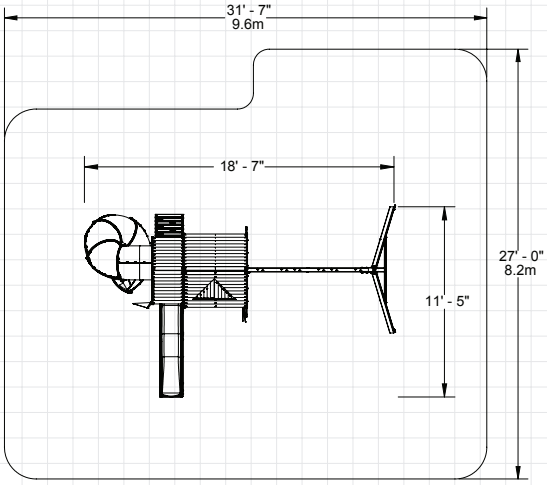
KidKraft
MADE FOR MAKE BELIEVE™

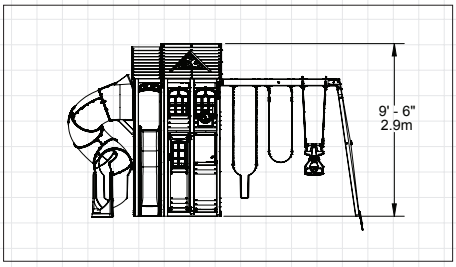
F24935

CHARLESTON LODGE

MISSING SOMETHING? CALL US OR GO ONLINE

OBSTACLE FREE SAFETY ZONE - 31'-7" L x 27' D x 16' H (10.9 x 8.2 x 4.9m) area requires Protective Surfacing. See page 4.
MAXIMUM VERTICAL FALL HEIGHT - 6'9"(2.06m)
CAPACITY -13 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (50 kg) per child.
RESIDENTAL HOME USE ONLY. Not intended for public areas such as multi-unit residences, schools, churches, nurseries, day cares or parks.





INSTALLATION AND OPERATING INSTRUCTIONS

FOR 24/7 ONLINE PARTS REPLACEMENT

parts.kidkraft.com

KidKraft, Inc.
4630 Olin Road
Dallas, Texas 75244
USA

customerservice@kidkraft.com

1.800.933.0771
972.385.0100

parts.kidkraft.eu

KidKraft Netherlands BV
Olympisch Stadion 8
1076 DE Amsterdam
The Netherlands

europecustomerservice@kidkraft.com

+31 20 305 8620
M-F from 09:00 to 17:30 (GMT+1)

9404935 Rev 02/28/2023

TWO-PERSON ASSEMBLY

ASSEMBLY TIME 12 - 18 HOURS

WARNING. ONLY FOR OUTDOOR DOMESTIC USE

⚠ WARNING

To reduce the risk of serious injury or death, please read and follow these instructions. Keep and refer to instructions as needed and pass along to any future owners of this item.

Congratulations on purchasing a KidKraft product!

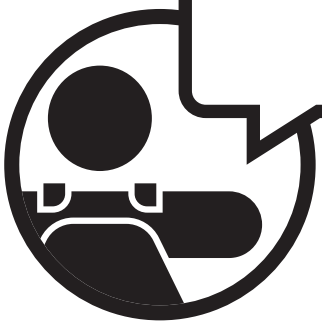
Our items are made of high-quality, durable Cunninghamia Lanceolata wood from the cypress family.

Lumber from these trees are known for their light weight and excellent strength. The porosity of this wood allows the moisture to absorb and evaporate in the fibers, resisting rot and bugs.

Engineered for great play, our products also go through extensive testing for safety.

Plus, our team has developed a series of proprietary methods for a simpler, more organized assembly. Less build time and more play time is our motto!

However, during assembly if you have any questions or concerns, please reach out. Our Customer Service can help with missing parts, instructions or maintenance.



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 4 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

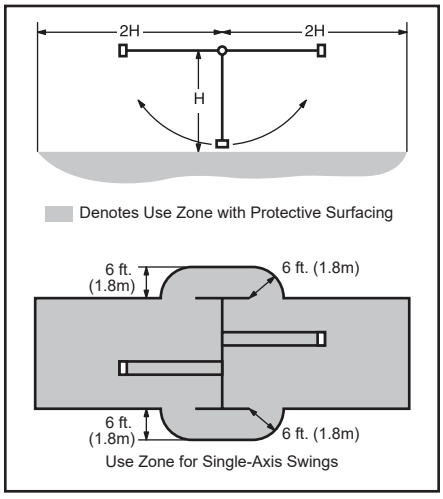
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

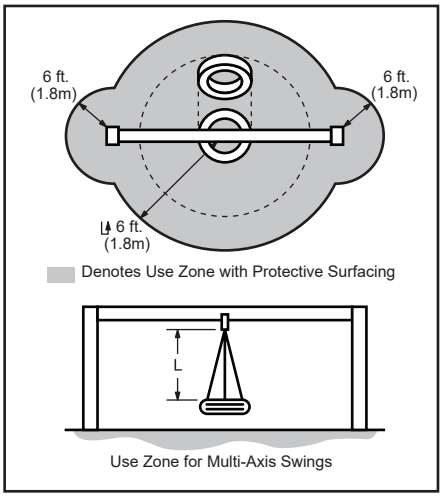
- Installations of these surfaces generally require a professional and are not "do-it yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM 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.





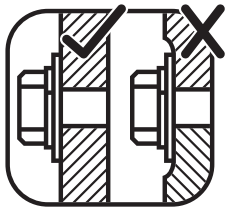
From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

Instructions for Proper Maintenance

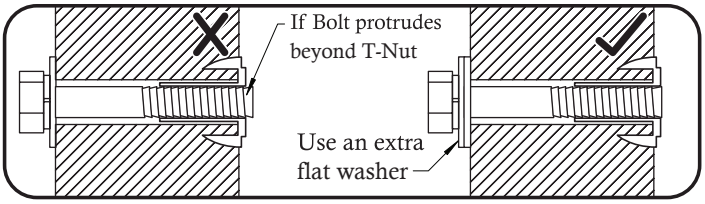
Your KidKraft Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain it.

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 4)

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 4)

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 4)

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" (101mm x 101mm) will experience more checking than a board 1" x 4" (25mm x 101mm) 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.

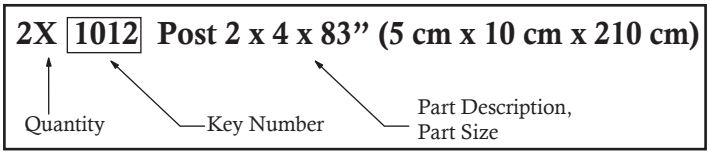
This product is warranted for **RESIDENTIAL USE ONLY.** Under no circumstance should a KidKraft product be used in public settings such as schools, churches, playgrounds, parks, home and professional day cares and the like. Such use may lead to product failure and potential injury. Public use will void 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" (13mm) & 7/16"(11 mm) sockets	• Open End Wrench 1/2" (13mm) & 7/16"(11 mm) • Adjustable Wrench • 1/8"(3mm) & 3/16"(5mm) Drill Bits	• 3/16"(5mm) Hex Key • 8' (2.4m) Step Ladder • Safety Glasses • Adult Helpers • Pencil

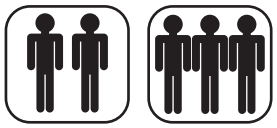
Part Identification Key
On each page, you will find the parts and quantities required to complete the assembly step illustrated on that page. Here is a sample.



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.

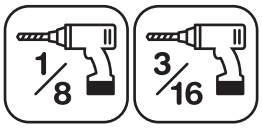
Use a measuring tape to assure proper location.

Square Assembly

Check that set or assembly is properly level before proceeding.

Use Level

Pre-drill 1/8"(3mm) & 3/16"(5mm) Bit



3mm 5mm

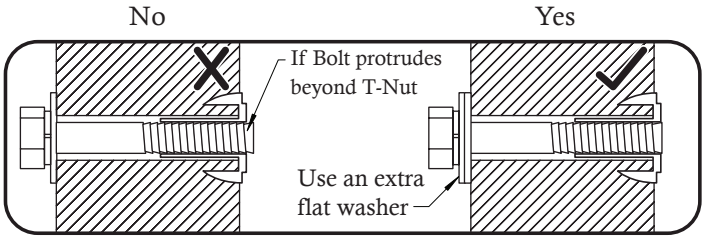
Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

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

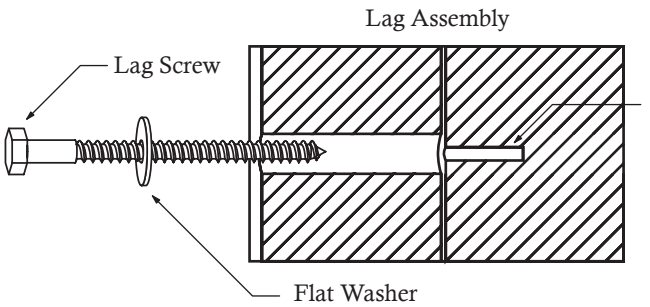
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.

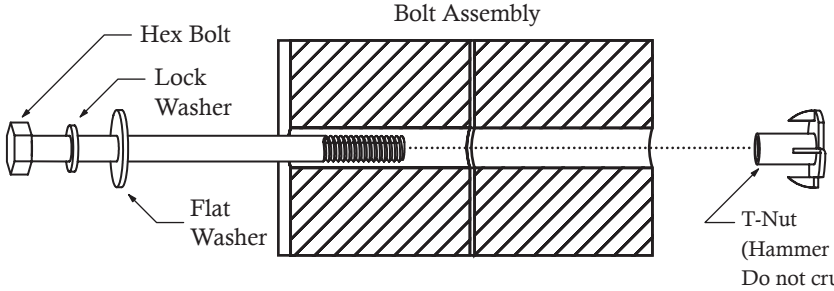


Proper Hardware Assembly
Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

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" (8mm) is slightly larger than 1/4" (6.4mm).

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





Part Identification (Reduced Part Size) Box 1,2 of 6

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

1pc. - 2648 **-** 1 x 4 x 40-5/8" - Floor Board **- Box 2 - 3632648**

8pc. - 2609 - 1 x 5 x 40-5/8" - Floor Board **- Box 2 - 3632609**

2pc. - 2605 **-** 1 x 6 x 19-3/4" - Access Board **- Box 2 3632605**

2pc. - 2603 **-** 1 x 6 x 19-3/4" - Rock Board A **- Box 2 3632603**

2pc. - 2606 **-** 5/4 x 4 x 14¼" - SW Ground **- Box 2 3632606**

1pc. - 2611 **-** 5/4 x 5 x 39-5/8" - Table Top **- Box 2 - 3632611**

1pc. - 2612 **-** 2 x 2 x 39-5/8" - Table Support **- Box 2 - 3632612**

2pc. - 2610 **-** 2 x 2 x 40-1/4" - Side Joist **- Box 2 - 3632610**

4pc. - 2617 **-** 1-1/4 x 2-1/4 x 37-1/2" - Roof Support **- Box 2 - 3632617**

2pc. - 0349 **-** Rock Rail 2 x 3 x 51" **- Box 1 - 3640349**

1pc. - 2616 **-** 5/4 x 4 x 46-1/2" - SW Support **-Box 1 - 3632616**

2pc. - 2646 **-** 1-1/4 x 3 x 10" - Roof End **Box 2 - 3632646**

2pc. - 2647 **-** 1-1/4 x 3 x 10" - Roof End Left **Box 2 - 3632647**

2pc. - 2607 **-** 1-1/4 x 3 x 22" - Diagonal **- Box 2 - 3632607**

1pc. - 2602 **-** Upper Jamb 1¼ x 3 x 35-15/16" **- Box 2 - 3632602**

1pc. - 2601 **-** Lower Jamb 1¼ x 3 x 41-15/16" **- Box 2 - 3632601**

1pc. - 2608 **-** 1-1/4 x 3 x 40-3/4" - Floor Joist **- Box 2 - 3632608**

2pc. - 2613 **-** 2 x 3 x 86-11/16" - Heavy SW Post **- Box 1 - 3632613**

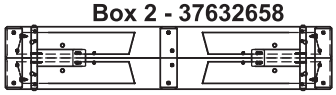
1pc. - 2615 **-** 4 x 4 x 50-15/16" - SW Upright **- Box 1 - 3632615**

1pc. - 2614 **-** 4 x 6 x 88" - Engineered Beam **- Box 1 - 3632614**

2pc. - 2717 **-** Clock Block 3/4 x 1-3/4 x 9-3/4" **Box 2 - 3632717**

3pc. - 2604 **-** 1 x 6 x 19-3/4" - Rock Board B **- Box 2 3632604**

1pc. - 2658 **-** 2-13/32 x 6-3/4 x 34" - Folding Bench **Box 2 - 37632658**



1x - Rocks
2x - 9320195 (Green)
1x - 9320196 (Yellow)

1x - 9320295 (Green)
1x - 9320296 (Yellow)

2x - Sky Gable (3320212)

1x - Bracket Set (3206303)

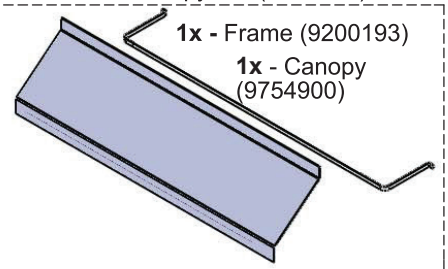
4x - Jamb Mount (9206300)

3x - Narrow Angle Bracket (9200632)

1x - Base Clock (9320124)

1x - Clock Subset (3320329)

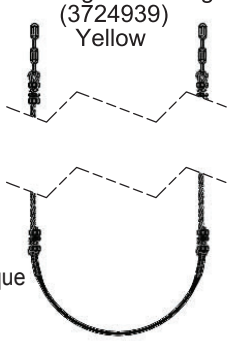
1x - Cafe Canopy Set (3754900)



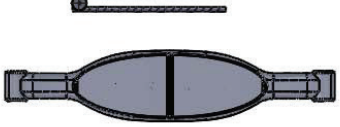
1x - Frame (9200193)
1x - Canopy (9754900)

1x - KidKraft I.D Plaque (9320374)

2x - Long Belt Swing (3724939) Yellow



1x - Rebar Ground Stake (6 Pk) (3200318)



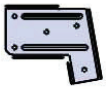
1x - Space Glider Body (3320268) Yellow

2x - Space Glider Handle (3320177) Green

1x- Kidkraft Logo Plaque (3320353)

1x - Glider Hanger (2pk) (3200105)

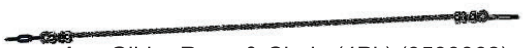
1x - Beam Brkt. Left (9200144)



2x - L Beam Brkt. (9200145)

1x - Beam Brkt. Right (9200143)

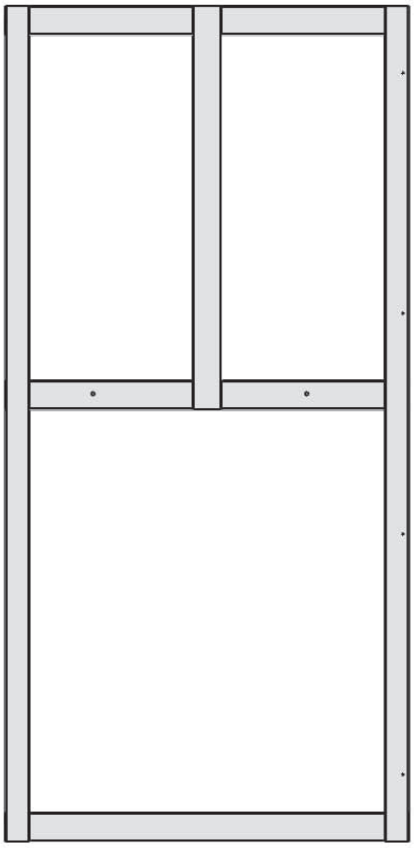
4x - Swing Hanger (9200106)



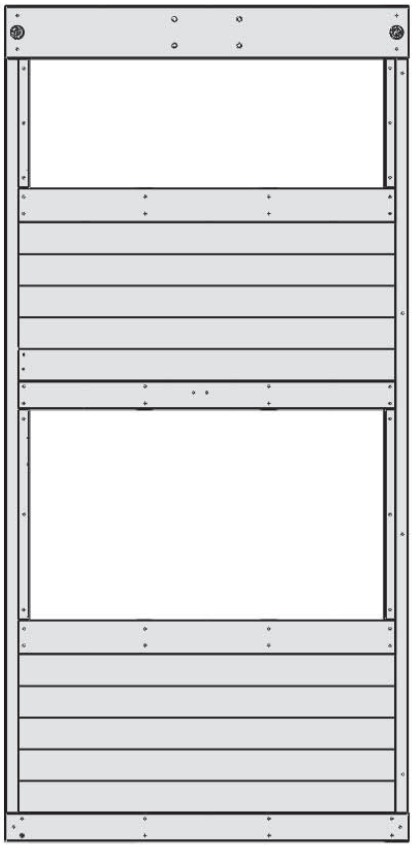
1x - Glider Rope & Chain (4Pk) (3533862)

Part Identification (Reduced Part Size)

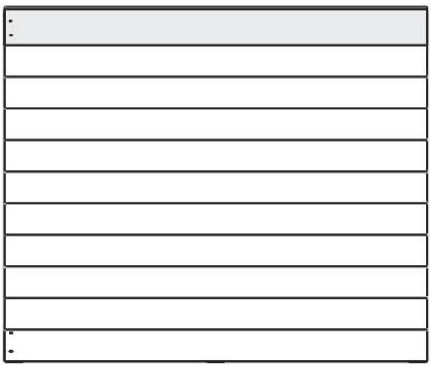
2pc. - 2618 Front Back Panel 1¼ x 42 x 87"
Box 2 - 37632618



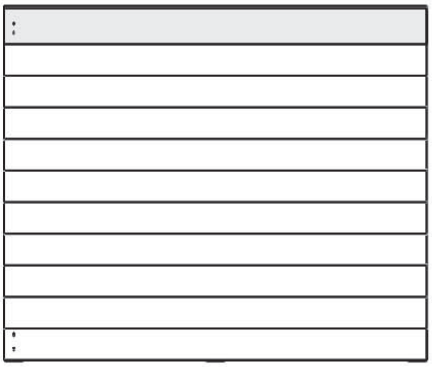
1pc. - 2627
SW Wall Panel 1¼ x 42 x 87"
Box 2 - 37632627



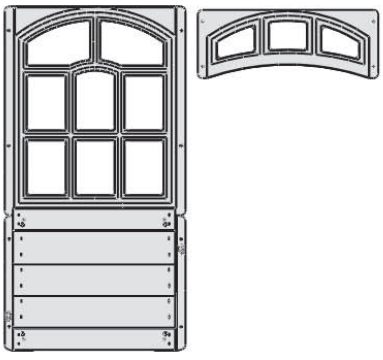
1pc. - 2639
Back Roof Panel 1¼ x 36¾ x 44"
Box 2 - 37632639



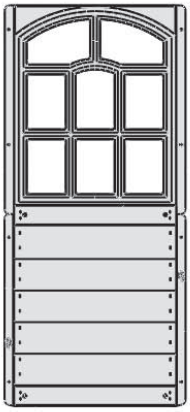
1pc. - 2644
Front Roof Panel 1¼ x 37 x 44"
Box 2 - 37632644



2pc. - 2655
Upper Window Insert
1.27 x 18.8 x 35.86"
Box 2 - 37632655



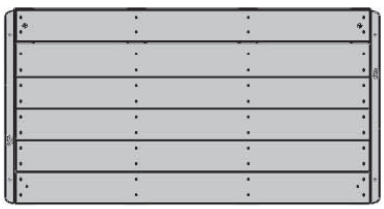
1pc.
MOD 3 Pane Transom (2Pk)
Box 1 - 3320138



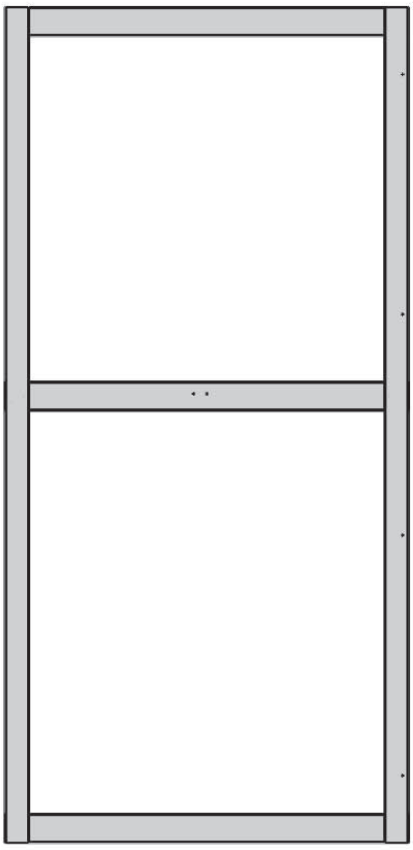
2pc. - 649A
Short Half Wall - 1.27 x 18.8 x 20-15/16"
Box 2 - 37632649A

1pc. - 2649
Lower Window Insert
1.27 x 18.8 x 41.91"
Box 2 - 37632649

1pc. - 2665
Half Wall Insert - 1.4 x 20¼ x 38.8"
Box 2 - 37632665



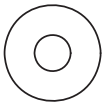
1pc. - 2622
End Panel Assembly 1¼ x 42 x 87"
Box 2 - 37632622



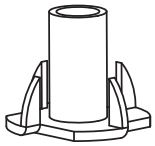
Hardware Identification (Actual Size)

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

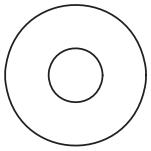
5pc. (FW0) - 3/16" Flat Washer - (51103100)



10pc. [TN1] - 1/4" T - Nut (54503200)

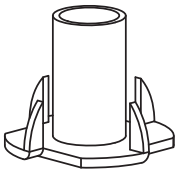


12pc. (FW1) - 1/4" Flat Washer - (51103200)

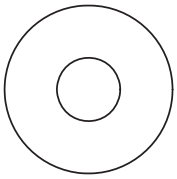


15pc. (LW1) - 1/4" Lock Washer - (51303200)

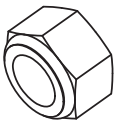
8pc. [TN2] - 5/16" T- Nut - (54503300)



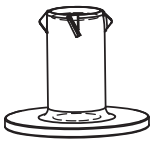
66pc. (FW2) - 5/16" Flat Washer - (51103300)



29pc. (LN2) - 5/16" Lock Nut - (54303300)

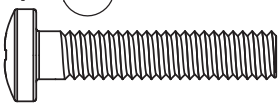


5pc. [BN1] - 1/4" Barrel Nut - (54803200)

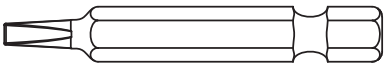


8pc. (FW3) - #8 Flat Washer - (51003500)

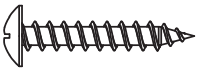
5pc. (PB2) - Pan Bolt 1/4 x 1-1/4" - (53433212)



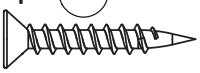
1pc. [D4] - 2 x 2 Robertson Driver Bit - (9200014)



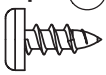
69pc. (S0) - Truss Screw #8 x 7/8" - (52933505)



4pc. (S18) - Wood Screw #6 x 1" - (52013910)

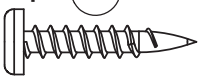


20pc. (S5) - Pan Screw #8 x 1/2" - (52433502)



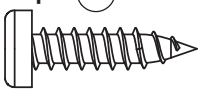
77pc. (S2) - Wood Screw #8 x 1-1/2" - (52043512)

5pc. (S10) - Pan Screw #8 x 1" - (52433510)



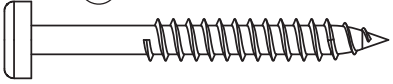
28pc. (S11) - Wood Screw #8 x 2" - (52043520)

2pc. (S6) - Pan Screw #12 x 1" - (52433610)



14pc. (S3) - Wood Screw #8 x 2-1/2" - (52043522)

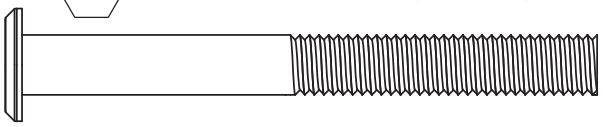
13pc. (S7) - Pan Screw #12 x 2" - (52433620)



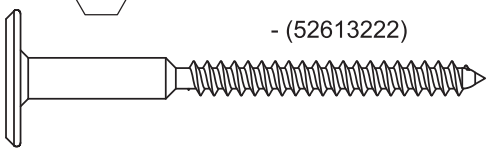
12pc. (S4) - Wood Screw #8 x 3" - (52043530)

Hardware Identification (Actual Size) Box 1,2 of 6

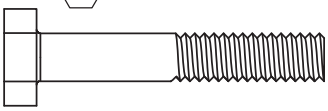
3pc. WB7 - Wafer Bolt 5/16 x 3" - (53613330)



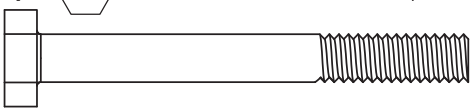
16pc. WL5 - Wafer Lag 1/4 x 2-1/2" - (52613222)



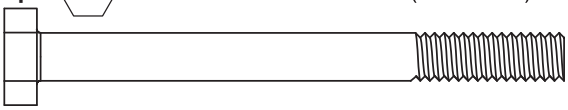
4pc. H1 - Hex Bolt 1/4 x 1-1/2" - (53703212)



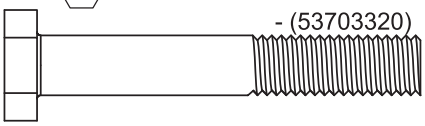
2pc. H10 - Hex Bolt 1/4 x 2-1/4" - (53703221)



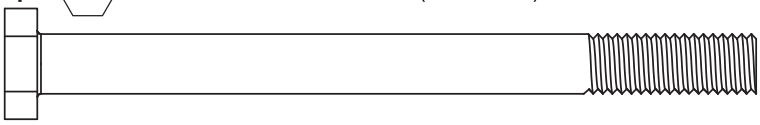
4pc. H11 - Hex Bolt 1/4 x 2-3/4" - (53703223)



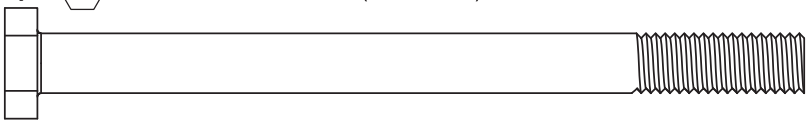
4pc. G8 - Hex Bolt 5/16 x 2" - (53703320)



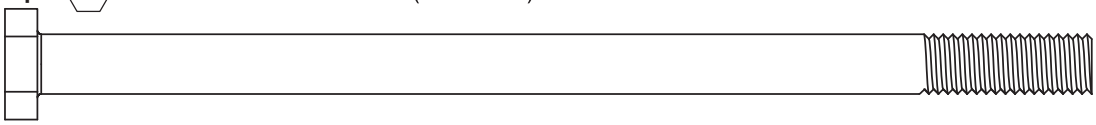
7pc. G21 - Hex Bolt 5/16 x 3-3/4" - (53703333)



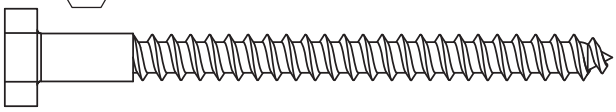
3pc. G4 - Hex Bolt 5/16 x 4" - (53703340)



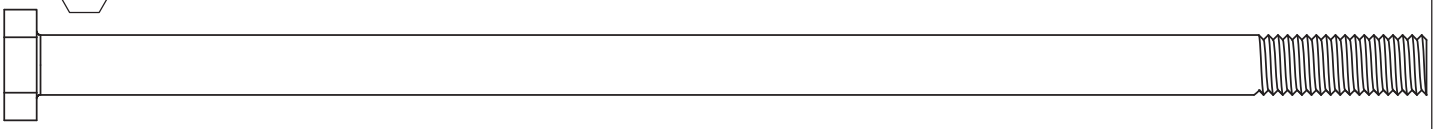
14pc. G7 - Hex Bolt 5/16 x 5-1/2" - (53703352)



2pc. LS3 - Lag Screw 1/4 x 3" - (52213230)

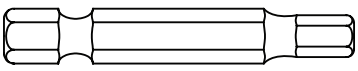


2pc. G25 - Hex Bolt 5/16 x 7-1/4" - (53703371)



(1) - 1/8 x 3 in (3.2 x 76.2mm) - 9300183

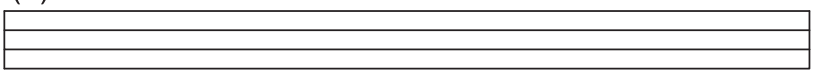
(1) D6 - 3/16" - (9200019) 4.8mm



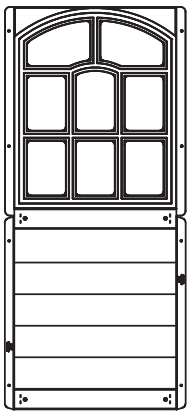
Part Identification **(Reduced Part Size)** Box 3 of 6

(1) Lower Jamb 1¼ x 3 x 41-15/16" **3632601**

2601

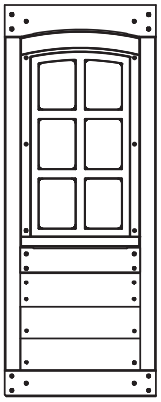


2649



(1) Lower Window Insert
1.27 x 18.8 x 41.9" **37632649**

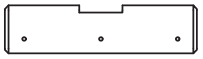
2709



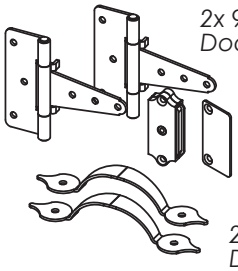
(1) Door Window Panel
1¼ x 15¾ x 40¾" **37602709B**

(1) Door Stop 5/4 x 3 x 10" **3632715**

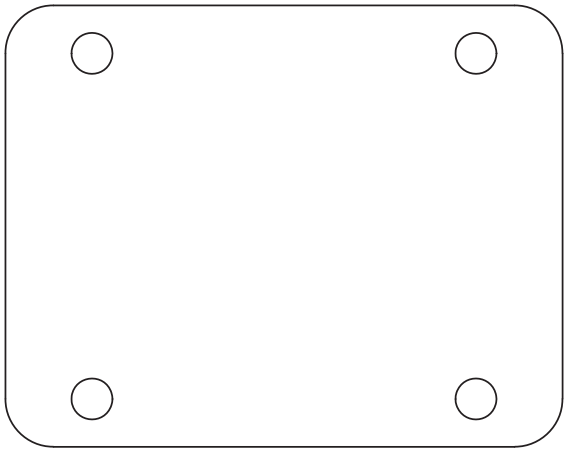
2715



1x - Door Hardware (3201710)

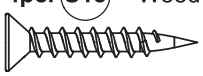


Hardware Identification **(Actual Part Size)** Box 4 of 6

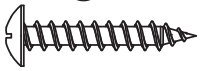


2pc Jamb Mount - (9206300)

4pc. **S18** - Wood Screw #6 x 1" - (52013910)

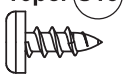


17pc. **S0** - Truss Screw #8 x 7/8" - (52933505)



3pc. **S11** - Wood Screw #8 x 2" - (52043520)

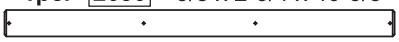
16pc. **S13** - Pan Screw #6 x 5/8" - (52413908)



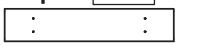
Part Identification (Reduced Part Size) Box 4 of 6

2pc. - 5536 - 5/8 x 2 x 6-3/4" - Counter Side **- 38045536**

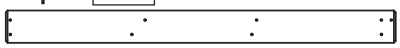
1pc. - 2686 - 5/8 x 2-3/4 x 40-5/8" - Counter Front **- 3632686**



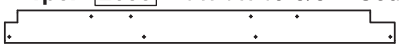
2pc. - 2716 - 1 x 4 x 17-5/8" - Counter Mid Top **- 3632716**



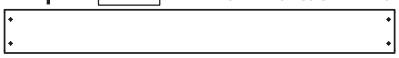
1pc. - 2687 - 1 x 4 x 40-5/8" - Counter Back **- 3632687**



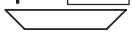
1pc. - 2685 - 1 x 4 x 40-5/8" - Counter Top **- 3632685**



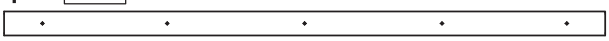
5pc. - 2609 - 1 x 5 x 40-5/8" - Floor Board **- 3632609**



2pc. - 6136 - 1 x 2 x 12-9/16" - Counter Brace **38046136**

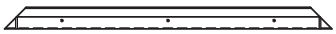


2pc. - 2683 **-** 5/4 x 3 x 62-5/8" - Wall Tie **3632683**



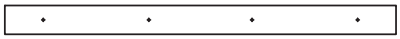
2pc. - 2682 **-** 2 x 2 x 22-1/8" - Short Side Joist **- 3632682**

2pc. - 2680 **-** 1-1/4 x 2-1/4 x 34.10" - Roof Support **- 3632680**



1pc. - 2688 **-** Dormer Cleat 1¼ x 3 x 12¾" **- 3632688**

1pc. - 2608 **-** 1-1/4 x 3 x 40-3/4" - Floor Joist **- 3632608**

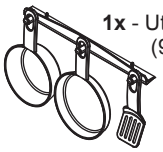


1pc. - 2681 **-** 1-1/4 x 3 x 62-5/8" - Long Floor Joist **- 3632681**

2pc. - 2684 **-** 1-1/4 x 4-7/8 x 7" - Mid Roof End **- 3632684**

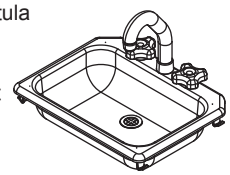
4pc. - 5736 - 1 x 2 x 8 1/4" - Counter Joist **38045736**

1x - Deluxe Kitchen Set (3320969)



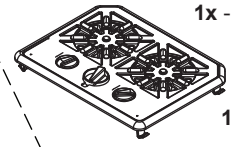
1x - Utensils Shelf (9320791)

1x - Pot Pan Spatula (9320889)



1x - Sink Set (3330908)

1x - Faucet (9320881)
1x - Sink Knob (Red) (9320382)
1x - Sink Knob (Blue) (9320482)
1x - Deep Sink (9320969)

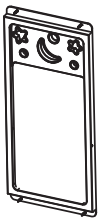


1x - Stove (3320738)

10x - #6 x 10mm Blunt Point Pan Screw (52402902)

8x - Mount Clips (9320088)

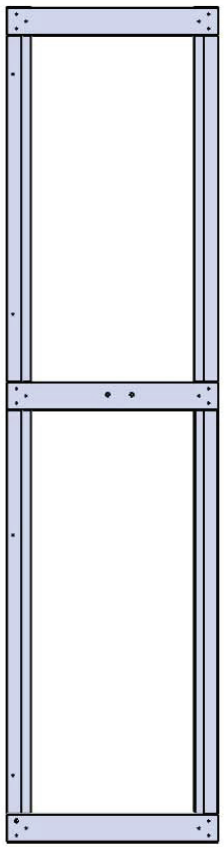
Nominal Size	Actual Size
2 x 2	1-1/2 x 1-1/2
1 x 2	1 x 2
1 x 5	5/8 x 4-1/2
1 x 6	5/8 x 5-3/8
1-1/4 x 3	1-1/4 x 3
1-1/4 x 2-1/4	1-1/4 x 2-1/4
1-1/4 x 4-7/8	1-1/4 x 4-7/8



1x - Sky Chalk Wall (3320217)

1x - Flag and Pole (2pk) (3320632)

1x - Sky Gable (3320212)

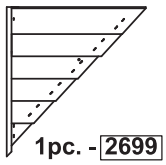


2pc. - 2677
Narrow Panel 1¼ x 22 x 87"
37632677

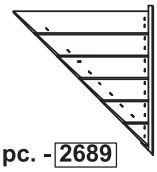
1x - ADD ON C Bracket Set (3204910)

3x - Narrow Angle Bracket (9200632)

4x - Flat Panel Bracket (9200633)

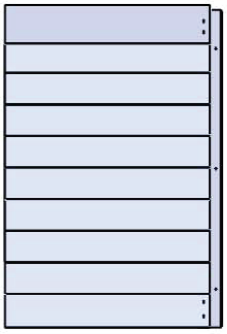


1pc. - 2699
Gable Dormer Rt 1¼ x 14.6 x 22"
37632699

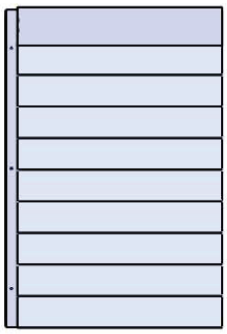


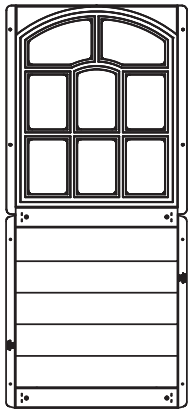
1pc. - 2689
Gable Dormer Lt 1¼ x 14.6 x 22"
37632689

1pc. - 2672
Front Small Roof 1¼ x 22-9/16 x 33-5/8"
37632672

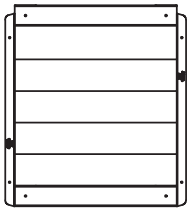


1pc. - 2671
Back Small Roof 1¼ x 22-9/16 x 33-3/8"
37632671





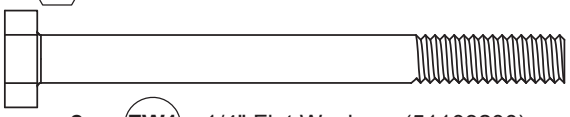
1pc. - 2649
Lower Window Insert
1.27 x 18.8 x 41.91"
37632649



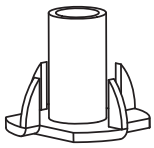
2pc. - 649A
Short Half Wall
1.27 x 18.8 x 20-15/16"
37632649A

Hardware Part Identification(Actual Part Size) Box 4 of 6

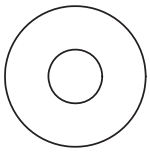
2pc. H11 - Hex Bolt 1/4 x 2-3/4" - (53703223)



2pc. TN1 - 1/4" T - Nut (54503200)

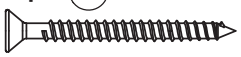


2pc. FW1 - 1/4" Flat Washer - (51103200)



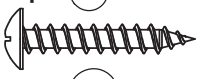
2pc. LW1 - 1/4" Lock Washer - (51303200)

20pc. TS - Trim Screw #6 x 30mm - (52953911)



43pc. S2 - Wood Screw #8 x 1-1/2" - (52043512)

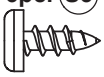
21pc. S0 - Truss Screw #8 x 7/8" - (52933505)



9pc. S10 - Pan Screw #8 x 1" - (52433510)

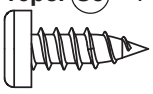
30pc. S11 - Wood Screw #8 x 2" - (52043520)

6pc. S5 - Pan Screw #8 x 1/2" - (52433502)



12pc. S3 - Wood Screw #8 x 2-1/2" - (52043522)

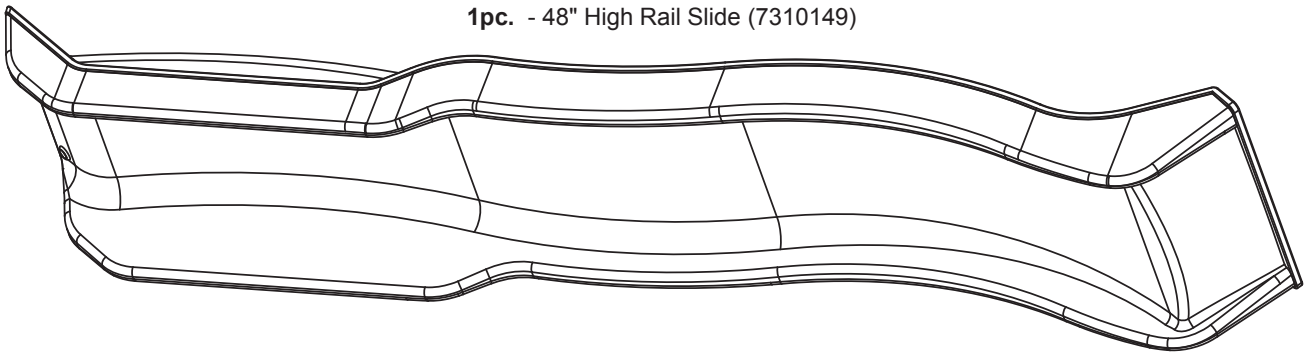
16pc. S8 - Pan Screw #12 x 3/4" - (52433603)



1pc. S4 - Wood Screw #8 x 3" - (52043530)

Part Identification(Reduced Part Size) Box 6 of 6

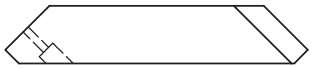
1pc. - 48" High Rail Slide (7310149)



Part Identification **(Reduced Part Size)** Box 5 of 6

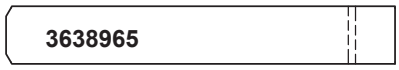
(1) SL Gusset 1¼ x 3 x 15¾"

8934



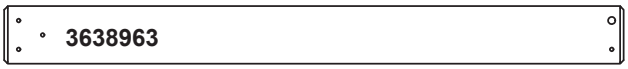
(1) TNR Upright 1¼ x 3 x 20¼"

8965



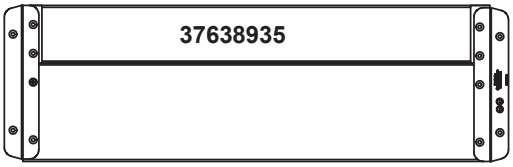
(1) TNR Ground Brace 1¼ x 3 x 32¼"

8963



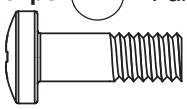
(1) Lower SL Insert 1.36 x 8-1/8 x 26¼"

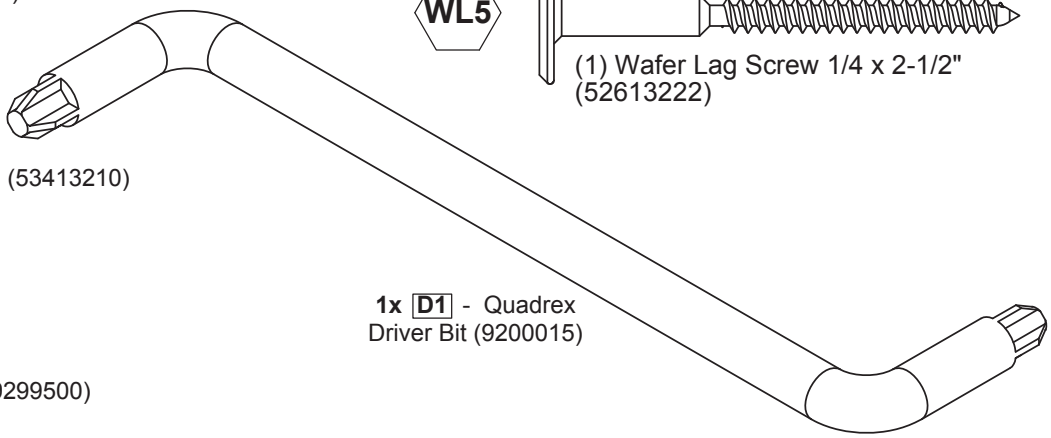
8935



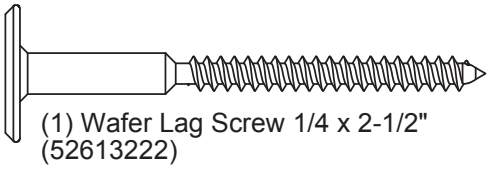
Hardware Identification (Actual Part Size)

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



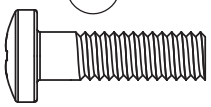


WL5



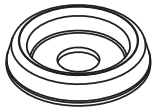
(1) Wafer Lag Screw 1/4 x 2-1/2" (52613222)

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

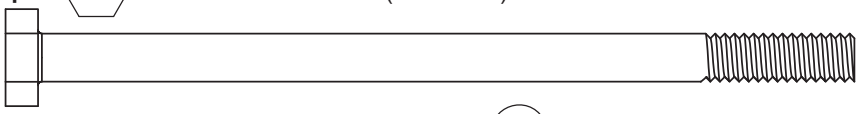


1x D1 - Quadrex Driver Bit (9200015)

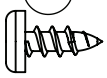
8pc. FW6 - #12 Screw Bezel - (9299500)



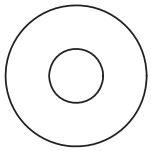
1pc. H8 - Hex Bolt 1/4 x 4¼" - (53703241)



1 pc. S37 - Pan Screw #7 x 5/8" (52433009)



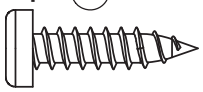
4pc. FW1 - 1/4" Flat Washer - (51103200)



1pc. LW1 - 1/4" Lock Washer - (51303200)

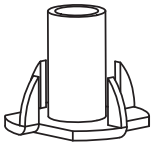
18pc. S0 - Truss Screw #8 x 7/8" - (52933505)

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

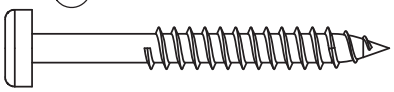


64pc. LN1 - 1/4 Lock Nut - (54303200)

1pc. TN1 - 1/4" T - Nut (54503200)



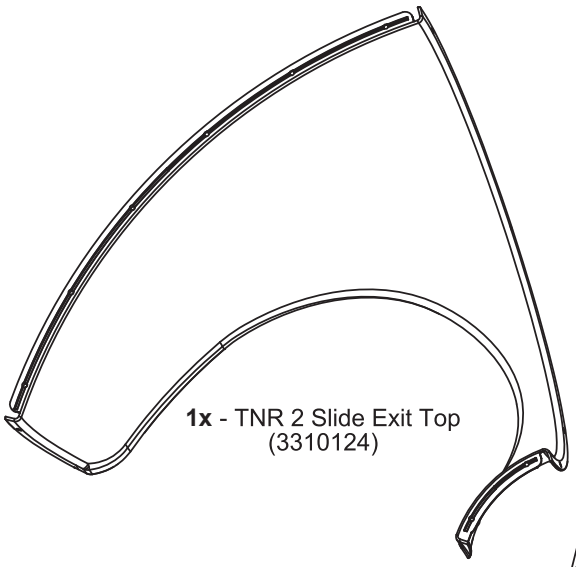
5pc. S7 - Pan Screw #12 x 2" - (52433620)



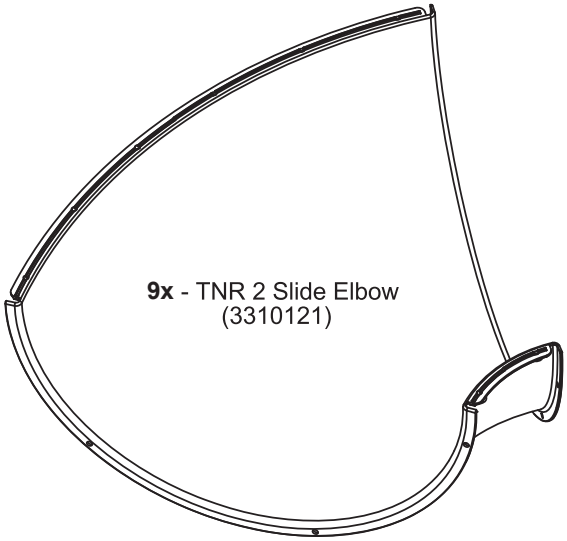
1pc. S4 - Wood Screw #8 x 3" - (52043530)

3pc. S11 - Wood Screw #8 x 2" - (52043520)

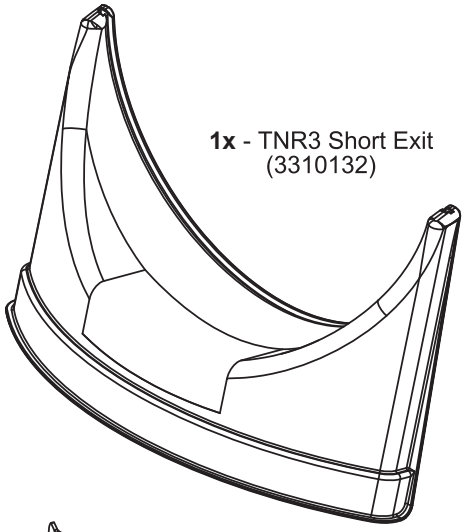
Part Identification **(Reduced Part Size)** Box 5 of 6



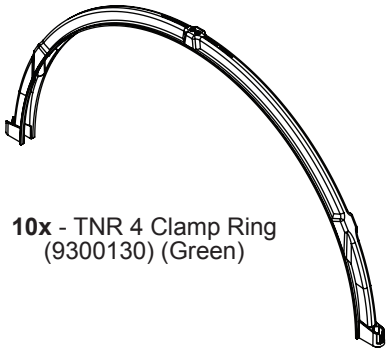
1x - TNR 2 Slide Exit Top
(3310124)



9x - TNR 2 Slide Elbow
(3310121)

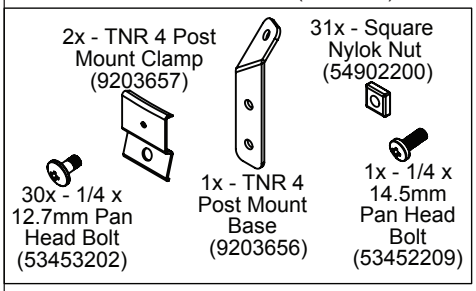


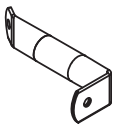
1x - TNR3 Short Exit
(3310132)



10x - TNR 4 Clamp Ring
(9300130) (Green)

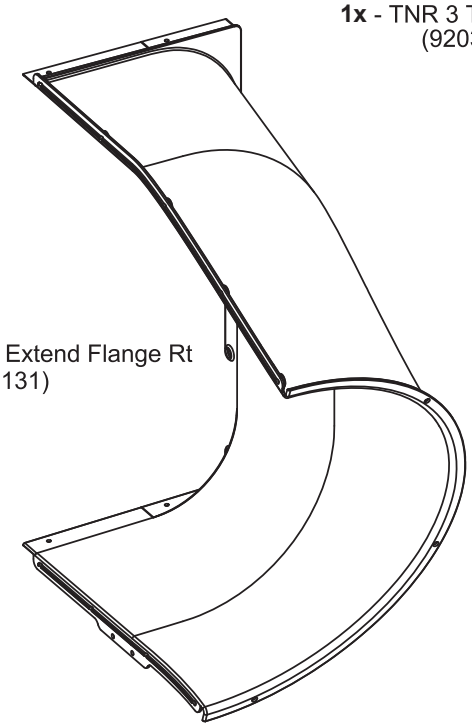
1x - TNR Post Mount Kit (9203655)



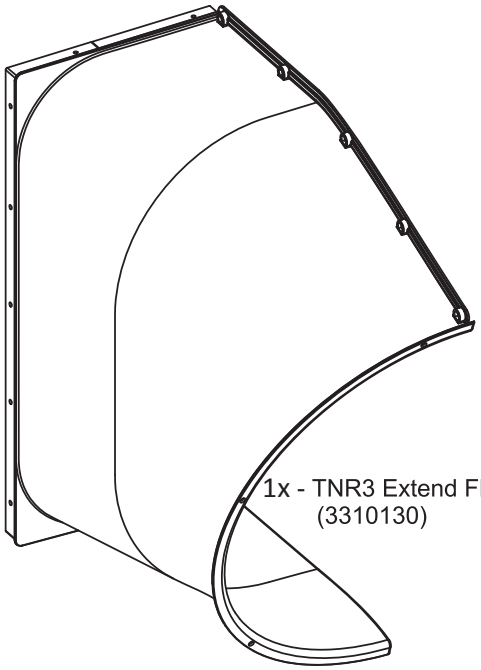


1x - TNR 3 Tube Support
(9203601)

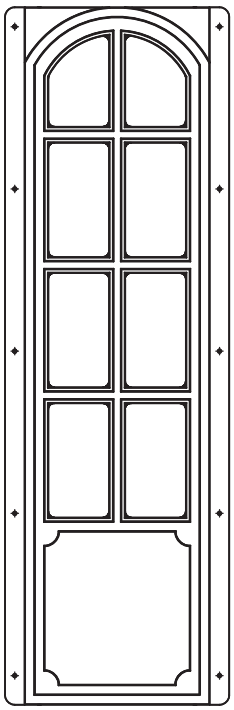
(1) Rebar Ground Stake
9290318



1x - TNR3 Extend Flange Rt
(3310131)

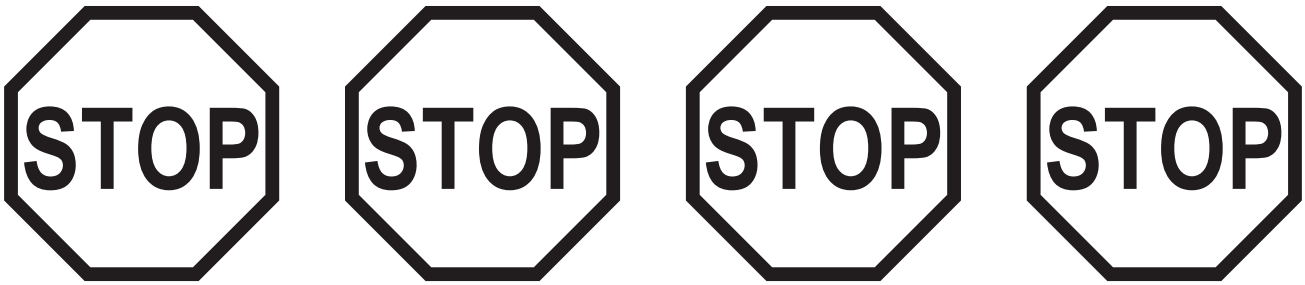


1x - TNR3 Extend Flange Lt
(3310130)



1x - MOD Side Lite
(9320116)

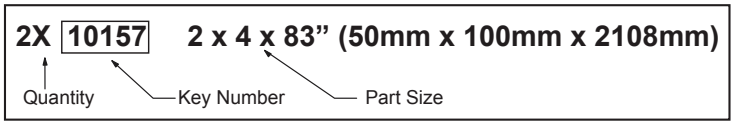
1 Inventory Parts - Read This Before Starting Assembly



Inventory should be completed before starting installation. KidKraft will not cover costs of any additional installation trip due to missing or damaged pieces.

