

gorilla

playsets



Model: GM52000

ITM. / ART. 1740603

(BOXES: 1, 2, 3
& Slide)

Skyline Lookout Outdoor Playset

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY



10-14 Hrs



Two Person
Assembly

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166 Etowah Industrial Court
Canton, GA 30114

1-800-882-0272

www.gorillaplaysets.com

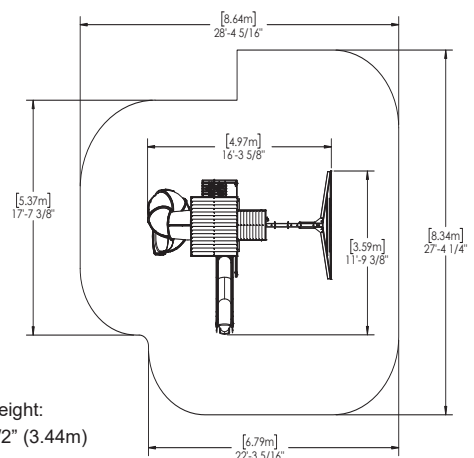
Adult Assembly Required

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

OBSTACLE FREE SAFETY ZONE: 28' 4-5/16" x 27' 4-1/4" (8.64m x 8.34m), area requires Protective Surfacing, see page 10
MAXIMUM VERTICAL FALL HEIGHT: 7.1' (2.16m)

CAPACITY: 10 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.



Height:
11' 3-1/2" (3.44m)

51-1130

Made in China



Please inspect and inventory all parts immediately upon accepting delivery. Use the inventory pages in the manual to make sure you have received all necessary parts. The quickest method to get any parts that are missing or damaged is to use our “Quick Response Center” located at:

www.gorillaplaysets.com/customer-care

DO NOT RETURN THIS PRODUCT TO THE RETAILER OR CONTACT THE RETAILER DIRECTLY. THE RETAILER DOES NOT STOCK COMPONENTS.

PLEASE RETAIN ALL INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED. CHECK FOR REVISED INSTRUCTIONS AT:

www.gorillaplaysets.com/assembly-manuals

GORILLA PLAYSETS WARRANTY – 2023

Gorilla Playsets® (“Gorilla”) warrants its play sets to be free from defects in workmanship and materials, under normal use and conditions, for 10 years for above ground structural wood components and for one year for all other components (e.g., swings, hardware, plastics, tarps, rope ladder, etc.).

Gorilla warrants all remaining products, including but not limited to its, Malibu Playhouse, Free Standing Swing Set, Free Standing Tire Swing, See-Saw, Children’s Picnic Table with Umbrella, Play-Zee-Bo™, Cedar Toy Chest, Interlocking Sandbox and spring riders to be free from defects in workmanship and materials, under normal use and conditions, for a period of 1 year.

Cosmetic imperfections and natural tendencies of wood such as peeling, splintering, warping, seasonal checking or cracking, knots or knot holes, etc. are normal characteristics of all outdoor wooden play equipment and are not covered by this warranty. Checks or cracks in wood components that do not affect the intended function of the part, piece or overall swing set are not covered under this warranty.

Wood rot or decay that develops because the product was installed in an area with poor drainage is not covered under this warranty. Lumber that has been damaged by wood boring bees, or conditions that develop as a result of faulty or improper installation of the product, are not covered by this warranty. Fading of stain, discoloration or mold on any wood part or accessory is not covered by this warranty. Cracks in plastic components, surface rust on hardware and chips on powder coated materials are not considered defects in material as long as they do not affect the functionality or structural integrity of the part or component.

It is the owner’s responsibility to maintain the swing set. **This includes but is not limited to staining and sealing the lumber as needed and regular inspection to be sure all hardware is tight.** Instructions for proper maintenance can be found on Gorilla’s website. Imperfections or conditions that develop because of a failure to properly maintain the swing set are not covered by this warranty.

