the (422) TNR Front Support and behind the (401) TNR Brace Support. Attach (451) Slide Block to the (422) TNR Front Support from the outside using 2 (S11) #8 x 2" Wood Screws. (fig.45.1 and 45.3)

B: Check to ensure that Brace Assembly is square and then install 2 (S11) #8 x 2" Wood Screws from the outside into each side of the (401) TNR Brace Support. From the inside install 3 more (S11) #8 x 2" Wood Screws to attach (451) Slide Block to the (401) TNR Brace Support. (fig.45.1, 45.2 and 45.4)

Fig. 45.2
Inside View

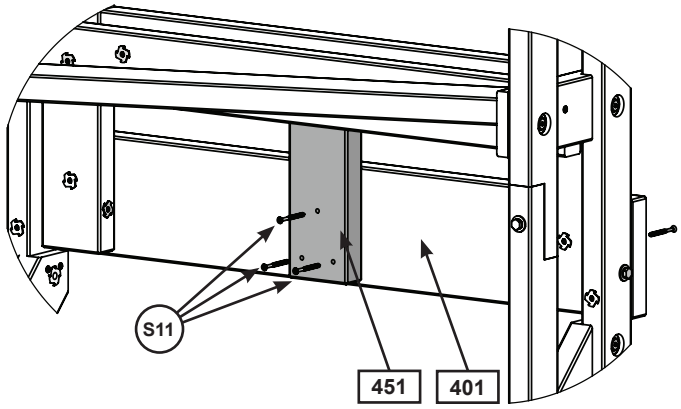


Fig. 45.3
Outside View

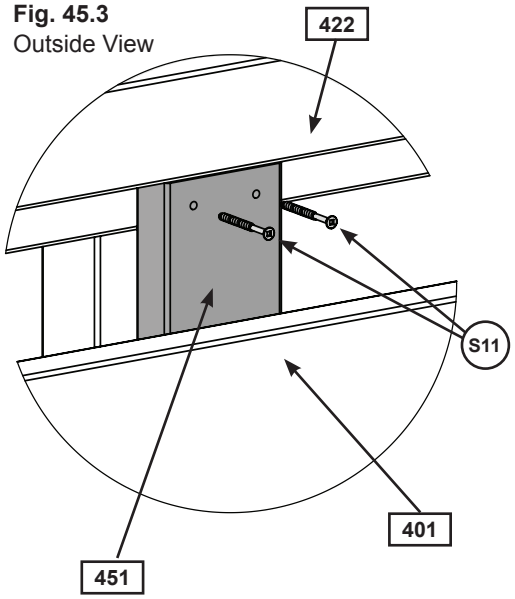


Fig. 45.4

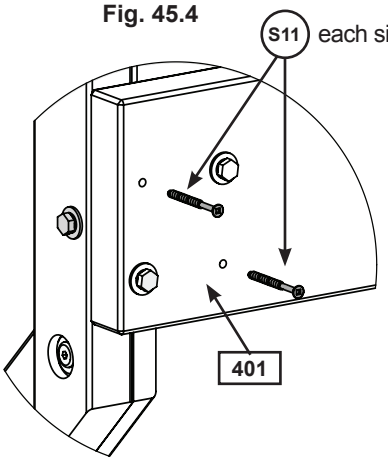
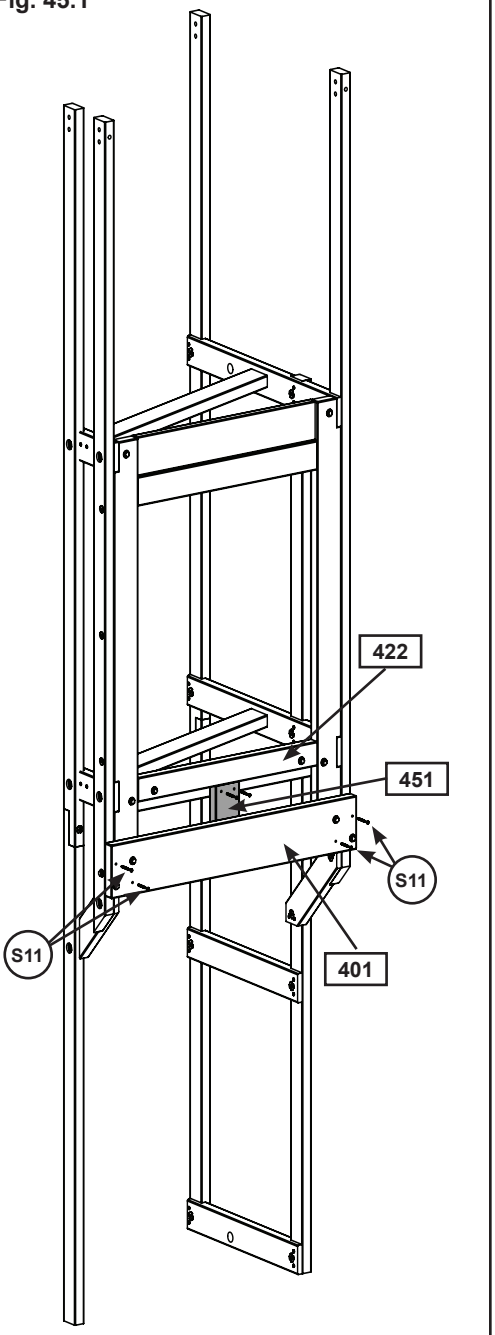


Fig. 45.1



Wood Parts

1 x [451] **Slide Block 1-1/4 x 3-1/4 x 8-3/4"**

Hardware

9 x (S11) **#8 x 2" Wood Screw**

Step 46: Attach Narrow Wall to Fort

A: Measure 4” (10cm) up from the ground and install 1 Wall Bracket using 3 (S6) #12 x 1” Pan Screws as shown in fig. 46.2 to connect the Narrow Wall to the Back Wall Panel.

B: Evenly space and install 3 more Wall Brackets to secure Narrow Wall to Fort. (fig. 46.1)

Fig. 46.1

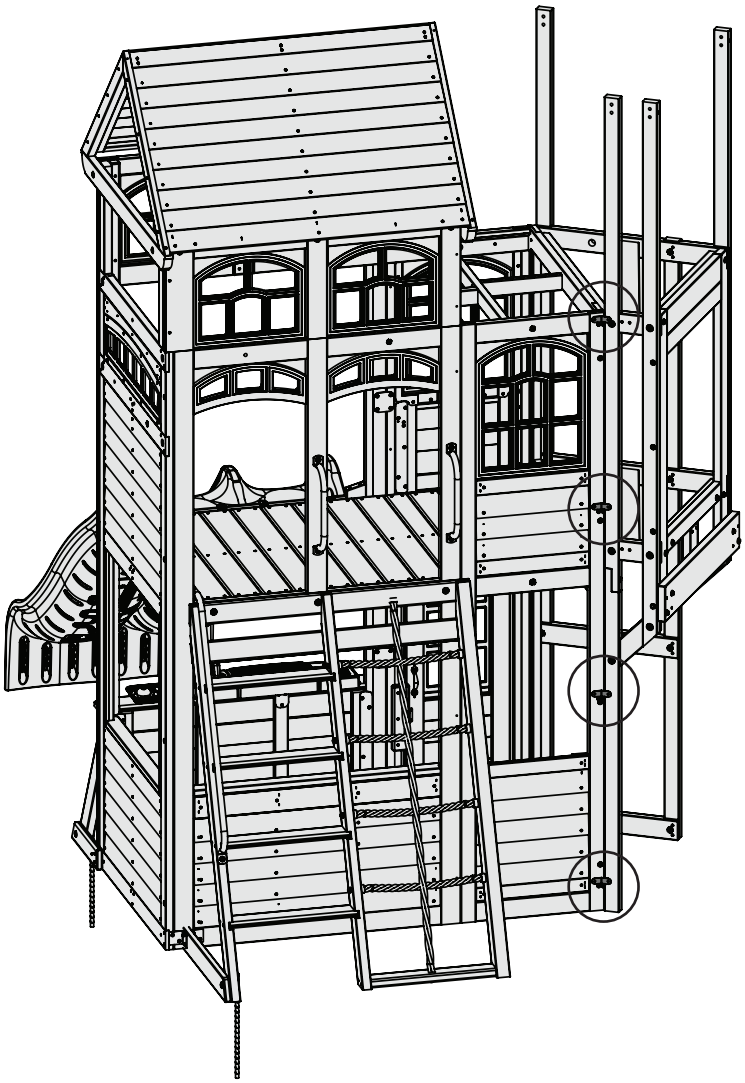
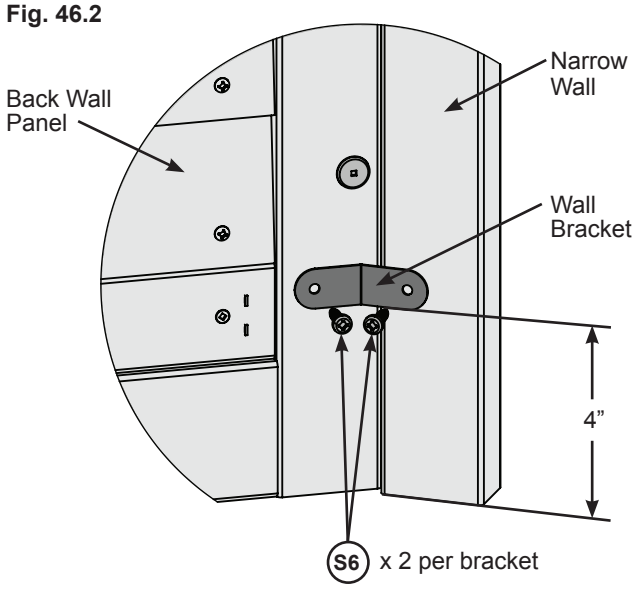


Fig. 46.2



Hardware	Other Parts
8 x (S6) #12 x 1” Pan Screw	4 x Wall Bracket (angled)

Step 47: Install Upper and Lower Nest Floor Boards Part 1

A: On the left side of the Lower Nest install 1 (471) Nest Floor Board G using 5 (S20) #8 x 1-3/8" Wood Screws making sure that it's tight to the (064) Narrow Wall Cross. (Fig. 47.1 & 47.3)

B: On the right side, place 1 (472) Nest Floor Board A making sure that it's tight to the (054) Rock Wall Floor Cross and attach using 5 (S20) #8 x 1-3/8" Wood Screws. (Fig. 47.2 & 47.3)

Fig.47.1

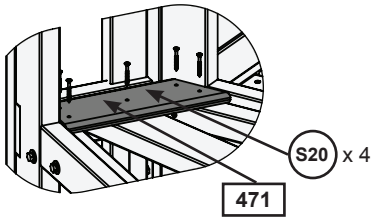


Fig.47.3

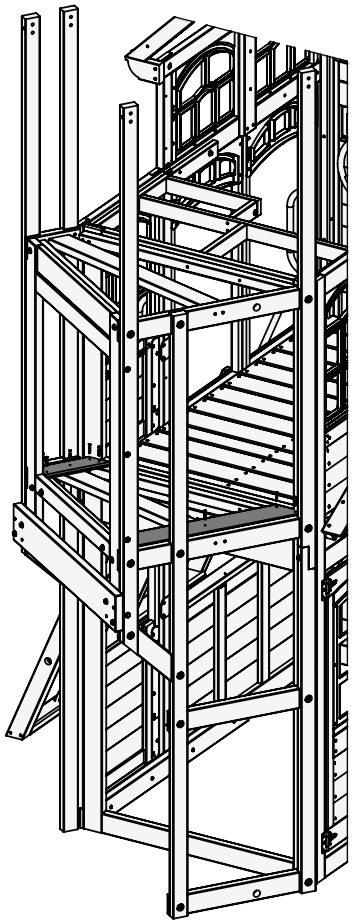
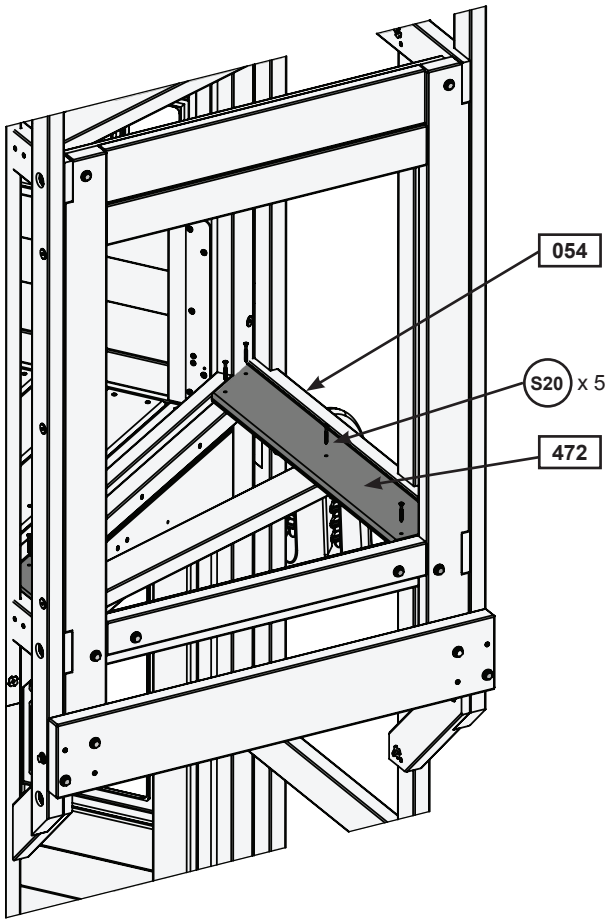


Fig.47.2



Wood Parts

1 x 471 Nest Floor Board G 5/8 x 3-1/4 x 10"
1 x 472 Nest Floor Board A 5/8 x 4-1/2 x 27-43/64"

Hardware

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

Step 47: Install Upper and Lower Nest Floor Boards Part 2

C: From left to right, evenly space (477) Nest Floor Board F, (476) Nest Floor Board E, (475) Nest Floor Board D, (474) Nest Floor Board C and (473) Nest Floor Board B. Attach each board using 5 (S20) #8 x 1-3/8" Wood Screws. (Fig. 47.4 & 47.5)

Fig. 47.5

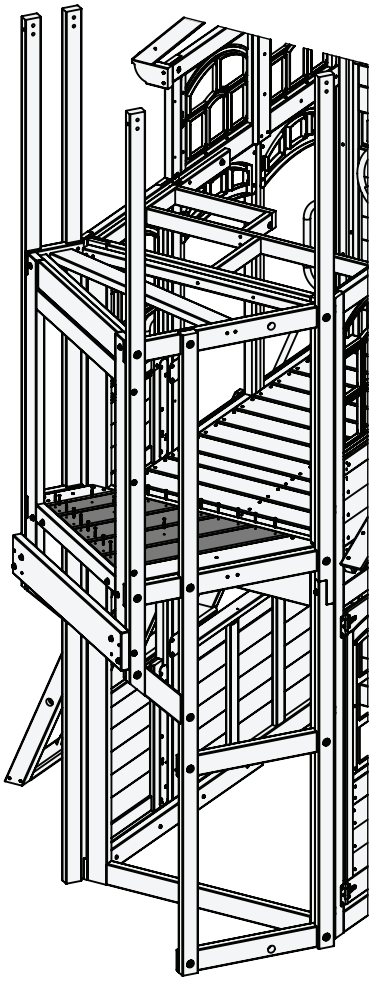
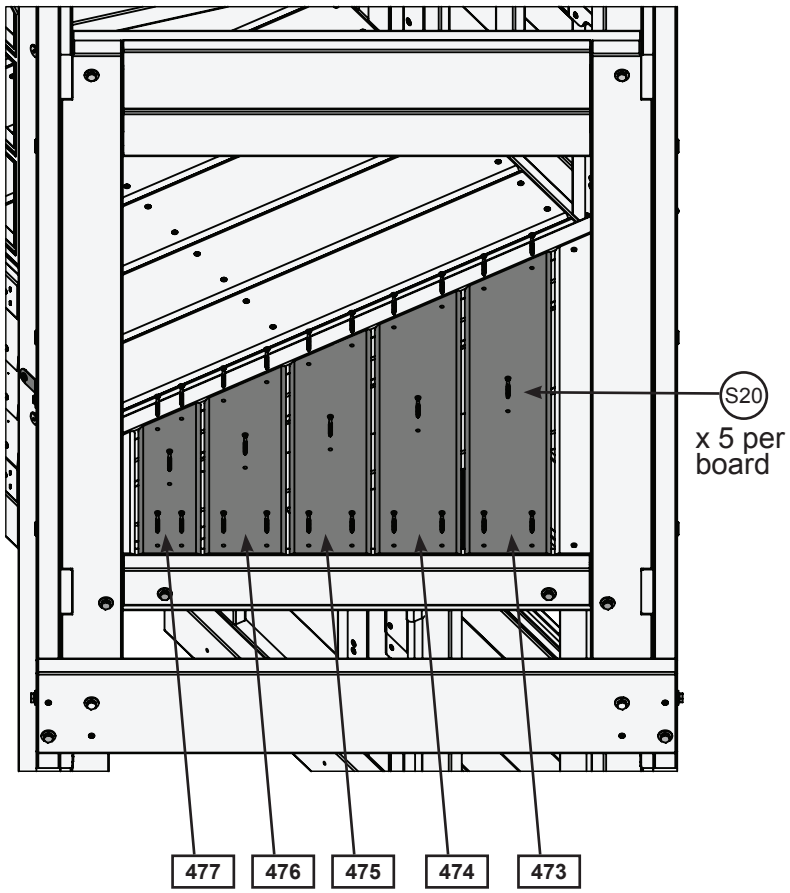


Fig. 47.4



Wood Parts

- 1 x 473 Nest Floor Board B 5/8 x 4-1/2 x 24-17/32"
- 1 x 474 Nest Floor Board C 5/8 x 4-1/2 x 21-13/32"
- 1 x 475 Nest Floor Board D 5/8 x 3-1/4 x 18-1/4"
- 1 x 476 Nest Floor Board E 5/8 x 3-1/4 x 15-19/64"
- 1 x 477 Nest Floor Board F 5/8 x 3-1/4 x 10"

Hardware

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

Step 47: Install Upper and Lower Nest Floor Boards Part 3

D: Repeat steps A-C to install Upper Nest Floor Boards. (Fig. 47.6 & 47.7 & Fig. 47.8 & 47.9 & 47.10)

Fig. 47.6

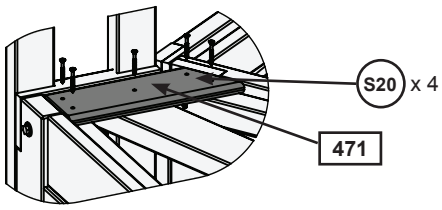


Fig. 47.7

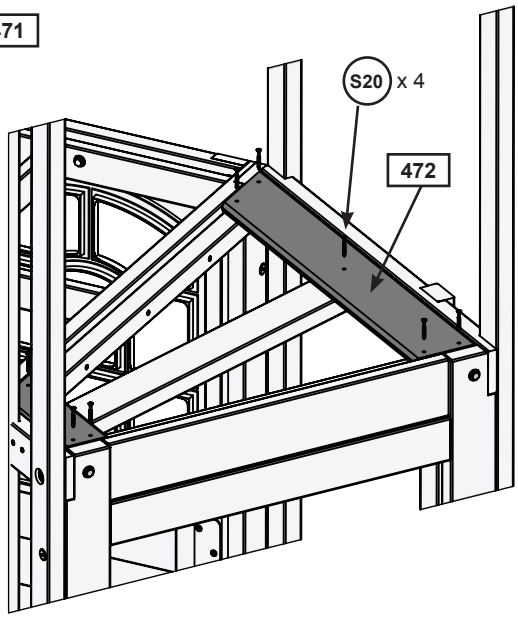


Fig. 47.8

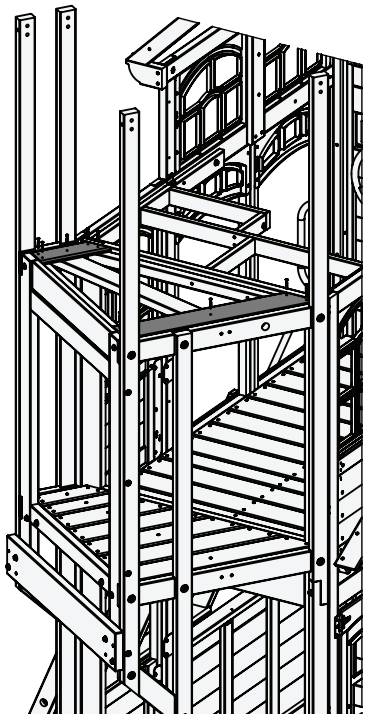


Fig. 47.9

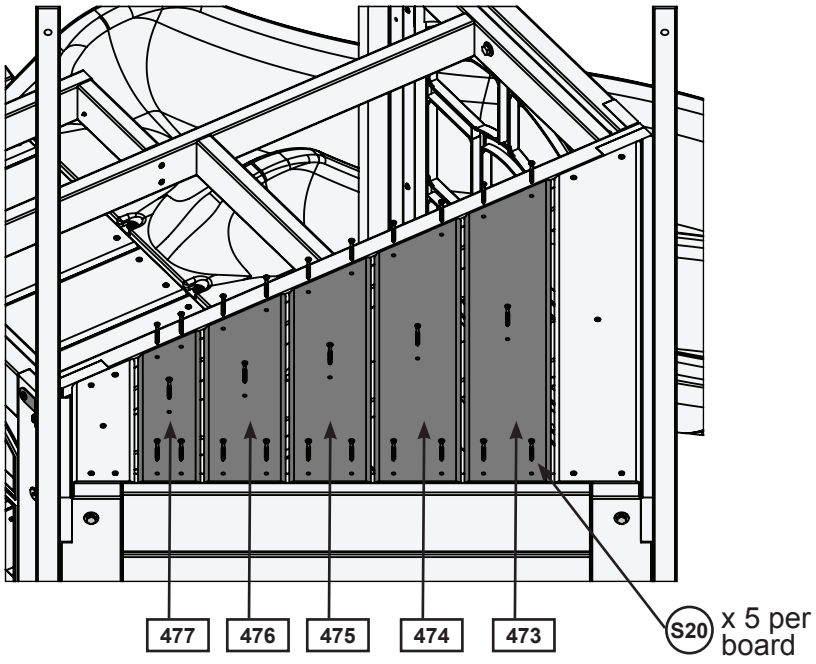
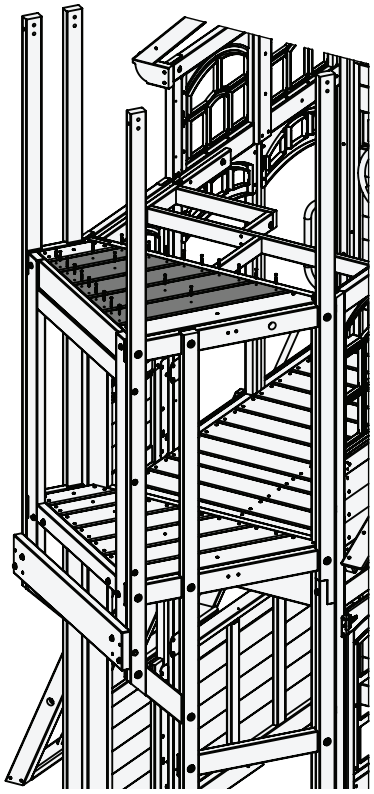


Fig. 47.10



Wood Parts

- 1 x 473 Nest Floor Board B 5/8 x 4-1/2 x 24-17/32”
- 1 x 474 Nest Floor Board C 5/8 x 4-1/2 x 21-13/32”
- 1 x 475 Nest Floor Board D 5/8 x 3-1/4 x 18-1/4”
- 1 x 476 Nest Floor Board E 5/8 x 3-1/4 x 15-19/64”
- 1 x 477 Nest Floor Board F 5/8 x 3-1/4 x 10”
- 1 x 471 Nest Floor Board G 5/8 x 3-1/4 x 10”
- 1 x 472 Nest Floor Board A 5/8 x 4-1/2 x 27-43/64”

Hardware

- 35 x S20 #8 x 1-3/8” Wood Screw

Step 48: Attach Nest Ladder
Part 1

A: Place Nest Ladder (built in Step 3) in the second level of the Clubhouse so that the top of the ladder is leaning flat against the (041) Nest Mid Joist. (Fig. 48.4)

B: Place 1 (121) Floorboard so that it's flush to (041) Nest Mid Joist. Floor Board is needed to gauge height for Nest Ladder, do not attach until Step 49. (Fig 48.3)

C: Check to ensure that the Nest Ladder is flush with the top of the (121) Floor Board. Pre-drill using a 1/8" drill bit and attach Nest Ladder using 1 (LS2) ¼ x 2-1/2" Lag Screw (with flat washer) per side. (Fig. 48.1 & 48.2)