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.



B. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 8.

If there are missing or damaged pieces, please contact the KidKraft Consumer Engagement team before going back to the retailer.

Order Replacement Parts 24/7

You can order replacement parts for this product 24 hours a day / 7 days a week:

Outdoor Swingsets and Playhouse Parts Ordering
https://parts.kidkraft.com/partsorderemail

If you have assembly or product questions, please refer to the front cover for direct contact information for our Consumer Engagement team OR you can also use this QR code with your smartphone for common questions and contact information.

KidKraft Help Center **https://kidkraft.zendesk.com/hc/en-us/**

Step 2: Frame Assembly
Part 1

It is important to assemble the frame on a flat, smooth surface.

A: Place (2627) SW Wall Panel between 2 (2618) Front Back Panels noticing the panel orientations. The tops and bottoms of the panels should be flush. Make sure the panels are square then using the pilot holes as a guide pre-drill with a 1/8" drill bit and fasten the front (2618) Front Back Panel to (2627) SW Wall Panel and (2627) SW Wall Panel to the back (2618) Front Back Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 2.1, 2.2 and 2.3)

Fig. 2.1
Top View

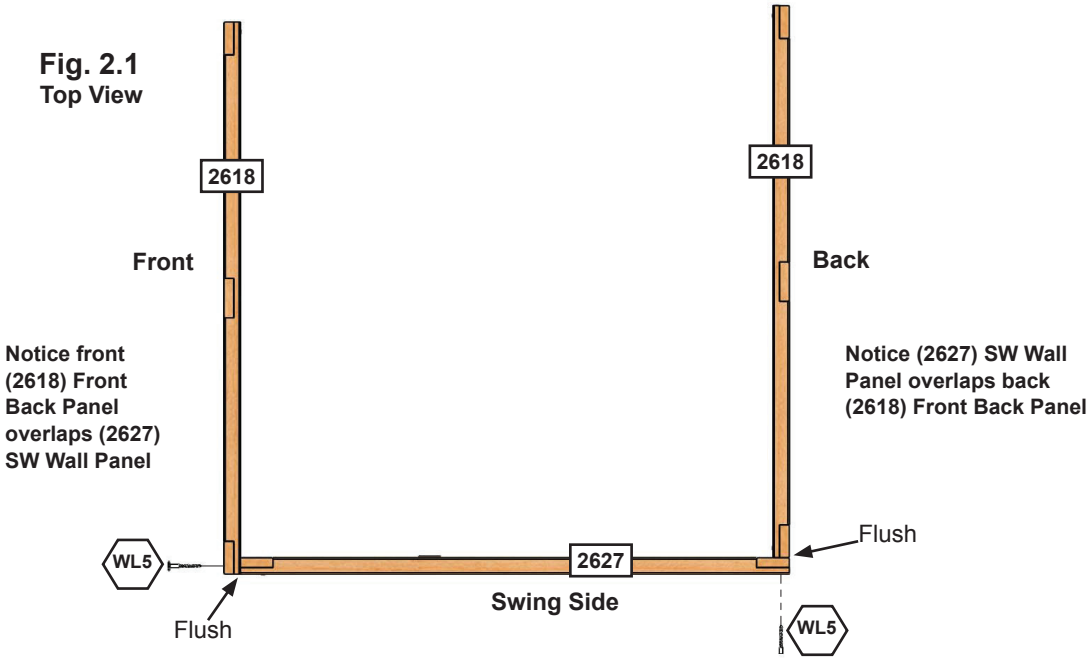


Fig. 2.3

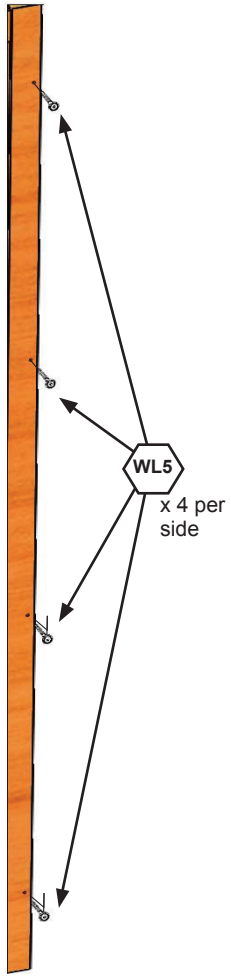
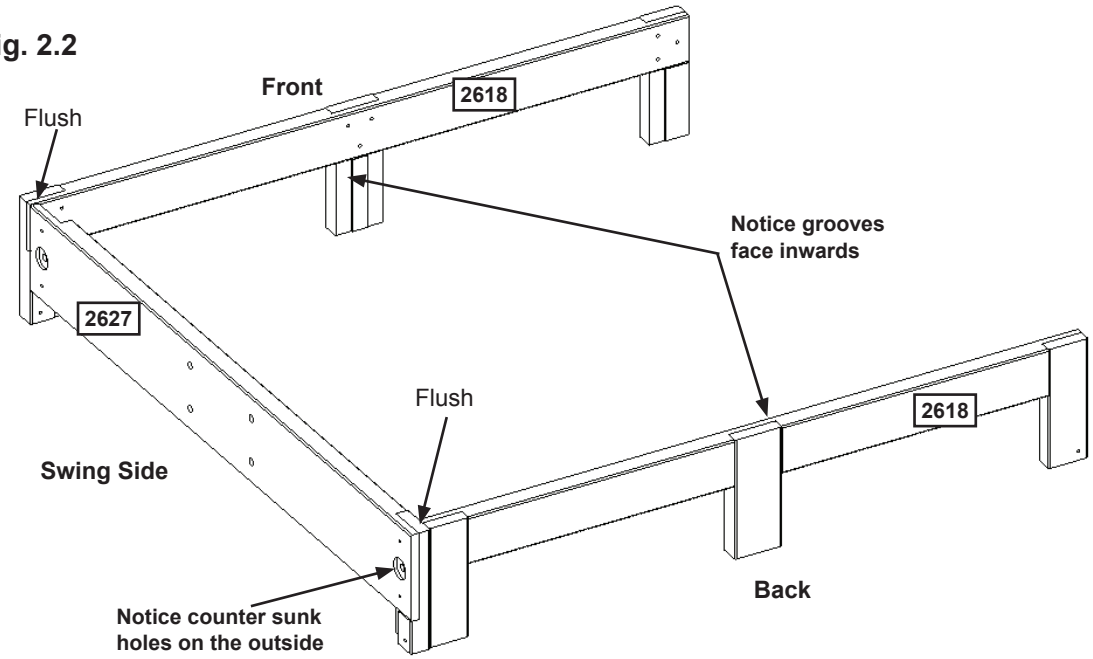


Fig. 2.2



Wood Parts

2 x 2618 Front Back Panel 1-1/4 x 42 x 87"
1 x 2627 SW Wall Panel 1-1/4 x 42 x 87"

Hardware

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

Step 2: Frame Assembly
Part 2

B: Place (2622) End Panel Assembly between 2 (2677) Narrow Panels noticing the panel orientations. The tops and bottoms of the panels should be flush. Make sure the panels are square then using the pilot holes as a guide pre-drill with a 1/8" drill bit and fasten the back (2677) Narrow Panel to (2622) End Panel Assembly and (2622) End Panel Assembly to the front (2677) Narrow Panel with 4 (WL5) 1/4 x 2-1/2" Wafer Lags per side. (fig. 2.4, 2.5 and 2.6)

Fig. 2.4
Top View

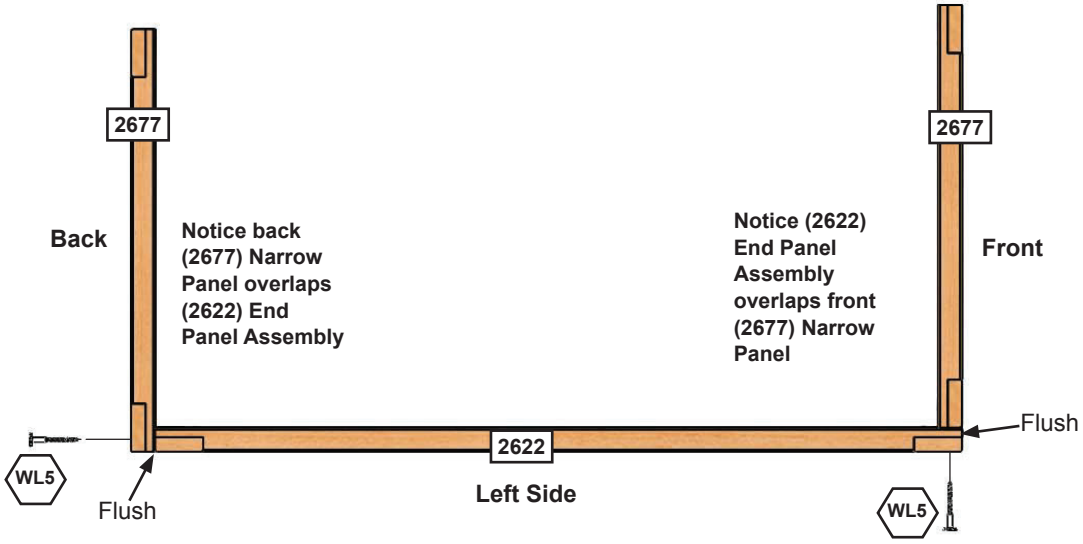


Fig. 2.5

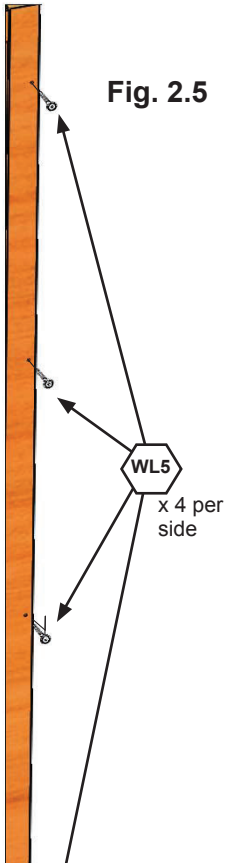
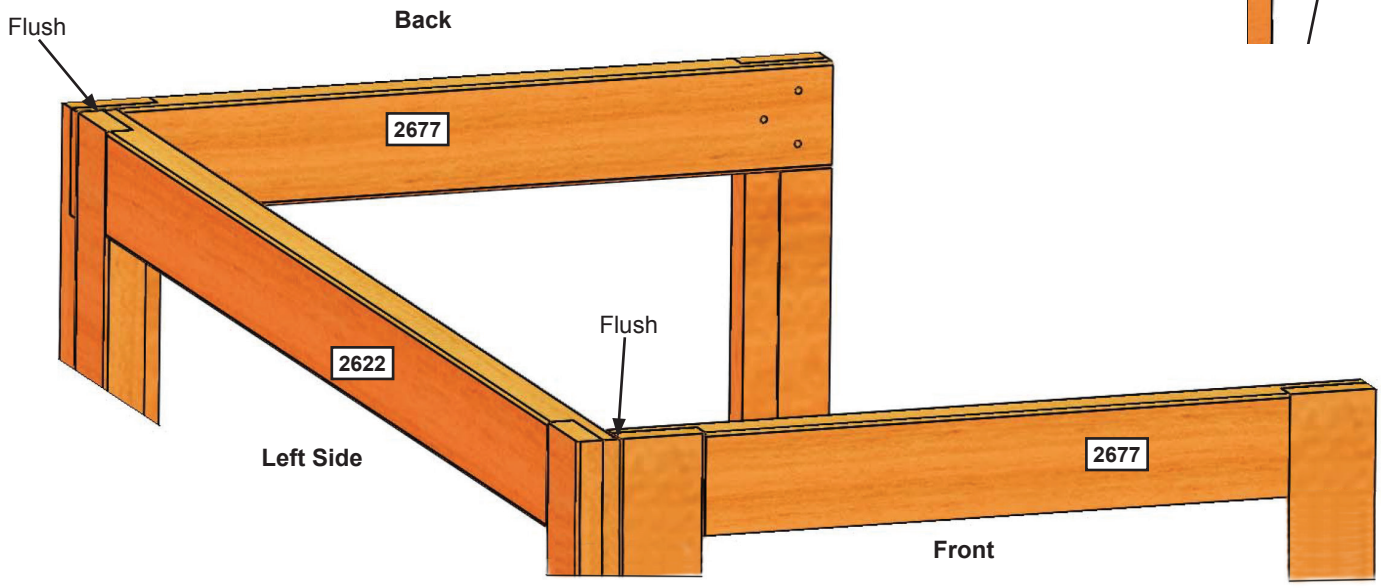


Fig. 2.6



Wood Parts

1 x 2622 End Panel Assembly 1-1/4 x 42 x 87"
2 x 2677 Narrow Panel 1-1/4 x 22 x 87"

Hardware

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

Step 3: Join Frame Assemblies
Part 1

A: With at least two helpers lift the two wall assemblies so the (2618) Front Back Panels meet and are tight to the (2677) Narrow Panels as shown in fig. 3.1.

B: Make sure the assembly is square then on the inside of the assembly, tight to (2622) End Panel Assembly and flush to the bottom of the panels attach 1 (2608) Floor Joist to (2677) Narrow Panel and (2618) End Panel Assembly on the front and back walls with 4 (S11) #8 x 2" Wood Screws per board. (fig. 3.1 and 3.2)

Fig. 3.1

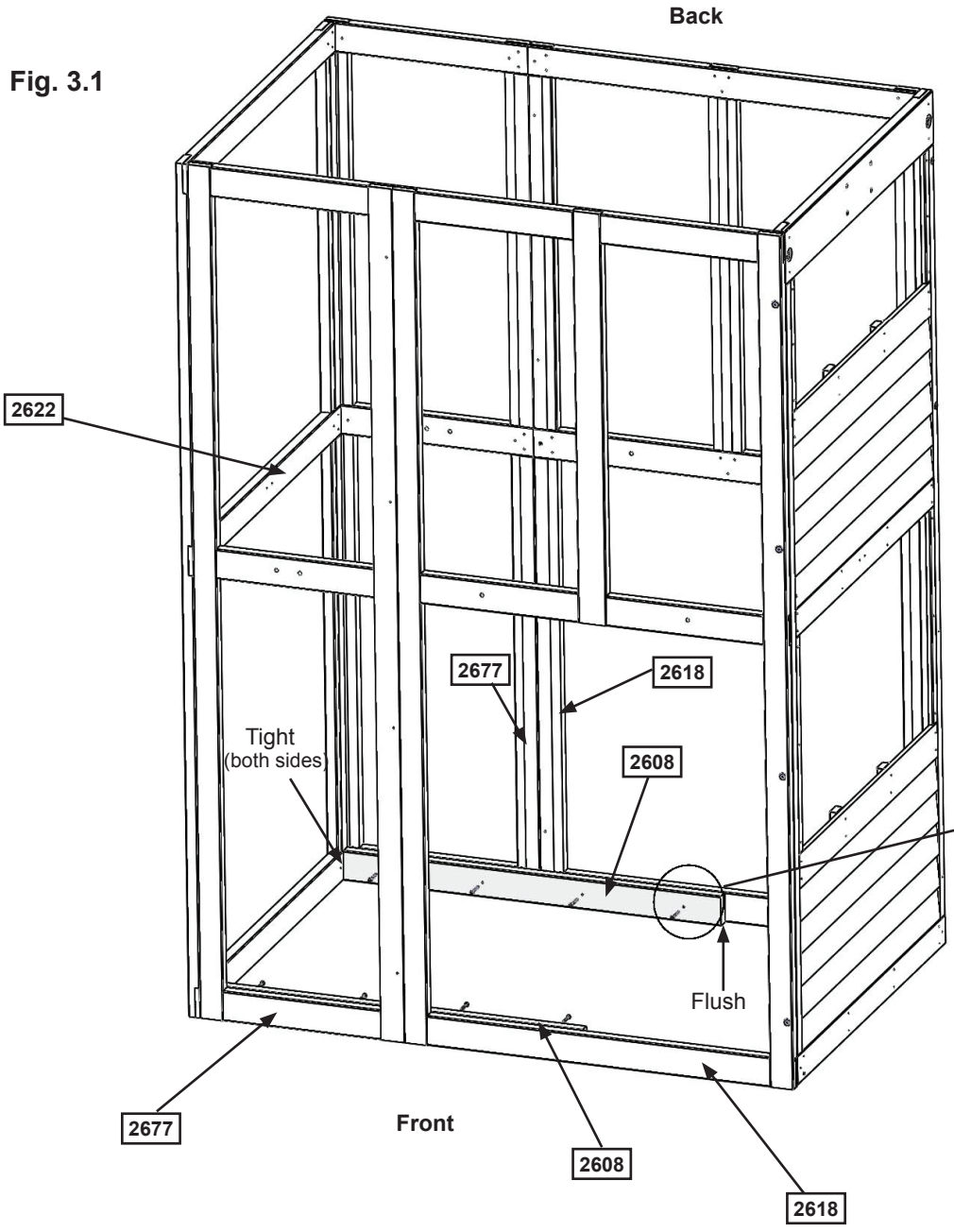
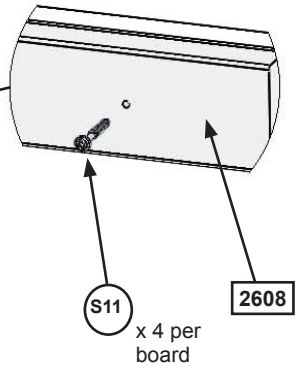
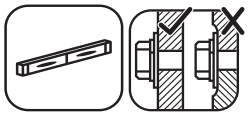


Fig. 3.2



Wood Parts	Hardware
2 x 2608 Floor Joist 1-1/4 x 3 x 40-3/4"	8 x S11 #8 x2" Wood Screw

Step 3: Join Frame Assemblies Part 2



C: On the Back Wall, from inside the assembly, tight to (2622) End Panel Assembly, halfway up the assembly attach 1 (2610) Side Joist to (2677) Narrow Panel and (2618) Front Back Panel with 2 (H11) 1/4 x 2-3/4" Hex Bolts (with lock washer, flat washer and t-nut). Bolts are installed from inside the assembly. Make sure (2610) Side Joist is level then attach with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 3.3 and 3.4)

D: Tight to (2610) Side Joist attach (2682) Short Side Joist to (2618) End Panel Assembly with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut). Bolt is installed from inside the assembly. Make sure (2682) Short Side Joist is level and flush to the top of (2610) Side Joist then attach with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 3.3 and 3.4)

E: Repeat C and D for the Front Wall. (fig. 3.3 and 3.4)

Fig. 3.3

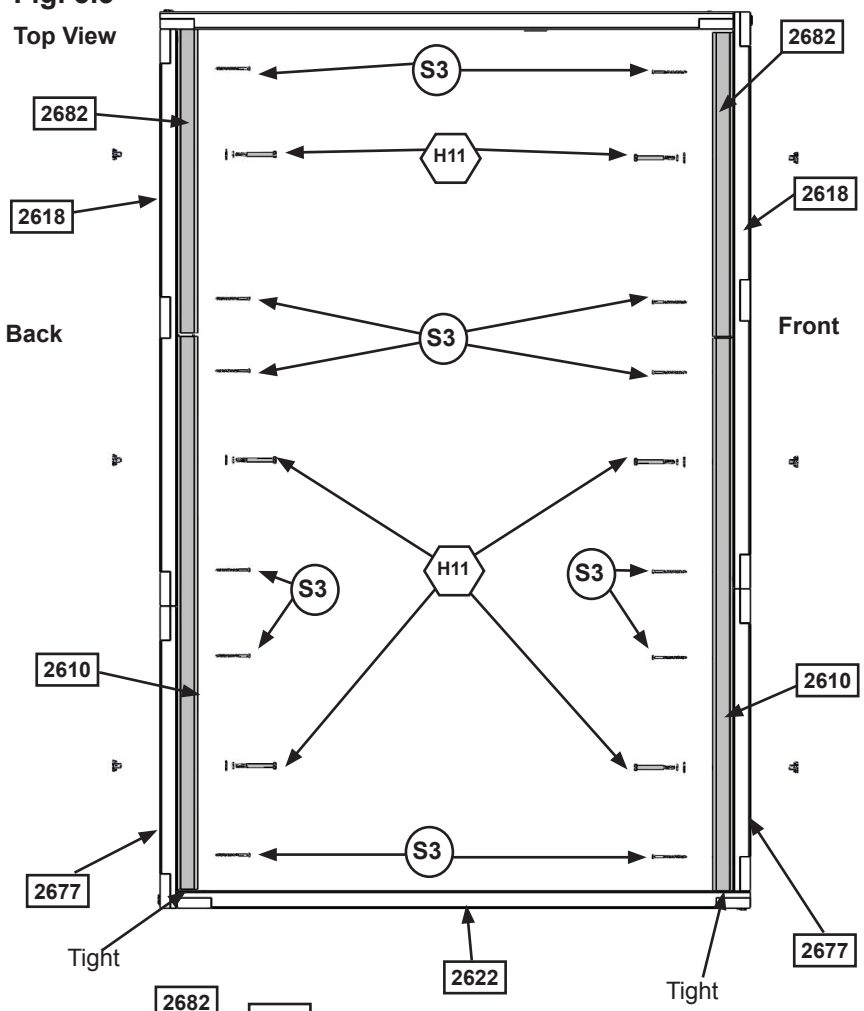
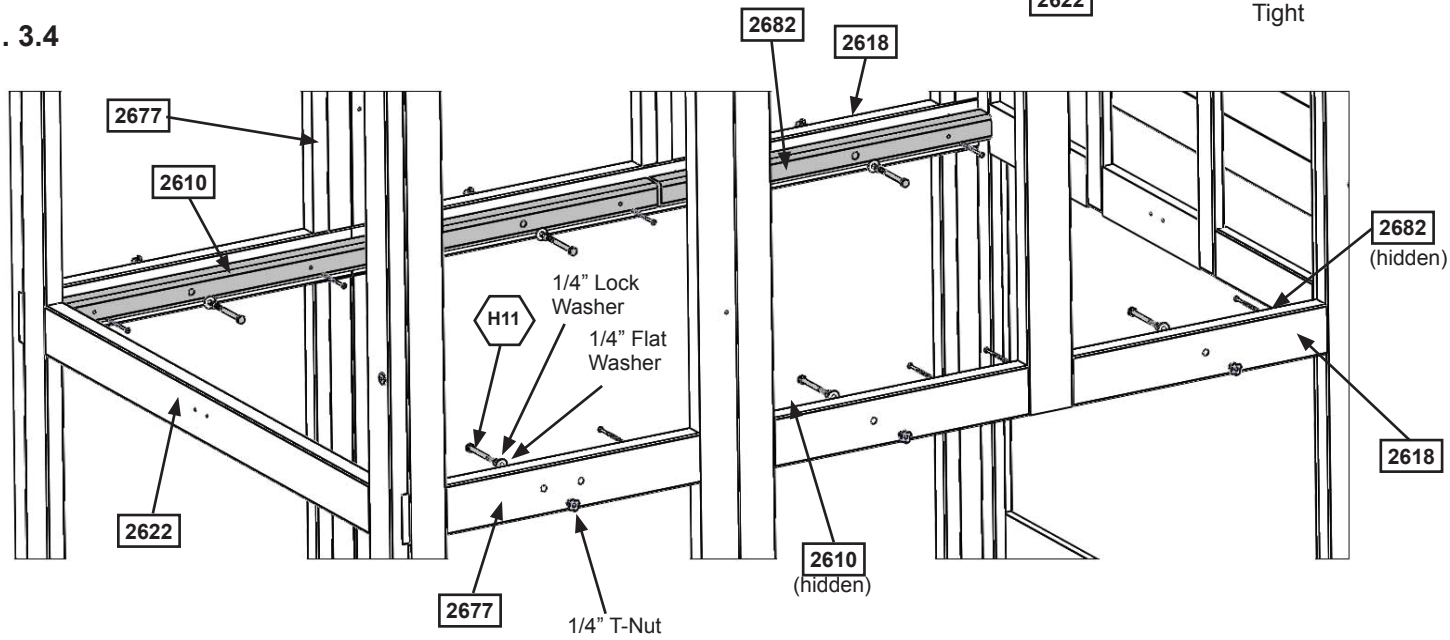


Fig. 3.4



Wood Parts

2 x 2610 **Side Joist 2 x 2 x 40-1/4"**

2 x 2682 **Short Side Joist 2 x 2 x 22-1/8"**

Hardware

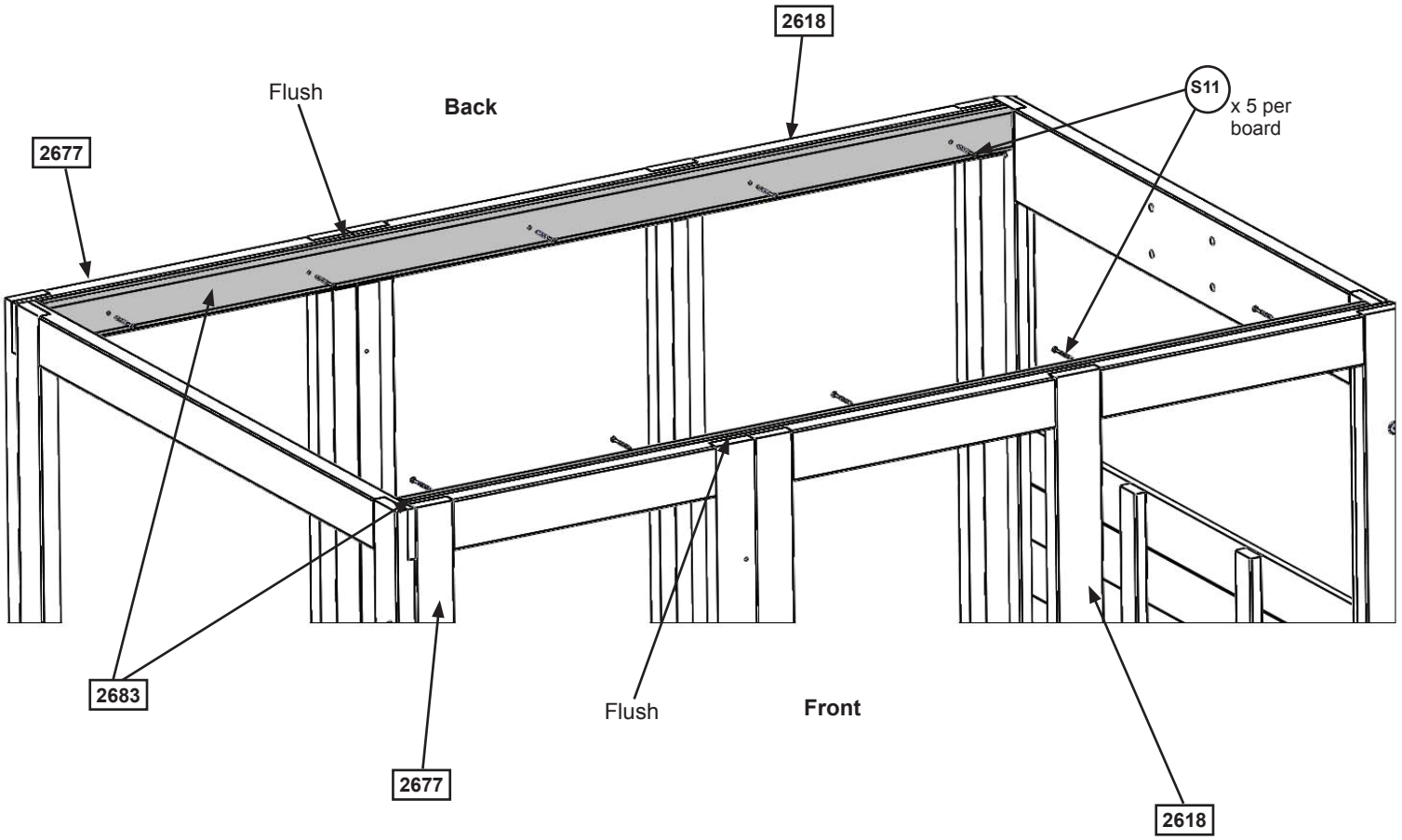
12 x S3 **#8 x 2-1/2" Wood Screw**

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

Step 3: Join Frame Assemblies
Part 3

F: From inside the assembly, flush to the top of the assembly attach 1 (2683) Wall Tie to (2677) Narrow Panel and (2618) Front Back Panel on both the front and back walls with 5 (S11) #8 x 2" Wood Screws per board. (fig. 3.5)

Fig. 3.5



Wood Parts

2 x 2683 Wall Tie 5/4 x 3 x 62-5/8"

Hardware

10 x S11 #8 x 2" Wood Screw

Step 3: Join Frame Assemblies
Part 4

G: On the inside of the assembly attach (2677) Narrow Panel to (2618) Front Back Panel on both the front and back walls using 2 Flat Panel Brackets per wall in the places shown with 4 (S8) #12 x 3/4" Pan Screws per bracket. (fig. 3.6 and 3.7)

Fig. 3.6

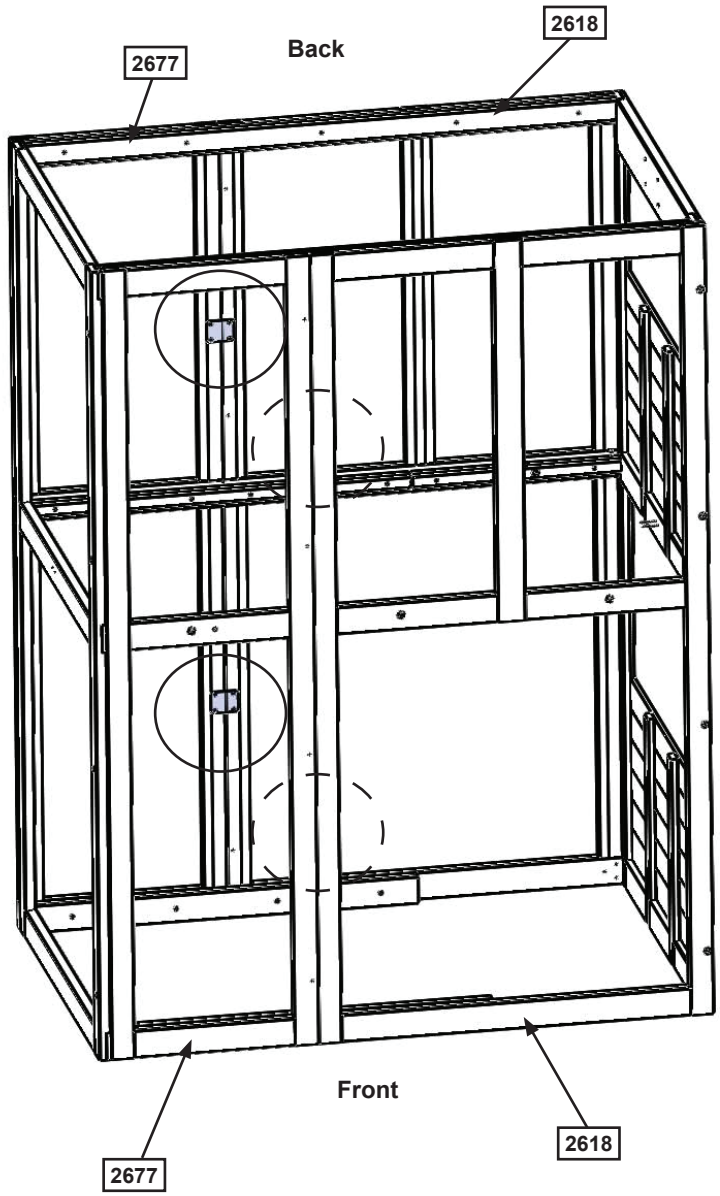
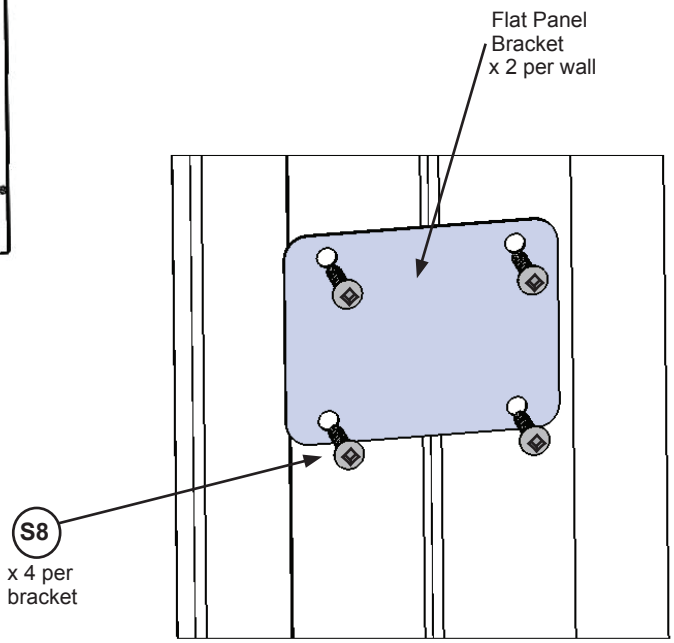


Fig. 3.7
Inside View



Hardware

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

Other Parts

4 x Flat Panel Bracket

Step 4: Floor Assembly
Part 1

A: From inside of the assembly centre (2681) Long Floor Joist over pilot holes in (2622) End Panel Assembly and (2627) SW Wall Panel, 5/8" down from the top of boards then attach (2681) Long Floor Joist to each panel with 2 (S4) #8 x 3" Wood Screws per end. (fig.4.1, 4.2 and 4.3)

Fig. 4.1
Top View

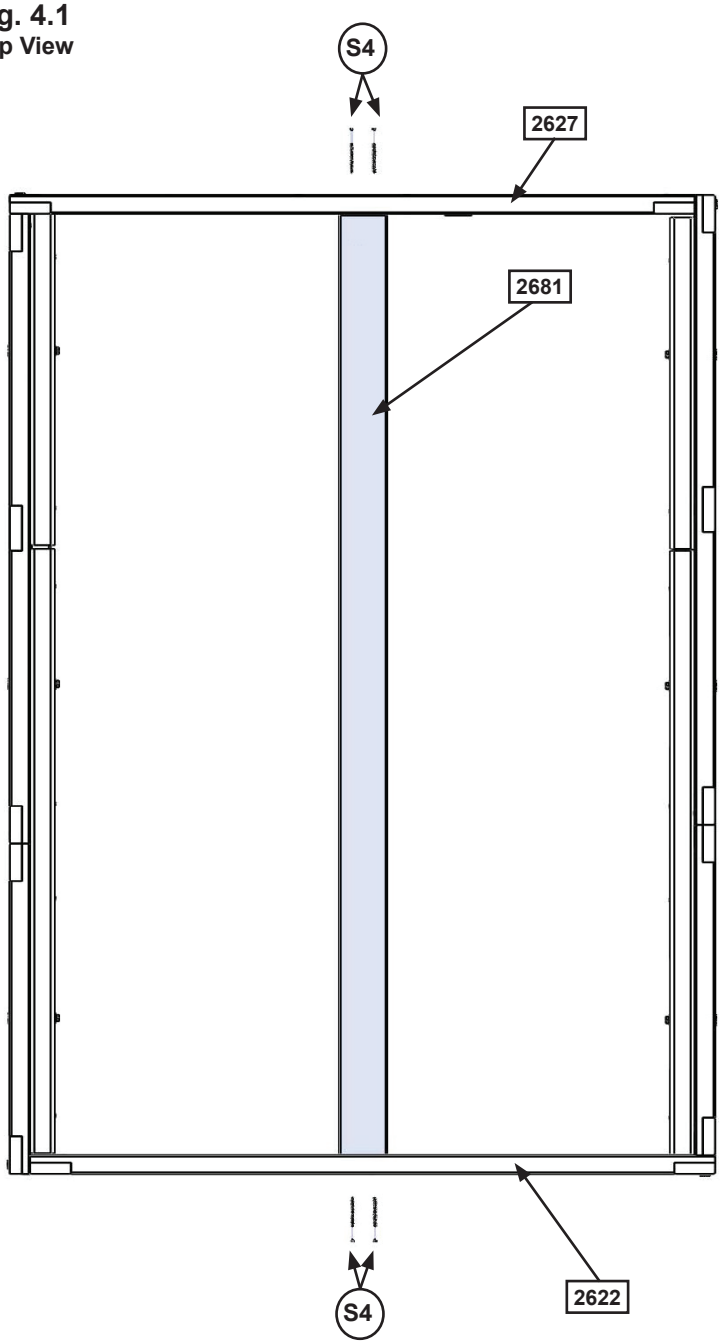


Fig. 4.2

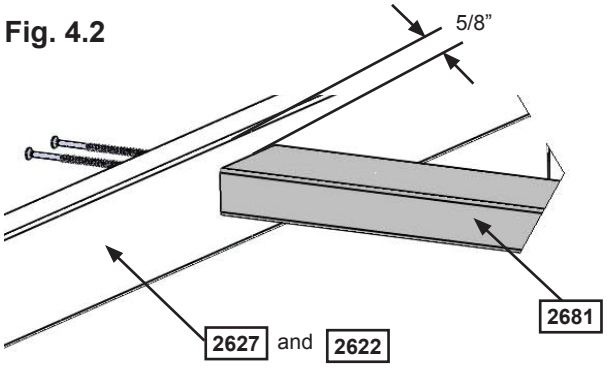
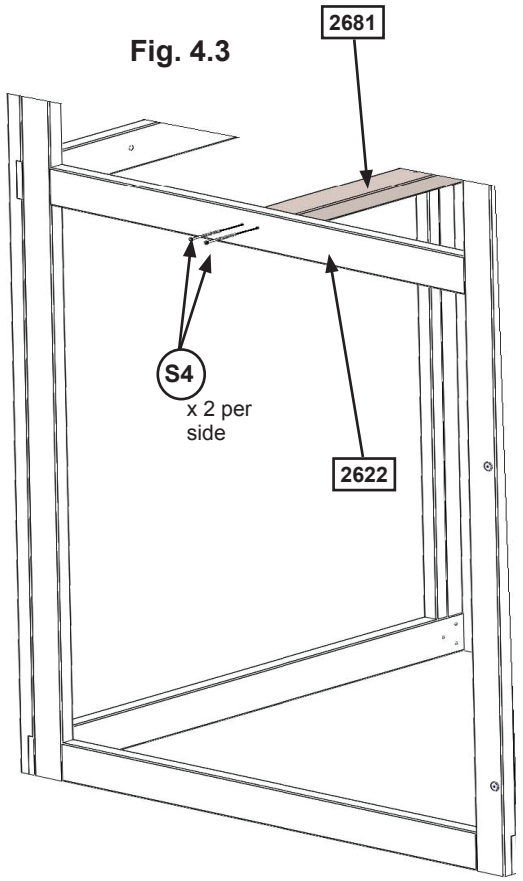


Fig. 4.3



Wood Parts

1 x 2681 Long Floor Joist 1-1/4 x 3 x 62-5/8"

Hardware

4 x S4 #8 x 3" Wood Screw

Step 4: Floor Assembly
Part 2

B: Starting at (2627) SW Wall Panel place 4 (2609) Floor Boards followed by 1 (2648) Floor Board then the remaining 9 (2609) Floor Boards. Make sure all boards are evenly spaced then attach to (2681) Long Floor Joist and each (2610) Side Joist and (2682) Short Side Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 4.4 and 4.5)

Fig. 4.4
Top View

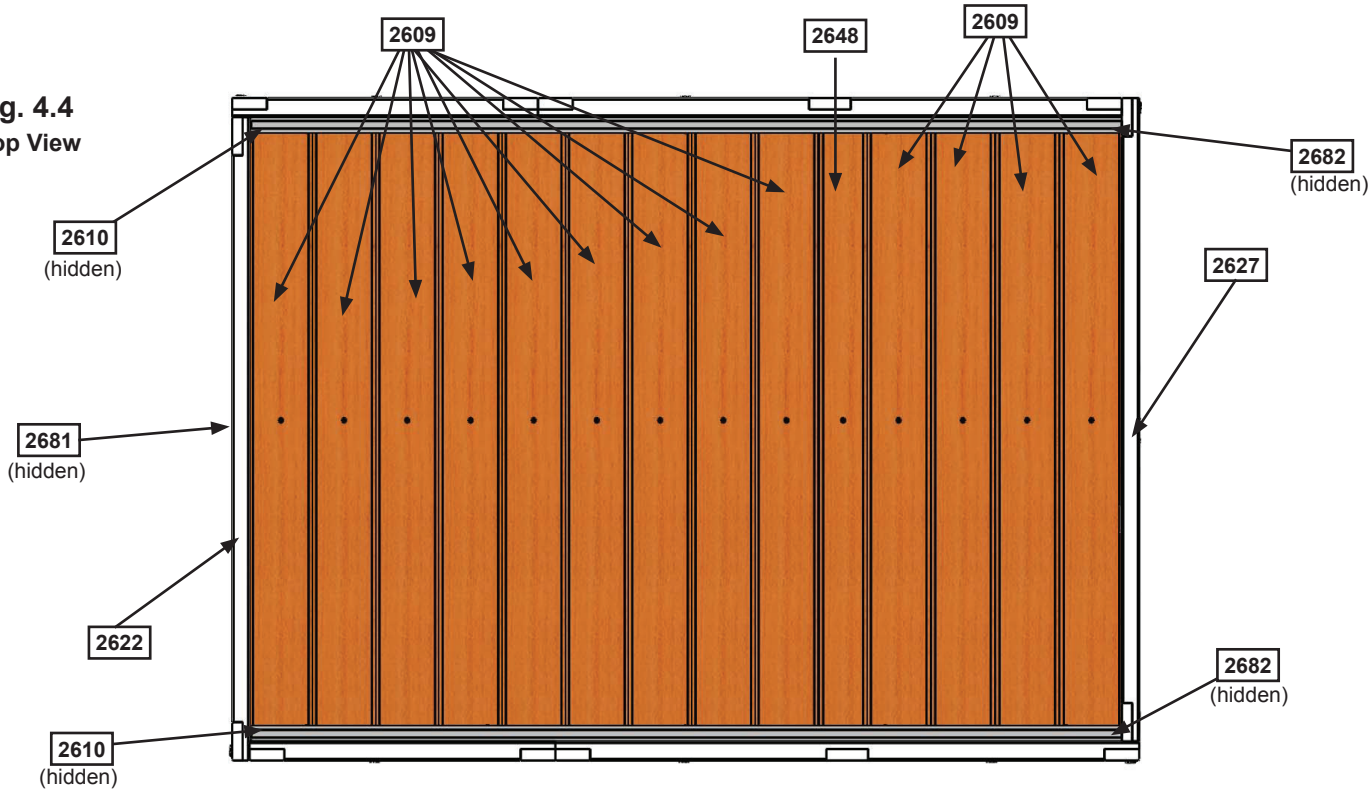
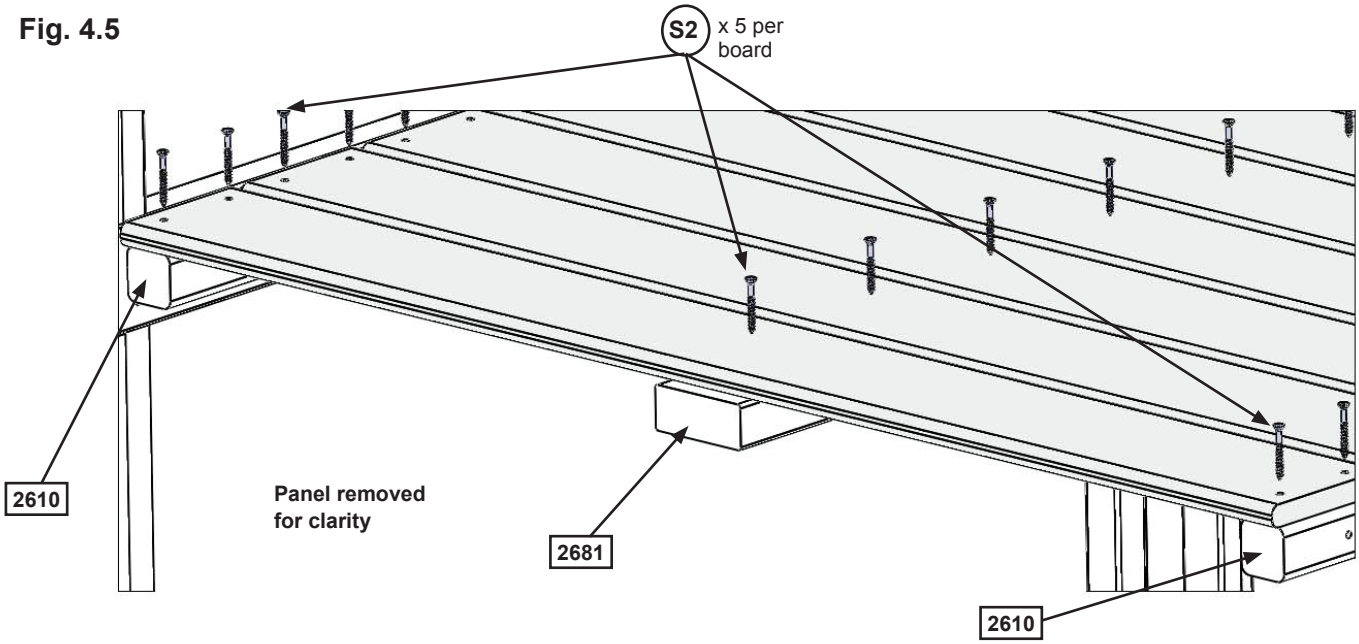


Fig. 4.5



Wood Parts

1 x 2648 Floor Board 1 x 4 x 40-5/8"
13 x 2609 Floor Board 1 x 5 x 40-5/8"

Hardware

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

Step 5: Attach SW Ground and Diagonal

A: Loosely attach 1 (2606) SW Ground to each (2607) Diagonal with 1 (H10) 1/4 x 2-1/4" Hex Bolt (with lock washer, flat washer and t-nut) per board then place each (2607) Diagonal tight and flush to the front of (2627) SW Wall Panel. (2606) SW Grounds to be flush to the bottom of (2627) SW Wall Panel. (fig. 5.1 and 5.2)

B: Pre-drill pilot hole with a 1/8" drill bit then attach each (2607) Diagonal to (2627) SW Wall Panel with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per board, checking that they remain flush to outside edge. (fig. 5.1 and 5.2)

C: Make sure bottom of each (2606) SW Ground is flush to bottom of (2627) SW Wall Panel then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw per board. Tighten all bolts. (fig. 5.1 and 5.2)

Fig. 5.1

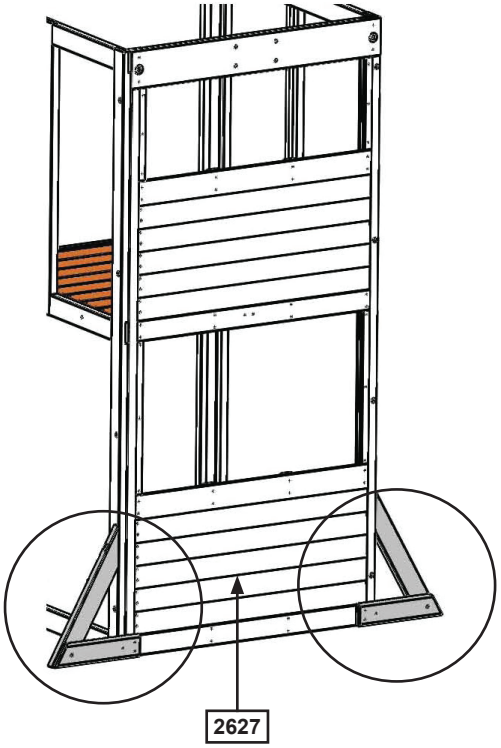
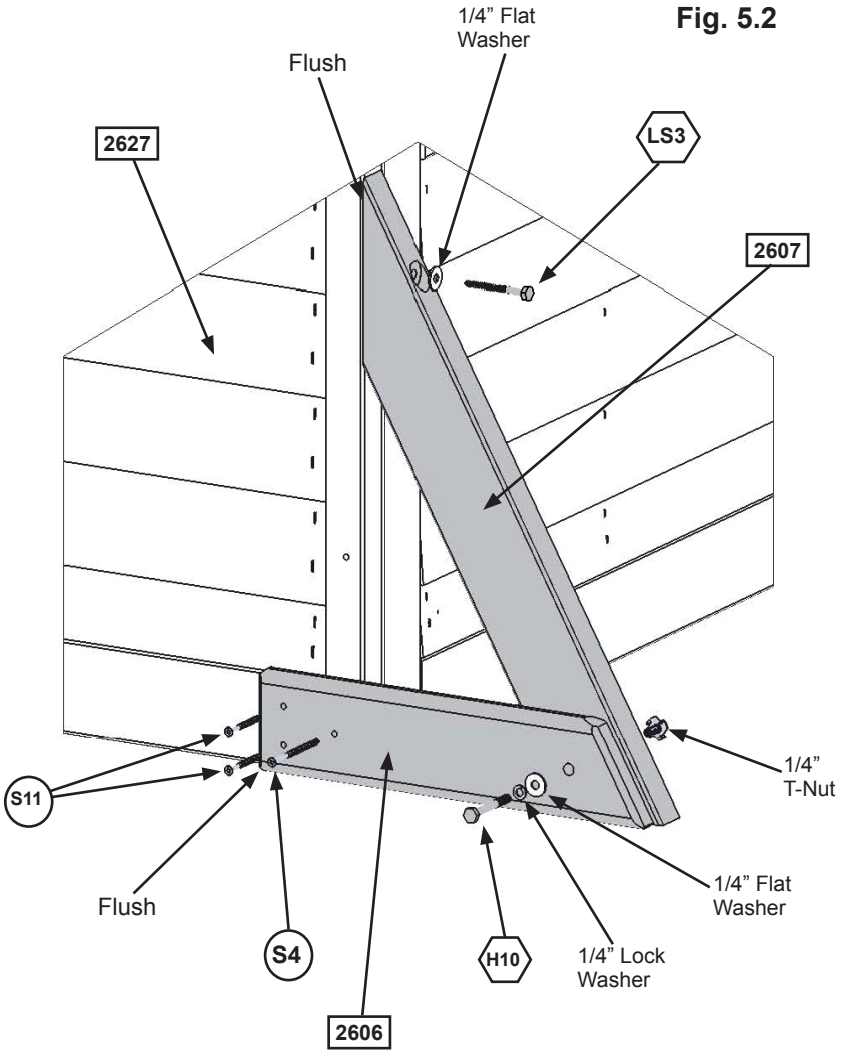


Fig. 5.2



Wood Parts

2 x 2606 **SW Ground 5/4 x 4 x 14-1/4"**
2 x 2607 **Diagonal 1-1/4 x 3 x 22"**

Hardware

2 x H10 **1/4 x 2-1/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
2 x LS3 **1/4 x 3" Lag Screw (1/4" flat washer)**
2 x S4 **#8 x 3" Wood Screw**
4 x S11 **#8 x 2" Wood Screw**

Step 6: Swing Beam Assembly

A: Attach 4 Swing Hangers to Fort End of (2614) Engineered Beam and 2 Glider Hangers to the Glider End using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with 2 flat washers and 1 lock nut) per Swing Hanger and Glider Hanger, as shown in fig. 6.1.