Gorilla will, at its discretion, replace any above ground part within the stated warranty period that is defective in workmanship or materials. This decision is subject to verification of the defect, which, at Gorilla’s discretion, may be accomplished by submitting photographs or by delivery of the defective part to Gorilla Playsets • 166 Etowah Industrial Ct. • Canton, GA 30114 • 1-800-882-0272 Monday to Friday 9AM-5PM EST. Any warranty claim must include proof of purchase, including the date of purchase. **In addition, within the first 30 days from the date of purchase, Gorilla will replace any parts discovered to be missing from or damaged in the original packaging.**

This warranty is valid only if the product is used for the purpose for which it was designed and installed at a residential, single-family dwelling. This warranty is void if the product is used in a commercial, institutional or multi-family setting. **This warranty does not cover normal wear and tear or (a) products that have been damaged by acts of God and/or nature, negligence, misuse or accident; (b) products that have been modified or repaired by unauthorized persons; (c) the cost of labor; or (d) the cost of shipping any replacement product or part.**

GORILLA DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES OF ANY KIND, EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. GORILLA WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty is non-transferable and does not extend to the owners of the product subsequent to the original purchaser. Some states do not allow limitations on implied warranties or exclusion of incidental or consequential damages, so these restrictions may not be applicable to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

AUSTRALIA: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

IMPORTANT SAFETY GUIDELINES

This product is recommended for use by children ages 3-10. This product is intended for residential use only and not intended for use in any public setting. A safety surface such as mulch or recycled tire should be used under the play set to prevent injury from falls. Also a 6 foot safety zone should be used around the entire play set.

As with any home project, good judgment and respect for power tools will greatly reduce the risk of injury. Gorilla recommends you follow all tool manufacturers' safety guidelines. Always wear eye protection and safety gloves to prevent injury. In several phases of construction two people may be required for lifting and securing of lumber. While the play set is being constructed, please keep children off the equipment until the project is complete. Bolts and screw heads should be checked regularly for tightness. The ground Access, rope Access, slide, swings and other areas where children spend a majority of their playtime should be checked more frequently.

Gorilla shall not be liable for incidental, indirect or consequential damages or injuries that result from building and/or playing on our play sets. Adult supervision is recommended anytime a play set is being used.

WARRANTY REGISTRATION

NAME: _____

Gorilla Playsets™ manufactures the finest quality products that are designed for outstanding strength and durability. We back our products with an unparalleled warranty. In the unlikely event that you will need to contact us about covered repairs, we must have a valid Warranty Registration on file.

3 EASY WAYS TO REGISTER	
OPTION 1	Fax this completed form to: (800) 880-3300 OR Mail this completed form to: Gorilla Playsets 166 Etowah Industrial Court Canton, GA 30114
OPTION 2	Complete the online registration form at: http://www.gorillaplaysets.com/register
OPTION 3	Scan this QR Code with your smartphone to complete the form using your phone: 

Where did you buy this product?

Date of Purchase _____ Store _____ Store City _____ Store State _____

Your registration information:

Name: _____ Email: _____

Address: _____
 Street _____ City _____ State _____ Zip _____

Please select your age ☐ 18-30 ☐ 41-50
☐ 31-40 ☐ 51+

How old are your children? ☐ 2-3 ☐ 6-7
☐ 4-5 ☐ 8+

How would you rate the quality of this product? ☐ ★★★★★ Excellent
☐ ★★★★ Above Average
☐ ★★★ Average
☐ ★★ Below Average
☐ ★ Poor

Would you recommend this product to friends & family? ☐ Yes ☐ No

Comments: _____

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IMPORTANT – PLEASE READ

Congratulations! You have just purchase one of the finest residential wooden swing sets available today. As with any wooden product that spends its entire life outside, in varying elements, it is important to know what to expect with your new swing set so that your family can enjoy it for many years.

