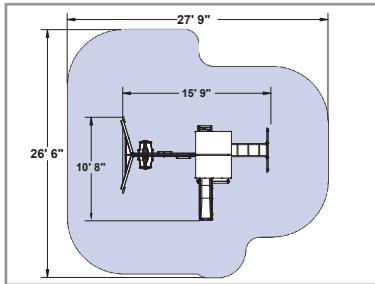


# CEDARBROOK PLAY SYSTEM – F23850

## INSTALLATION AND OPERATING INSTRUCTIONS



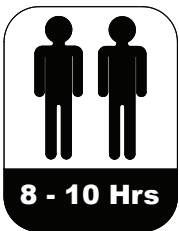
**! WARNING** To reduce the risk of serious injury or death, you must read and follow these instructions. Keep and refer to these instructions often and give them to any future owner of this play system. Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE - 27'9" x 26'6" area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - 6'5"

CAPACITY - 9 Users Maximum, Ages 3 to 10; Weight Limit 110 lbs. (49.9 kg) per child.

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



8 - 10 Hrs

Two person  
assembly

Big Backyard by KidKraft  
4630 Olin Road  
Dallas, TX 75244, United States

customersupport@kidkraft.com  
Online Parts Replacement:  
bigbackyard.com/parts-center-warranty  
Customer Service:  
1(800) 933-0771 or (972) 385-0100

KidKraft Netherlands BV  
Olympisch Stadion 29  
1076DE Amsterdam, The Netherlands

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

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## Warnings and Safe Play Instructions



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



### WARNING

#### SERIOUS HEAD INJURY HAZARD

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

#### COLLISION HAZARD

Place play-set on level ground at least 6 feet 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.

#### 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.



### 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.
- ✗ Do not allow children to wear open toe or heel footwear like sandals, flip-flops or clogs.
- ✗ Do not allow children to walk, in front, between, behind or close to moving rides.
- ✗ Do not let children twist swing chains or ropes or loop them over the top support bar. This may reduce the strength of the chain or rope and cause premature failure.
- ✗ Do not let children get off rides while they are in motion.
- ✗ Do not permit climbing on equipment when it is wet.
- ✗ Do not permit rough play or use of equipment in a manner for which it was not intended. Standing on or jumping from the roof, elevated platforms, swings, climbers, ladders or slide can be dangerous.
- ✗ Do not allow children to swing empty rides or seats.
- ✗ Do not allow children to go down slide head first or run up slide.

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

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

## Loose-Fill Materials

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

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

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

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

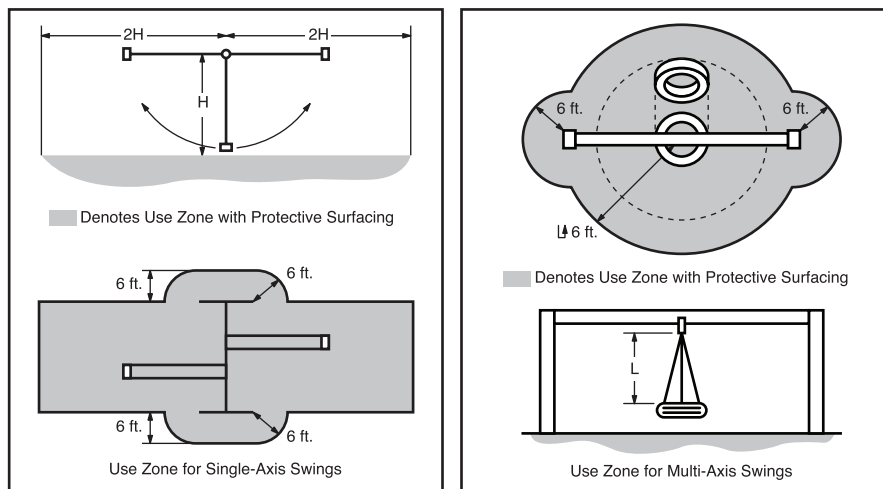
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

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

## Placement

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

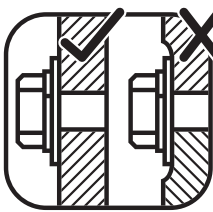
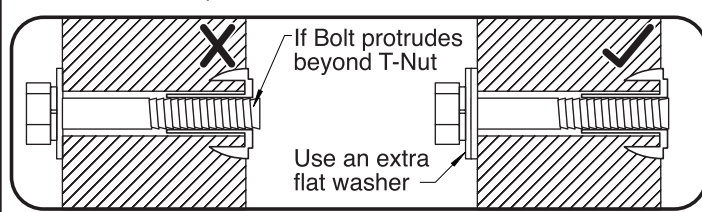
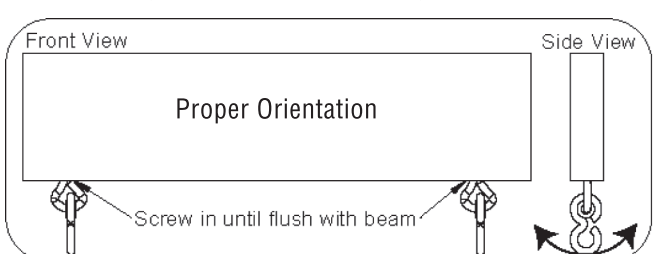
- Extend surfacing at least 6 feet from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius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



# Instructions for Proper Maintenance

Your Big Backyard by 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:

<p><b>HARDWARE:</b></p> <ul style="list-style-type: none"> <li>✓ Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.</li> <li>✓ Inspect and tighten all hardware. On wood assemblies <b>DO NOT OVER-TIGHTEN</b> as to cause crushing and splintering of wood.</li> <li>✓ Check for sharp edges or protruding screw threads, add washers if required.</li> </ul>   <p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ Check for foreign objects. Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)</li> </ul> <p><b>GROUND STAKES (ANCHORS):</b></p> <ul style="list-style-type: none"> <li>✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary.</li> </ul>	<p><b>SWING HANGERS:</b></p> <ul style="list-style-type: none"> <li>✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.</li> <li>✓ If squeaking occurs lubricate bushings with oil or WD-40®.</li> </ul>  <p><b>SWINGS, ROPES AND RIDES:</b></p> <ul style="list-style-type: none"> <li>✓ 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.</li> <li>✓ Check that ropes are tight, secure at both ends and cannot loop back as to create an entrapment.</li> </ul> <p><b>WOOD PARTS:</b></p> <ul style="list-style-type: none"> <li>✓ 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.</li> <li>✓ Unprotected, they will appear weathered over time. Periodic application of an exterior water repellent or stain (water-based) will help improve appearance and life.</li> </ul>
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## Check twice a month during play season:

<p><b>HARDWARE:</b></p> <ul style="list-style-type: none"> <li>✓ Inspect for tightness. Must be firmly against, but not crushing the wood. <b>DO NOT OVER-TIGHTEN.</b> This will cause splintering of wood.</li> <li>✓ Check for sharp edges or protruding screw threads. Add washers if required.</li> </ul>	<p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)</li> </ul>
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## Check once a month during play season:

<p><b>SWING HANGERS:</b></p> <ul style="list-style-type: none"> <li>✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.</li> <li>✓ If squeaking occurs lubricate bushings with oil or WD-40®.</li> </ul>	<p><b>SWINGS AND RIDES:</b></p> <ul style="list-style-type: none"> <li>✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.</li> </ul>
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## Check at the end of the play season:

<p><b>SWINGS AND RIDES:</b></p> <ul style="list-style-type: none"> <li>✓ 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.</li> </ul>	<p><b>SHOCK ABSORBING SURFACING:</b></p> <ul style="list-style-type: none"> <li>✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)</li> </ul>
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**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

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

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

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

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

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

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

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

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

## 5 Year Limited Warranty

Big Backyard by KidKraft warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 5 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.

This warranty applies to the original owner and registrant and is non-transferable.

Regular maintenance is required to assure the integrity of your Play System. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:

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

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

This product is warranted for **RESIDENTIAL USE ONLY**. Under no circumstance should a Big Backyard by KidKraft Play System be used in public settings such as schools, churches, playgrounds, parks, day cares and the like. Such use may lead to product failure and potential injury. Any and all public use will void this warranty.

Big Backyard by KidKraft disclaims all other representations and warranties of any kind, express or implied.

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

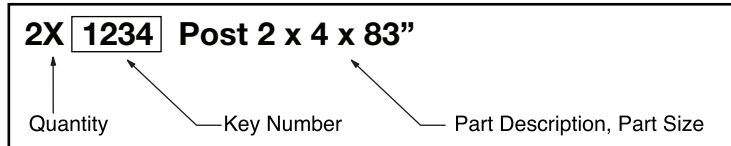
# Keys to Assembly Success

## Tools Required



## 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.



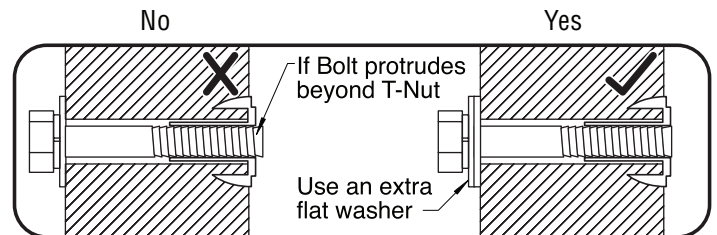
## Symbols

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

<p>This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.</p>	<p>Check that set or assembly is properly level before proceeding.</p> <p>Use Level</p>
<p>Use Help</p> <p>Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!</p>	<p>Pre-drill 1/8\"/&gt;  <p>Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.</p> </p>
<p>Measure Distance</p> <p>Check that assembly is square before tightening bolts.</p> <p>Use a measuring tape to assure proper location.</p>	<p>Tighten Bolts</p> <p>This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.</p>
<p>Square Assembly</p>	

## CAUTION – Protrusion Hazard

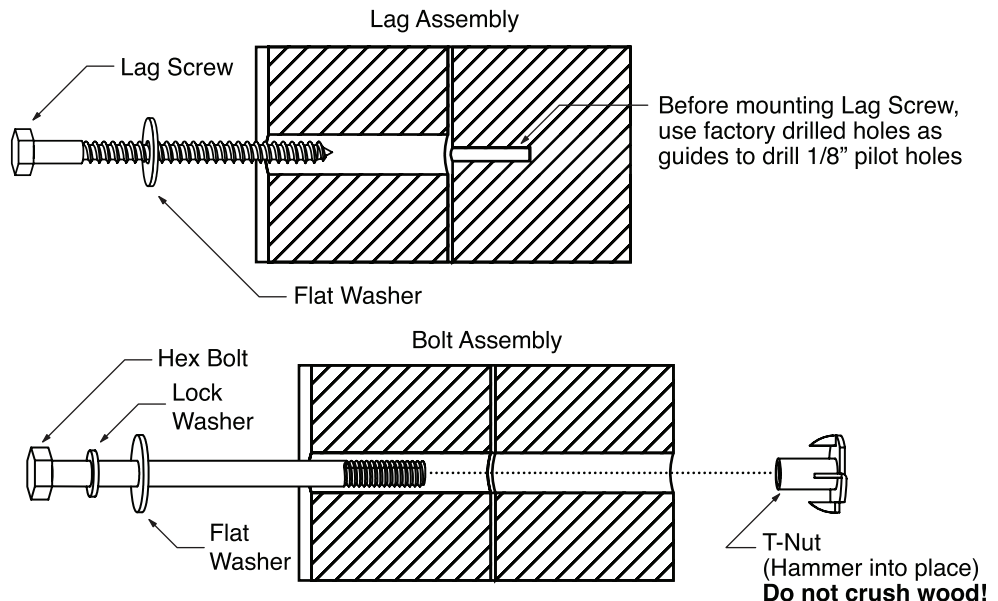
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.



## Proper Hardware Assembly

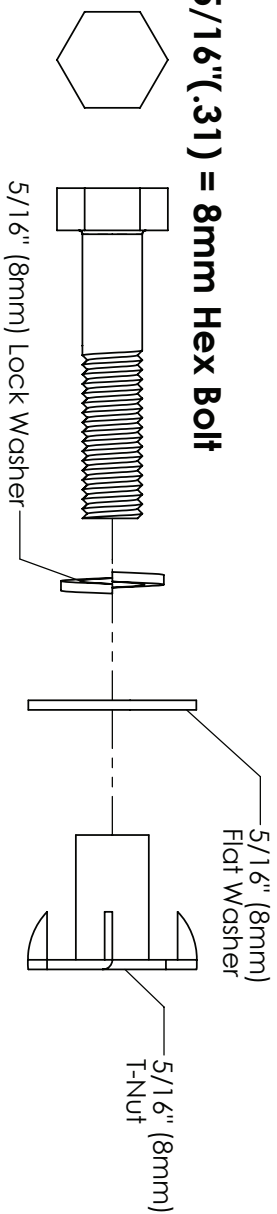
Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

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

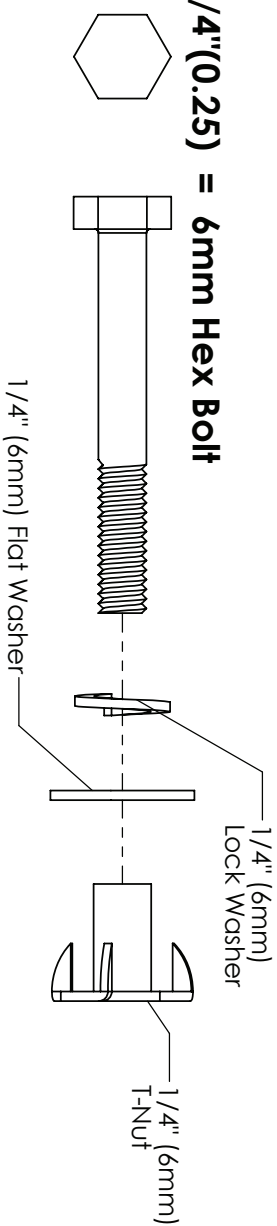


# KIDKRAFT HARDWARE

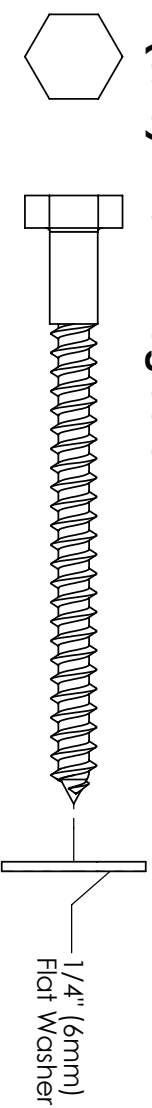
## 5/16"(.31) = 8mm Hex Bolt



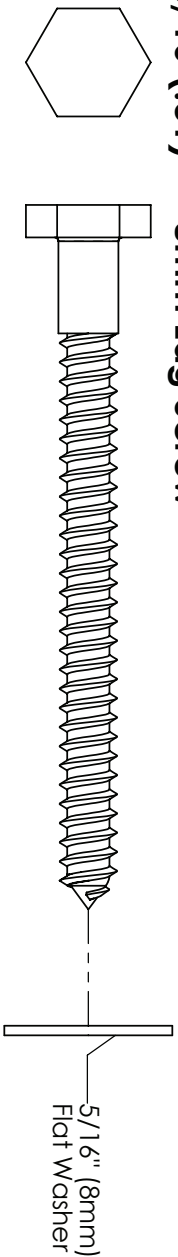
## 1/4"(0.25) = 6mm Hex Bolt



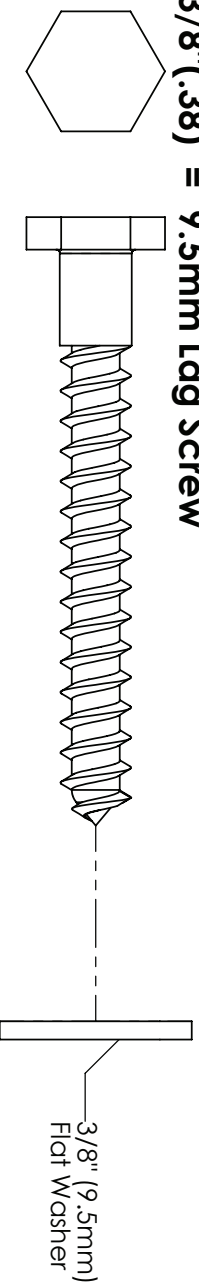
## 1/4"(0.25) = 6mm Lag Screw



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



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



### HARDWARE LENGTH CHART inches vs millimetres

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

### DIAMETER CONVERSION

1 inch = 25.4mm

#### For example:

BOLT DIAMETER 5/16 (0.31) inches

0.31 inches x 25.4mm = 8mm

### LENGTH CONVERSION

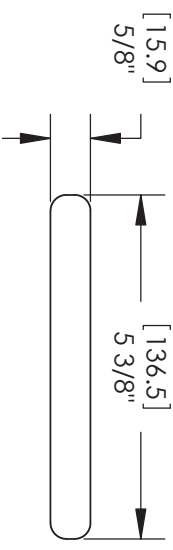
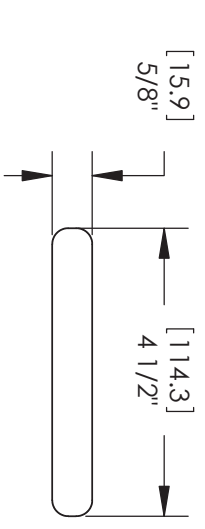
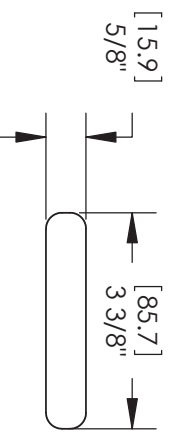
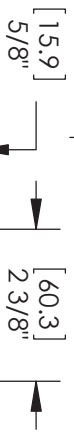
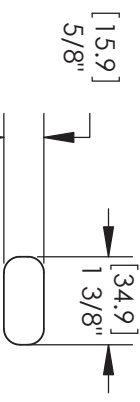
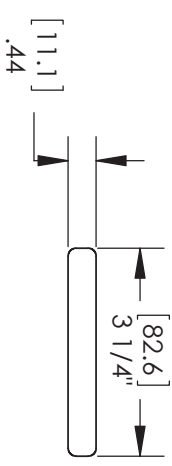
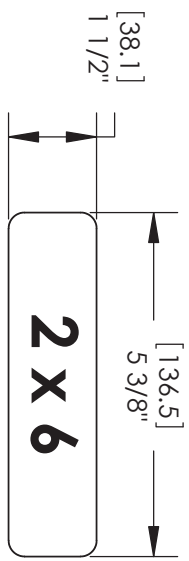
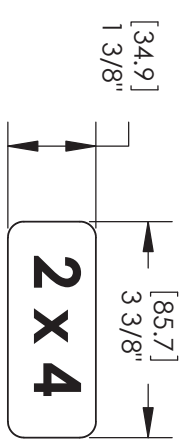
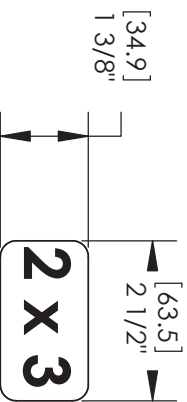
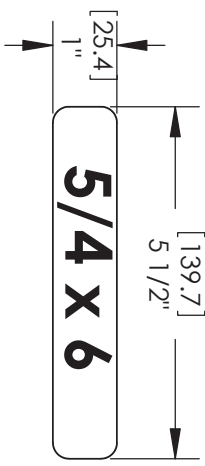
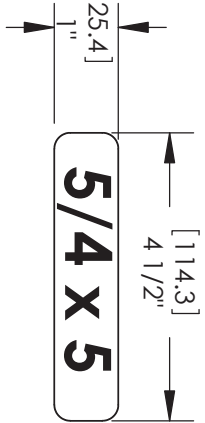
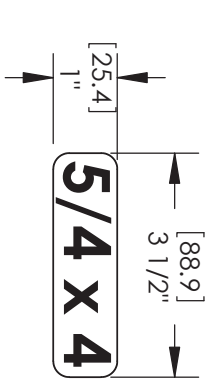
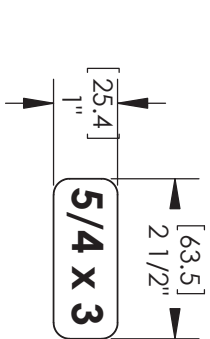
1 inch = 25.4mm

#### For example:

BOLT LENGTH 4½ (4.5) inches long

4.5 inches x 25.4mm = 114mm long

# KIDKRAFT WOOD PROFILES



**1/2 x 4**

**1 x 2**

**1 x 3**

**1 x 4**

**1 x 5**

**1 x 6**

## LENGTH CONVERSION

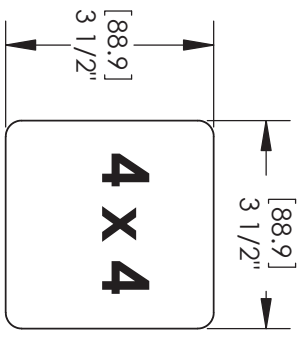
1 inch = 25.4mm

**For example:**

BOARD LENGTH 59 1/4 (59.25) inches

59.25 inches x 25.4mm = 1505mm

Dimensions in brackets [mm] represent millimetres.





# Part Identification (Reduced Part Size)

1pc. - **0726** - Panel Frame 1 x 2 x 25½" - Box 2 - 3620726



1pc. - **4930** - Sleeper 1 x 4 x 8" - 3624930 - Box 2



2pc. - **1503** - Wall Board ½ x 4 x 20" - Box 2 - 3621503



1pc. - **1901** - Top Window 1 x 4 x 20" -Box 2 - 3621901



4pc. - **5266** - Cedar Wall 1 x 4 x 28" - Box 2 - 3625266



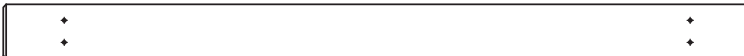
1pc. - **1904** - Back Divide 1 x 4 x 32 5/16" - Box 2 - 3621904



2pc. - **1906** - Top Front Back 1 x 4 x 38½" -Box 2 - 3621906



2pc. - **1909** - Tarp Front Back 1 x 4 x 46¾" -Box 2 - 3621909



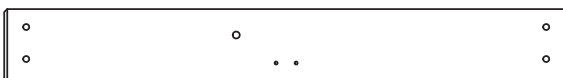
1pc. - **0353** - MK Ground 1 x 4 x 55¼" - Box 2 - 3620353



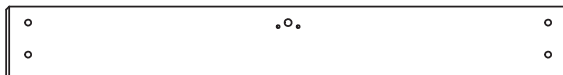
2pc. - **1897** - Roof Side 1 x 4 x 58½" - Box 2 - 3621897



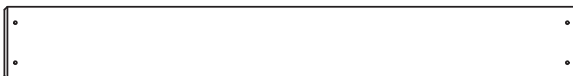
1pc. - **1896** - MK Floor 1 x 5 x 35¼" - Box 2 - 3621896



1pc. - **1895** - Floor End 1 x 5 x 35¼" - Box 2 - 3621895



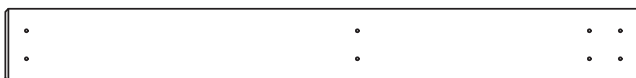
2pc. - **4934** - Table Top 1 x 5 x 35⅞" - 3624934 - Box 2



1pc. - **1768** - Lower Back 1 x 5 x 38½" - Box 2 - 3621768



1pc. - **1905** - Ground Front 1 x 5 x 39¾" - Box 2 - 3621905



1pc. - **1892** - Ground Side 1 x 5 x 53⅞" - Box 2 - 3621892



1pc. - **1893** - SW Ground 1 x 5 x 73⅞" - Box 2 - 3621893



Nominal Size	Actual Size
½ x 4	7/16" x 3¼"
1 x 2	5/8" x 1⅜"
1 x 4	5/8" x 3⅜"
1 x 5	5/8" x 4½"

# Part Identification (Reduced Part Size)

2pc. - **1779** - CE Access Board 1 x 6 x 17" - 3621779 - Box 2



2pc. - **1778** - CE Rock Board A 1 x 6 x 17" - 3621778 - Box 2



3pc. - **1777** - CE Rock Board B 1 x 6 x 17" - 3621777 - Box 2



2pc. - **0606** - CE Access Board 1 x 6 x 19<sup>3</sup>/<sub>4</sub>" - 3620606 - Box 2



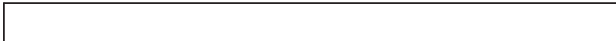
2pc. - **1890** - CE Gap Board 1 x 6 x 32<sup>1</sup>/<sub>2</sub>" - 3621890 - Box 2



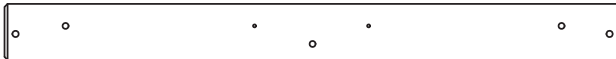
6pc. - **1889** - Floor Board 1 x 6 x 32<sup>1</sup>/<sub>2</sub>" - 3621889 - Box 2



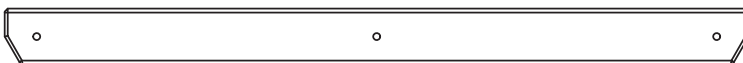
1pc. - **1903** - Floor Joist 5/4 x 3 x 38<sup>1</sup>/<sub>2</sub>" - 3621903 - Box 2



1pc. - **1894** - Back Floor 5/4 x 4 x 38<sup>1</sup>/<sub>2</sub>" - 3621894 - Box 2



1pc. - **1862** - SW Support 5/4 x 4 x 46<sup>1</sup>/<sub>2</sub>" - 3621862 - Box 2



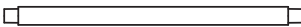
1pc. - **4933** - Table Seat 5/4 x 6 x 35<sup>5</sup>/<sub>8</sub>" - 3624933 - Box 2



5pc. - **0318** - Ground Stake 1<sup>1</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>2</sub> x 14" - 3650318 - Box 1



1pc. - **1858** - Dowel Tennon 1<sup>1</sup>/<sub>8</sub> x 18<sup>5</sup>/<sub>8</sub>" - 3681858 - Box 1



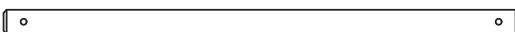
3pc. - **1578** - Dowel Tennon 1<sup>1</sup>/<sub>8</sub> x 15<sup>5</sup>/<sub>8</sub>" - 3681578 - Box 1



1pc. - **1899** - Roof Support 2 x 2 x 27<sup>1</sup>/<sub>2</sub>" - 3621899 - Box 2



1pc. - **1907** - Front Divide 2 x 2 x 32<sup>3</sup>/<sub>16</sub>" - 3621907 - Box 2



1pc. - **1761** - Side Joist 2 x 2 x 34<sup>3</sup>/<sub>4</sub>" - 3621761 - Box 2



1pc. - **1900** - Ridge 2 x 2 x 46<sup>3</sup>/<sub>4</sub>" - 3621900 - Box 2



Nominal Size	Actual Size
1 x 6	5/8" x 5 <sup>3</sup> / <sub>8</sub> "
5/4 x 3	1" x 2 <sup>1</sup> / <sub>2</sub> "
5/4 x 4	1" x 3 <sup>1</sup> / <sub>2</sub> "
2 x 2	1 <sup>1</sup> / <sub>2</sub> " x 1 <sup>1</sup> / <sub>2</sub> "

# Part Identification (Reduced Part Size)

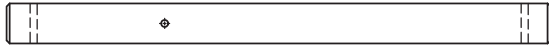
Nominal Size Actual Size

2 x 3	1 <sup>3</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>2</sub> "
2 x 4	1 <sup>3</sup> / <sub>8</sub> " x 3 <sup>3</sup> / <sub>8</sub> "
2 x 6	1 <sup>1</sup> / <sub>2</sub> " x 5 <sup>3</sup> / <sub>8</sub> "

1pc. - **0312** - Gusset 2 x 3 x 16" - 3620312 - Box 2



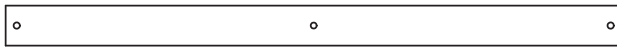
1pc. - **1902** - MK Mount 2 x 3 x 34" - 3621902 - Box 2



4pc. - **0369** - Lower Diagonal 2 x 3 x 37" - 3620369 - Box 2



1pc. - **1908** - Front Floor 2 x 3 x 38<sup>1</sup>/<sub>2</sub>" - 3621908 - Box 2



2pc. - **0349** - Rock Rail 2 x 3 x 51" - 3620349 - Box 2



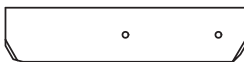
2pc. - **1367** - Post MK 2 x 3 x 70" - 3621367 - Box 2



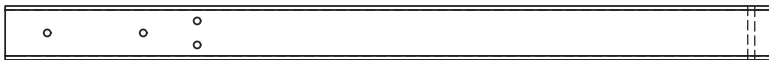
1pc. - **4900** - SW Rail Block 2 x 4 x 5<sup>3</sup>/<sub>8</sub>" - 3624900 - Box 2



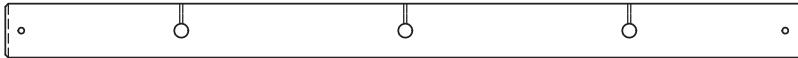
2pc. - **4932** - Table Support 2 x 4 x 15" - 3624932 - Box 2