Fig. 48.1

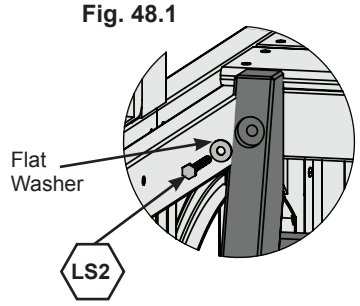


Fig. 48.2

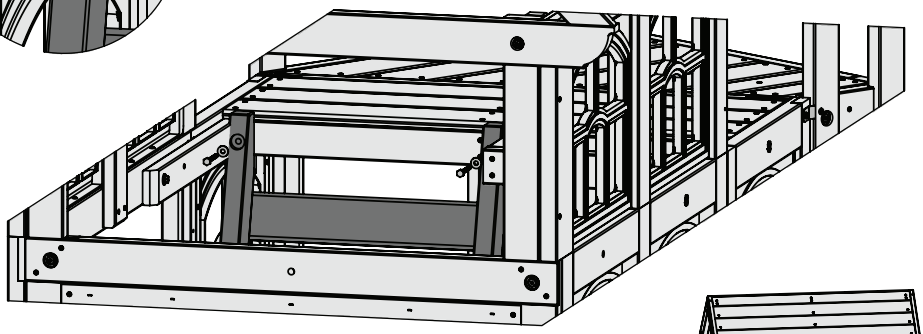


Fig. 48.3

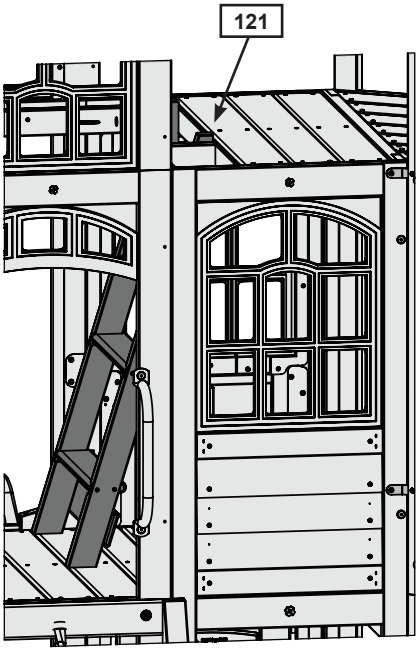
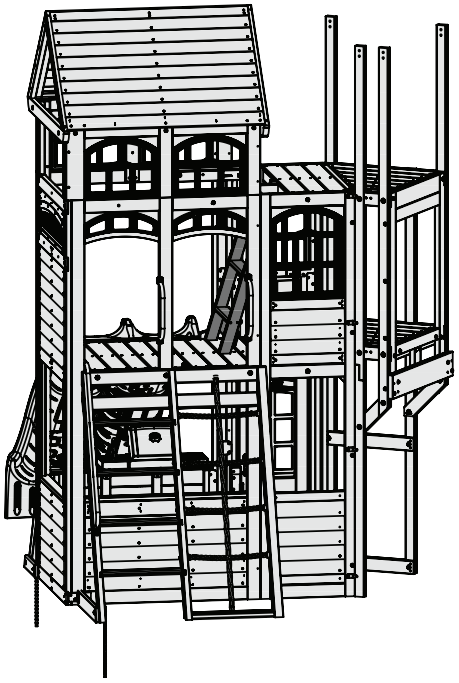


Fig. 48.4



Hardware

2 x LS2 Lag Screw 1/4 x 2-1/2"(with 1/4" flat washer)

Step 48: Attach Nest Ladder Part 2

D: Measure to ensure that there is a minimum of 1-1/8” between (082) Front Wall Panel and (031) Nest Left Access. Center 1 Corner Bracket on the bottom inside edge of (032) Nest Right Access making sure that the straight edge of the bracket is on the floor board. Attach using 3 (S0) #8 x 7/8” Truss Screws. (Fig. 48.5 & 48.6)

Fig. 48.5

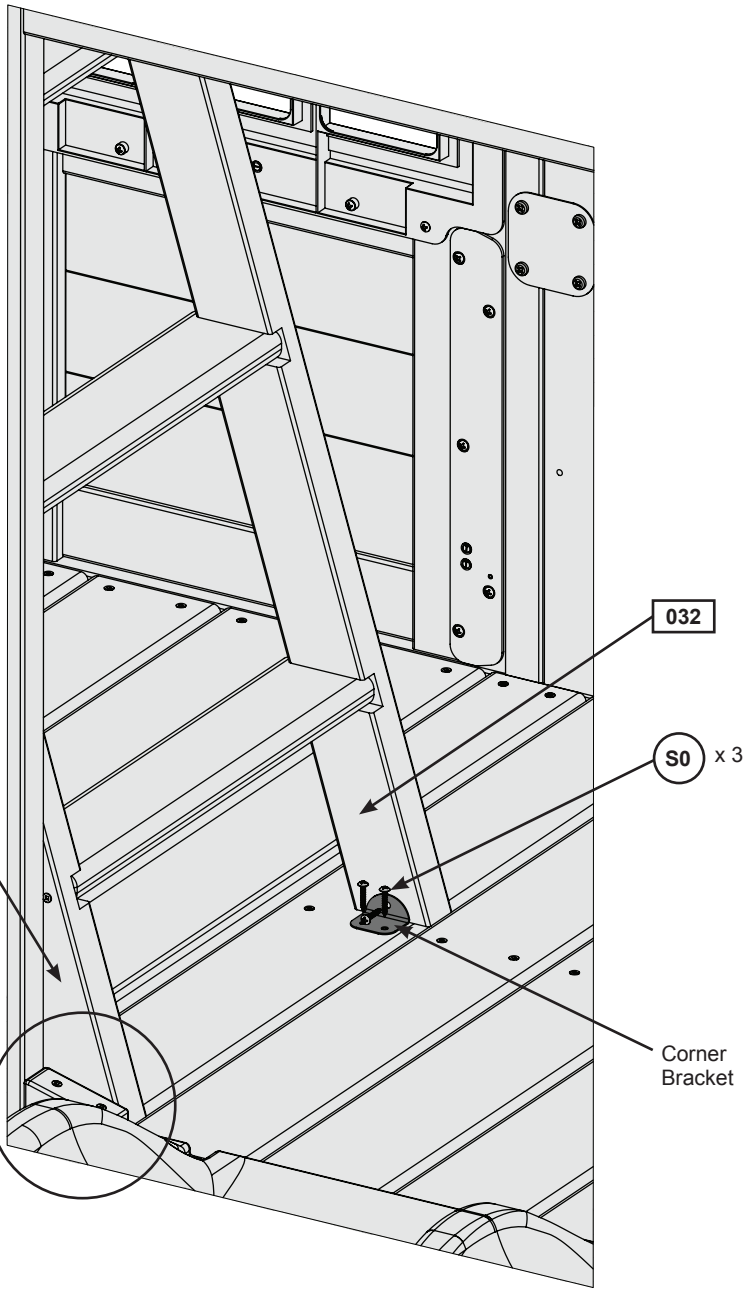
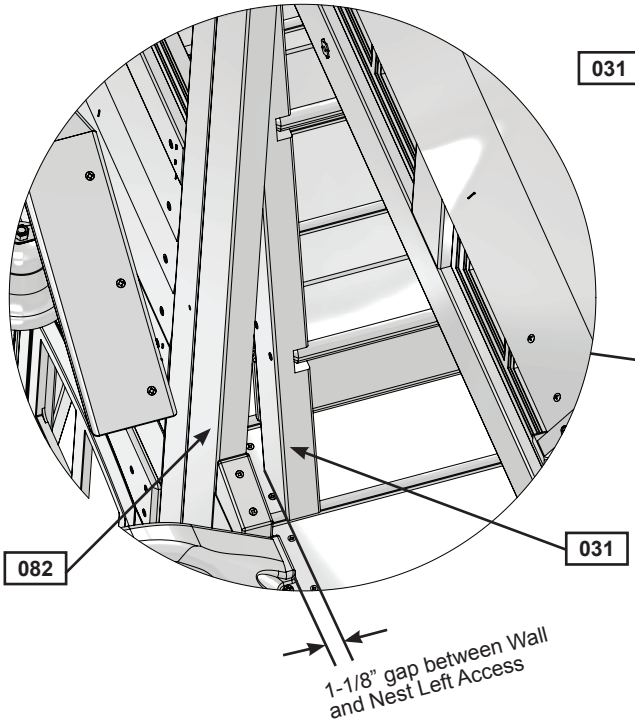


Fig. 48.6



Hardware

3 x (S0) #8 x 7/8” Truss Screw

Other Parts

1 x Corner Bracket

Step 49: Install Nest Long Floor Boards

A: Place 3 (121) Floor Boards between the Nest Ladder and the (071) Nest End Panel and attach using 6 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 49.1 & 49.2)

Fig. 49.1

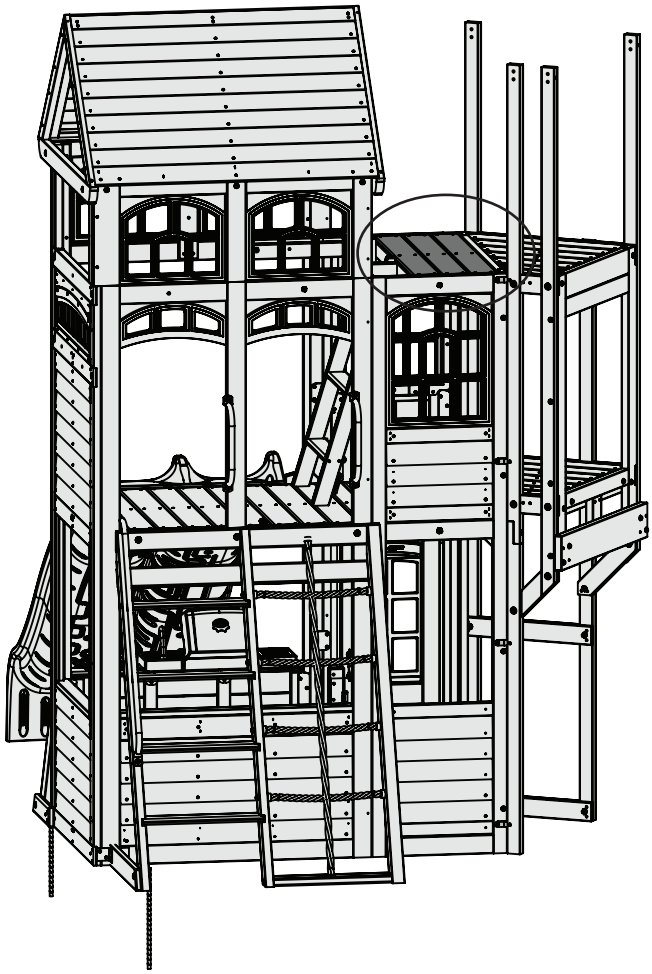
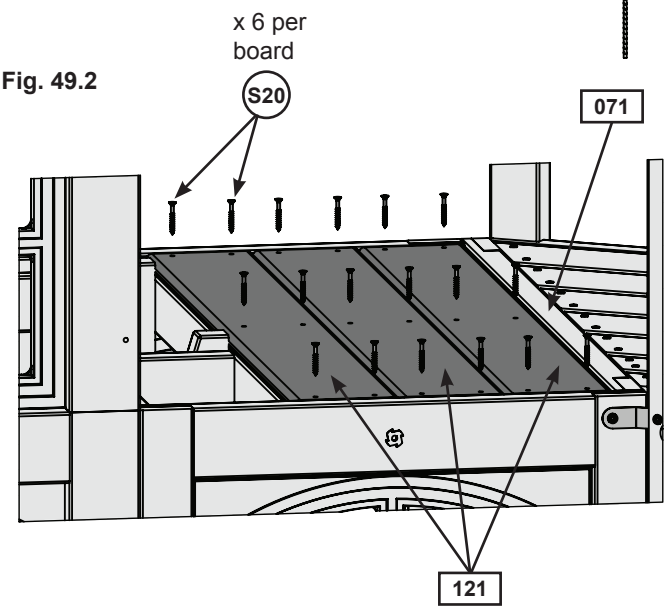


Fig. 49.2



Wood Parts

3 x [121] Floor Board 5/8 x 4-1/2 x 35-5/8"

Hardware

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

Step 50: Attach Roof Gable Support

A: Place (501) Roof Gable Support across the underside of the (251) Roof Supports as shown in fig. 50.1. Check to ensure that the (501) Roof Gable Support is level and attach from underneath using 1 (S3) #8 x 2-1/2" Wood Screw per side.(Fig. 50.1 & 50.2)

Fig. 50.1

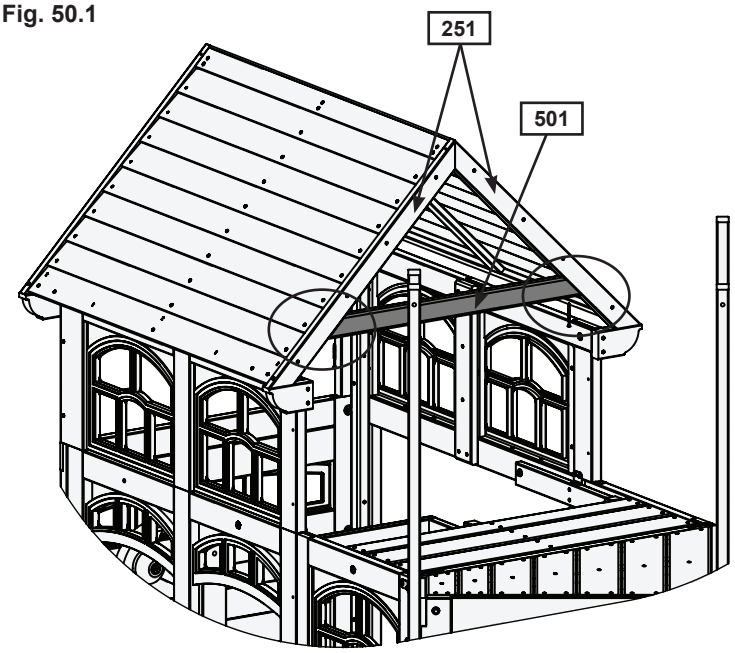
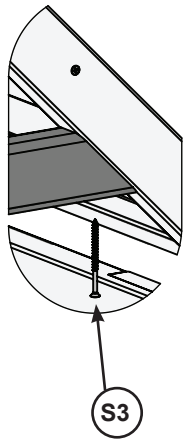


Fig. 50.2



Wood Parts

1 x [501] Roof Gable Support 1-1/4 x 2-1/4 x 31-7/8"

Hardware

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

Step 51: Install Nest Walls

A: On each side of the Upper Nest place 1 (511) Wall Post so that the notch fits underneath the Swing Top Smalls. Making sure that they are flush with the edges, attach using 2 (S3) #8 x 2-1/2” Wood Screws per side. (Fig. 51.1 & 51.2)

Fig. 51.1

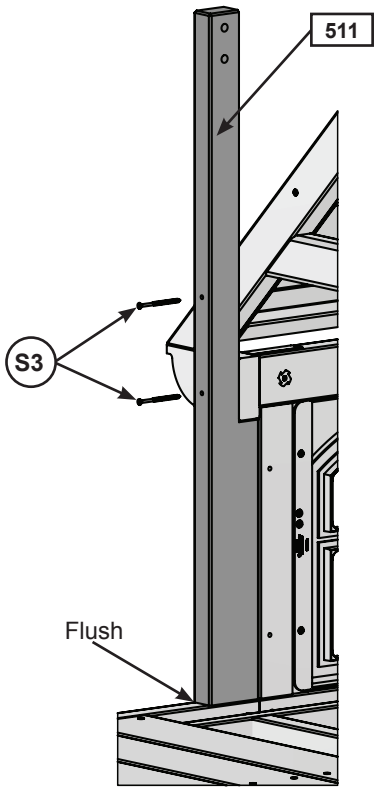
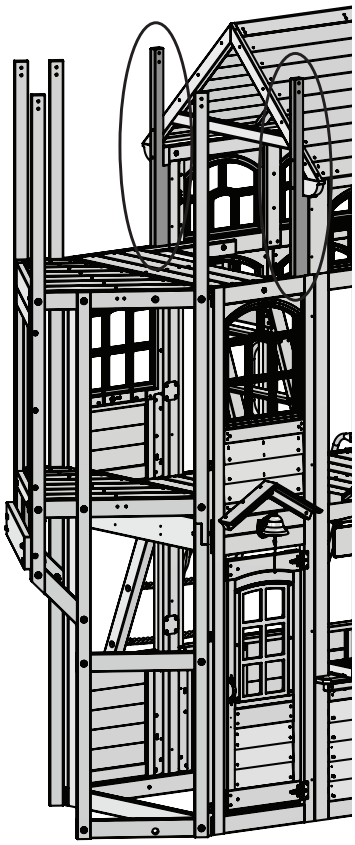


Fig. 51.2



Wood Parts

2 x [511] Wall Post 1-1/4 x 2-3/8 x 13-11/16”

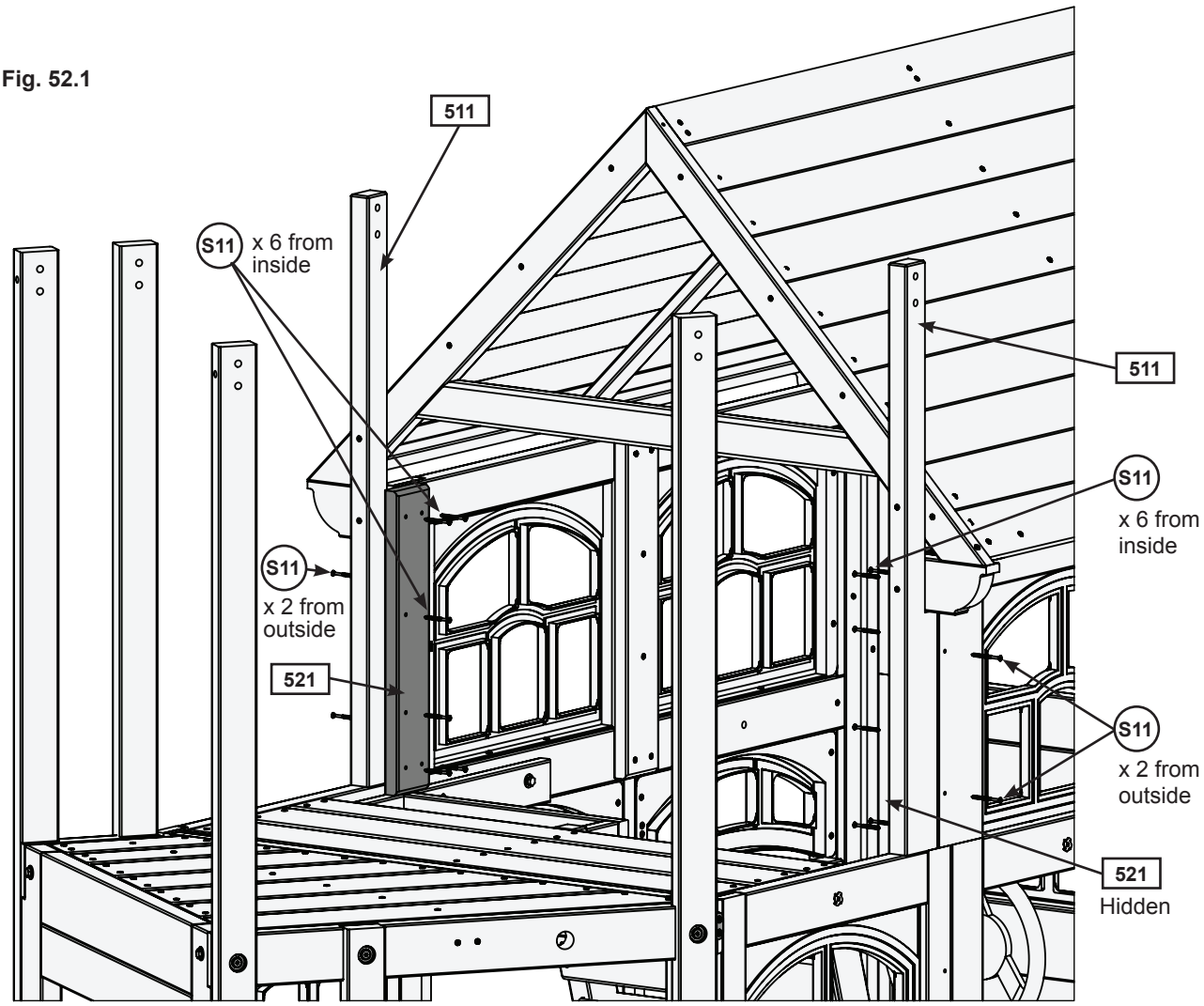
Hardware

4 x (S3) #8 x 2-1/2” Pan Screw

Step 52: Install Short Wall Ties

A: On the inside of each (511) Wall Post place 1 (521) Short Wall Tie so that its centered over the (511) Wall Post and the (272) Right Upright. Attach each board from the inside using 6 (S11) #8 x 2” Wood Screws and from the outside using 2 (S11) #8 x 2” Wood Screws as shown in fig. 52.1.

Fig. 52.1



Wood Parts

2 x 521 Short Wall Tie 15/16 x 3 x 17-1/8”

Hardware

16 x S11 #8 x 2” Wood Screw

Step 53: Install Short Nest Rails

A: On the left end of the (044) Nest Side Joist remove the (S3) Wood Screws which were installed in Step 4. These screws are no longer needed.

B: Place 1 (531) Narrow Short Wall so that it's flush with the left edge of the (044) Nest Side Joist and to the top of (501) Roof Gable Support. Attach (531) Narrow Short Wall to (501) Roof Gable Support using 2 (S11) #8 x 2" Wood Screws. Attach the bottom of the (531) Narrow Short Wall to (044) Nest Side Joist using 2 (S4) #8 x 3" Wood Screws in place of the (S3) Wood Screws that were removed.

C: Evenly space 3 more (531) Narrow Short Walls making sure that they are flush and install each board using 4 (S11) #8 x 2" Wood Screws per board.