As your swing set acclimates to its new environment, natural characteristics of the wood can show in the form of checks, or “cracks” in the lumber. In almost all cases this is normal and it will not affect the structural integrity of your play set and is not covered under warranty.

KEEPING YOUR PLAYSET LIKE NEW

MUST DO's

The following owner responsibilities are crucial to the safety, integrity and aesthetic appeal of your swing set and may affect the warranty if not adhered to.

WITHIN 60 DAYS

- Check and tighten Hex Bolts/T-nuts, Carriage Bolts/Lock-nuts, and Lag Screws within the first 60 days and then twice annually – once before each season and then once during the season.

WITHIN 90 DAYS

- Apply a **sealant** or **semi-transparent stain with sealant** within the first 90 days of owning the swing set. Our own Stain/sealant is available online here: <http://www.gorillaplaysets.com/Playground-Sealant-p/10-0003.htm>

Oil based stain or water based stain may be used. Should you choose to use other stain we suggest asking the product covering specialists at any number of specialty paint stores or home improvement centers for a product that would work best for your local environment. ** TIP – while the set is new, take a small board from your swing set to the store with you so they can color match the tint of the stain or sealant.

SEASONAL REMINDERS

- If your area experiences regular snowfall, remove your fabric tarp/canopy to avoid stretching, sagging or tearing of the material. Store it inside, folded up, and it will be as good as new when winter is over.
- If your area experiences extremely cold temperatures, remove swing belts and other pliable features to prolong the lifespan of these play activities.

OTHER TIPS

- Spray swing hangers with Pam, Mazola or olive oil to stop squeaking; do not use petroleum based products such as WD-40 or motor oil.
- To repel yellow jackets and wasps, use a cotton ball and dab interior wooden corners underneath the play set deck with a liquid dish soap. Avoid using insecticides.

For additional safety and maintenance guidelines, please visit our website.

Safety and Maintenance Tips for Your New Play Set:

NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.

- This play set is designed for the use of 10 occupants.
- On-site adult supervision is required.
- Teach children not to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
- Teach children to sit in and never stand on swings
- Teach children not to twist the chains and ropes and not to loop them over the swing beam, since this may reduce the strength of the chain or rope.
- Teach children not to jump from swings or other playground equipment in motion.
- Teach children not to push empty seats. The seat may hit them and cause serious injury.
- Teach children to sit in the center of the swings with their full weight on the seats.
- Teach children not to use the equipment in a manner other than intended.
- Teach children to always go down slides feet first. Never slide headfirst.
- Teach children to look before they slide to make sure no one is at the bottom.
- Teach children to never run up a slide, as this increases their chances of falling.
- The parents should have the children dress appropriately with well-fitting shoes. Loose clothing such as scarves and ponchos should not be worn. Always take off, tie up or tuck in cords and drawstrings on children's clothing. These things can get caught on playground equipment and strangle a child.
- Teach children not to climb when the equipment is wet.
- Teach children to never jump from a fort deck. They should always use the Access, ramp or slide.
- Teach children to never crawl or walk across the top of monkey bars or swing beam.
- Teach children to never crawl on top of a fort roof or on the outside of a tube slide.
- Verify that any suspended climbing ropes, chains, or cables are secured at both ends and that they cannot be looped around an adult hand.
- Teach children not to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
- Teach children to never wrap their legs around swing chain.
- Teach children to never slide down the swing chain.
- Teach children to remove their bike or other sports helmet before playing on the playground equipment.
- Teach children to NEVER look at the sun or other bright light through any accessory such as but not limited to a telescope, periscope or binoculars.

WARNING: Children must NOT use this play set until it has been completely assembled and inspected by an adult to insure it has been properly installed and the swing beam legs are anchored.

Safety and Maintenance Tips for Your New Play Set:

(continued)

Playgrounds should be inspected on a regular basis. If any of the following conditions are noted, they should be removed, corrected, or repaired immediately to prevent injuries.