1pc. - **1856** - SW Upright 2 x 4 x 48<sup>5</sup>/<sub>16</sub>" - 3621856 - Box 2



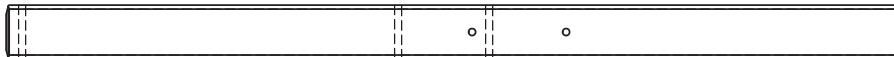
1pc. - **1565** - MK Rail Short 2 x 4 x 50" - 3621565 - Box 2



1pc. - **1564** - MK Rail Long 2 x 4 x 52" - 3621564 - Box 2



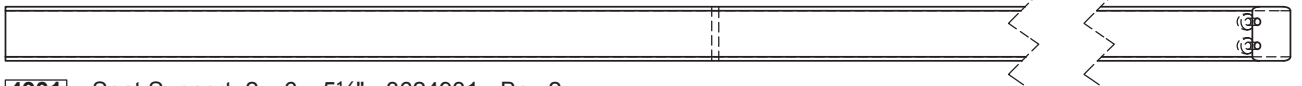
1pc. - **1898** - SW Mount 2 x 4 x 56" - 3621898 - Box 2



4pc. - **1891** - Post 2 x 4 x 77<sup>1</sup>/<sub>2</sub>" - 3621891 - Box 2



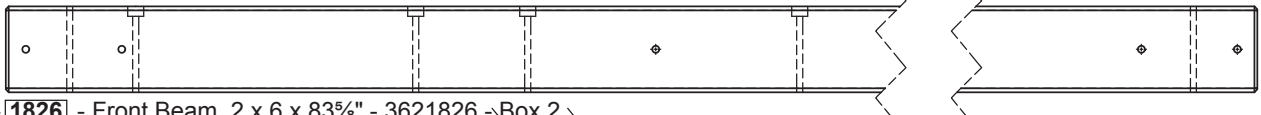
2pc. - **1863** - SW Post 2 x 4 x 86<sup>11</sup>/<sub>16</sub>" - 3621863 - Box 2



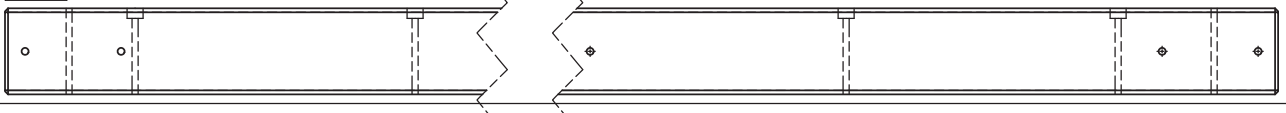
2pc. - **4931** - Seat Support 2 x 6 x 5<sup>1</sup>/<sub>2</sub>" - 3624931 - Box 2



1pc. - **1825** - Back Beam 2 x 6 x 83<sup>5</sup>/<sub>8</sub>" - 3621825 - Box 2

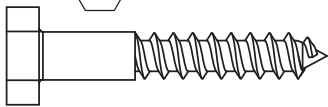


1pc. - **1826** - Front Beam 2 x 6 x 83<sup>5</sup>/<sub>8</sub>" - 3621826 - Box 2

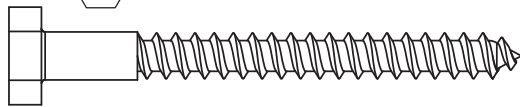


# Hardware Identification (Actual Size)

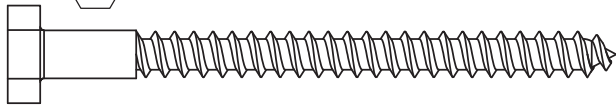
4pc. **LS1** -Lag Screw 1/4 x 1-1/2" - (9262212)



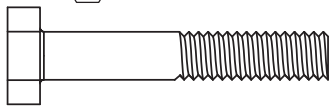
10pc. **LS2** -Lag Screw 1/4 x 2-1/2" - (9272222)



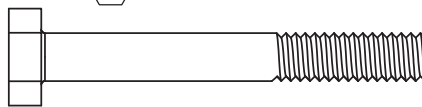
5pc. **LS3** -Lag Screw 1/4 x 3" - (9262230)



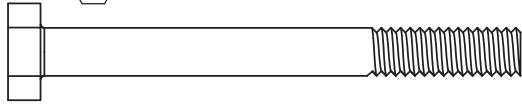
1pc. **H1** -Hex Bolt 1/4 x 1-1/2" - (9277212)



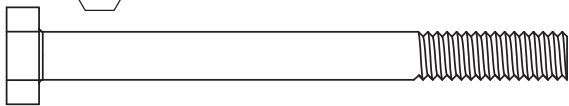
21pc. **H2** -Hex Bolt 1/4 x 2" - (9277220)



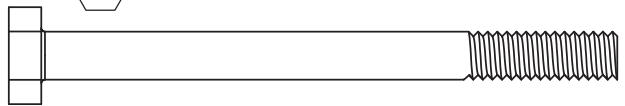
2pc. **H3** -Hex Bolt 1/4 x 2-1/2" - (9277222)



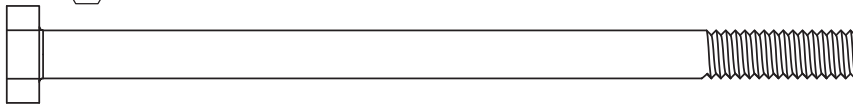
1pc. **H11** -Hex Bolt 1/4 x 2-3/4" - (9277223)



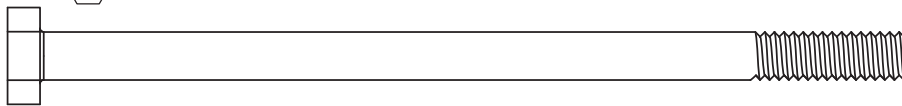
2pc. **H12** -Hex Bolt 1/4 x 3" - (9277230)



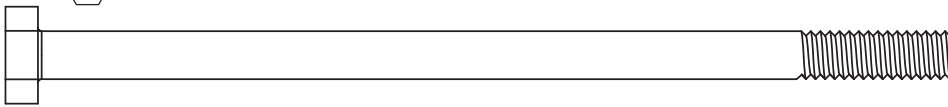
1pc. **H8** -Hex Bolt 1/4 x 4-1/4" - (9277241)



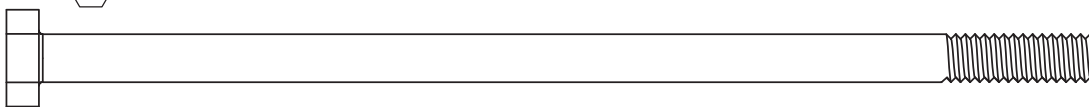
2pc. **H5** -Hex Bolt 1/4 x 4-1/2" - (9277242)



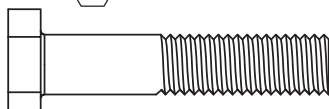
2pc. **H6** -Hex Bolt 1/4 x 4-3/4" - (9277243)



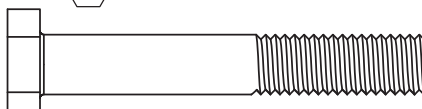
4pc. **H7** -Hex Bolt 1/4 x 5-1/2" - (9277252)



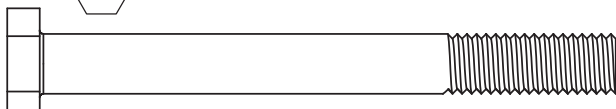
4pc. **G1** -Hex Bolt 5/16 x 1-1/2" - (9277312)



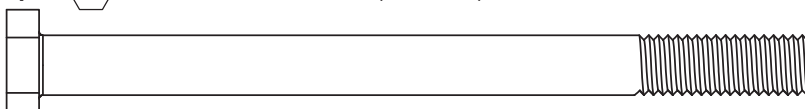
2pc. **G8** -Hex Bolt 5/16 x 2" - (9277320)



5pc. **G10** -Hex Bolt 5/16 x 3" - (9277330)

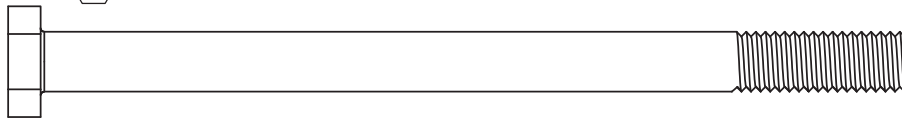


4pc. **G4** -Hex Bolt 5/16 x 4" - (9277340)

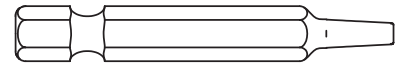


# Hardware Identification (Actual Size)

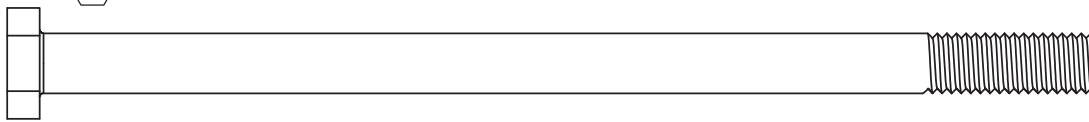
5pc. **(G5)** -Hex Bolt 5/16 x 4 1/2" - (9277342)



1pc. **(D4)** -#2 Robertson Driver Bit - (9200014)



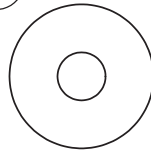
4pc. **(G7)** -Hex Bolt 5/16 x 5 1/2" - (9277352)



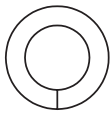
2pc. **(Z)** -Hex Bolt 5/16 x 6" - (9277360)



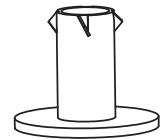
56pc. **(FW1)** -1/4" Flat Washer - (9251200)



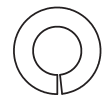
18pc. **(LW2)** - 5/16" Lock Washer - (9253300)



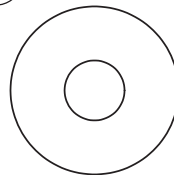
5pc. **(BN1)** -1/4" Barrel Nut - (9248200)



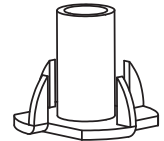
42pc. **(LW1)** -1/4" Lock Washer - (9253200)



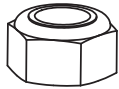
42pc. **(FW2)** - 5/16" Flat Washer - (9251300)



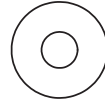
37pc. **(TN1)** - 1/4" T - Nut - (9285200)



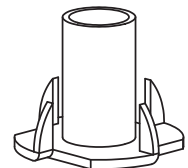
12pc. **(LN2)** - 5/16" Lock Nut - (9283300)



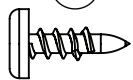
24pc. **(FW3)** -#8 Flat Washer - (9251500)



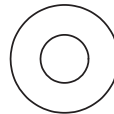
18pc. **(TN2)** - 5/16" T - Nut - (9285300)



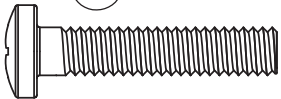
4pc. **(S37)** - Pan Screw #7 x 5/8" - (52433009)



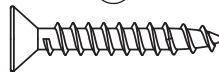
15pc. **(FW0)** -3/16" Flat Washer - (9251100)



6pc. **(PB2)** -Pan Bolt 1/4 x 1 1/4 - (9274211)



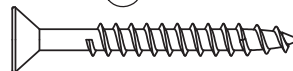
24pc. **(S1)** -Wood Screw #8 x 1 1/8" - (52042514)



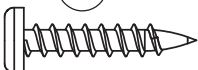
38pc. **(S5)** -Pan Screw #8 x 1/2" - (9264504)



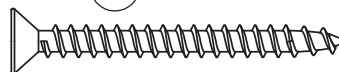
101pc. **(S2)** -Wood Screw #8 x 1 1/2" - (52042512)



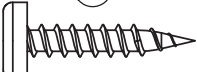
5pc. **(S10)** -Pan Screw #8 x 1" - (9264510)



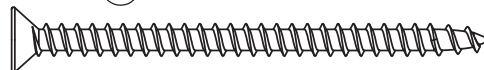
8pc. **(S15)** -Wood Screw #8 x 1 3/4" - (52043513)



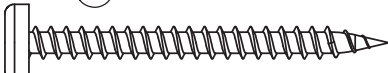
14pc. **(S6)** -Pan Screw #12 x 1" - (9264610)



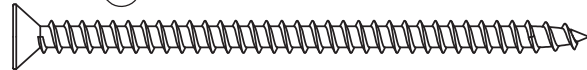
19pc. **(S3)** -Wood Screw #8 x 2 1/2" - (52042522)



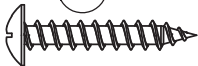
15pc. **(S7)** -Pan Screw #12 x 2" - (9264620)



10pc. **(S4)** -Wood Screw #8 x 3" - (52042530)



8pc. **(S22)** -Truss Screw #8 x 7/8" - (52933505)



# Part Identification (Reduced Part Size)



1X 3320386 Rocks (5pk)  
3-Green 2-Yellow



1X 9320370  
KK I.D. Plaque  
w hardware



1X 3201103 (4pk)  
Corner Brace Set



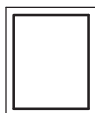
3X 9200300  
MK Bracket  
Green

1X 9200140  
MB Mount Strap  
Green

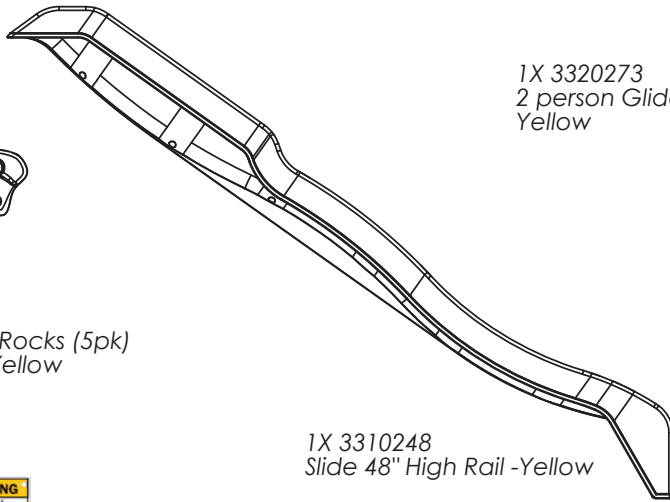
1X 3201305  
Monkey Bracket Set

1X 9753850  
Cedarbrook Tarp

1X 3753850 Cedarbrook Tarp Set



1X 9750120  
Chalk Wall

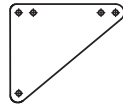


1X 3310248  
Slide 48" High Rail -Yellow

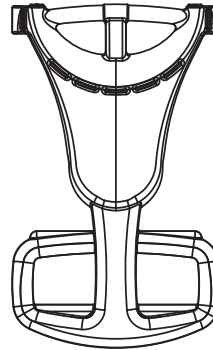
1X 3320273  
2 person Glider Seat  
Yellow



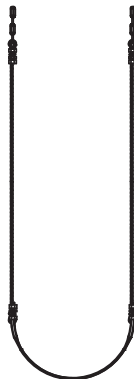
1X 3533860  
39" Glider Rope & Chain  
(4pk) w. welded chain



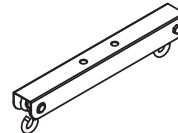
1X 3200184  
Triangle Plate (4pk)  
Green



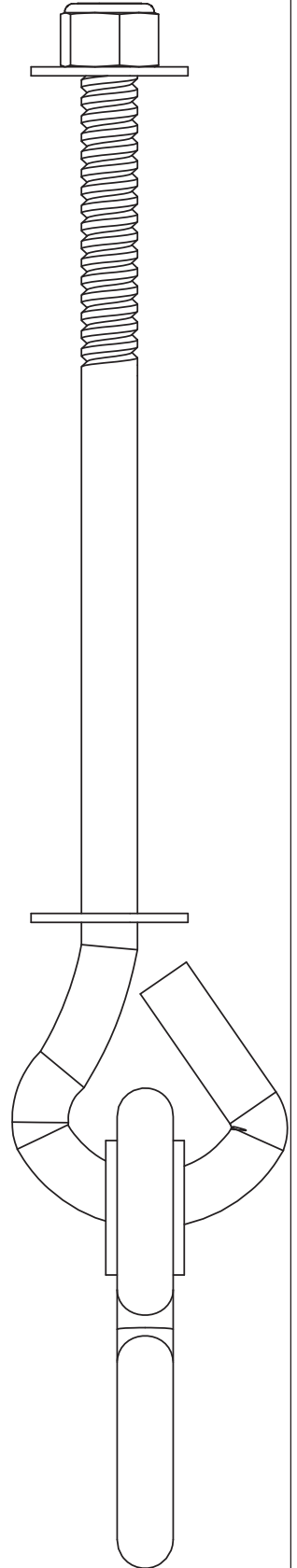
2X 3320172  
2 person Glider End



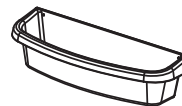
2X 3724943  
42" Belt Swing Yellow  
w.welded chain



1X 3200202  
Glider Hanger (2pk)

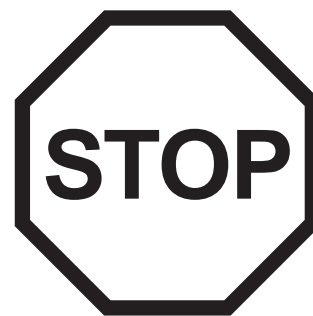
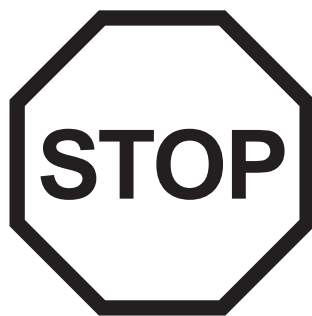
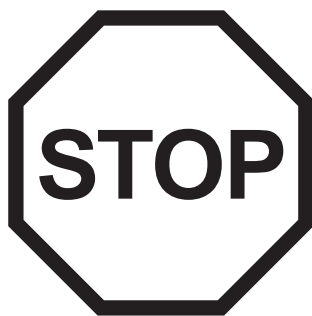
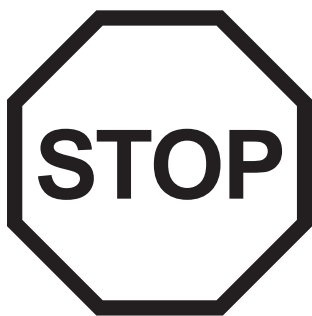


1X 3202000  
Swing Hanger Bolt  
Thru. (4 pk)



1X 3320401  
Flower Box Green

# Step 1: Inventory Parts - Read This Before Starting Assembly



- A.** This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.
- The wood pieces will have the four digit key number stamped on the ends of the boards. The wood pieces are referenced throughout the instructions with this number.
  - Please refer to Page 6 for proper hardware assembly.
  - Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- B.** For Parts Replacement:
- Use our Online form <https://parts.kidkraft.eu>
  - Email us at [europcustomerservice@kidkraft.com](mailto:europcustomerservice@kidkraft.com)
  - Call us at **+31 20 305 8620**
- C.** Read the assembly manual completely, paying special attention to EN71 and ASTM warnings; notes; and safety/maintenance information on pages 1 - 6.
- D.** Before you discard your cartons fill out the form below or online at <https://prdregistration.kidkraft.com/>.
- The carton I.D. stamp is located on the end of each carton.
  - Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

**MODEL NUMBER: F23850**

CARTON I.D. STAMP: \_ \_ \_ \_ 14459 \_ (Box 1)

CARTON I.D. STAMP: \_ \_ \_ \_ 14459 \_ (Box 4)

CARTON I.D. STAMP: \_ \_ \_ \_ 14459 \_ (Box 2)

CARTON I.D. STAMP: \_ \_ \_ \_ 14459 \_ (Box 5)

CARTON I.D. STAMP: \_ \_ \_ \_ 14459 \_ (Box 3)

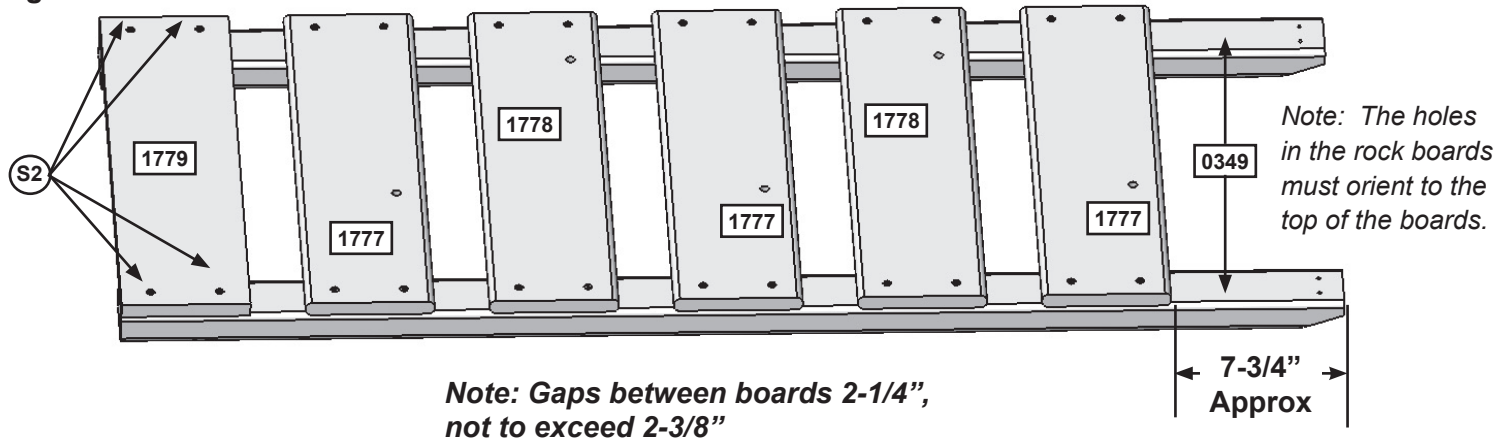
CARTON I.D. STAMP: \_ \_ \_ \_ 14459 \_ (Box 6)

TRACKING NUMBER (from ID Plaque): \_\_\_\_\_

# Step 2: Rock Wall Assembly



Fig. 2.1



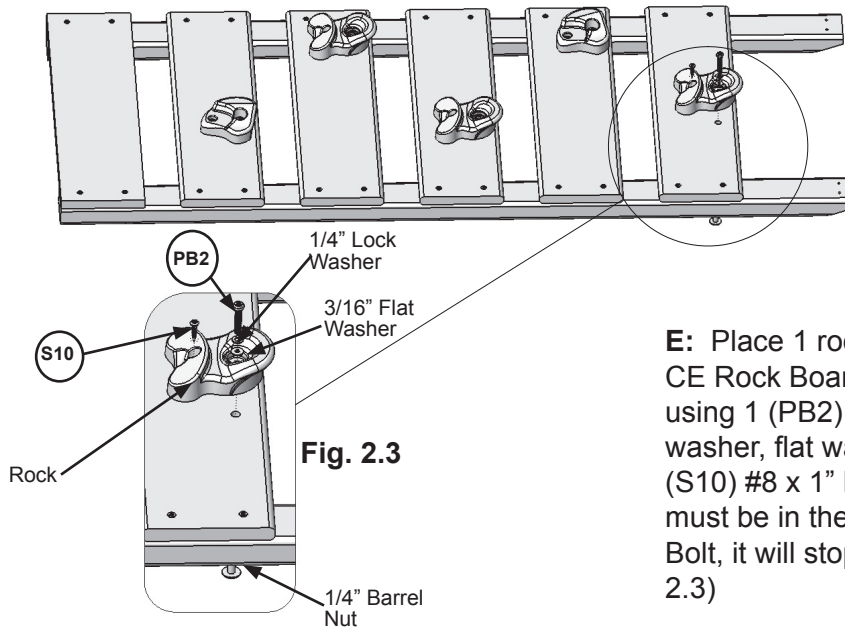
**A:** Lay 2 (0349) Rock Rails down, side by side with angled edges facing down. (fig. 2.1)

**B:** Place (1779) CE Access Board on the bottom of each (0349) Rock Rail as shown in fig. 2.1. Make sure (1779) CE 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:** 7-3/4" down from the top of both (0349) Rock Rails place 1 (1777) CE 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. 2.1)

**D:** In between the (1779) CE Access Board and (1777) CE Rock Board B stagger 2 (1778) and 2 (1777) CE Rock Boards A & B using 4 (S2) #8 x 1-1/2" Wood Screws per board. Placing them as shown in fig. 2.1, 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. 2.2



**E:** Place 1 rock on each (1777) and (1778) CE Rock Board A & B (fig. 2.2) 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. 2.3)

### Wood Parts

- 1 x 1779 CE Access Board 1 x 6 x 17"
- 3 x 1777 CE Rock Board B 1 x 6 x 17"
- 2 x 1778 CE Rock Board A 1 x 6 x 17"
- 2 x 0349 Rock Rail 2 x 3 x 51"

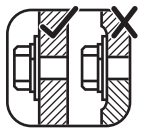
### Hardware

- 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

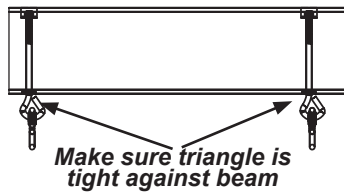
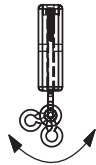
- 5 x Rocks (3 green/2 yellow)





# Step 3: Swing Beam Assembly

Fig. 3.4



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

**A:** In the middle holes of (1825) Back Beam install 2 Bolt-Thru Swing Hangers (fig. 3.1) making sure the swing hangers are oriented in the direction shown in fig. 3.4 to maintain proper swing motion.

**B:** In the end holes of (1826) Front Beam install 2 Bolt-Thru Swing Hangers (fig. 3.1) making sure the swing hangers are oriented in the direction shown in fig. 3.4 to maintain proper swing motion.