Fig. 53.1

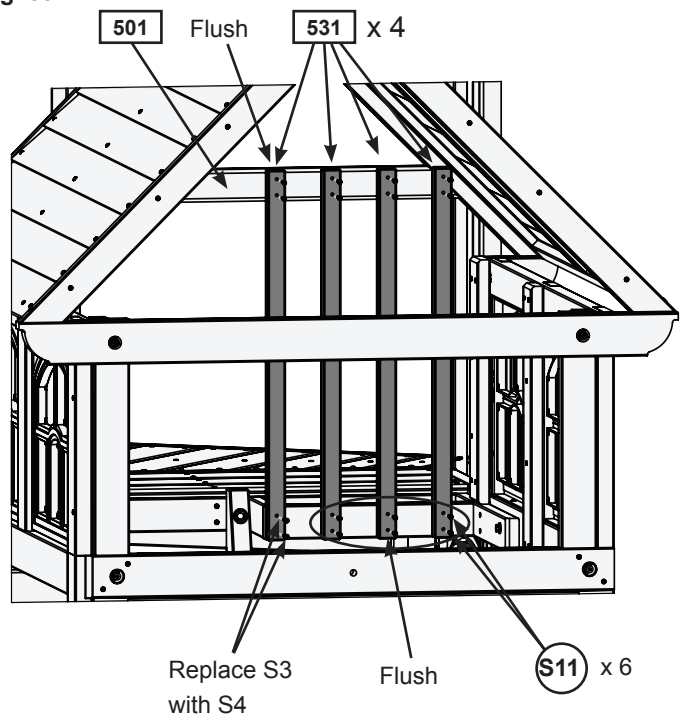


Fig. 53.2

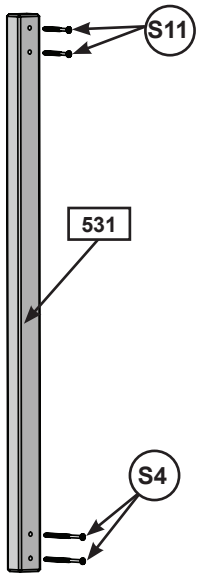
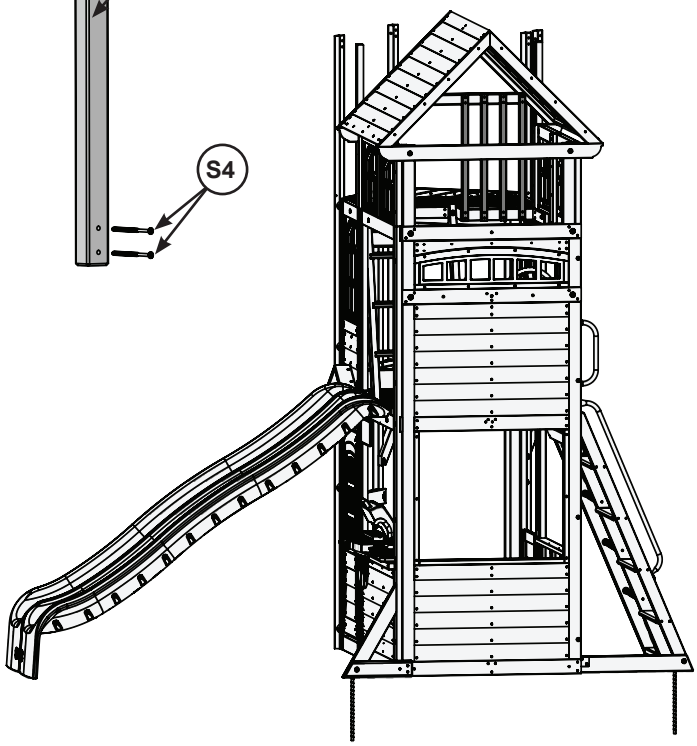


Fig. 53.3



Wood Parts

4 x [531] Narrow Short Wall 1 x 1-1/4 x 25-31/32"

Hardware

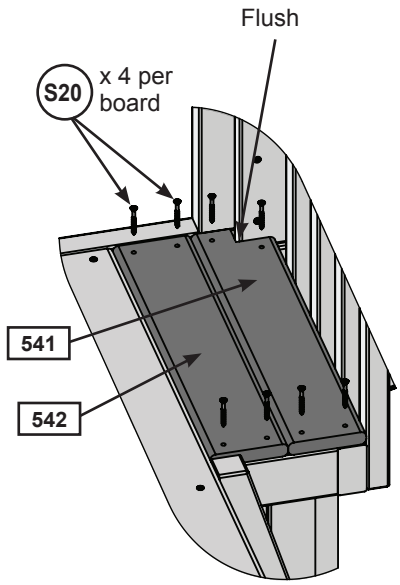
2 x (S4) #8 x 3" Wood Screw

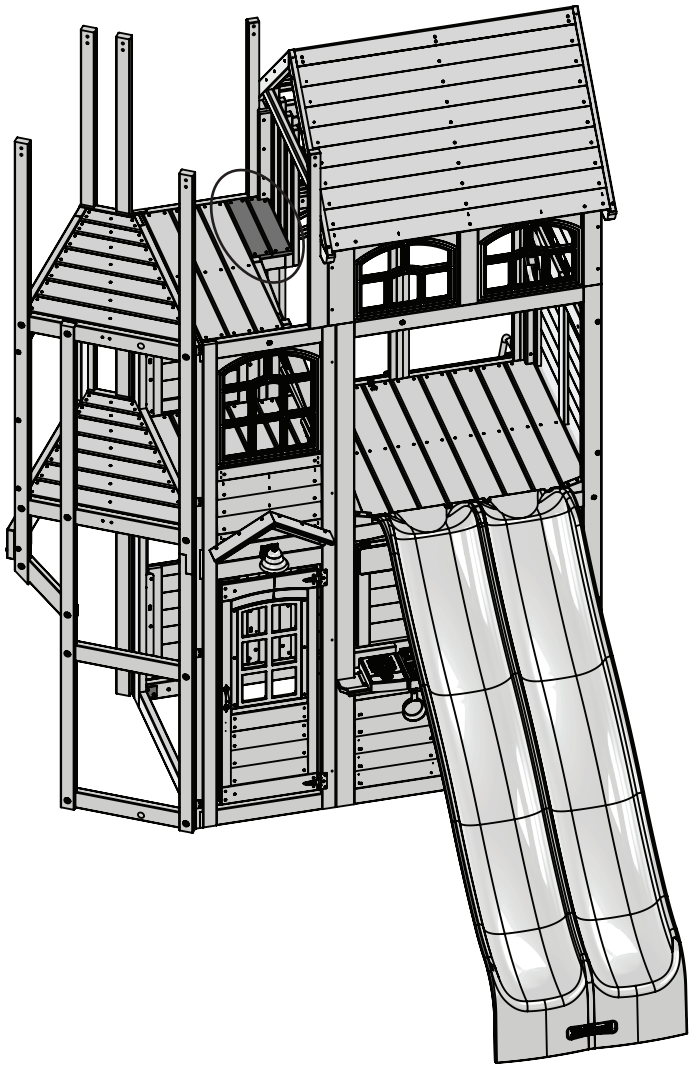
14 x (S11) #8 x 2" Wood Screw

Step 54: Attach Nest Short Floor Boards

A: Flush to the rails and the side of the joist install 1 (541) Short Floor Gap taking care to position it correctly. Attach using 4 (S20) #8 x 1-3/8” Wood Screws.

B: In the remaining opening center 1 (542) Short Floor and attach using 4 (S20) #8 x 1-3/8” Wood Screws.





Wood Parts

1 x 541 Short Floor Gap 5/8 x 3-3/8 x 15-11/16”

1 x 542 Short Floor 5/8 x 3-3/8 x 15-11/16”

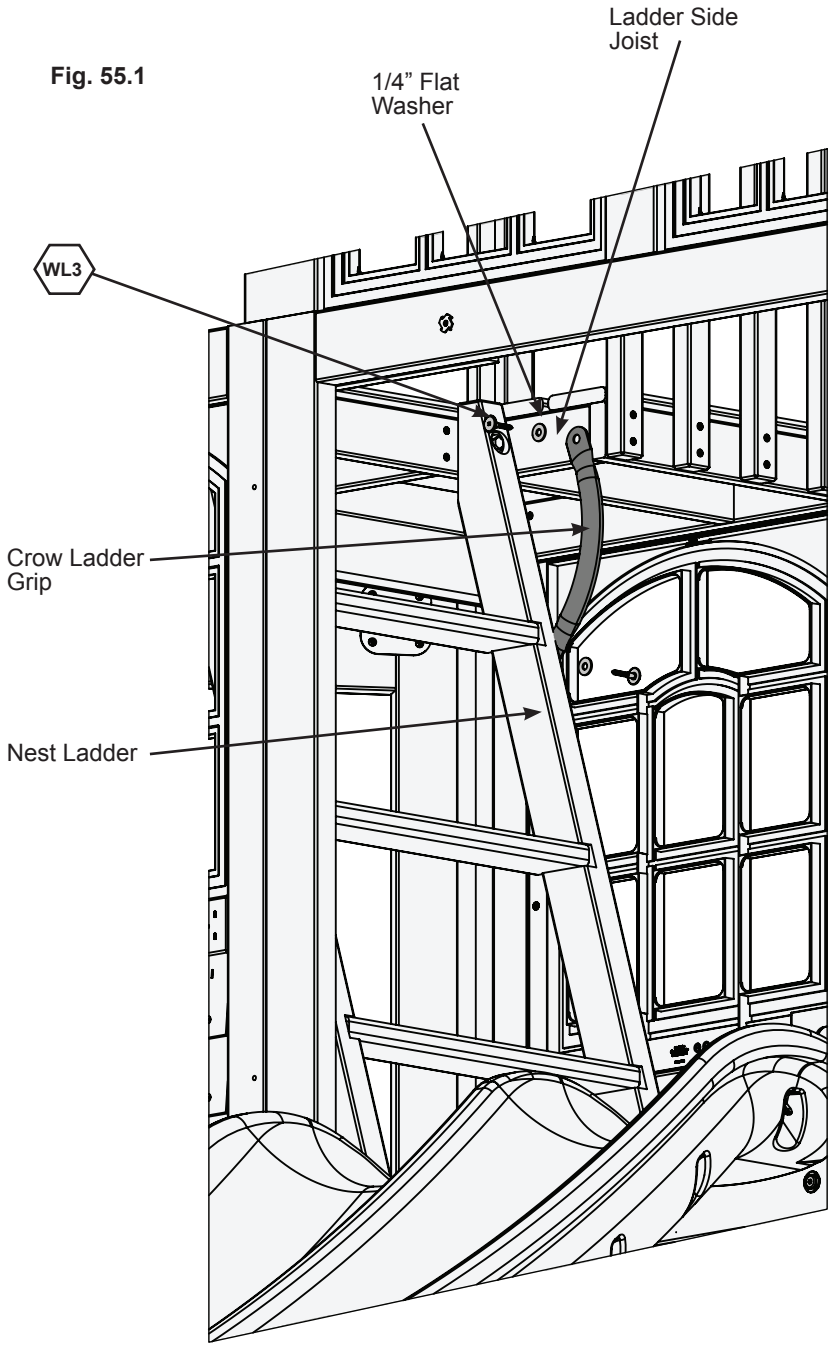
Hardware

8 x S20 #8 x 1-3/8” Wood Screw

Step 55: Attach Crow Ladder Grip

A: Position Crow Ladder Grip with one end on the outside of the Nest Ladder and the opposite end on the outside of the (045) 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. 55.1)

Fig. 55.1



Hardware

2 x WL3 1/4 x 1-3/8” Wafer Lag (1/4” flat washer)

Other Parts

1 x Crow Ladder Grip

Step 56: Install Narrow Board

A: In the middle opening on the Narrow Wall center 1 (561) Narrow Wall B making sure that it's flush with the bottom. Attach in the locations shown using 6 (S20) #8 x 1-3/8" Wood Screws. (Fig. 56.1 & 56.2)

Fig. 56.1

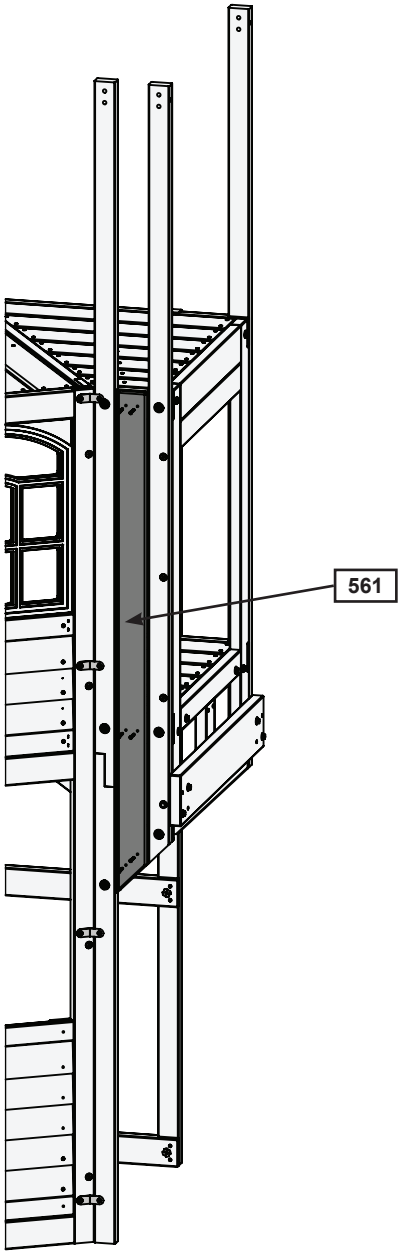
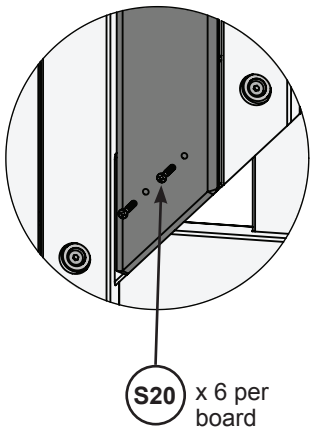


Fig. 56.2



Wood Parts

1 x 561 Narrow Wall B 5/8 x 3-1/4 x 54-11/64"

Hardware

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

Step 57: Assemble Rock Wall Part 1

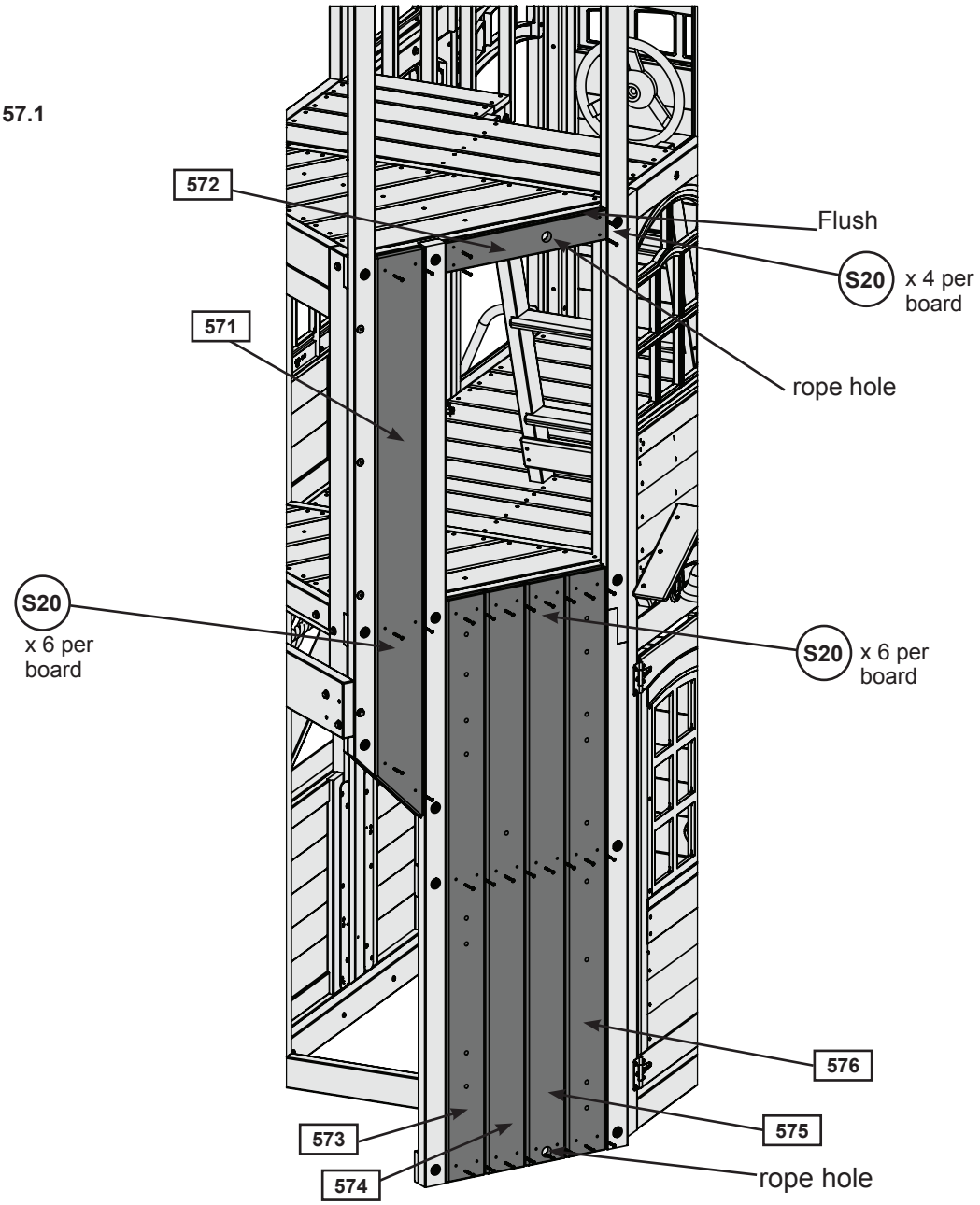
It is important to note hole orientation for the following steps.

A: In the upper left hand opening of the Rock Wall, center 1 (571) Rock Wall B making sure that it's flush to the bottom. Install board with 6 (S20) #8 x 1-3/8" Wood Screws.

B: Place (572) Rope Support across the top of the upper opening with the rope hole to the right. Rope Support should be flush with the upper nest floorboards. Attach using 4 (S20) #8 x 1-3/8" Wood Screws.

C: Taking care to note the hole orientations, place (573,574,575,576)Rock Wall D, E, F and G from left to right so they are evenly spaced in the bottom opening. **It is important to ensure that the rope hole in (575) Rock Wall F is at the bottom**. Attach each board using 6 (S20) #8 x 1-3/8" Wood Screws.

Fig. 57.1



Wood Parts

- 1 x 571 Rock Wall B 5/8 x 5-1/4 x 56-1/16"
- 1 x 572 Rope Support 5/8 x 3 x 17-3/16"
- 1 x 573 Rock Wall D 5/8 x 4-1/4 x 57"
- 1 x 574 Rock Wall E 5/8 x 4-1/4 x 57"
- 1 x 575 Rock Wall F 5/8 x 4-1/4 x 57"
- 1 x 576 Rock Wall G 5/8 x 4-1/4 x 57"

Hardware

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

Step 57: Assemble Rock Wall Part 2

Note: Climbing Crater Rocks do not get installed until next step.

D: Referring to (fig.57.3) for correct placement, attach Pinch Rock and the Pocket Rocks using 2 (PB2) ¼ x 1-1/4" Pan Bolts (with lock washer, flat washer and barrel nut) per rock.

E: Attach each Rock B using 1 (PB2) ¼ x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) in the upper hole and 1 (S10) #8 x 1" Pan Screw in the bottom hole.

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

Fig. 57.2

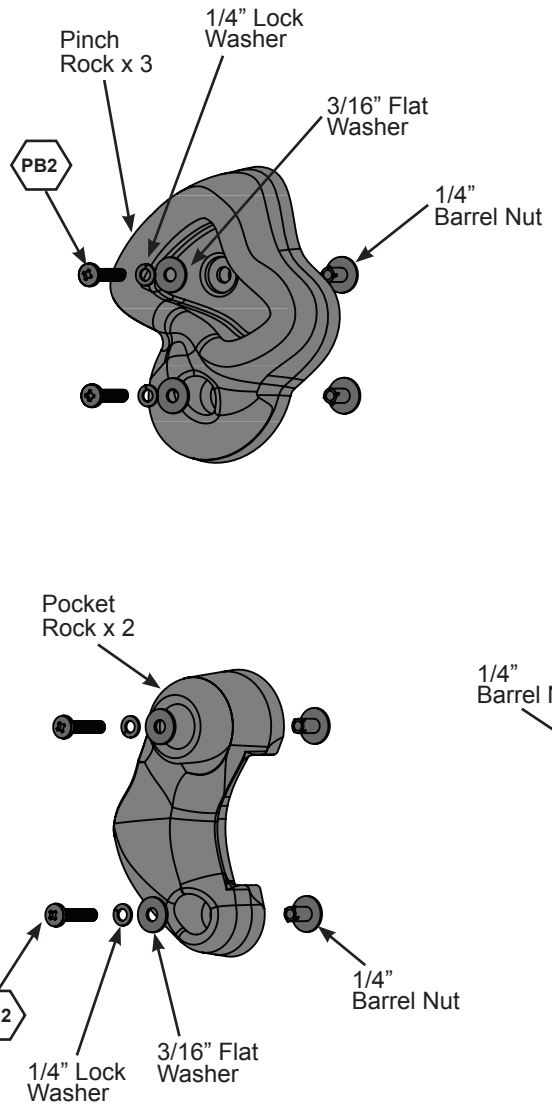
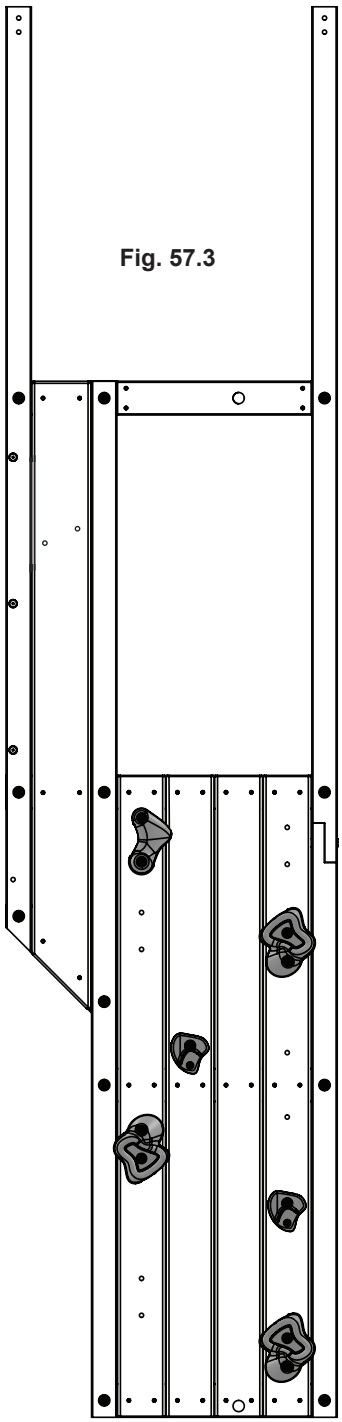


Fig. 57.3



Hardware

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

2 x (S10) #8 x 1" Pan Screw

Other Parts

3 x Pocket Rock
1 x Pinch Rock
2 x Rock B

Step 57: Assemble Rock Wall Part 3

It is important to note hole orientation for the following steps.

F: Loosely attach each Climbing Crater Rock with 1 (PB2) ¼ x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) per rock. Maneuver each rock so that the second hole lines up with the pre-drilled hole in the board. Insert Pan Bolt into the second hole as a pin holding Climbing Crater Rock in place and mark the location for the 3rd hole.

G: Remove Pan Bolt from second hole and swing Climbing Crater Rock out of the way. Drill a 3rd hole in the marked location using a 3/8" Drill bit.

H: Install remaining 2 (PB2) ¼ x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) in each rock and tighten all bolts.