- Hardware that is loose, worn or that has protrusions or projections.
- Exposed equipment footings.
- Scattered debris, litter, rocks, or tree roots.
- Splinters, large cracks, and decayed wood components.
- Deterioration and corrosion on structural components, which connect to the ground.
- Missing or damaged equipment components, such as handholds, guardrails, swing seats.
- Check all nuts and bolts twice monthly during the usage season and tighten as required.
(But not so tight that you crack the wood) We recommend you check the swing beam and hardware often due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
- Remove plastic swing seats and take indoors or do not use when the temperature drops below 32°F. Reinstall swings and other swing equipment at the beginning of the usage season.
- Oil all metallic moving parts monthly during the usage period.
- Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
- Check swing seats, ropes, cables and chains monthly during usage season for evidence of deterioration. Replacement should be made of any swing seat that has developed cracks in the plastic seats. Ropes, cables and chains should be removed and replaced if excessive wear is found. Contact us for warranted replacement parts.
- Swing chains, rings, ropes, etcetera should always be fastened to a rotating swing hanger. NEVER attach a chain, ring, rope, etcetera to a stationary hanger such as but not limited to an eye bolt. Severe wear could occur leading to an injury.
- For rusted areas on metallic members such as monkey bars, hand supports brackets, etc.; sand and repaint, using a non lead-based paint meeting the requirements of Title 16 C.F.R. Part 1303. These requirements are available at: <http://www.cpsc.gov/>
- Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe playing environment. If you are treating your play set with stain regularly, it will help prevent severe checking/splitting and other weather damage.
- Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any “rough” spots on your set. Please note this is a requirement of your warranty.
- Creating and maintaining the play set on a level location is very important. As your children play, your play set will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the play set is level and true once each year or at the beginning of each play season.
- Twice a month during the usage season rake the playground protective surfacing materials to prevent compaction and maintain appropriate depths. Replace the protective surfacing materials as required.
- Disposal Instructions: When the play set is no longer desired, it should be disassembled and disposed of in such away that no unreasonable hazards will exist at the time the play set is discarded.

PLAYGROUND SURFACING MATERIALS

SECTION 4 OF THE CONSUMER PRODUCT SAFETY COMMISSION'S OUTDOOR HOME PLAYGROUND SAFETY HANDBOOK⁹

Select Protective Surfacing

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 Specification F 1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

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 generally 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.

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 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.)
- ❑ 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. U.S. Consumer Product Safety Commission, Washington, D.C., 20207 or call the toll-free hotline :1-800-638-2772
- ❑ Check and maintain the depth of the loose-fill surfacing material. To maintain the right amount of loose-fill materials, mark the correct level on play equipment support posts. That way you can easily see when to replenish and/or redistribute the surfacing.
- ❑ **Do not** install loose fill surfacing over hard surfaces such as concrete or asphalt.

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

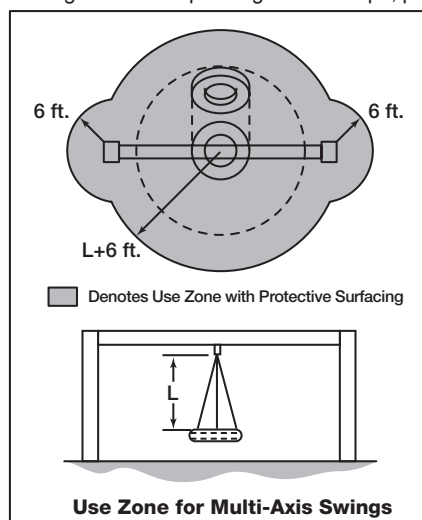
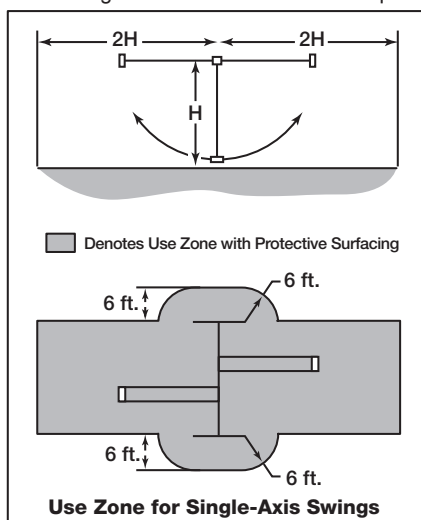
You may be interested in using surfacing other than loose-fill materials – like rubber tiles or poured-in-place surfaces.