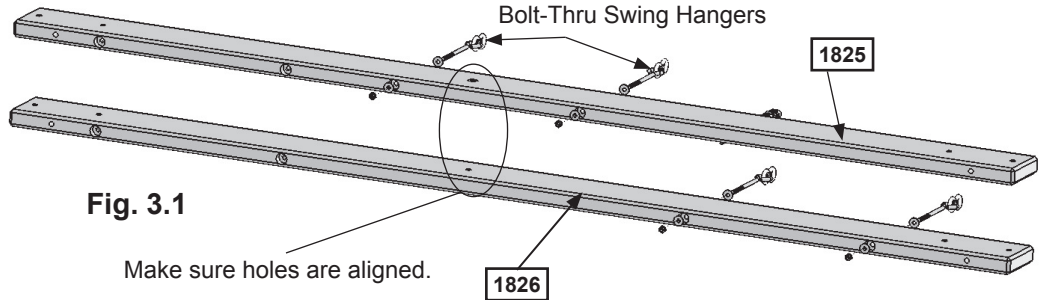
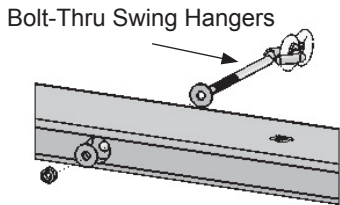


Fig. 3.1

**C:** Attach 1 Triangle Plate to the ends of each (1826) Front Beam and (1825) Back Beam using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) in the hole indicated in fig. 3.2 & 3.3. **Correct hole usage is very important.**

Fig. 3.2

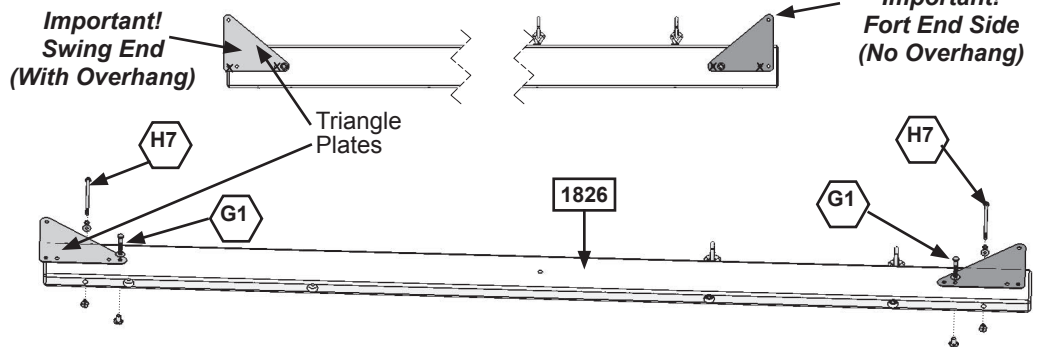
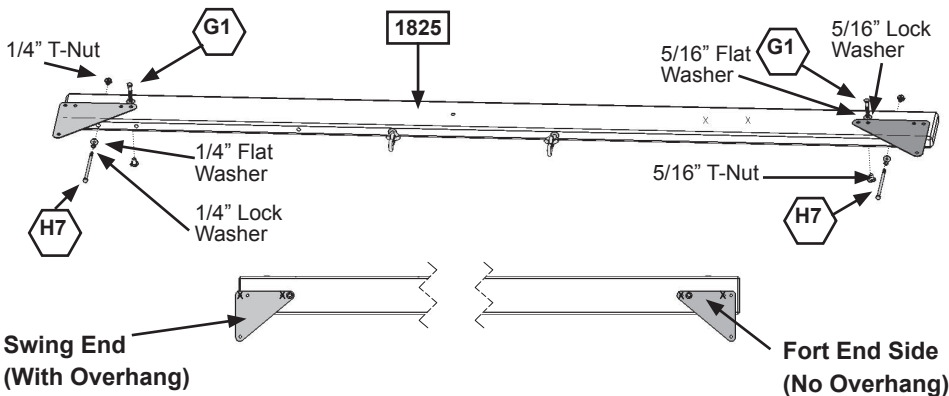


Fig. 3.3



**D:** Attach 1 (H7) 1/4 x 5-1/2" Hex Bolt (with lock washer, flat washer and t-nut) to the ends of each (1826) Front Beam and (1825) Back Beam. The bolts do not attach to anything, but **MUST** be installed to the beams to prevent splitting and checking of wood. (fig. 3.2 & 3.3)

**Wood Parts**

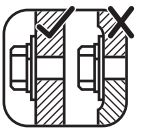
- 1 x 1826 Front Beam 2 x 6 x 83-5/8"
- 1 x 1825 Back Beam 2 x 6 x 83-5/8"

**Hardware**

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

**Other Parts**

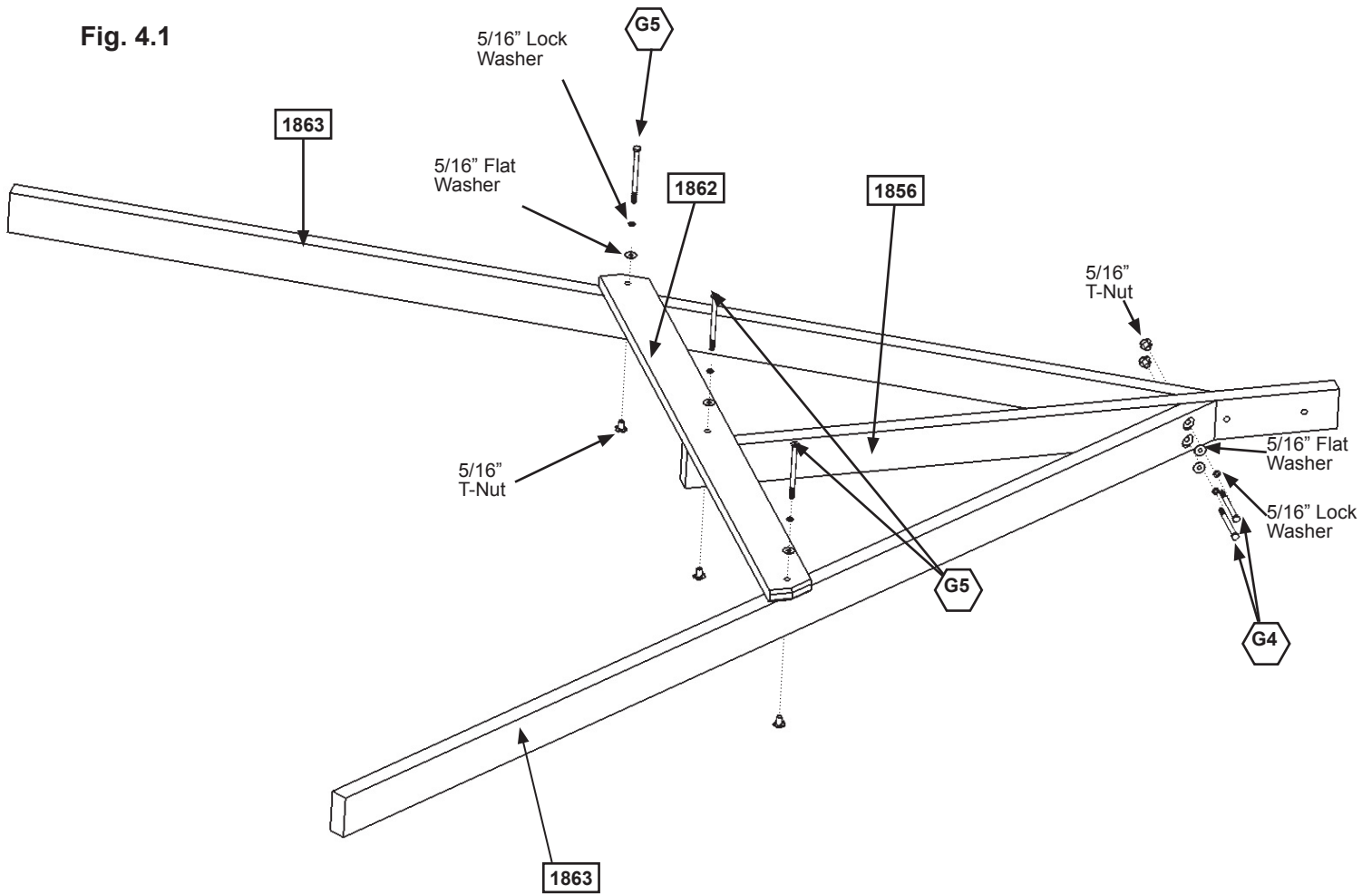
- 1 x Bolt-Thru Swing Hangers (pkg of 4)
- 1 x Triangle Plate (pkg of 4)



# Step 4: Swing End Assembly

**A:** Attach 2 (1863) SW Posts to (1856) SW Upright using 2 (G4) 5/16 x 4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 4.1)

**Fig. 4.1**



**B:** Attach (1862) SW Support to both (1863) SW Posts and (1856) SW Upright using 3 (G5) 5/16 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 4.1)

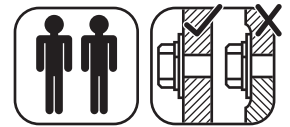
### Wood Parts

- 2 x 1863 SW Post 2 x 4 x 86-11/16"
- 1 x 1862 SW Support 5/4 x 4 x 46-1/2"
- 1 x 1856 SW Upright 2 x 4 x 48-5/16"

### Hardware

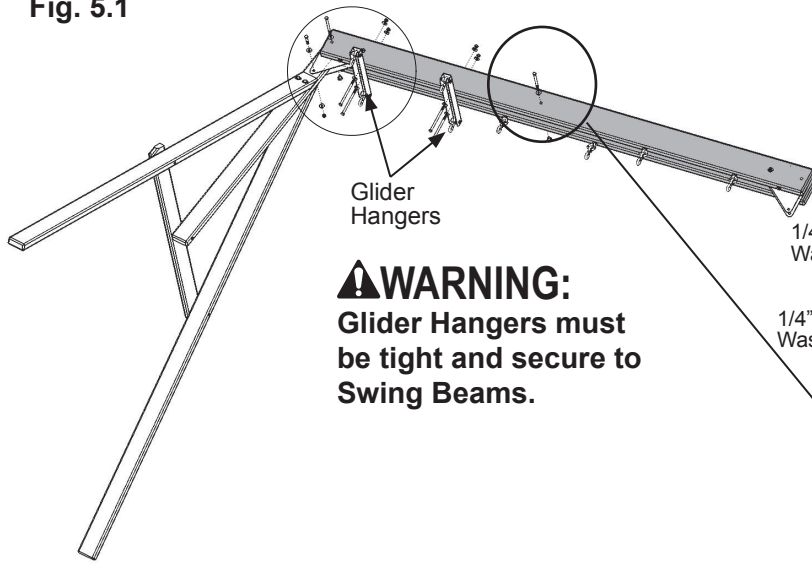
- 2 x G4 5/16 x 4" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 3 x G5 5/16 x 4-1/2" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)

# Step 5: Attach Swing End to Swing Beam

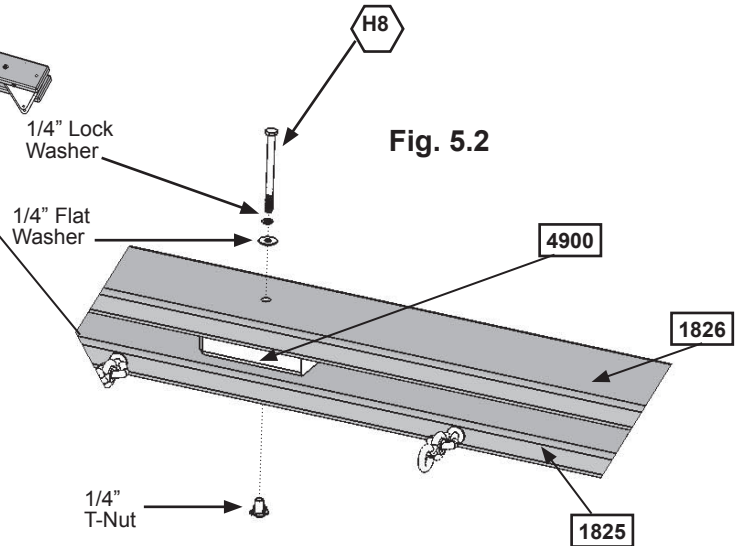


**A:** Place (4900) SW Rail Block in the centre between (1826) Front Beam and (1825) Back Beam and attach with 1 (H8) 1/4 x 4-1/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 5.1 & 5.2)

**Fig. 5.1**



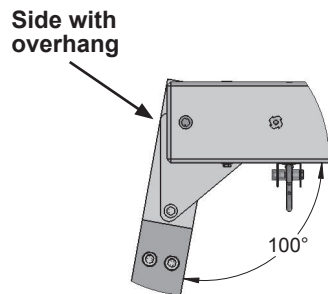
**Fig. 5.2**



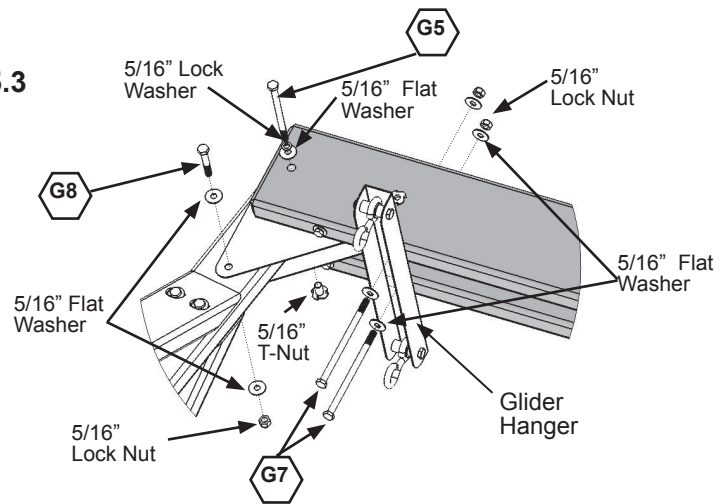
**B:** Attach Swing Beam Assembly to the side of the Swing End Assembly with the overhang (fig. 5.3 & 5.4) using 1 (G5) 5/16 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) in the top hole of Triangle Plate and 1 (G8) 5/16 x 2" Hex Bolt (with 2 flat washers and lock nut) in the bottom hole of Triangle Plate. (fig. 5.3) Make sure Swing End Assembly flares out at an angle. (fig. 5.4)

**C:** Attach 2 Glider Hangers to the Swing Beam Assembly using 2 (G7) 5/16 x 5-1/2" Hex Bolt (with 2 flat washers & lock nut) per Glider Hanger. (fig. 5.1 & 5.3)

**Fig. 5.4**



**Fig. 5.3**



**Wood Parts**

1 x 4900 SW Rail Block 2 x 4 x 5-3/8"

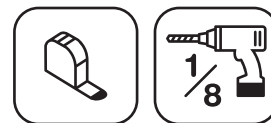
**Hardware**

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

**Other Parts**

2 x Glider Hangers

# Step 6: Monkey Rail Assembly



**Pre-drill all pilot holes using a 1/8" drill bit before installing wood screws.**

**A:** Insert 3 (1578) 1-1/8 x 15-7/8" Dowels into both (1564) MK Rail Long and (1565) MK Rail Short as shown in fig. 6.1. Note that (1564) MK Rail Long will connect to the (1891) Post when attaching to the fort and (1565) MK Rail Short will connect to (1902) MK Mount and the pilot holes on the (1565) MK Rail Short are on the bottom of the board.

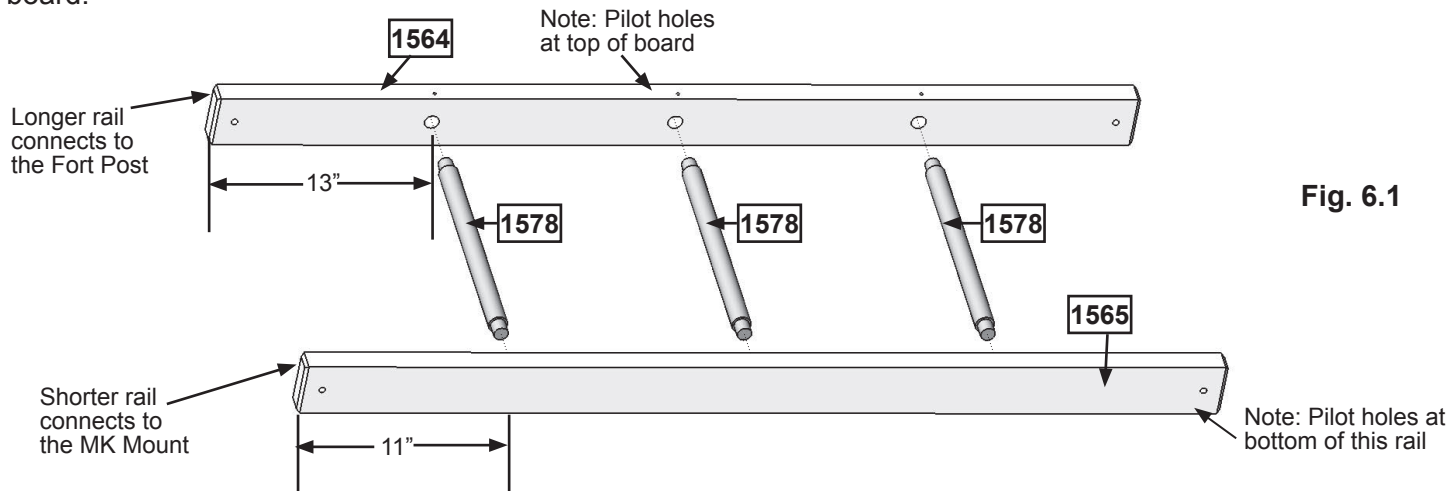


Fig. 6.1

**B:** Make sure shoulder of dowel is against each rail before pre-drilling pilot holes. Drill 1/8" pilot holes through the rails and into the dowels to prevent splitting. (fig. 6.2)

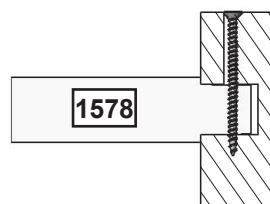


Fig. 6.2

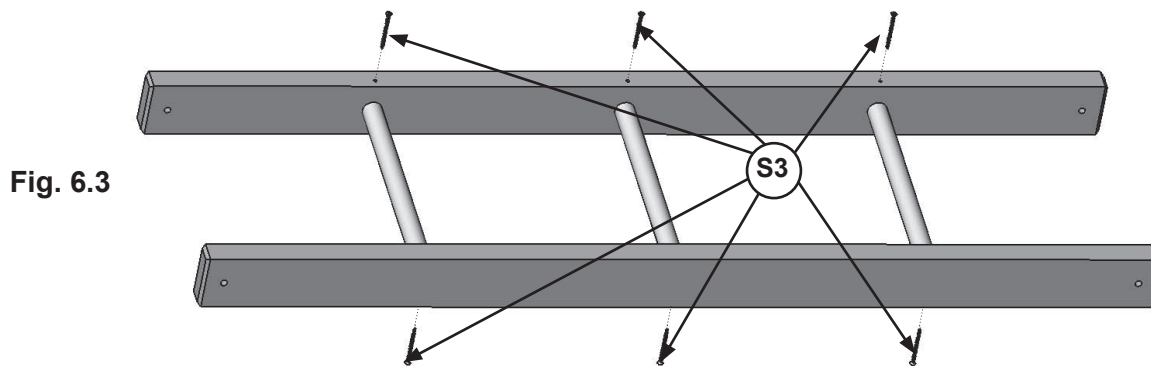


Fig. 6.3

**C:** Attach (1578) 1-1/8 x 15-7/8" Dowels to both rails with 2 (S3) #8 x 2-1/2" Wood Screws per dowel. Screws are installed from the bottom of the board on the (1565) MK Rail Short (fig. 6.3)

### Wood Parts

- 3 x 1578 Tennon Dowel 1-1/8 x 15-7/8"
- 1 x 1564 MK Rail Long 2 x 4 x 52"
- 1 x 1565 MK Rail Short 2 x 4 x 50"

### Hardware

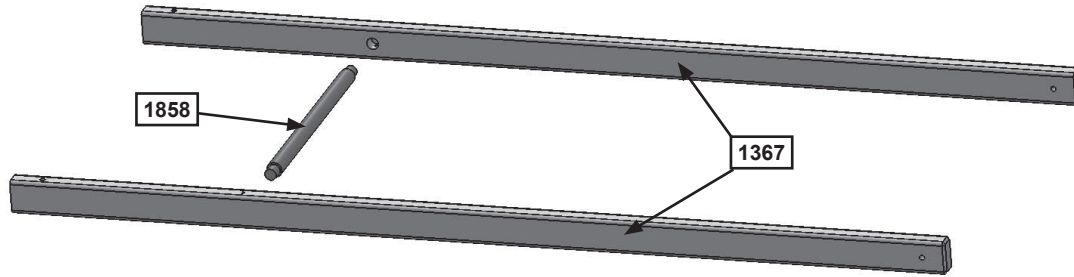
- 6 x S3 #8 x 2-1/2" Wood Screw

# Step 7: Monkey Ladder Assembly

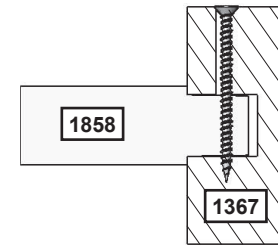


**A:** Insert 1 (1858) 1-1/8 x 18-5/8" Dowel into 2 (1367) Post MK as shown in fig. 7.1.

**Fig. 7.1**



**B:** Make sure shoulder of dowel is against each post before pre-drilling pilot holes. Drill 1/8" pilot holes through the posts and into the dowel to prevent splitting. (fig. 7.2)



**Fig. 7.2**

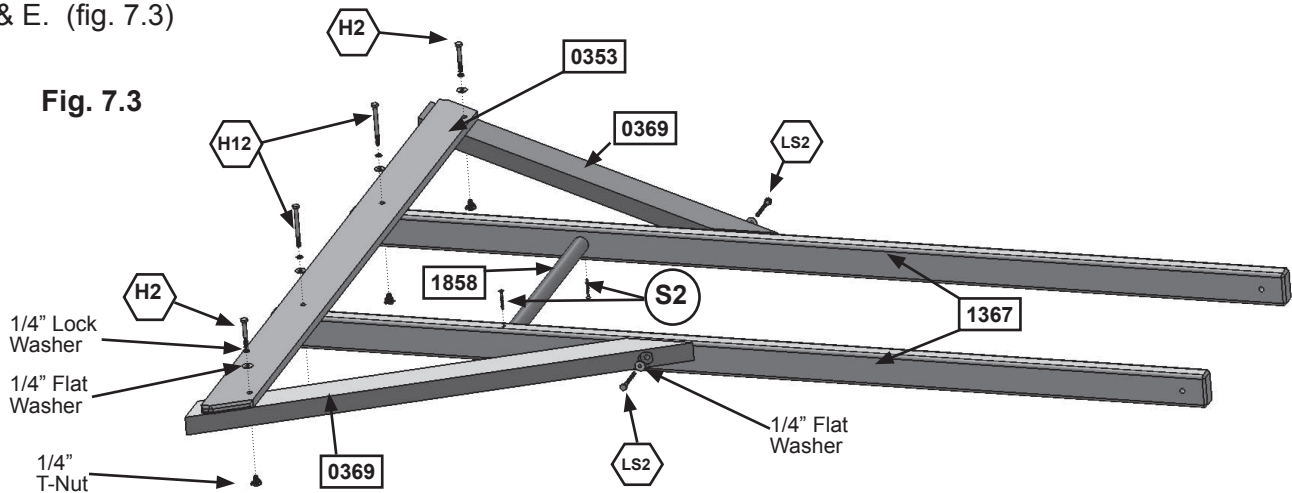
**C:** Attach (1858) 1-1/8 x 18-5/8" Dowel to both posts with 2 (S2) #8 x 1-1/2" Wood Screws per dowel. One screw is installed from top of the rails and the other from the bottom as shown in fig. 7.3.

**D:** At bottom of (1367) Post MK attach (0353) MK Ground with 2 (H12) 1/4 x 3" Hex Bolts (with lock washer, flat washer and t-nut). **Be sure to keep the bolts loose.** (fig. 7.3)

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

**E:** Make sure the assembly is square and then attach 1 (0369) Lower Diagonal to each end of (0353) MK Ground with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut), keeping the bolts loose, and to each (1367) Post MK with 1 (LS2) 1/4 x 2-1/2" Lag Screw (with flat washer). Once lag screws are installed tighten all bolts from Steps D & E. (fig. 7.3)

**Fig. 7.3**



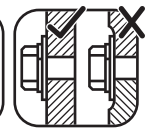
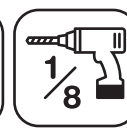
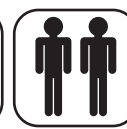
**Wood Parts**

- 2 x 0369 Lower Diagonal 2 x 3 x 37"
- 1 x 0353 MK Ground 1 x 4 x 55-1/4"
- 2 x 1367 Post MK 2 x 3 x 70"
- 1x 1858 Tennon Dowel 1-1/8 x 18-5/8"

**Hardware**

- 2 x H12 1/4 x 3" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x H2 1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x LS2 1/4 x 2-1/2" Lag Screw (1/4" flat washer)
- 2 x S2 #8 x 1-1/2" Wood Screw

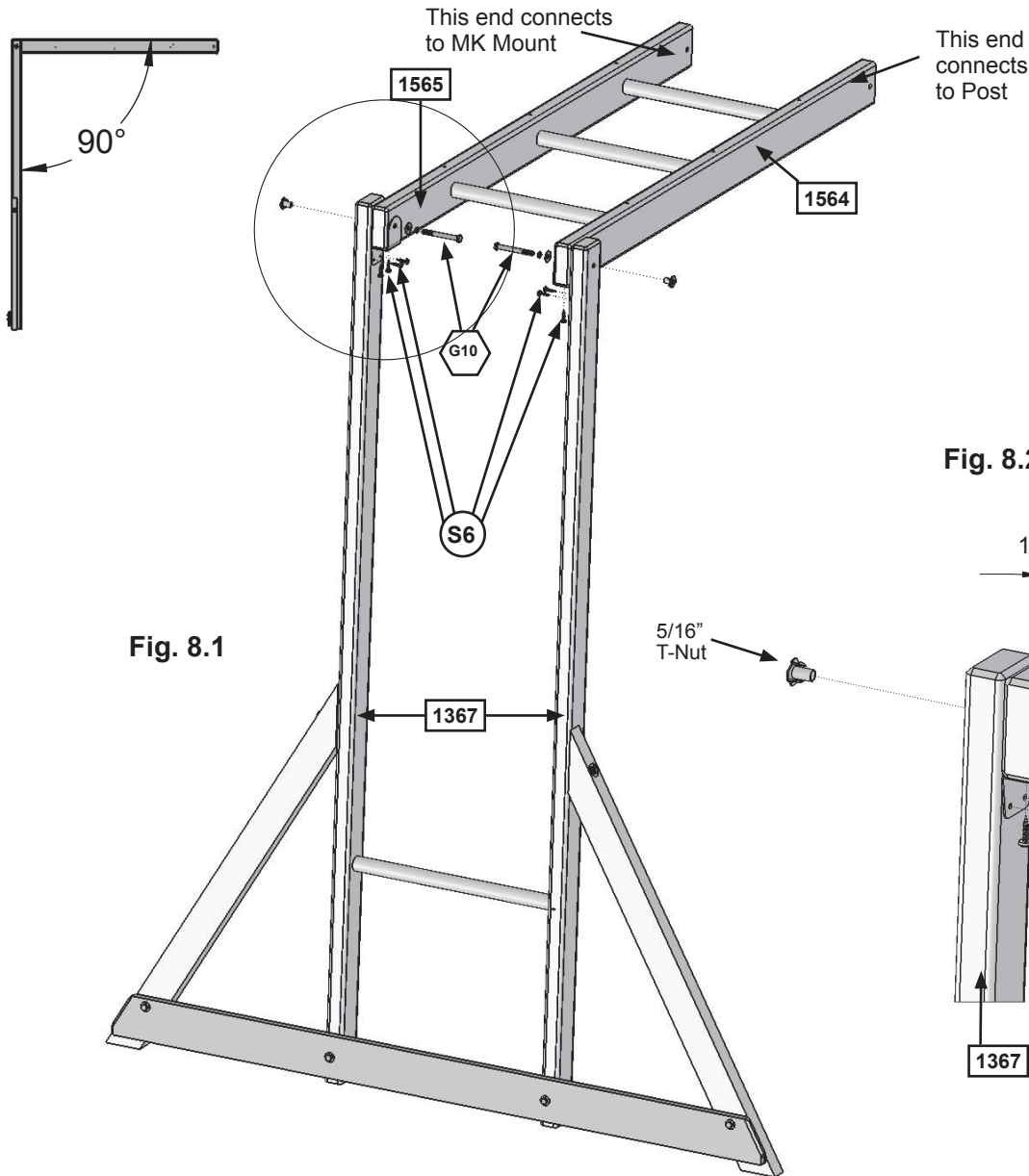
# Step 8: Connect Monkey Bar Assemblies



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

**A:** Using a MK Bracket connect both (1564) MK Rail Long and (1565) MK Rail Short to each (1367) Post MK with 1 (G10) 5/16 x 3" Hex Bolt (with lock washer, flat washer and t-nut) and MK Bracket to the rails using 2 (S6) #12 x 1" Pan Screws per rail as shown in fig. 8.1 and 8.2.

**B:** Attach MK Bracket to both (1367) Post MKs with 2 (S6) #12 x 1" Pan Screws per bracket. (fig. 8.2)



### Hardware

- 2 x 5/16 x 3" Hex Bolt  
(5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 8 x #12 x 1" Pan Screws

### Other Parts

- 2 x MK Bracket

# Step 9: Monkey Bar Wall Assembly Part 1

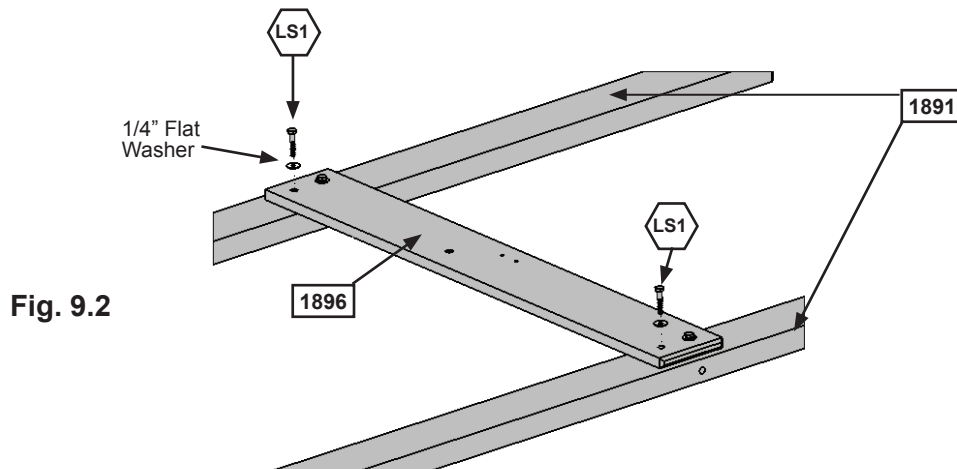
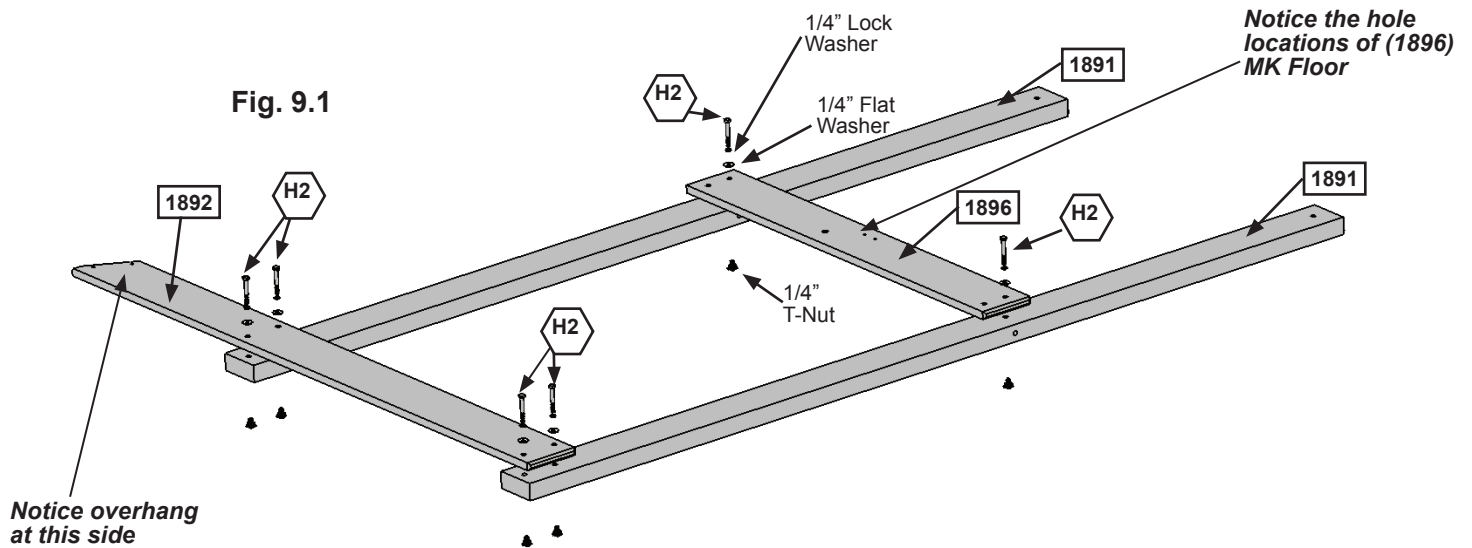


**Note: Pre-drill all holes using a 1/8" drill bit before installing the lag screws.**

**Note: Keep all bolts loose in this step.**

**A:** On the ground lay flat 2 (1891) Posts then attach (1892) Ground Side with 4 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut); and (1896) MK Floor using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) in the top holes as shown in fig. 9.1.