B: Flush to the Fort End of (2614) Engineered Beam attach 2 L-Beam Brackets with 2 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 6.2)

C: Install 1 (WB7) 5/16 x 3" Wafer Bolt (with flat washer and t-nut) in the middle bolt hole in (2614) Engineered Beam as shown in fig. 6.3. **IT IS IMPORTANT THAT THIS BOLT IS ATTACHED. IT WILL MINIMIZE CHECKING OF WOOD.**

D: Attach KidKraft Plaque to centre of (2614) Engineered Beam (over top of t-nut) using 4 (S18) #6 x 1" Wood Screws. (fig. 6.4)

Fig. 6.1

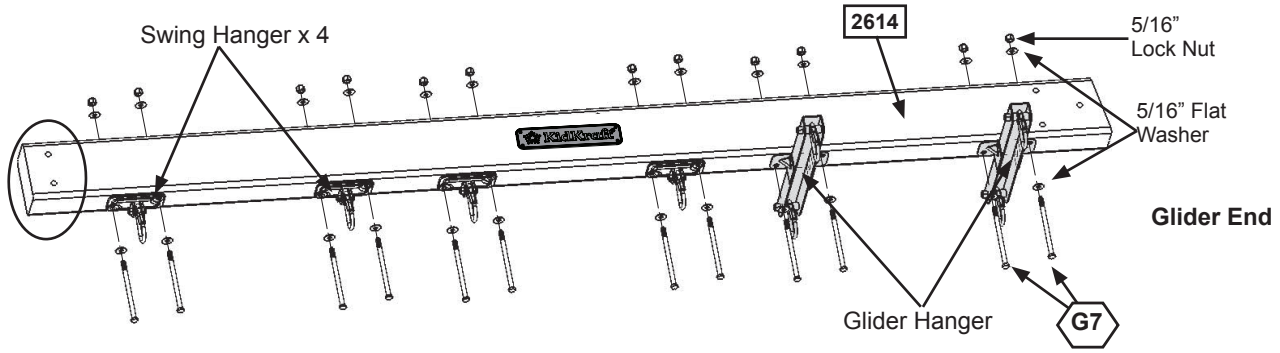


Fig. 6.2

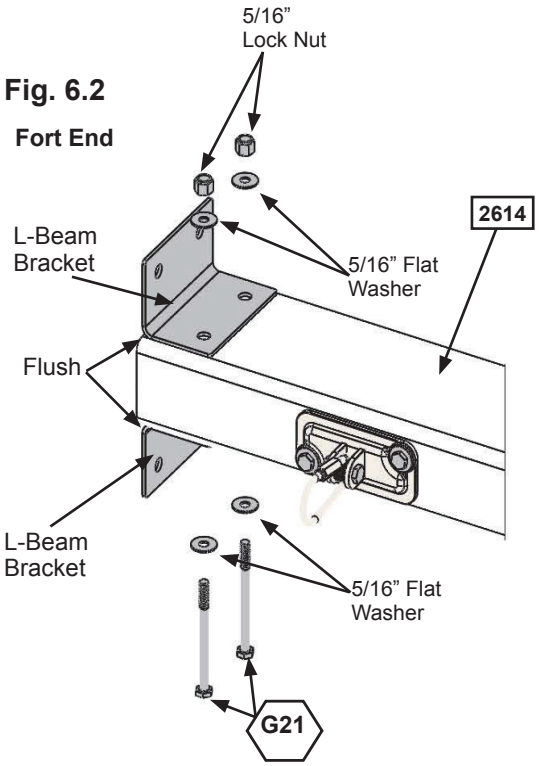


Fig. 6.3

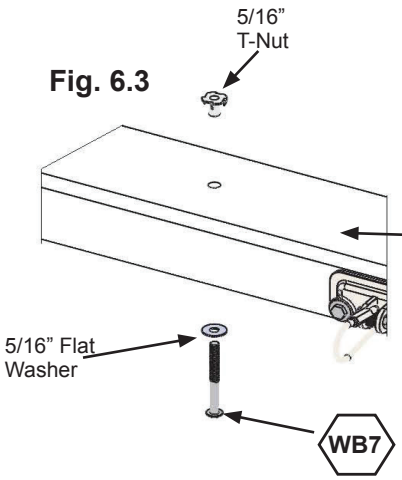
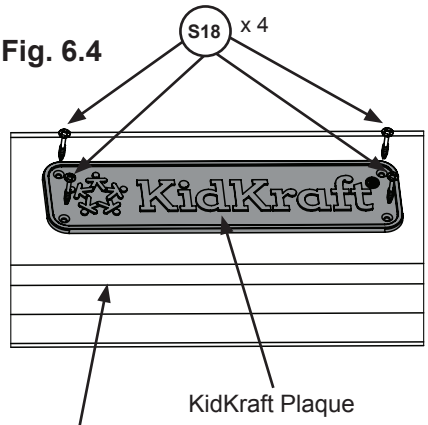


Fig. 6.4



Wood Parts

1 x 2614 **Engineered Beam 4 x 6 x 88"**

Hardware

12 x G7 **5/16 x 5-1/2" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)**
2 x G21 **5/16 x 3-3/4" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)**
1 x WB7 **5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)**
4 x S18 **#6 x 1" Wood Screw**

Other Parts

4 x Swing Hangers
2 x Glider Hanger
2 x L-Beam Bracket
1 x KidKraft Plaque

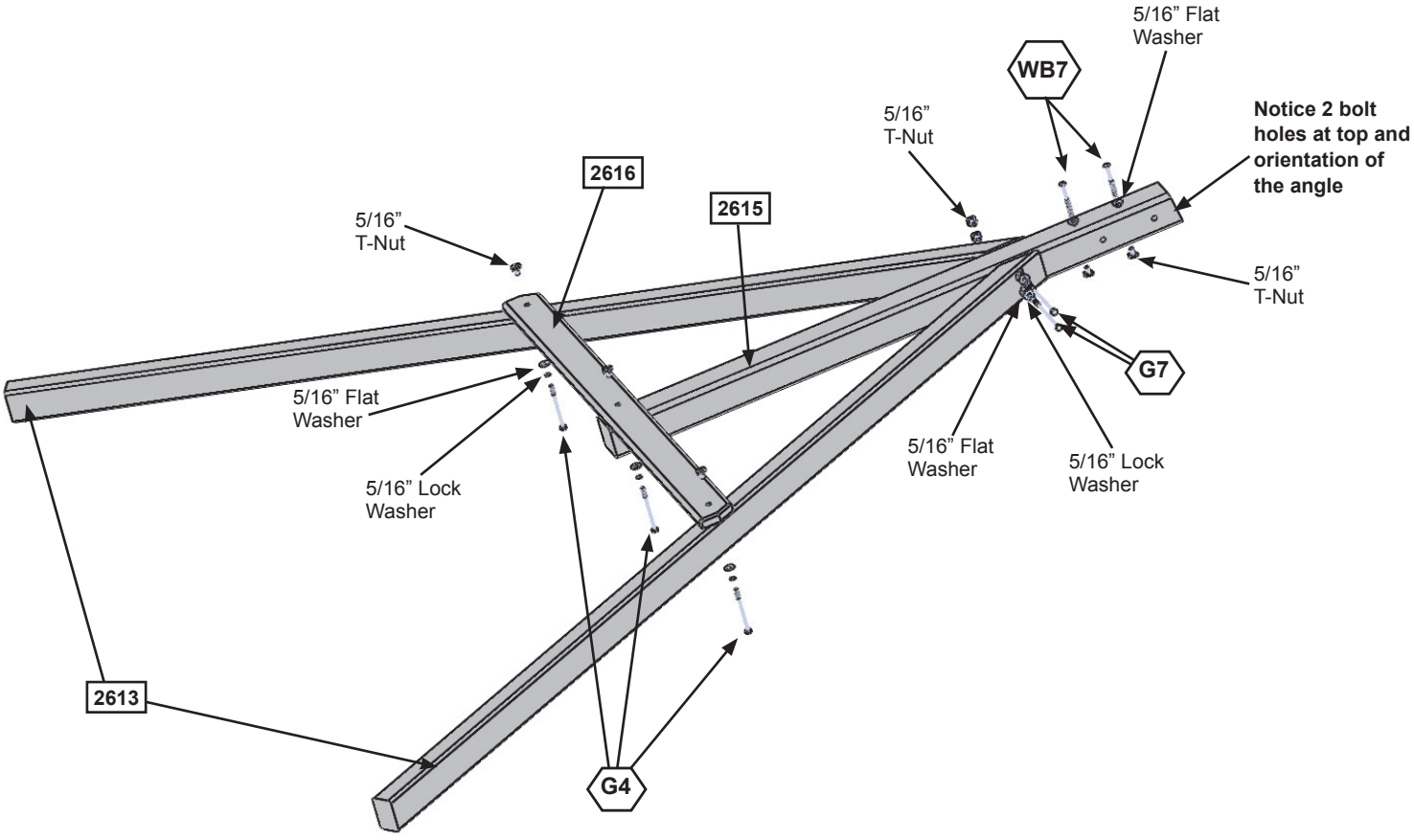
Step 7: Swing End Assembly

A: Loosely attach 2 (2613) Heavy SW Posts to (2615) SW Upright using 2 (G7) 5/16 x 5-1/2" Hex Bolts (with lock washer, flat washer and t-nut). Notice 2 bolt holes at top of (2615) SW Upright and orientation of angle. (fig. 7.1)

B: Attach (2616) SW Support to both (2613) Heavy SW Posts and (2615) SW Upright using 3 (G4) 5/16 x 4" Hex Bolts (with lock washer, flat washer and t-nut). Tighten all bolts (fig. 7.1)

C: Install 2 (WB7) 5/16 x 3" Wafer Bolts (with flat washer and t-nut) in the top bolt holes in (2615) SW Upright as shown in fig. 7.1. **IT IS IMPORTANT THAT THESE BOLTS ARE ATTACHED. THEY WILL MINIMIZE CHECKING OF WOOD.**

Fig. 7.1



Wood Parts

- 2 x 2613 **Heavy SW Post 2 x 3 x 86-11/16"**
- 1 x 2615 **SW Upright 4 x 4 x 50-15/16"**
- 1 x 2616 **SW Support 5/4 x 4 x 46-1/2"**

Hardware

- 2 x G7 **5/16 x 5-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**
- 3 x G4 **5/16 x 4" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)**
- 2 x WB7 **5/16 x 3" Wafer Bolt (5/16" flat washer & 5/16" t-nut)**

Step 8: Attach Swing End to Swing Beam

A: Place Swing End Assembly against Swing Beam Assembly then place 1 Beam Bracket on each side of the assembly (they are specific for left and right side) and attach with 5 (G21) 5/16 x 3-3/4" Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 8.1 and 8.2)

Fig. 8.1

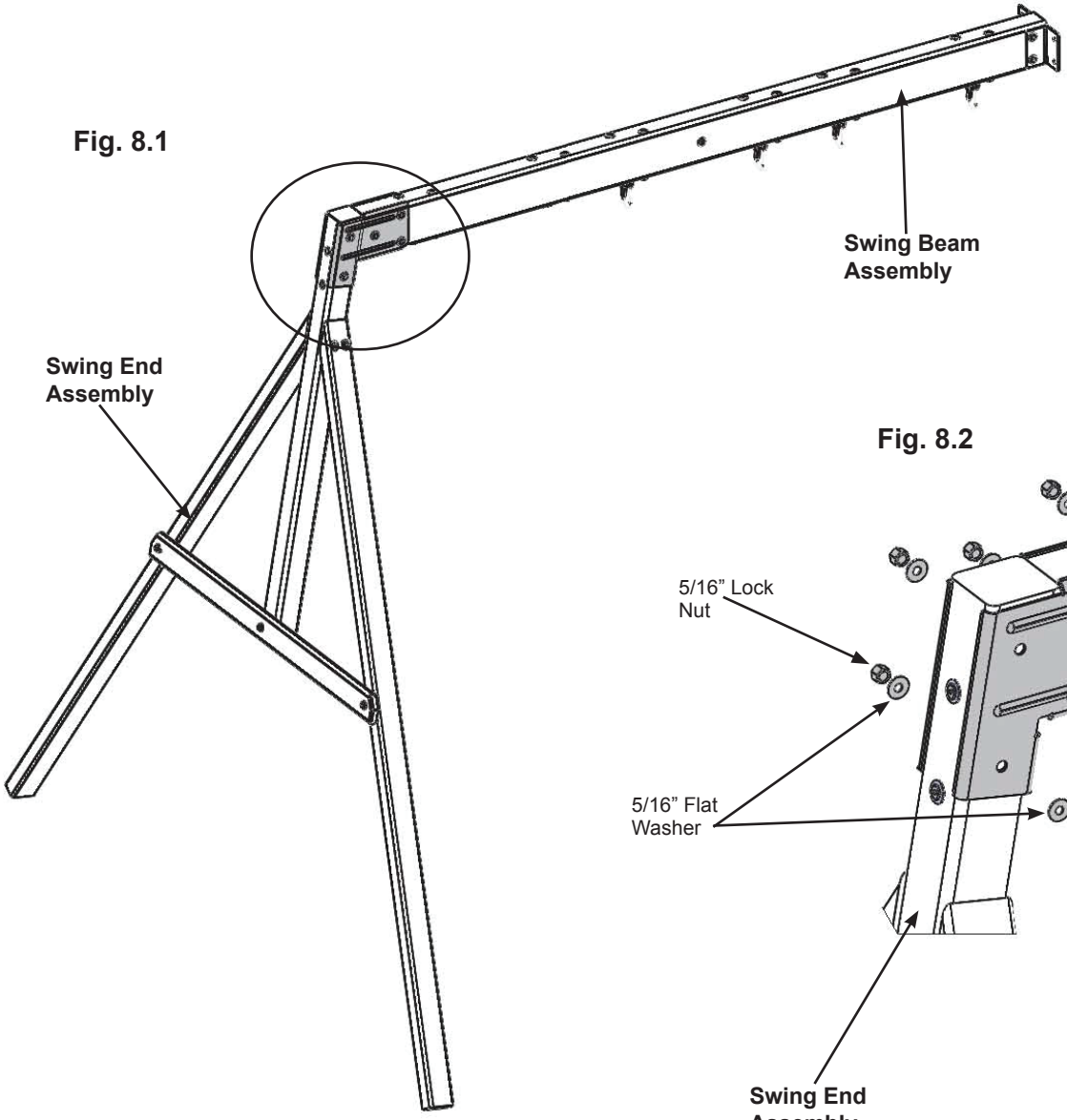
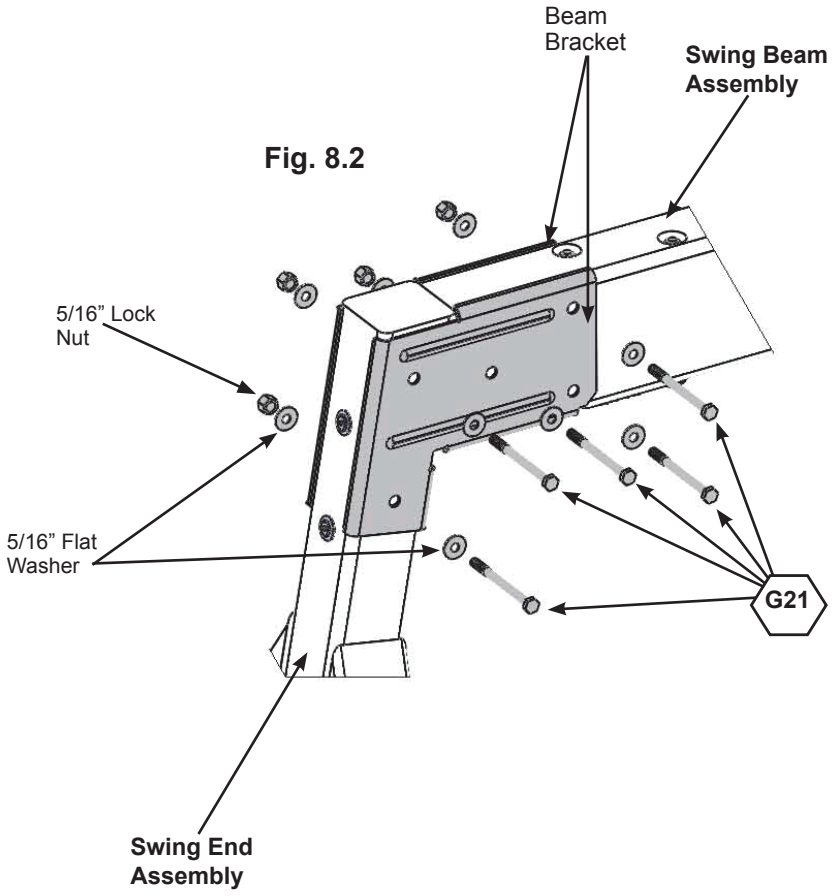


Fig. 8.2

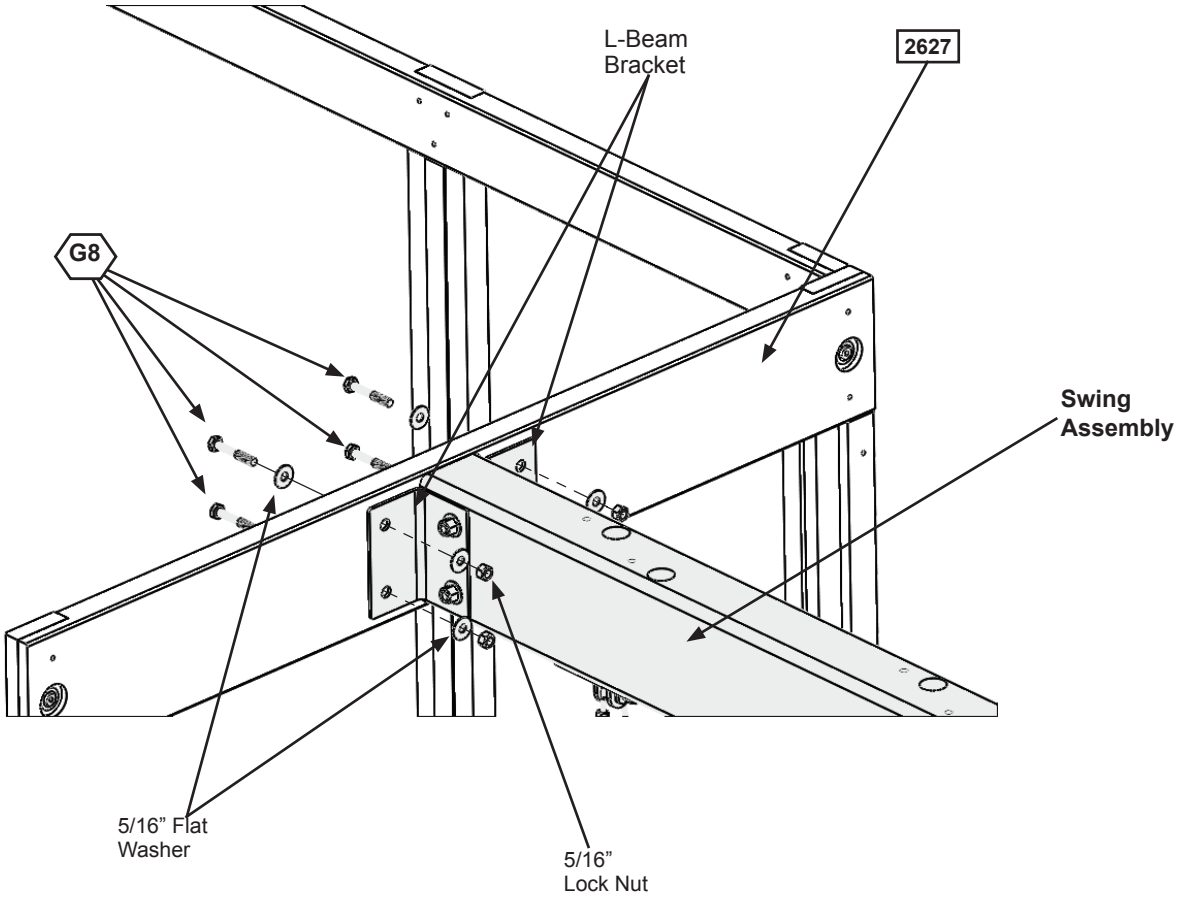


Hardware	Other Parts
5 x G21 5/16 x 3-3/4" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)	2 x Beam Bracket (Left/Right)

Step 9: Attach Swing Assembly To Fort

A: Place Swing Assembly against top of (2627) SW Wall Panel, make sure assembly is level then attach from inside the fort assembly into each L-Beam Bracket with 4 (G8) 5/16 x 2” Hex Bolts (with 2 flat washers and 1 lock nut). (fig. 9.1)

Fig. 9.1



Hardware

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

Step 10: Install Ground Stakes

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

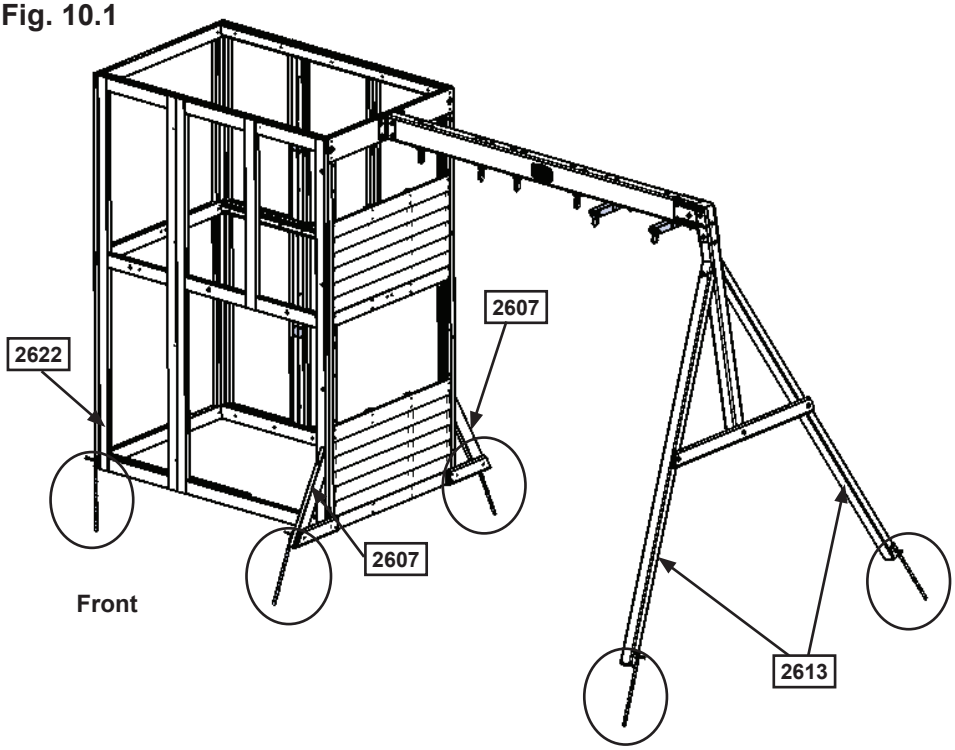
A: In the 5 places shown in fig. 10.1 drive the Rebar Ground Stakes 13” into the ground against outside front corner of (2622) End Panel Assembly, on both (2607) Diagonals and both (2613) Heavy SW Posts. Be careful not to hit the washer while hammering stakes into the ground as this could cause the washer to break off.

B: Attach ground stakes using 1 (S7) #12 x 2” Pan Screw per ground stake (fig. 10.2 and 10.3).

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

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

Fig. 10.1



SEE FRONT COVER FOR SAFETY CLEARANCE

Fig. 10.2

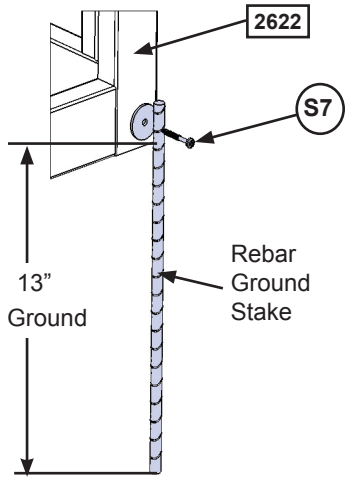
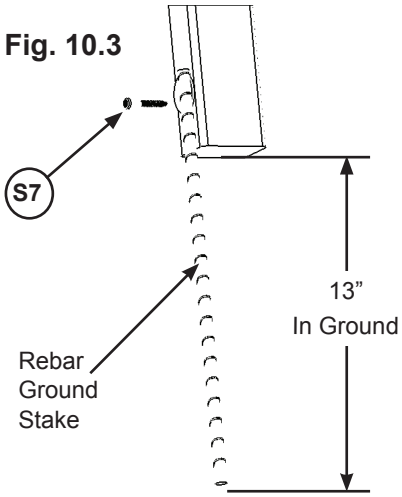


Fig. 10.3



Hardware	Other Parts
5 x (S7) #12 x 2” Pan Screw	5 x Rebar Ground Stake

Step 11: Install Upper and Lower Jambs

A: In the upper opening of (2622) End Panel Assembly place 1 (2602) Upper Jamb so it measures 9-5/8" to the inside of the right post then attach with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 11.1, 11.3, 11.4, 11.5 and 11.6)

B: In the lower opening of (2618) Front Back Panel and (2622) End Panel Assembly place 1 (2601) Lower Jamb so it measures 17" to the inside of each post then attach each (2601) Lower Jamb with 2 Jamb Mounts using 4 (S0) #8 x 7/8" Truss Screws per mount. (fig. 11.2, 11.3, 11.4 and 11.6).

Fig. 11.1
Outside View

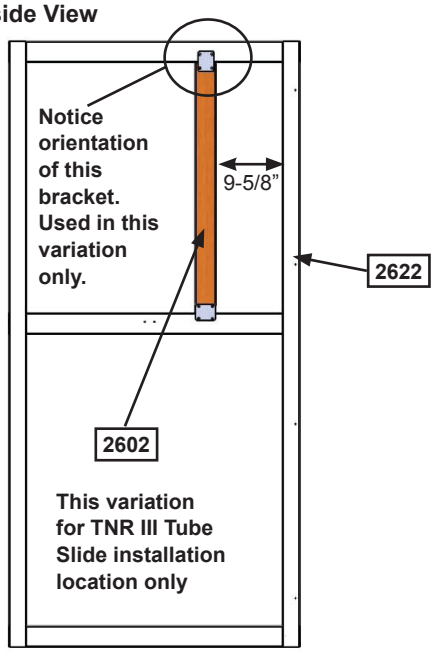


Fig. 11.3

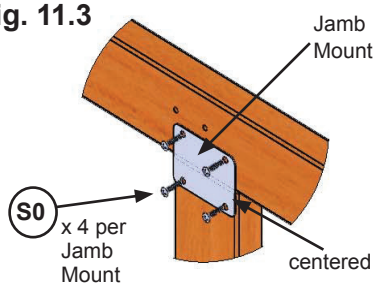


Fig. 11.4

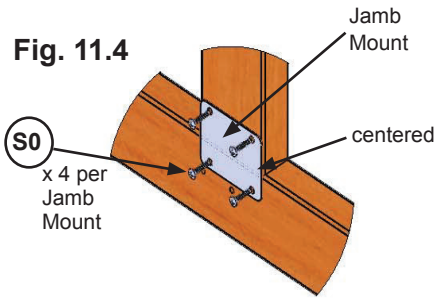


Fig. 11.2
Outside View

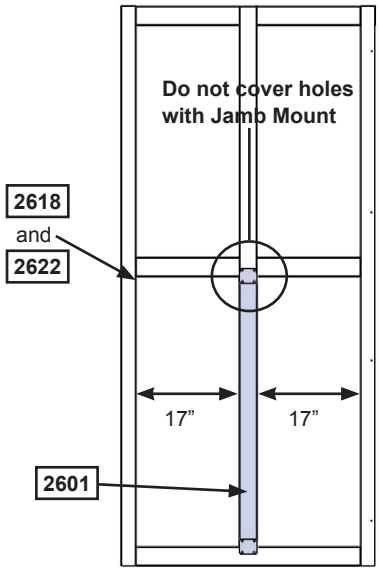


Fig. 11.5

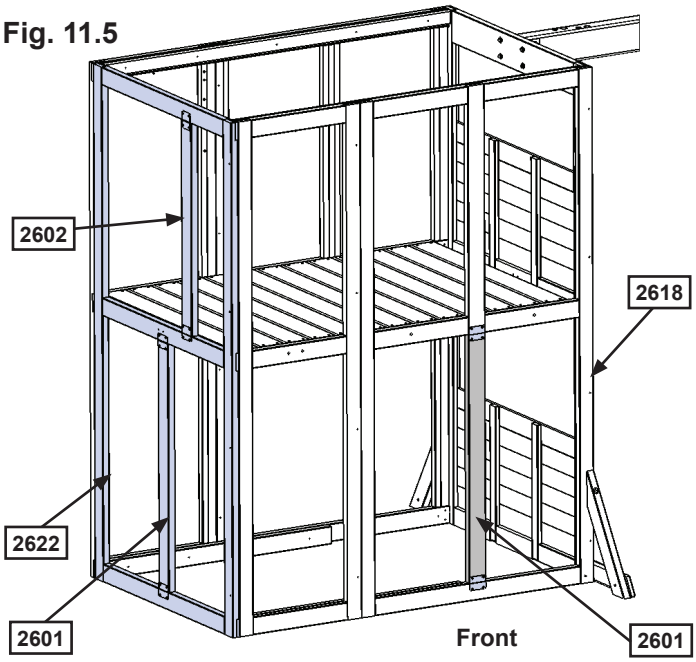
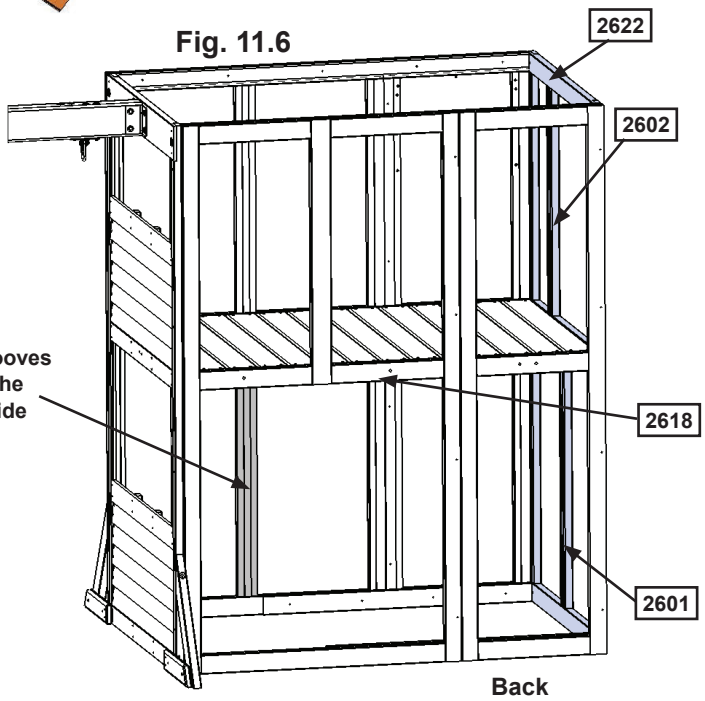


Fig. 11.6



Wood Parts

1 x 2602 Upper Jamb 1-1/4 x 3 x 35-15/16"
2 x 2601 Lower Jamb 1-1/4 x 3 x 41-15/16"

Hardware

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

Other Parts

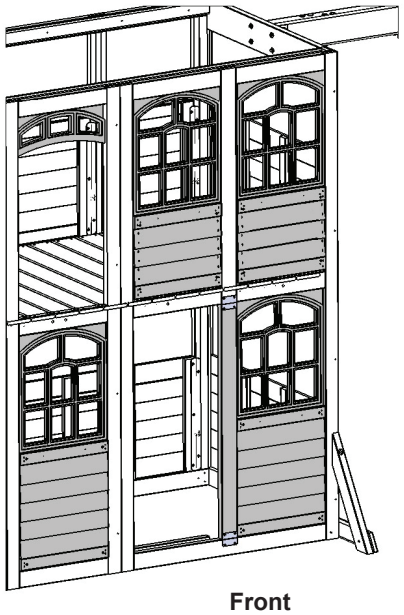
6 x Jamb Mount

Step 12: Install Window and Wall Inserts
Part 1 - Front Wall

A: In the places shown in fig. 12.1 and 12.2, on the Front of the assembly install 2 (2655) Upper Window Inserts in the upper openings of (2618) Front Back Panel and 1 (2649) Lower Window Insert in (2618) Front Back Panel and 1 in (2677) Narrow Panel using 9 (S0) #8 x 7/8" Truss Screws per insert. (fig. 12.1, 12.2 and 12.3)

B: On the Front of the assembly install 1 MOD 3-Pane Transom in the top opening of (2677) Narrow Panel using 4 (S0) #8 x 7/8" Truss Screws. (fig. 12.1, 12.2, and 12.4)

Fig. 12.1



Front

Fig. 12.2
Outside View

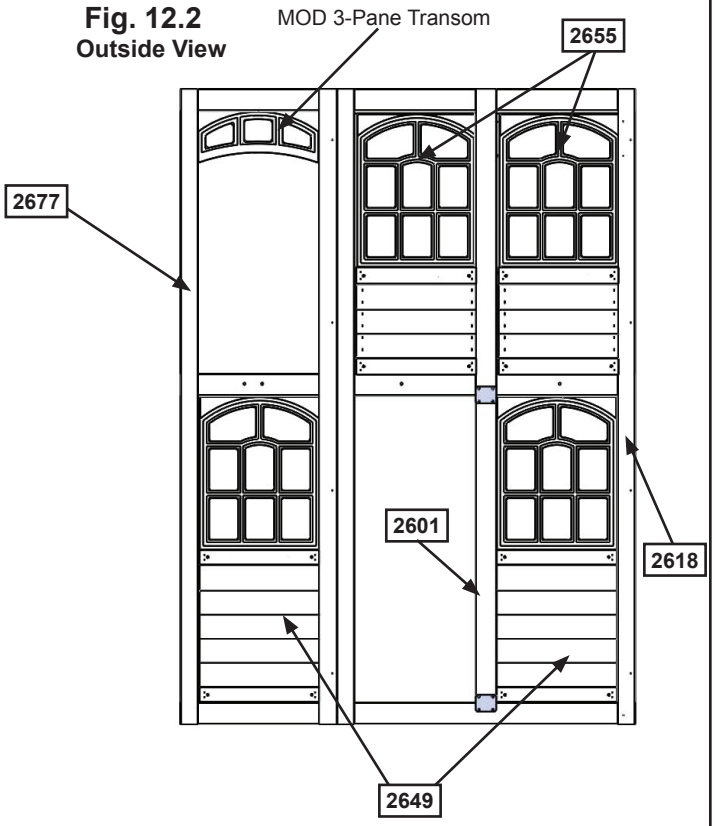


Fig. 12.3
Inside View

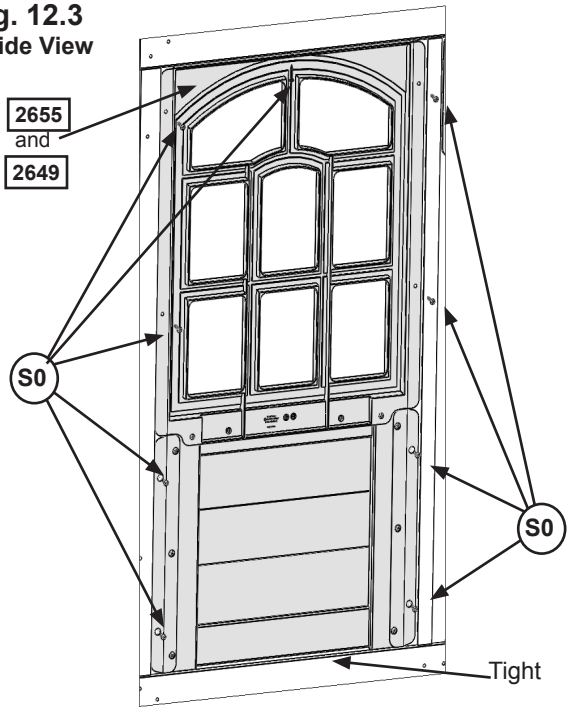
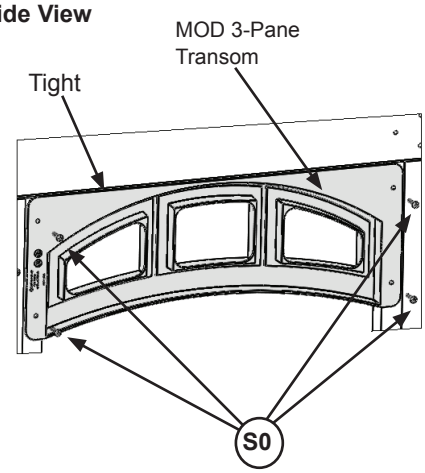


Fig. 12.4
Inside View



Wood Parts

2 x 2655 Upper Window Insert 1.27 x 18.8 x 35.86"
2 x 2649 Lower Window Insert 1.27 x 18.8 x 41.91"

Hardware

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

Other Parts

1 x MOD 3-Pane Transom

Step 12: Install Window and Wall Inserts
Part 2 - Left Side

C: In the lower openings of (2622) End Panel Assembly install 1 (649A) Short Half Wall with 4 (S0) #8 x 7/8" Truss Screws and 1 (2649) Lower Window Insert with 9 (S0) #8 x 7/8" Truss Screws. (fig. 12.5, 12.6, 12.7 and 12.8)

D: In the upper openings of (2622) End Panel Assembly install 1 (8935) Lower SL Insert with 4 (S0) #8 x 7/8" Truss Screws and 1 MOD Side Lite with 14 (S0) #8 x 7/8" Truss Screws. (fig. 12.5, 12.6 and 12.9)

Fig. 12.5

Left Side

Fig. 12.6
Outside View

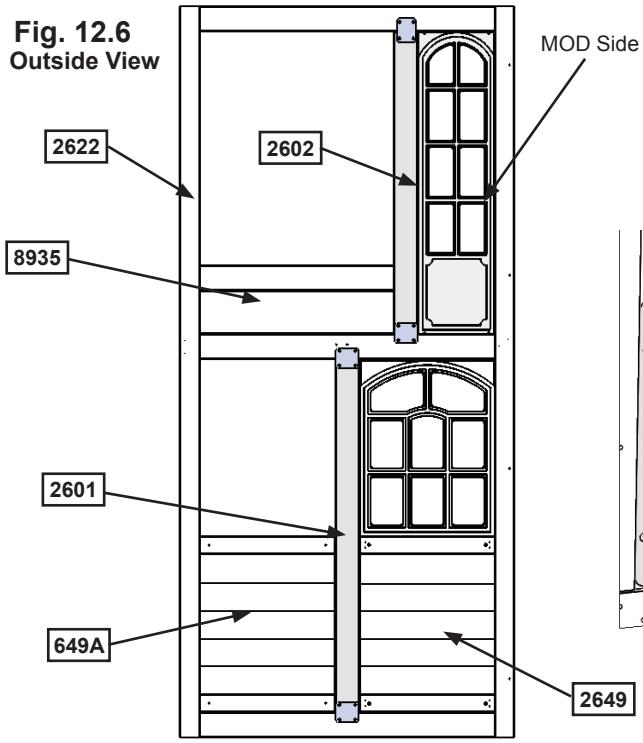


Fig. 12.7
Inside View

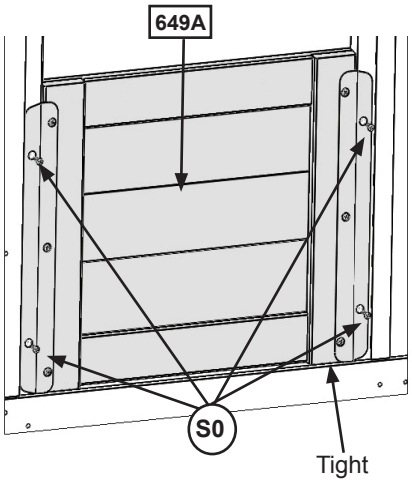


Fig. 12.8
Inside View

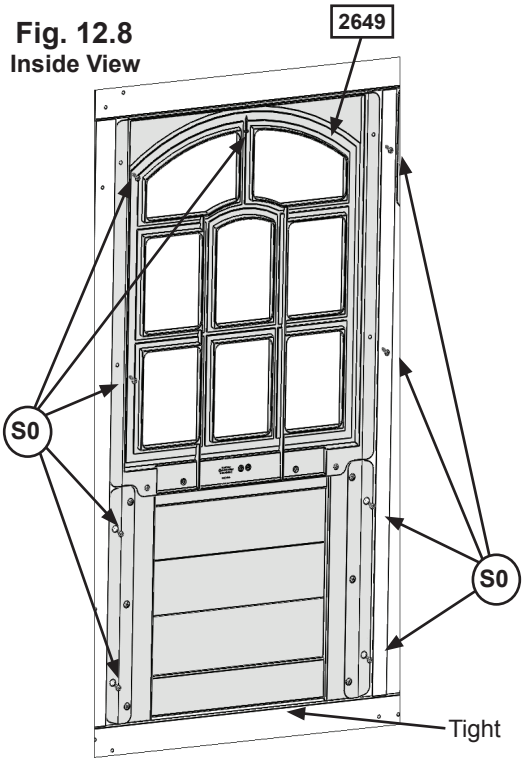
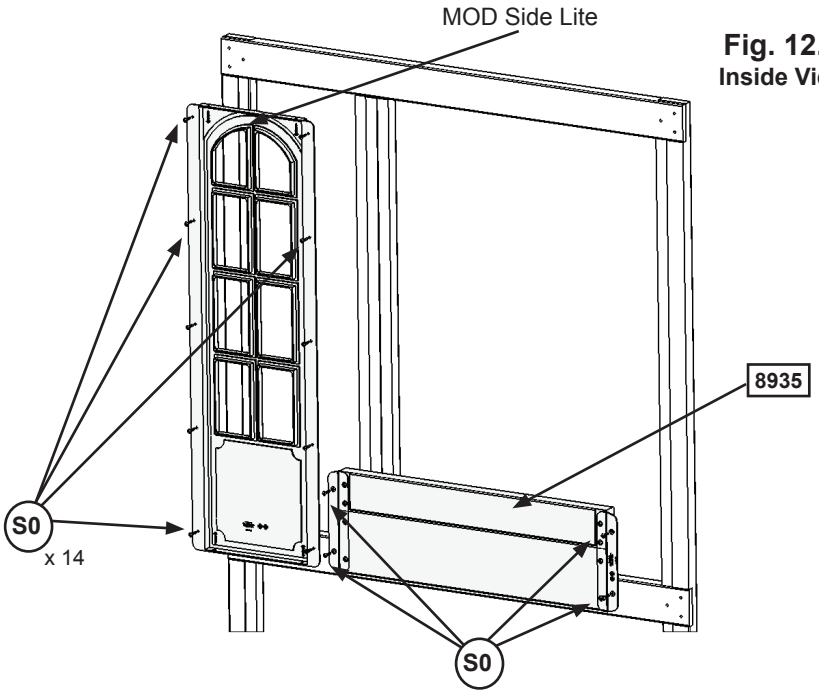


Fig. 12.9
Inside View



Wood Parts

1 x 649A **Short Half Wall 1.27 x 18.8 x 20-15/16"**
1 x 2649 **Lower Window Insert 1.27 x 18.8 x 41.91"**
1 x 8935 **Lower SL Insert 1.36 x 8-1/8 x 26-1/4"**

Hardware

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

Other Parts

1 x MOD Side Lite

Step 12: Install Window and Wall Inserts
Part 3 - Back Wall

E: On the Back of the assembly, install 2 (649A) Short Half Walls in the upper opening of (2618) Front Back Panel and 1 (649A) Short Half Wall in the lower openings of (2677) Narrow Panel using 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 12.10, 12.11 and 12.12)

F: In the upper opening of (2677) Narrow Panel install 1 MOD 3-Pane Transom and in the lower opening of (2618) Front Back Panel install 1 (2665) Half Wall Insert using 4 (S0) #8 x 7/8" Truss Screws per insert. (fig. 12.10, 12.11, 12.13 and 12.14)

Fig. 12.10

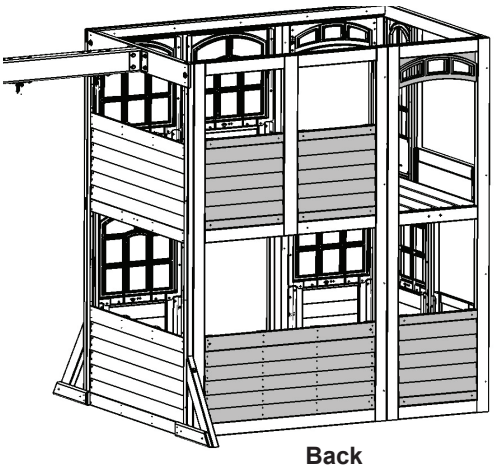


Fig. 12.11
Outside View

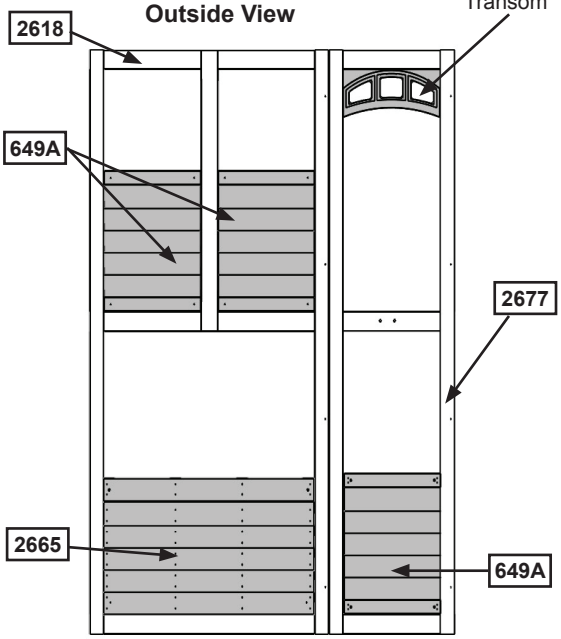


Fig. 12.12
Inside View

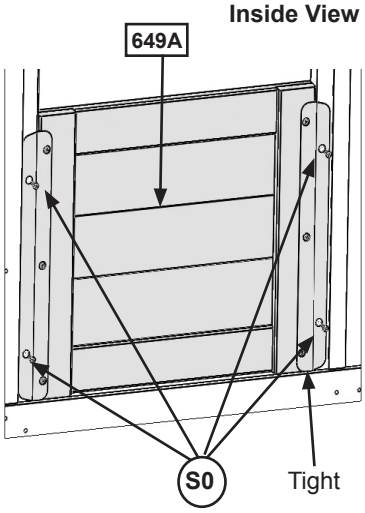


Fig. 12.13
Inside View

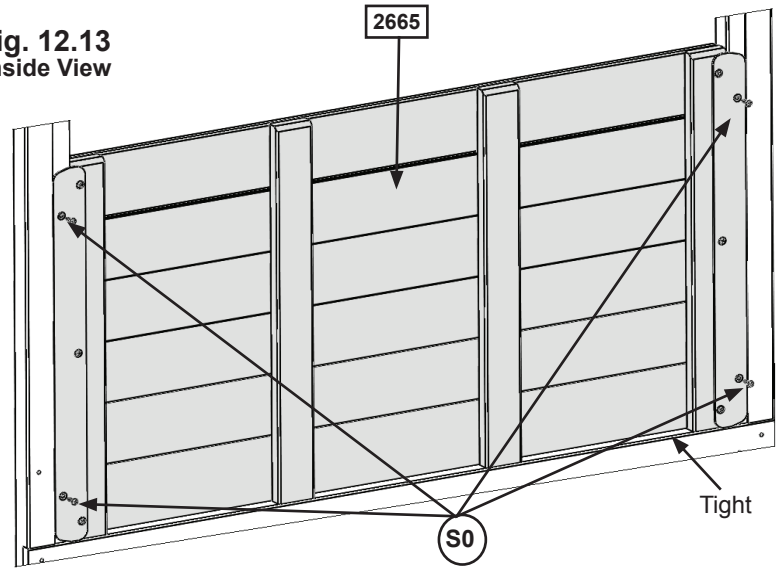
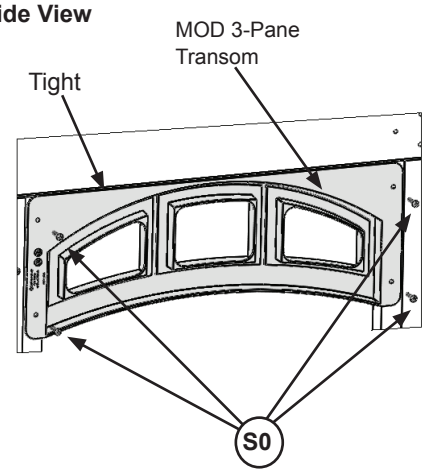


Fig. 12.14
Inside View



Wood Parts

1 x 2665 Half Wall Insert 1.4 x 20-1/4 x 38.8"
3 x 649A Short Half Wall 1.27 x 18.8 x 20-15/16"

Hardware

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

Other Parts

1 x MOD 3-Pane Transom

Step 13: Clock Assembly

A: From the back of the Base Clock insert the Clock Adapter then from the front of the Base Clock place the Hour Hand over the Clock Adapter making sure they line up properly. Press the Minute Hand over the Hour Hand and connect with the Clock Screw. (fig. 13.1)

B: On the Front of the Assembly place Clock Assembly centred under window of (2655) Upper Window Insert then with a helper attach through insert and into each (2717) Clock Block with 4 (S2) #8 x 1-1/2" Wood Screw, 2 per block. (fig. 13.2, 13.3 and 13.4)

Do not over tighten screws.