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

Fig. 57.4

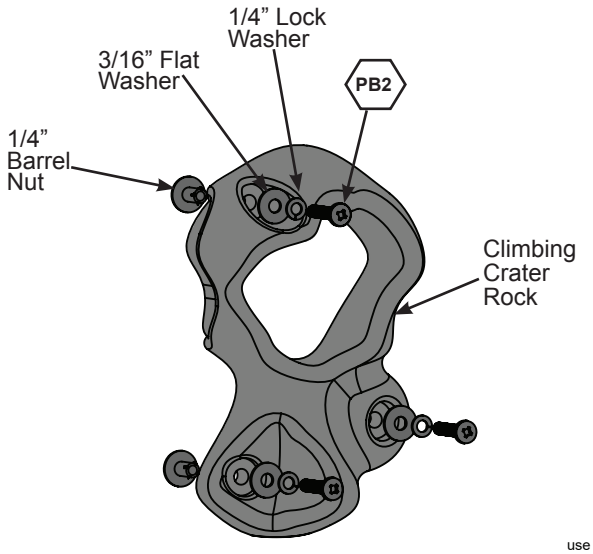
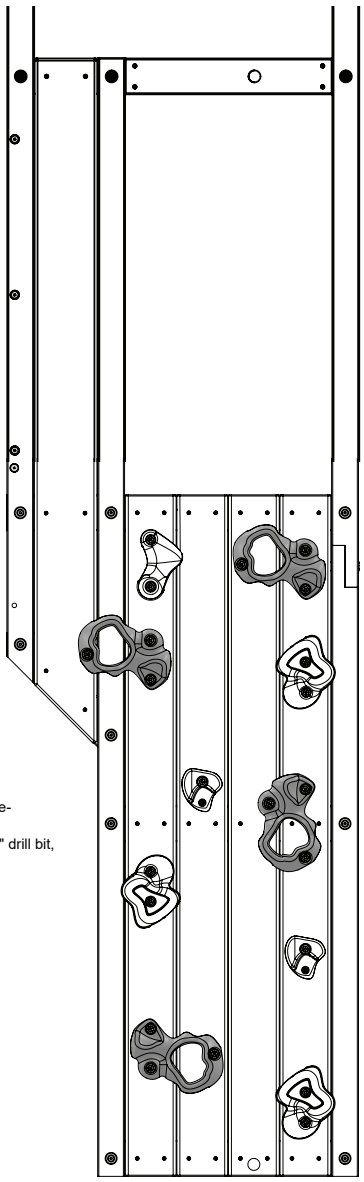


Fig. 57.5



use bolts as a guide in two pre-drilled holes, mark 3rd hole, remove rock and drill with 3/8" drill bit, attach with all three bolts

Hardware

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

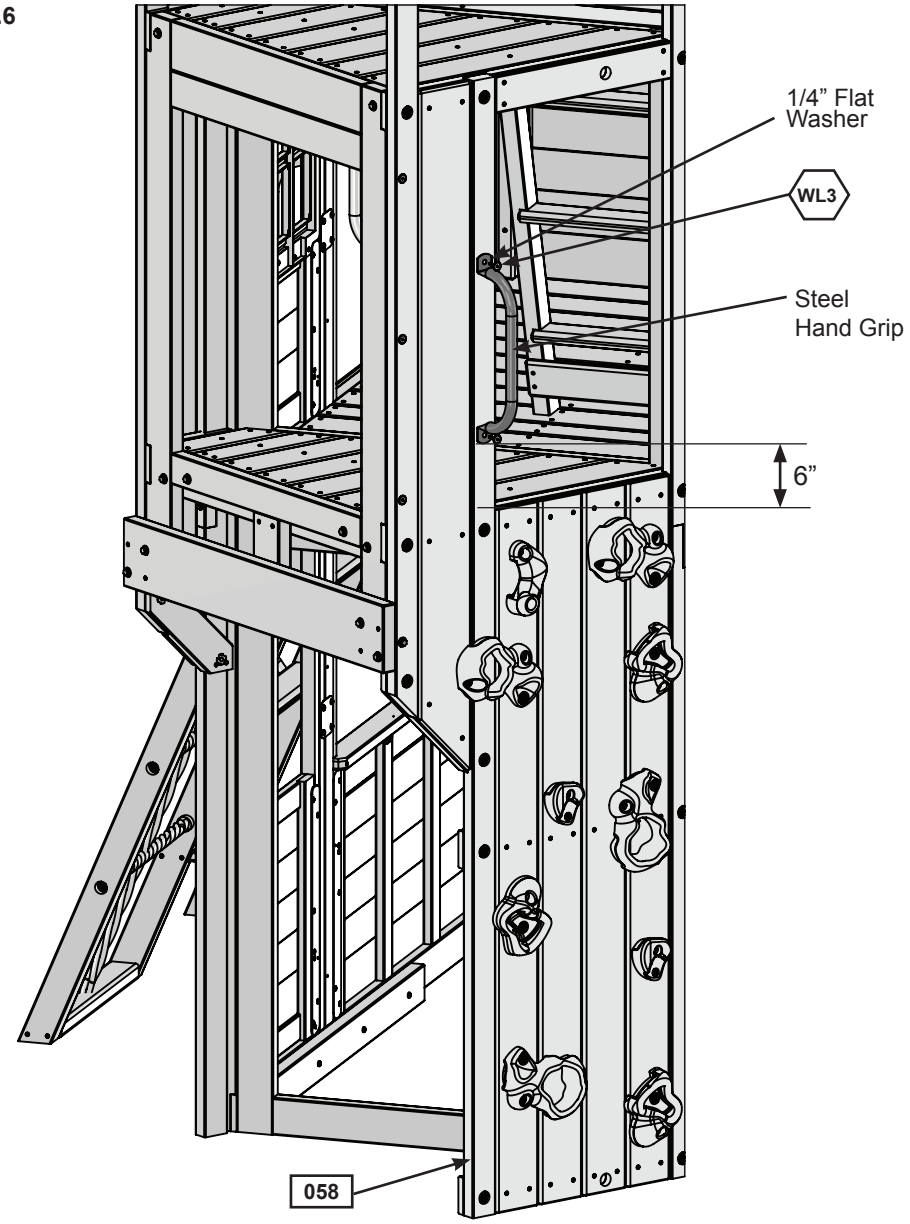
Other Parts

4 x Climbing Crater Rock

Step 57: Assemble Rock Wall Part 4

I: On (058) Rock Wall C, measure 6” up from the floorboards and center 1 Steel Hand Grip. Mark the hole locations and pre-drill with a 1/8” drill bit making sure holes are centered. Attach Steel Hand Grip using 2 (WL3) 1/4 x 1-3/8” Wafer Lags (with flat washer).

Fig. 57.6



Hardware

2 x WL3 1/4 x 1-3/8” Wafer Lag (1/4” flat washer)

Other Parts

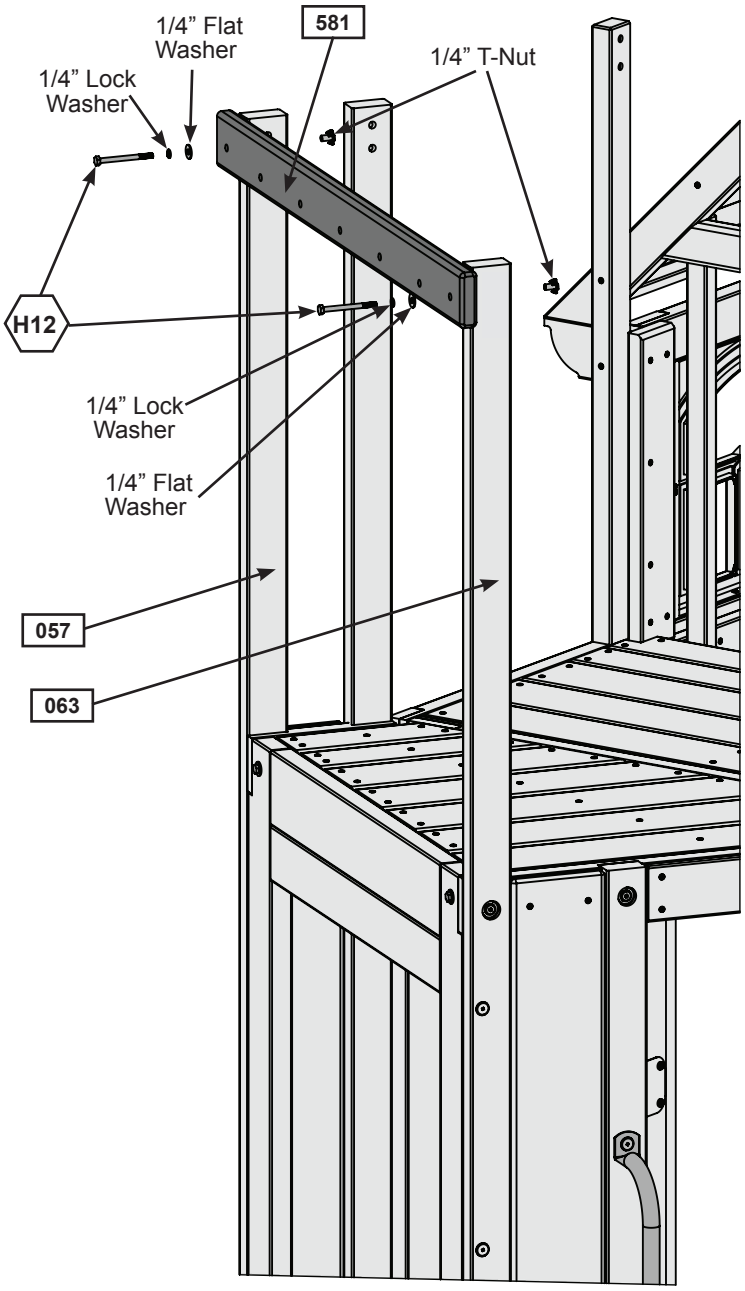
1 x Steel Hand Grip

Step 58: Install Top Barriers
Part 1

It is important to note hole orientations when installing Top Barriers.

A: Place (581) Barrier Top C across the top front of (057) Narrow Wall A and (063) Rock Wall A making sure that it's flush at the top and that the pre-drilled holes in the board are towards the bottom. Attach on each end using 1 (H12) ¼ x 3" Hex Bolt (with flat washer and t-nut) per side. (Fig. 58.1)

Fig. 58.1



Wood Parts

1 x 581 **Barrier Top C 15/16 x 3 x 35-1/4"**

Hardware

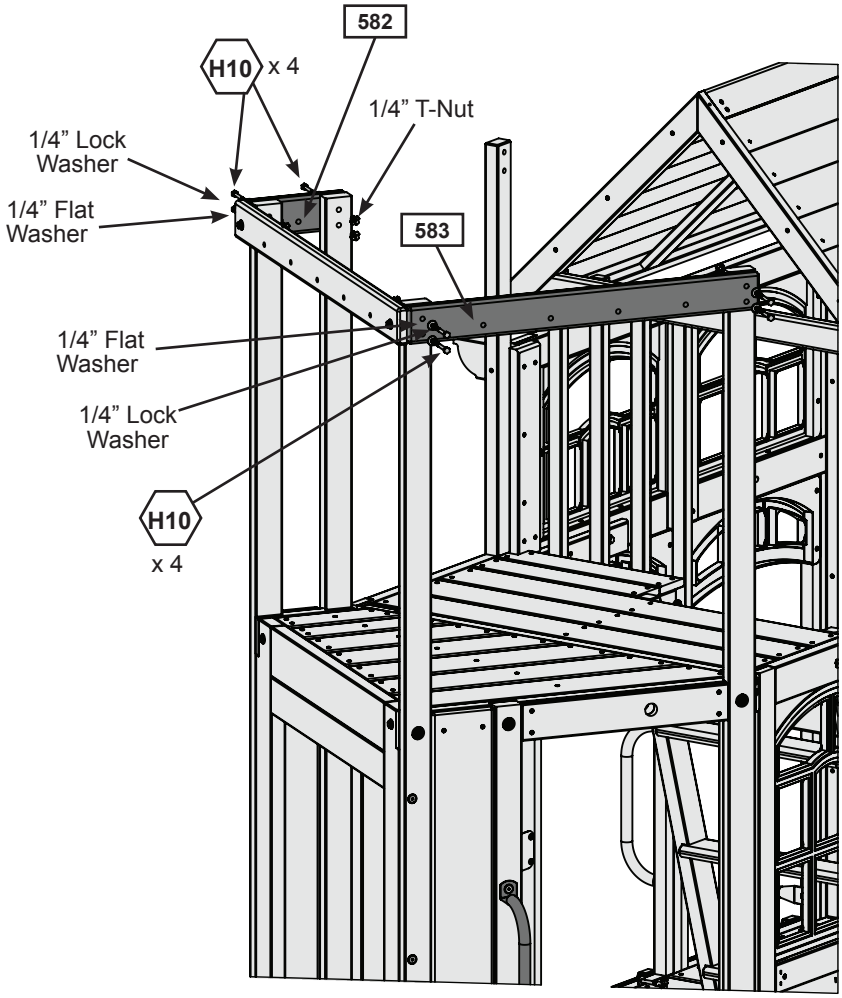
2 x H12 **1/4 x 3" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

Step 58: Install Top Barriers Part 2

B: Flush to the top of the Narrow Wall Frame attach (582) Barrier Top D from the outside using 4 (H10) ¼ x 2-1/4" Hex Bolts (with flat washer and t-nut). (Fig. 58.2)

C: Flush to the top of the Rock Wall Frame attach (583) Barrier Top B from the outside using 4 (H10) ¼ x 2-1/4" Hex Bolts (with flat washer and t-nut). (Fig. 58.2)

Fig. 58.2



Wood Parts

1 x 582 Barrier Top D 15/16 x 3 x 8-3/64"
1 x 583 Barrier Top B 15/16 x 3 x 29-13/32"

Hardware

8 x H10 ¼ x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 58: Install Top Barriers
Part 3

D: Place (584) Barrier Top E across the top of the opening from (582) Barrier Top D to the (511) Wall Post. Attach to the (511) Wall Post using 2 (H10) ¼ x 2-1/4" Hex Bolts (with flat washer and t-nut) and to (582) Barrier Top D using 2 (S11) #8 x 2" Wood Screws, making sure that screws are installed on an angle as shown in (fig.58.4 & 58.5).

E: Place (585) Barrier Top A across the top opening from the Rock Wall Frame to the (511) Wall Post. Attach to the (511) Wall Post using 2 (H10) ¼ x 2-1/4" Hex Bolts (with flat washer and t-nut) and attach to the (051) Rock Wall H using 2 (S11) #8 x 2" Wood Screws, making sure that screws are installed on an angle. (Fig. 58.6 & 58.5)

Fig. 58.4

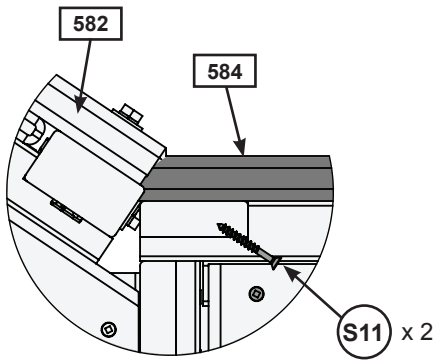


Fig. 58.5

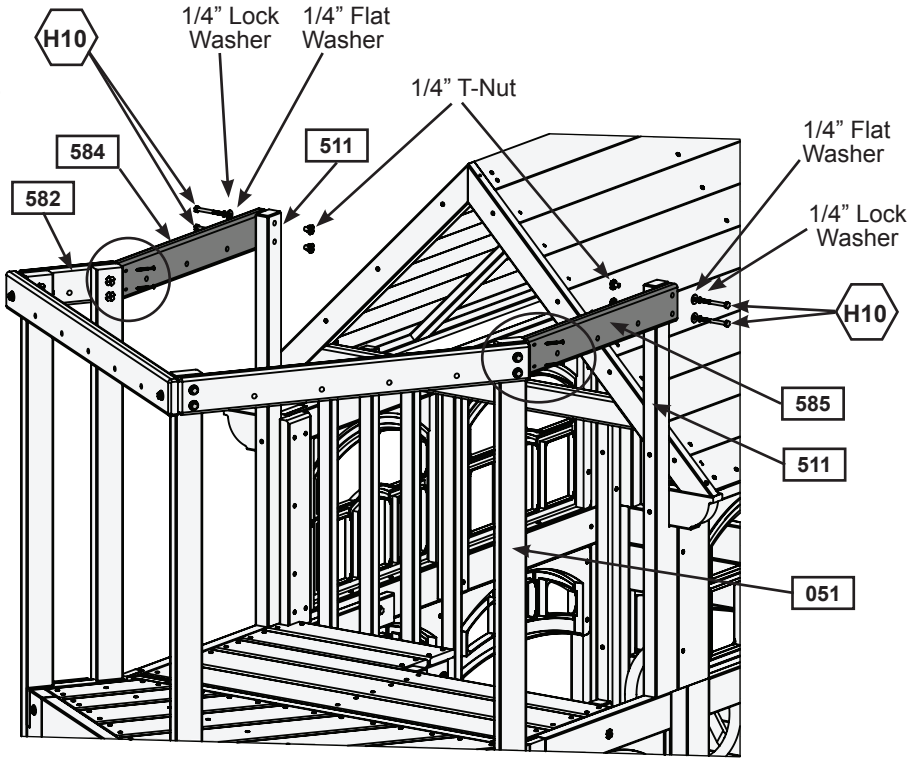
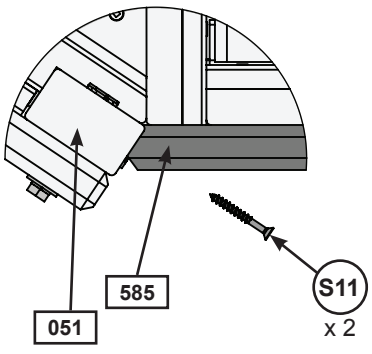


Fig. 58.6



Wood Parts

1 x 584 **Barrier Top E 15/16 x 3 x 20-15/32"**
1 x 585 **Barrier Top A 15/16 x 3 x 20-23/32"**

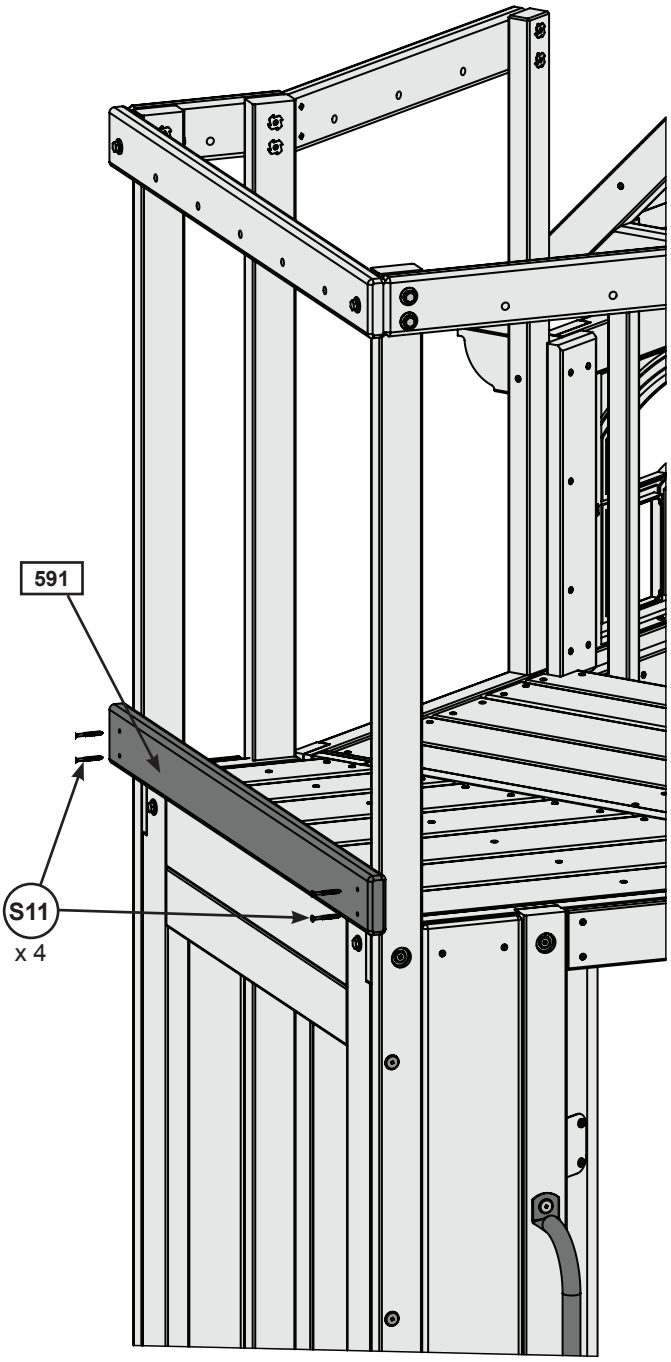
Hardware

4 x H10 **¼ x 2-1/4" Hex Bolts (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
4 x S11 **#8 x 2" Wood Screw**

Step 59: Install Bottom Barriers Part 1

A: Flush with the top of the (431) Upper SL Insert install 1 (591) Barrier Bottom C to the Rock Wall and Narrow Wall Frames using 2 (S11) #8 x 2” Wood Screws per side.

Fig. 59.1



Wood Parts

1 x 591 Barrier Bottom C 15/16 x 3 x 35-1/4”

Hardware

4 x S11 #8 x 2” Wood Screw

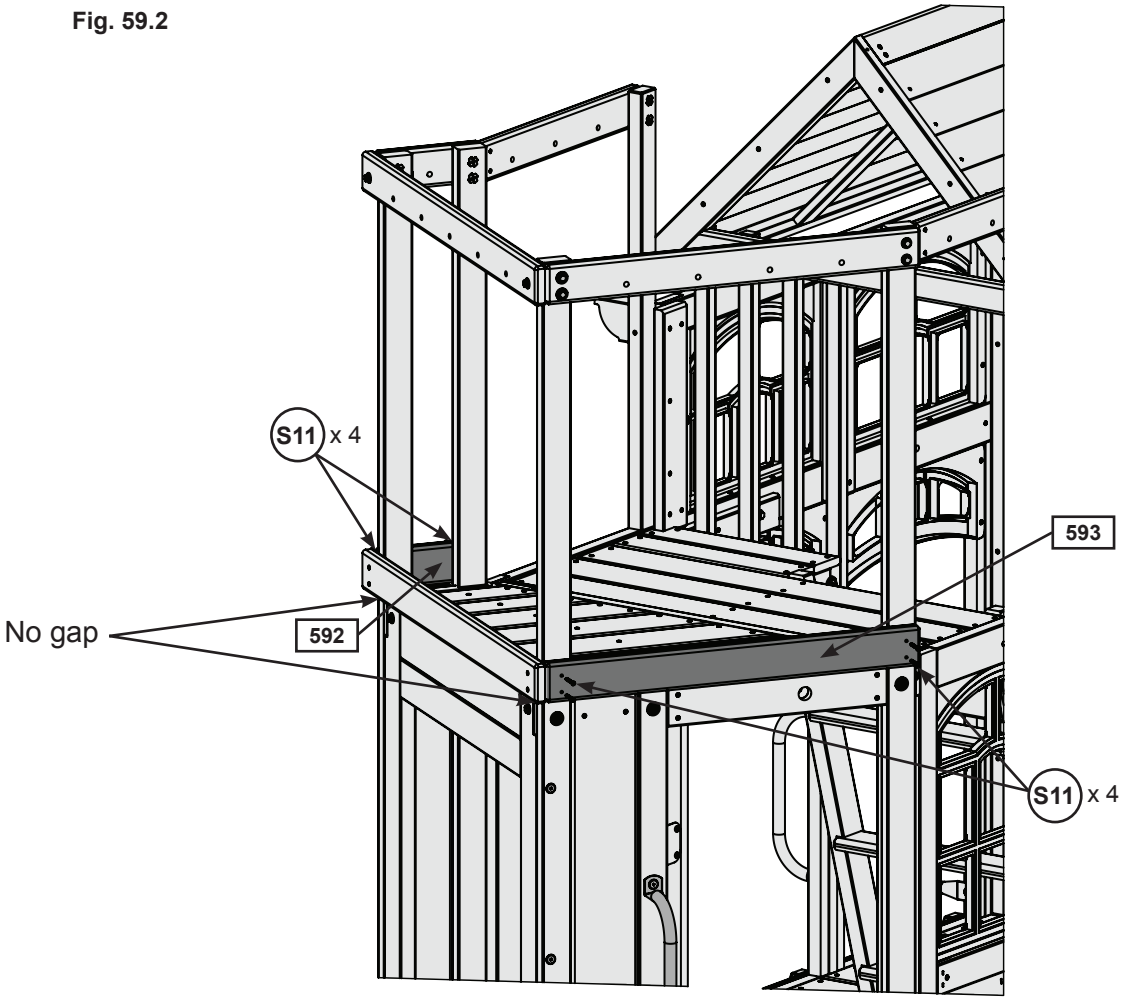
Step 59: Install Bottom Barriers Part 2

Note: It is important that all bottom barriers are installed flush to the lower frames leaving no gaps.

B: Across the lower opening in the Narrow Wall install (592) Barrier Bottom D using 2 (S11) #8 x 2” Wood Screws per side. (fig.59.2.)

C: Install (593) Barrier Bottom B across the lower opening in the Rock Wall using 2 (S11) #8 x 2” Wood Screws per side as shown in fig.59.2.

Fig. 59.2



Wood Parts

1 x 592 Barrier Bottom D 15/16 x 3 x 8-3/64”
1 x 593 Barrier Bottom B 15/16 x 3 x 29-13/32”

Hardware

8 x S11 #8 x 2” Wood Screw

Step 59: Install Bottom Barriers Part 3

Note: It is important that all bottom barriers are installed flush to the lower frames leaving no gaps.

D: Tight to (592) Barrier Bottom D, place (594) Barrier Bottom E across the opening on the Narrow Wall Panel side. Attach to the (511) Wall Post using 2 (S11) #8 x 2" Wood Screws and to (592) Barrier Bottom D using 2 (S11) #8 x 2" Wood Screws, making sure that these screws are installed on an angle as shown in fig.59.3 & 59.4.

E: Place (595) Barrier Bottom A across the opening on the Rock Wall side so that it's tight to the Rock Wall Frame. Attach to the (511) Wall Post using 2 (S11) #8 x 2" Wood Screws and to the (051) Rock Wall H using 2 (S11) #8 x 2" Wood Screws, making sure that these screws are installed on an angle as shown in fig.59.3 & 59.5.