**B:** Make sure assembly is square and then fasten (1896) MK Floor to (1891) Posts in the bottom holes using 2 (LS1) 1/4 x 1-1/2" Lag Screws (with flat washer). (fig. 9.2)



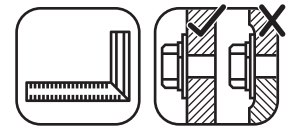
## Wood Parts

- 1 x 1896 MK Floor 1 x 5 x 35-1/4"
- 1 x 1892 Ground Side 1 x 5 x 53-7/8"
- 2 x 1891 Post 2 x 4 x 77-1/2"

## Hardware

- 6 x H2 1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x LS1 1/4 x 1-1/2" Lag Screw (1/4" flat washer)

# Step 9: Monkey Bar Wall Assembly Part 2



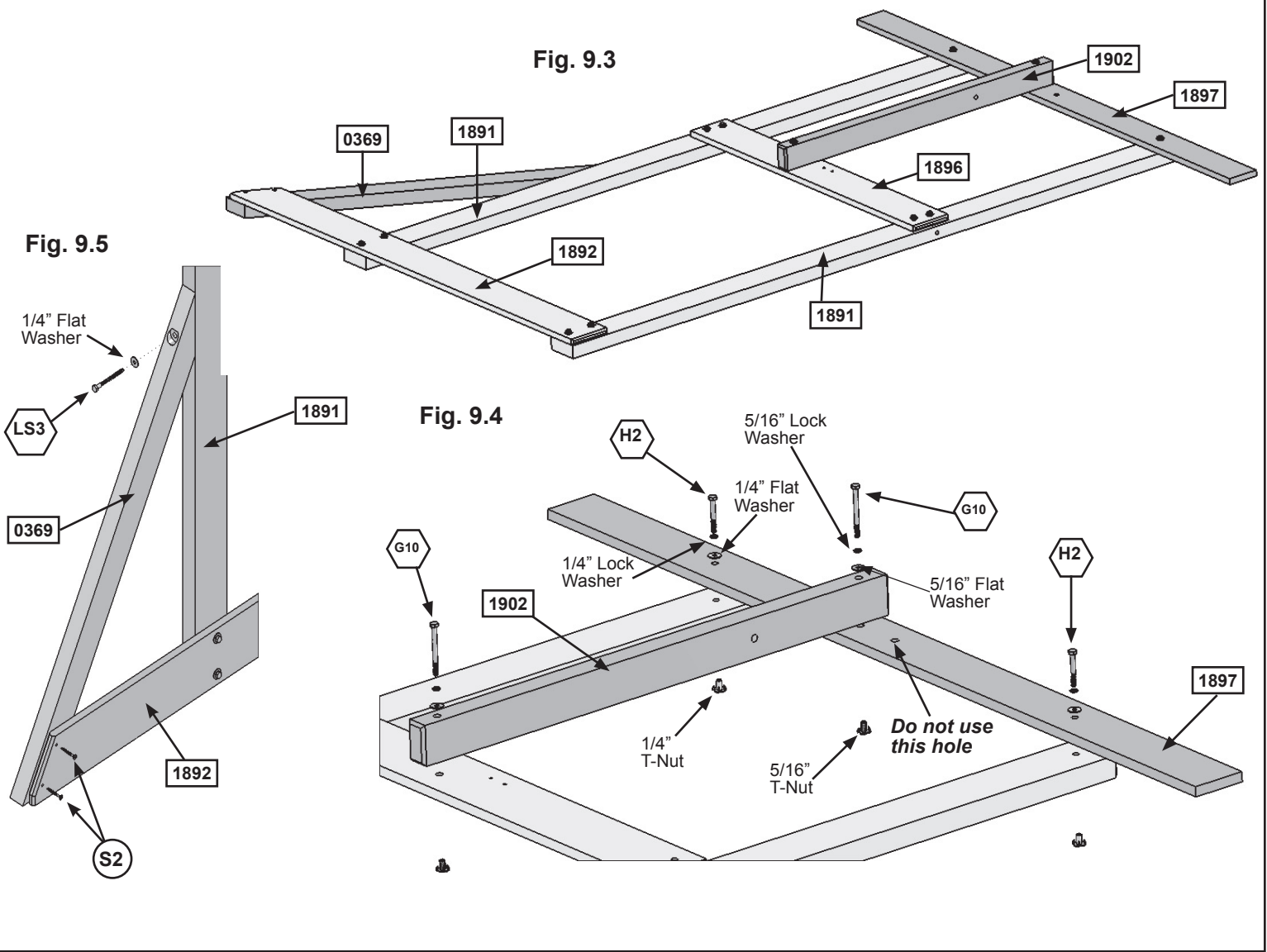
**C:** Place (1897) Roof Side on both (1891) Posts as shown in fig. 9.3.

**D:** Place (1902) MK Mount across (1896) MK Floor and (1897) Roof Side and attach using 2 (G10) 5/16 x 3" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 9.3 and 9.4.

**E:** Attach (1897) Roof Side to both (1891) Posts using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 9.4)

**F:** At the extended end of (1892) Ground Side, flush to the outside edge attach (0369) Lower Diagonal with 2 (S2) #8 x 1-1/2" Wood Screws. (fig. 9.5)

**G:** Make sure the assembly is square then attach (0369) Lower Diagonal to (1891) Post with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) and tighten all bolts from this step. (fig. 9.5)



### Wood Parts

- 1 x **1902** MK Mount 2 x 3 x 34"
- 1 x **1897** Roof Side 1 x 4 x 58-1/2"
- 1x **0369** Lower Diagonal 2 x 3 x 37"

### Hardware

- 2 x **G10** 5/16 x 3" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 2 x **H2** 1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 1 x **LS3** 1/4 x 3" Lag Screw (1/4" flat washer)
- 2 x **S2** #8 x 1-1/2" Wood Screw



# Step 10: Swing Wall Assembly Part 1



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

**Note:** Keep all bolts loose in this step.

**A:** On the ground lay flat 2 (1891) Posts then attach (1893) SW Ground with 4 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut); and (1895) Floor End using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) in the bottom holes as shown in fig. 10.1.

**B:** On the side indicated in fig. 10.1, attach (0369) Lower Diagonal to (1893) SW Ground with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut).

**C:** Make sure assembly is square and then fasten (1895) Floor End to (1891) Posts in the top holes using 2 (LS1) 1/4 x 1-1/2" Lag Screws (with flat washer); and (0369) Lower Diagonal to (1891) Post with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer). (fig. 10.2 and 10.3)

Fig. 10.1

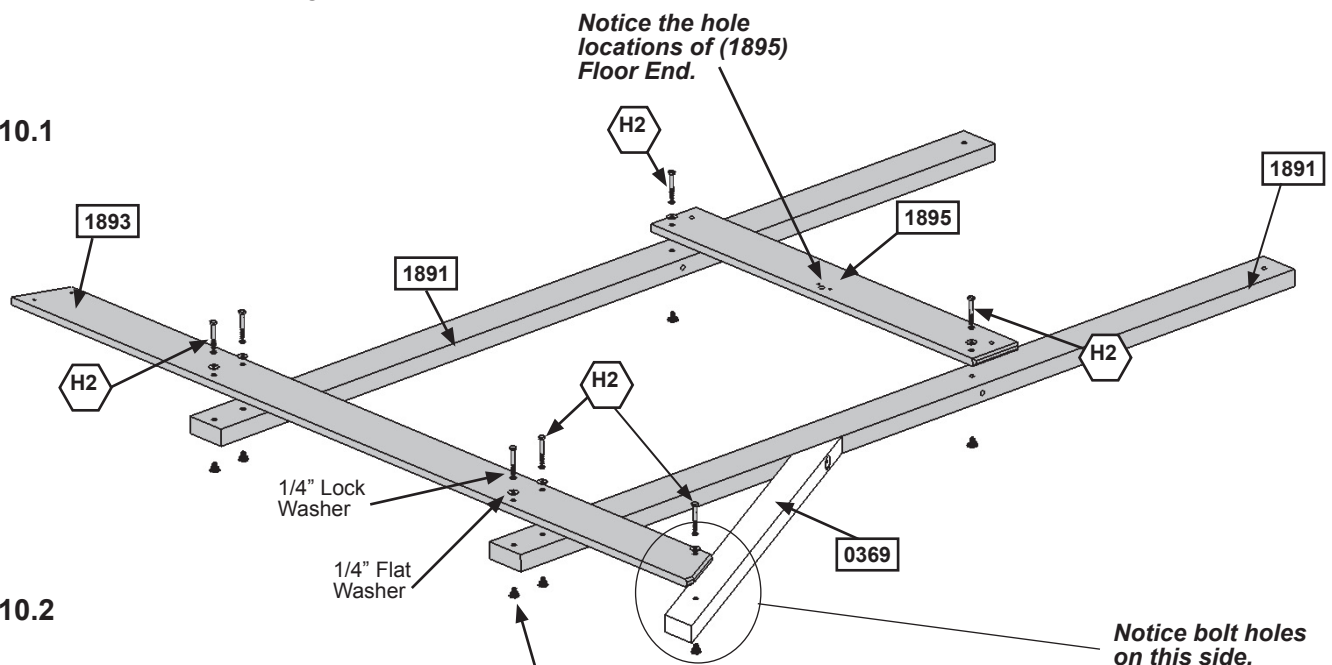


Fig. 10.2

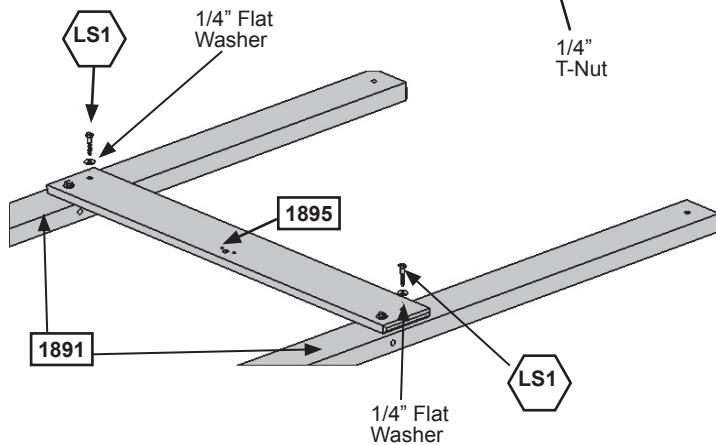
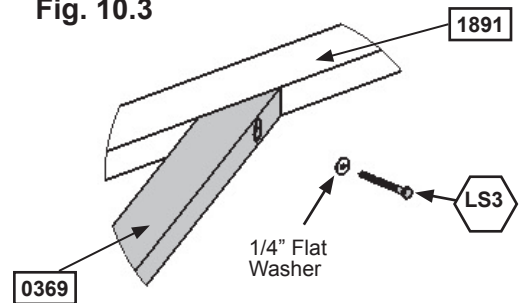


Fig. 10.3



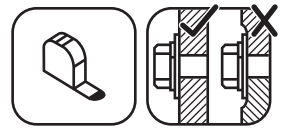
### Wood Parts

- 1 x 1895 Floor End 1 x 5 x 35-1/4"
- 1 x 1893 SW Ground 1 x 5 x 73-3/8"
- 2 x 1891 Post 2 x 4 x 77-1/2"
- 1 x 0369 Lower Diagonal 2 x 3 x 37"

### Hardware

- 7 x H2 1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x LS1 1/4 x 1-1/2" Lag Screw (1/4" flat washer)
- 1 x LS3 1/4 x 3" Lag Screw (1/4" flat washer)

# Step 10: Swing Wall Assembly Part 2



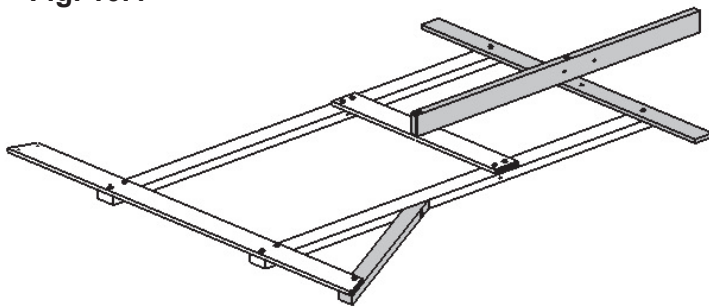
**C:** Place (1897) Roof Side on both (1891) Posts as shown in fig.10.4.

**D:** Place (1898) SW Mount across (1895) Floor End and (1897) Roof Side, make sure to use the hole in the Roof Side that measures 16-1/4" from the hole in the back side (1891) Post. Attach using 2 (G4) 5/16 x 4" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 10.4 and 10.5.

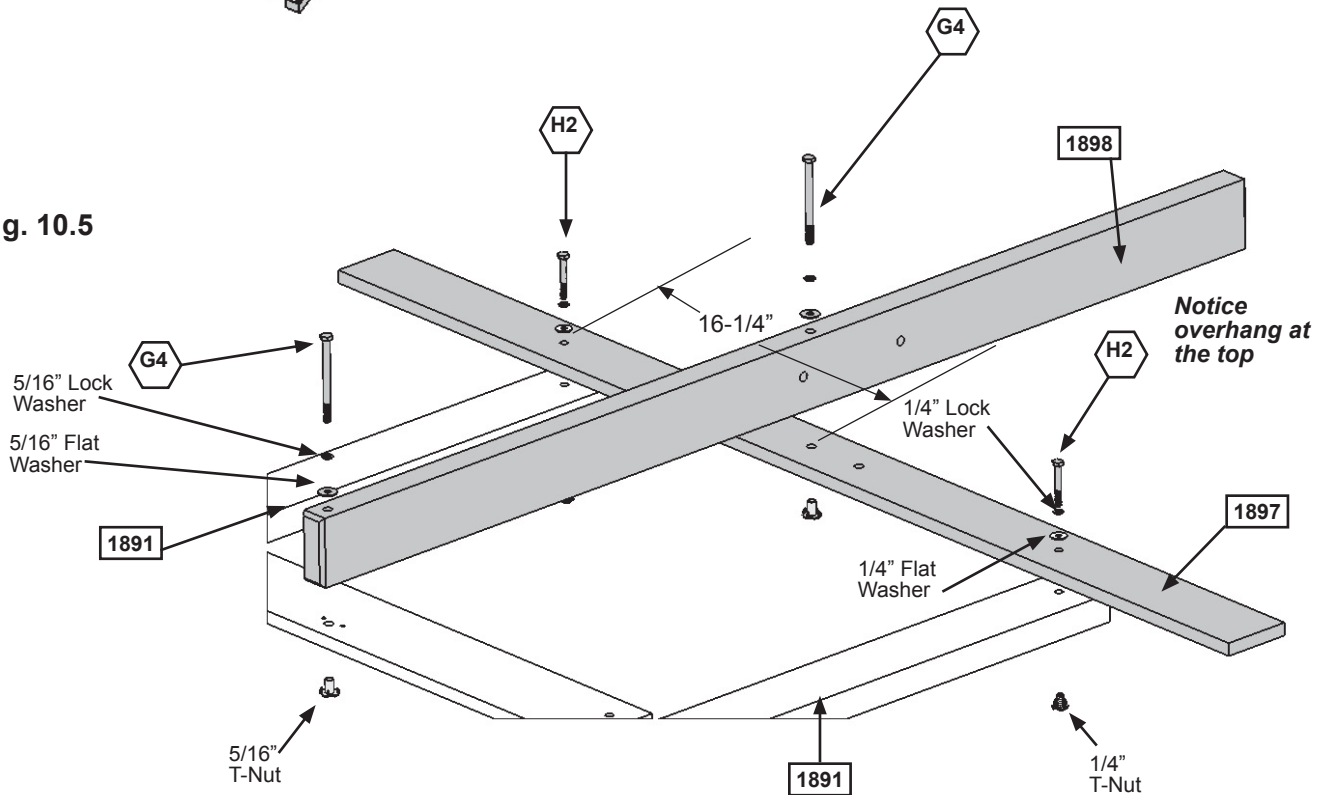
**E:** Attach (1897) Roof Side to both (1891) Posts using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 10.5)

**F:** Tighten all bolts from this step.

**Fig. 10.4**



**Fig. 10.5**



**Wood Parts**

- 1 x 1897 Roof Side 1 x 4 x 58-1/2"
- 1 x 1898 SW Mount 2 x 4 x 56"

**Hardware**

- 2 x G4 5/16 x 4" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 2 x H2 1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

# Step 11: Front Frame Assembly Part 1



**A:** On the Front side of the assembly, from the inside, attach (1908) Front Floor to each (1891) Post with 2 (H6) 1/4 x 4-3/4" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 11.1 and 11.2)

**B:** Attach (1905) Ground Front to bottom of (0369) both Lower Diagonals with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 11.3)

Fig. 11.2

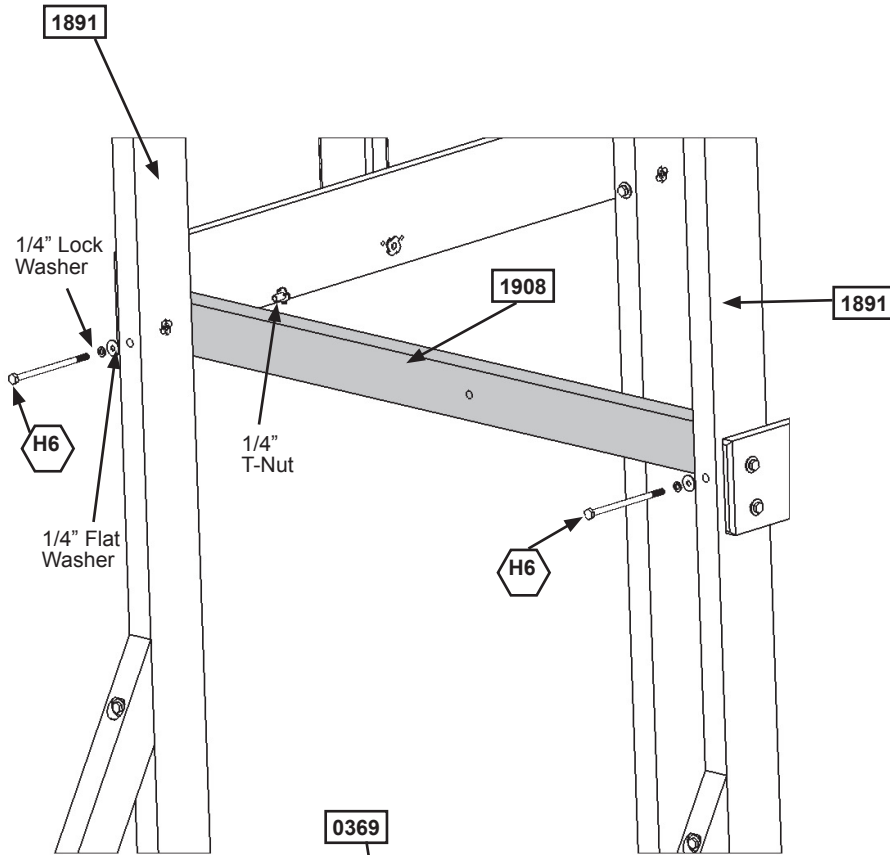


Fig. 11.1

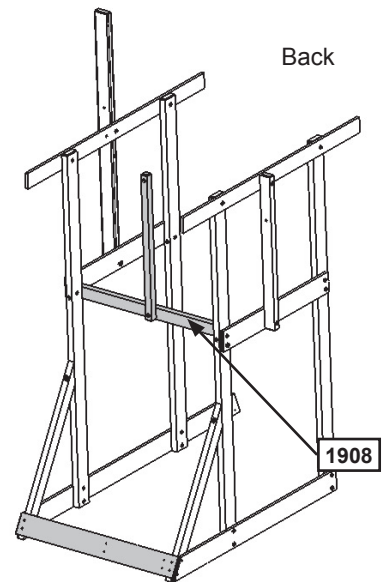
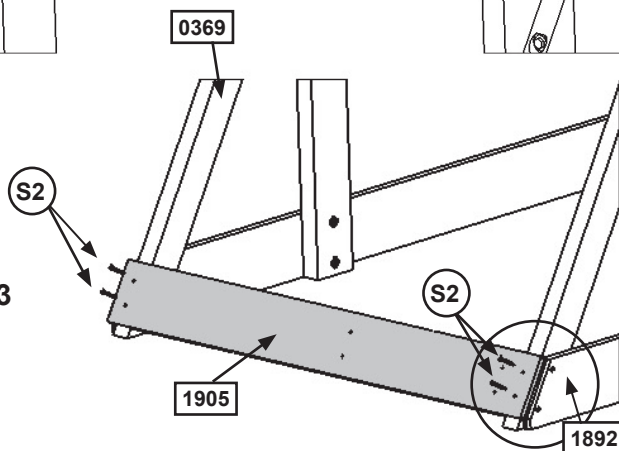


Fig. 11.3



### Wood Parts

- 1 x 1908 Front Floor 2 x 3 x 38-1/2"
- 1 x 1905 Ground Front 1 x 5 x 39-3/4"

### Hardware

- 2 x H6 1/4 x 4-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 4 x S2 #8 x 1-1/2" Wood Screw

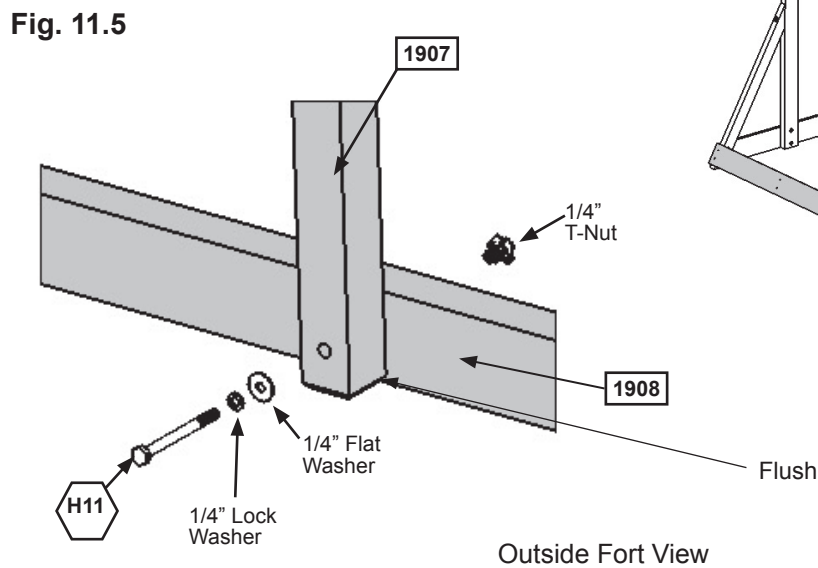
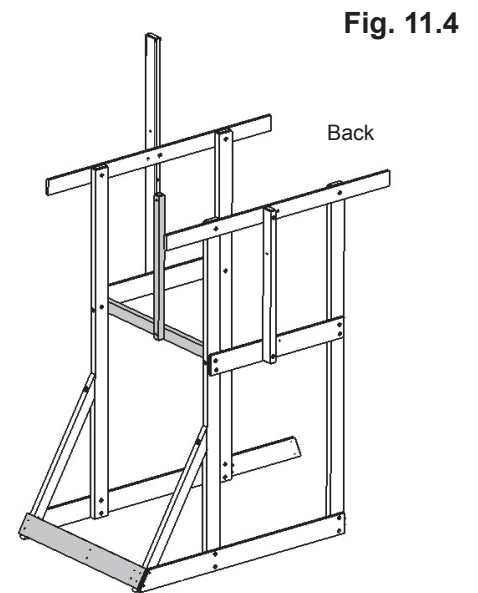
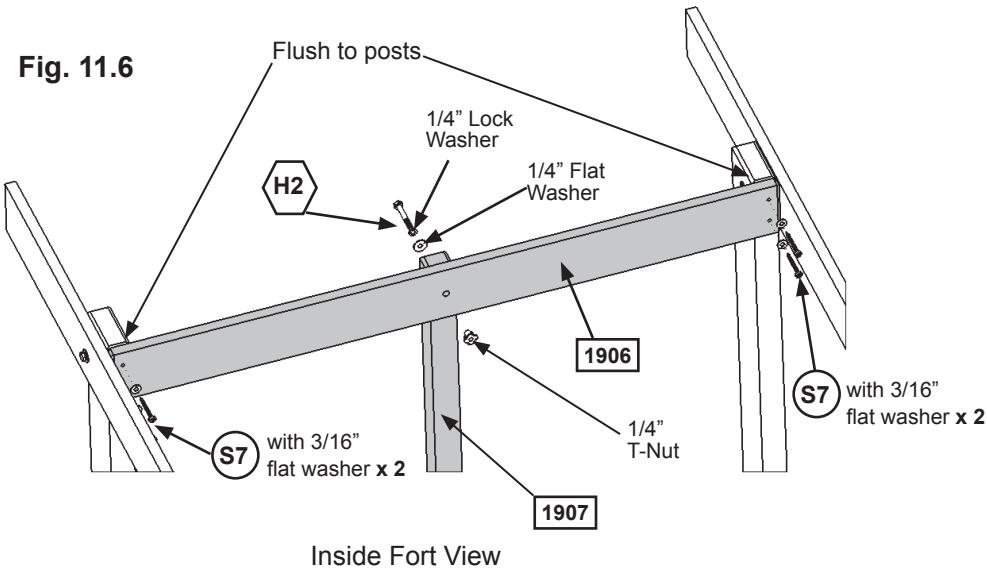
# Step 11: Front Frame Assembly Part 2



**C:** Flush to the bottom of (1908) Front Floor attach (1907) Front Divide with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 11.4 and 11.5)

**D:** To the inside of (1906) Top Front Back attach (1907) Front Divide with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut). The bolt is installed from the inside of the assembly. (fig. 11.6)

**E:** Flush to the tops of (1891) Posts attach (1906) Top Front Back with 4 (S7) #12 x 2" Pan Screws (with 3/16" flat washer). (fig. 11.6)



### Wood Parts

- 1x **1906** Top Front Back 1 x 4 x 38-1/2"
- 1x **1907** Front Divide 2 x 2 x 32-3/16"

### Hardware

- 1 x **H11** 1/4 x 2-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 4 x **S7** #12 x 2" Pan Screw (with 3/16" flat washer)
- 1 x **H2** 1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

# Step 11: Front Frame Assembly Part 3

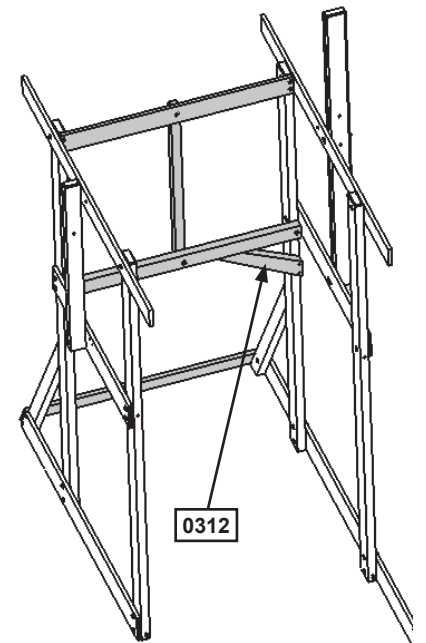
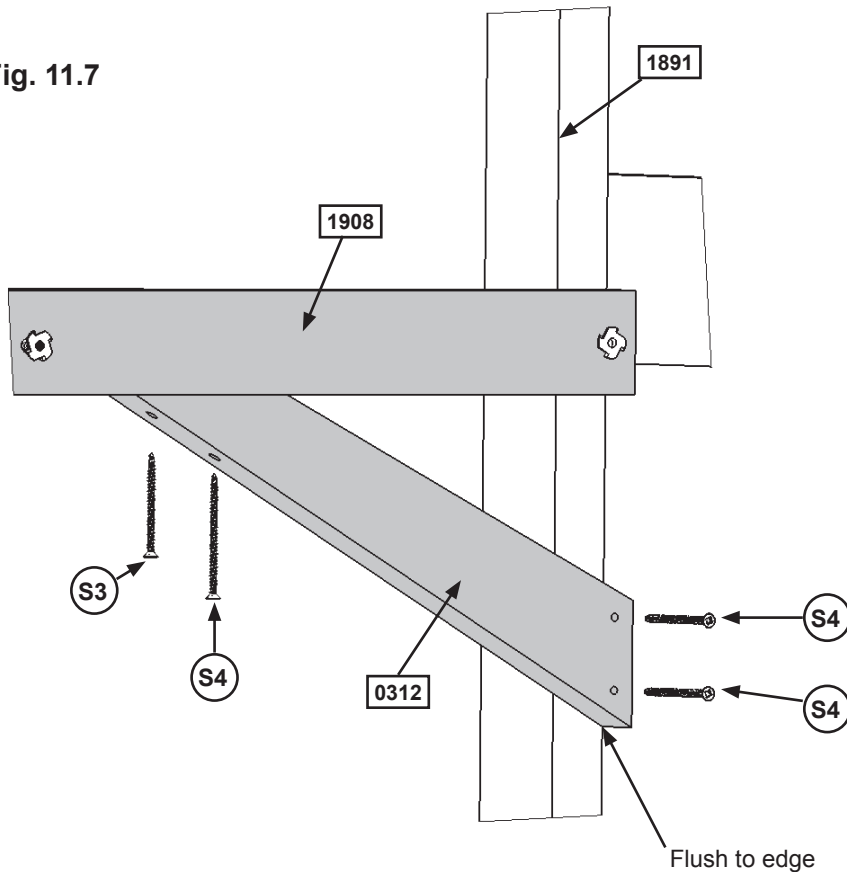


**F:** Make sure the assembly is square before proceeding.

**G:** From the inside of the assembly, attach (0312) Gusset flush to the outside edge of (1891) Post on the Swing Wall using 2 (S4) #8 x 3" Wood Screws. The other end of the gusset should be tight against (1908) Front Floor. (fig. 11.7)

**H:** Attach the other end of (0312) Gusset to (1908) Front Floor with 1 (S3) #8 x 2-1/2" Wood Screw and 1 (S4) #8 x 3" Wood Screw as shown in fig. 11.7.