- ❑ 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 F 1292 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. 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.



⁹ This information has been extracted from the CPSC publications "Playground Surfacing—Technical Information Guide" and "Handbook for Public Playground Safety." Copies of these reports can be obtained by sending a postcard to the: Office of Public Affairs, U.S. Consumer Product Safety Commission, Washington, D.C., 20207 or call the toll-free hotline: 1-800-638-2772

Play Set Surfacing Recommendations:

Below are some of the recommendations that the U.S. Consumer Product Safety Commission (CPSC) offers from its Handbook for Public Playground Safety. The guide can be downloaded in full at www.cpsc.gov/cpscpub/pubs/325.pdf

1. Protective Surfacing - Since almost 60% of all injuries are caused by falls to the ground, protective surfacing under and around all playground equipment is the most critical safety factor on playgrounds.

Certain manufactured synthetic surfaces also are acceptable; however, test data on shock absorbing performance should be requested from the manufacturer.

Asphalt and concrete are unacceptable. They do not have any shock absorbing properties. Similarly, grass and turf should not be used. Their ability to absorb shock during a fall can be reduced considerably through wear and environmental conditions.

Certain loose-fill surfacing materials are acceptable. Surfacing materials are acceptable, such as the types and depths shown in the table.

Fall Heights and Materials

Type Of Material	6 in. depth	9 in. depth	12 in. depth
Double-Shredded bark mulch	6' Fall Height	10' Fall Height	11' Fall Height
Wood Chips	6' Fall Height	7' Fall Height	12' Fall Height
Fine Sand	5' Fall Height	5' Fall Height	9' Fall Height
Shredded Tires*	10-12' Fall Height	N/A	N/A
Fine Gravel	6' Fall Height	7' Fall Height	10' Fall Height

*This data is from tests conducted by independent testing laboratories on a 6-inch depth of uncompressed shredded tire samples produced by four manufacturers. The tests reported critical heights, which varied from 10 feet to greater than 12 feet. It is recommended that persons seeking to install shredded tires as a protective surface request test data from the supplier showing the critical height of the material when it was tested in accordance with ASTM F1292.

It should be recognized that all injuries due to falls cannot be prevented no matter what surfacing material is used.

2. Fall Zones - A fall zone, covered with a protective surfacing material, is essential under and around equipment where a child might fall. This area should be free of other equipment and obstacles onto which a child might fall. Stationary climbing equipment and slides should have a fall zone extending a Minimum of 6' in all directions from the perimeter of the equipment.

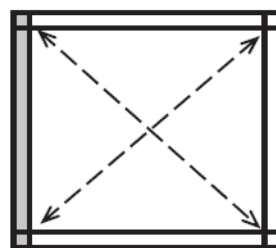
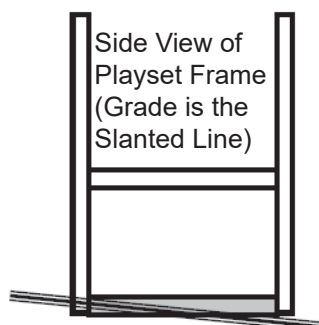
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