Fig. 13.1
Side View

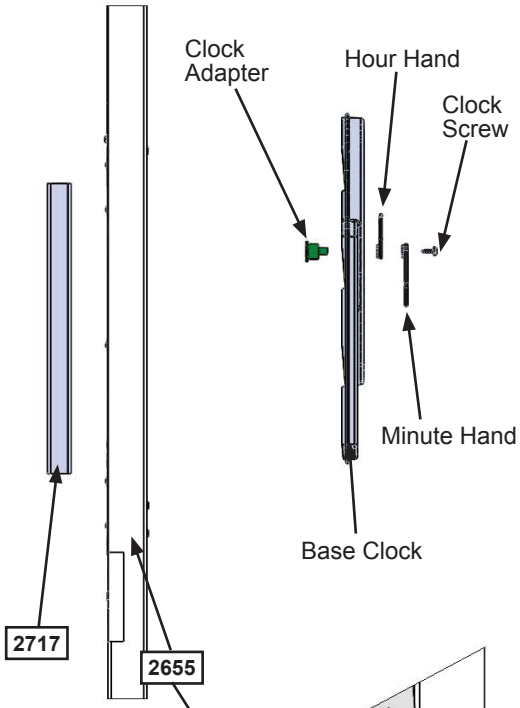
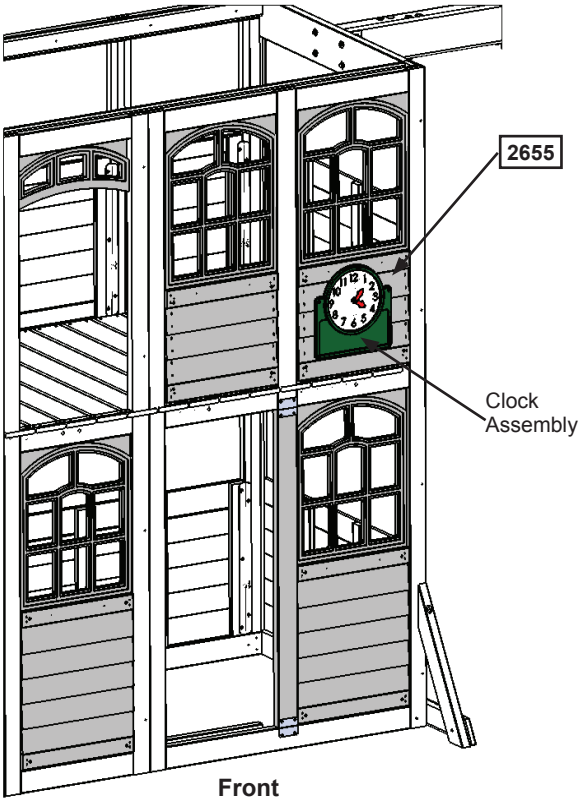


Fig. 13.2



Front

Fig. 13.3
Outside View

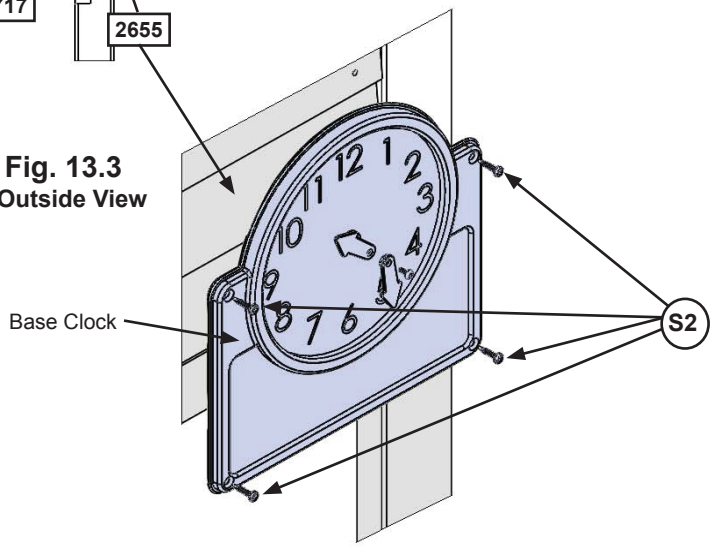
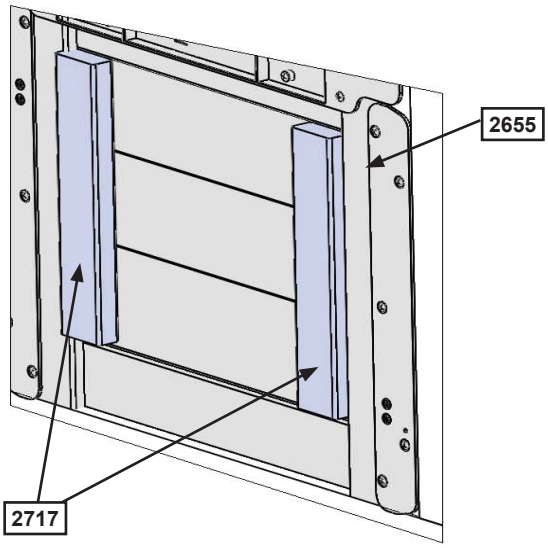


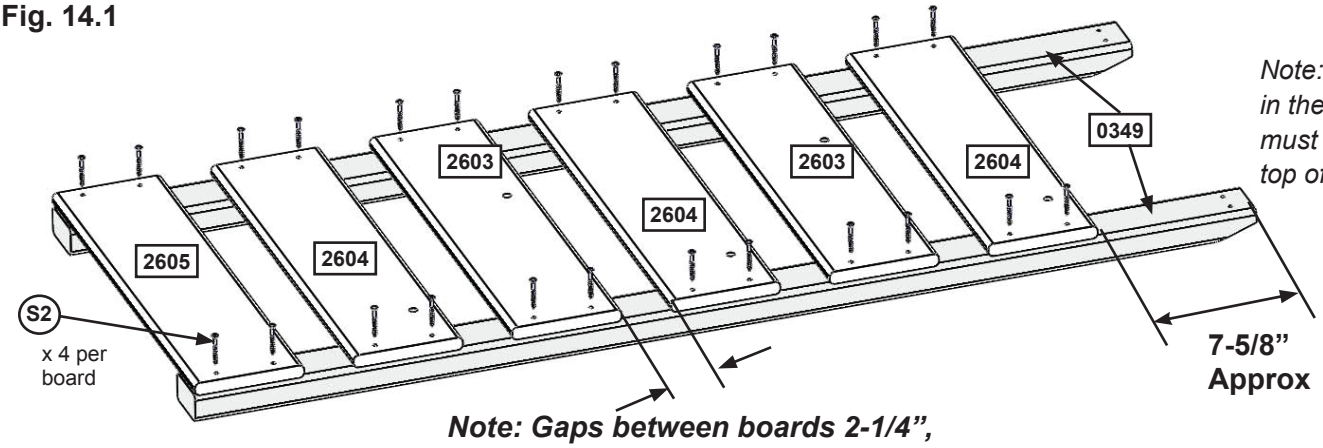
Fig. 13.4
Inside View



Wood Parts	Hardware	Other Parts
2 x [2717] Clock Block 3/4 x 1-3/4 x 9-3/4"	4 x (S2) #8 x 1-1/2" Wood Screw	1 x Base Clock 1 x Clock Subset 1 x Clock Adapter 1 x Hour Hand 1 x Minute Hand 1 x Clock Screw

Step 14: Rock Wall Assembly

Fig. 14.1



Note: The holes in the rock boards must orient to the top of the boards.

Note: Gaps between boards 2-1/4", not to exceed 2-3/8"

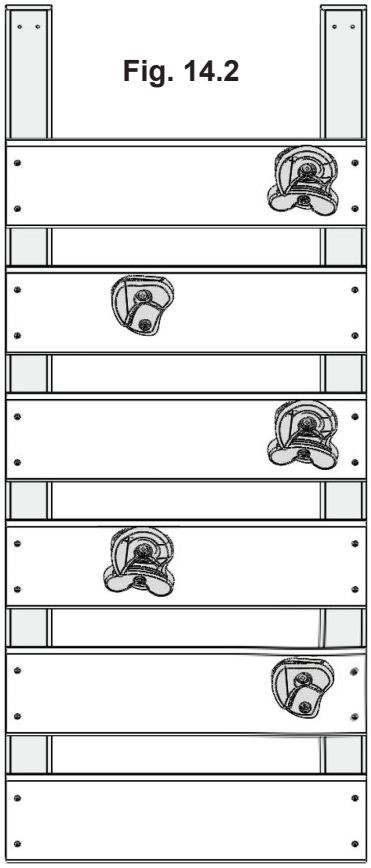
A: Lay 2 (0349) Rock Rails down, side by side with angled edges facing down. (fig. 14.1)

B: Place (2605) Access Board on the bottom of each (0349) Rock Rail as shown in fig. 14.1. Make sure (2605) Access Board is flush to the outside and bottom edges of each (0349). Attach using 4 (S2) #8 x 1-1/2" Wood Screws.

C: 7-5/8" down from the top of both (0349) Rock Rails place 1 (2604) Rock Board B, making sure the sides are flush to the outside edges of each (0349) Rock Rail. Attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 14.1)

D: In between the (2605) Access Board and (2604) Rock Board B stagger 2 (2604) Rock Board Bs and 2 (2603) Rock Board As using 4 (S2) #8 x 1-1/2" Wood Screws per board. Placing them as shown in fig. 14.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-3/8" between boards.

Fig. 14.2



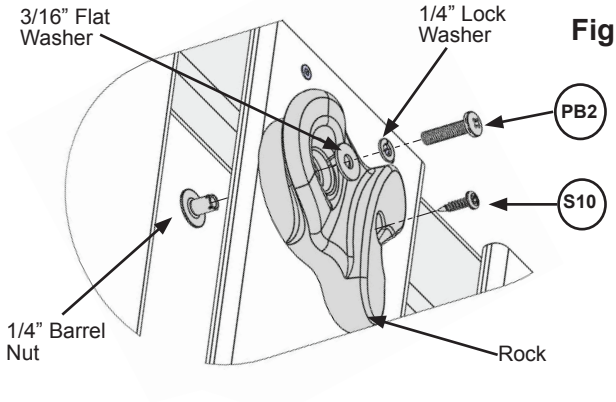


Fig. 14.3

E: Place 1 rock on each (2603) Rock Board A and (2604) Rock Board B (fig. 14.2) and attach using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. The Screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 14.3)

Wood Parts

- 1 x 2605 **Access Board 1 x 6 x 19-3/4"**
- 3 x 2604 **Rock Board B 1 x 6 x 19-3/4"**
- 2 x 2603 **Rock Board A 1 x 6 x 19-3/4"**
- 2 x 0349 **Rock Rail 2 x 3 x 51"**

Hardware

- 24 x S2 **#8 x 1-1/2" Wood Screw**
- 5 x S10 **#8 x 1" Pan Screw**
- 5 x PB2 **1/4 x 1-1/4 Pan Bolt (1/4" lock washer, 3/16" flat washer & 1/4" barrel nut)**

Other Parts

- **5 x Rocks (3 green/2 yellow)**

Step 15: Attach Rock Wall Assembly to Fort
Part 1

A: On the Back of the assembly place Rock Wall Assembly centred in (2677) Narrow Panel opening and flush as shown in fig. 15.1. Attach (0349) Rock Rails to the panel using 4 (S11) #8 x 2" Wood Screws. (fig. 15.2 and 15.3)

B: Attach 1 (2605) Access Board to top of Rock Wall Assembly, flush to top of (0349) Rock Rail using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 15.4)

Fig. 15.1

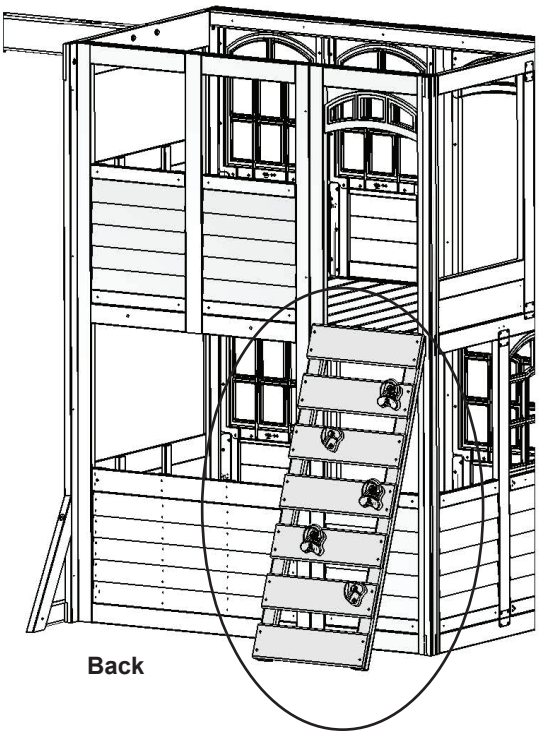


Fig. 15.2

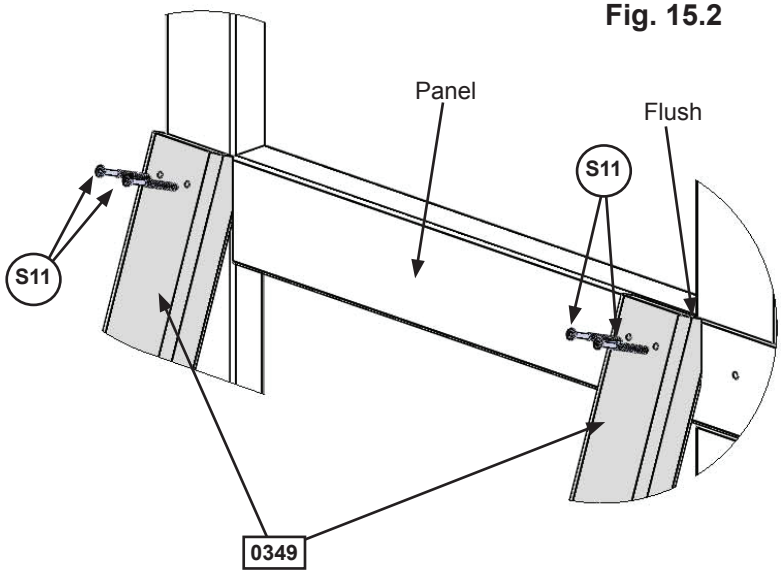


Fig. 15.3

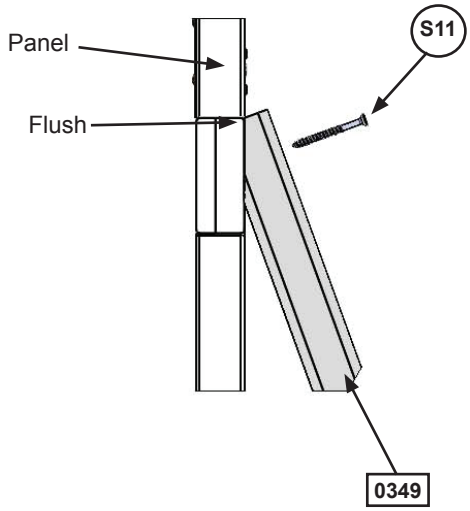
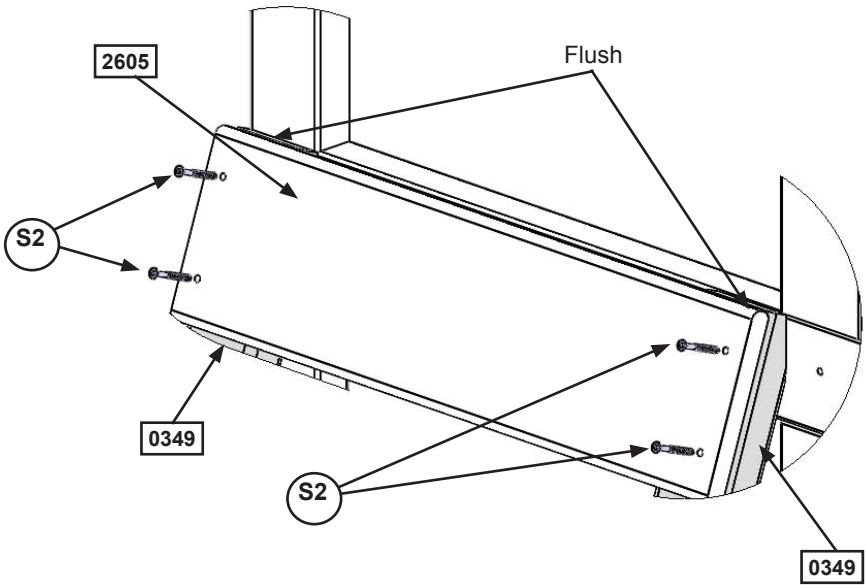


Fig. 15.4



Wood Parts

1 x [2605] Access Board 1 x 6 x 19-3/4"

Hardware

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

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

Step 15: Attach Rock Wall Assembly to Fort
Part 2

C: Drive 1 Rebar Ground Stake 13” into the ground against outside (0349) Rock Rail then attach with 1 (S7) #12 x 2” Pan Screw. Be careful not to hit the washer while hammering stake into the ground as this could cause the washer to break off. (fig. 15.5 and 15.6)

D: After driving stake 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. 15.5

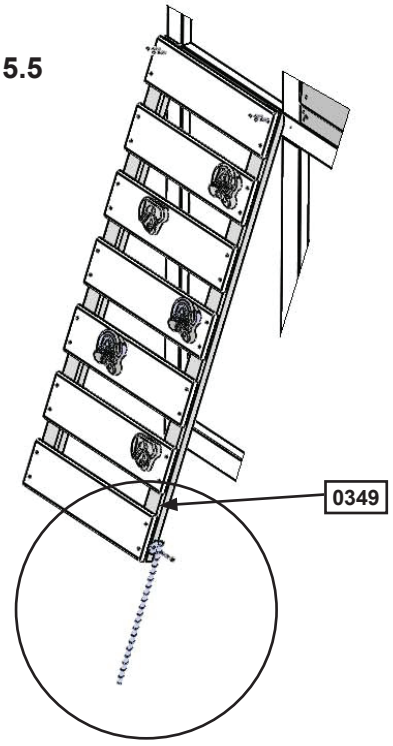
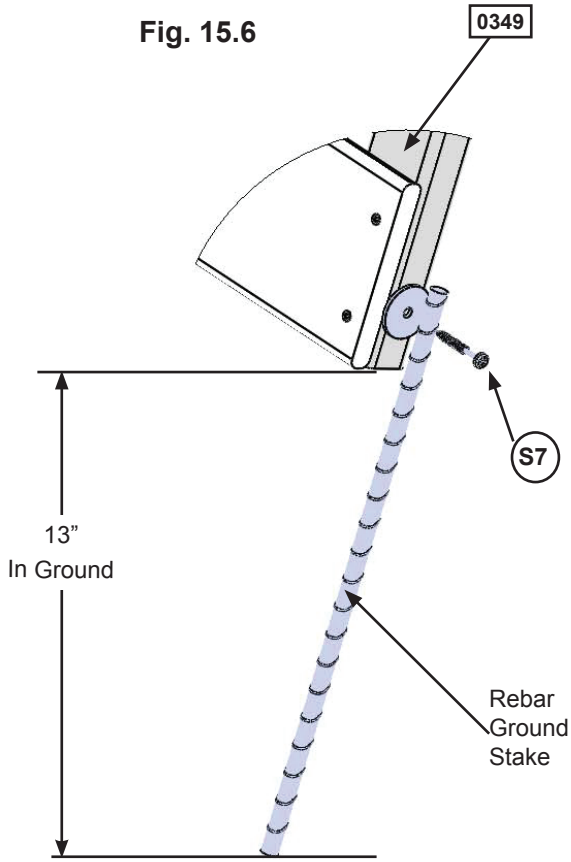


Fig. 15.6



Hardware	Other Parts
1 x (S7) #12 x 2” Pan Screw	1 x Rebar Ground Stake

Step 16: Cafe Table Assembly

A: Place (2612) Table Support flush to the notched out ends of (2611) Table Top and attach with 4 (S7) #12 x 2" Pan Screws as shown in fig. 16.1.

B: On the Back of the assembly place Table Top Assembly tight in the opening of (2618) Front Back Panel tight to top of (2665) Half Wall Insert then attach (2612) Table Support to the panel with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 16.2 and 16.3)

Fig. 16.1

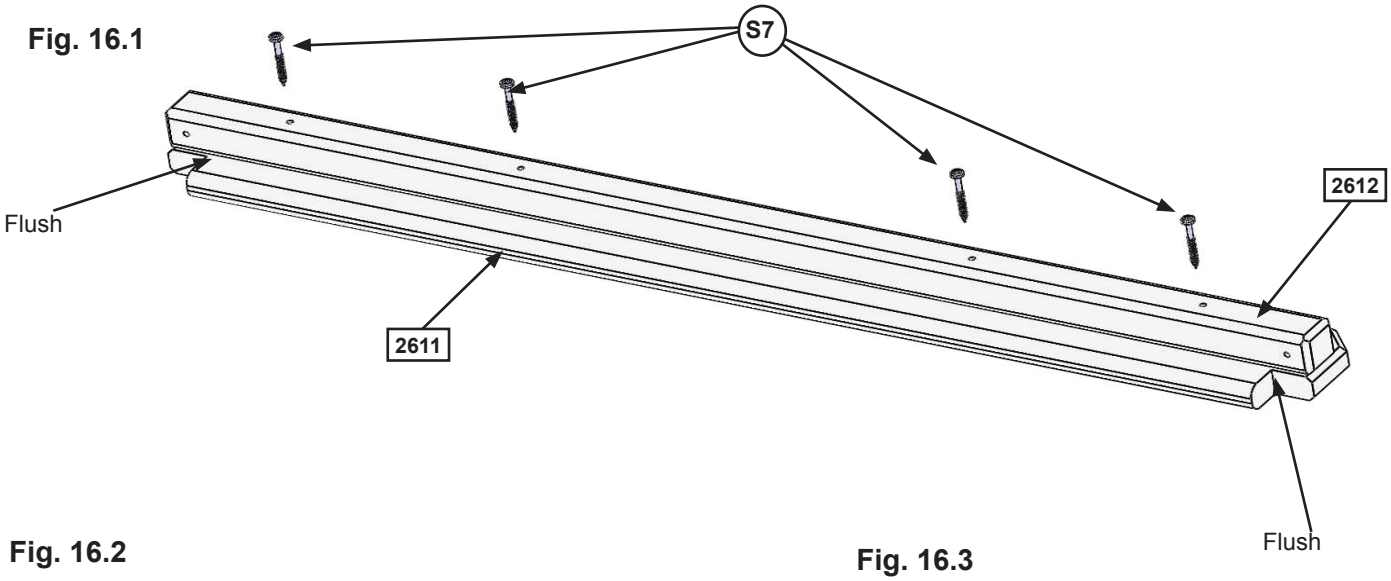


Fig. 16.2

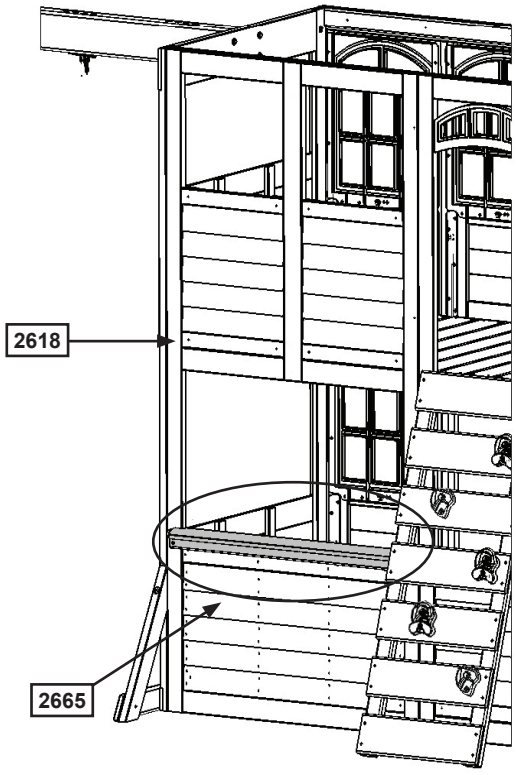
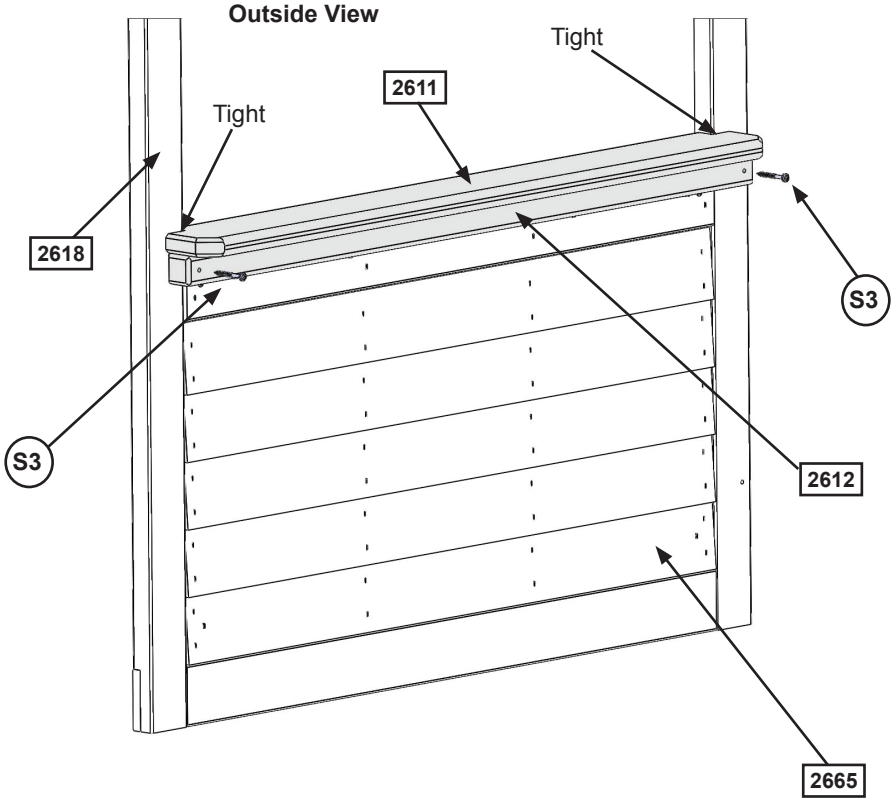


Fig. 16.3
Outside View



Wood Parts

1 x 2612 **Table Support 2 x 2 x 39-5/8"**
1 x 2611 **Table Top 5/4 x 5 x 39-5/8"**

Hardware

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

Step 17: Attach Cafe Canopy to Fort

A: Feed Cafe Canopy Frame through the pocket of the Cafe Canopy. (fig. 17.1)

B: With a helper hold the Canopy against the fort, centred on (2618) Front Back Panel (fig. 17.2), make sure the Cafe Canopy is smooth and tight then attach to the panel with 1 (S5) #8 x 1/2" Pan Screw (with #8 flat washer), measure 1-1/2" down from the first screw then attach a second screw and washer. Follow measurements as shown in fig. 17.3 for remaining screws and washers. Measurements must be exact.

C: Hold the Cafe Canopy Frame against the panel and attach with 1 (S6) #12 x 1" Pan Screw per side. (fig. 17.3)

Fig. 17.1

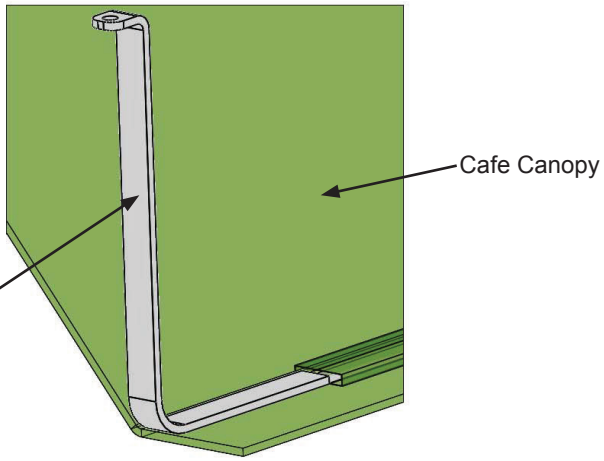


Fig. 17.2

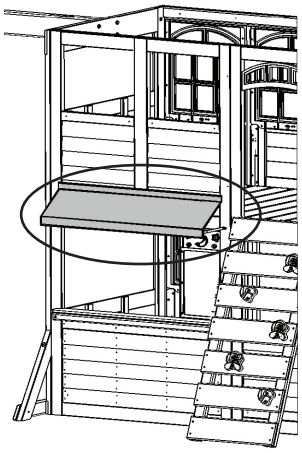
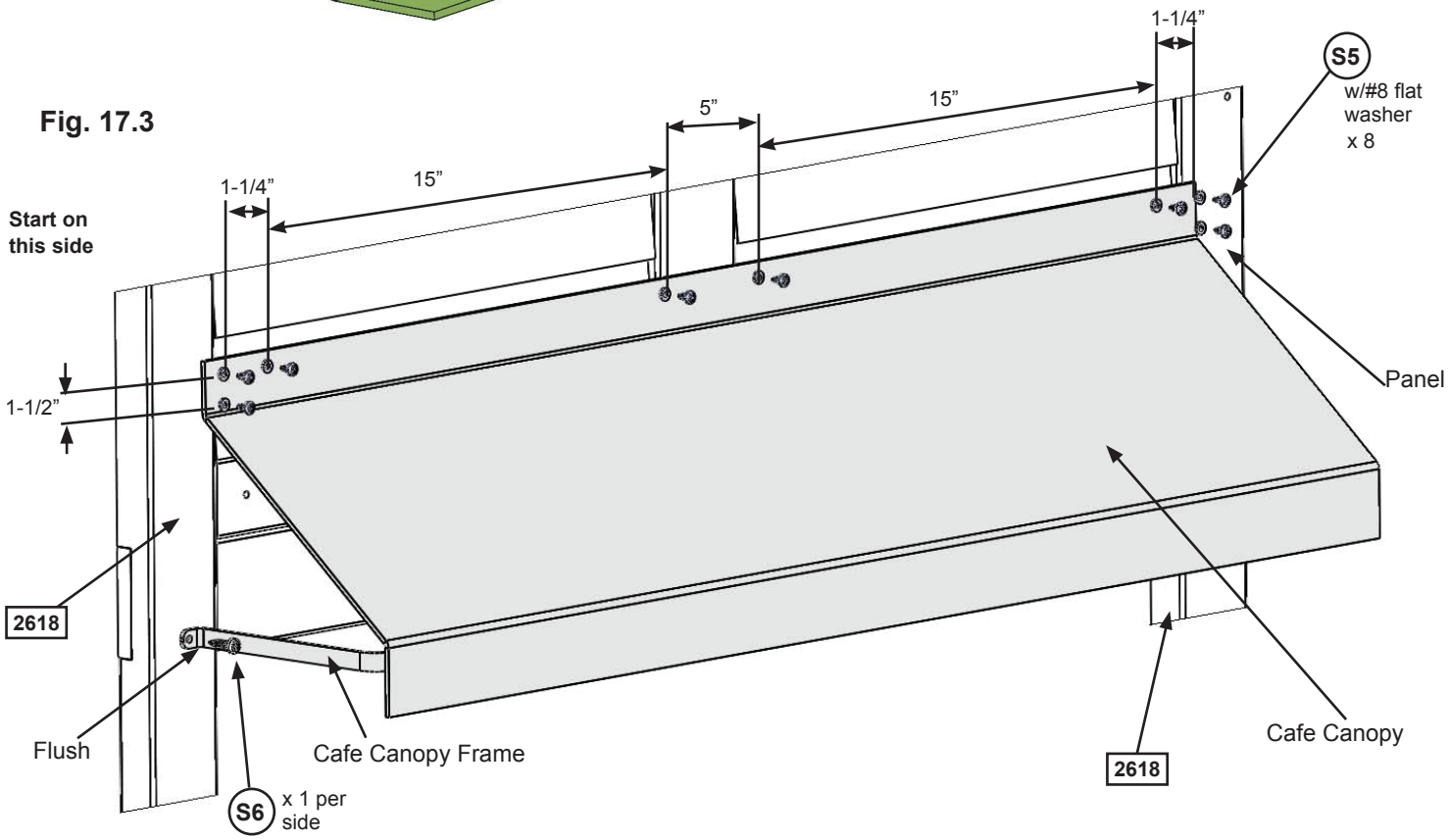


Fig. 17.3



Hardware	Other Parts
8 x (S5) #8 x 1/2" Pan Screw (#8 flat washer)	1 x Cafe Canopy Frame
2 x (S6) #12 x 1" Pan Screw	1 x Cafe Canopy

Step 18: Attach Sky Chalk Wall to Fort

A: From inside the assembly place Sky Chalk Wall tight to (2611) Table Top and (2618) Front Back Panel then attach with 4 (S10) #8 x 1" Pan Screws from the inside and 1 (S10) #8 x 1" Pan Screw from the outside. (fig. 18.1, 18.2, 18.3 and 18.4)

Fig. 18.1
Inside View

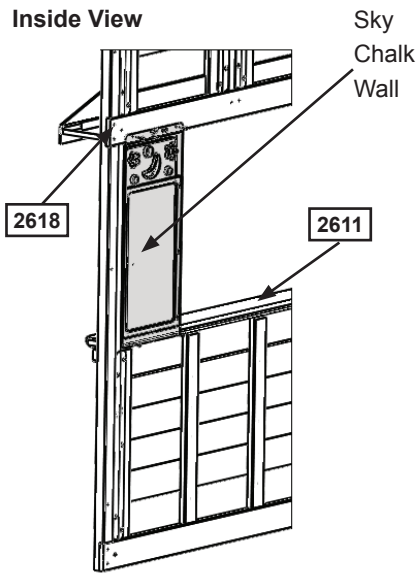


Fig. 18.2
Inside View

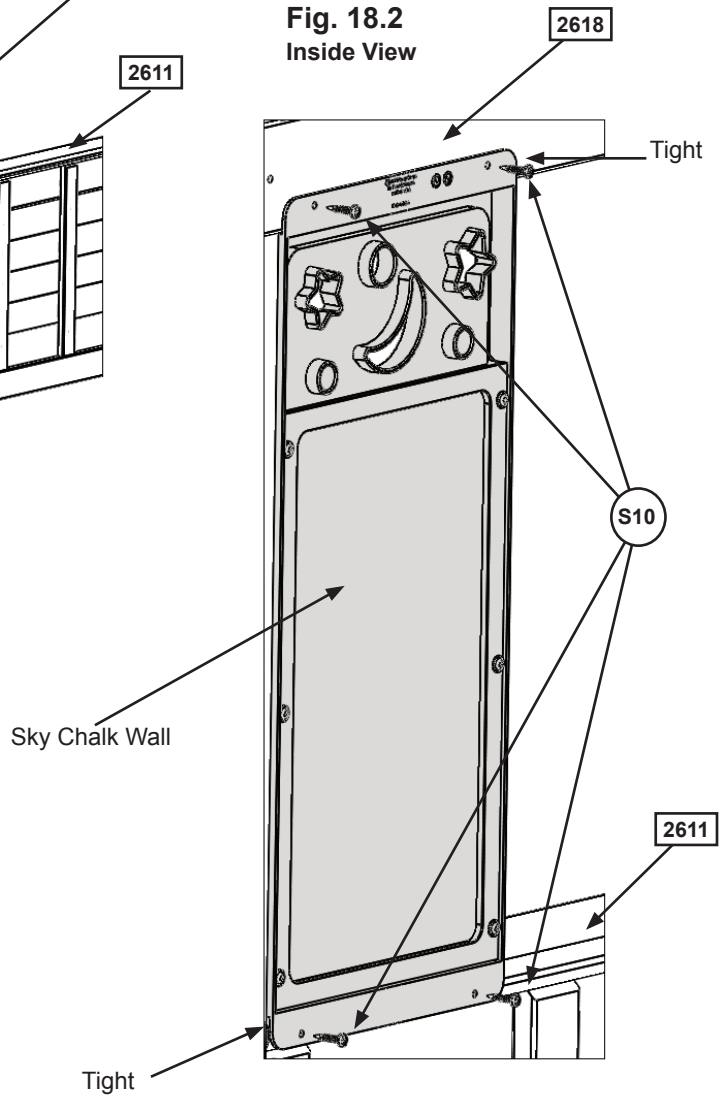


Fig. 18.3
Outside View

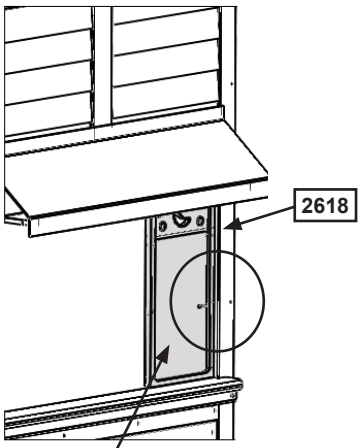
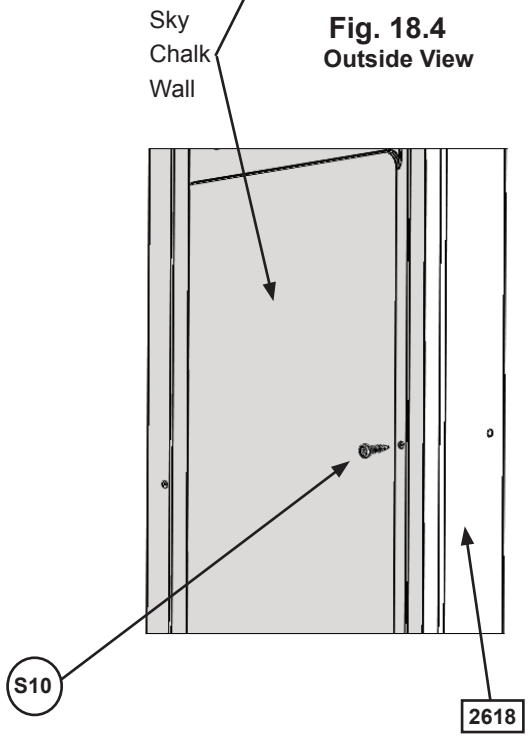


Fig. 18.4
Outside View



Hardware

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

Other Parts

1 x Sky Chalk Wall

Step 19: Attach Slide to Fort

A: Place Slide in the centre of the (2677) Narrow Panel opening at the front of the fort, pre-drill with a 1/8" drill bit then attach slide to fort through the panel using 3 (S7) #12 x 2" Pan Screws. (fig. 19.1, 19.2 and 19.3)

Fig. 19.1

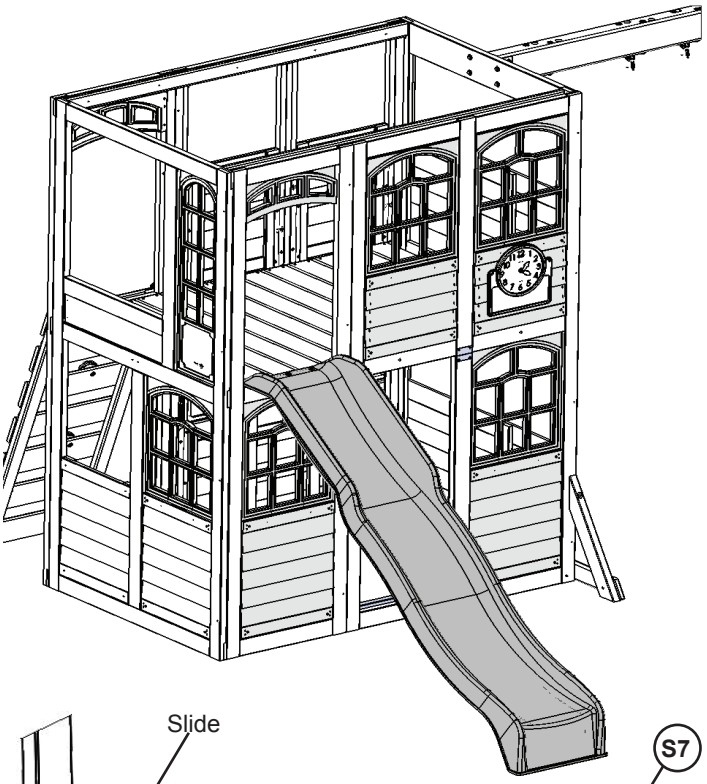


Fig. 19.2

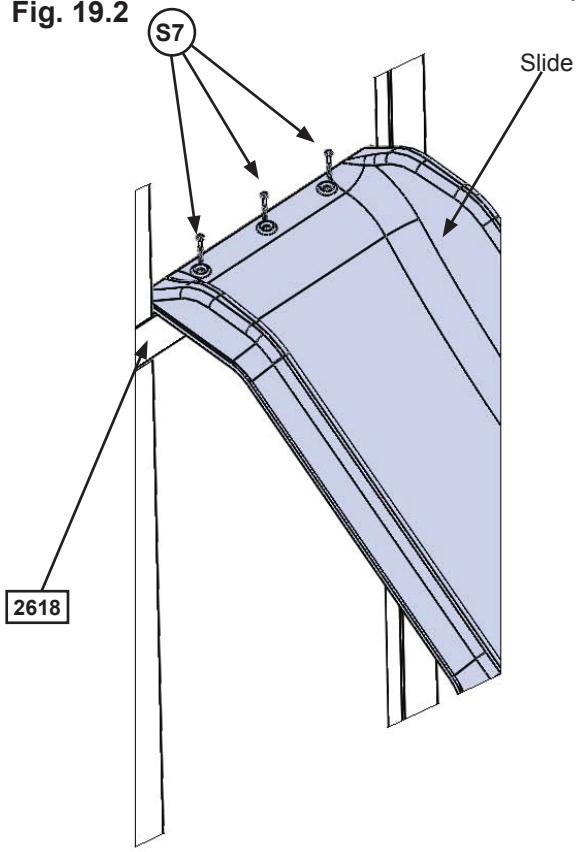
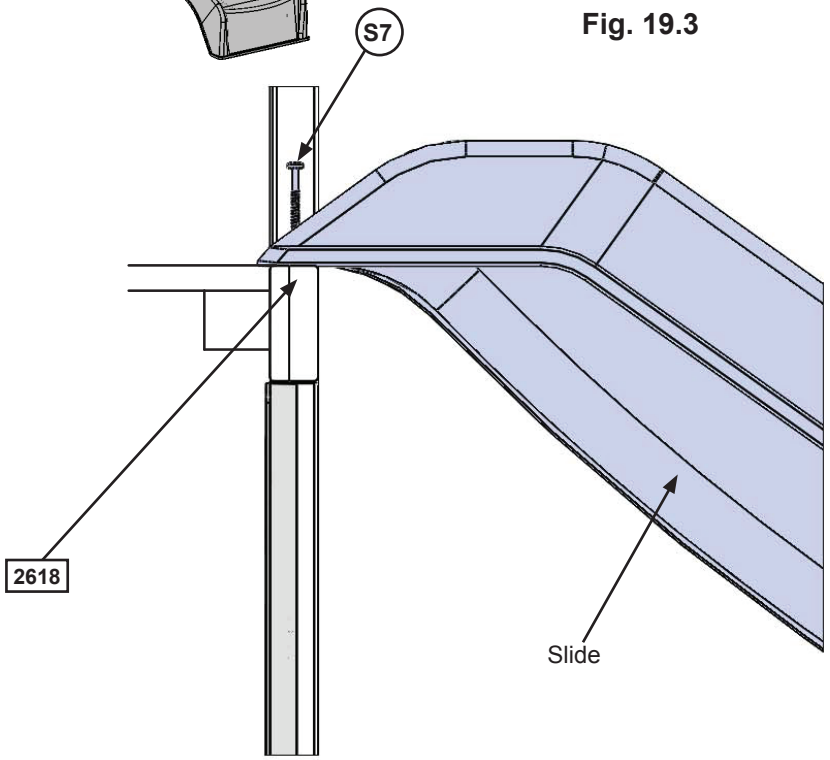