Fig. 11.7



## Wood Parts

1x **0312** Gusset 2 x 3 x 16"

## Hardware

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

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

# Step 12: Back Wall Assembly Part 1



**A:** Attach (1894) Back Floor to (1761) Side Joist using 2 (H3) 1/4 x 2-1/2" Hex Bolts (with lock washer, flat washer and t-nut) and 2 (S7) #12 x 2" Pan Screws as shown in fig. 12.1.

**B:** On the back side of the assembly, attach (1894) Back Floor to both (1891) Posts, with (1761) Side Joist on the inside of the assembly, using 2 (H5) 1/4 x 4-1/2" Hex Bolts (with lock washer, flat washer and t-nut). (fig. 12.2 and 12.3) **Note that the bolt on the Monkey Bar Wall is installed from the outside of the assembly and the bolt on the Swing Wall is installed from the inside.**

**C:** Attach (1904) Back Divide to (1894) Back Floor with 1 (H1) 1/4 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 12.2 and 12.3).

Fig. 12.1

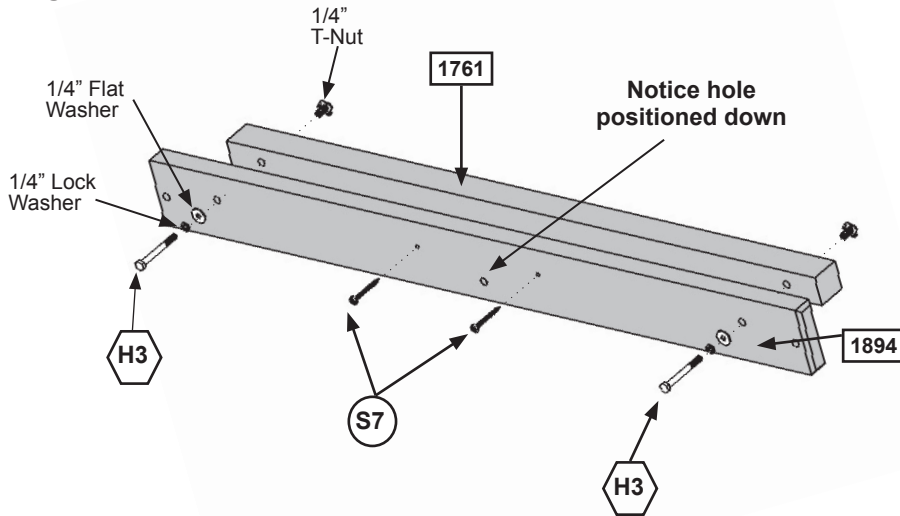


Fig. 12.2

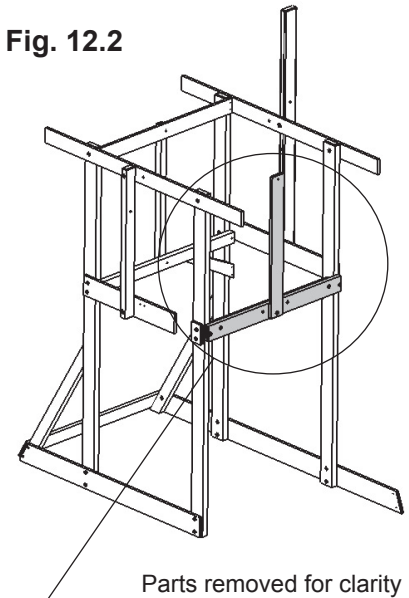
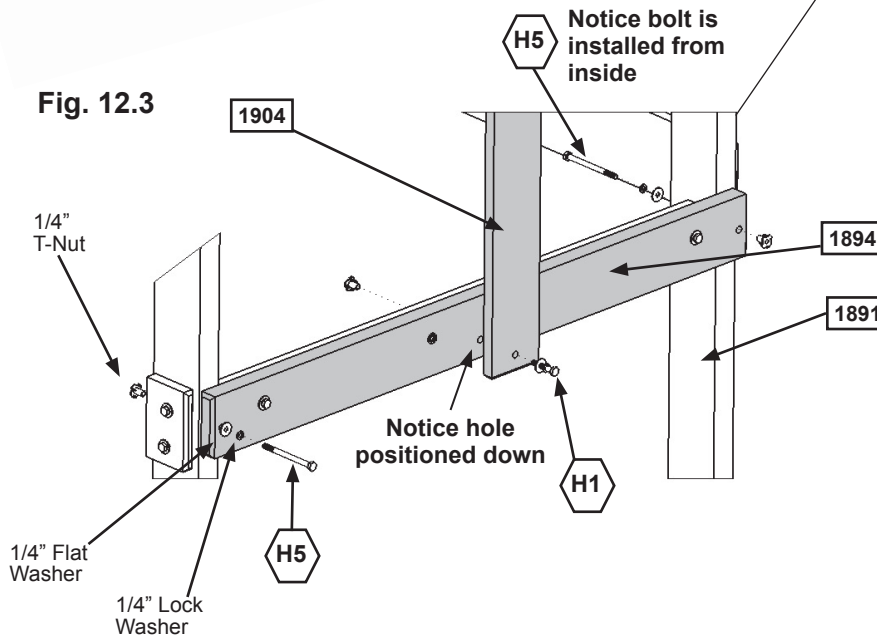


Fig. 12.3



### Wood Parts

- 1 x 1761 Side Joist 2 x 2 x 34-3/4"
- 1 x 1894 Back Floor 5/4 x 4 x 38-1/2"
- 1 x 1904 Back Divide 1 x 4 x 32-5/16"

### Hardware

- 1 x H1 1/4 x 1-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x H5 1/4 x 4-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x H3 1/4 x 2-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 2 x S7 #12 x 2" Pan Screw

# Step 12: Back Wall Assembly Part 2



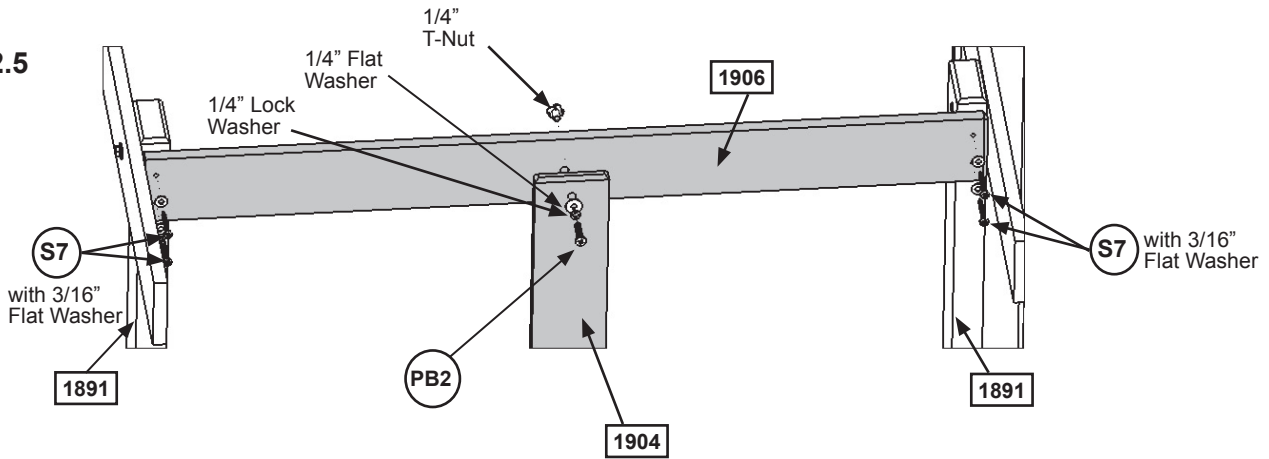
**Note:** Pre-drill all holes using a 1/8" drill bit before installing the lag screws.

**D:** Attach (1904) Back Divide to (1906) Top Front Back using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and t-nut). (fig. 12.4 and 12.5)

**E:** Make sure (1906) Top Front Back is level and then attach to both (1891) Posts using 4 (S7) #12 x 2" Pan Screws (with 3/16" flat washers). (fig. 12.5)

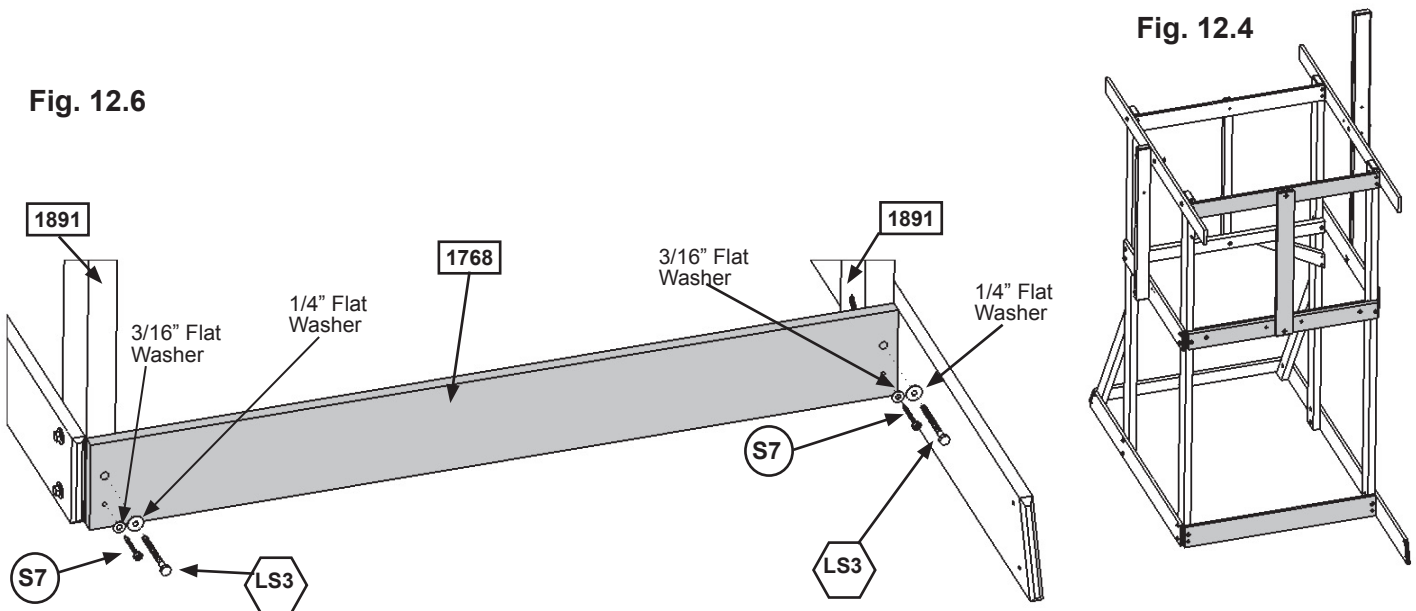
**F:** Attach (1768) Lower Back to the bottom of (1891) Posts with 2 (LS3) 1/4 x 3" Lag Screws (with flat washer) in the top (pre-drilled) holes and 2 (S7) #12 x 2" Pan Screws (with 3/16" flat washers) in the bottom holes as shown in fig. 12.4 and 12.6.

**Fig. 12.5**



**Fig. 12.4**

**Fig. 12.6**



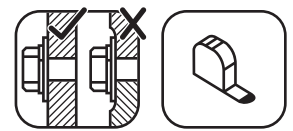
**Wood Parts**

- 1 x 1906 Top Front Back 1 x 4 x 38-1/2"
- 1 x 1768 Lower Back 1 x 5 x 38-1/2"

**Hardware**

- 1 x PB2 1/4 x 1-1/4" Pan Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 6 x S7 #12 x 2" Pan Screw (with 3/16" flat washer)
- 2 x LS3 1/4 x 3" Lag Screw (1/4" flat washer)

# Step 13: Floor Frame Assembly



**A:** Loosen top bolt and remove the bottom bolt in (1898) SW Mount. Do not discard this bolt you will re-install it after the (1903) Floor Joist is attached. (fig. 13.2)

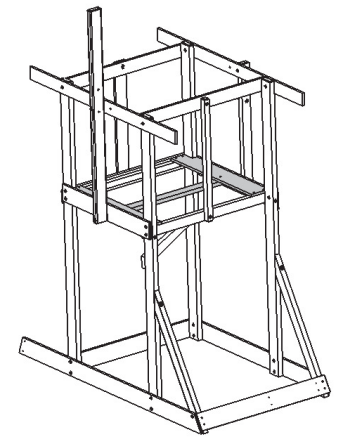
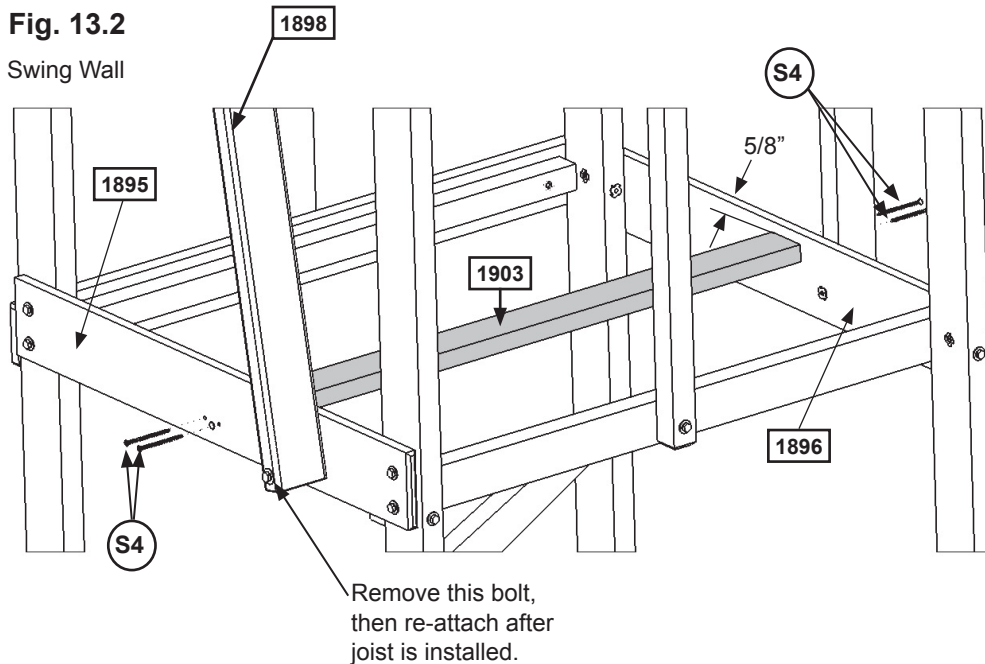
**B:** From inside of the assembly, measure 2-3/4" down from the top of (1895) Floor End (fig. 13.3) and 5/8" down from (1896) MK Floor (fig. 13.2) and then attach (1903) Floor Joist to each board using the top pilot holes with 2 (S4) #8 x 3" Wood Screws per end. (fig. 13.1 and 13.2)

**C:** Reinstall the bottom bolt in (1898) SW Mount and tighten both bolts. (fig. 13.2)

**D:** Install 1 (1890) CE Gap Board to each end of the assembly attaching to (1761) Side Joist, (1903) Floor Joist and (1908) Front Floor using 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 13.4)

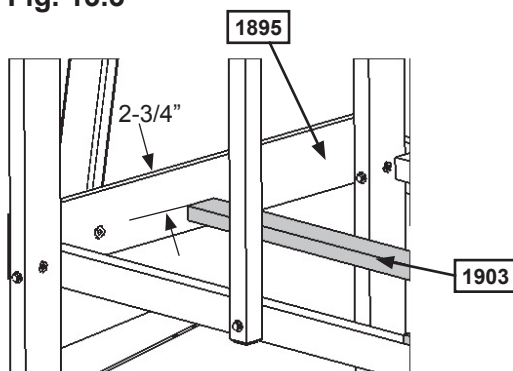
**Fig. 13.2**

Swing Wall

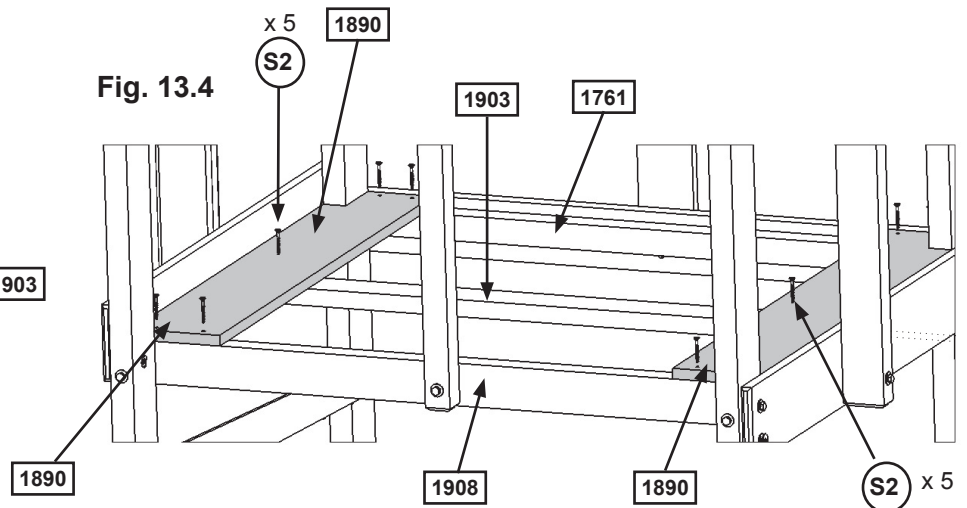


**Fig. 13.1**

**Fig. 13.3**



**Fig. 13.4**



**Wood Parts**

- 1 x 1903 Floor Joist 5/4 x 3 x 38-1/2"
- 2 x 1890 CE Gap Board 1 x 6 x 32-1/2"

**Hardware**

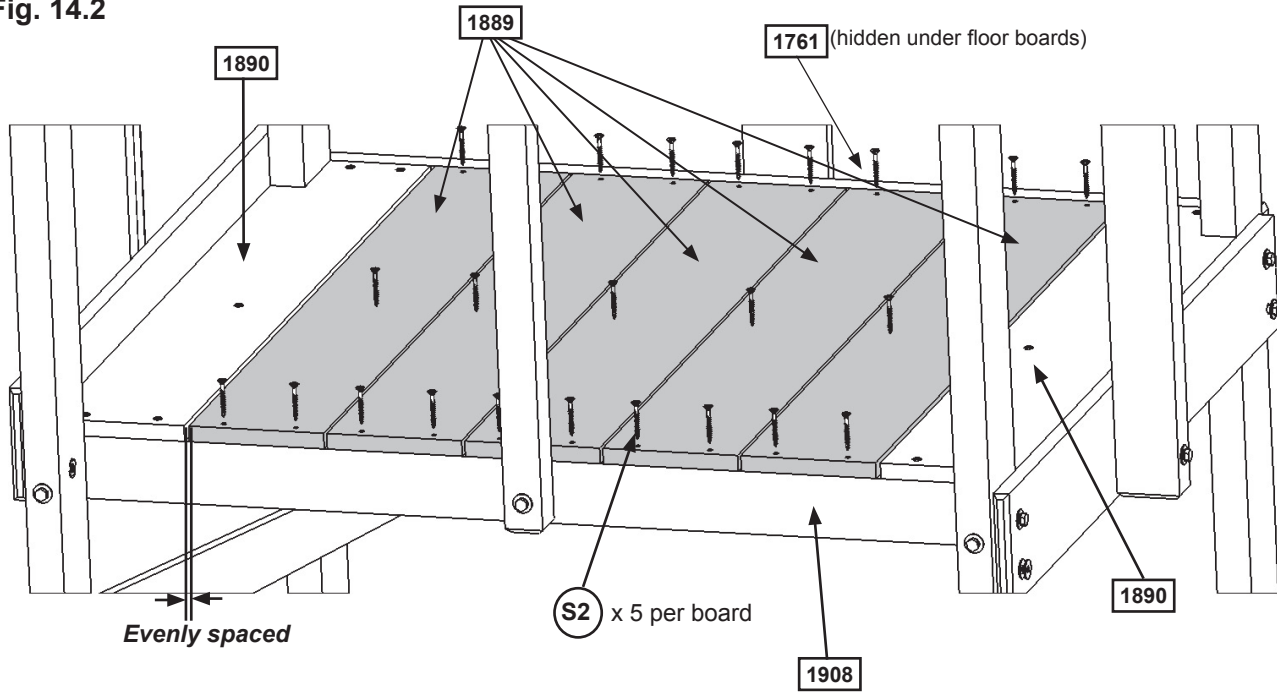
- 4 x S4 #8 x 3" Wood Screw
- 10 x S2 #8 x 1-1/2" Wood Screw



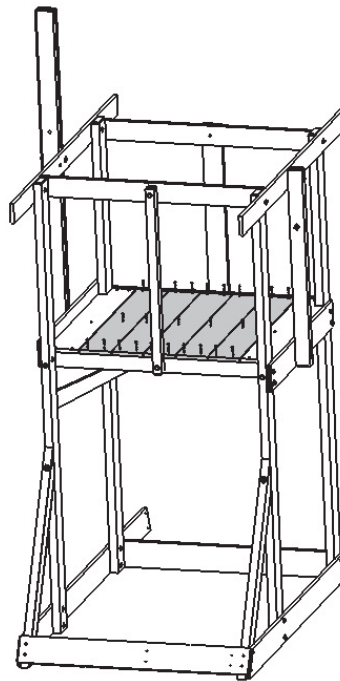
# Step 14: Attach Floor Boards

**A:** In between both (1890) CE Gap Boards place 5 (1889) Floor Boards making sure all boards are evenly spaced. Attach to (1761) Side Joist, (1903) Floor Joist and (1908) Front Floor using 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 14.1 and 14.2)

**Fig. 14.2**



**Fig. 14.1**



**Wood Parts**

5 x 1889 Floor Board 1 x 6 x 32-1/2"

**Hardware**

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

# Step 15: Chalk Wall/Tarp Assembly



**A:** On the back of the assembly, attach (0726) Panel Frame to (1891) Post using 2 (S2) #8 x 1-1/2" Wood Screws. The top of (0726) Panel Frame is tight to the bottom of (1906) Top Front Back. (fig. 15.1 and 15.2)

**B:** Loosen the top bolt in (1904) Back Divide and place the Chalk Wall Tarp in between (1904) and (1906) Top Front Back. (fig. 15.3)

**C:** Attach Chalk Wall Tarp to (1906) Top Front Back, (0726) Panel Frame, (1894) Back Floor and (1904) Back Divide using 12 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) as shown in fig. 15.3. The 3 screws on (1904) Back Divide are attached from the inside of the assembly. (fig. 15.4)

**D:** Tighten the top bolt in (1904) Back Divide.

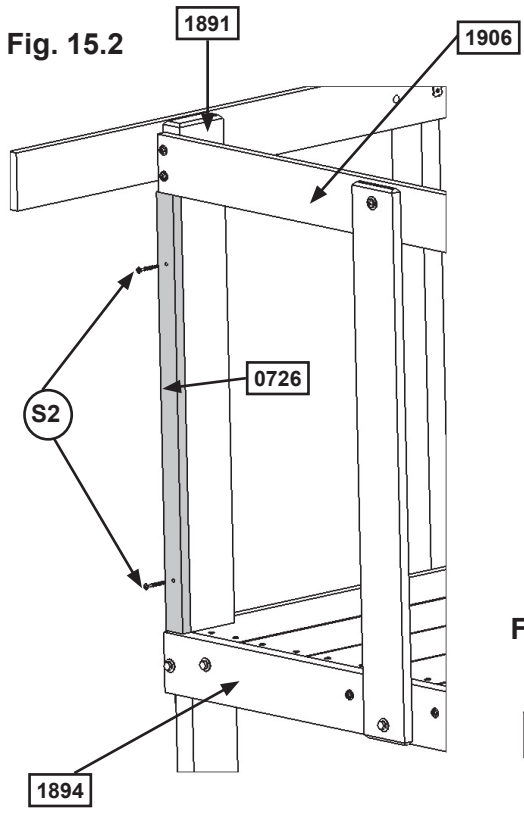
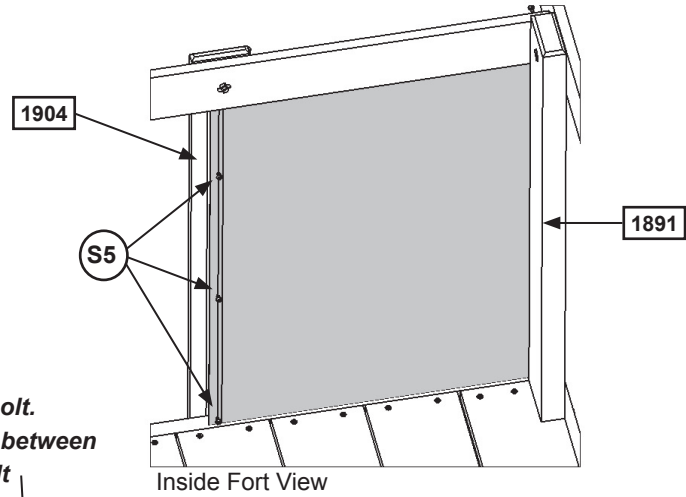


Fig. 15.2

Fig. 15.4



*Loosen this bolt.  
Place chalk wall in between  
Tighten Bolt*

Inside Front View

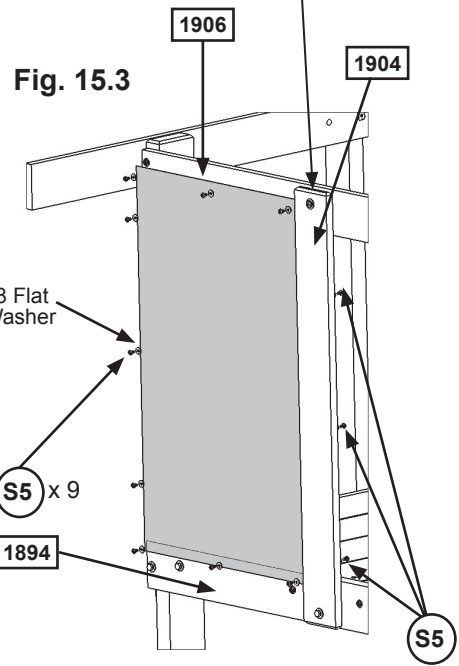
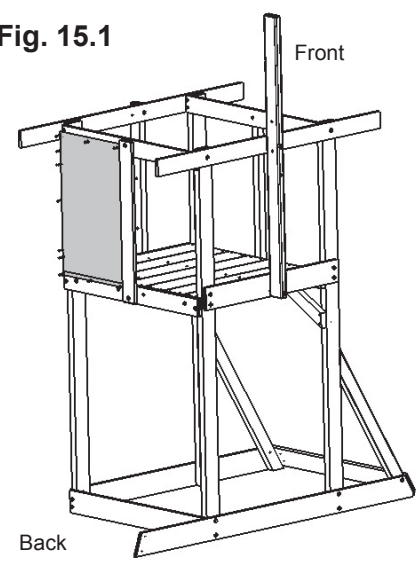