Fig. 59.3

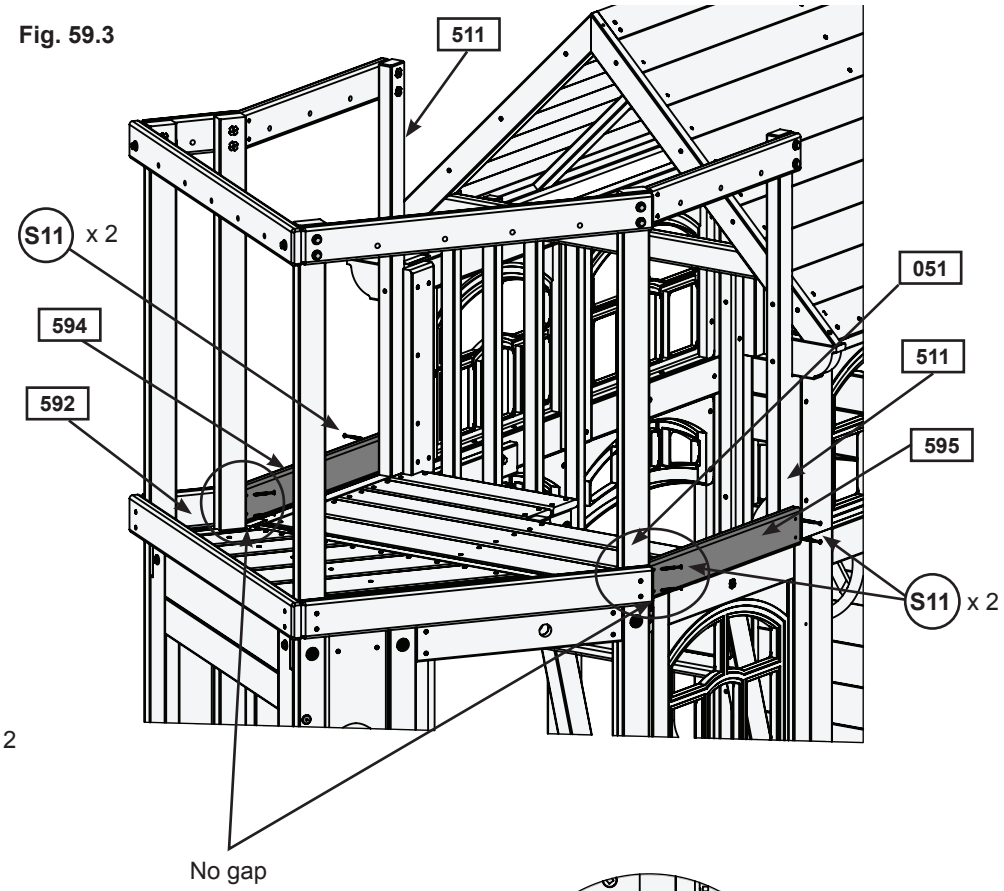


Fig. 59.4

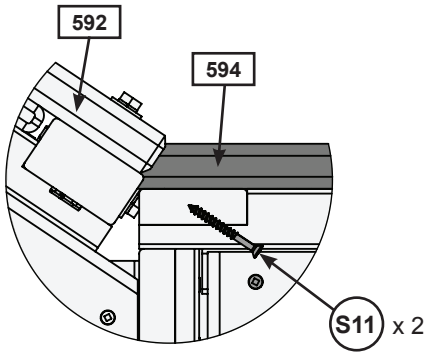
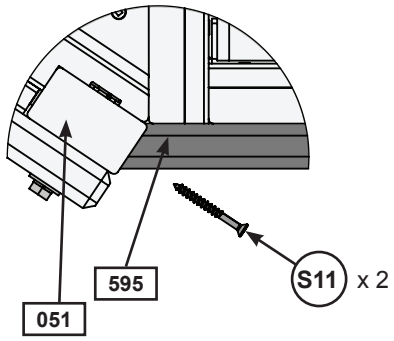


Fig. 59.5



Wood Parts

1 x 594 **Barrier Bottom E 15/16 x 3 x 21-1/4"**
1 x 595 **Barrier Bottom A 15/16 x 3 x 21-1/4"**

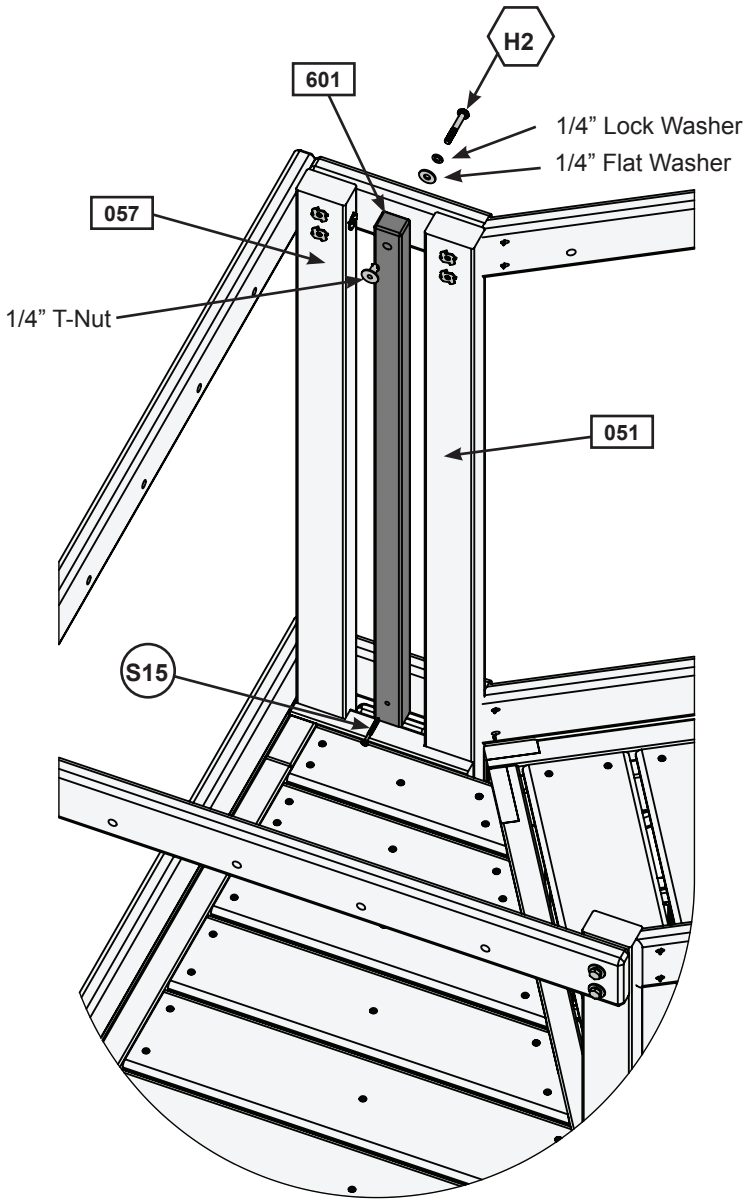
Hardware

8 x S11 **#8 x 2" Wood Screw**

Step 60: Install Narrow Rail

A: Center 1 (601) Narrow Wall Rail between (057) Narrow Wall A and (051) Rock Wall H. Attach the top of the Rail from the outside using 1 (H2) 1/4 x 2” Hex Bolt (with lock washer, flat washer and t-nut) and the bottom of the rail from the inside using 1 (S15) #8 x 1-3/4” Flat Head Screw. (Fig. 60.1)

Fig. 60.1



Wood Parts

1 x 601 **Narrow Wall Rail 1 x 1-1/4 x 32”**

Hardware

1 x S15 **#8 x 1-3/4” Flat Head Screw**

1 x H2 **1/4 x 2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**

Step 61: Attach Nest Walls

A: From the inside, place 15 (611) Nest Wall Rails around the 4 openings in the Upper Nest Walls as shown in fig. 61.2, taking care to ensure that the boards are evenly spaced. Attach each rail from the outside at the top using 1 (H1) 1/4 x 1-1/2" Pan Head Bolt (with lock washer, flat washer and t-nut). (Fig. 61.1 & 61.2)

B: Double check to ensure that all Nest Wall Rails are level and straight and attach the bottom of the boards from the inside using 2 (S20) #8 x 1-3/8" Wood Screws per board. (Fig. 61.1 & 61.2)

Fig. 61.1

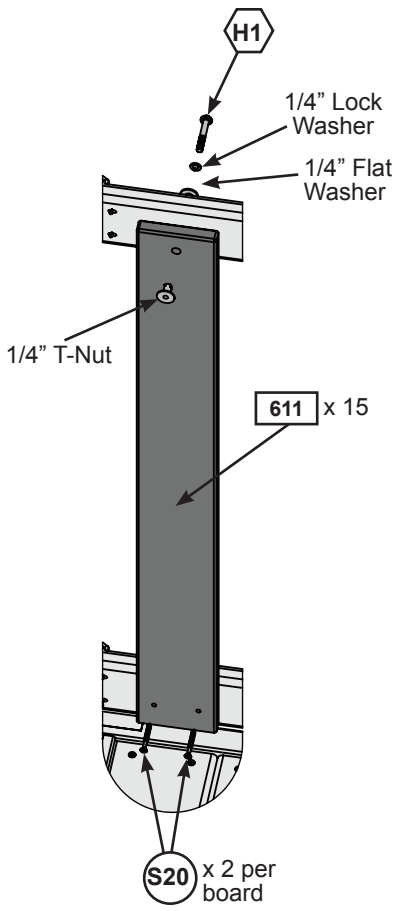
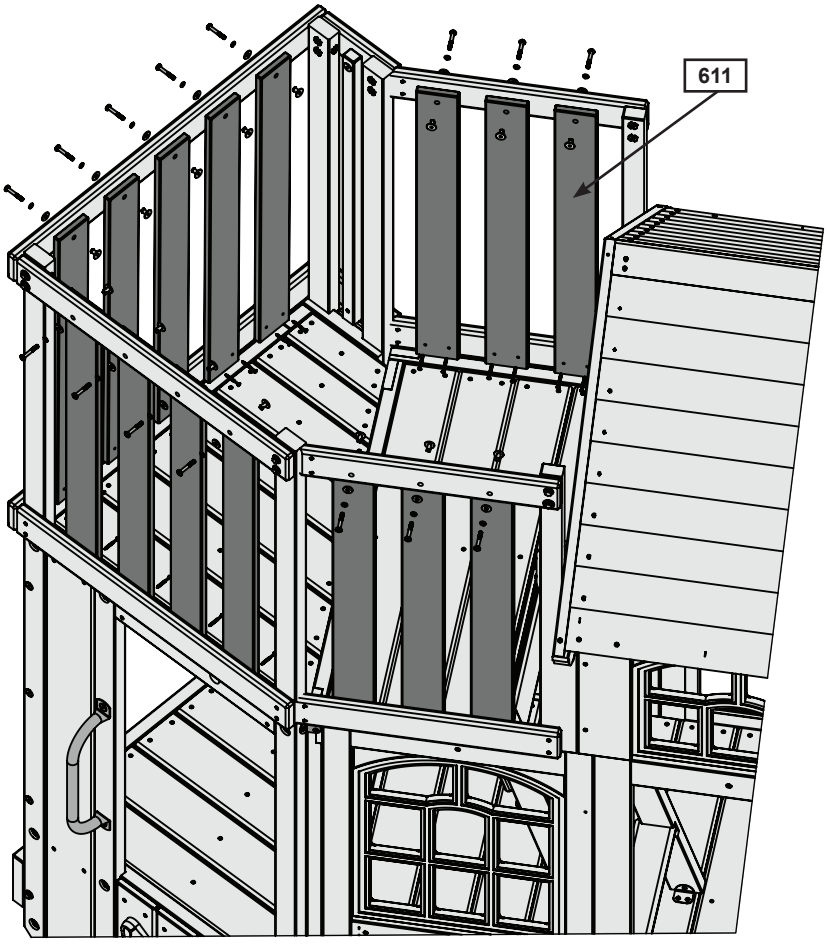


Fig. 61.2



Wood Parts

15 x 611 Nest Wall Rails 5/8 x 3-3/8 x 32"

Hardware

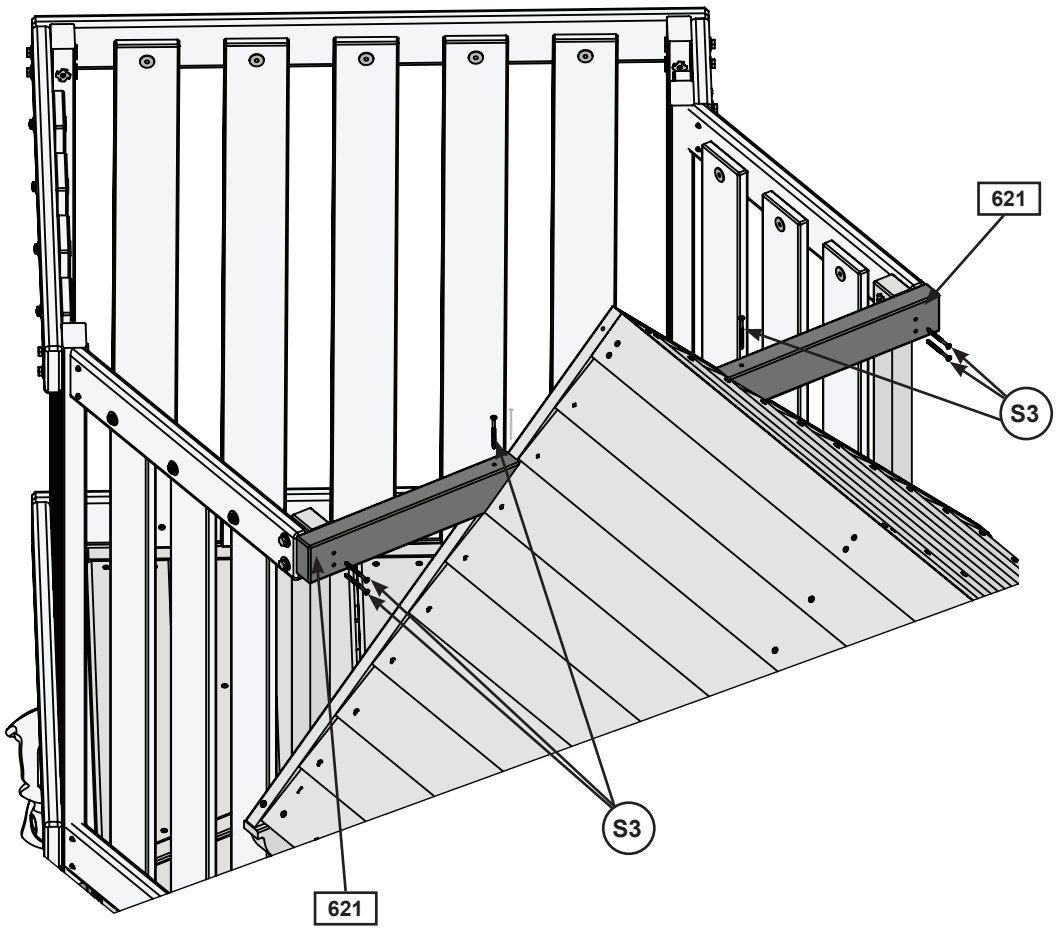
30 x S20 #8 x 1-3/8" Wood Screw

15 x H1 1/4 x 1-1/2" Pan Head Bolt
(with 1/4" flat washer, 1/4" lock washer and 1/4" t-nut)

Step 62: Install Roof Ties

A: On each side of the Upper Nest place 2 (621) Roof Ties from the Top Barriers to the Roof Panel. It is important to make sure that they are flush to the tops and edges of the Top Barriers. Install each Roof Tie using 3 (S3) #8 x 2-1/2" Wood Screws per side. (Fig. 62.1)

Fig. 62.1



Wood Parts

2 x [621] Roof Tie 1-1/4 x 2-3/8 x 13-13/32"

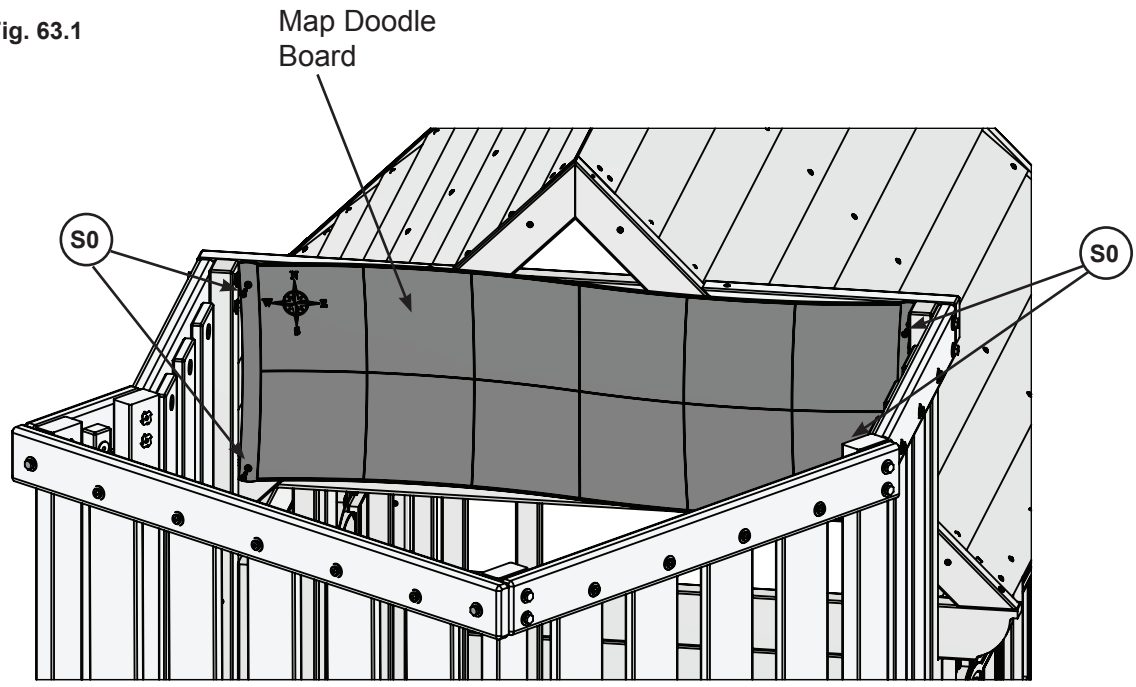
Hardware

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

Step 63: Install Map Doodle Board

A: In the Upper Nest, place Map Doodle Board in the location shown in fig.63.1 and attach using 4 (S0) #8 x 7/8" Truss Screws. (fig. 63.1)

Fig. 63.1

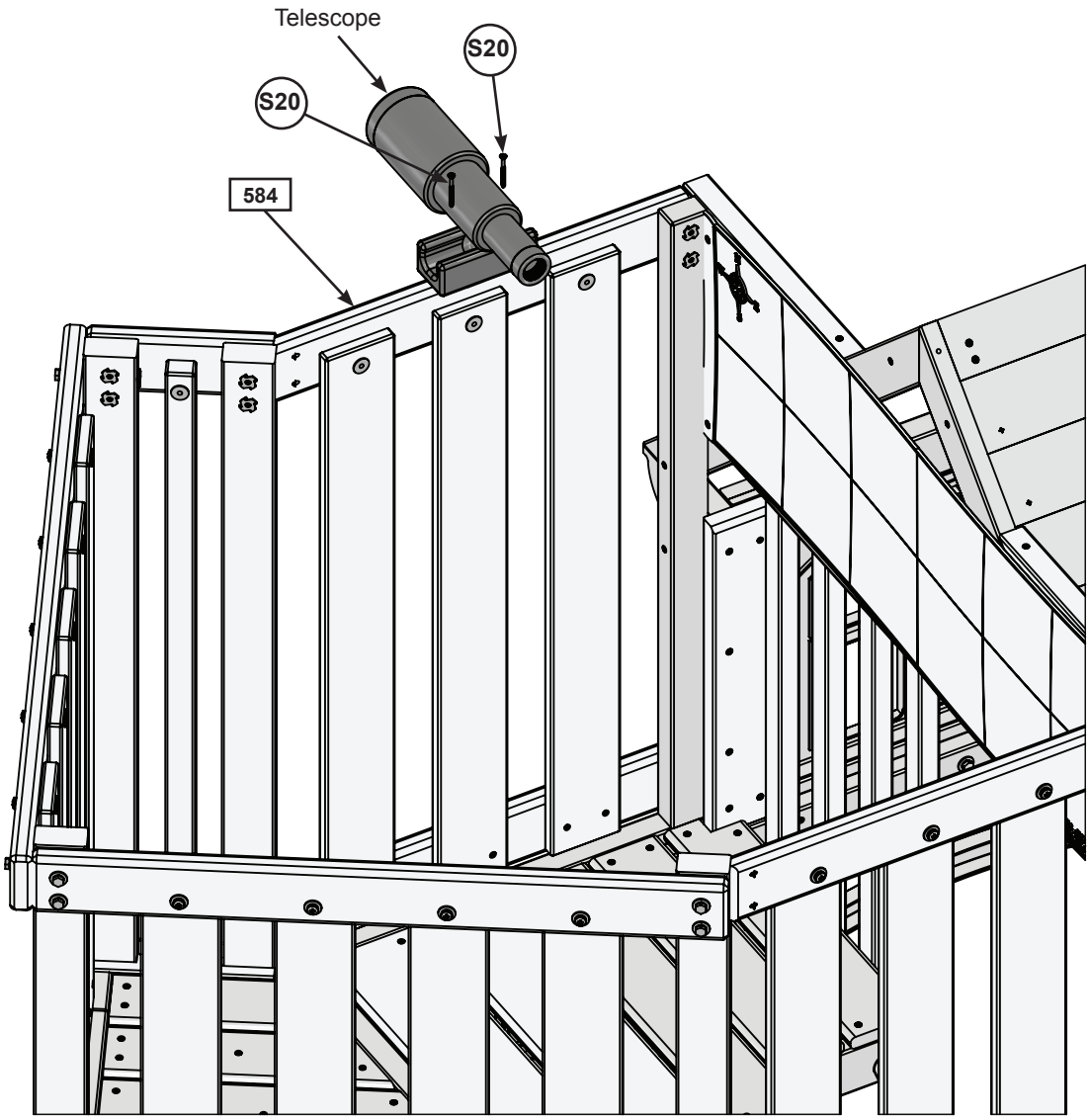


Hardware	Other Parts
4 x (S0) #8 x 7/8" Truss Screw	1 x Map Doodle Board

Step 64: Attach Telescope

A: In the Upper Nest, center the Telescope Base on (584) Barrier Top E and attach with 2 (S20) #8 x 1-3/8” Wood Screws. Slide Telescope into position. (Fig. 64.1)

Fig. 64.1



Hardware

2 x (S20) **#8 x 1-3/8” Wood Screw**

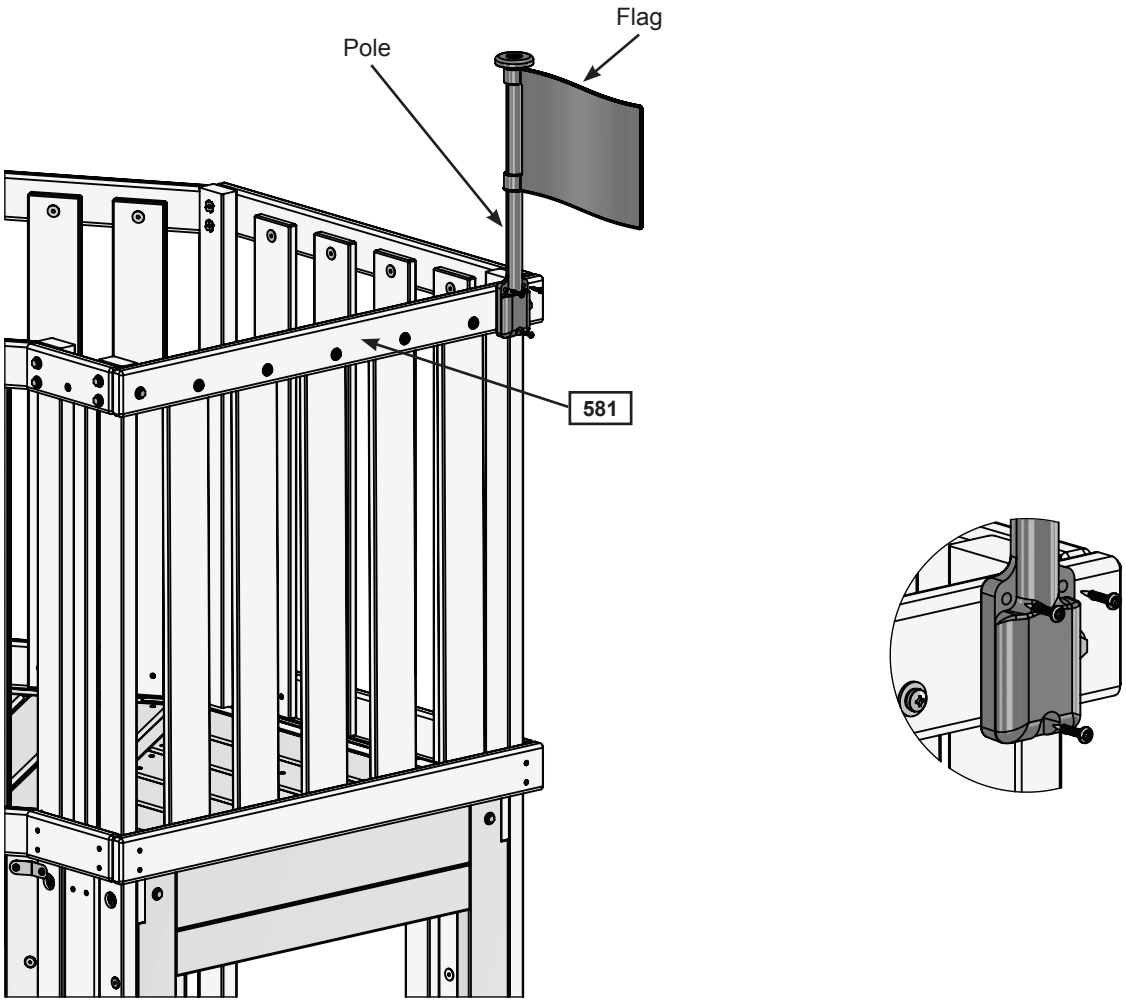
Other Parts

1 x Telescope

Step 65: Attach Flag and Pole

A: From the outside of the Upper Nest attach Flag and Pole to the right side of (581) Barrier Top C using 3 (S10) #8 x 1” Pan Screws.(Fig. 65.1)