Fig. 19.3



Hardware

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

Other Parts

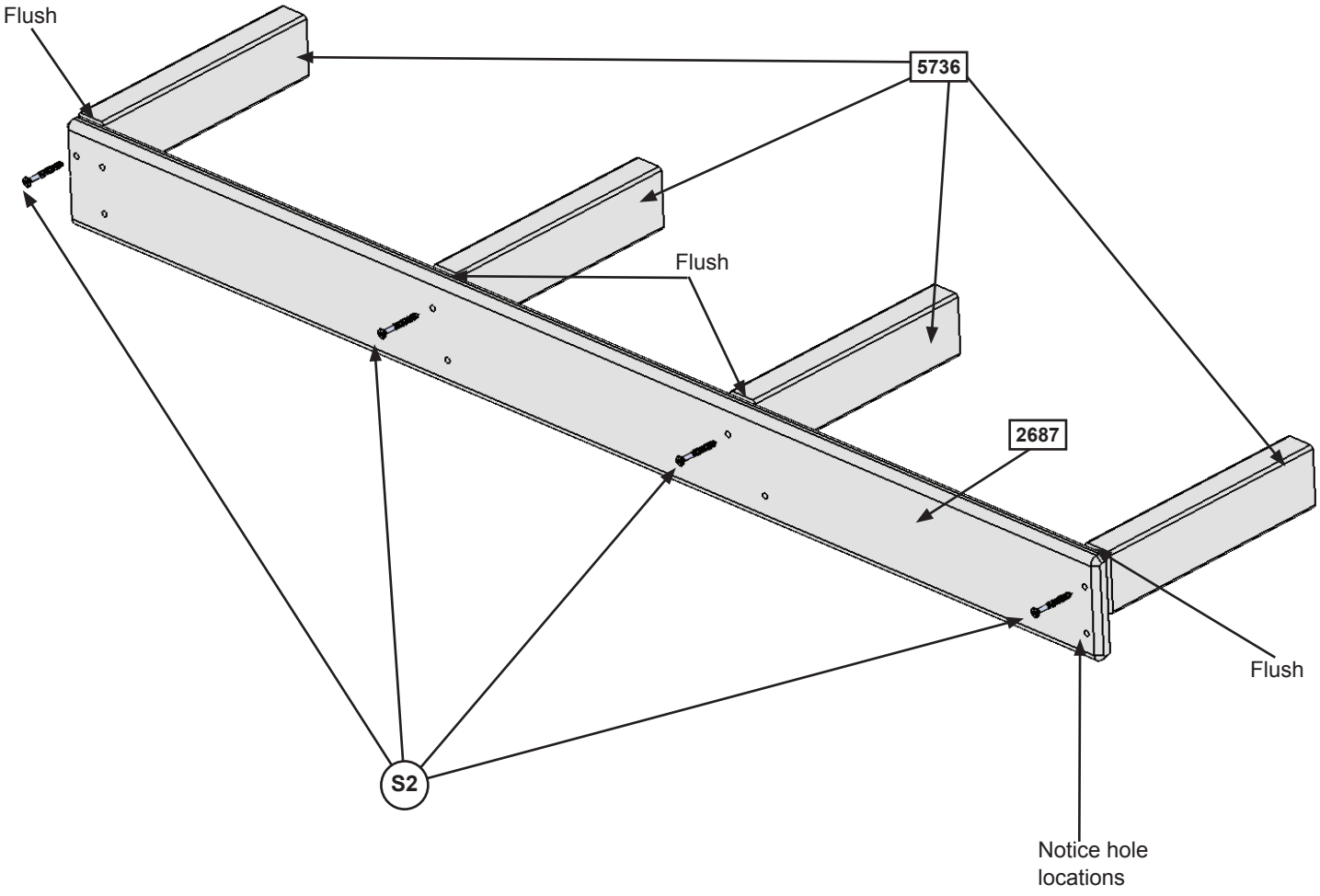
1 x Slide (sold separately - A24912)

Step 20: Counter Assembly
Part 1

A: Flush to each end and to the top of (2687) Counter Back attach 1 (5736) Counter Joist per end with 1 (S2) #8 x 1-1/2" Wood Screw per joist. Notice the remaining holes at the bottom of (2687) Counter Back. (fig. 20.1)

B: Place the remaining 2 (5736) Counter Joists centred over the pilot holes in the middle of (2687) Counter Back and flush to the top of the board, then attach, in the top holes, with 1 (S2) #8 x 1-1/2" Wood Screw per joist. (fig. 20.1)

Fig. 20.1



Wood Parts	Hardware
1 x [2687] Counter Back 1 x 4 x 40-5/8"	4 x (S2) #8 x 1-1/2" Wood Screw
4 x [5736] Counter Joist 1 x 2 x 8-1/4"	

Step 20: Counter Assembly Part 2

C: On the inside of (2627) SW Wall Panel place Counter Assembly so the top of (2687) Counter Back is flush to the top of the opening then attach with 5 (S2) #8 x 1-1/2" Wood Screws. (fig. 20.2 and 20.3)

Fig. 20.2
Outside View

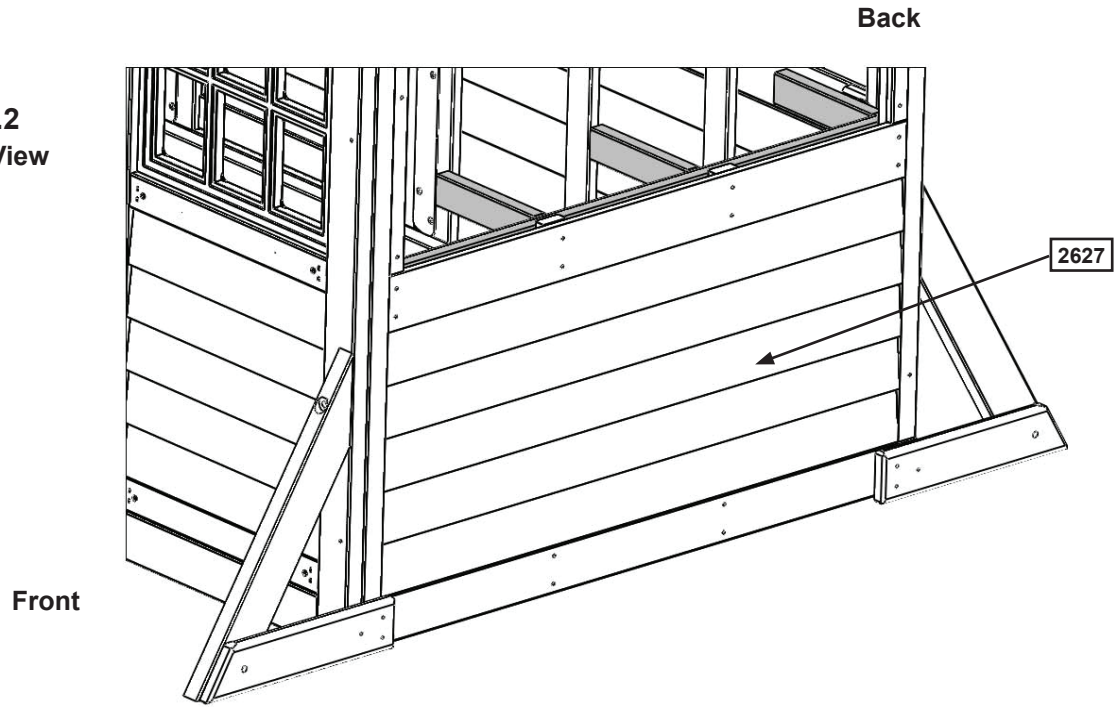
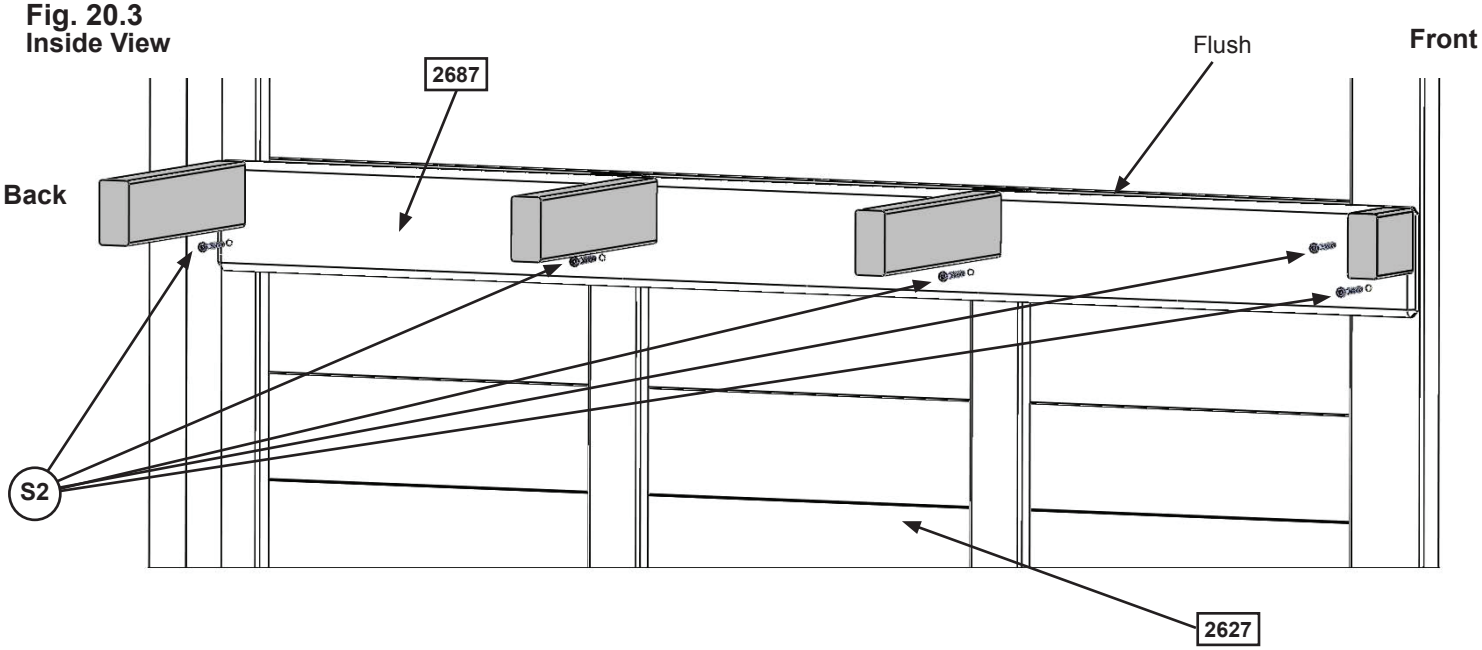


Fig. 20.3
Inside View



Hardware

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

Step 20: Counter Assembly
Part 3

D: Place 1 (6136) Counter Brace flush to the front and outside edge of each outer (5736) Counter Joist and tight to (2627) SW Wall Panel then attach with 2 (S3) #8 x 2-1/2" Wood Screws per brace. (fig. 20.4 and 20.5)

Fig. 20.4

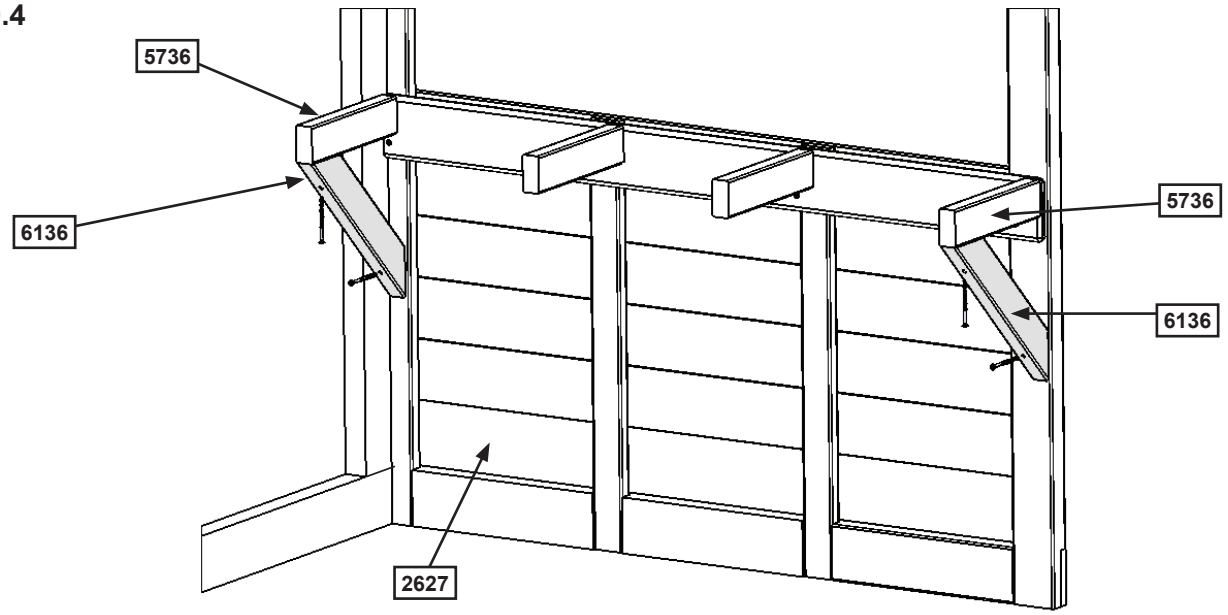
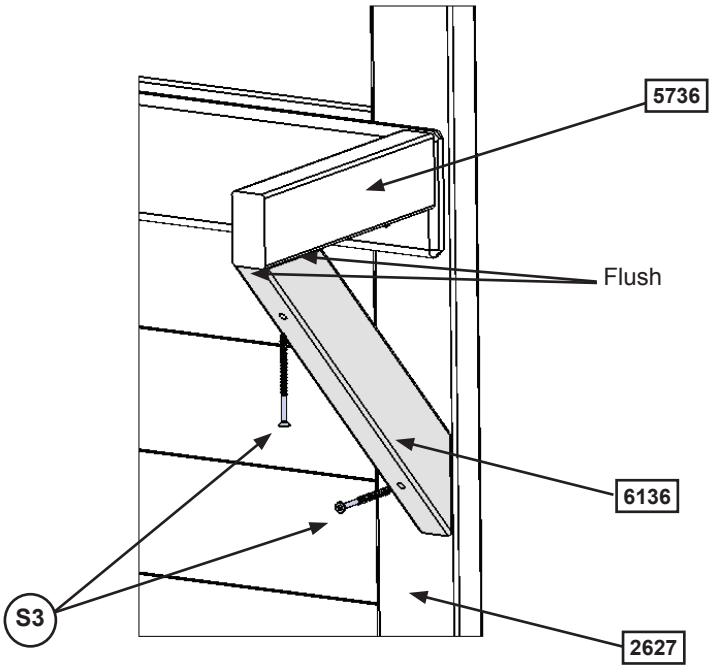


Fig. 20.5

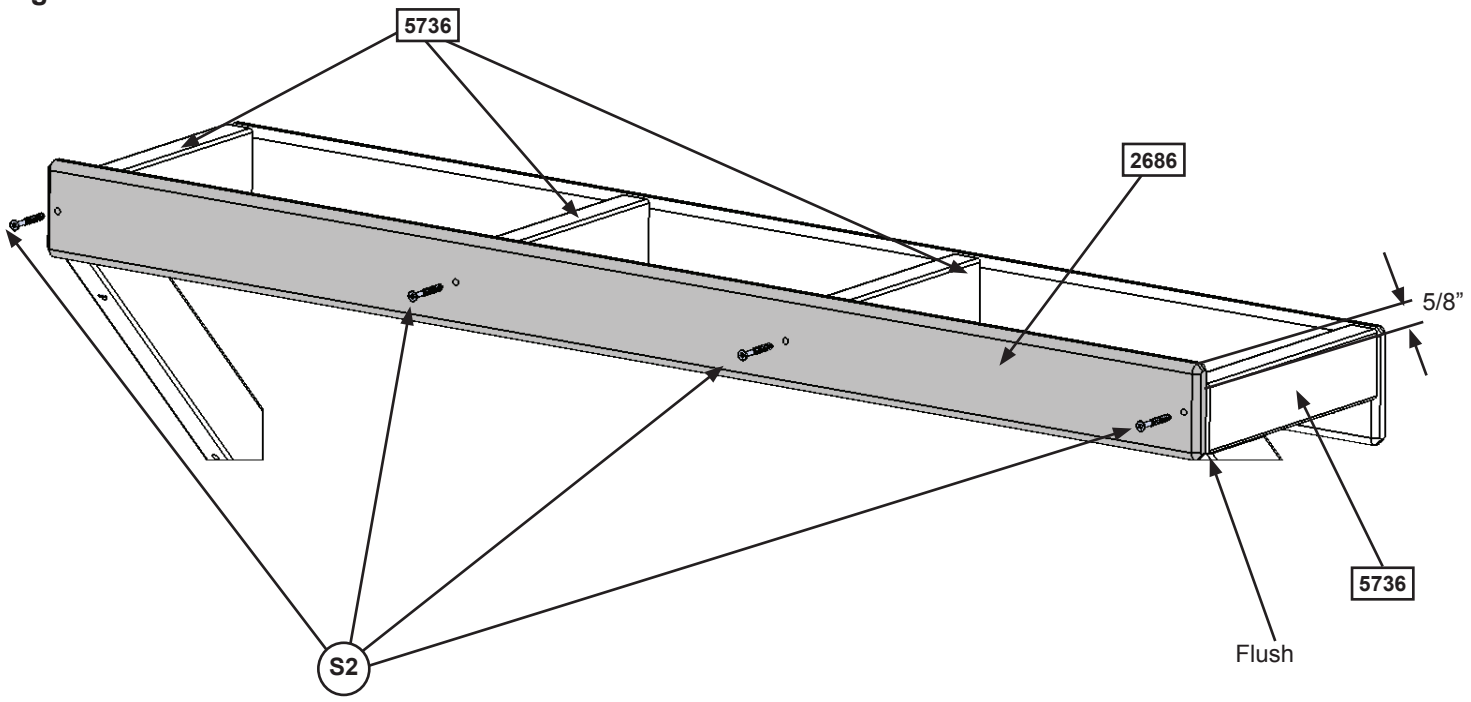


Wood Parts	Hardware
2 x 6136 Counter Brace 1 x 2 x 12-9/16"	4 x S3 #8 x 2-1/2" Wood Screw

Step 20: Counter Assembly Part 4

E: Place (2686) Counter Front against (5736) Counter Joists so the ends are flush and the centre (5736) Counter Joists are centred over the pilot holes. Measure 5/8” down from the top of (2686) Counter Front on both ends and attach to the (5736) Counter Joists with 4 (S2) #8 X 1-1/2” Wood Screws. (fig. 20.6)

Fig. 20.6



Wood Parts	Hardware
1 x 2686 Counter Front 5/8 x 2-3/4 x 40-5/8”	4 x S2 #8 x 1-1/2” Wood Screw

Step 20: Counter Assembly
Part 5

F: Tight to (2687) Counter Back attach (2685) Counter Top to each (5736) Counter Joist with 4 (TS) #6 x 30 mm Trim Screws. (fig. 20.7)

G: Tight to (2685) Counter Top and flush to the outside edges of the outer (5736) Counter Joists attach 1 (5536) Counter Side per joist with 3 (TS) #6 x 30 mm Trim Screws per board. (fig. 20.7)

H: Tight to (2685) Counter Top and centred over the middle 2 (5736) Counter Joists with ends flush to the outside edges attach 2 (2716) Counter Mid Tops with 4 (TS) #6 x 30 mm Trim Screws per board. (fig. 20.7)

I: Attach (2685) Counter Top to (2627) SW Wall Panel with 2 (TS) #6 x 30 mm Trim Screws per board. (fig. 20.8)

Fig. 20.7

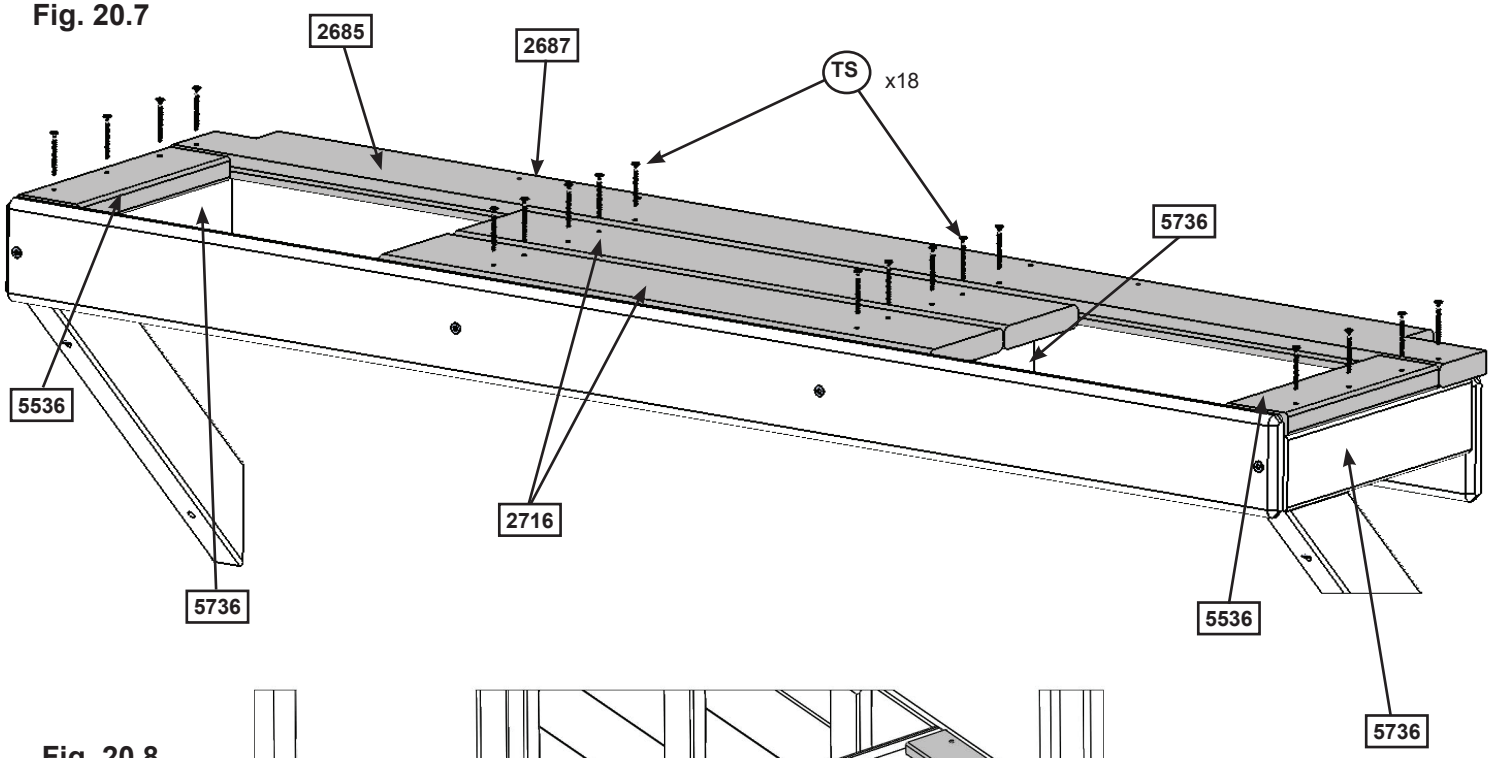
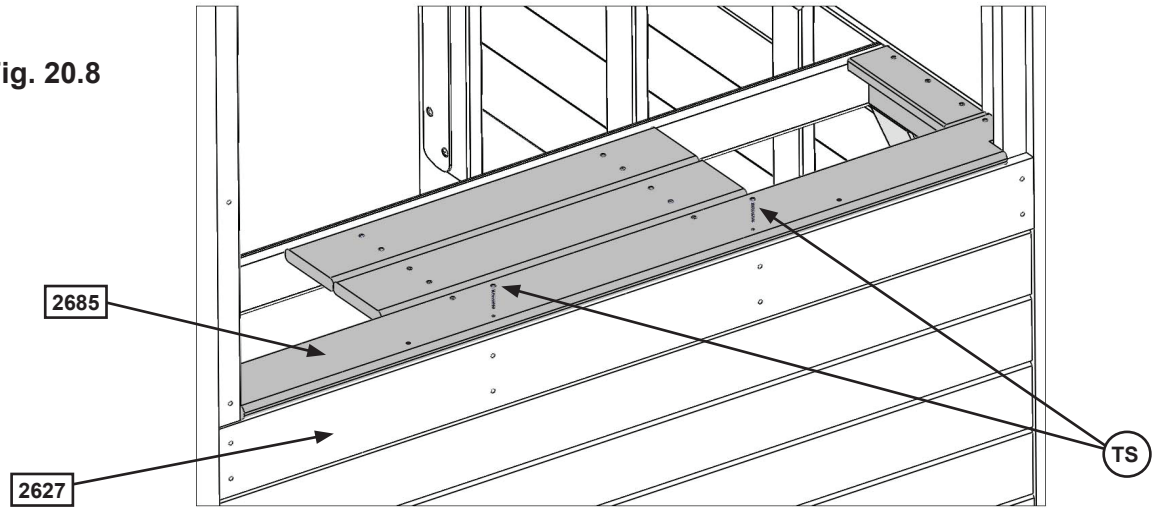


Fig. 20.8



Wood Parts

2 x 2716 Counter Mid Top 1 x 4 x 17-5/8"
1 x 2685 Counter Top 1 x 4 x 40-5/8"
2 x 5536 Counter Side 5/8 x 2 x 6-3/4"

Hardware

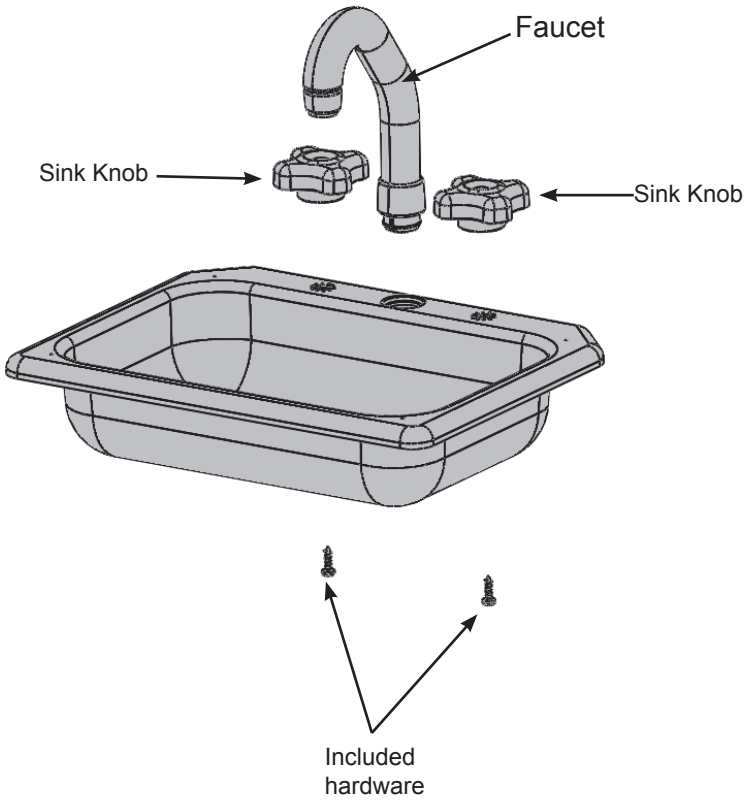
20 x (TS) #6 x 30 mm Trim Screw

Step 20: Counter Assembly
Part 6

J: Place Faucet and 2 Sink Knobs in opening of Sink and attach Sink Knobs with included hardware. (fig. 20.9)

Important: Use a hand held screw driver and DO NOT over tighten.

Fig. 20.9



Other Parts

1 x Sink
2 x Sink Knobs
1 x Faucet

Step 20: Counter Assembly
Part 7

K: Place Sink and Stove in the openings of the Counter Assembly then attach 4 Mount Clips with included hardware to the bottom of the Sink and Stove to secure in place. (fig. 20.10 and 20.11)

Important: Use a hand held screw driver and DO NOT over tighten.

Note: To remove the Sink or Stove loosen screw 1/4 turn then twist Mount Clips.

Fig. 20.10

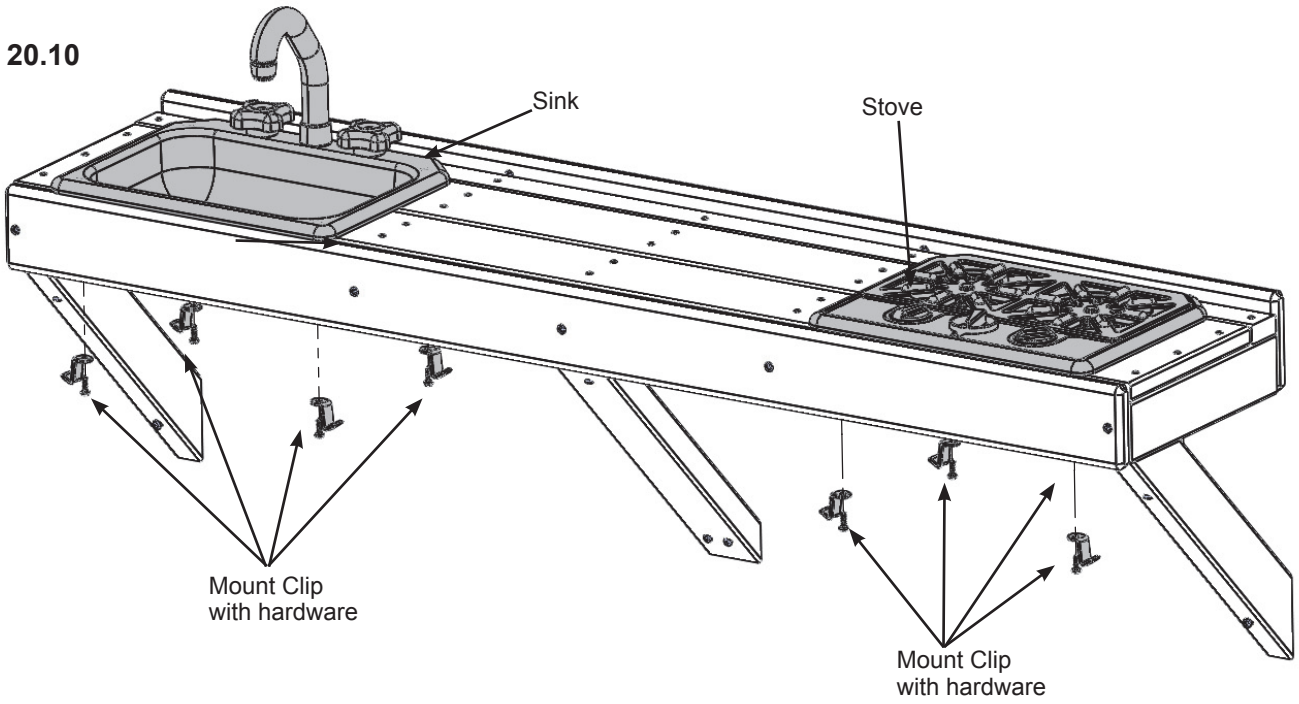
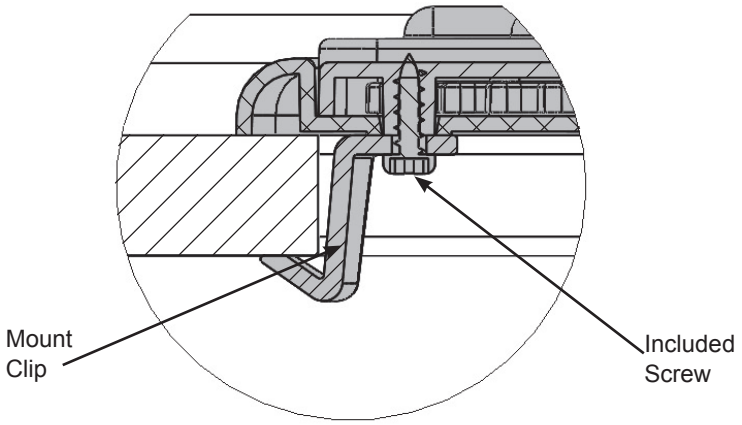


Fig. 20.11



Other Parts

1 x Stove
8 x Mount Clip

Step 21: Attach Utensil Shelf

A: From inside the assembly, centred in the top of the opening of (2627) SW Wall Panel above the counter attach Utensil Shelf with 2 (S5) #8 x 1/2" Pan Screws as shown in fig. 21.1 and 21.2.

B: Attach Pot, Pan and Spatula to the Utensil Shelf. (fig. 21.2 and 21.3)

Fig. 21.1

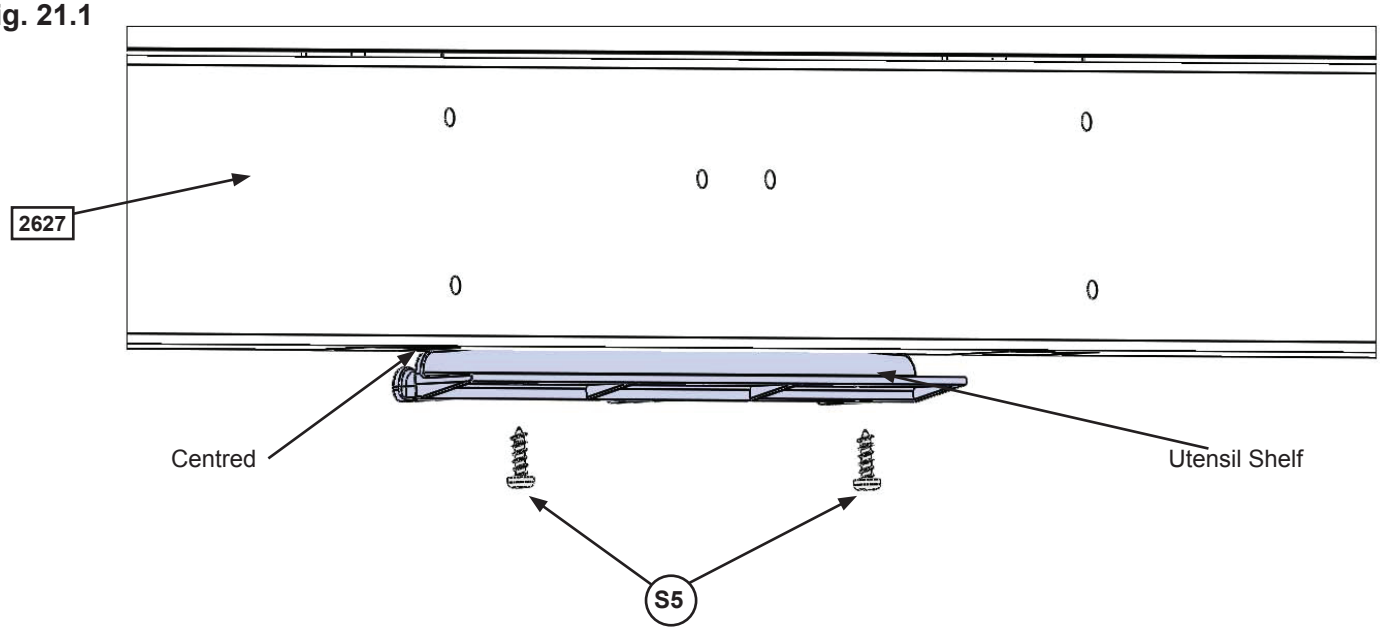


Fig. 21.2

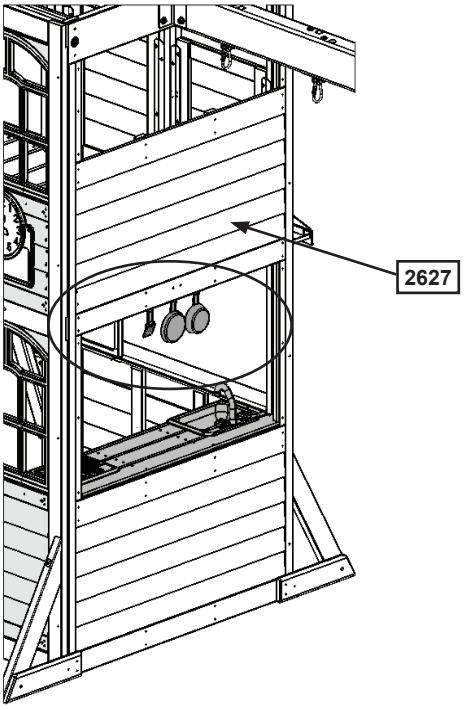
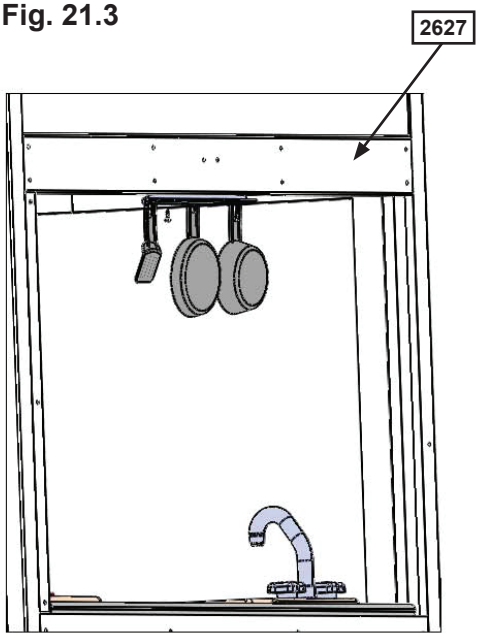


Fig. 21.3



Hardware

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

Other Parts

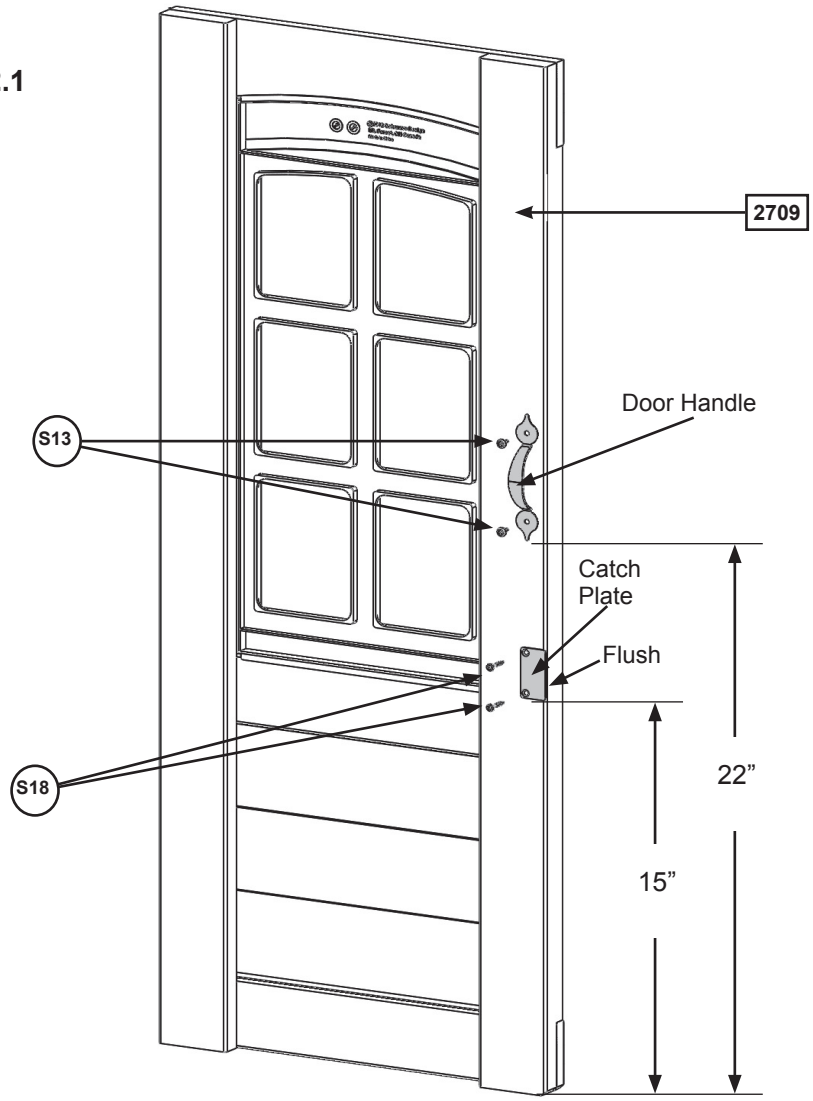
1 x Utensil Shelf
1 x Pot
1 x Pan
1 x Spatula

Step 22: Attach Door Components Part 1

A: On the inside of (2709) Door Window Panel measure 15” up from the bottom and attach Catch Plate flush to the edge using 2 (S18) #6 x 1” Wood Screws. (fig. 22.1)

B: On the inside of (2709) Door Window Panel measure 22” up from the bottom and attach 1 Door Handle using 2 (S13) #6 x 5/8” Pan Screws. (fig. 22.1)

Fig. 22.1



Inside View

Wood Parts	Hardware	Other Parts
1 x 2709 Door Window Panel 1-1/4 x 15-3/4 x 40-3/4”	2 x S18 #6 x 1” Wood Screw	1 x Door Handle
	2 x S13 #6 x 5/8” Pan Screw	1 x Catch Plate

Step 22: Attach Door Components Part 2

C: On the outside of the (2709) Door Window Panel attach the second Door Handle at approximately the same place as the one on the inside. Use 2 (S13) #6 x 5/8" Pan Screws. (fig. 22.2)

D: On the opposite side of the Door Handle measure 5/8" from the top and bottom of (2709) Door Window Panel attach 2 Door Hinges on the outside using 3 (S13) # 6 x 5/8" Pan Screws per Hinge. (fig. 22.2 and 22.4)

Note: Hinge stops must be tight to (2709) Door Window Panel. (fig. 22.3)

Fig. 22.2

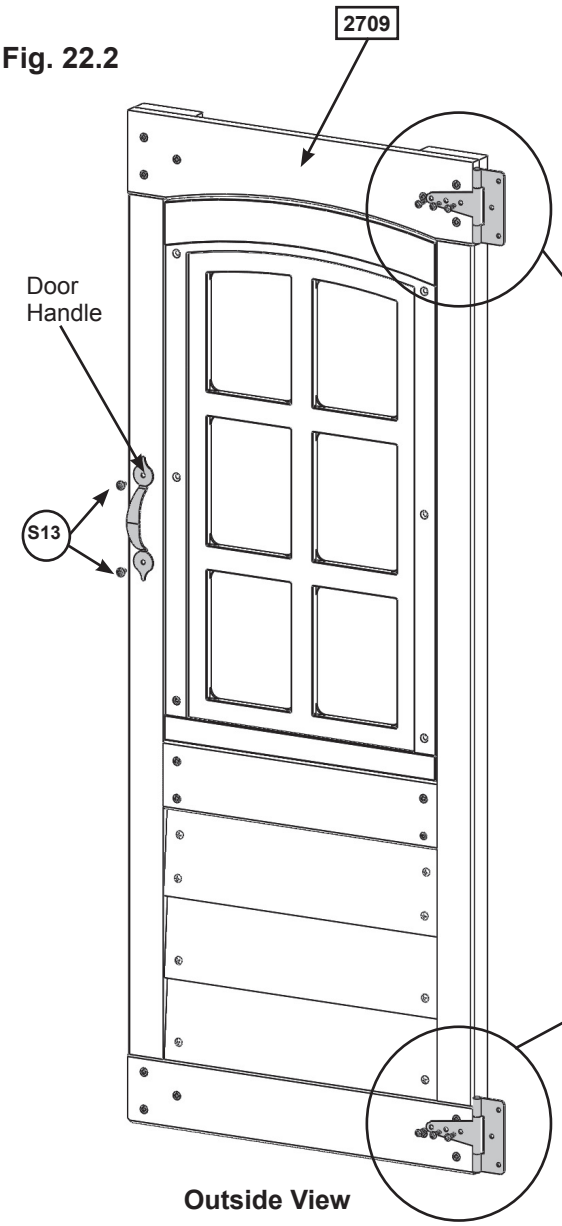


Fig. 22.3

Top View

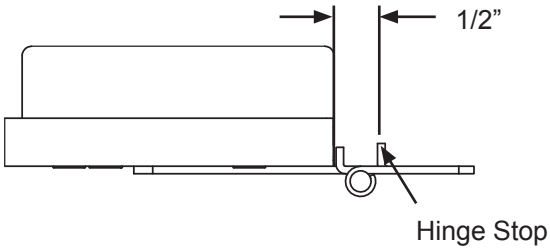
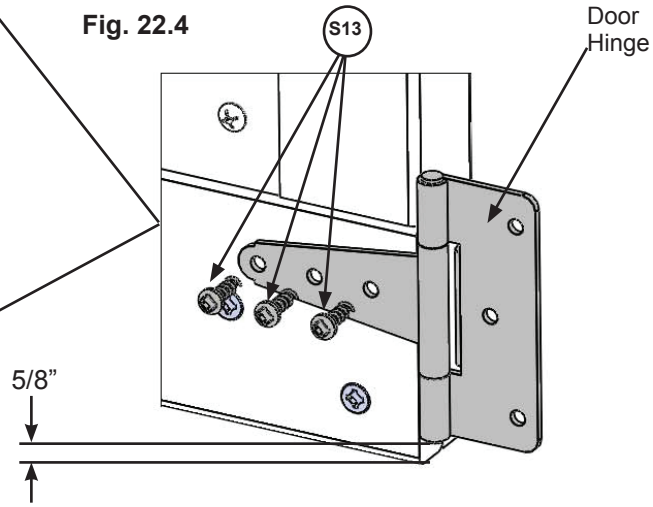


Fig. 22.4



Hardware

8 x (S13) #6 x 5/8" Pan Screw

Other Parts

1 x Door Handle
2 x Door Hinge

Step 23: Attach Door Assembly to Fort

A: On the Front of the fort in the opening of (2618) Front Back Panel, measure 5/8” up from the bottom of the opening and maximum 5/8” from the inside edge of (2601) Lower Jamb and attach the remaining side of the hinges using 3 (S13) #6 x 5/8” Pan Screws per hinge. (fig. 23.1, 23.2 and 23.3)

Fig. 23.1

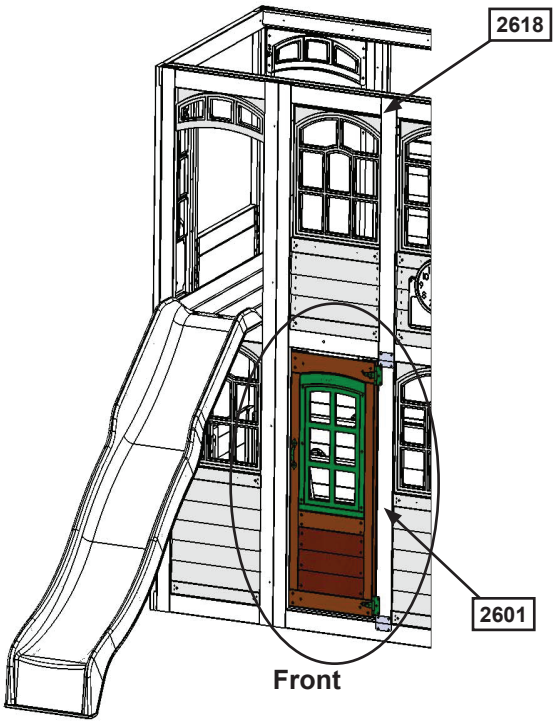


Fig. 23.2
Outside View

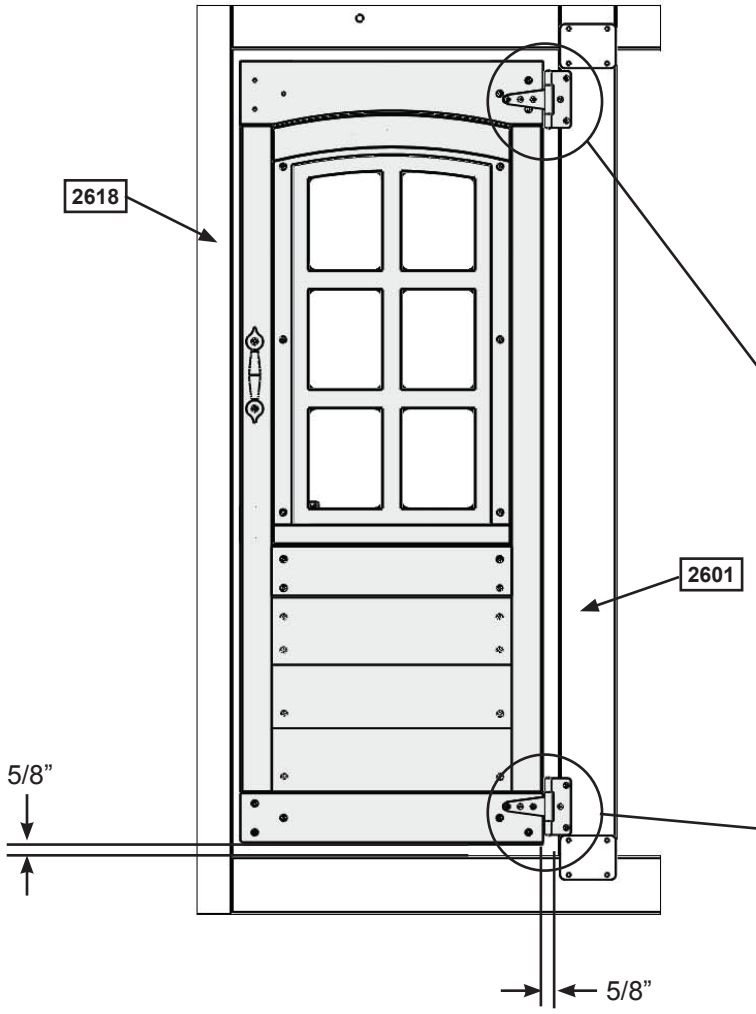
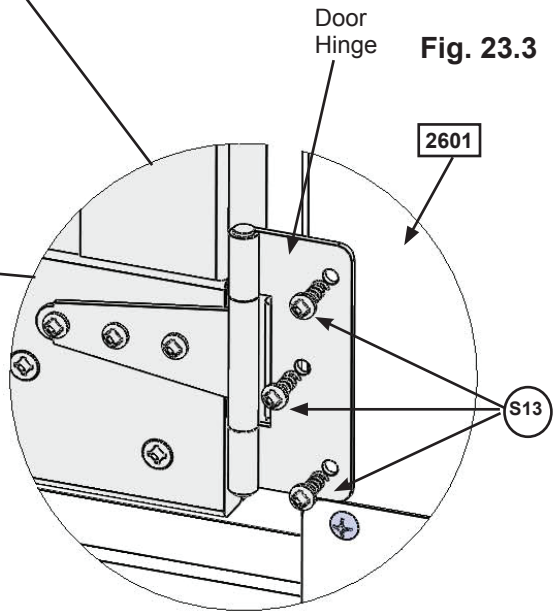


Fig. 23.3



Hardware

6 x (S13) #6 x 5/8” Pan Screw

Step 24: Attach Door Stop

A: In the notched out opening of (2715) Door Stop attach the Magnetic Catch using 2 (S18) #6 x 1” Wood Screws. (fig. 24.1) **Important: Use a hand held screw driver and DO NOT over tighten.**

B: On the inside of the assembly, attach (2715) Door Stop to (2618) Front Back Panel with 3 (S11) #8 x 2” Wood Screws, making sure (2715) Door Stop overhangs the panel by 1-1/4” and is in position to receive the Catch Plate. (fig. 24.2 and 24.3).