Fig. 15.3

Fig. 15.1



Front

Back

**Wood Parts**

1x (0726) Panel Frame 1 x 2 x 25-1/2"

**Hardware**

2 x (S2) #8 x 1-1/2" Wood Screw  
12 x (S5) #8 x 1/2" Pan Screw (With #8 flat washer)

**Other Parts**

1 x Chalk Wall Tarp

# Step 16: Attach Rock Wall to Fort Part 1

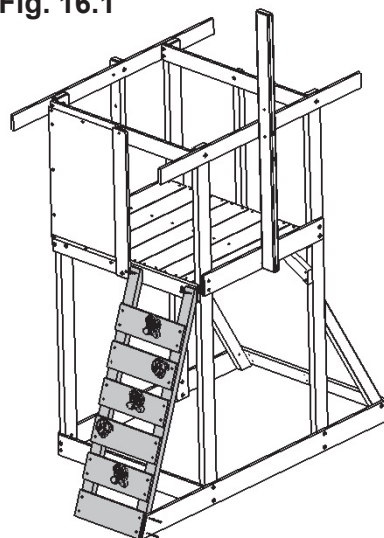


**Note: Pre-drill all holes using a 1/8" drill bit before installing the wood screws.**

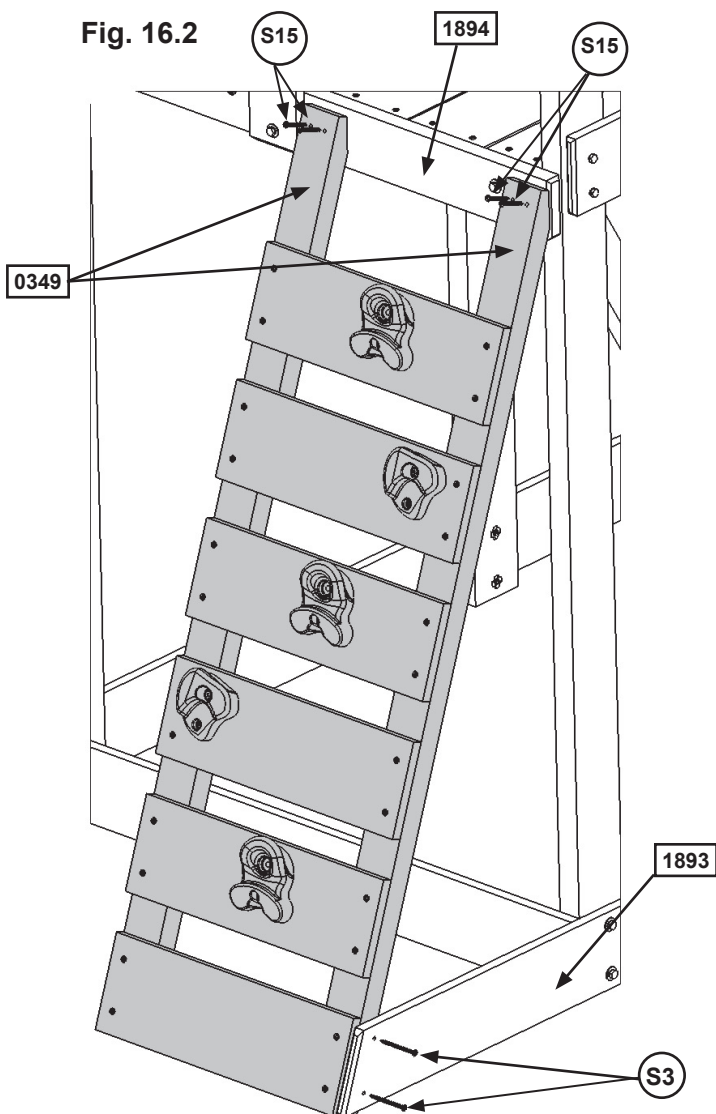
**A:** Place Rock Wall Assembly from Step 2, flush to edge and 1/2" down from top of (1894) Back Floor (fig. 16.1, 16.2 and 16.3). Attach (0349) Rock Rails to (1894) Back Floor using 4 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 16.2. Screws must be installed as indicated to prevent protrusions.

**B:** Attach (1893) SW Ground to (0349) Rock Rail using 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 16.2)

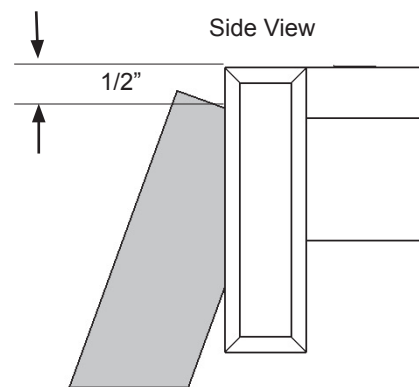
**Fig. 16.1**



**Fig. 16.2**



**Fig. 16.3**



Note: Some boards were removed for clarity

**Hardware**

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

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

# Step 16: Attach Rock Wall to Fort Part 2

C: Attach (1779) CE 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. 16.4 and 16.5)

Fig. 16.5

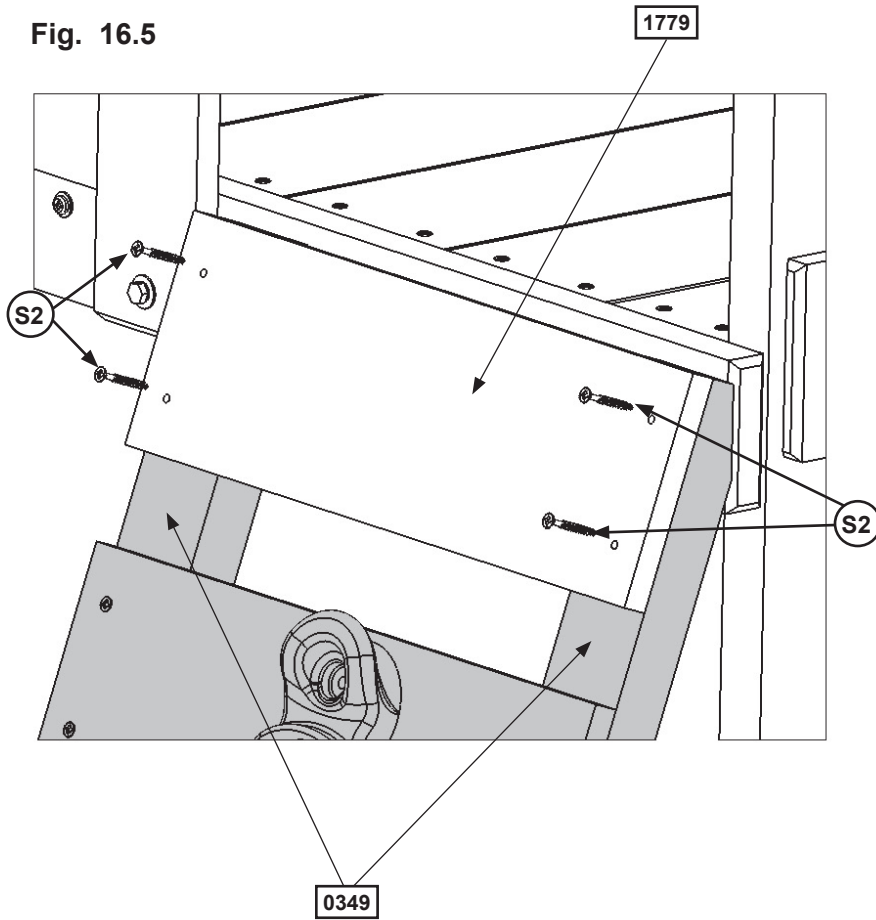
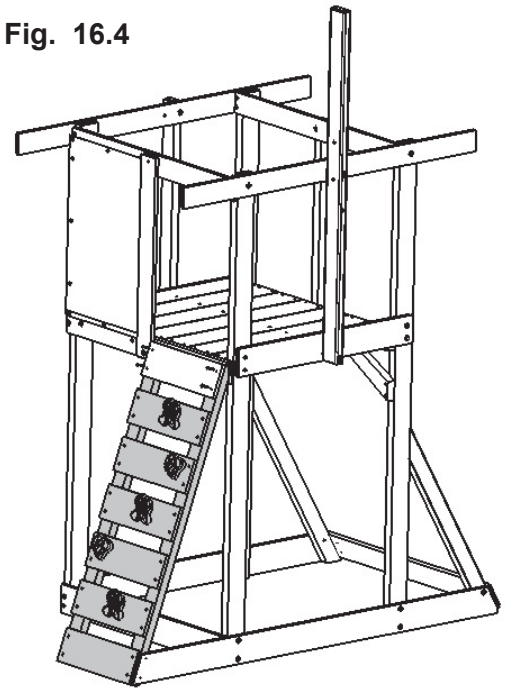


Fig. 16.4



## Wood Parts

1 x **1779** CE Access Board 1 x 6 x 17"

## Hardware

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

# Step 17: Attach Ground Stakes

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

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

**A:** Drive 2 (0318) Ground Stakes 10-1/2" into the ground at both ends of (1893) SW Ground at Rock Wall assembly and (0369) Lower Diagonal as shown in fig. 17.1. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake. The screws must catch both the (0349) Rock Rail and the (0369) Lower Diagonal. (fig. 17.1 and 17.2)

Fig. 17.2

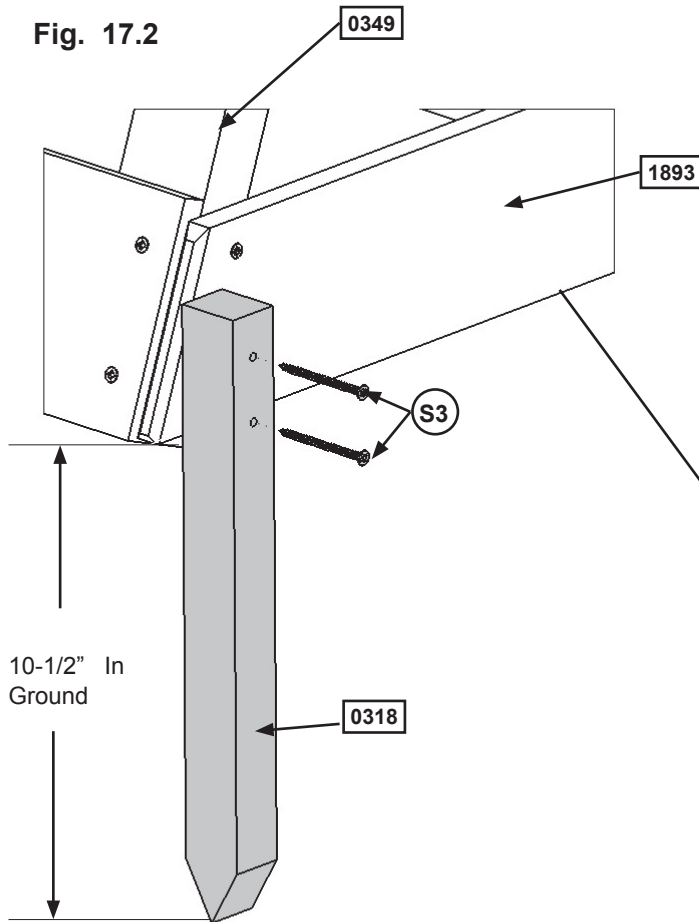
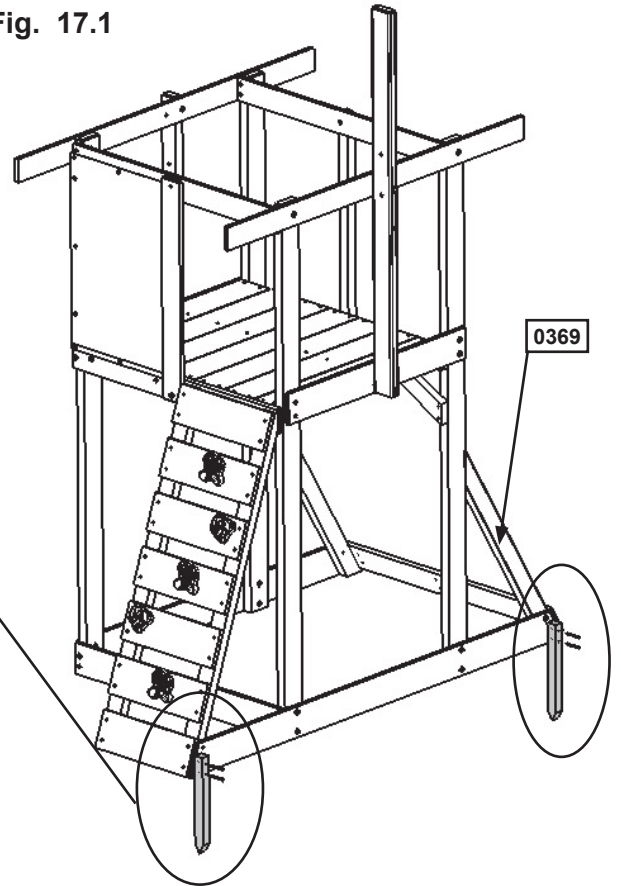


Fig. 17.1



## Wood Parts

2 x 0318 Ground Stakes 1-1/4 x 1-1/2 x 14"

## Hardware

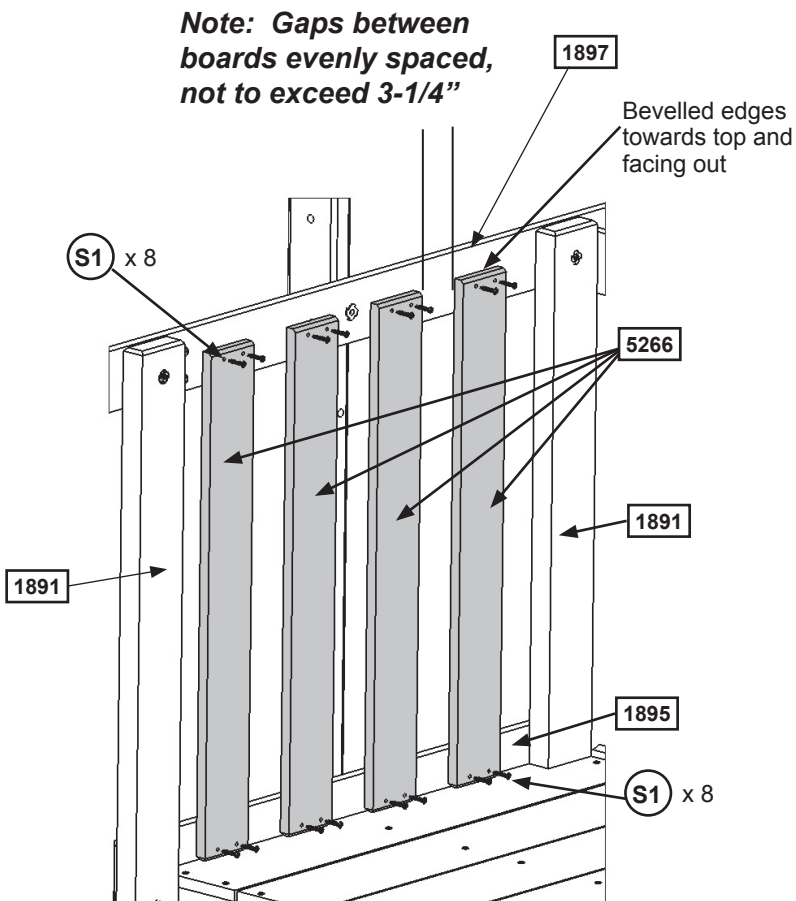
4 x S3 #8 x 2-1/2" Wood Screw

# Step 18: Swing Side Wall Assembly



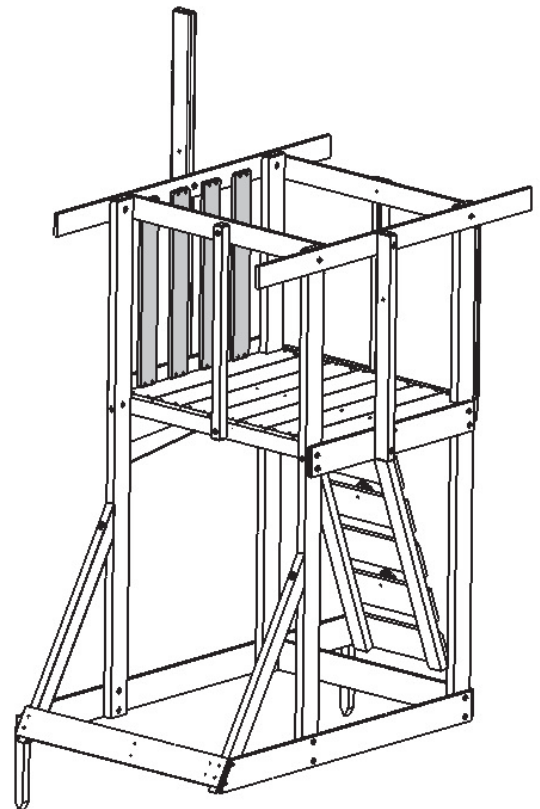
**A:** In between both (1891) Posts on Swing Wall side attach 4 (5266) Cedar Walls to (1897) Roof Side and (1895) Floor End using 4 (S1) #8 x 1-1/8" Wood Screws per board. Make sure the bottom of the boards are tight against the floor boards and bevelled edges are facing out and are at the top of the boards. (fig. 18.1 and 18.2)

Fig. 18.2



Note: Some boards were removed for clarity

Fig. 18.1



## Wood Parts

4 x 5266 Cedar Wall 1 x 4 x 28"

## Hardware

16 x (S1) #8 x 1-1/8" Wood Screw

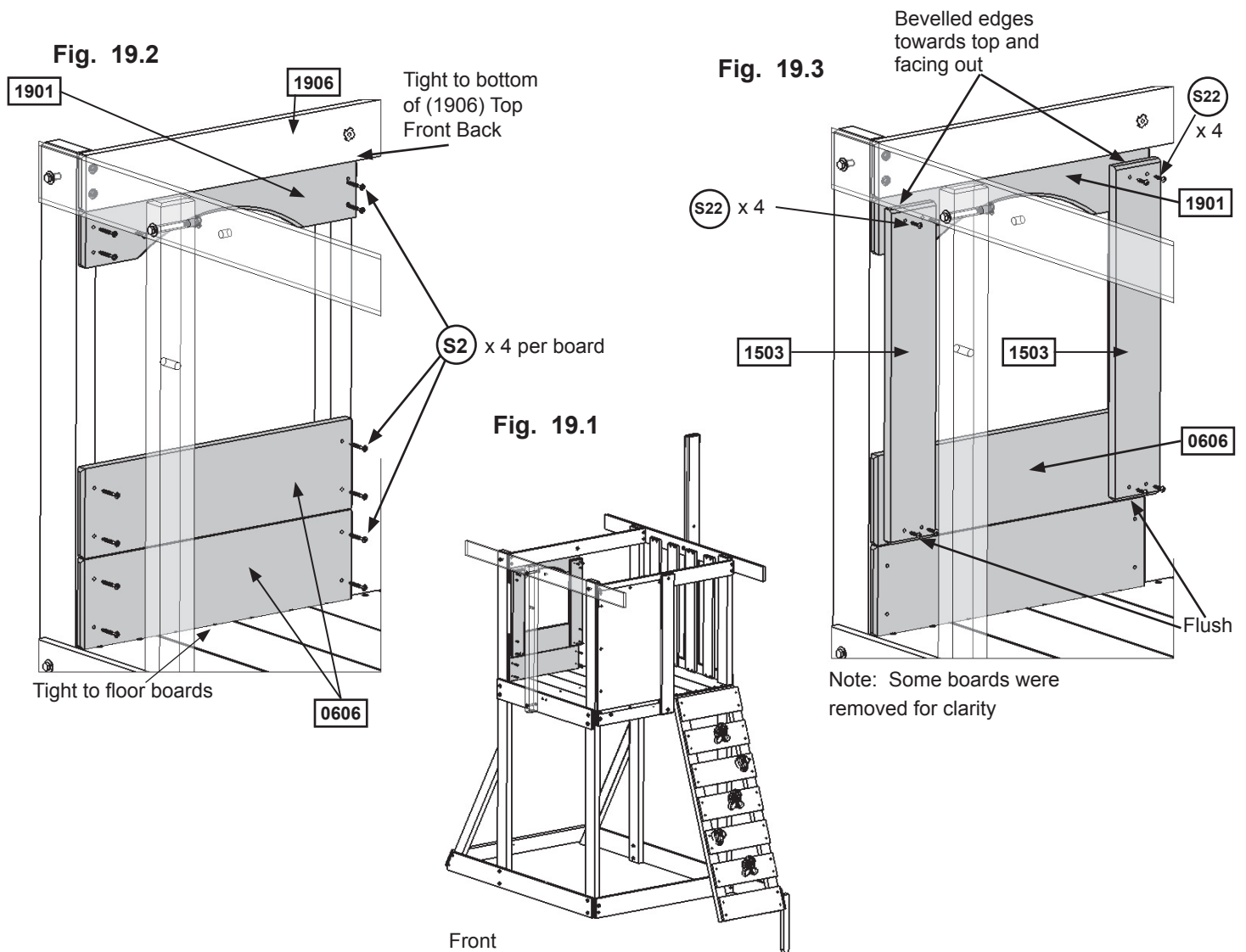
# Step 19: Window Wall Assembly

**A:** Tight to the bottom of (1906) Top Front Back attach (1901) Top Window to (1891) Post and (1907) Front Divide with 4 (S2) #8 x 1-1/2" Wood Screws. The arch should face down. (fig. 19.1 and 19..2)

**B:** Tight to the top of the floor boards attach (0606) CE Access Board to (1891) Post and (1907) Front Divide with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 19.2)

**C:** Place another (0606) CE Access Board tight on top of the first board and attach to (1891) Post and (1907) Front Divide with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 19.2)

**D:** Flush to the bottom and outside edges of the second (0606) CE Access Board attach two (1503) Wall Boards to (0606) CE Access Board and (1901) Top Window with 4 (S22) #8 x 7/8" Truss Screws per board as shown in fig. 19.3. Notice the bevelled edges are facing out and are at the top of the boards.



## Wood Parts

- 1 x 1901 Top Window 1 x 4 x 20"
- 2 x 1503 Wall Board 1/2 x 4 x 20"
- 2 x 0606 CE Access Board 1 x 6 x 19-3/4"

## Hardware

- 12 x S2 #8 x 1-1/2" Wood Screw
- 8 x S22 #8 x 7/8" Truss Screw

# Step 20: Roof Frame Assembly Part 1



**A:** Centred in between (1891) Post and (1902) MK Mount attach (1889) Floor Board flush to the top of (1897) Roof Side and to (1896) MK Floor with 4 (S1) #8 x 1-1/8" Wood Screws. (fig. 20.1 and 20.2)

**B:** Pre-drill pilot holes for the screws using a 1/8" drill bit and then attach one (1909) Tarp Front Back to each end of each (1897) Roof Side, making sure the pilot holes are centred on the end of (1897) Roof Side, with 4 (S2) #8 x 1-1/2" Wood Screws per (1909) Tarp Front Back. The tops of the Tarp Front Backs should be flush to the top of the Roof Sides. (fig. 20.1 and 20.3)

**C:** At all 4 corners attach 1 Corner Brace using 3 (S5) #8 x 1/2" Pan Screw per brace as shown in fig. 20.3 and 20.4.

Fig. 20.2

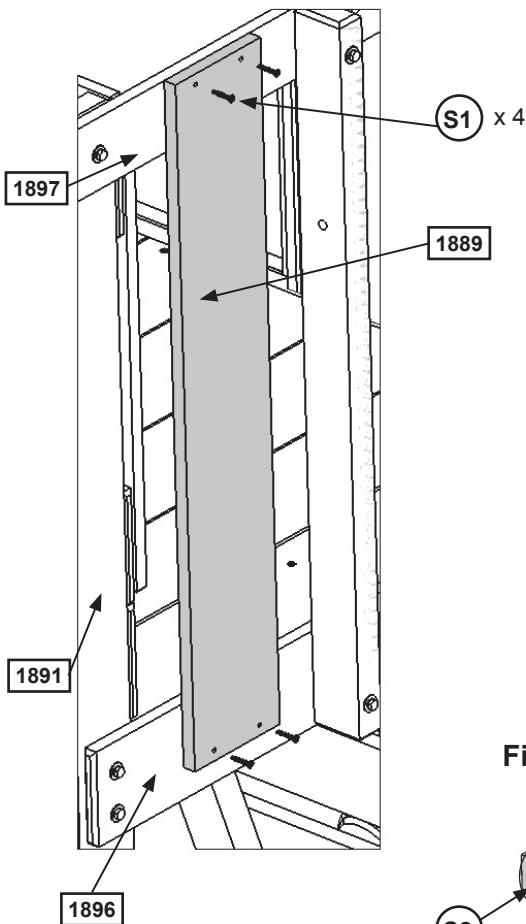


Fig. 20.1

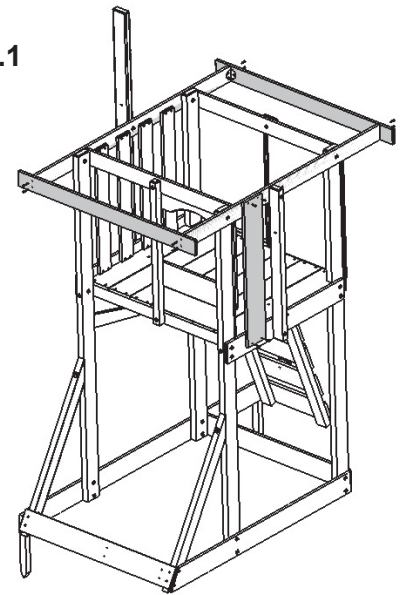


Fig. 20.4

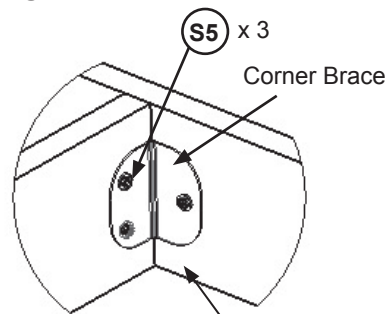
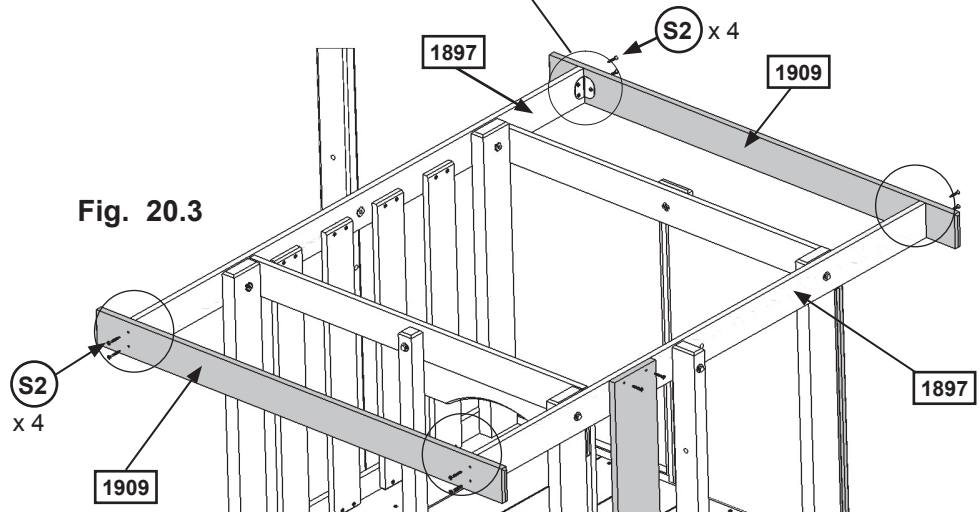


Fig. 20.3



### Wood Parts

- 2 x 1909 Tarp Front Back 1 x 4 x 46-3/4"
- 1 x 1889 Floor Board 1 x 6 x 32-1/2"

### Hardware

- 4 x (S1) #8 x 1-1/8" Wood Screw
- 8 x (S2) #8 x 1-1/2" Wood Screw
- 12 x (S5) #8 x 1/2" Pan Screw

### Hardware

- 4 x Corner Brace



# Step 20: Roof Frame Assembly Part 2



**D:** On the Monkey Bar Wall, attach (1899) Roof Support to the inside of (1897) Roof Side with 1 (H2) 1/4 x 2" Hex Bolt (with lock washer, flat washer and t-nut). (fig. 20.5)

**E:** Attach (1900) Ridge flush to the end of (1898) SW Mount with 2 (S4) #8 x 3" Wood Screws and to (1899) Roof Support with 1 (S4) #8 x 3" Wood Screw as shown in fig. 20.5.