Fig. 65.1



Hardware

3 x (S10) #8 x 1” Pan Screw

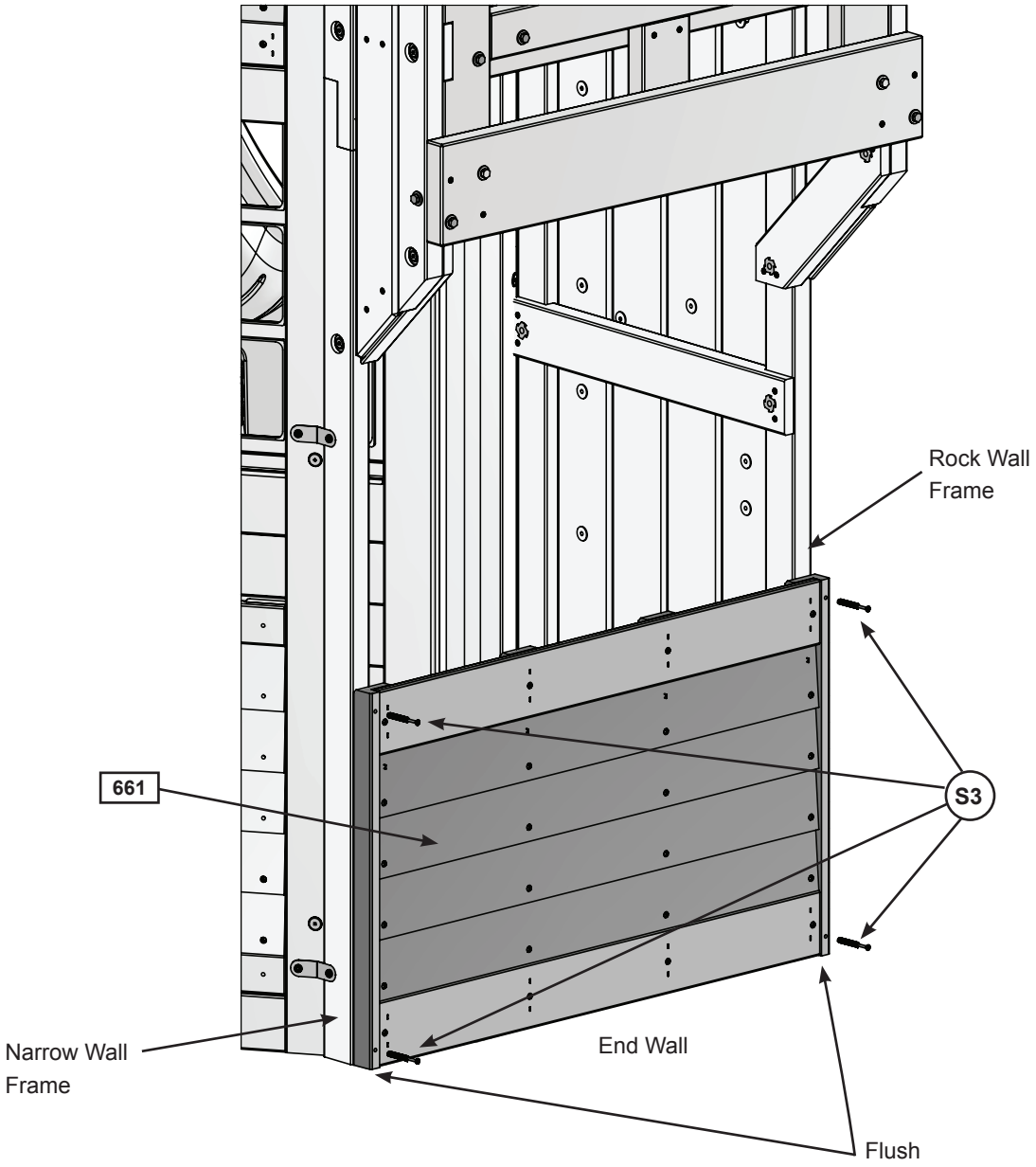
Other Parts

1 x Flag
1 x Pole

Step 66: Install SL Panel
Part 1

A: In the bottom opening of the End Wall attach (661) SL Panel to the Rock Wall Frame and the Narrow Wall Frame using 4 (S3) #8 x 2-1/2" Wood Screws, making sure that the SL Panel is flush with the bottom of both frames. (Fig. 66.1)

Fig. 66.1



Wood Parts

1 x 661 **SL Panel 1-3/8 x 20-1/4 x 33-1/8"**

Hardware

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

Step 66: Install SL Panel
Part 2

B: From the outside, place (662) End Wall Top so that it fits over the SL Panel and is tight to each corner. Attach using 2 (S3) #8 x 2-1/2" Wood Screws. (Fig. 66.2)

C: From the inside, place a Corner Bracket at the top of each slat so they are flush to the (662) End Wall Top. Attach each Corner Bracket using 3 (S0) #8 x 7/8" Truss Screws as shown in fig. 66.3.

Fig. 66.2

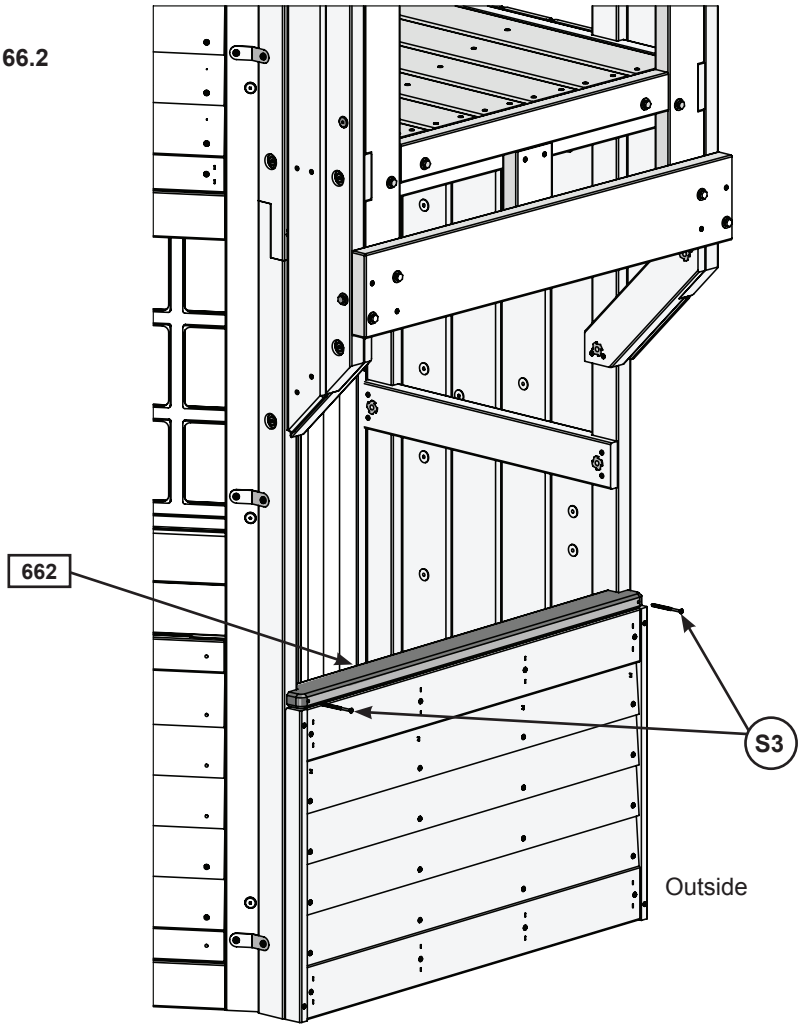
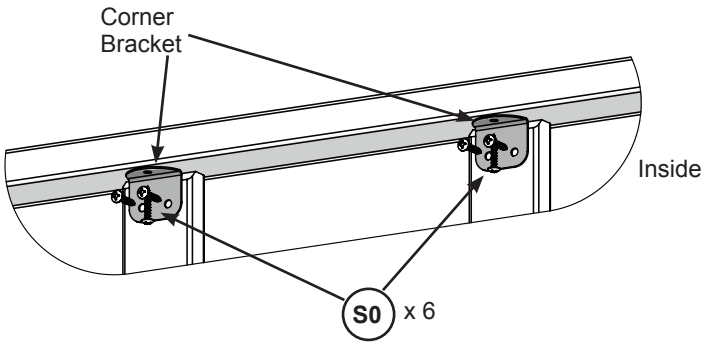


Fig. 66.3



Wood Parts

1 x 662 End Wall Top 15/16 x 2-1/4 x 33"

Hardware

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

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

Other Parts

2 x Corner Bracket

Step 67: Install Climbing Rope

A: Feed one end of the Rope through the hole in (572) Rope Support and tie a knot in that end of the rope. (Fig. 67.1 & 67.3)

B: Tie a second knot in the rope on the opposite side of (572) Rope Support so that the knots are tight to the board on both sides. (Fig. 67.1)

D: Tie 4 more knots in the rope making sure that they are evenly spaced from top to bottom. (fig. 67.4)

C: Feed rope through hole in bottom of (056) Rock Wall F and pull tight. Tie off the rope securely with a single knot. (fig.67.2)

E: IMPORTANT: MAKE SURE THE ROPE IS TIGHT

Fig. 67.1

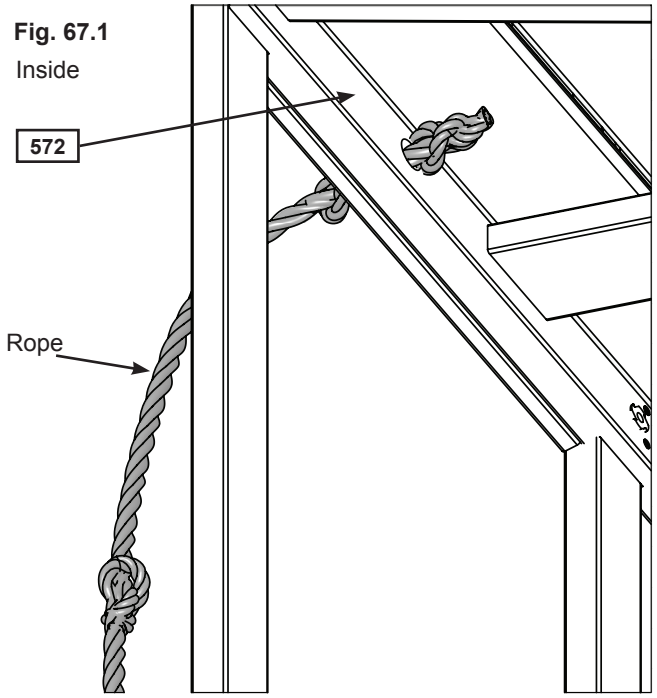


Fig. 67.4

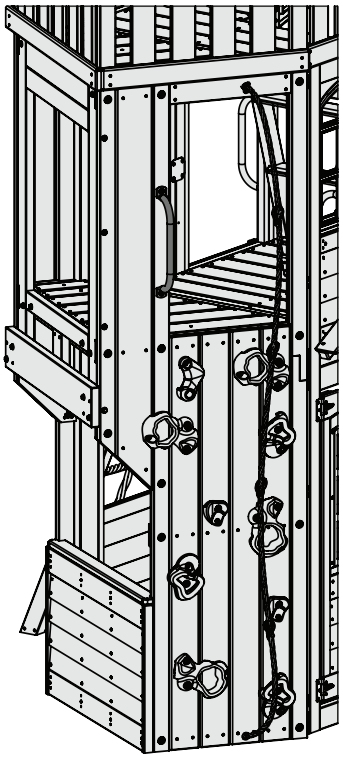


Fig. 67.2

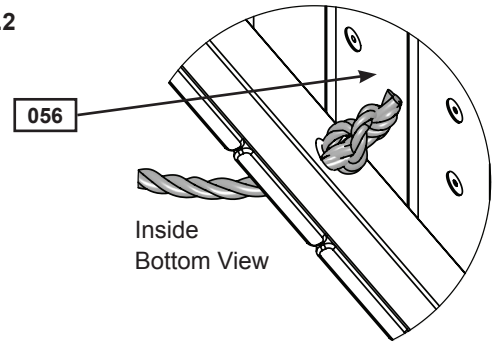


Fig. 67.3

Other Parts

1 x Rope

Step 68: Install Steering Wheel

A: On (081) SW Wall Panel attach Steering Wheel with 1 (WB10) 5/16 x 2-5/8” Wafer Bolt (with flat washer x 2 and t-nut). (Fig. 68.1 and 68.2)

Fig. 68.1

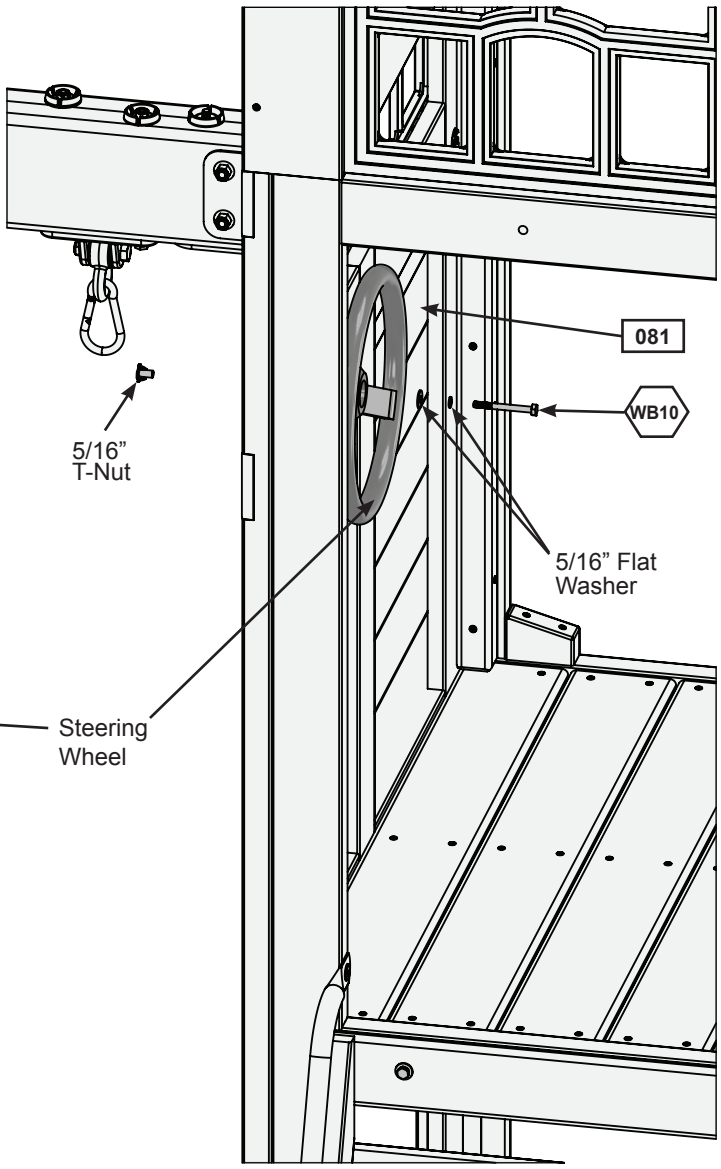
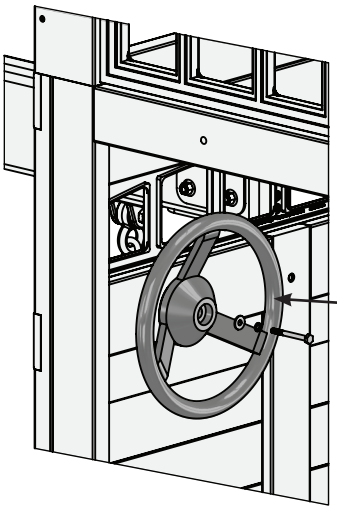


Fig. 68.2
Inside View



Hardware

1 x WB10 **5/16 x 2-5/8” Wafer Bolt**
(5/16” flat washer x 2, 5/16” t-nut)

Other Parts

1 x Steering Wheel

Step 69: 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. 69.3).

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. 69.1). 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 TNR3 Extend Flange RT and TNR3 Extend Flange LT together using 9 (PB1) 1/4 x 3/4" Pan Bolts (with lock nut) as shown in (Fig. 69.2). This creates the Flange Assembly.

Fig. 69.1

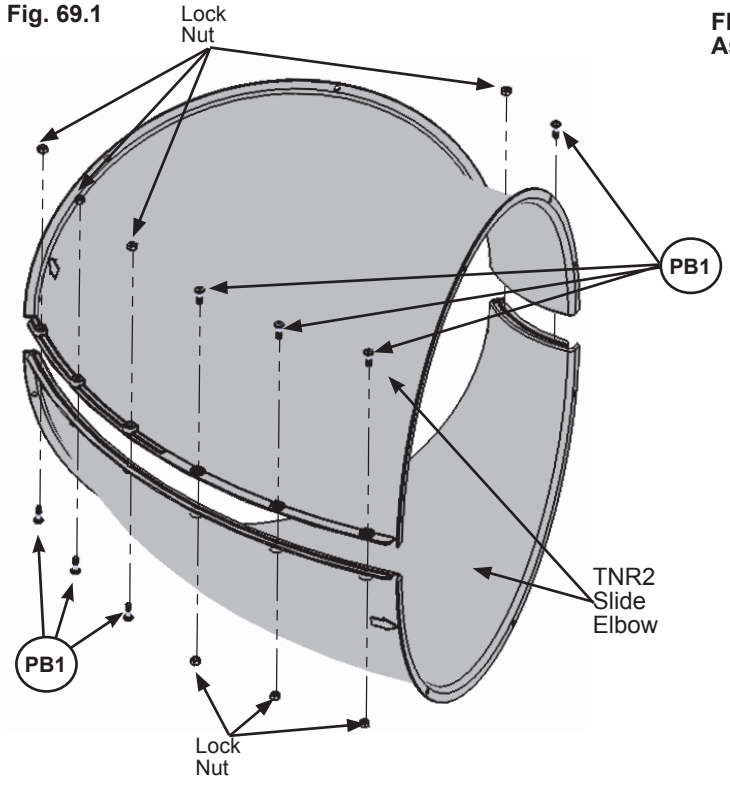


Fig. 69.2

Flange Assembly

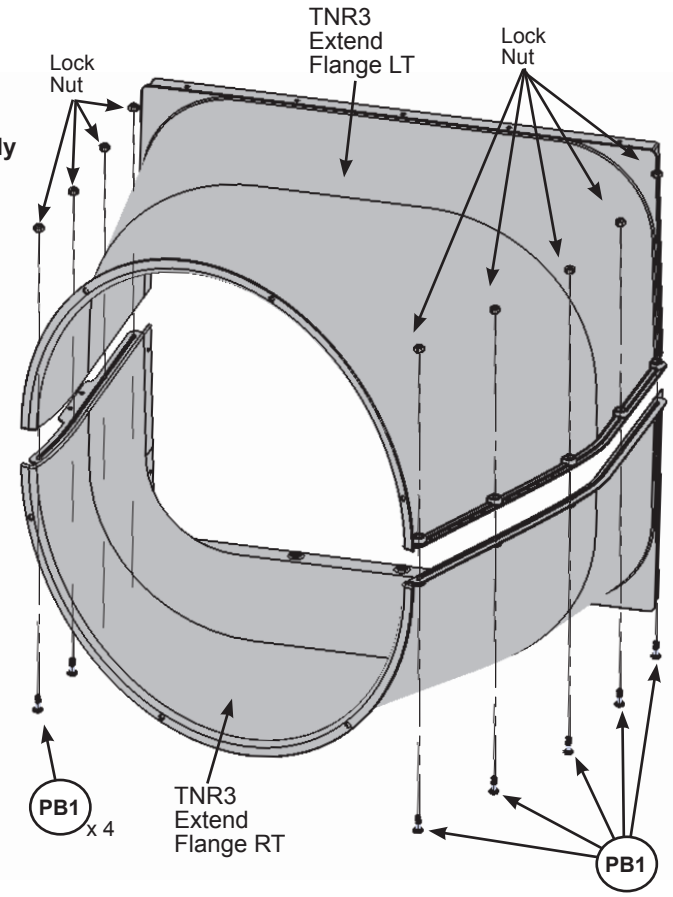
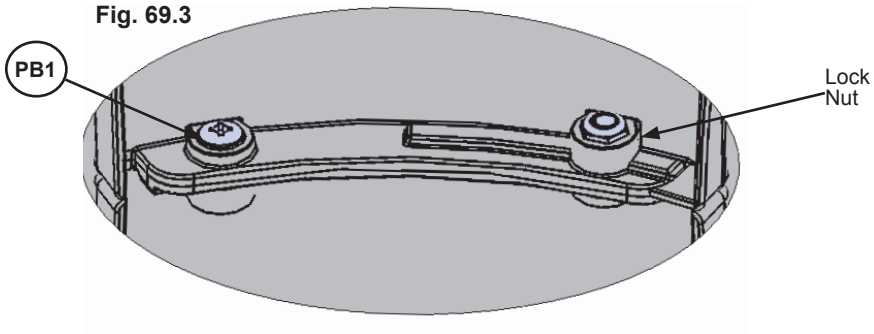


Fig. 69.3



Use a 7/16" open end wrench for nuts

Hardware

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

Other Parts

1 x TNR3 Extend Flange RT
1 x TNR3 Extend Flange LT
8 x TNR2 Slide Elbow

Step 69: 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. 69.3)

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

Fig. 69.4

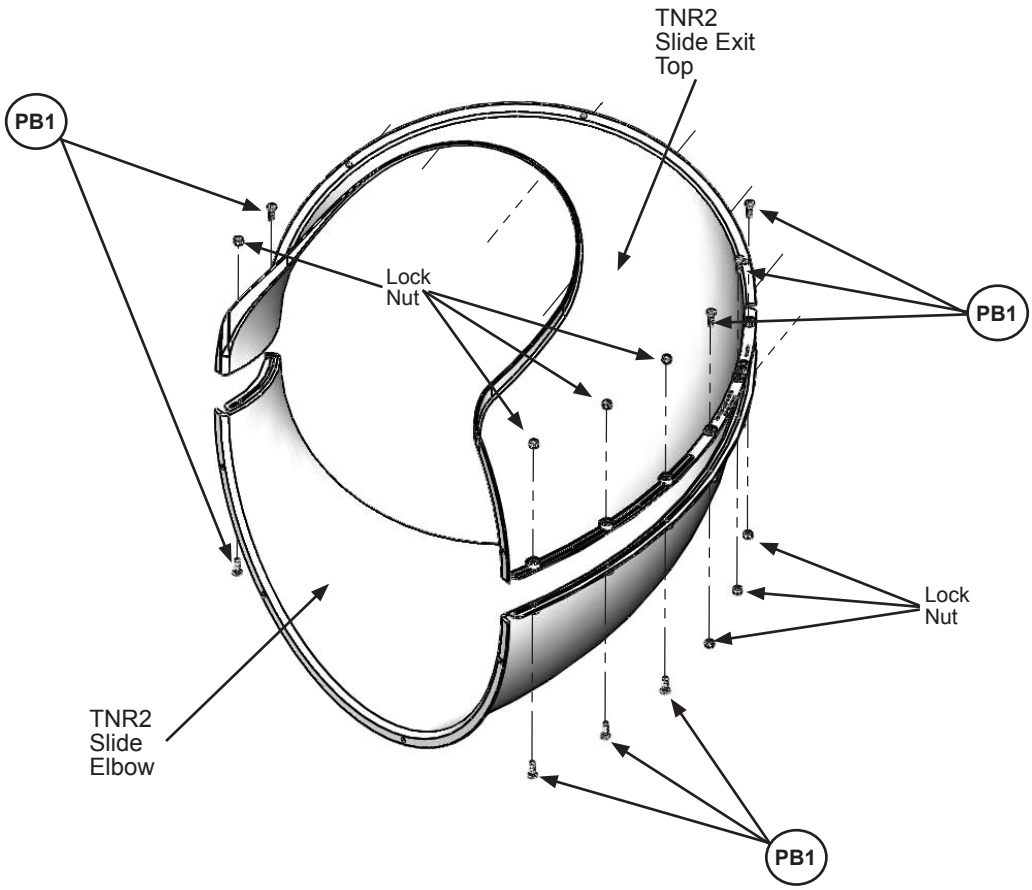
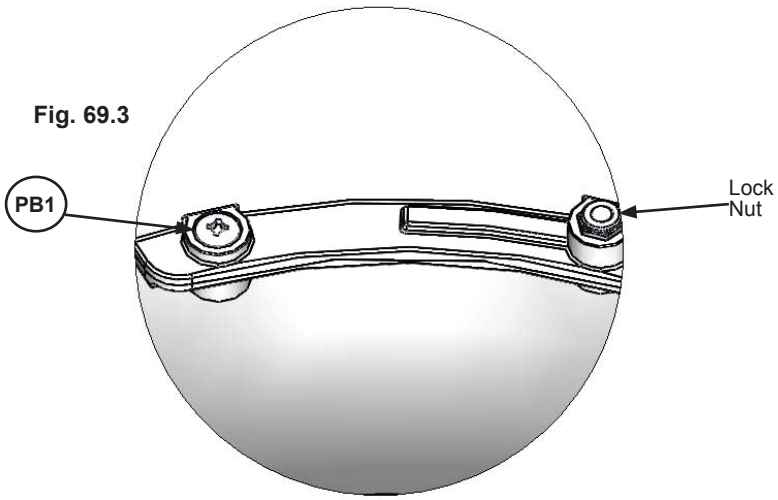