LEVELING YOUR FORT DURING ASSEMBLY

- Complete the steps which will be the basic frame of the fort. {i.e. four corner posts with base (sand box boards) and deck supports}
- Position in the most level area chosen for the play set, keeping in mind the location and size of the swing beam, Access, slides, etc. that extend off the fort.
- Once the frame is in the final position, check for vertical and horizontal levelness to determine which side(s) will need to be dug into the ground to level the play set.
- With a shovel, score the ground around the outside edges of the sandbox boards on the 'high' side of the fort. This is the area that will be dug in. Make sure to score deep enough; the scored lines will be your digging template.
- Push the frame off and away from the scored area, far enough to dig and remove dirt to reach the appropriate depth.
- Dig a channel along the scored line(s) for the base of the fort (corner post and sandbox boards) to rest into. Dig the channel(s) to the same level depth. The bottom of the channel(s) should be level to each other so your frame doesn't teeter or rock because the channel(s) are uneven.
- Once you have removed enough grass and dirt, slide/push the frame into the channel(s). Place a level on the vertical and horizontal boards of the frame to determine if enough soil, or too much, was removed.
- Repeat this process until the basic frame is plumb and level and in its final position before completing the rest of the assembly.
- Measure to make sure fort is square.

Important: if you require a channel depth of more than 6", then we recommend you have your play set area professionally graded before completing assembly.

Example Play area:



The diagonal measurements should be the same from corner post to corner post. If not, adjust corner posts so that the distance is equal.

■ = Area to be scored and channeled for levelness

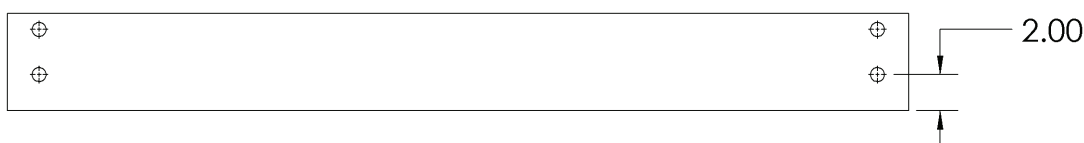
General Info to Review Before Installation

- Depending on your experience, assembly of the playset can take as little as 6 hours up to 24 hours, depending on size, after inventory of parts; therefore, we recommend you set aside a full two days for assembly.
- Identify all of the parts for your play set. Empty each box and lay out boards so you can see each part. Your instruction book will have detailed drawings that will make it easy for you to recognize individual parts. Keep all hardware and metal parts separate from wooden pieces.
- After everything is laid out, check carefully to ensure all parts are present. Make sure there are no broken boards.
- Find an area to sort your hardware. It is best to open the hardware on a solid surface so that you do not lose any pieces in the grass. This will save time and familiarize you with all the different pieces in the hardware bag.
- Important note: Wood has some natural defects such as knots, surface cracks, etc... We reject parts that are structurally defective. We use a high quality lumber in our structures; however, you should inspect each part for splinters or rough spots and sand them smooth to prevent injury.
- After familiarizing yourself with all of the components, read all instructions thoroughly. Reading instructions after you have studied the parts will help you understand the installation process, and help to eliminate unnecessary mistakes.
- Pay close attention to the diameter and length of each bolt and screw.
- Never tighten hardware completely at first. It helps to have some adjustment for bolt alignment while you are attaching parts together. After everything is square, tighten each joint.
- After the main unit is assembled it is critical that the floor is level and square. If the main frame is not level, the walls and floor will be out of square.
- After you complete installation, make sure every bolt, screw, and nut is tight, and every board is secure. Wood will expand and contract with the seasons.
- Place the set on level ground, not less than 6 feet from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

This page is a list of definitions and explanations used throughout our instructions to aid you in the assembly of your play set.