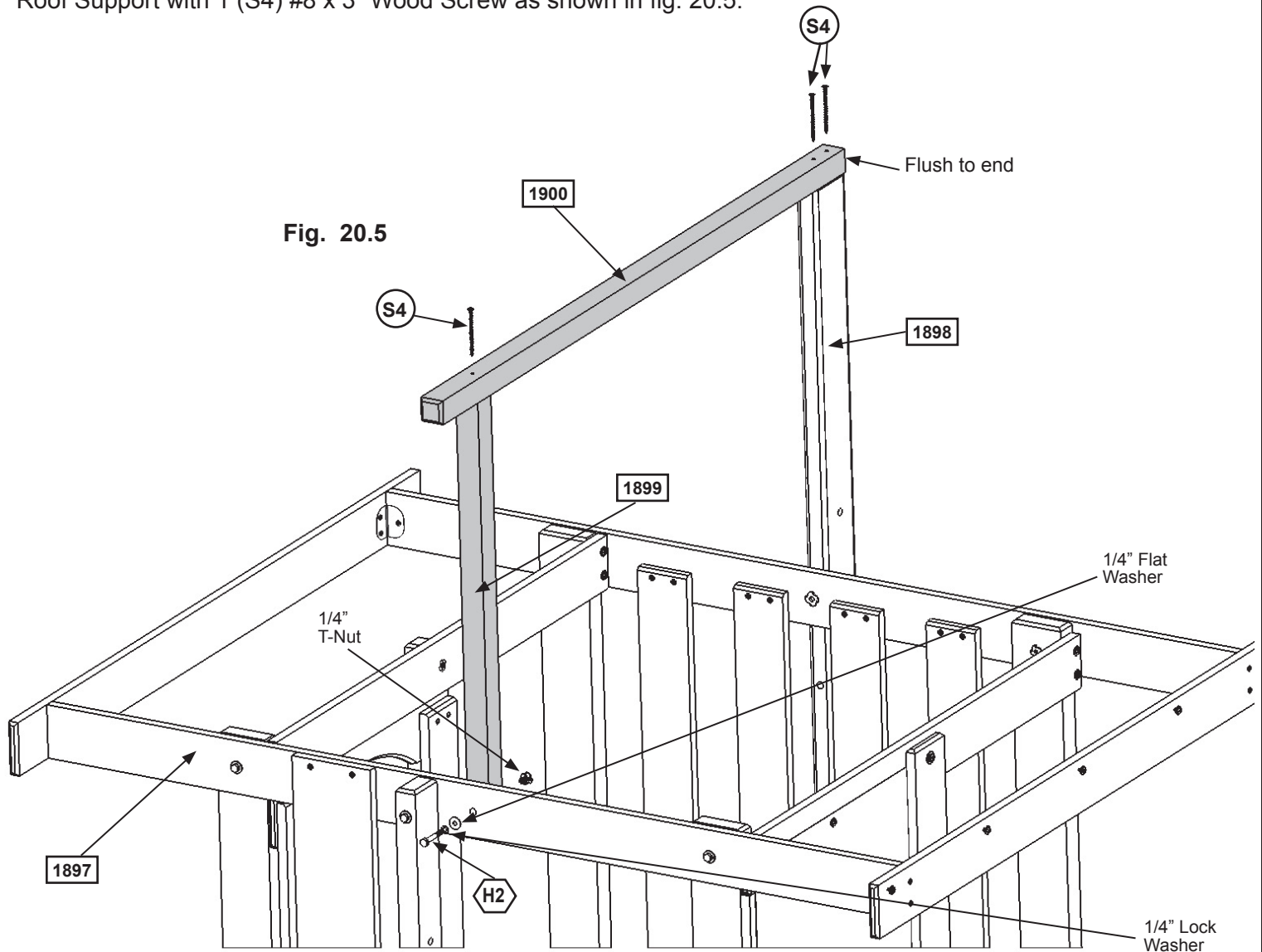


Fig. 20.5

### Wood Parts

- 1 x 1900 Ridge 2 x 2 x 46-3/4"
- 1 x 1899 Roof Support 2 x 2 x 27-1/2"

### Hardware

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

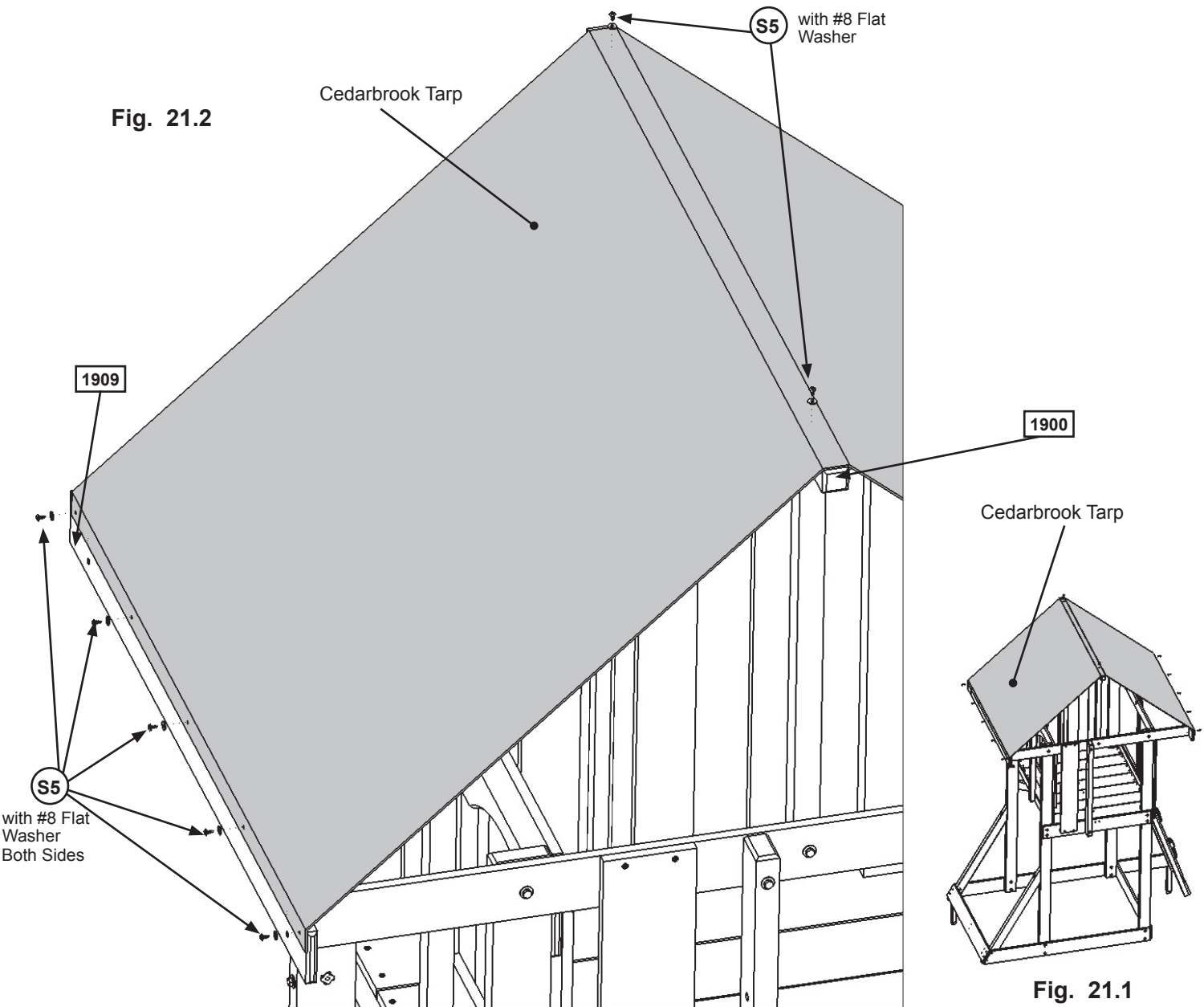
## Step 21: Attach Tarp to Roof Frame

**A:** Place Tarp over (1900) Ridge making sure bottom edges of tarp are even on both sides of assembly. (fig. 21.1 and 21.2)

**B:** Secure one side by attaching tarp to 1 (1909) Tarp Front Back using 5 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). (fig. 21.2)

**C:** Make sure the tarp is taut and then secure opposite end of tarp to (1909) Tarp Front Back using 5 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). (fig. 21.2)

**D:** Attach tarp to each end of (1900) Ridge with 2 (S5) #8 x 1/2" Pan Screws (with #8 flat washer). (fig. 21.2)



### Hardware

12 x  #8 x 1/2" Pan Screw (with #8 flat washer)

### Other Parts

1 x Cedarbrook Tarp

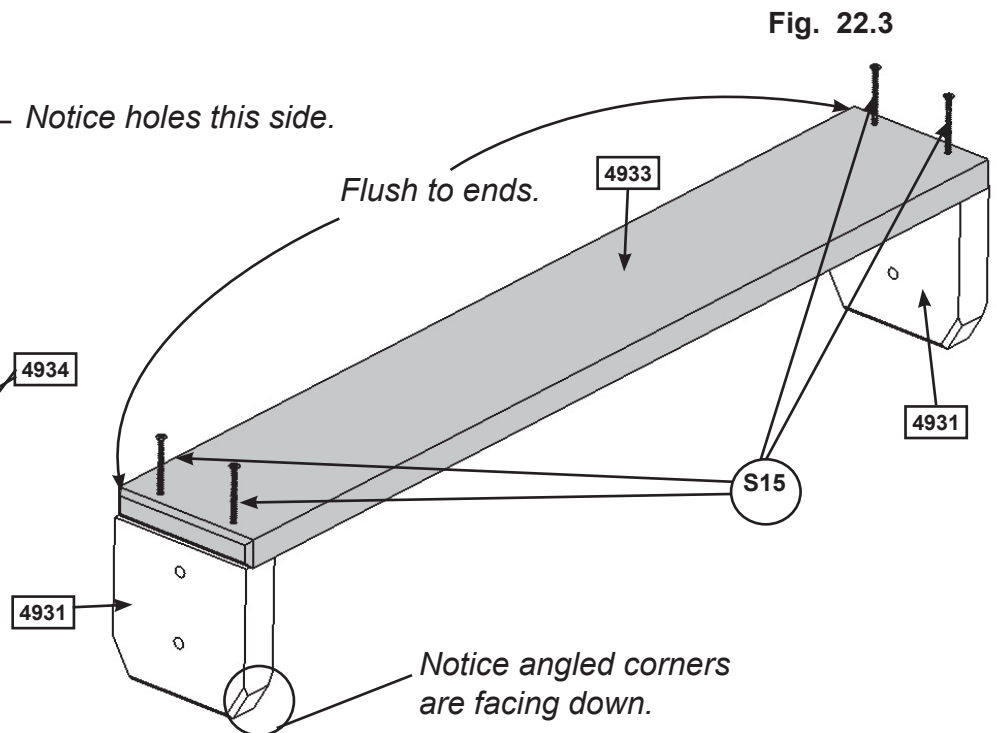
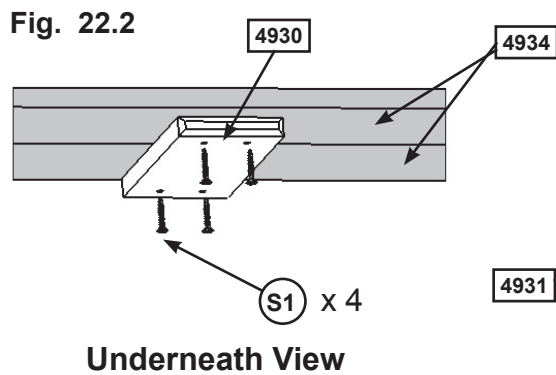
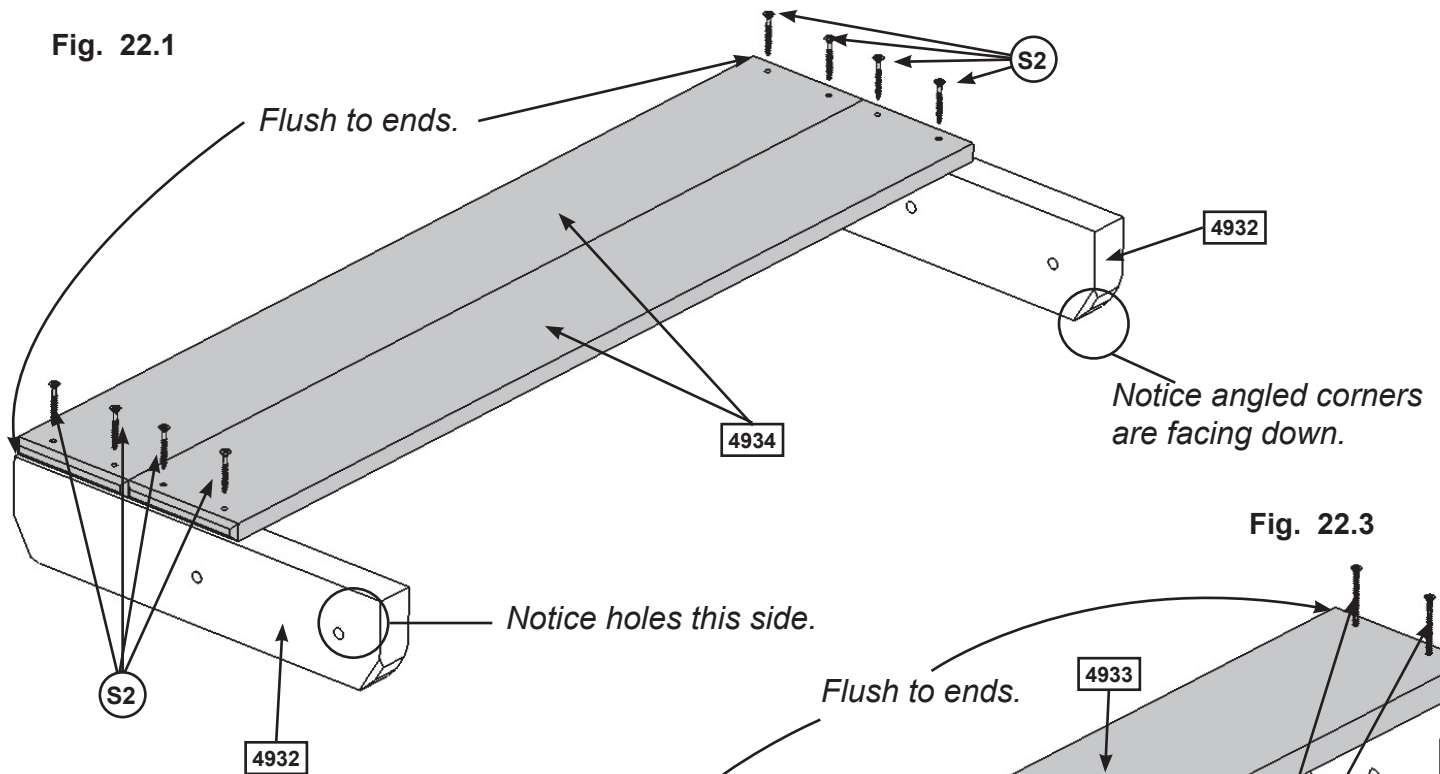
# Step 22: Table Top and Bench Assembly Part 1

**A:** Lay down 2 (4932) Table Supports with the angled corners facing down as shown in fig. 22.1.

**B:** Place 2 (4934) Table Tops flush to the outside edges of each (4932) Table Support. Notice the bolt holes are on the opposite end. Attach (4934) Table Tops to (4932) Table Supports with 4 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 22.1)

**C:** From underneath the assembly, centred between (4932) Table Supports, attach (4930) Sleeper to each (4934) with 4 (S1) #8 x 1-1/8" Wood Screws. (fig. 22.1 and 22.2). This creates the Table Top Assembly.

**D:** Attach (4933) Table Seat, flush to the outside edges of 2 (4931) Seat Supports with 4 (S15) #8 x 1-3/4" Wood Screws. Notice the angled corners are facing down. (fig. 22.3) This creates the Bench Assembly.



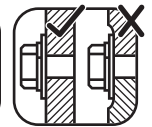
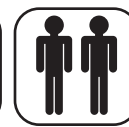
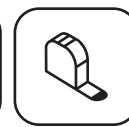
## Wood Parts

2 x	4931	Seat Support 2 x 6 x 5-1/2"
2 x	4932	Table Support 2 x 4 x 15"
2 x	4934	Table Top 1 x 5 x 35-7/8"
1 x	4933	Table Seat 5/4 x 6 x 35-7/8"
1 x	4930	Sleeper 1 x 4 x 8"

## Hardware

4 x	S1	#8 x 1-1/8" Wood Screw
8 x	S2	#8 x 1-1/2" Wood Screw
4 x	S15	#8 x 1-3/4" Wood Screw

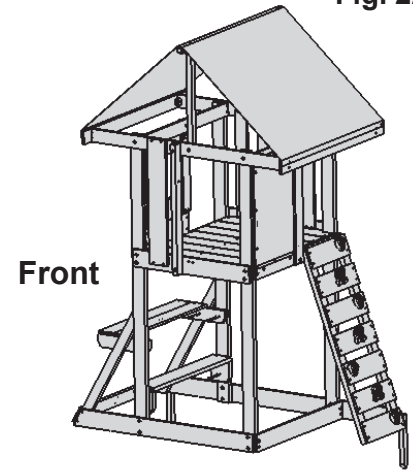
# Step 22: Table Top and Bench Assembly Part 2



**Pre-drill with a 3/16" drill bit before installing lag screws.**

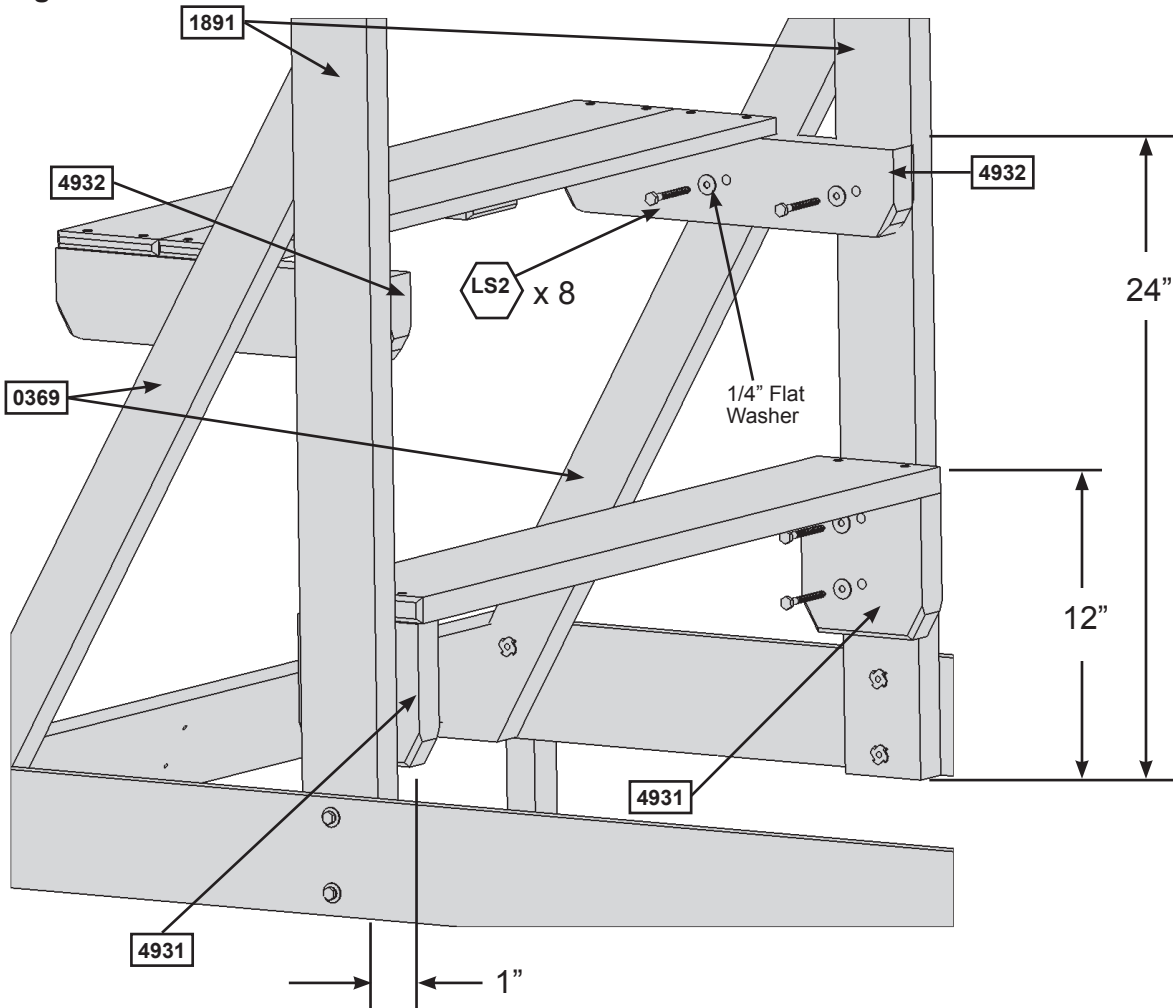
**Fig. 22.4**

**E:** Measure 12" up from the bottom of each (1891) Post on the Front of the assembly then place top of Bench Assembly at marked location. The (4931) Seat Supports should overhang the (1891) Posts by 1". Make sure the assembly is level then attach each (4931) Seat Support to the (1891) Posts with 2 (LS2) 1/4 x 2-1/2" Lag Screws (with flat washer) per support. (fig. 22.4 and 22.5)



**F:** Measure 24" up from the bottom of each (1891) Post on the Front of the assembly then place top of (4932) Table Supports at marked location. The (4932) Table Supports should be flush to the inside edge of (1891) Posts. Make sure the assembly is level then attach each (4932) Table Support to (0369) Lower Diagonals and (1891) Posts with 2 (LS2) 1/4 x 2-1/2" Lag Screws (with flat washer) per support. (fig. 22.4 and 22.5)

**Fig. 22.5**



**Hardware**

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

# Step 23: Attach Slide to Fort

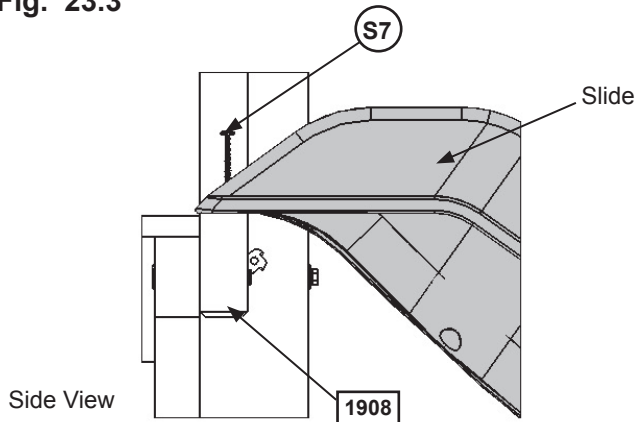


**Note: Pre-drill all holes using a 1/8" drill bit before installing the pan screws.**

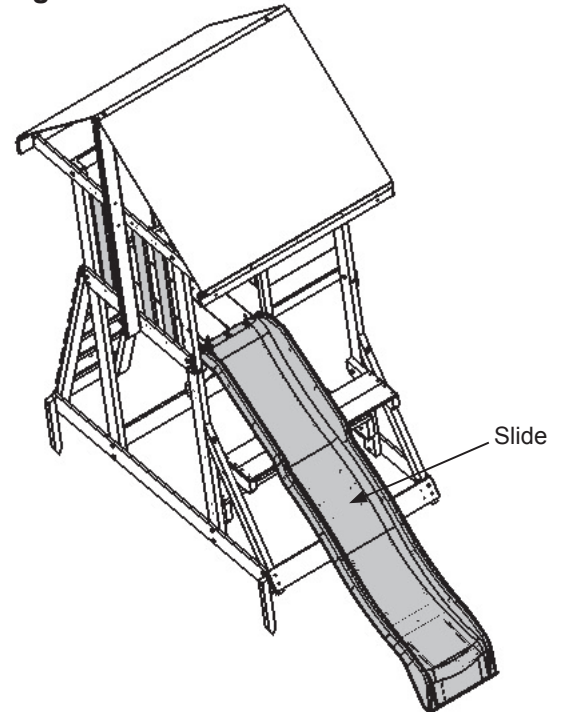
**A:** Place Slide in the centre between (1907) Front Divide and (1891) Post. (fig. 23.1 and 23.2)

**B:** Attach slide to fort through the (1908) Front Floor using 3 (S7) #12 x 2" Pan Screws. (fig. 23.2 & 23.3)

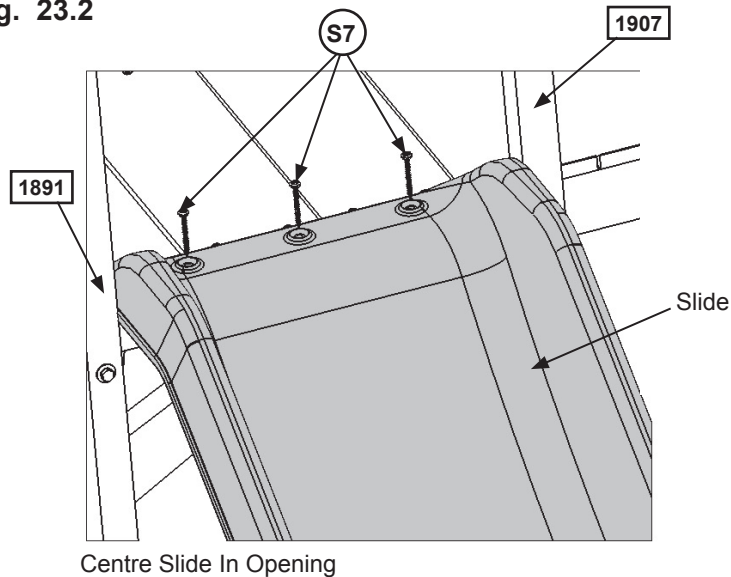
**Fig. 23.3**



**Fig. 23.1**



**Fig. 23.2**



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

**Other Parts**  
1 x Slide

# Step 24: Attach Swing Assembly to Fort



**A:** Attach Swing Assembly from Step 5 to (1898) SW Mount with 1 (G5) 5/16 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) and 1 (G8) 5/16 x 2" Hex Bolt (with 2 flat washers and 1 lock nut) as shown in fig. 24.1 and 24.2.