Fig. 69.3



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 70: Attach Flange Assembly to Fort Part 1

A: With a helper place the Flange Assembly flush to the top opening in the Slide Wall as shown in fig.70.1, then pre-drill 1/8" pilot holes in (431) Upper SL Insert for the 4 upper mounting locations (approximate spots where circles are on figure), making sure the pre-drilled holes are a minimum of 1" deep. (fig. 70.2)

B: Attach Flange Assembly to (431) Upper SL Insert using 4 (S7) #12 x 2" Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig. 70.2) Make sure the flat surfaces of the Flange Assembly are flush to (422) TNR Front Support and both sides of (411) Side Supports as shown in (fig. 70.2)

C: Attach the Flange Assembly flush to bottom of (422) TNR Front Support using 4 (S6) #12 x 1" Pan Screws (with #12 Screw Bezel) and to both sides of (411) Side Supports using 5 (S6) #12 x 1" Pan Screws per side. (fig. 70.2 & 70.3 & 70.4)

Fig. 70.1
Outside View

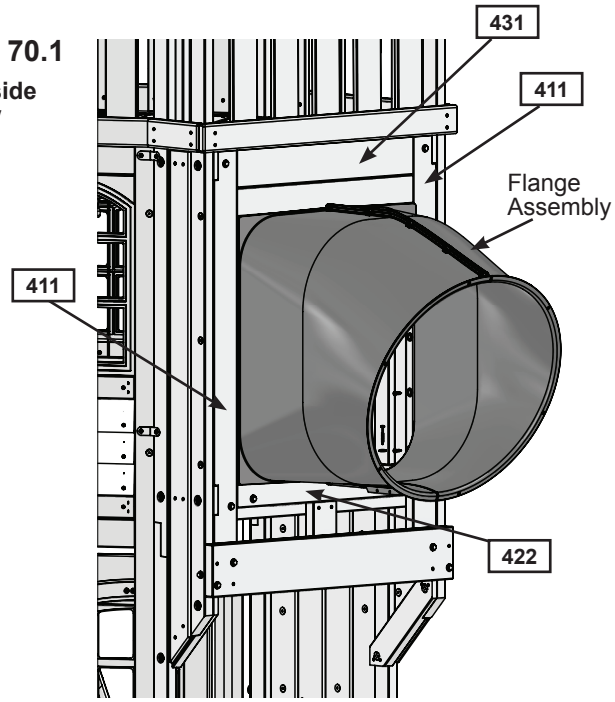


Fig. 70.2
Inside View

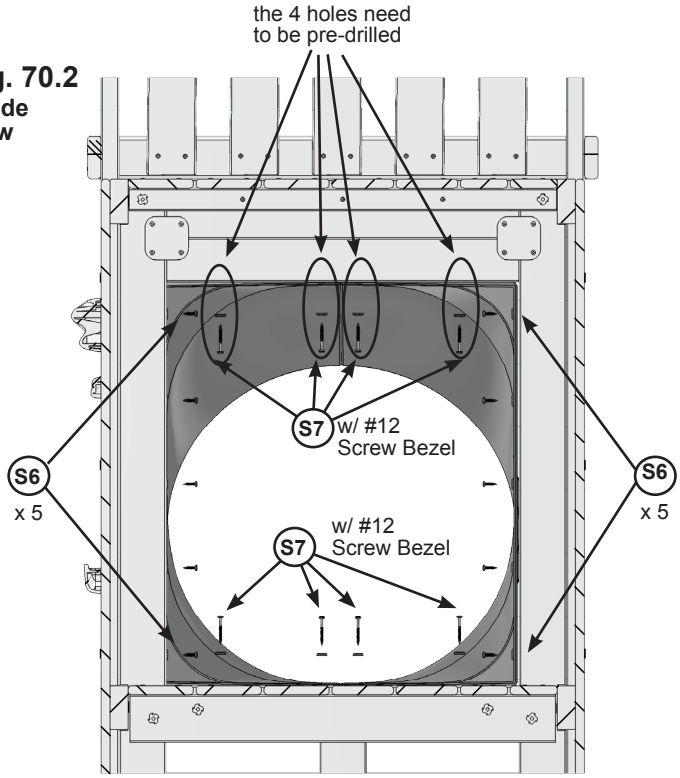


Fig. 70.3

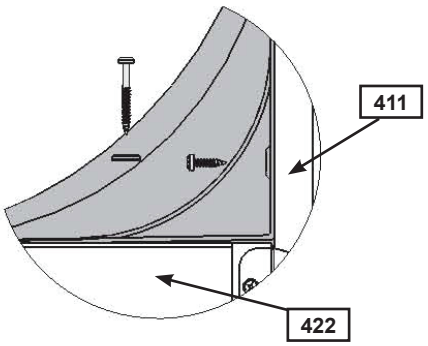
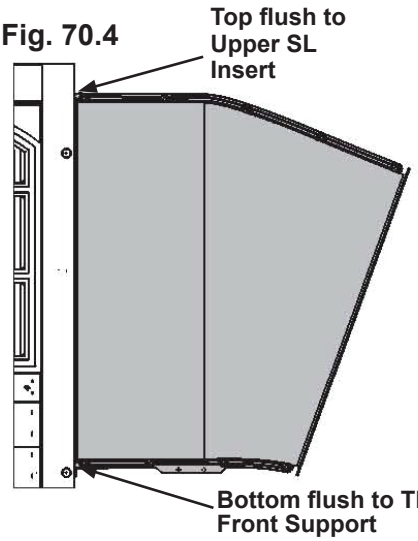


Fig. 70.4



Hardware

10 x (S6) #12 x 1" Pan Screw
8 x (S7) #12 x 2" Pan Screw (with #12 Screw Bezel)

Step 70: Attach Flange Assembly to Fort Part 2

D: Place (701) SL Gusset centred and tight to (401) TNR Brace Support and attach to Flange Assembly with 2 (S6) #12 x 1” Pan Screws. (fig. 70.5 & 70.6)

E: Pre-drill pilot hole with a 3/16” drill bit then attach (701) SL Gusset to (401) TNR Brace Support with 1 (WL5) 1/4 x 2-1/2” Wafer Lag (with flat washer). (fig. 70.5 & 70.6)

Fig. 70.5

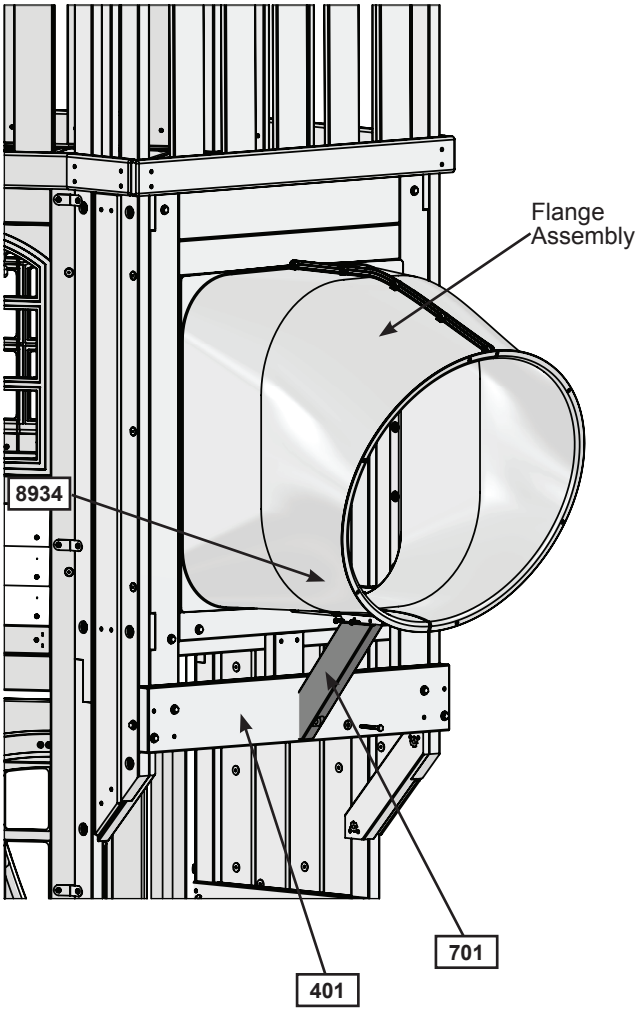
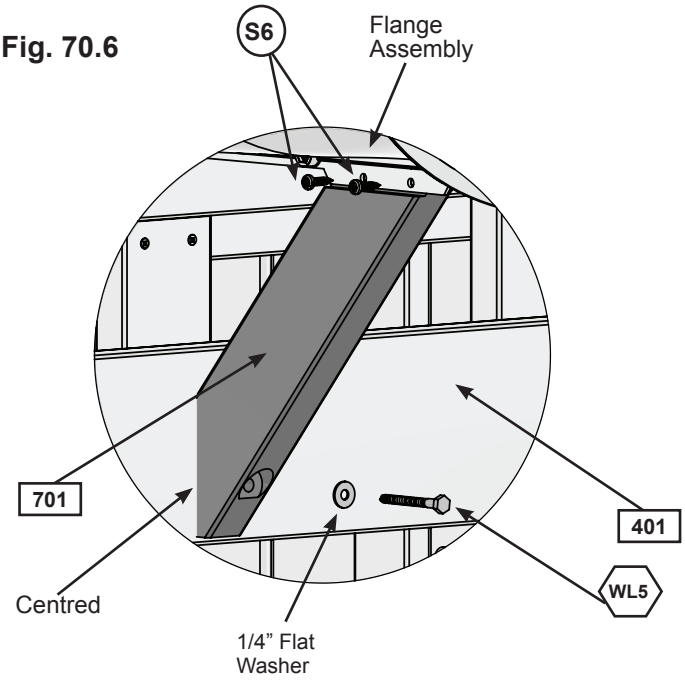


Fig. 70.6



Wood Parts

1 x 701 **SL Gusset 1-1/4 x 3 x 11-1/4”**

Hardware

2 x S6 **#12 x 1” Pan Screw**

1 x WL5 **1/4 x 2-1/2” Wafer Lag (1/4” flat washer)**

Step 71: 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 ¼ x 12.7mm" Pan Bolts and Square Lock Nut. (Fig. 71.2 & 71.3).

B: Attach one of the Elbow assemblies to another Elbow Assembly making sure to line up the arrows on each assembly. Attach using 6 ¼ x 12.7mm Pan Bolts with Square Lock Nut. Repeat this instruction to make 2 more. (Fig. 71.2 & 71.3)

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

Quadrex Driver

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

Fig. 71.1

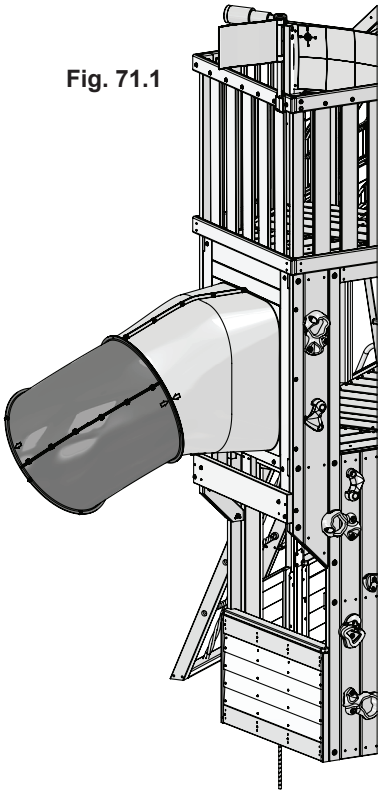


Fig. 71.2
Top Slide Bolt Holes

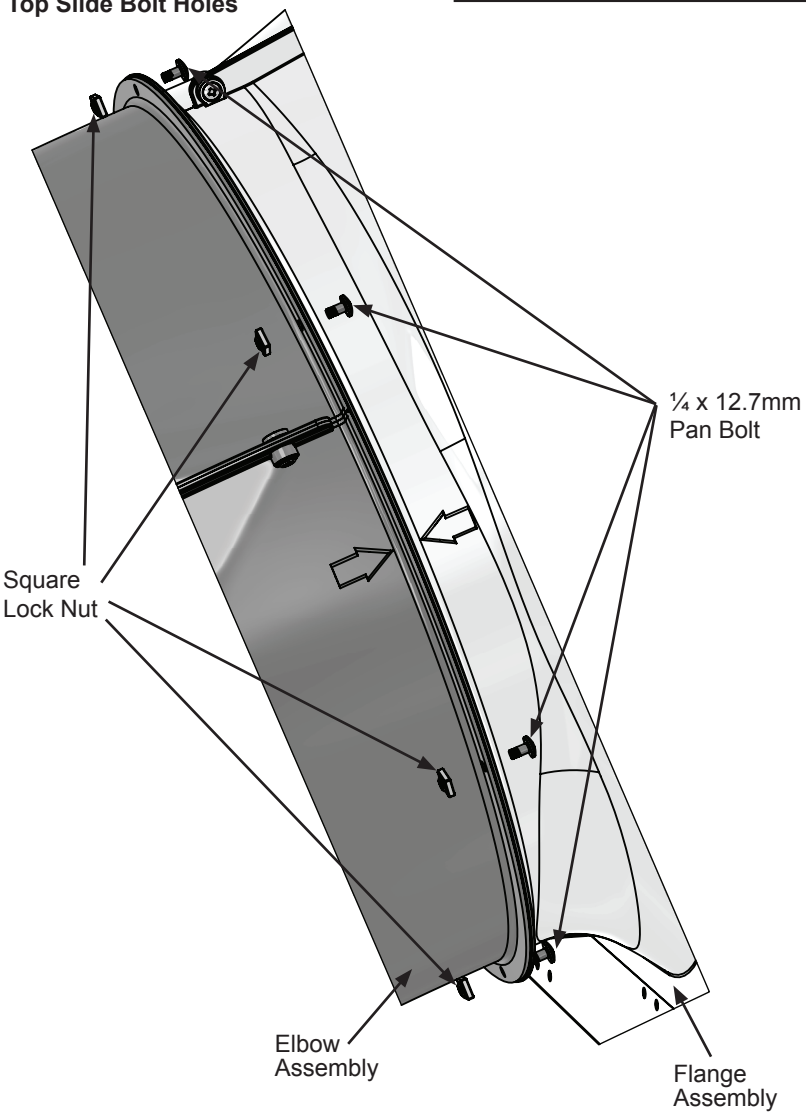
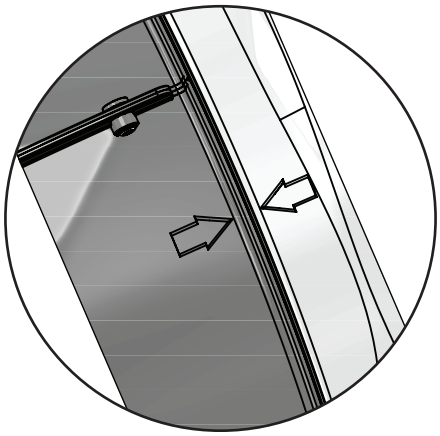


Fig. 71.3



Align each elbow using the molded arrows.

Other Parts

1 x Quadrex Driver
24 x 1/4 x 12.7mm Pan Bolt
24 x 1/4" Square Lock Nut

Step 72: 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. 72.1)

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. 72.2 & 72.3)

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. 72.1

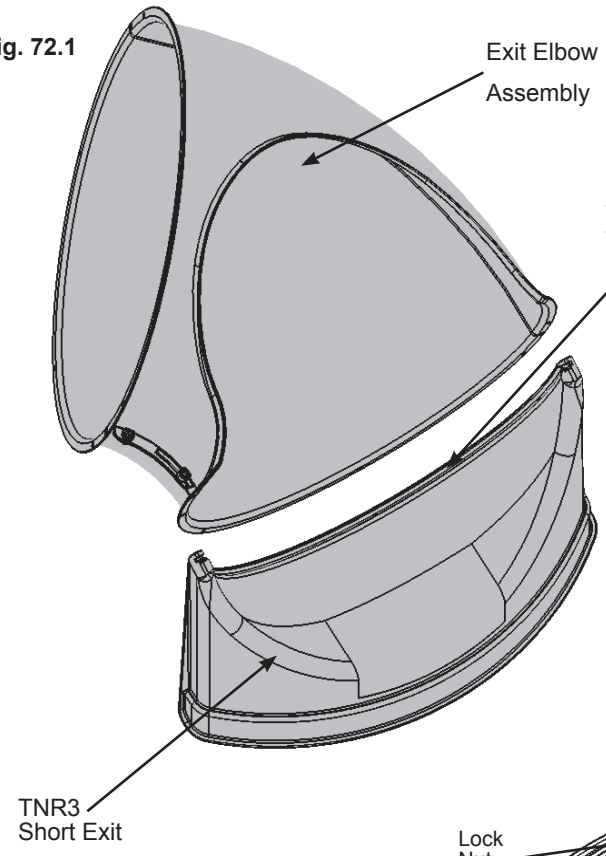


Fig. 72.2

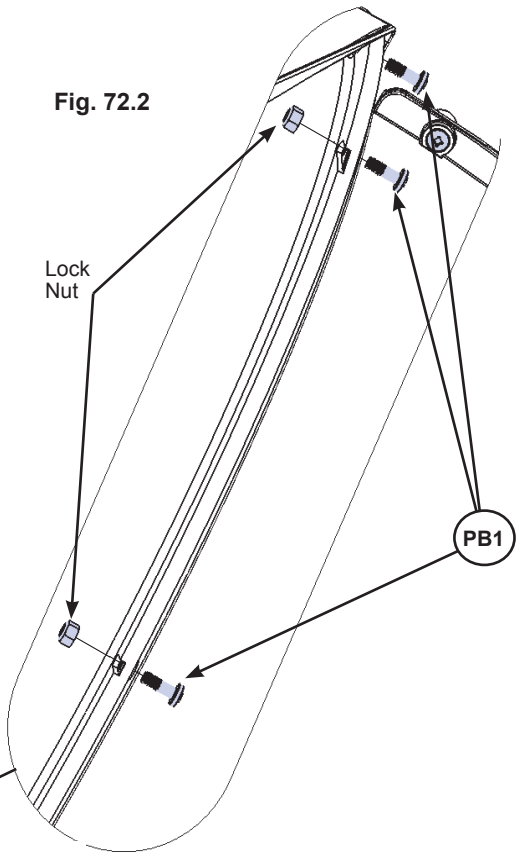
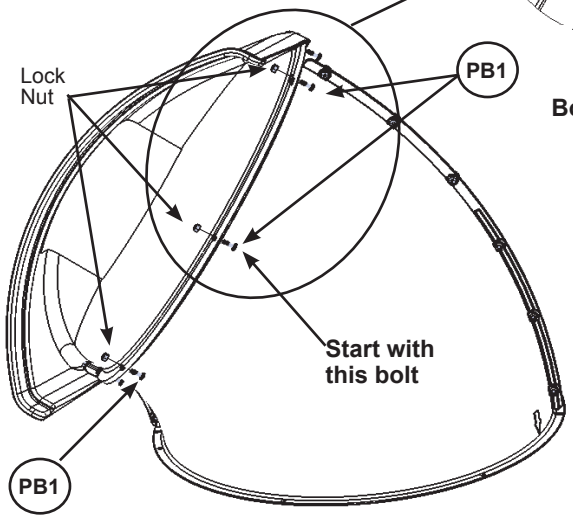


Fig. 72.3



Bottom of Slide Views

Hardware

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

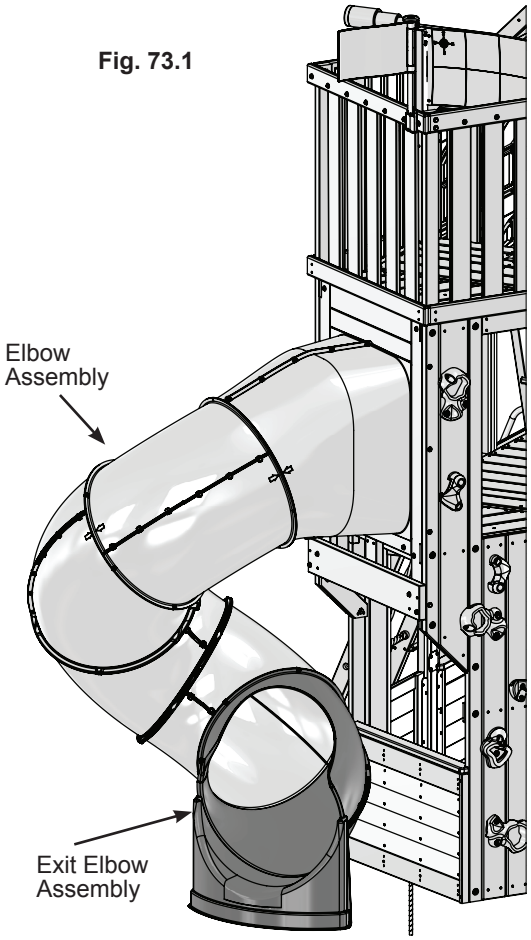
Other Parts

1 x TNR3 Short Exit

Step 73: Attach Exit End Assembly to Fort

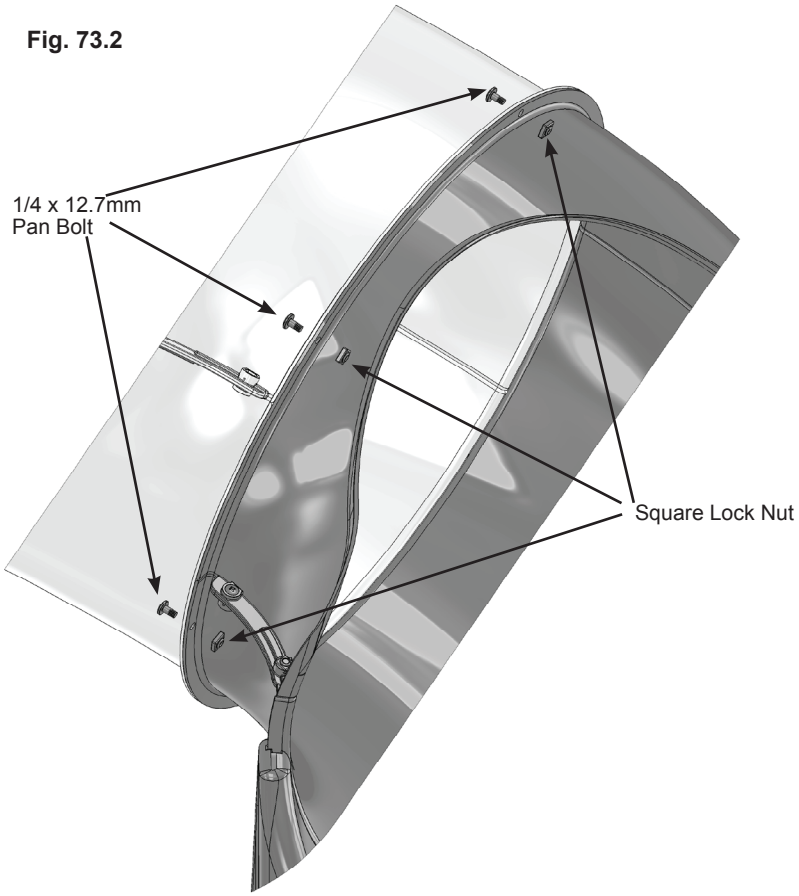
A: Fit the Exit End Assembly to the last Elbow Assembly by lining up the arrows on each assembly. Notice the elbow orientation. (fig. 73.1 & 73.2). Attach with 6 (PB7) ¼ x 12.7mm Pan Bolts and Square Lock Nuts.