Fig. 24.2
Inside View

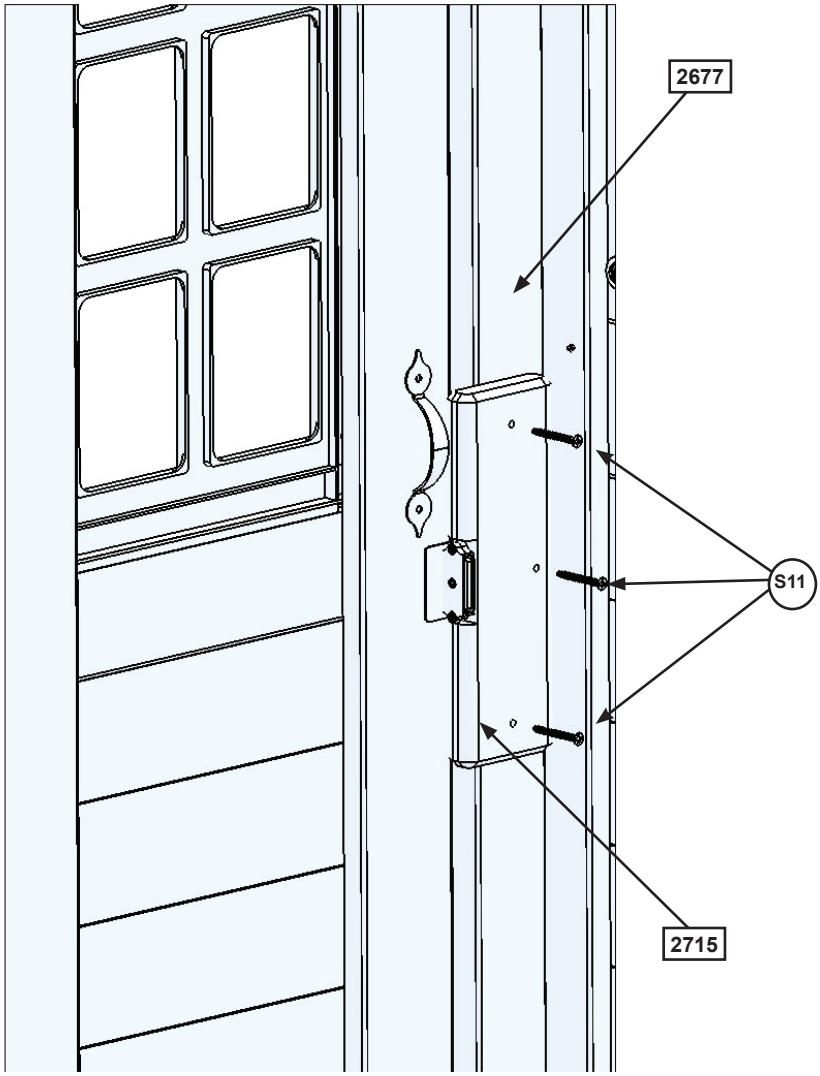


Fig. 24.1

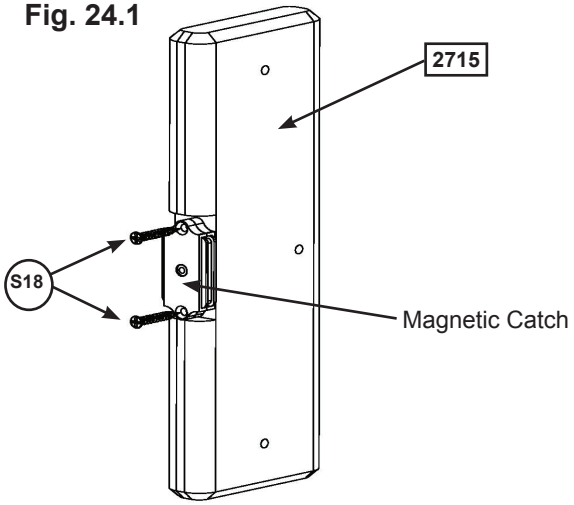
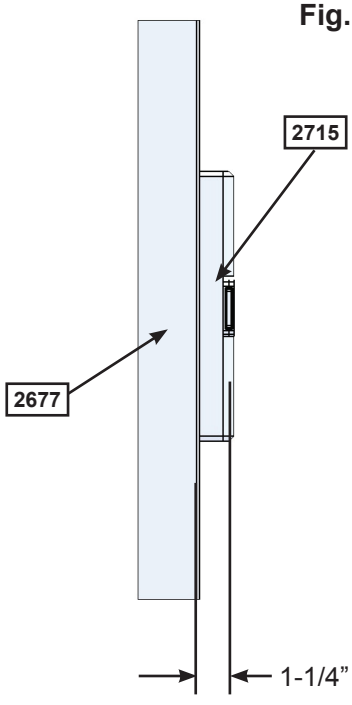


Fig. 24.3



Wood Parts
1 x 2715 Door Stop 5/4 x 3 x 10”

Hardware
2 x S18 #6 x 1” Wood Screw
3 x S11 #8 x 2” Wood Screw

Other Parts
1 x Magnetic Catch

Step 25: 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. 25.3)

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. 25.1. 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. 25.2. This creates the Flange Assembly.

Fig. 25.1

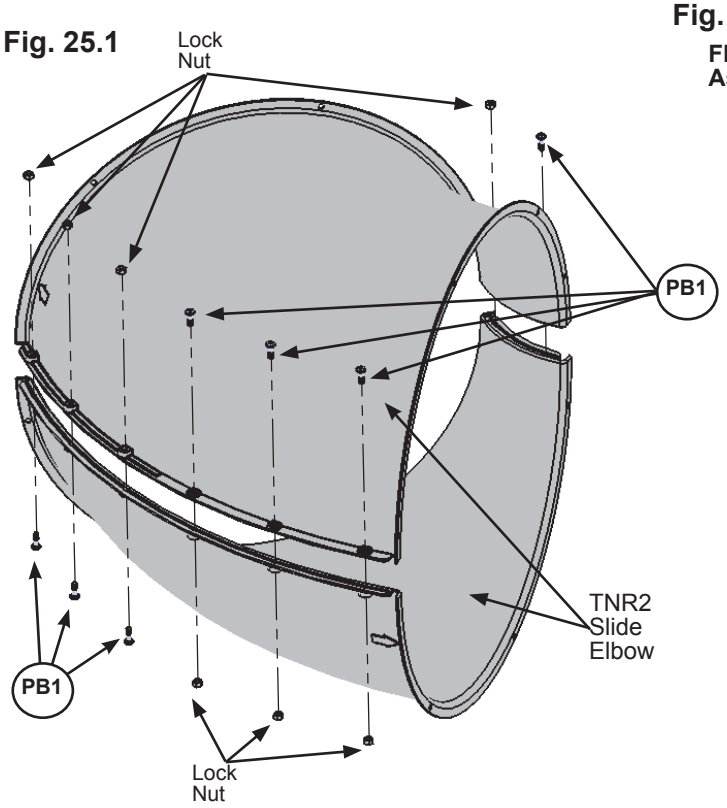


Fig. 25.2
Flange Assembly

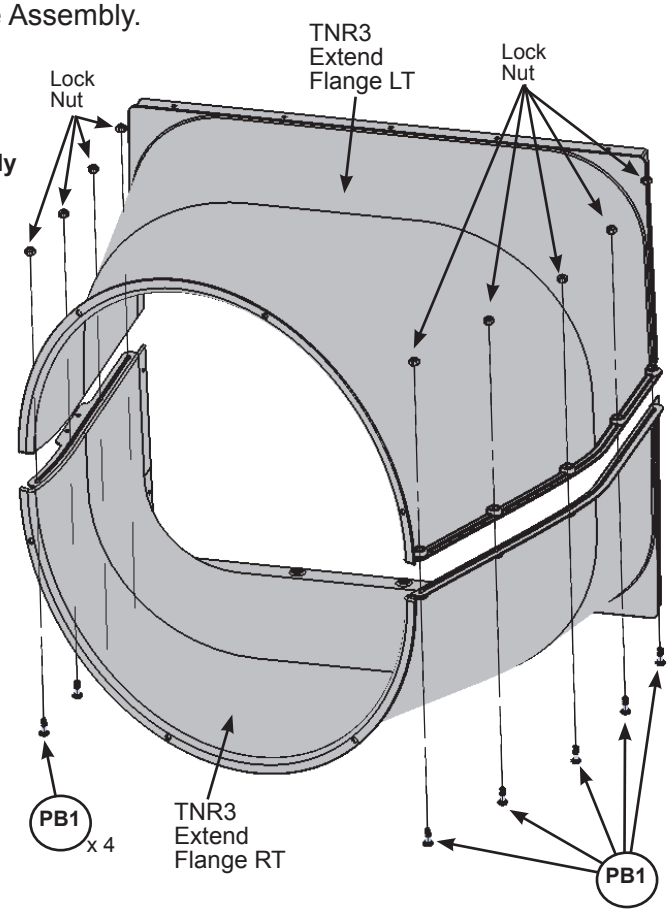
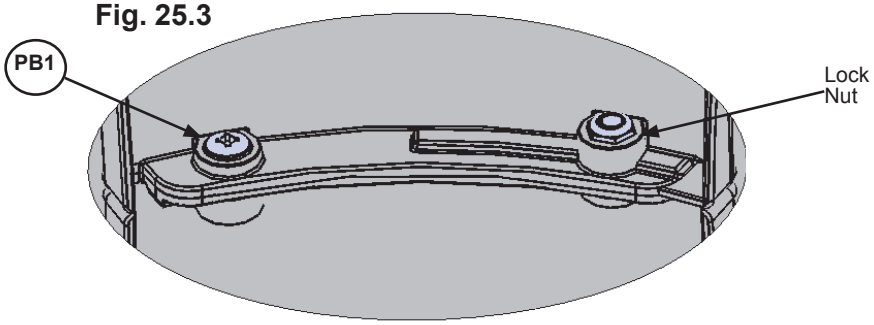


Fig. 25.3



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 25: 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. 25.3)

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

Fig. 25.4

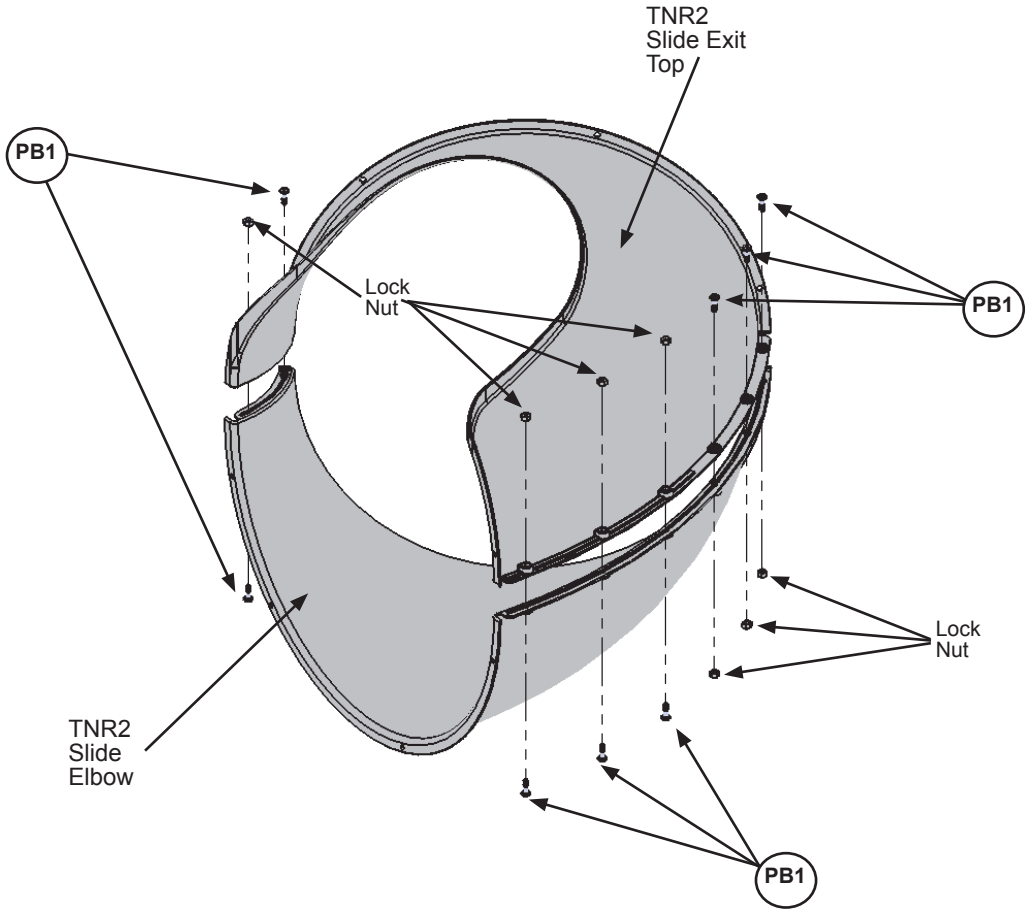
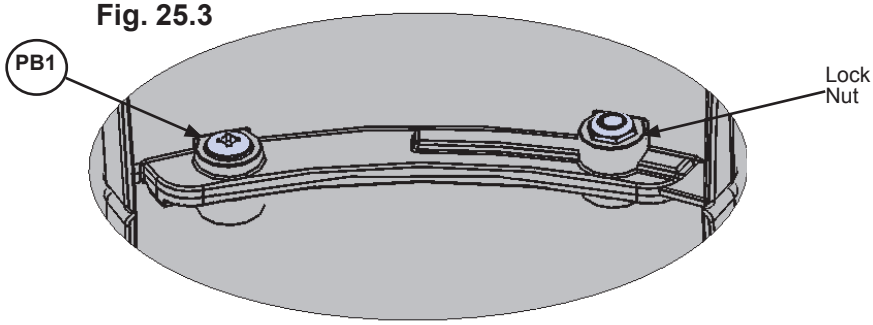


Fig. 25.3



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 26: Attach Flange Assembly to Fort Part 1

A: With a helper place the Flange Assembly flush to the top opening in (2622) End Panel Assembly as shown in fig. 26.1, then pre-drill 1/8" pilot holes in (8935) Lower SL Insert for the 4 bottom mounting locations (approximate spots where circles are on figure), making sure the pre-drilled holes are a minimum of 1" deep. (fig. 26.2)

B: Attach Flange Assembly to (8935) Lower SL Insert using 4 (S7) #12 x 2" Pan Screws (with #12 Screw Bezel) in the pre-drilled holes. (fig. 26.2) Make sure the flat surfaces of the Flange Assembly are flush to the (2622) End Panel Assembly and (2602) Upper Jamb as shown in fig. 26.3.

C: Attach the Flange Assembly flush to top of (2622) End Panel Assembly using 4 (S6) #12 x 1" Pan Screws (with #12 Screw Bezel) and to (2602) Upper Jamb and side of (2622) End Panel Assembly using 5 (S6) #12 x 1" Pan Screws per side. (fig. 26.2)

Fig. 26.1
Outside View

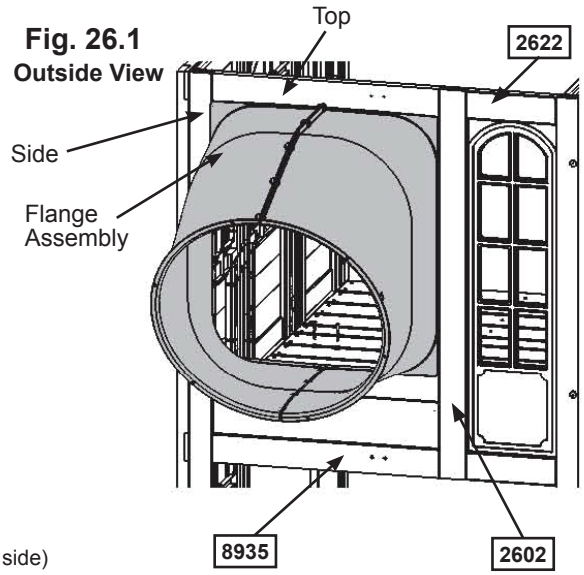


Fig. 26.2
Inside View

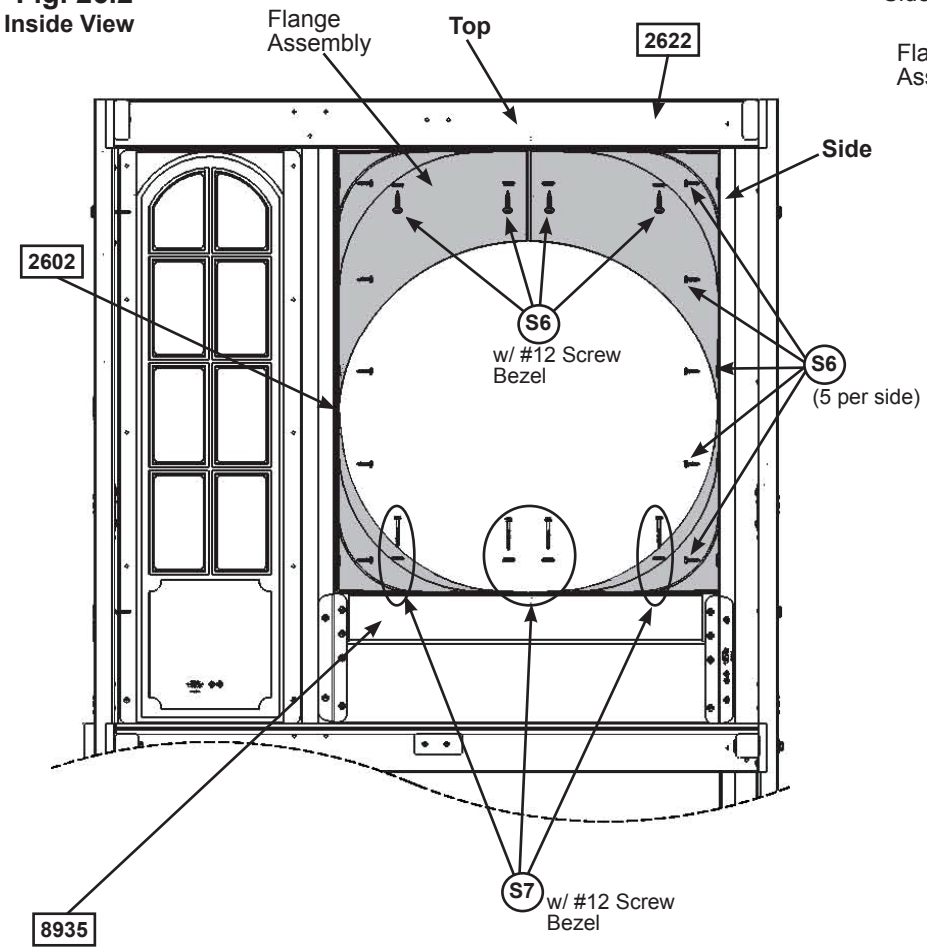
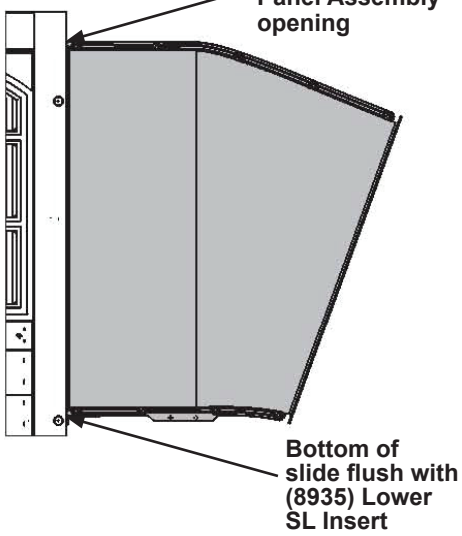


Fig. 26.3



Hardware

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

Step 26: Attach Flange Assembly to Fort Part 2

D: Place (8934) SL Gusset tight to (2622) End Panel Assembly, flush to the top of the bottom opening and attach to Flange Assembly with 2 (S6) #12 x 1” Pan Screws. (fig. 26.4 and 26.5)

E: Pre-drill pilot hole with a 1/8” drill bit then attach (8934) SL Gusset to (2622) End Panel Assembly with 1 (WL5) 1/4 x 2-1/2” Wafer Lag (with flat washer). (fig. 26.4 and 26.5)

Fig. 26.4

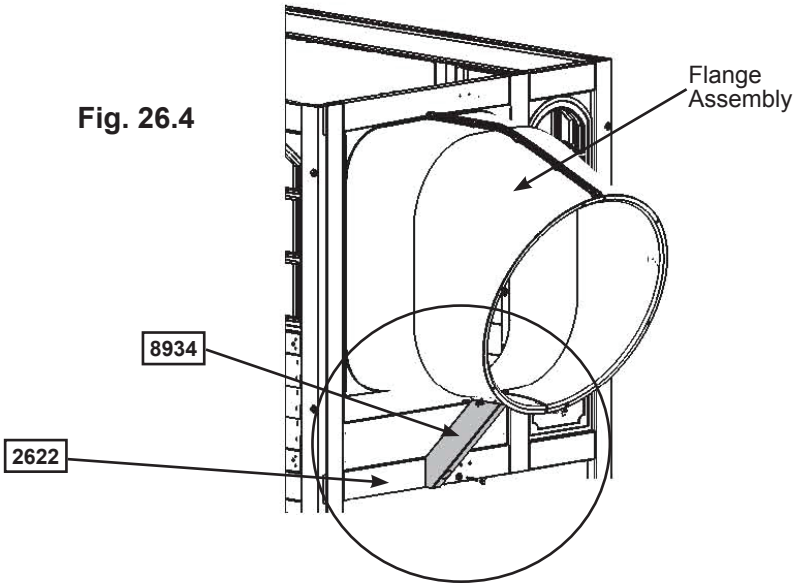
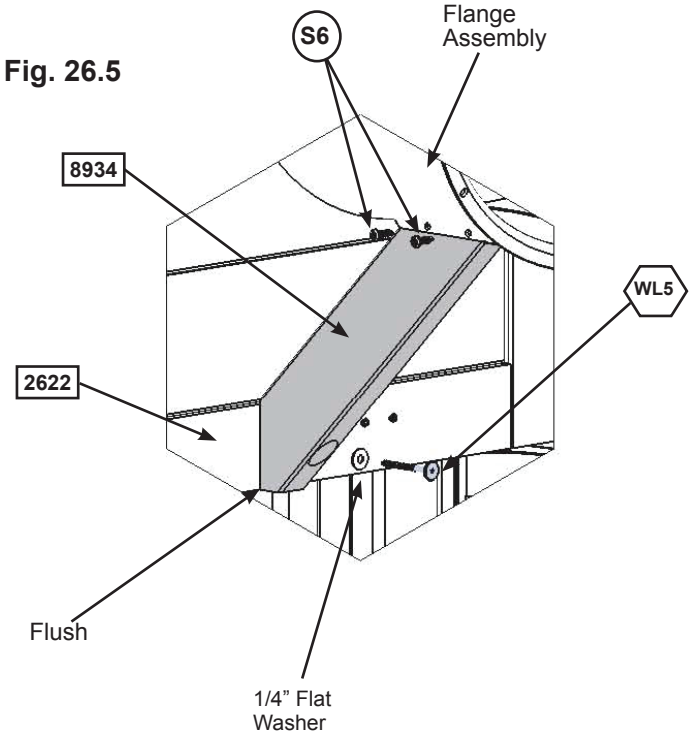


Fig. 26.5



Wood Parts

1 x 8934 **SL Gusset 1-1/4 x 3 x 15-3/4”**

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 27: Attach Elbow Assembly to Flange Assembly

Note: Keep all bolts loose until further step.

A: Fit one of the Elbow Assemblies to the Flange Assembly by lining up the arrows on each assembly. Attach Elbow Assembly to Flange Assembly using 6 (PB1) ¼ x 3/4" Pan Bolts and Square Lock Nut. (fig. 27.1, 27.2 and 27.3)

B: Attach one of the Elbow assemblies to another Elbow Assembly making sure to line up the arrows on each assembly. Attach 6 (¼ x 12.7)mm Pan Bolt with Square Lock Nut. Repeat this instruction for 2 more. (fig. 27.2 and 27.3)

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. 27.1

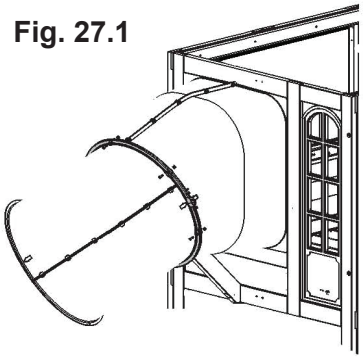
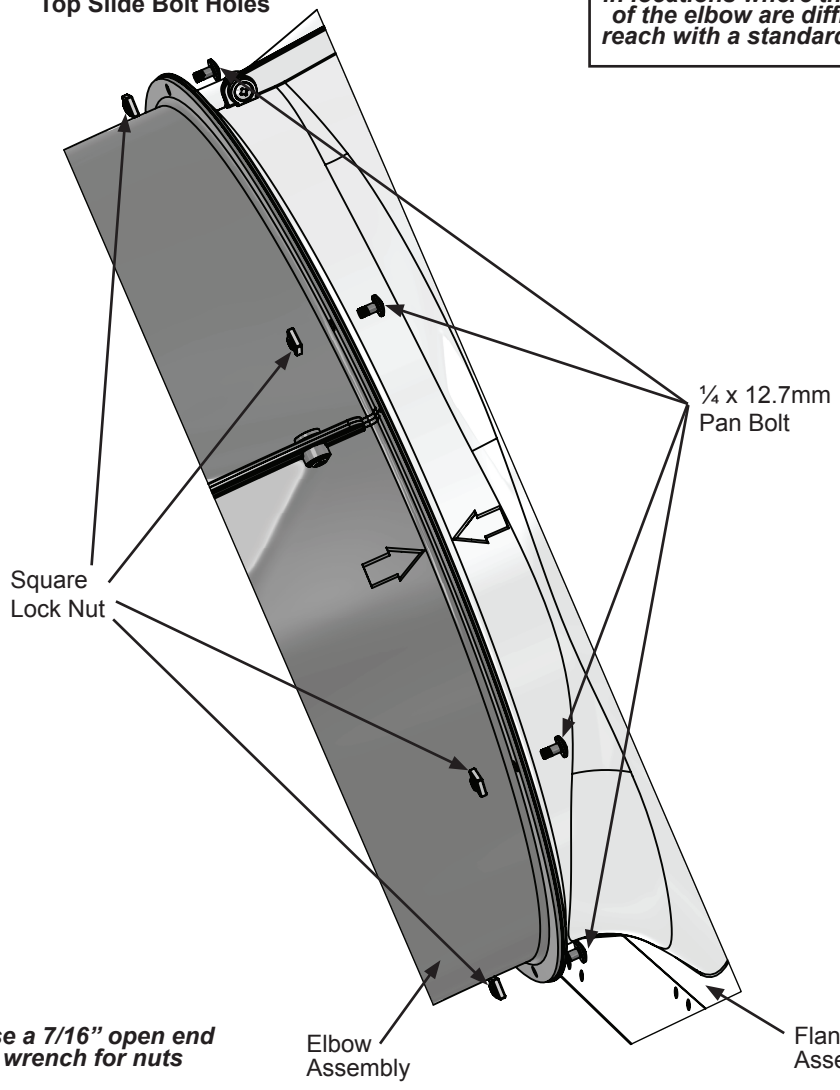
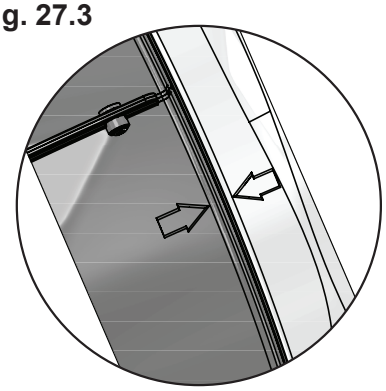


Fig. 27.2
Top Slide Bolt Holes



Use a 7/16" open end wrench for nuts

Fig. 27.3



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 28: 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. 28.1)

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. 28.2 and 28.3)

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. 28.1

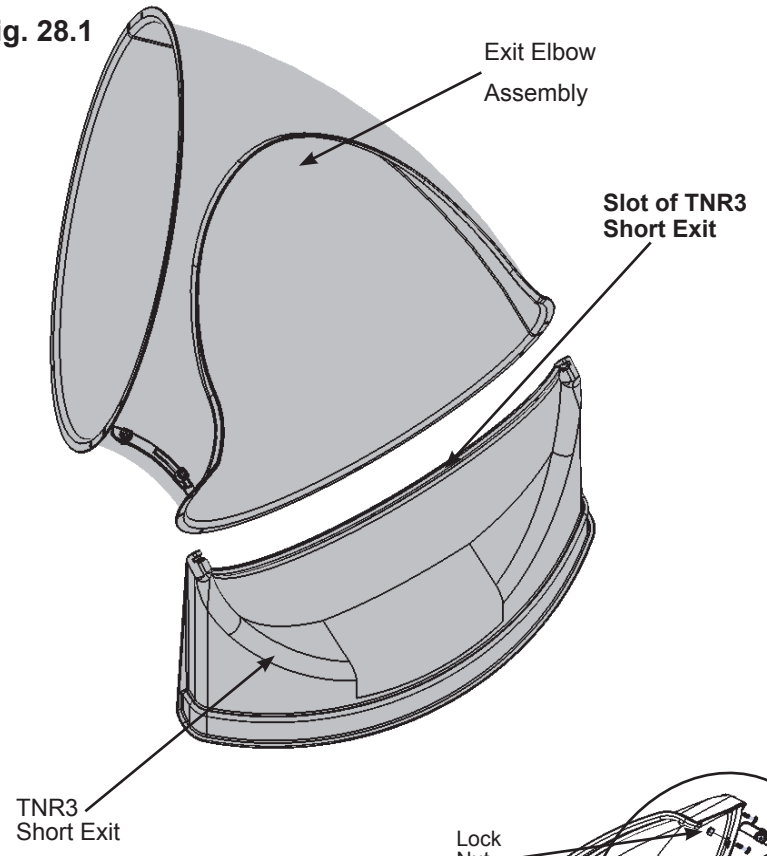


Fig. 28.2

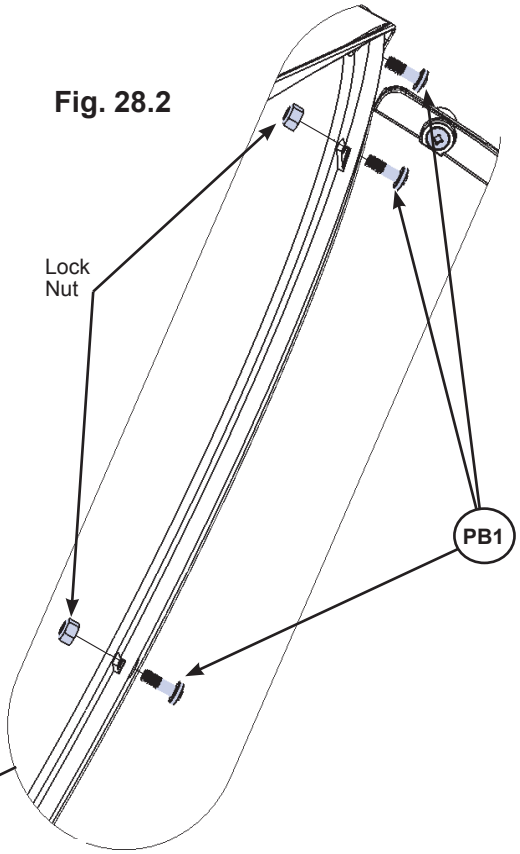
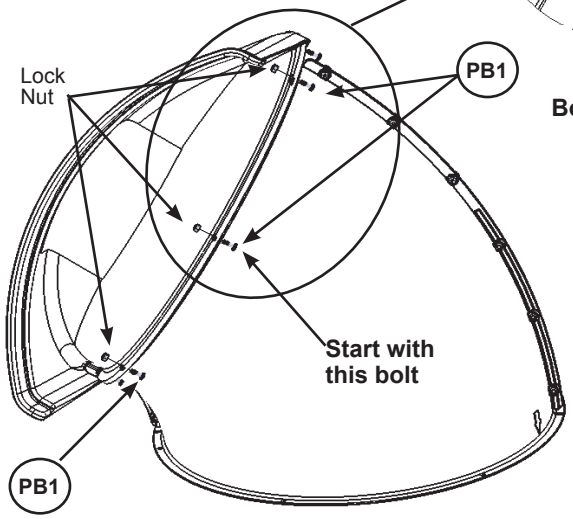


Fig. 28.3



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 29: 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. 29.1). Attach with 6 (¼ x 12.7mm) Pan Bolts and Square Lock Nuts. (fig. 29.2)

Fig. 29.1

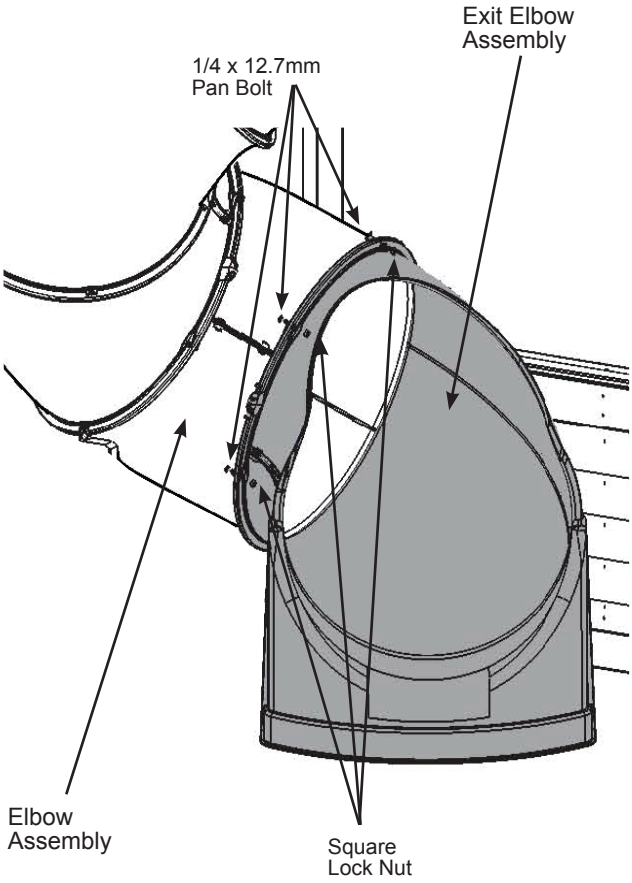
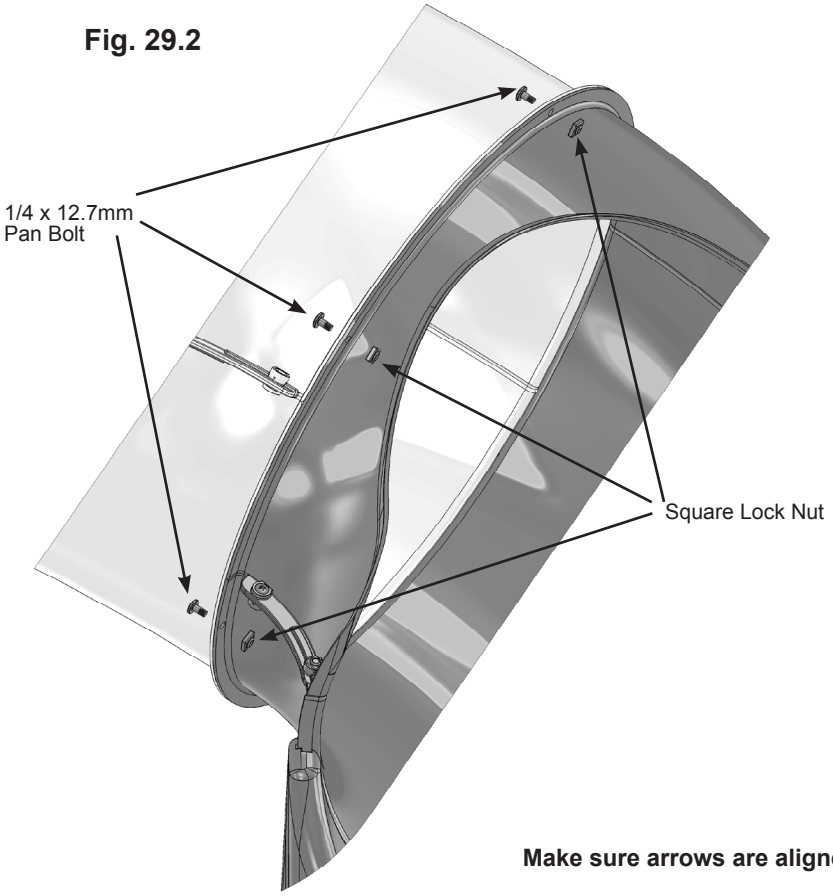


Fig. 29.2



Make sure arrows are aligned

Other Parts

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

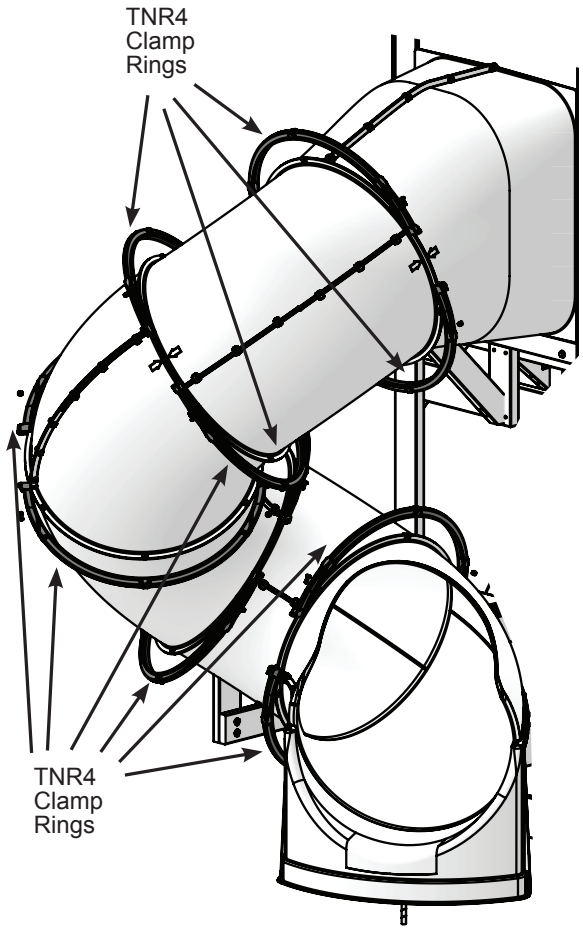
Step 30: Attach TNR 4 Clamp Rings

A: Place 2 TNR4 Clamp Rings around each joint making sure to match the arrows with the end of the Clamp Ring as shown in (fig. 30.1 & 30.2).

B: Connect TNR4 Clamp Rings in 2 spots using 1 (PB6) ¼ x 1" Pan Bolt (with lock nut) per side. (fig. 30.3)

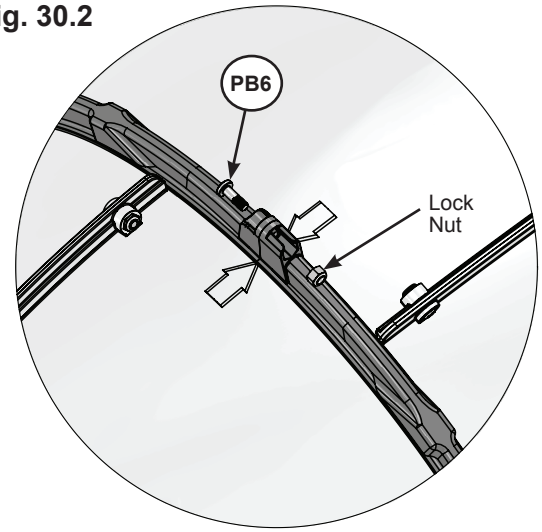
Note: When installing Pan Bolts make sure to look at holes so bolts go through the side with the round recess and the lock nuts go through the side with the hexagonal recess.

Fig. 30.1



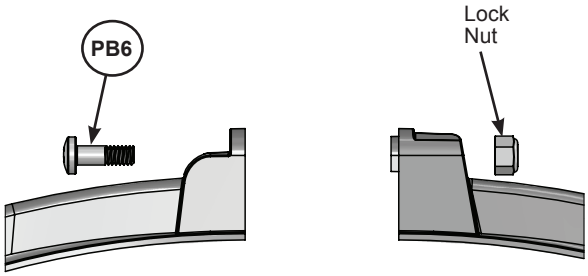
Note: For ease of assembly the bottom set of clamp rings can be turned 90 degrees to install bolts.

Fig. 30.2



Make sure arrows are aligned

Fig. 30.3



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)

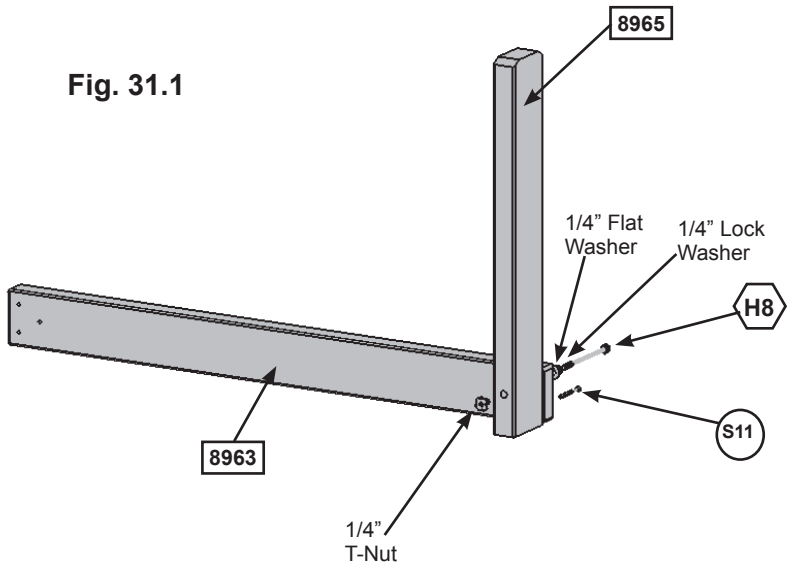
Other Parts

10 x TNR4 Clamp Ring

Step 31: TNR Brace Assembly

A: Attach (8965) TNR Upright to (8963) TNR Ground Brace with 1 (H8) 1/4 x 4-1/4” Hex Bolt (with lock washer, flat washer and t-nut) in the top hole. Make sure both boards are square then attach with 1 (S11) #8 x 2” Wood Screw. (fig. 31.1)

Fig. 31.1



Wood Parts

1 x 8963 TNR Ground Brace 1-1/4 x 3 x 32-1/4”

1 x 8965 TNR Upright 1-1/4 x 3 x 20-1/4”

Hardware

1 x S11 #8 x 2” Wood Screw

1 x H8 1/4 x 4-1/4” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)

Step 32: Attach TNR 3 Tube Support to Fort

A: Place TNR Brace Assembly against (2618) Front Back Panel so it sits under the slide. It is not attached yet. (fig. 32.1)

B: On the fourth Elbow Assembly attached remove the pan bolt and nut which is facing the fort (installed in Step 25). (fig. 32.1) **The bolt will no longer be needed, but keep the lock nut.**

C: Loosely attach TNR3 Tube Support (at the slightly bent end) to the slide seam using 1 (PB6) 1/4 x 1" Pan Bolt (with flat washer and the previously removed lock nut). (fig. 32.2)

D: Rotate TNR3 Tube Support and attach to (2622) End Panel Assembly using 1 (S6) #12 x 1" Pan Screw as shown in fig. 32.2.

E: Fully tighten screw and bolt.