Fig. 24.1

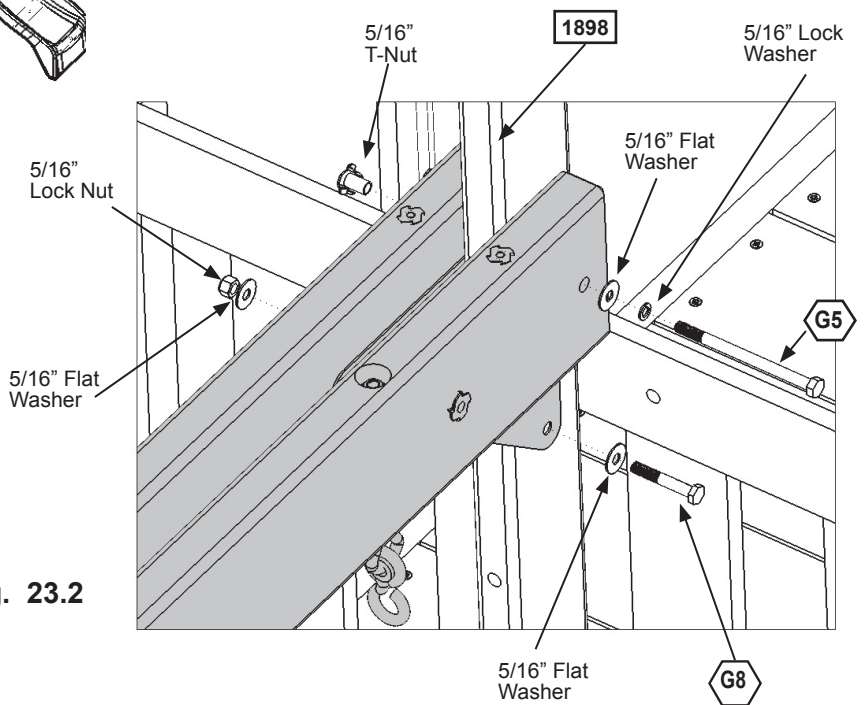
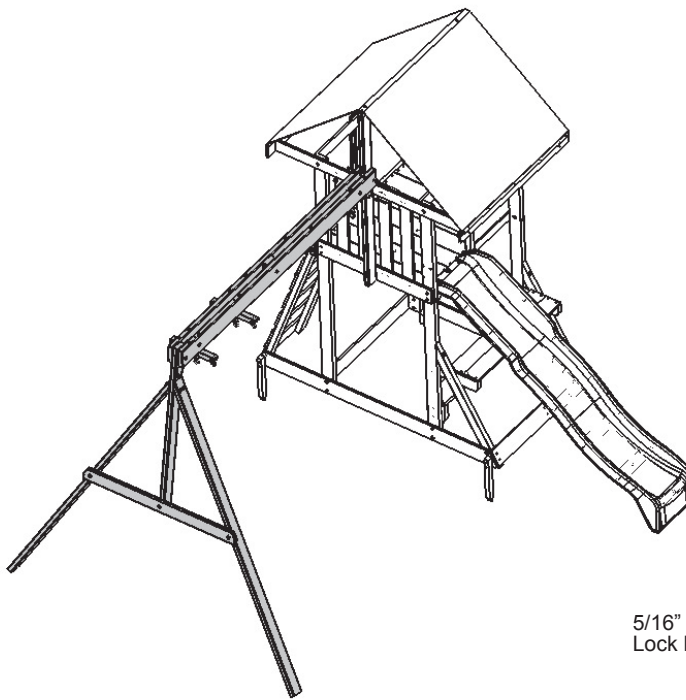




Fig. 23.2

### Hardware

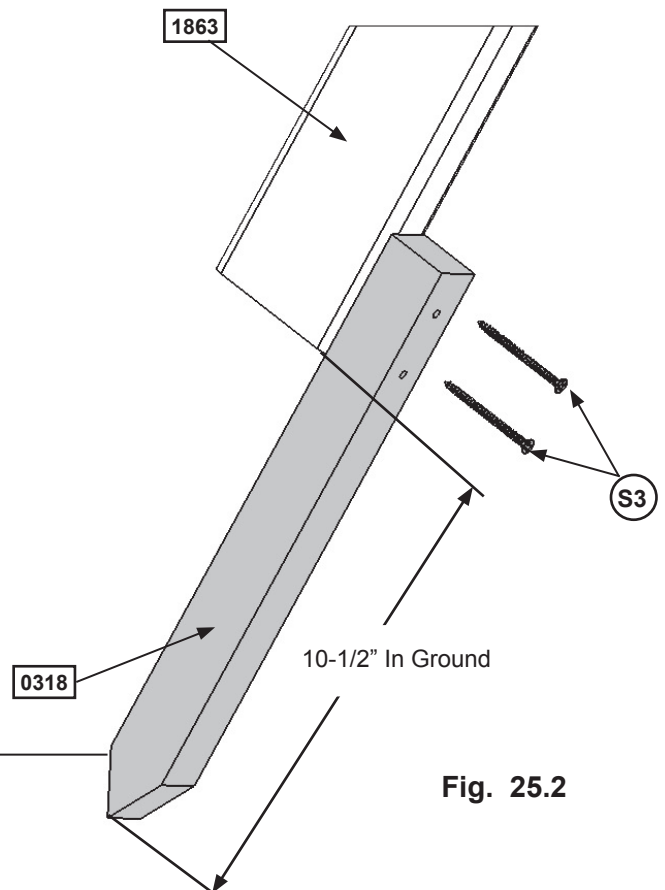
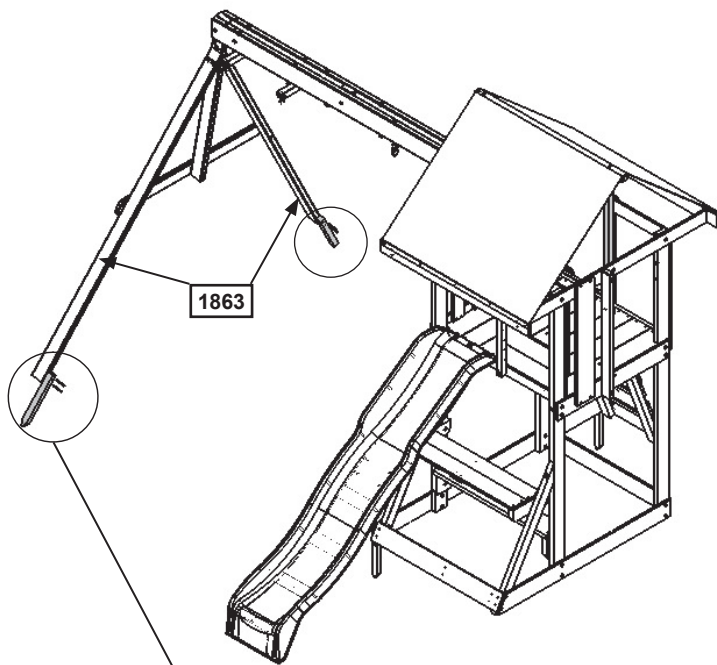
- 1 x  5/16 x 2" Hex Bolt  
(5/16" flat washer x 2, 5/16" lock nut)
- 1 x  5/16 x 4-1/2" Hex Bolt  
(5/16" flat washer, 5/16" lock washer, 5/16" t-nut)

## Step 25: Attach Swing Ground Stakes

**A:** Drive one (0318) Ground Stake 10-1/2" into the ground at each (1863) SW Post on the inside of the assembly and attach with 2 (S3) #8 x 2-1/2" Wood Screws per ground stake. (fig. 25.1 and 25.2)

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

Fig. 25.1



### Wood Parts

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

### Hardware

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

# Step 26: Connect Monkey Bar Assembly to Fort



**Pre-drill all pilot holes using a 1/8" drill bit before installing the lag screws.**

**A:** Using a MK Bracket attach (1565) MK Rail Short to (1902) MK Mount with 1 (G10) 5/16 x 3" Hex Bolt (with lock washer, flat washer and t-nut) and 2 (S6) #12 x 1" Pan Screws; and MK Bracket to the rail using 2 (S6) #12 x 1" Pan Screws as shown in fig. 26.1 and 26.2.

**B:** Measure 21-1/4" from top of (1564) MK Rail Long to top of (1890) CE Gap Board, then using a MB Mount Strap attach (1564) MK Rail Long to (1891) Post using 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) in the centre hole and 2 (S6) #12 x 1" Pan Screws in the 2 end holes as shown in fig. 26.3.

Fig. 26.1

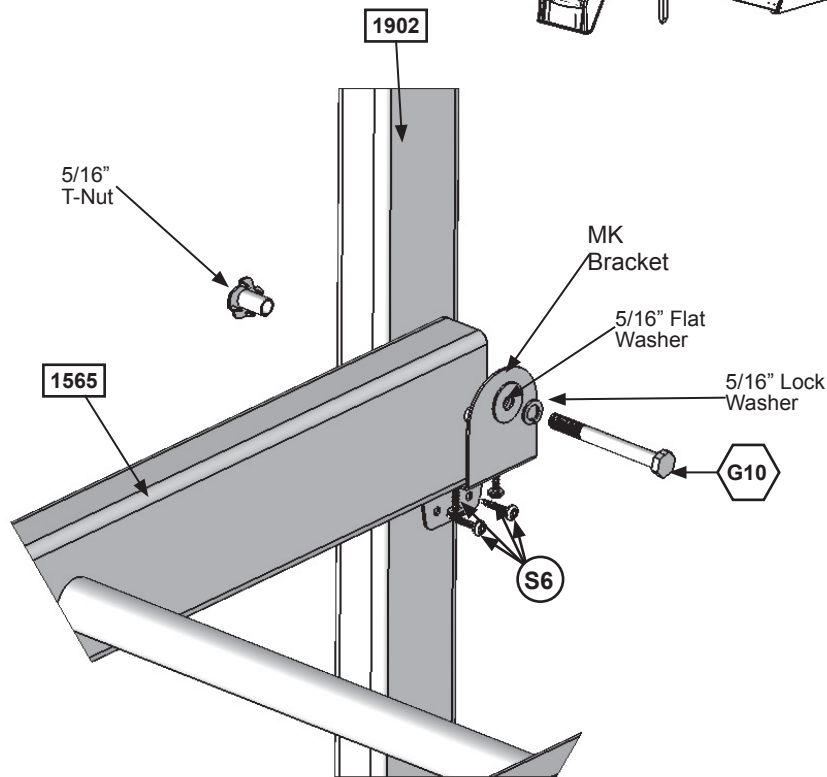
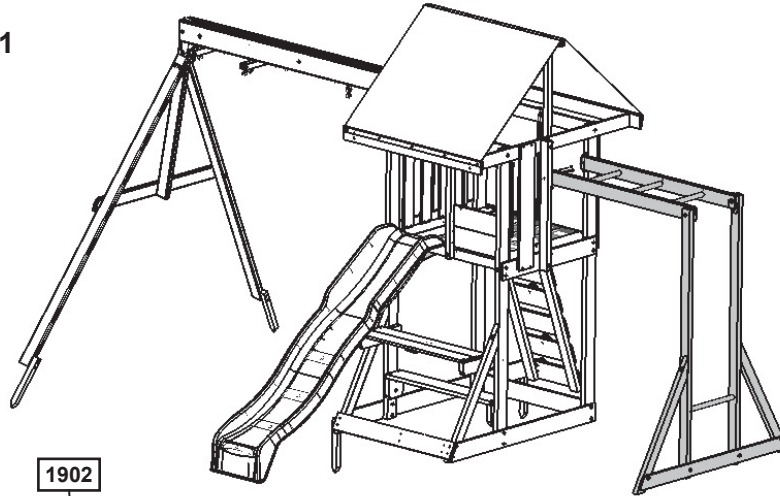


Fig. 26.2

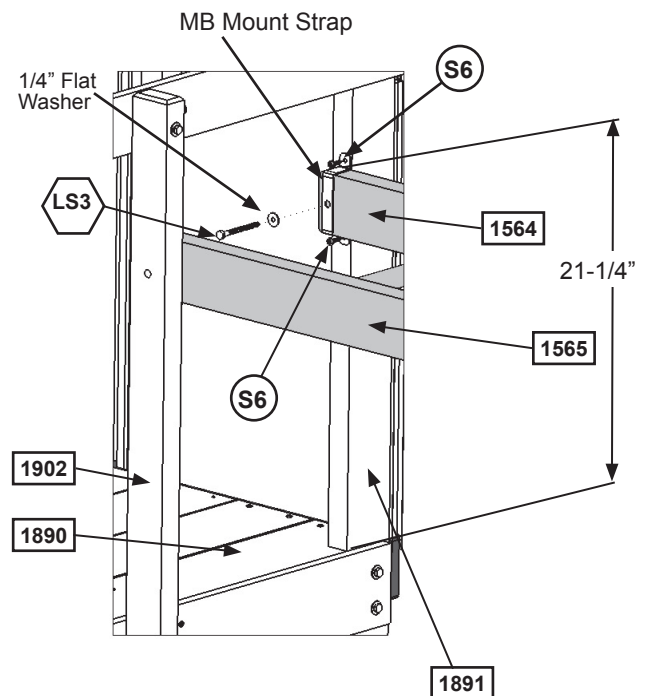


Fig. 26.3

### Hardware

- 6 x #12 x 1" Pan Screw
- 1 x 5/16 x 3" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
- 1 x 1/4 x 3" Lag Screw (1/4" flat washer)

### Other Parts

- 1 x MB Mount Strap
- 1 x MK Bracket



## Step 27: Attach Monkey End Ground Stake

**A:** Drive 1 (0318) Ground Stake 10-1/2" into the ground at one (1367) Post MK on the inside of the assembly and attach with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 27.1 & 27.2)

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

Fig. 27.1

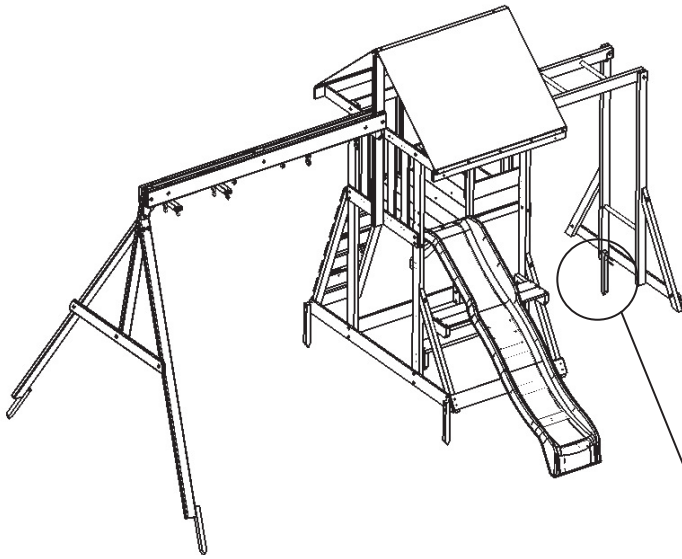
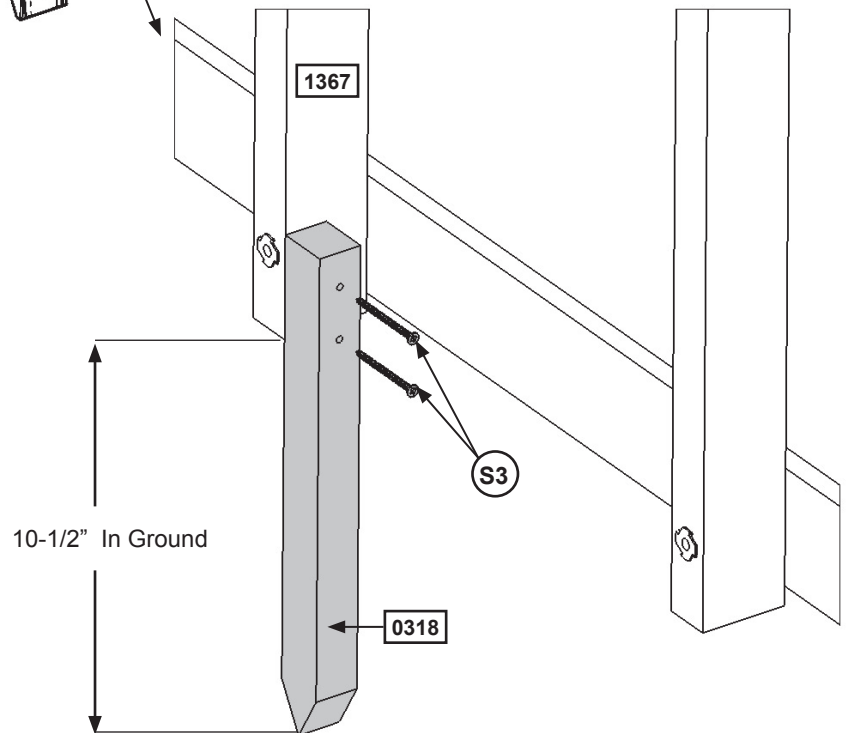


Fig. 27.2



### Wood Parts

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

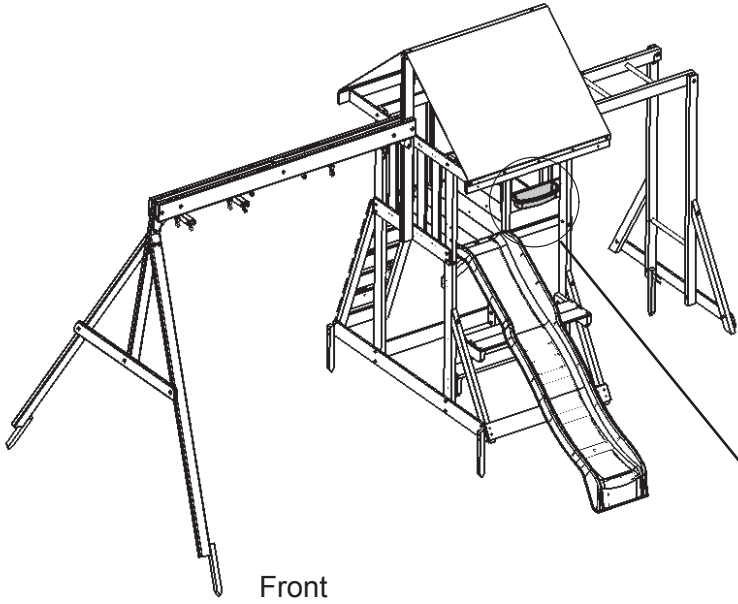
### Hardware

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

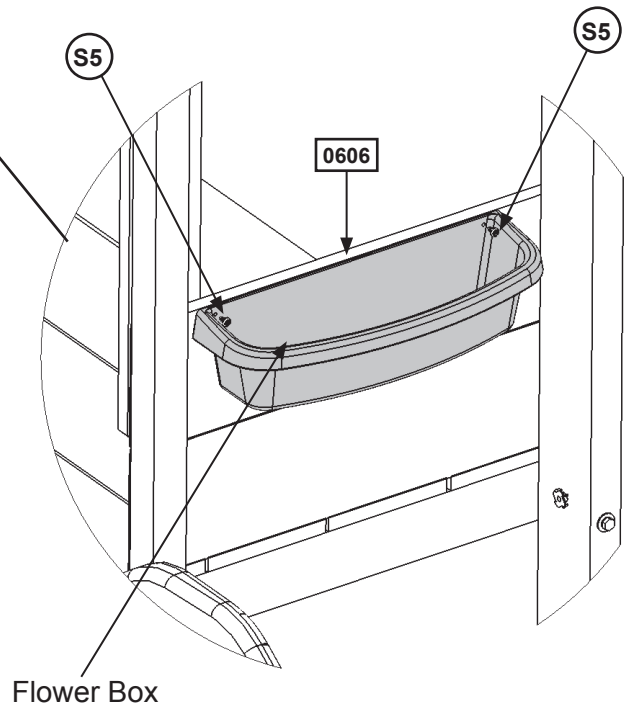
## Step 28: Attach Flower Box to Fort

**A:** On the front of the assembly attach the Flower Box to the top (0606) CE Access Board, centred on the board, with 2 (S5) #8 x 1/2" Pan Screws as shown in fig. 28.1 and 28.2.


**Fig. 28.1**



**Fig. 28.2**



### Hardware

2 x  #8 x 1/2" Pan Screw

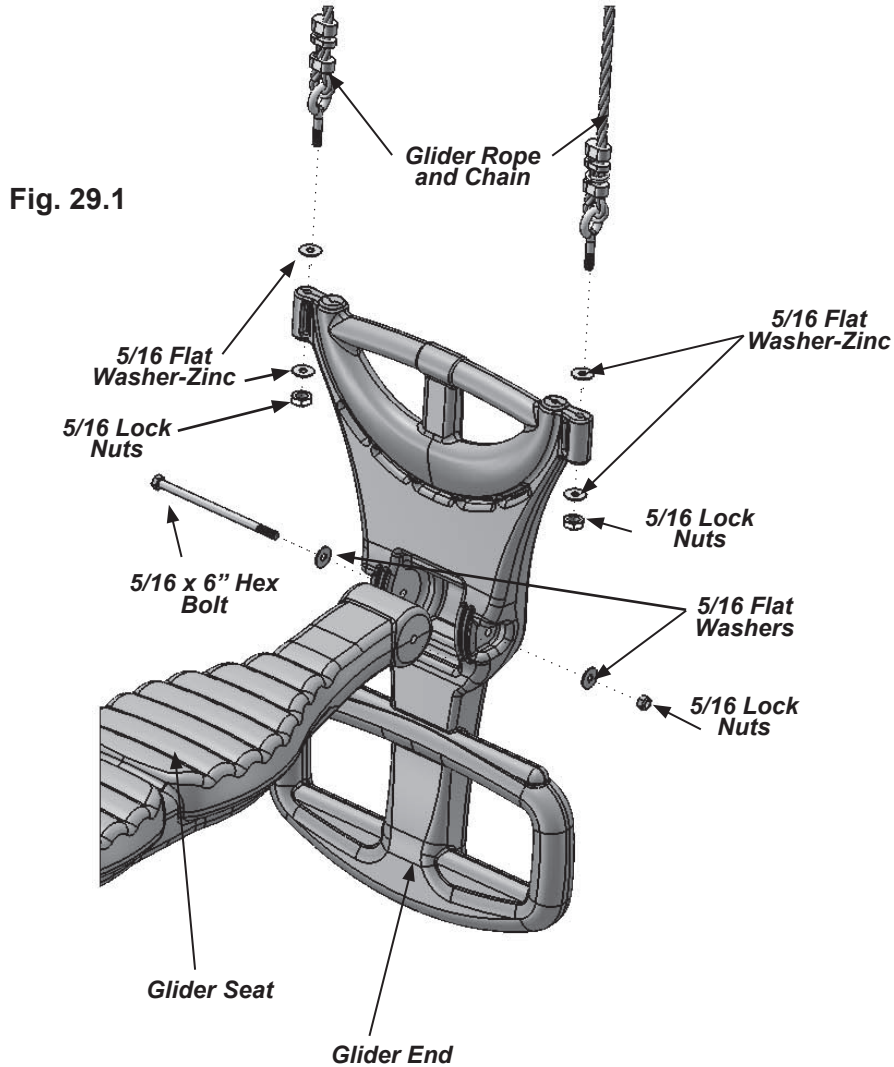
### Other Parts

1 x Flower Box

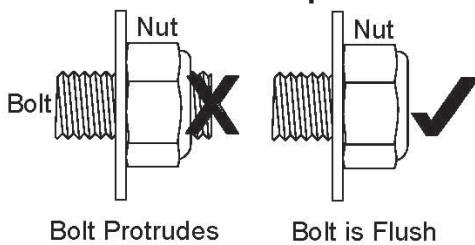
# Step 29: Glider Assembly

**A:** Attach 1 Glider End to the Glider Seat using 1 (Z) 5/16 x 6" Hex Bolt (with 2 flat washers and 1 lock nut). Repeat for the second Glider End. (fig. 29.1)

**B:** Install 2 Glider Rope with Chains into each Glider End using 2 - 5/16" Flat Washers and 1 Lock Nut per rope. (fig. 29.1)



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



### Hardware

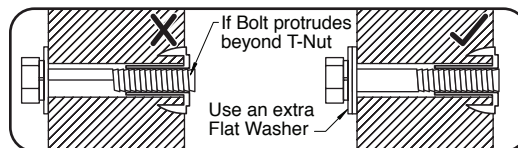
- 2 x (Z) 5/16 x 6" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)
- 8 x 5/16" Flat Washer
- 4 x 5/16" Lock Nut

### Other Parts

- 2 x Glider Ends
- 1 x Glider Seat
- 1 x Glider Rope and Chain (pkg of 4)

## Step 30: Attach Glider and Swings

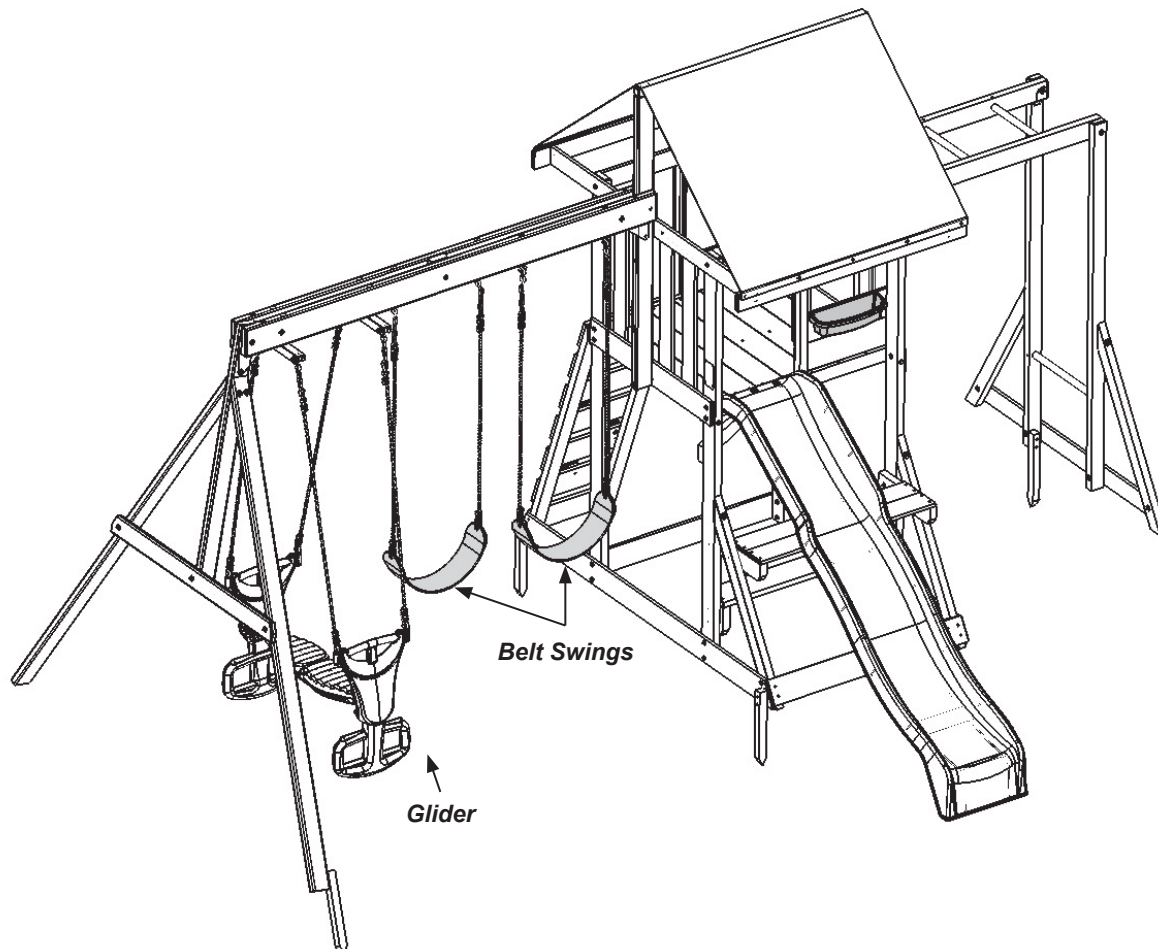
**⚠ WARNING:** Check entire play centre for bolts protruding beyond T-Nuts. Use extra washers to eliminate this condition.



**A:** Connect the assembled Glider Swing to the Glider Hangers previously installed. (fig. 30.1)

**B:** Attach 2 Belt Swings to the Bolt-Thru Swing Hangers. (fig. 30.1)

Fig. 30.1

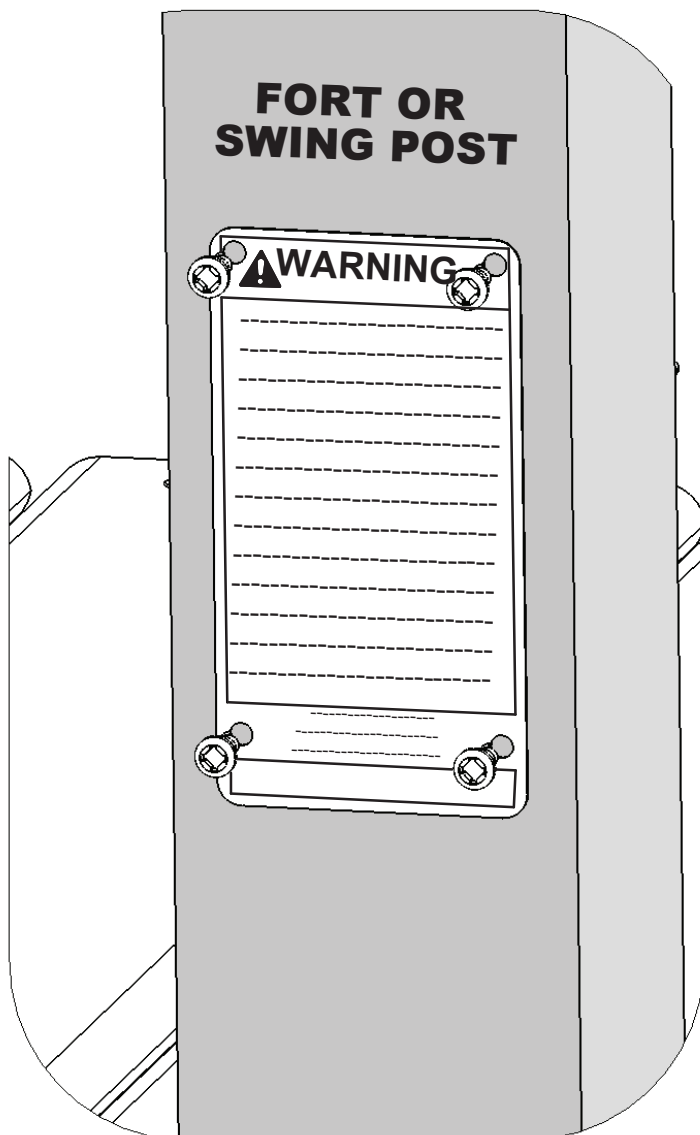


**Other Parts**  
2 x Belt Swings

## Final Step: Attach I.D. Plaque

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

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



Attach with screws provided to a location on your set that is easily seen and read by a supervising adult.