Fig. 73.1



Make sure arrows are aligned

Fig. 73.2



Other Parts

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

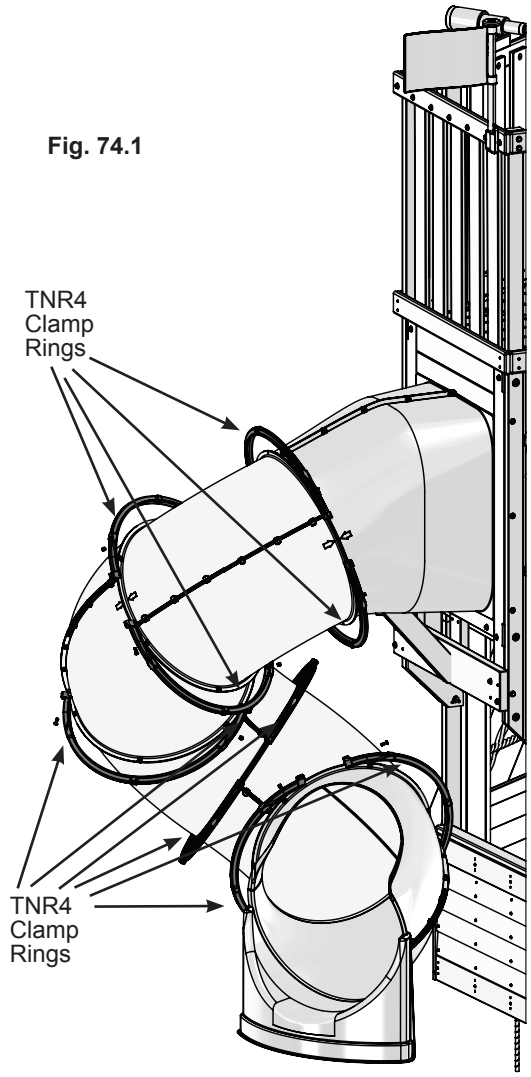
Step 74: Attach TNR 4 Clamp Rings

A: Place 2 TNR4 Clamp Rings around each joint on the top 4 slide sections making sure to match the arrows with the end of the Clamp Ring as shown in fig. 74.1 and 74.2. On the final section, rotate the clamp ring as shown. (fig. 74.1 and 74.2)

B: Connect TNR4 Clamp Rings in 2 spots using 1 (PB6) ¼ x 1" Pan Bolt (with lock nut) per side. (fig. 74.2 & 74.3)

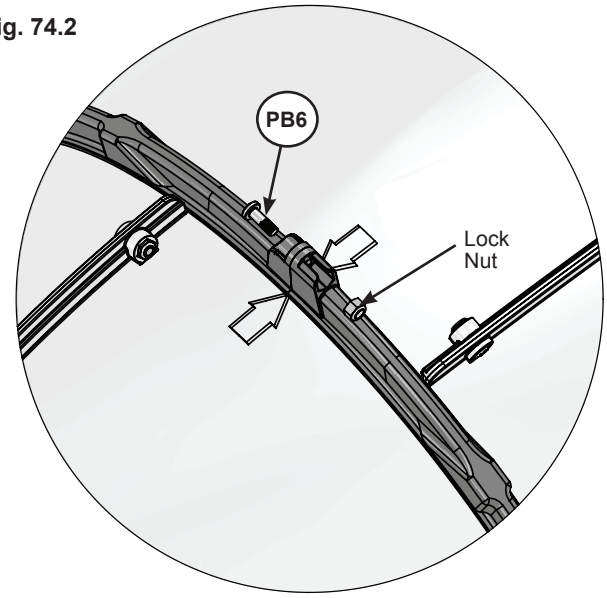
Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess.

Fig. 74.1



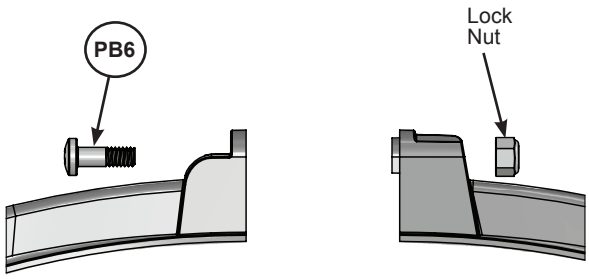
Note: For ease of assembly bottom set of clamp rings can be rotated 90 degrees to install bolts.

Fig. 74.2



Make sure arrows are aligned

Fig. 74.3



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

Hardware

10 x (PB6) 1/4 x 1" Pan Bolt (1/4" lock nut)

Other Parts

10 x TNR4 Clamp Ring

Step 75: Attach TNR4 Slide to Fort

A: On the fourth attached Elbow Assembly remove the pan bolt and nut which is facing the fort (installed in Step 70). (fig. 75.1) The bolt will no longer be needed, but keep the lock nut.

B: Loosely attach TNR Long 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. 75.2)

C: Rotate TNR3 Tube Support and attach to (071) Nest End Panel using 1 (S6) #12 x 1" Pan Screw as shown in fig. 75.2.

D: Fully tighten screw and bolt.

Fig. 75.1

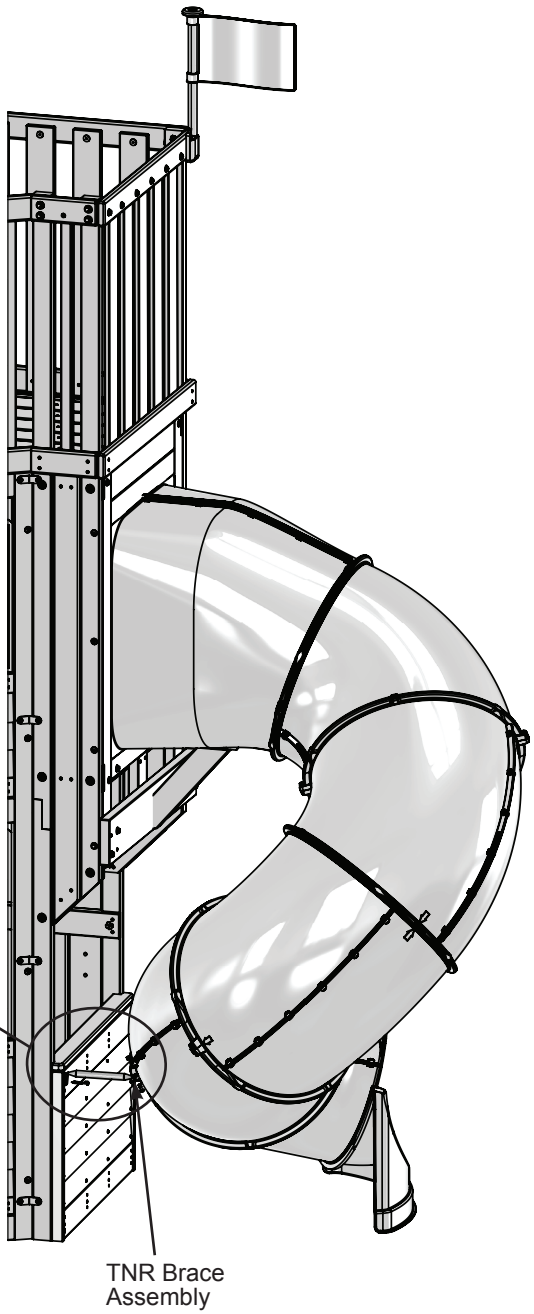
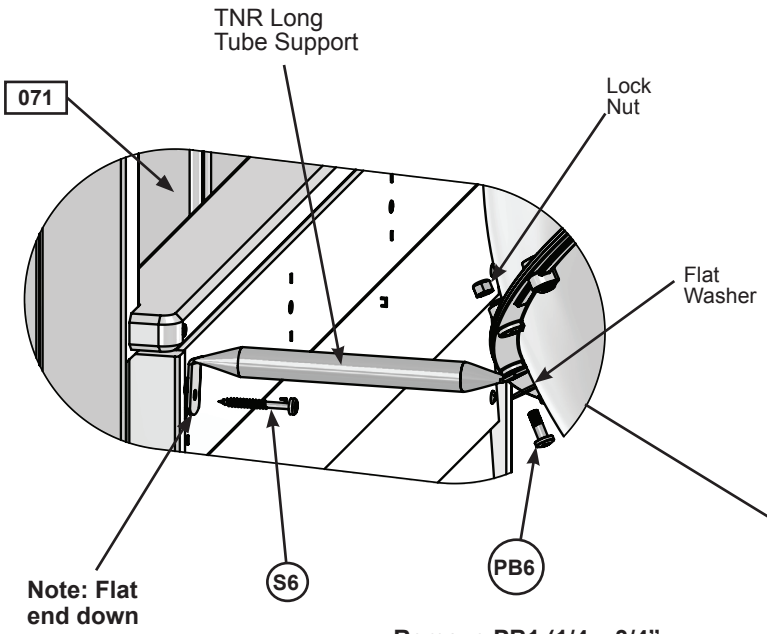


Fig. 75.2



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)

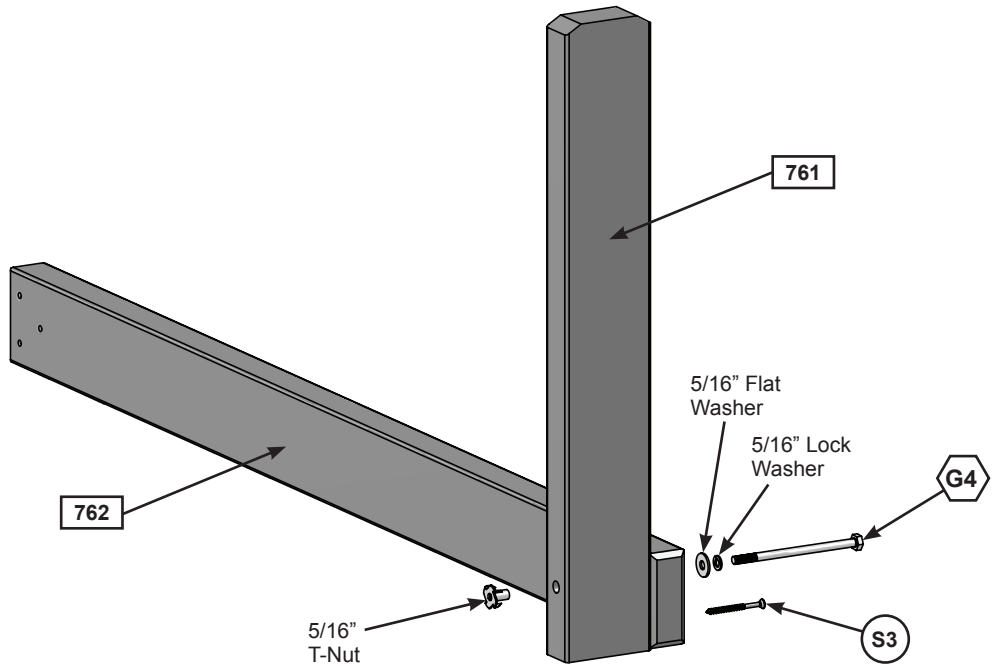
Other Parts

1 x TNR Long Tube Support

Step 76: TNR Brace Assembly

A: Attach (761) TNR Upright to (762) TNR Ground Brace with 1 (G4) 5/16 x 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 (S3) #8 x 2-1/2” Wood Screw. (fig. 76.1)

Fig. 76.1



Wood Parts

1 x 762 **TNR Ground Brace 1-1/4 x 3 x 39-1/4”**

1 x 761 **TNR Upright 1-1/4 x 3 x 20-1/4”**

Hardware

1 x S3 **#8 x 2-1/2” Wood Screw**

1 x G4 **5/16 x 4” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)**

Step 77: Attach Elbow Assemblies and TNR4 Slide

A: 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. 77.2)

B: Insert the TNR4 Post Mount Base in between the 2 Post Mount Clamps and screw all pieces together using 1 ¼ x 14.5mm Pan Head Bolt and Square Nylock Nut. (fig. 77.2)

C: Attach TNR4 Post Mount Base to (311) TNR Upright, pre-drill with a 1/8" drill bit then attach with 2 (S6) #12 x 1" Pan Screws. (fig. 77.2)

D: Attach the Post Mount Clamp to the clamp ring using 1 (S37) #7 x 5/8" Pan Screw. (fig. 77.2)

E: Attach (762) TNR Ground Brace to (062) Narrow Wall D using with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 77.3)

Fig. 77.1

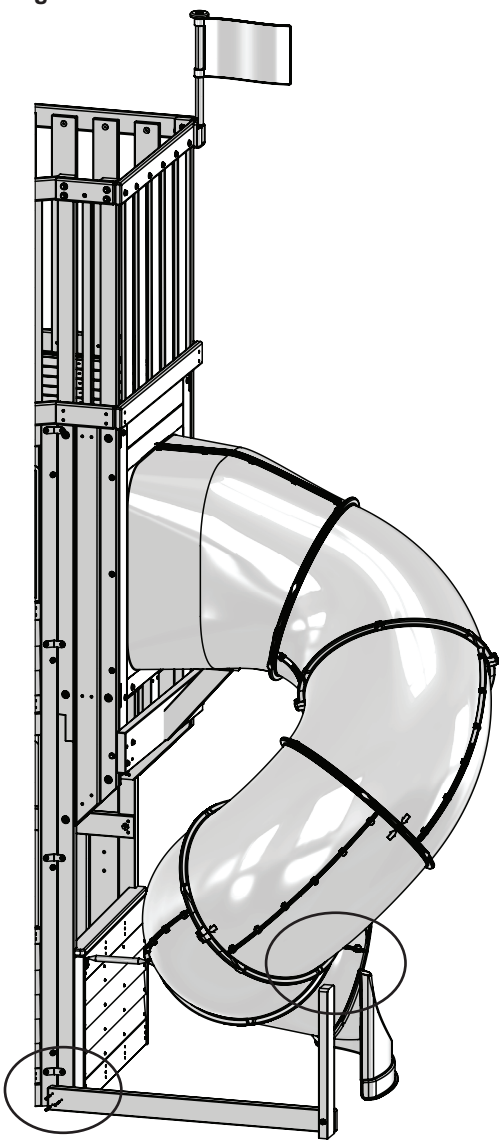


Fig. 77.2

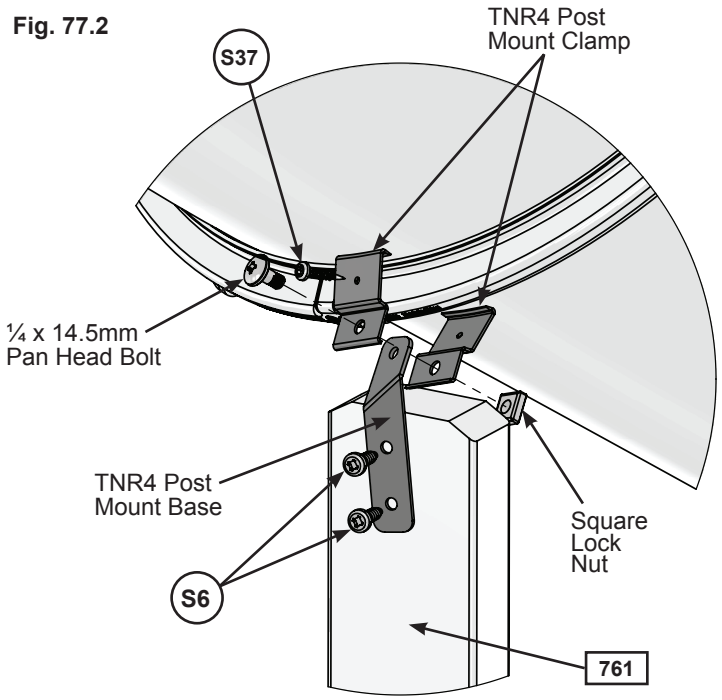
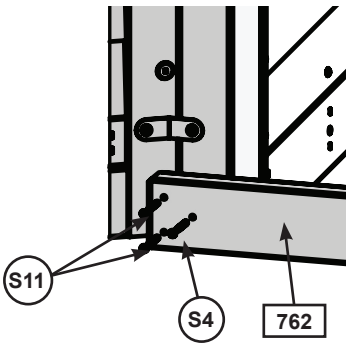


Fig. 77.3



Hardware

- 2 x (S6) #12 x 1" Pan Screw
- 1 x (S4) #8 x 3" Wood Screw
- 2 x (S11) #8 x 2" Wood Screw
- 1 x (S37) #7 x 5/8" Pan Screw

Other Parts

- 2 x TNR4 Post Mount Clamp
- 1 x TNR 4 Post Mount Base
- 1 x 1/4 x 14.5 mm Pan Head Bolt
- 1 x Square Lock Nut

Step 78: Attach Ground Stake to TNR Upright

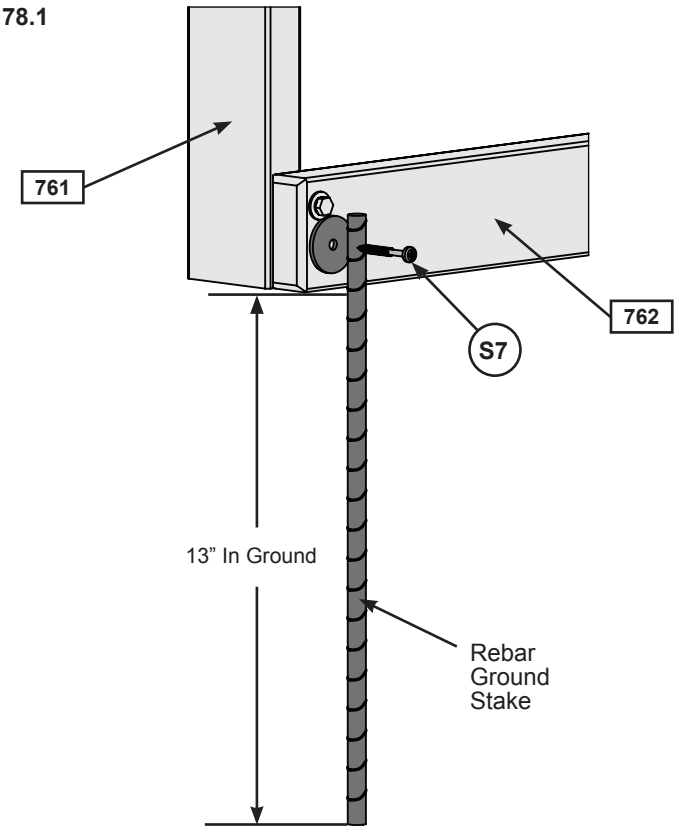
A: In the spot shown in fig. 78.1 drive 1 Rebar Ground Stake 13” into the ground against the (762) TNR Ground Brace. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off.

B: Attach the ground stake to (762) TNR Ground Brace just below the bolt head using 1 (S7) #12 x 2” Pan Screw as shown in fig. 78.1.

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” into ground. Digging or driving stakes can be dangerous if you do not check first for under-ground wiring, cables or gas lines.

Fig. 78.1



Hardware

1 x (S7) #12 x 2” Pan Screw

Other Parts

1 x Rebar Ground Stake

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.

WARNING
AVERTISSEMENT

CONTINUOUS ADULT SUPERVISION REQUIRED!

STRANGULATION HAZARDS

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

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

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

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

SERIOUS HEAD INJURY HAZARD

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

SURVEILLANCE CONSTANTE D'ADULTES REQUISE!

Risques d'étranglement

Ne jamais laisser les enfants jouer avec des cordes, cordes à linge, laisses pour animaux , des câbles,des chaînes ou ce type d'articles pendant l'utilisation de ce centre de jeu ou attacher un de ces éléments à la structure.

Ne jamais laissez les enfants porter des vêtements amples, des ponchos, des capuchons, des foulards, des capes, des colliers ou des articles avec cordons ou cordes libres pendant l'utilisation de ce centre de jeu.

Ne jamais laissez les enfants porter un casque de vélo ou de sport quand ils utilisent ce centre de jeu.

Ne pas respecter ces consignes augmente le risque de blessures graves ou de décès des enfants par enchevêtrement ou étranglement.

RISQUE DE BLESSURES GRAVES À LA TÊTE

Entretenir le matériau d'absorption des chocs sous et autour de la structure de jeu tel que recommandé dans les instructions d'installation. L'installation sur du béton, de l'asphalte, le sol, l'herbe, le tapie et autres surafces dures crée un risque de blessure à la tête grave ou mortelle en cas de chute.

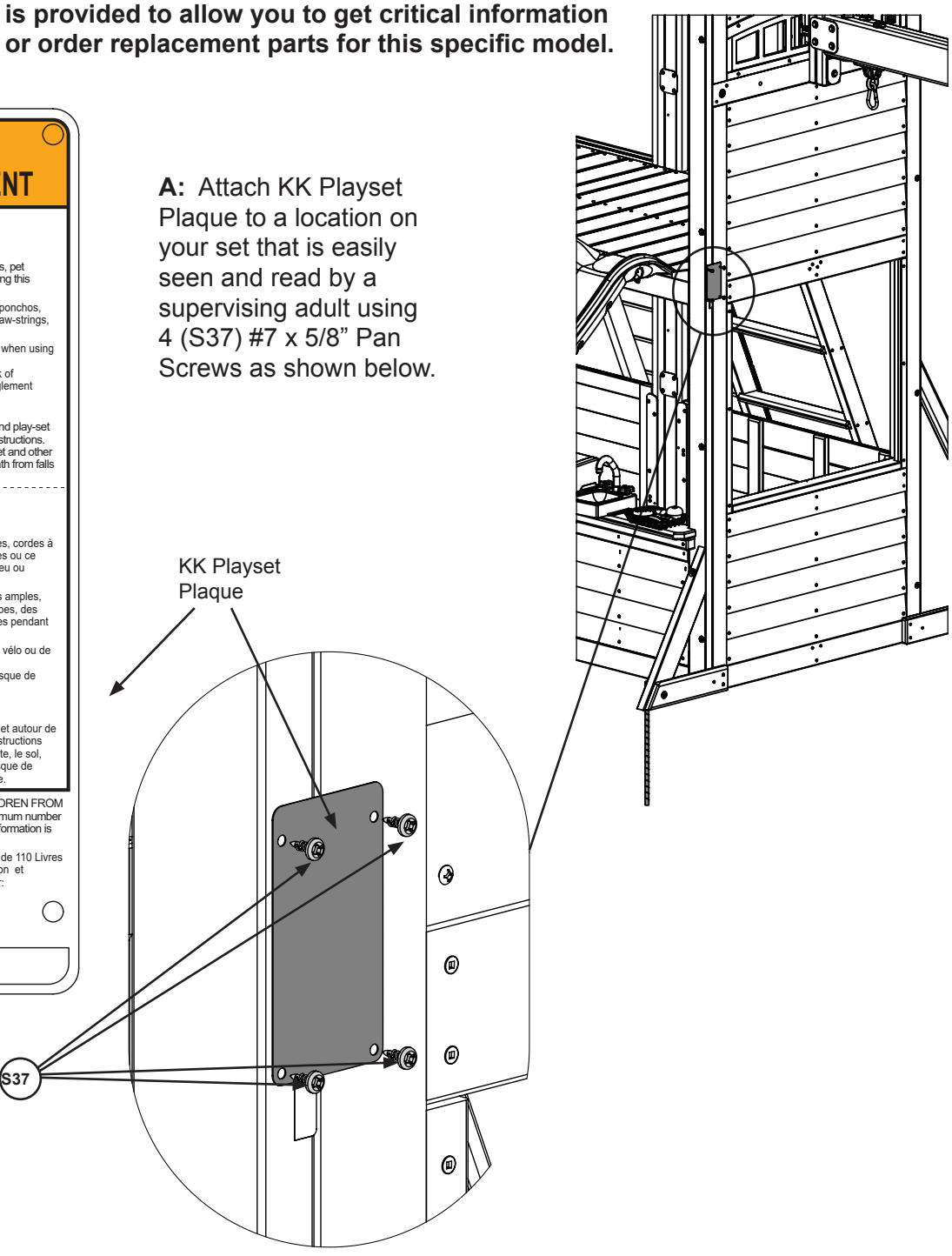
THIS PRODUCT IS INTENDED FOR USE BY CHILDREN FROM AGES 3 TO 10; weight limit of 110 lbs. per child. Maximum number of users, Installation & Operating Instructions; other information is available at:

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

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

Tracking Number:
Numéro de Suivi:

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

NOTES

NOTES

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:

MAIL TO:
KidKraft
4630 Olin Road
Dallas, TX 75244
United States
Attention: Customer Service

Cedar Summit By KidKraft

Fill out your registration card online at **www.cedarsummitplay.com/** registration

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

CUT ALONG LINE