Fig. 32.1

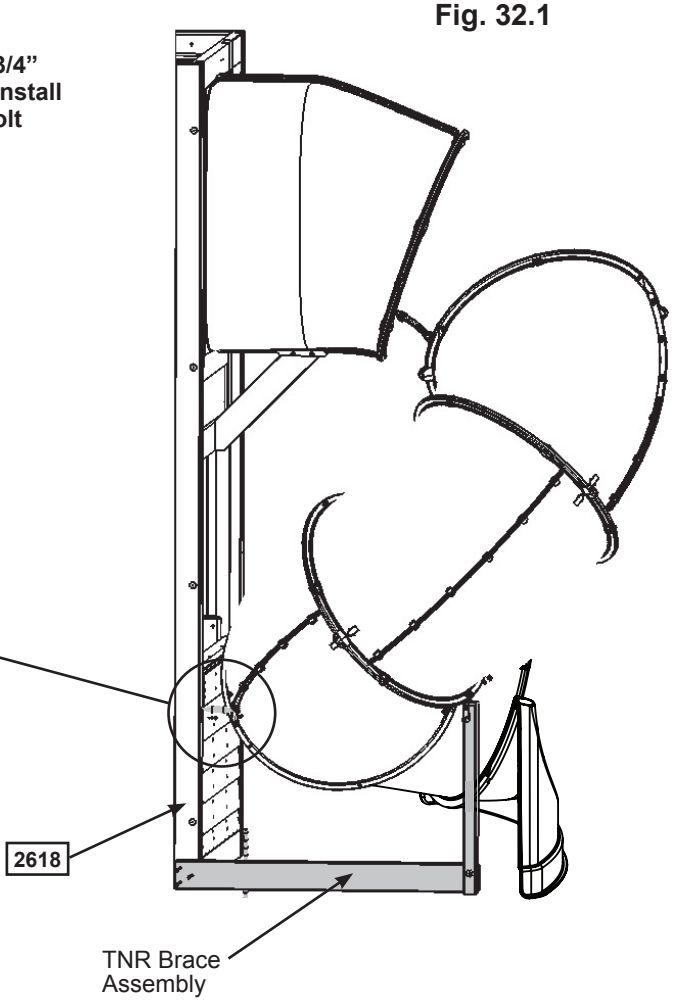
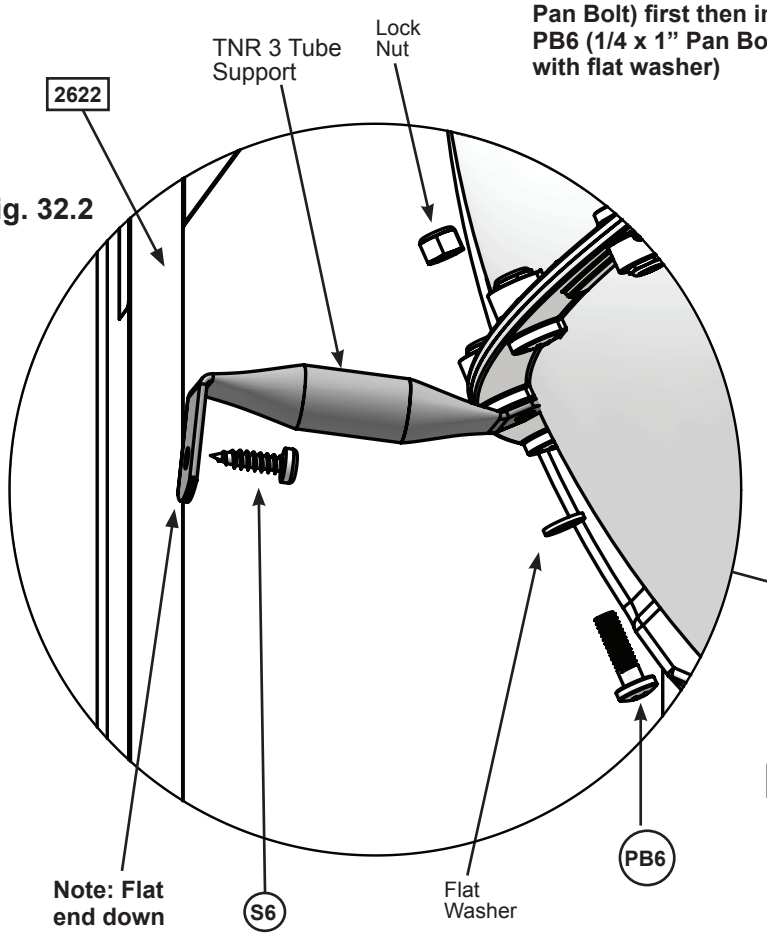


Fig. 32.2



Hardware

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

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

Other Parts

1 x TNR3 Tube Support

Step 33: Attach TNR Brace Assembly

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. 33.2)

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. 33.2)

C: Attach TNR4 Post Mount Base to (8965) TNR Upright, pre-drill with a 1/8" drill bit then attach with 2 (S6) #12 x 1" Pan Screws. (fig. 33.2)

D: Attach the Post Mount Clamp to the clamp ring using 1 (S37) #7 x 5/8" Pan Screw. (fig. 33.2)

E: Attach (8963) TNR Ground Brace flush to the bottom of (2618) Front Back Panel with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 33.1 and 33.3)

Fig. 33.1

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

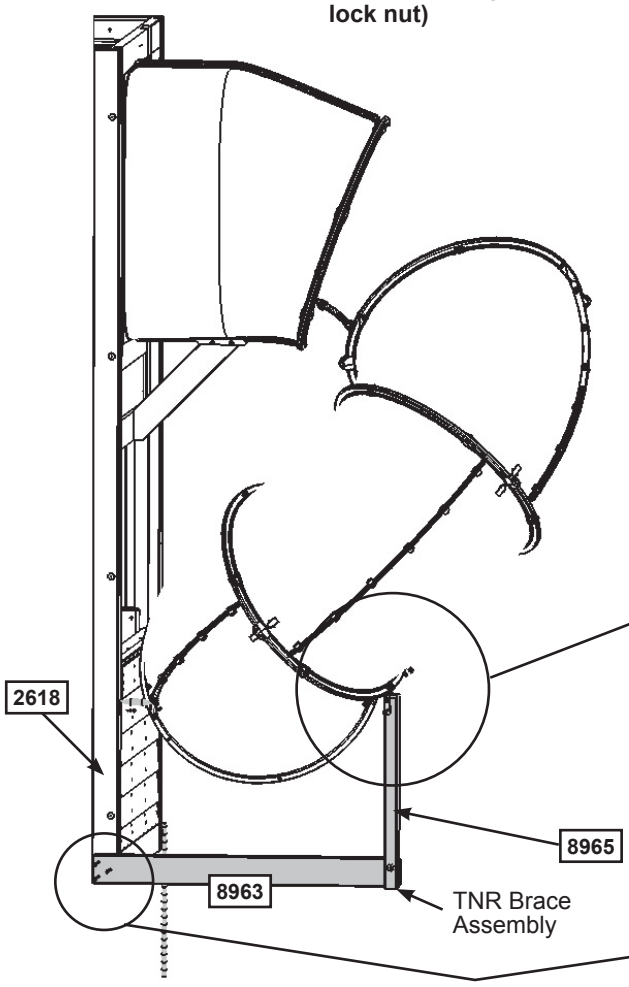


Fig. 33.2

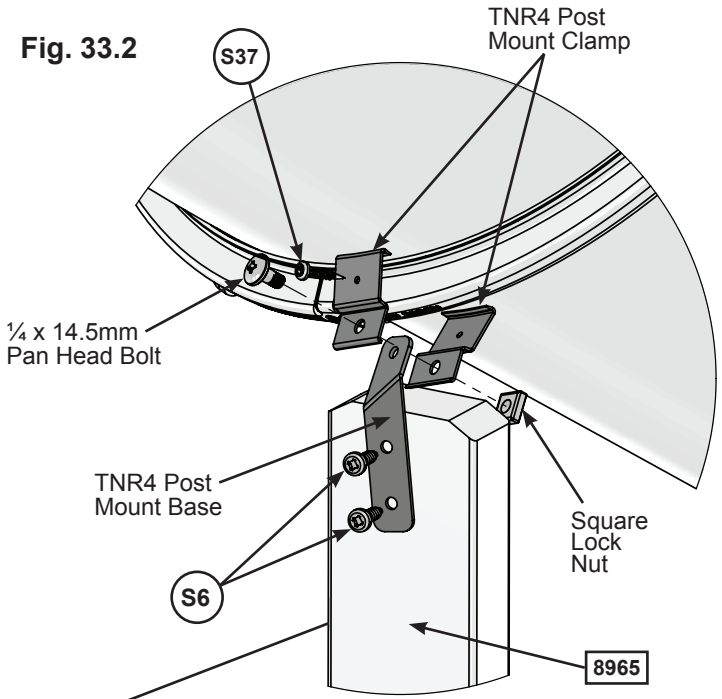
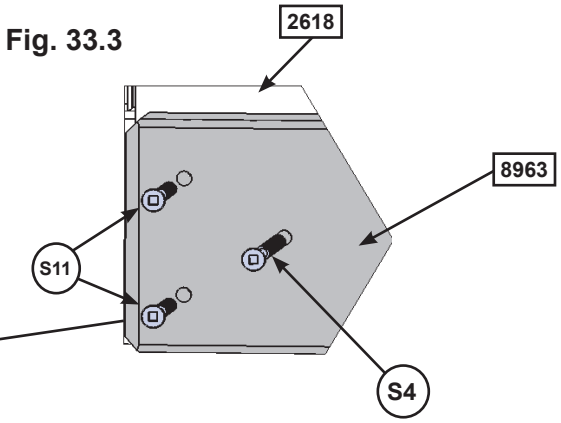


Fig. 33.3



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 34: Attach Ground Stake to TNR Upright

A: In the spot shown in fig. 34.1 drive 1 Rebar Ground Stake 13” into the ground against the (8965) TNR Upright. 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 (8965) TNR Upright just below the t-nut using 1 (S7) #12 x 2” Pan Screw as shown in fig. 34.2.

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. 34.1

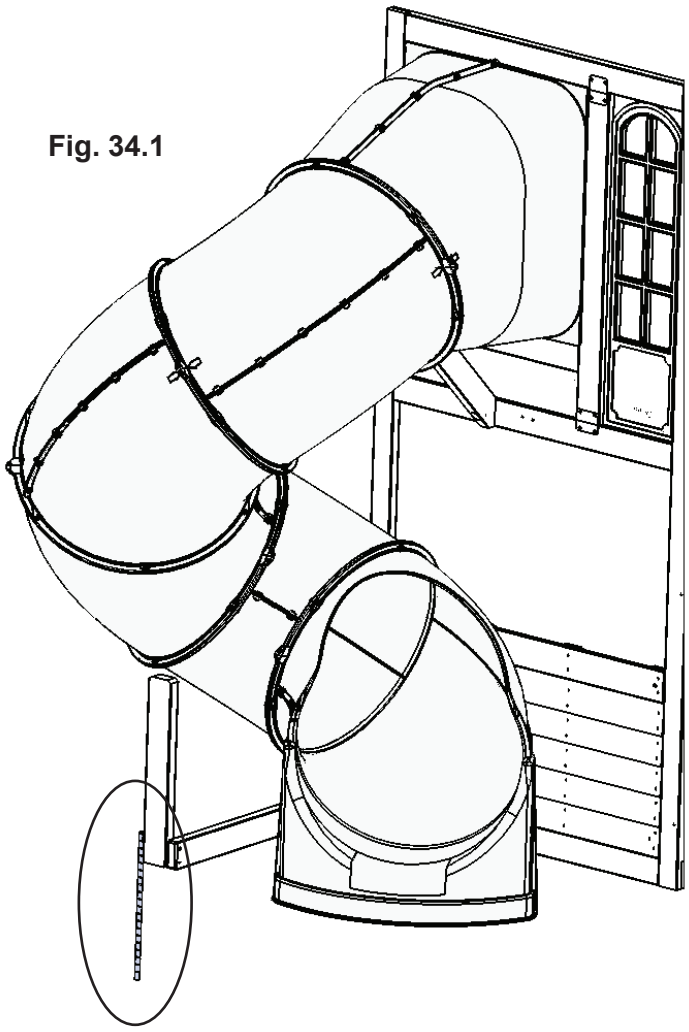
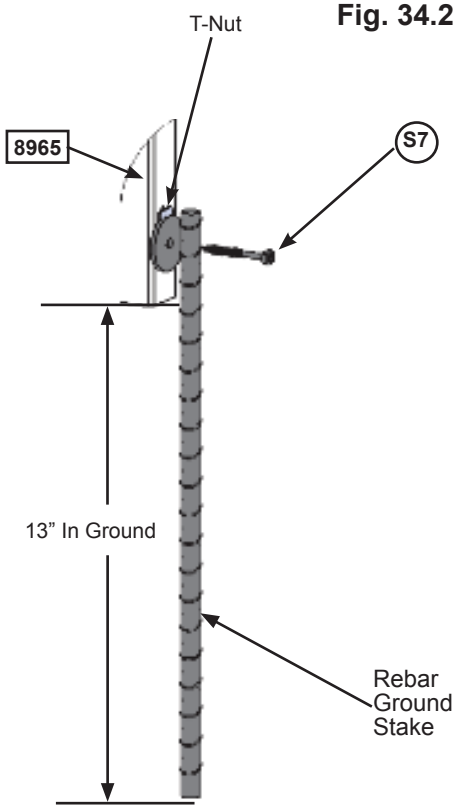


Fig. 34.2



Hardware	Other Parts
1 x (S7) #12 x 2” Pan Screw	1 x Rebar Ground Stakes

Step 35: Roof Support Assembly

A: Attach 1 (2617) Roof Support to a second (2617) Roof Support at peak using 1 (S4) #8 x 3” Wood Screw. Repeat this step so there are 2 Roof Support Assemblies. (fig. 35.1)

B: Attach 1 (2680) Roof Support to a second (2680) Roof Support at peak using 1 (S4) #8 x 3” Wood Screw. There is 1 Small Roof Support Assembly. (fig. 35.2)

Fig. 35.1

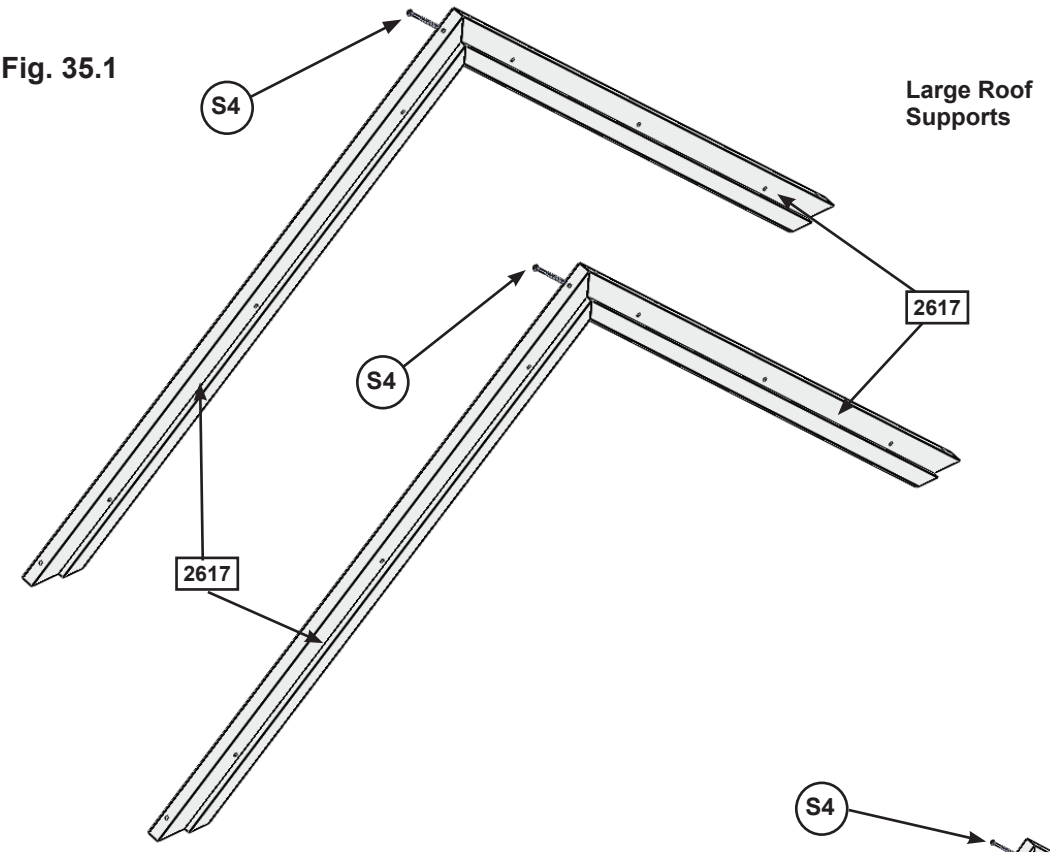
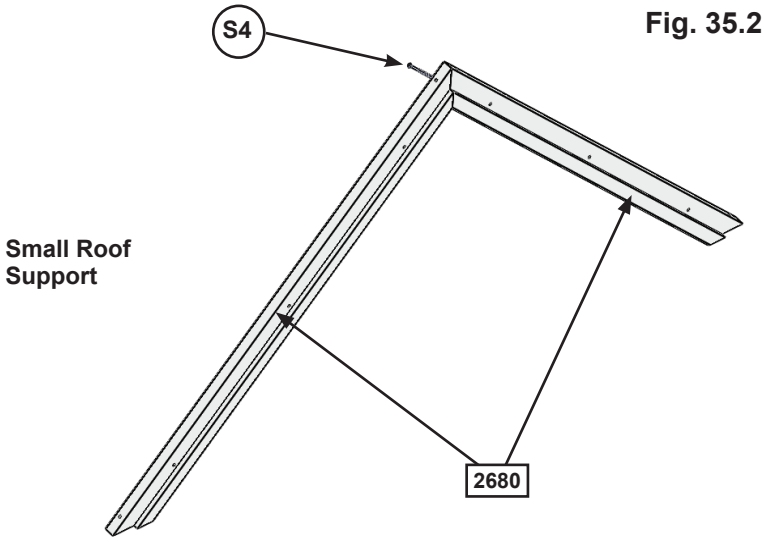


Fig. 35.2



Wood Parts

4 x 2617 Roof Support 1-1/4 x 2-1/4 x 37-1/2”
2 x 2680 Roof Support 1-1/4 x 2-1/4 x 34-1/16”

Hardware

3 x S4 #8 x 3” Wood Screw

Step 36: Large Roof Assembly Part 1

A: Place (2644) Front Roof Panel against (2639) 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. 36.1 and 36.2)

B: Attach the third Narrow Angle Bracket centred on the middle slat with 2 (S0) #8 x 7/8" Truss Screws. (fig. 36.1 and 36.3)

Fig. 36.1

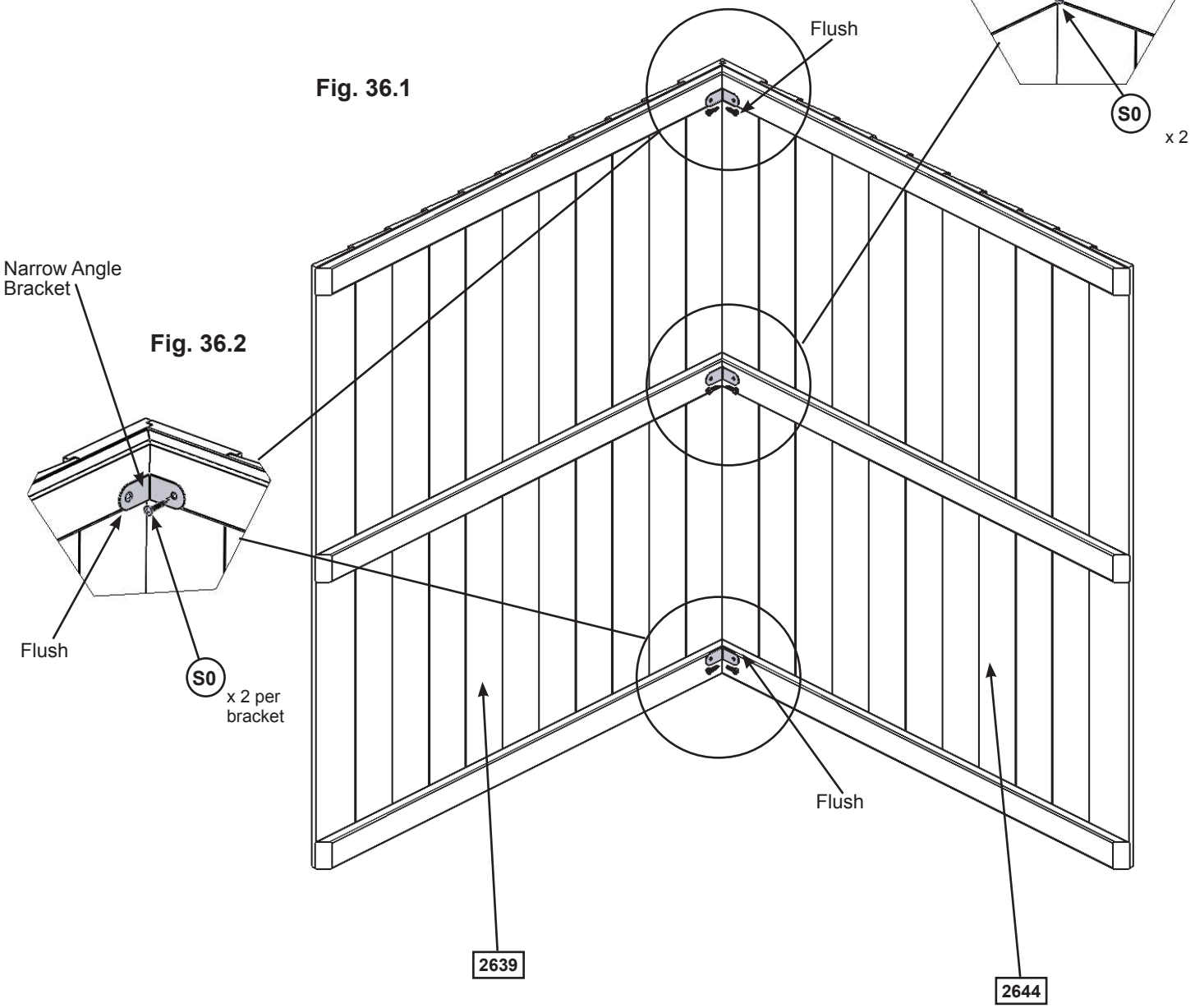
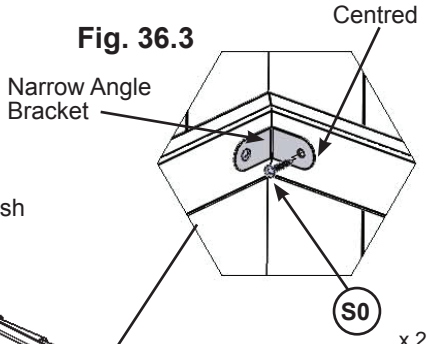


Fig. 36.2

Fig. 36.3



Wood Parts

1 x 2644 **Front Roof Panel 1-1/4 x 37 x 44"**
1 x 2639 **Back Roof Panel 1-1/4 x 36-3/4 x 44"**

Hardware

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

Other Parts

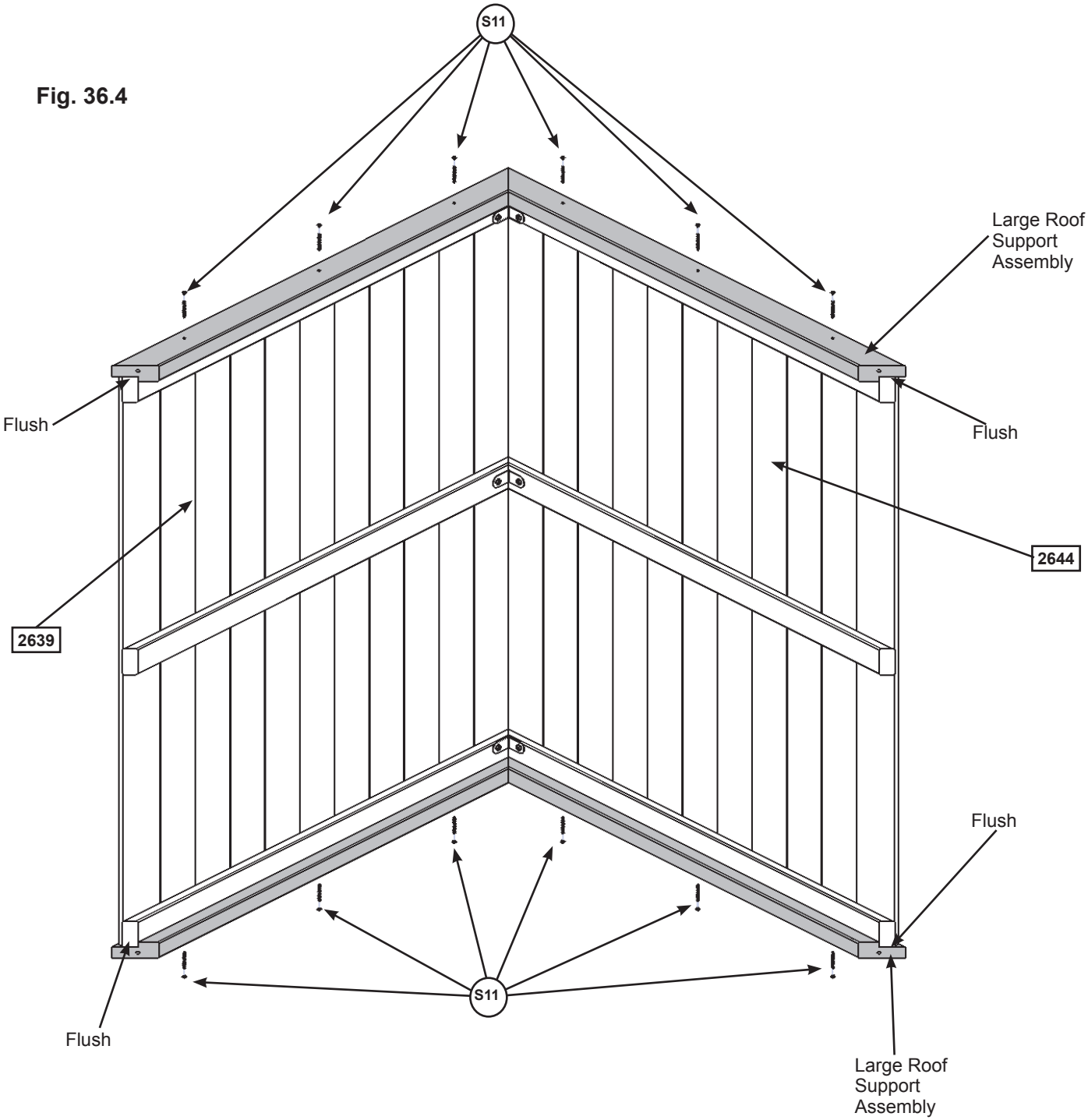
3 x Narrow Angle Bracket

Step 36: Large Roof Assembly
Part 2

C: Place 1 Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 6 (S11) #8 x 2" Wood Screws. (fig. 36.4)

D: Attach the second Roof Support Assembly on the opposite side, peaks to meet and ends are flush with 6 (S11) #8 x 2" Wood Screws. (fig. 36.4)

Fig. 36.4



Hardware

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

Step 37: Attach Sky Gable

A: Attach 1 Sky Gable to the inside of the (2617) Roof Supports on one side of the Large Roof Assembly with 4 (S5) #8 x 1/2" Pan Screws. (fig. 37.1 and 37.2)

Fig. 37.1

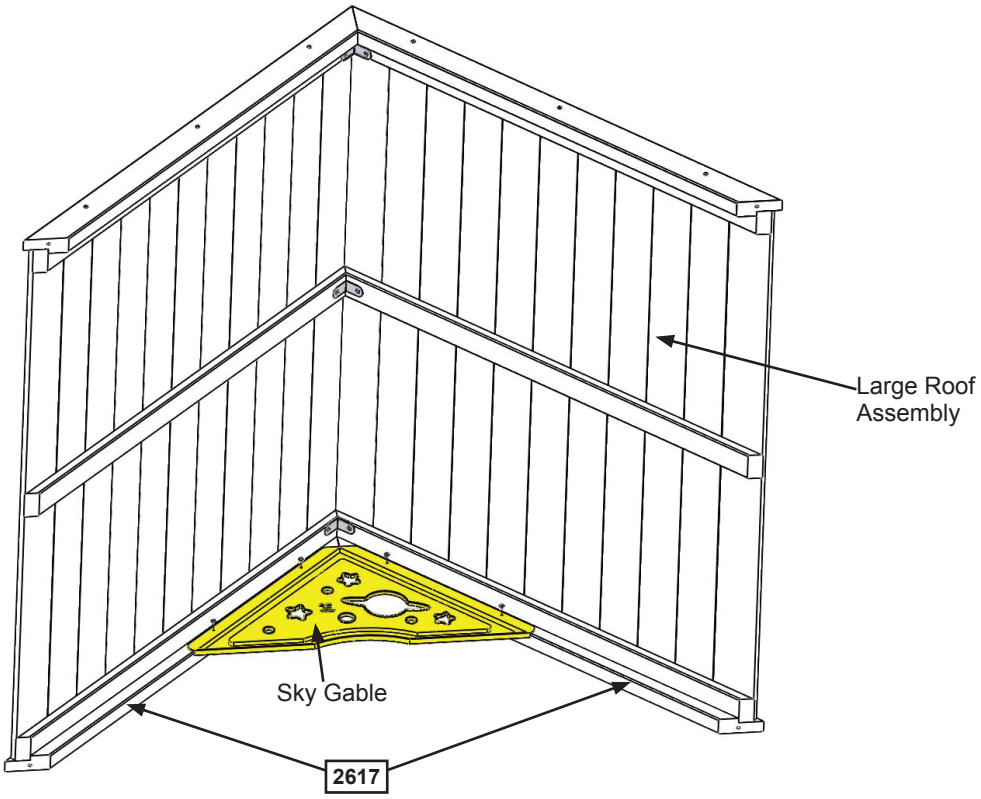
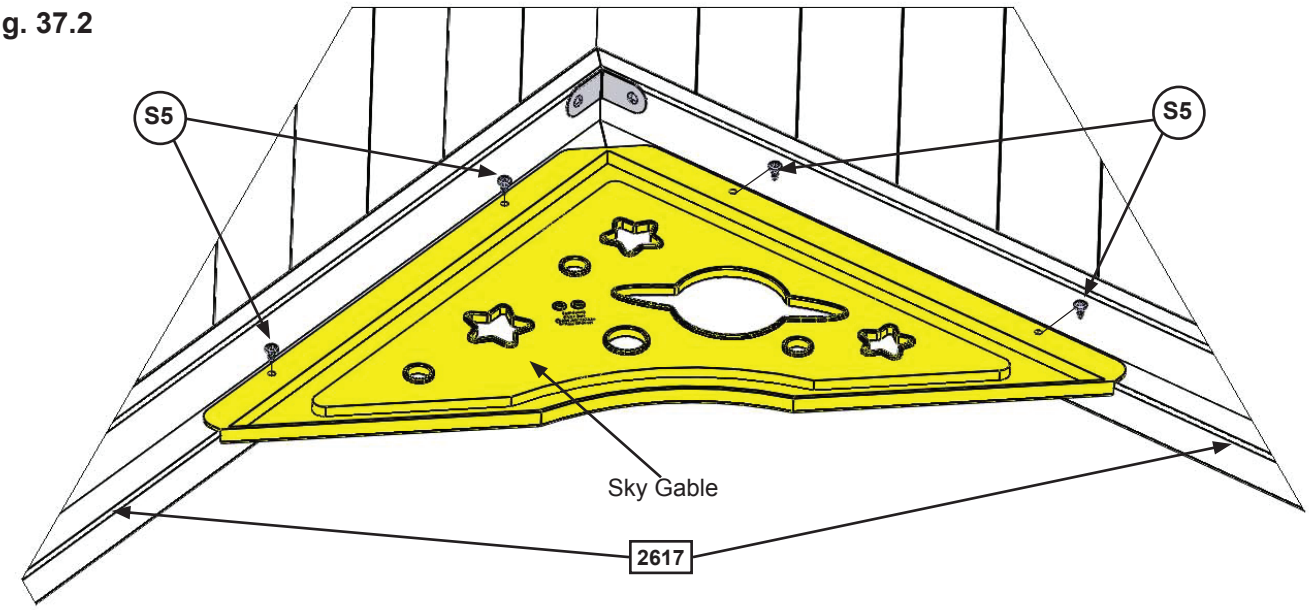


Fig. 37.2



Hardware

4 x (S5) #8 x 1/2" Pan Screw

Other Parts

1 x Sky Gable

Step 38: Small Roof Assembly

A: Place (2672) Front Small Roof against (2671) Back Small Roof 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. 38.1)

B: Place Small Roof Support Assembly against one side so the peaks meet and the ends of the roof supports are flush with the ends of the roof panels. Attach with 6 (S11) #8 x 2" Wood Screws. (fig. 38.1)

C: Attach 1 Sky Gable to the inside of the (2680) Roof Supports with 4 (S5) #8 x 1/2" Pan Screws. (fig. 38.2)

Fig. 38.1

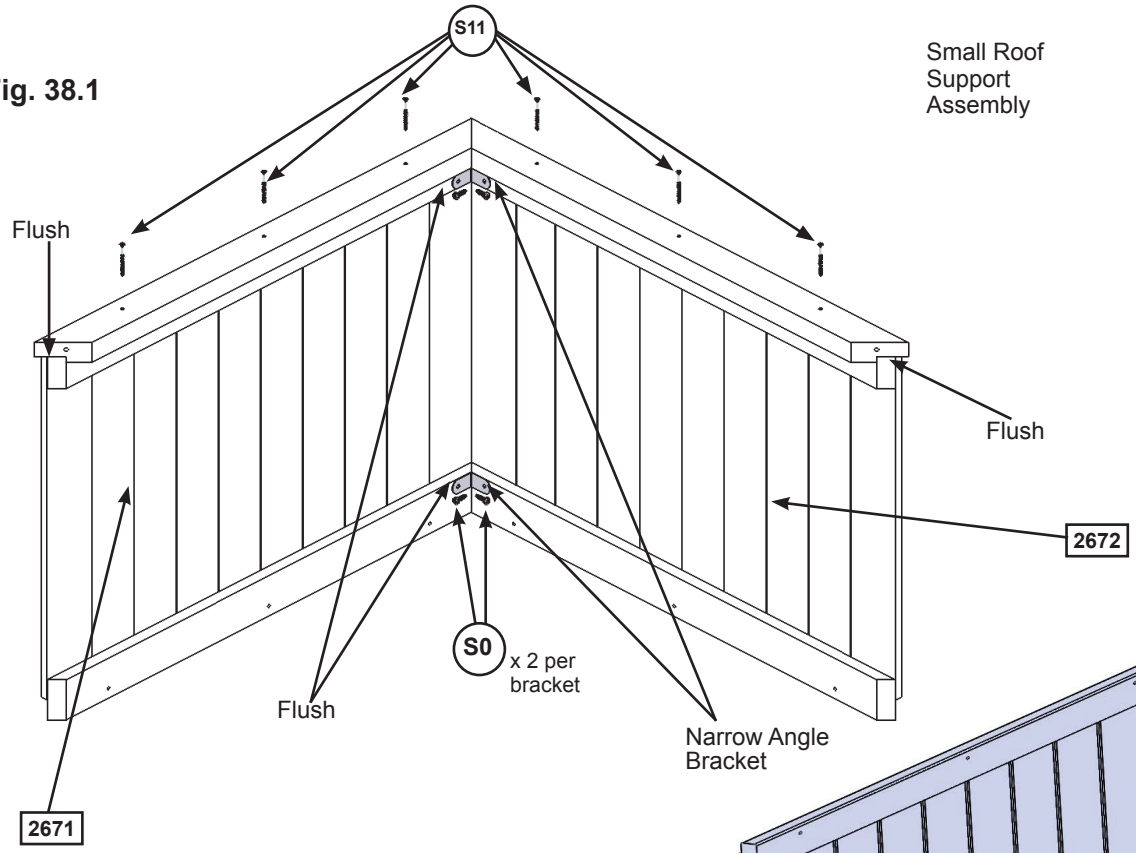
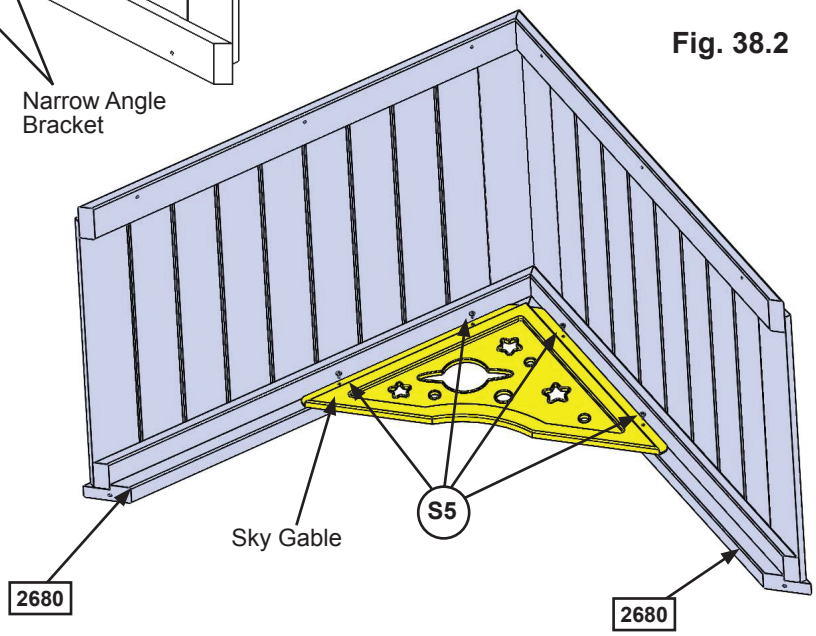


Fig. 38.2



Wood Parts

1 x 2672 **Front Small Roof 1-1/4 x 22-9/16 x 33-5/8"**
1 x 2671 **Back Small Roof 1-1/4 x 22-9/16 x 33-3/8"**

Hardware

6 x S11 **#8 x 2" Wood Screw**
4 x S0 **#8 x 7/8" Truss Screw**
4 x S5 **#8 x 1/2" Pan Screw**

Other Parts

2 x Narrow Angle Bracket
1 x Sky Gable

Step 39: Gable Dormer Assembly

A: Place (2699) Gable Dormer RT tight to (2689) Gable Dormer LT then place Sky Gable tight against the dormers and attach with 4 (S5) #8 x 1/2" Pan Screws. (fig. 39.1)

B: Attach (2699) Gable Dormer RT and (2689) Gable Dormer LT with 1 Narrow Angle Bracket using 2 (S5) #8 x 1/2" Pan Screws. (fig. 39.1 and 39.2)

Fig. 39.2

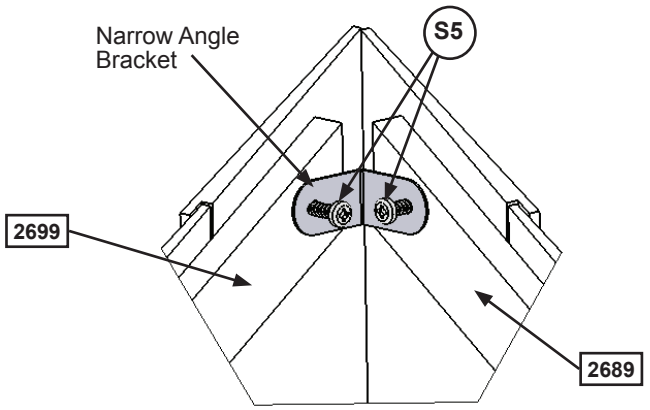
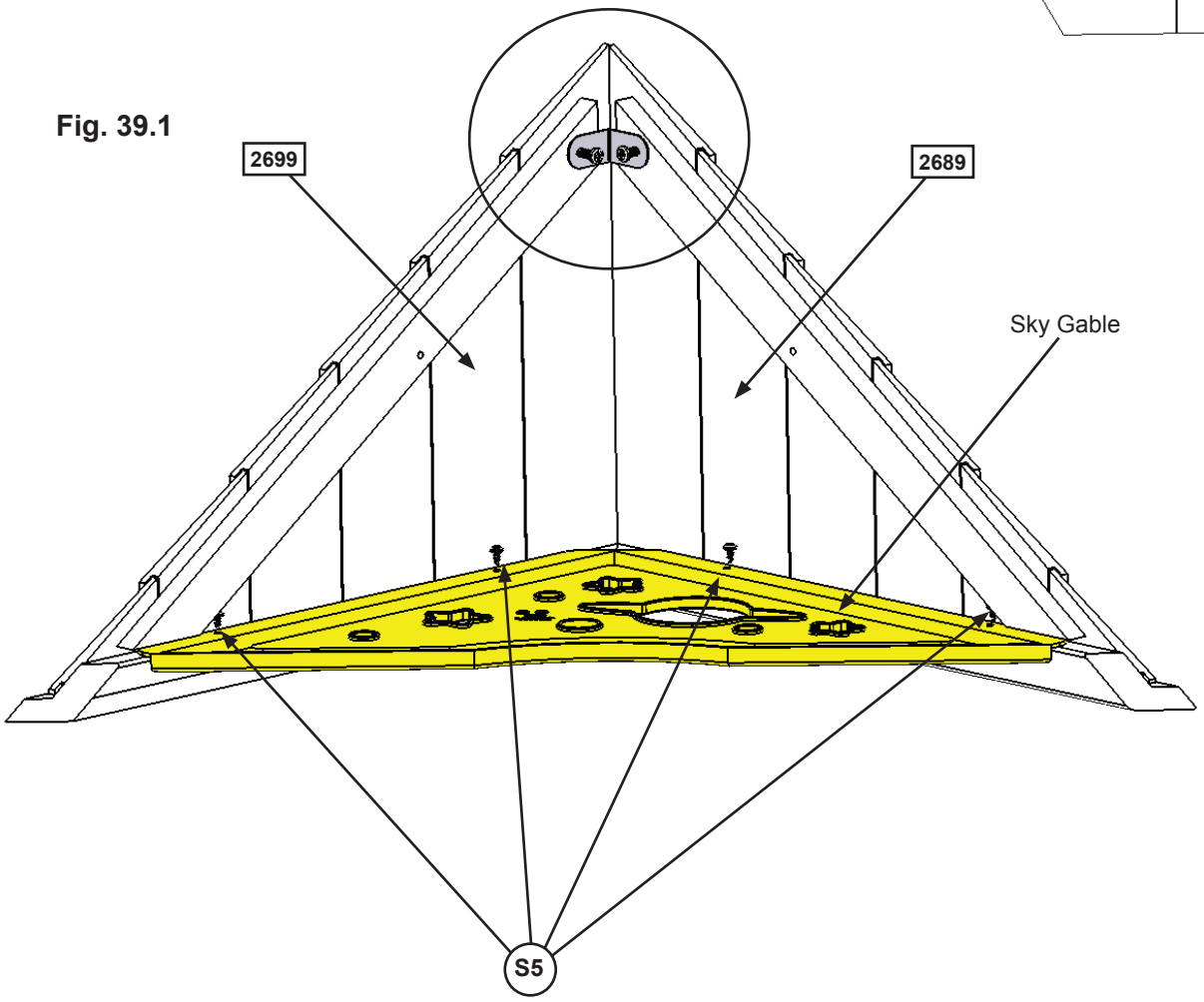


Fig. 39.1



Wood Parts

1 x 2689 Gable Dormer LT 1-1/4 x 14.6 x 22"
1 x 2699 Gable Dormer RT 1-1/4 x 14.6 x 22"

Hardware

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

Other Parts

1 x Narrow Angle Bracket
1 x Sky Gable

Step 40: Attach Gable Dormer to Roof

A: On the outside of the Large Roof Assembly on (2644) Front Roof Panel, on the 5th siding down, place (2688) Dormer Cleat centred on the panel (over the middle inside slat) then attach with 2 (S11) #8 x 2" Wood Screws. Make sure the screws go into the siding and the slats. (fig. 40.1)

B: Place completed Gable Dormer Assembly over (2688) Dormer Cleat and attach with 2 (S11) #8 x 2" Wood Screws (fig. 40.2 and 40.3)

Fig. 40.1

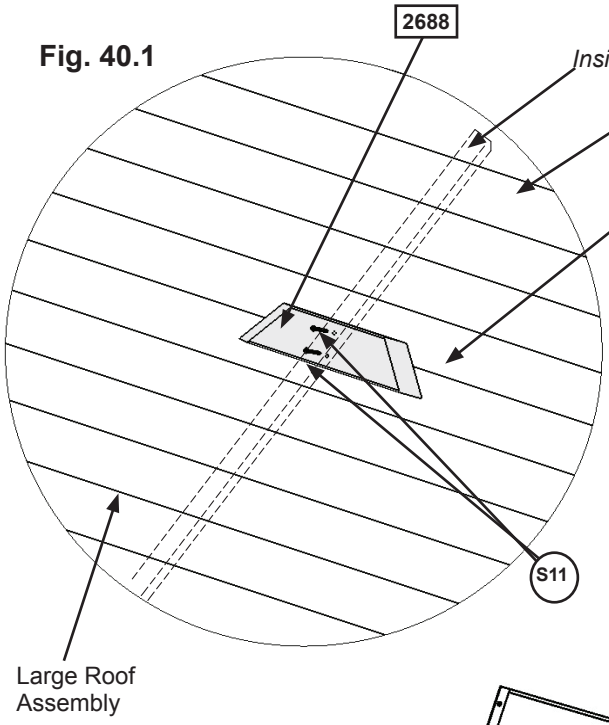


Fig. 40.2

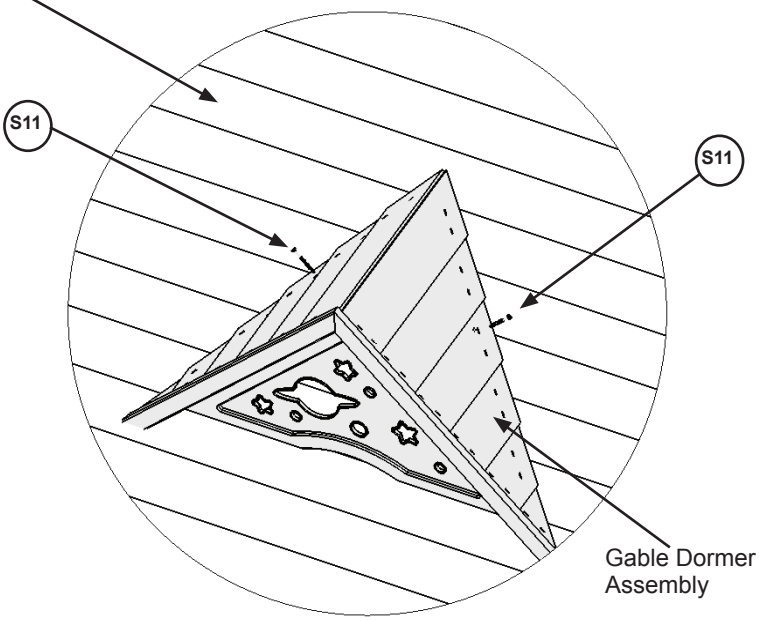
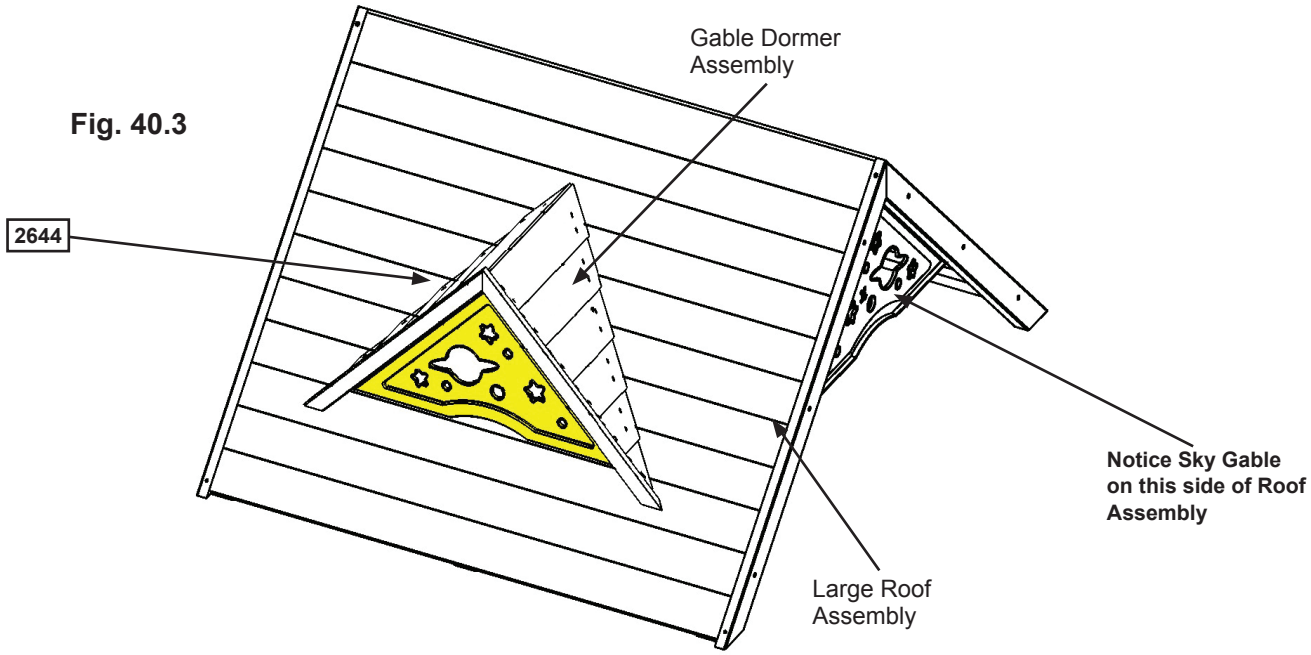


Fig. 40.3



Wood Parts

1 x 2688 **Dormer Cleat 1-1/4 x 3 x 12-3/4"**

Hardware

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

Step 41: Attach Roof Ends Part 1

A: On the Swing Wall place 1 (2646) Roof End flush to the top of (2627) SW Panel on the right hand side, measure overhang so it is 4-7/8" then attach with 2 (S11) #8 x 2" Wood Screws and 1 (S4) #8 x 3" Wood Screw. (fig. 41.1, 41.2 and 41.3)

B: Repeat Step A for 1 (2647) Roof End Left. (fig. 41.1, 41.2 and 41.3)

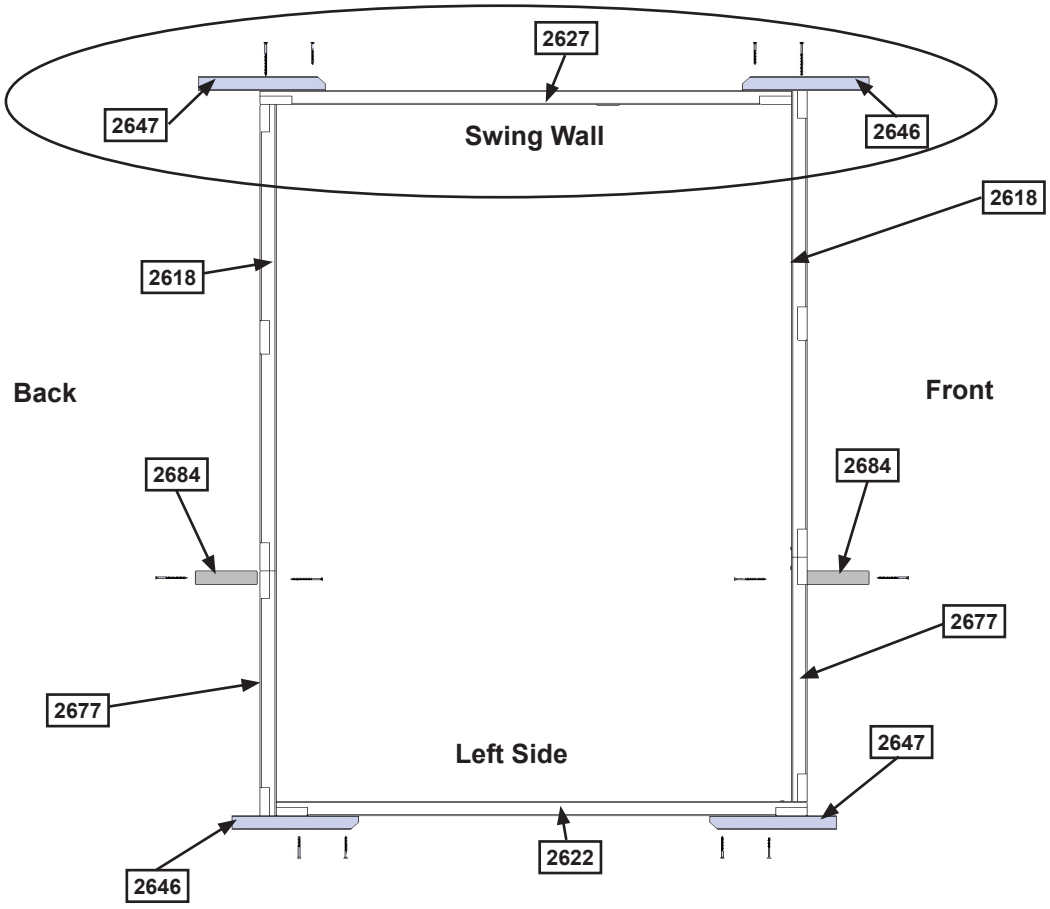


Fig. 41.1

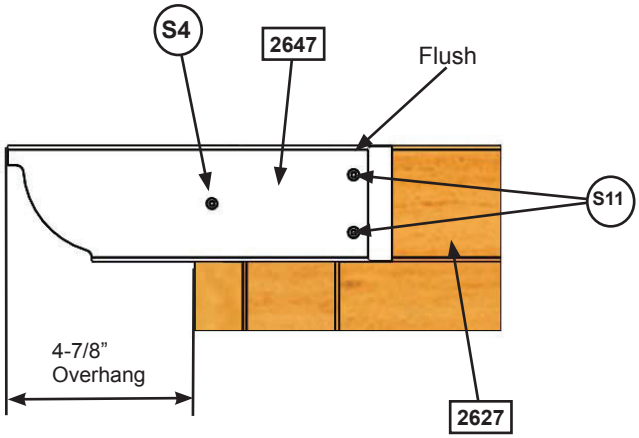


Fig. 41.2
Side View

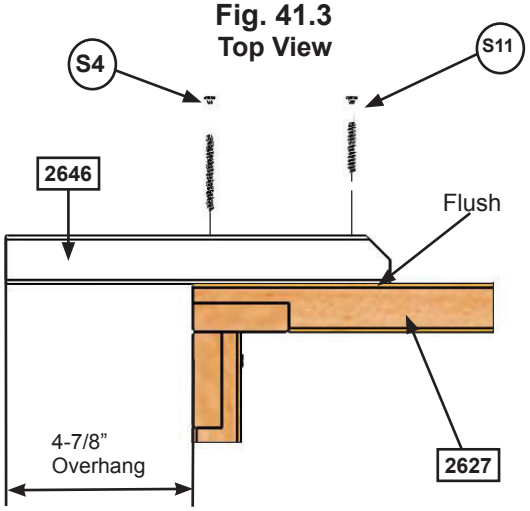


Fig. 41.3
Top View

Wood Parts

1 x 2646 **Roof End 1-1/4 x 3 x 10"**
1 x 2647 **Roof End Left 1-1/4 x 3 x 10"**

Hardware

2 x S4 **#8 x 3" Wood Screw**
4 x S11 **#8 x 2" Wood Screw**

Step 41: Attach Roof Ends Part 2

C: On (2622) End Panel Assembly place 1 (2646) Roof End flush to the top of the panel on the right hand side, measure overhang so it is 2-5/8" then attach with 3 (S11) #8 x 2" Wood Screws. (fig. 41.4, 41.5 and 41.6)

D: Repeat Step C for 1 (2647) Roof End Left. (fig. 41.4, 41.5 and 41.6)

Fig. 41.4

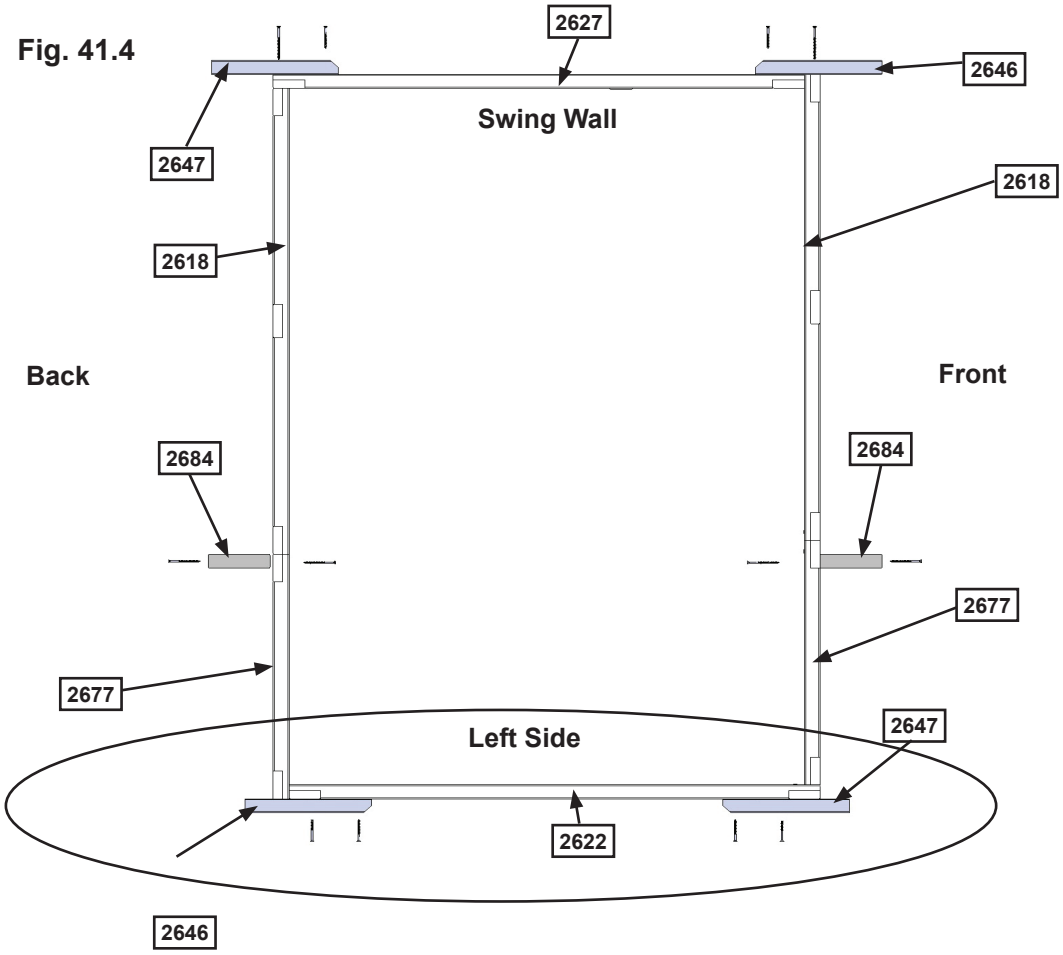


Fig. 41.5
Side View

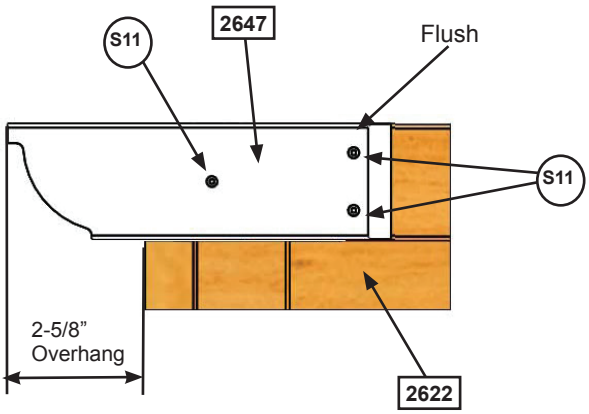
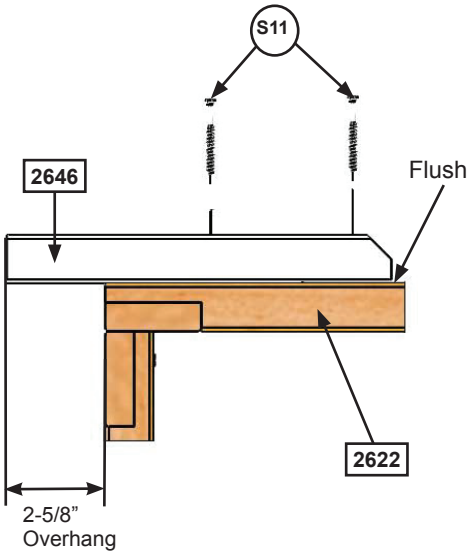


Fig. 41.6
Top View



Wood Parts

1 x 2646 **Roof End 1-1/4 x 3 x 10"**
1 x 2647 **Roof End Left 1-1/4 x 3 x 10"**

Hardware

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

Step 41: Attach Roof Ends Part 3

E: On the Back of the fort measure 21-5/8” from (2646) Roof End and 1-1/4” down from the top of the panel, pre-drill with a 1/8” drill bit then place 1 (2684) Mid Roof End centred over the pilot hole and flush to the top of the panel attach from the inside with 1 (S4) #8 x 3” Wood Screw and from the outside with 1 (S3) #8 x 2-1/2” Wood Screws. (fig. 41.7 and 41.8)

F: On the Front of the fort measure 21-5/8” from (2647) Roof End Left and 1-1/4” down from the top of the panel, pre-drill with a 1/8” drill bit then place 1 (2684) Mid Roof End centred over the pilot hole and flush to the top of the panel and attach from the inside with 1 (S4) #8 x 3” Wood Screw and from the outside with 1 (S3) #8 x 2-1/2” Wood Screws. (fig. 41.7 and 41.9)

Fig. 41.7

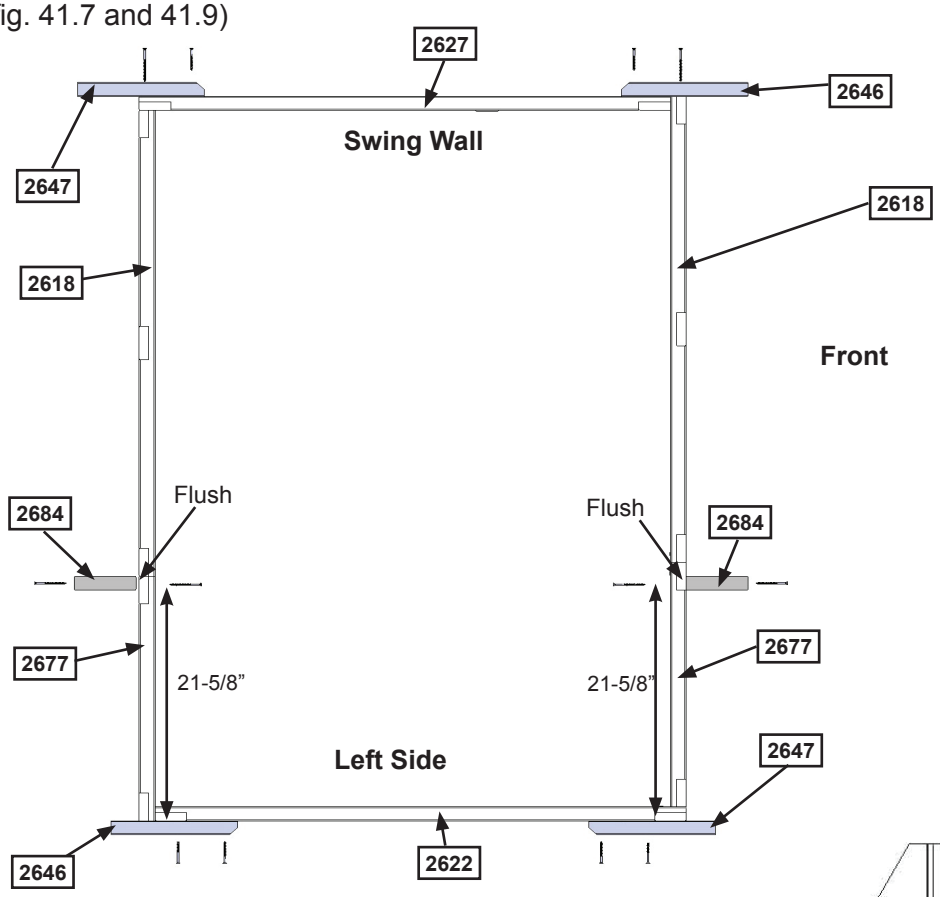


Fig. 41.8
Back

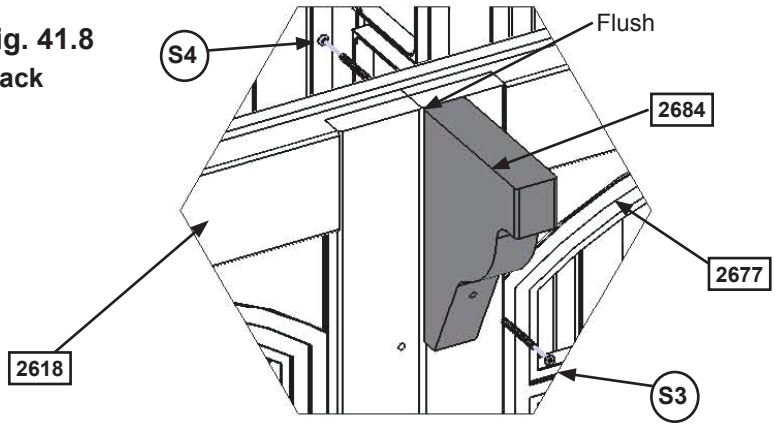
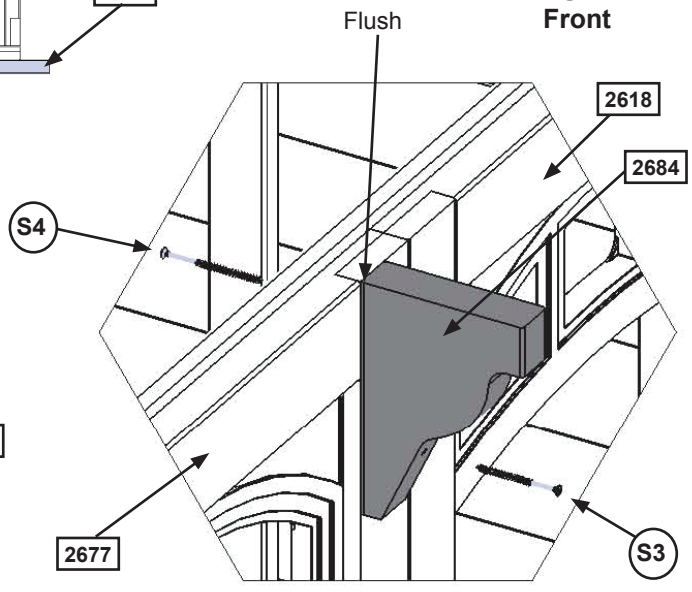


Fig. 41.9
Front



Wood Parts

2 x [2684] **Mid Roof End 1-1/4 x 4-7/8 x 7”**

Hardware

2 x (S3) **#8 x 2-1/2” Wood Screw**

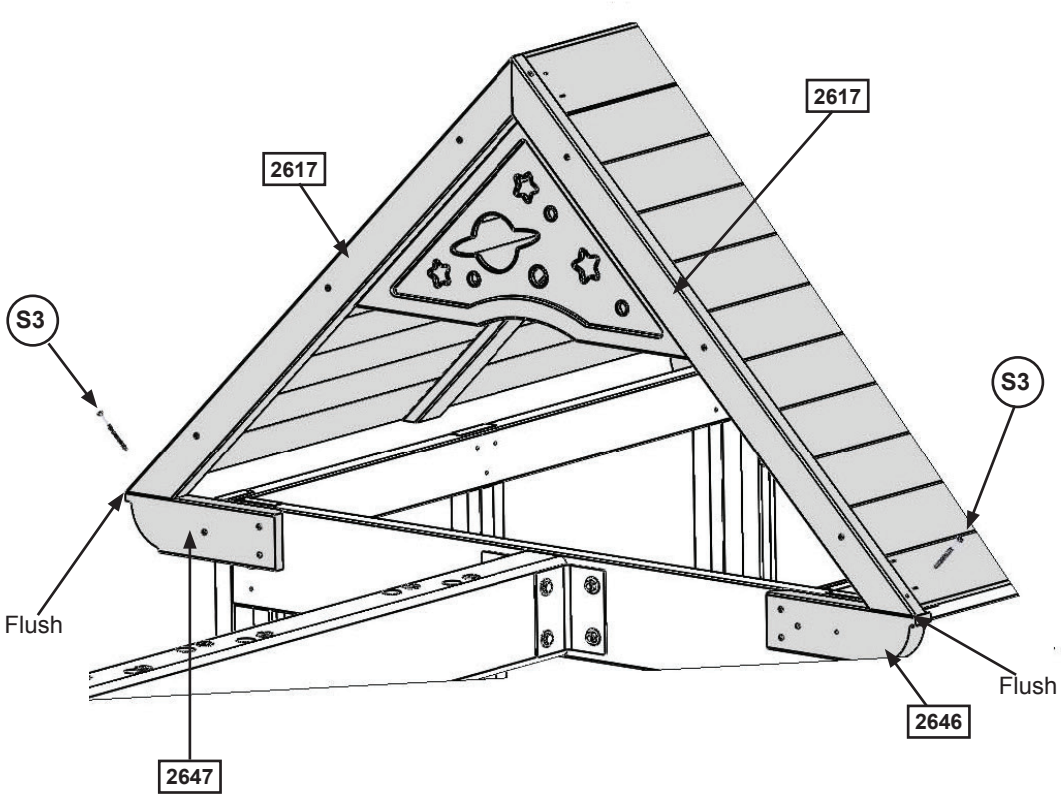
2 x (S4) **#8 x 3” Wood Screw**

Step 42: Attach Roof Assemblies to Fort
Part 1

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 (2617) Roof Supports sit flush to the front and outside edges of (2646) Roof End and (2647) Roof End Left. (fig. 42.1)

B: Attach (2617) Roof Supports to (2646) Roof End and (2647) Roof End Left with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 42.1)

Fig. 42.1



Hardware

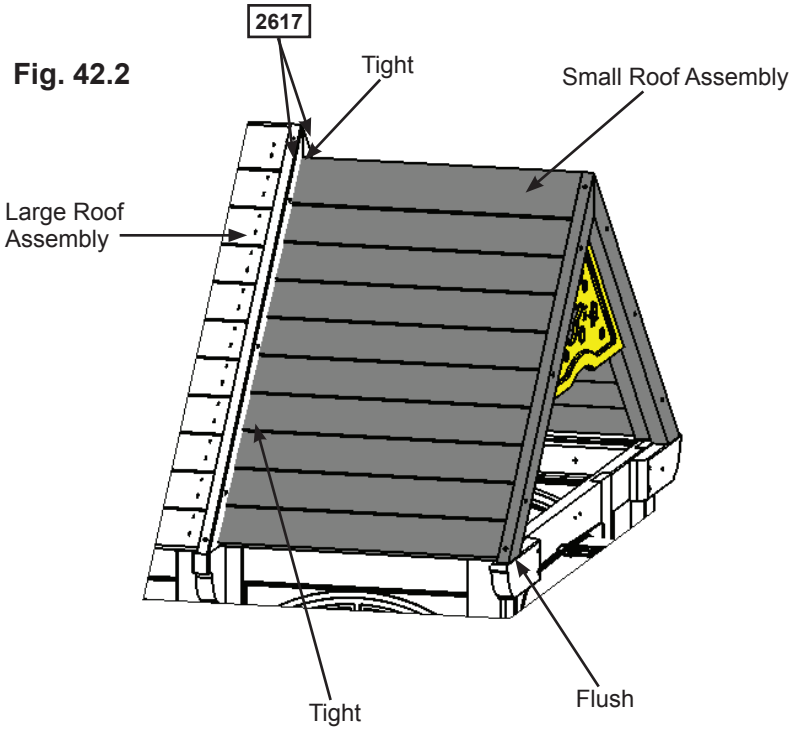
2 x (S3) #8 x 2-1/2" Wood Screw

Step 42: Attach Roof Assemblies to Fort Part 2

C: With 2 people on the ground and at least 1 person in the fort, lift the Small Roof Assembly up and over the Back side of the fort. Guide the Small Roof Assembly onto the fort so it slides under the Large Roof Assembly and the (2617) Roof Supports sit tight to the siding on the Small Roof Assembly. (fig. 42.2)

D: Attach Small Roof Assembly to Large Roof Assembly from inside with 3 (S2) #8 x 1-1/2" Wood Screws per side. Screws to go into (2617) Roof Supports. (fig. 42.3)

Fig. 42.2



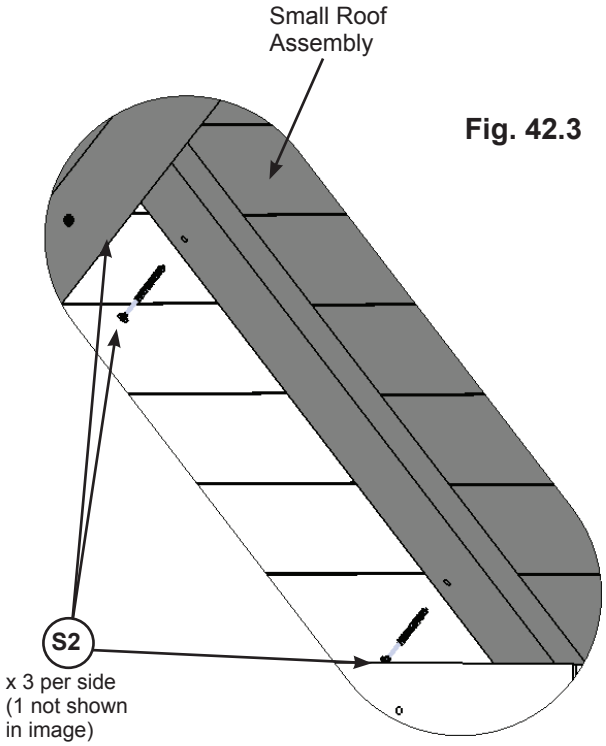


Fig. 42.3

Hardware

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

Step 42: Attach Roof Assemblies to Fort Part 3

E: Attach (2617) Roof Supports to both (2684) Mid Roof Ends with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 42.4 and 42.5)

F: Attach (2680) Roof Supports to (2646) Roof End and (2647) Roof End Left with 1 (S3) #8 x 2-1/2" Wood Screw per support. (fig. 42.4 and 42.5)

Fig. 42.4

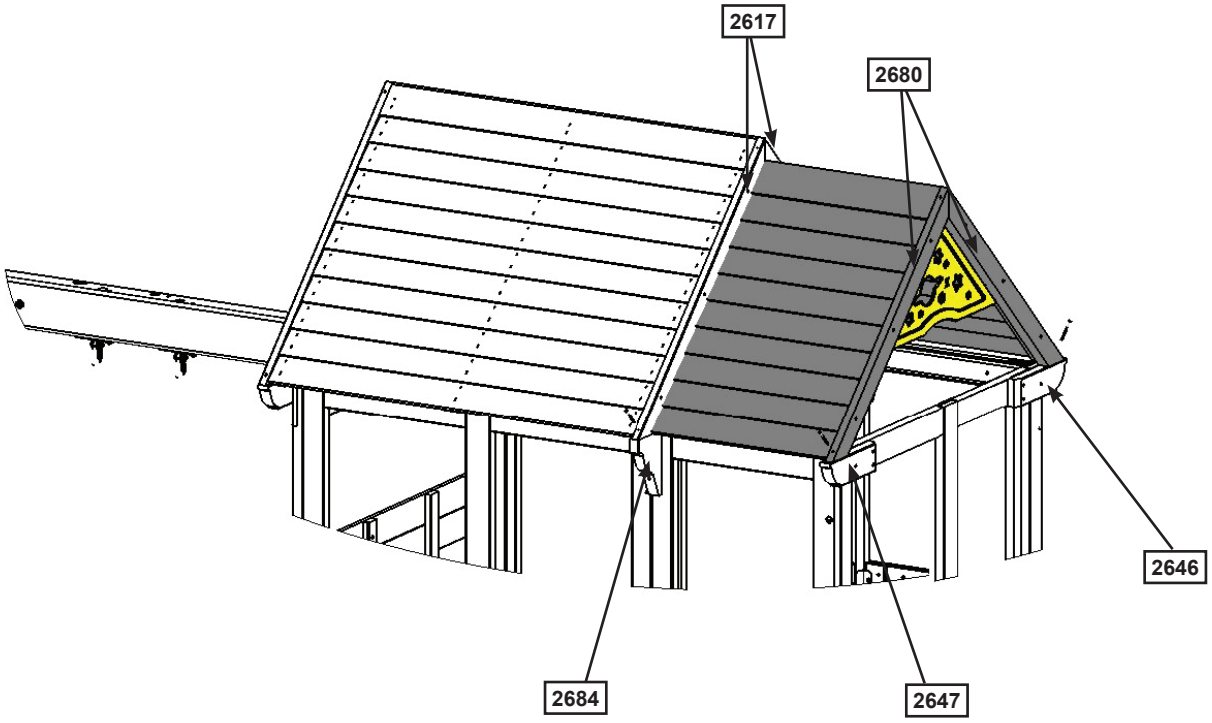
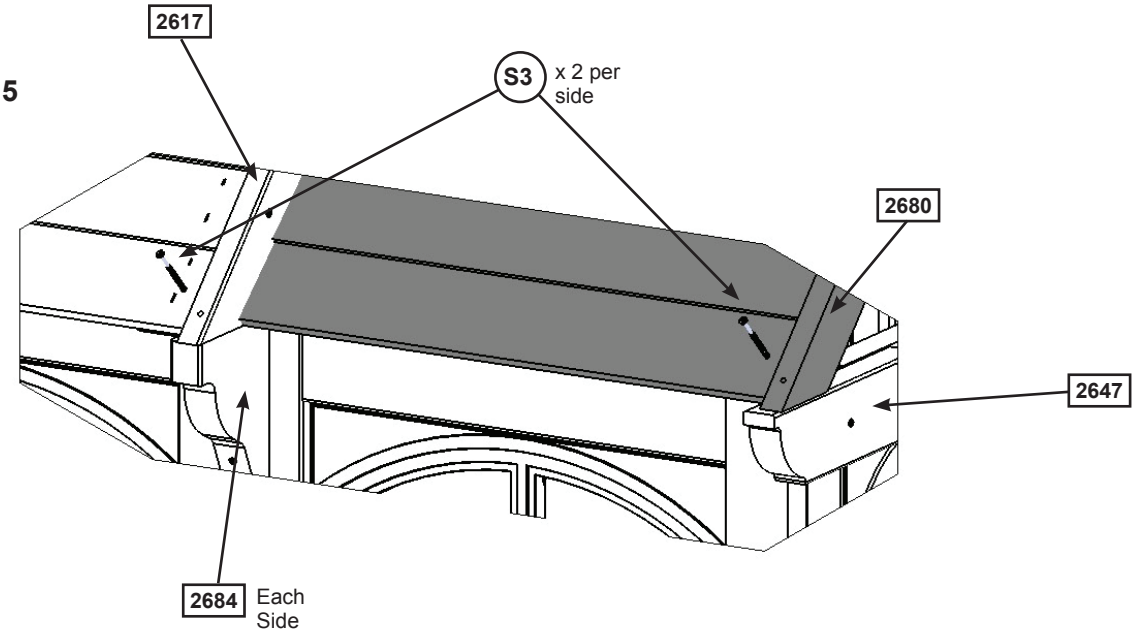


Fig. 42.5



Hardware

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

Step 43: Attach Flags

A: Place 1 Flag on Front of the assembly on (2618) Front Back Panel and 1 Flag on (2622) End Panel Assembly as shown below and attach with 2 (S10) #8 x 1" Pan Screws per flag. (fig. 43.1, 43.2 and 43.3)

Fig. 43.1

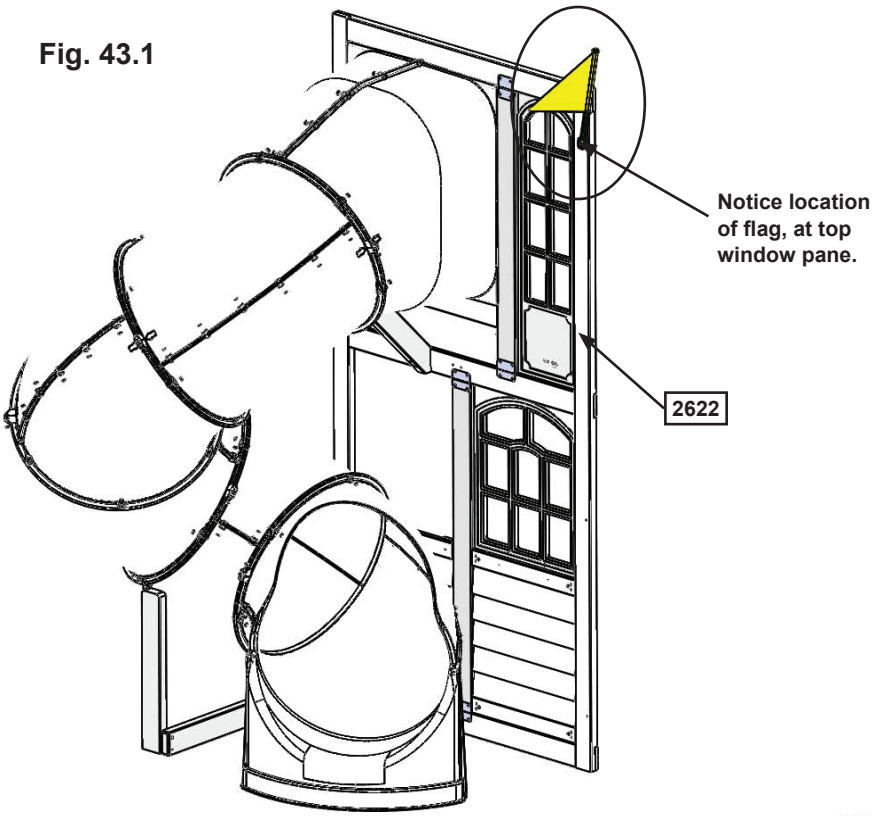


Fig. 43.2

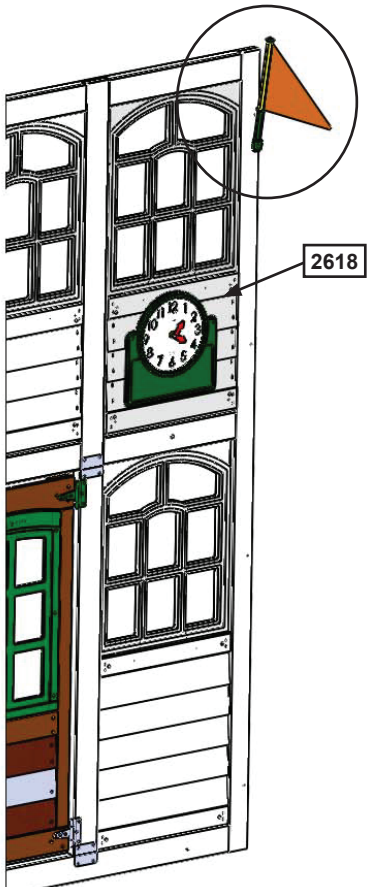
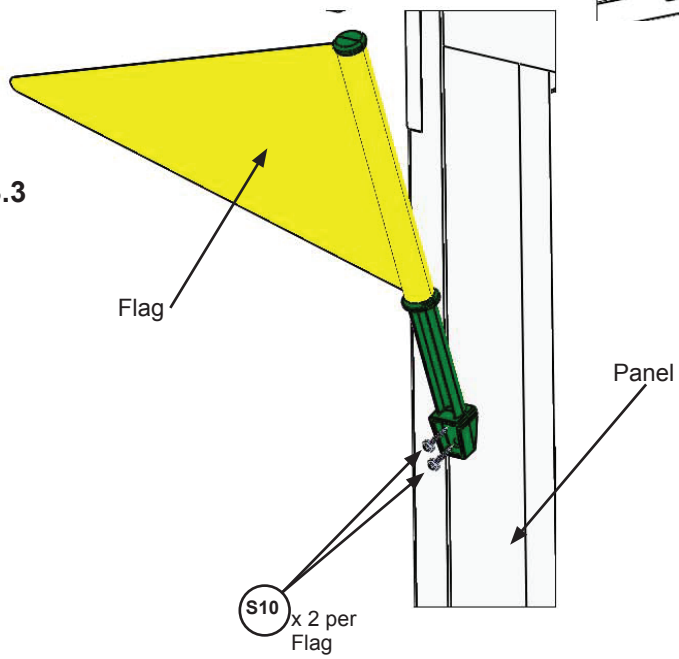


Fig. 43.3



Hardware

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

Other Parts

2 x Flag

Step 44: Bench Assembly

A: Open the (2658) Folding Bench Assembly. (fig. 44.1, 44.2 and 44.3)

B: Make sure assembly is level then secure with 2 (H1) 1/4 x 1-1/2" Hex Bolts (with lock washer, flat washer and t-nut) per side. (fig. 44.4)

C: Tighten the top screws in all 4 Bench Legs. (fig. 44.4)

Fig. 44.1

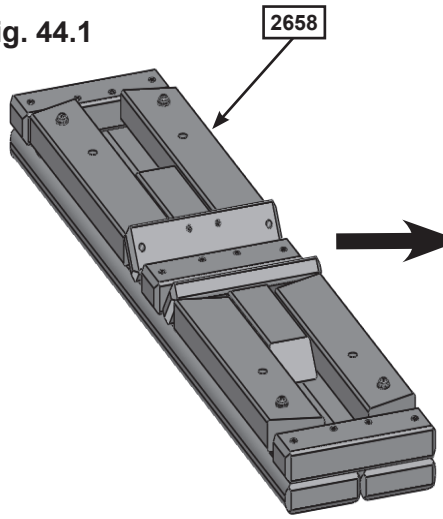


Fig. 44.2

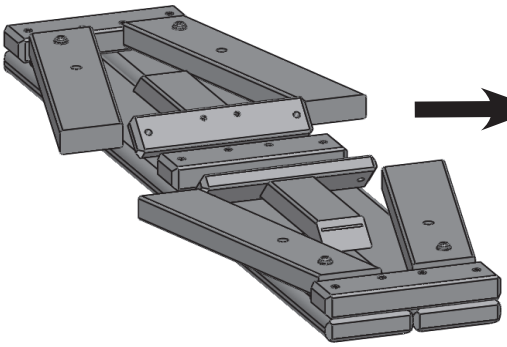


Fig. 44.3

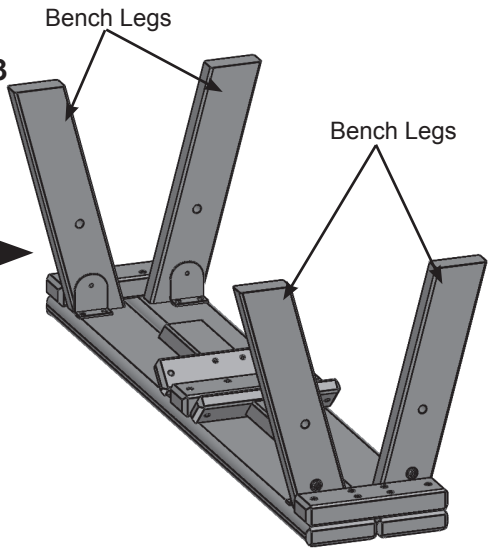
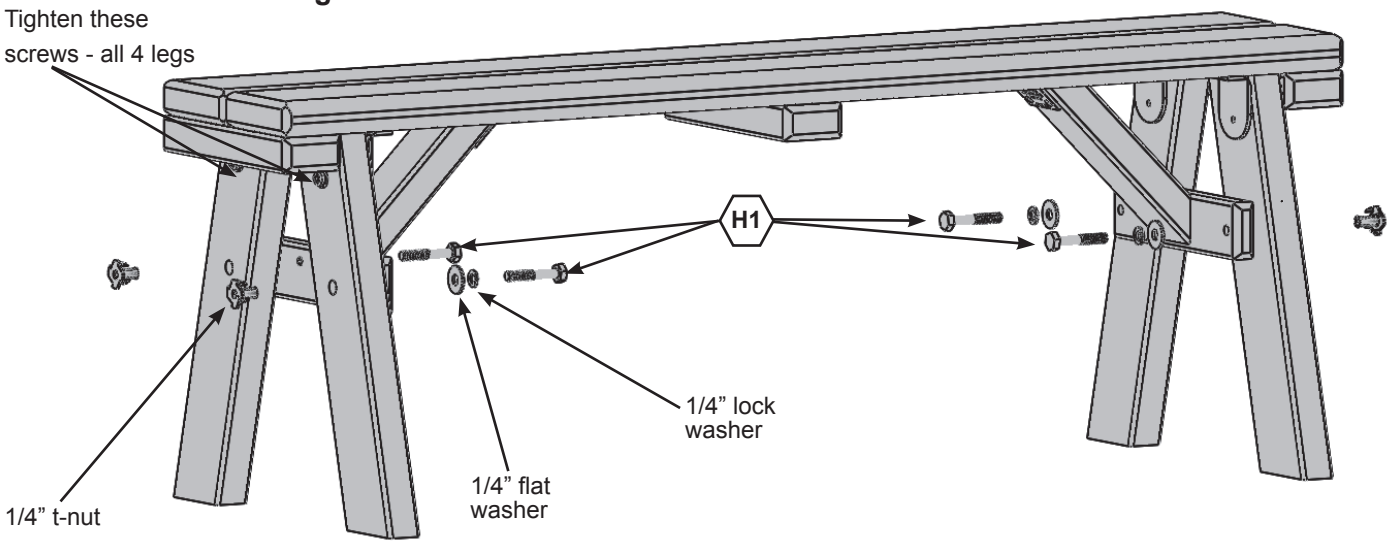


Fig. 44.4



Wood Parts

1 x 2658 Folding Bench 2-13/32 x 6-3/4 x 34"

Hardware

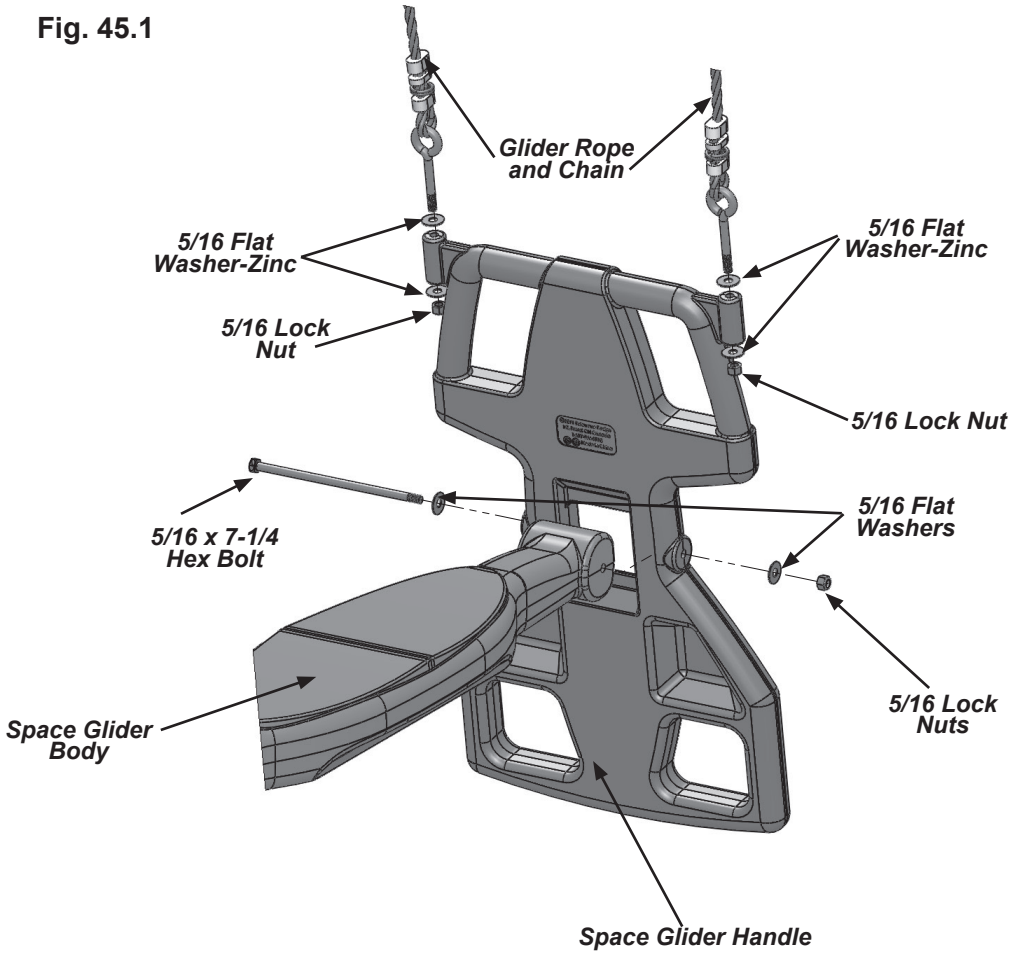
4 x H1 1/4 x 1-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

Step 45: Glider Assembly

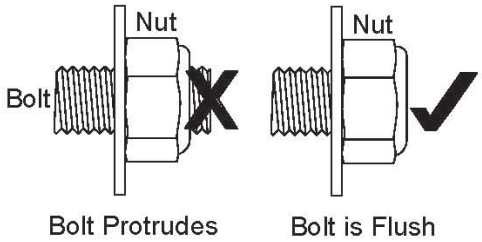
A: Attach 1 Space Glider Handle to the Space Glider Body using 1 (G25) 5/16 x 7-1/4" Hex Bolt (with 2 flat washers and 1 lock nut). Repeat for the second Space Glider Handle. (fig. 45.1)

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

Fig. 45.1



Warning! Bolt must not exceed 1/2 thread past the nut



Hardware

2 x G25 5/16 x 7-1/4" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)

8 x 5/16" Flat Washer

4 x 5/16" Lock Nut

Other Parts

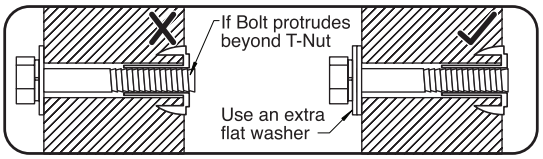
2 x Space Glider Handle

1 x Space Glider Body

1 x Glider Rope and Chain (pkg of 4)

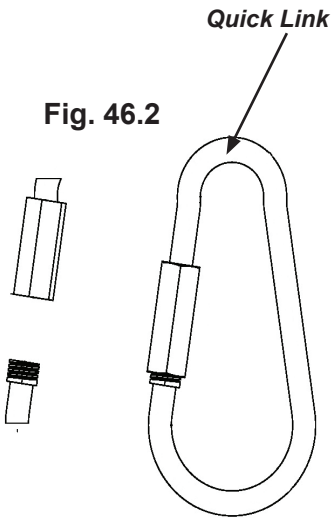
Step 46: Attach Belt Swings and Glider

⚠Warning! Check entire play centre for bolts protruding beyond t-nuts. Use extra washers to eliminate this condition.



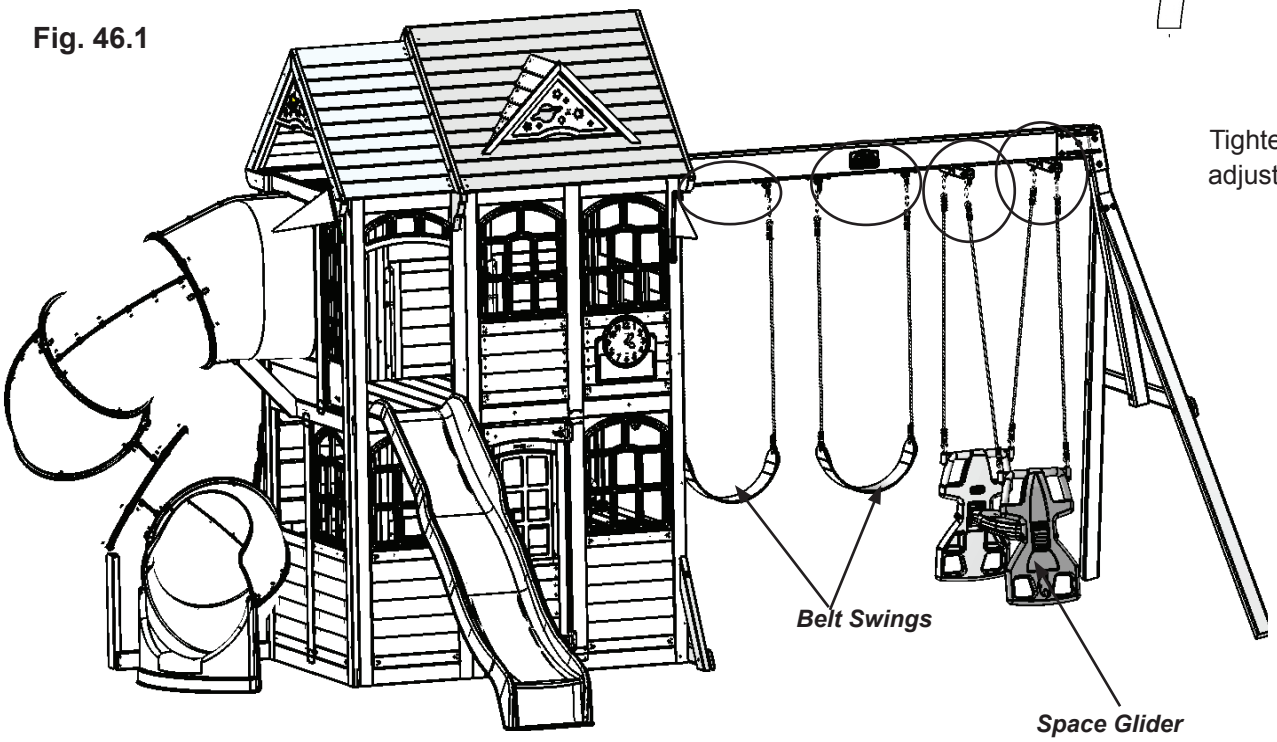
A: Attach 2 Belt Swings and assembled Space Glider to the hangers then tighten all Quick Links with an adjustable wrench. (fig. 46.1 and 46.2)

Fig. 46.2



Tighten Clip using adjustable wrench

Fig. 46.1



Other Parts

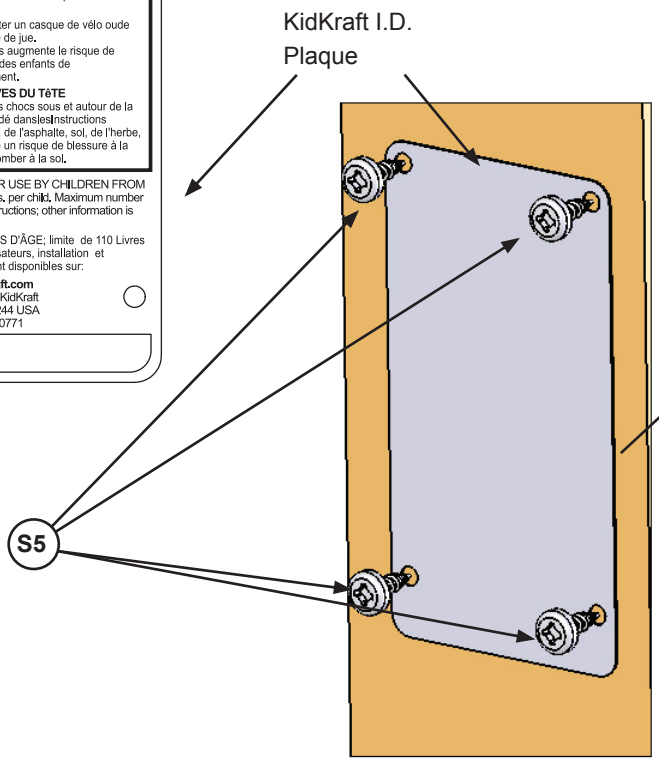
2 x Belt Swings

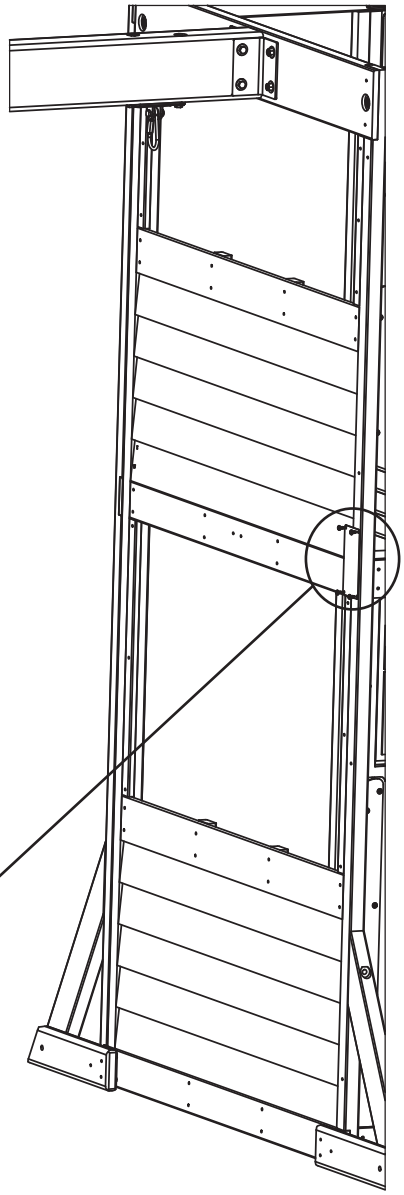
Final Step: Attach I.D. Plaque

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

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

A: Attach KidKraft I.D. Plaque to a location on your set that is easily seen and read by a supervising adult using 4 (S5) #8 x 1/2” Pan Screws as shown below.





Hardware

4 x (S5) #8 x 1/2” Pan Screw

Other Parts

1 x KidKraft I.D. Plaque

NOTES

3 EASY WAYS TO REGISTER YOUR PRODUCT 24/7

1) Scan this QR Code with your smart phone to complete your product registration directly from your phone:

2) Complete the registration online at: https://www.kidkraft.com/us_en/warranty/

3) Mail this completed form to: KidKraft Inc., 4630 Olin Road, Dallas, Tx 75244 USA
Make sure to include a copy of your proof of purchase

KIDKRAFT

Consumer Registration Card

First Name | Initial | Last Name

Street | Apt. No.

City | State/Province | ZIP/Postal Code

Country | Telephone Number

E-Mail Address

Model Number | Model Name

Model Number & Name example
F24145 AINSLEY PLAY SYSTEM

Purchased From | Date Purchase

MM / DD / YY

Serial Number (on ID Plaque)

ID Plaque example

Box #: _____ 1 of _____
Box #: _____ 2 of _____
Box #: _____ 3 of _____
Box #: _____ 4 of _____
Box #: _____ 5 of _____
Box #: _____ 6 of _____

Box # (Ex: B29410 1of 6)

1 OF DE 6 ITEM // ARTICLE N° N.° DE ARTÍCULO B29410

For common questions or for information on ordering replacement parts:

Help Center: https://kidkraft.zendesk.com/hc/en-us/