Offset Holes- Throughout the installation procedures we will refer to parts with offset holes. This refers to the orientation of the holes on the board. An offset hole is one that is closer to one side than it is the other or in other words, it is not centered on the board. In the procedures you will be instructed to attach the boards with the holes offset up or with the holes offset down. This refers to which side of the board the hole/holes should be closer to. Offset holes up= hole/holes will be closer to the top of the board. Offset holes down= hole/holes will be closer to the bottom of the board. Note: some parts do not have offset holes, but instead the holes are on center. Therefore there will not be any reference on how to offset these parts.

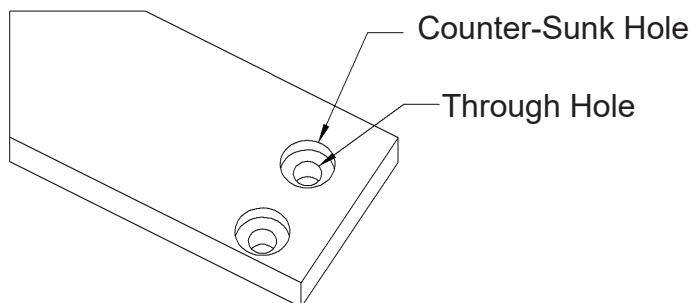
EXAMPLE OF OFFSET HOLES UP



EXAMPLE OF OFFSET HOLES DOWN



Counter-sunk holes - Many of the parts that will be used have counter-sunk holes. A counter-sunk hole is one that surrounds one side of a through hole, but does not extend through the wood it's self. When using a counter-sunk hole the bolt will be inserted through the through hole and either the head of the bolt and washer or nut and washer will occupy the counter sunk hole.



Lag Screws- Lag screws are used in the construction of our play sets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be advantageous to pre-drill a hole first. Instructions for this are provided on a separate page in the front of the manual. Be sure to tighten the lags completely when driving them in by hand. Power tools such as a heavy duty impact driver or large power drill should have enough torque to drive in the lag screws, but make sure not to over tighten as this can cause the threads to “strip out” in the post.

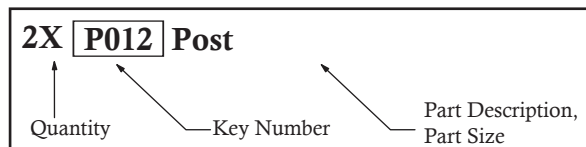
Keys to Assembly Success

Tools Required

<ul style="list-style-type: none"> • Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill 	<ul style="list-style-type: none"> • #2 Phillips bit or Screwdriver • Ratchet with extension (7/16", 1/2" & 9/16" sockets) 	<ul style="list-style-type: none"> • Open End Wrench (7/16", 1/2", 9/16" & 5/8") • Adjustable Wrench • Pencil 	<ul style="list-style-type: none"> • 8' Step Ladder x 2 • Safety Glasses • Adult Helpers
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Part Identification Key

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



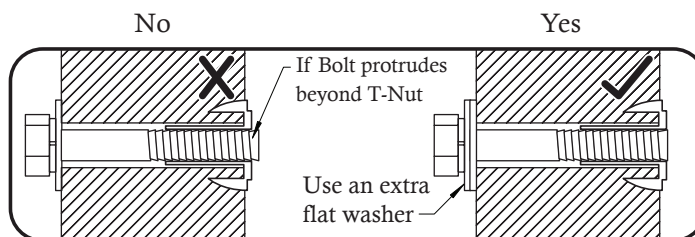
Symbols

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

<p>This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.</p>		<p>Check that set or assembly is properly level before proceeding.</p> <p>Use Level</p>
<p>Use Help</p>	<p>Use Help</p>	<p>Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!</p>
<p>Measure Distance</p>	<p>Check that assembly is square before tightening bolts.</p>	<p>Square Assembly</p>
<p>Use a measuring tape to assure proper location.</p>		<p>Pre-drill 1/8" & 3/16" Bit</p> <p>Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.</p> <p>Tighten Bolts</p>
<p>This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.</p>		

CAUTION – Protrusion Hazard

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

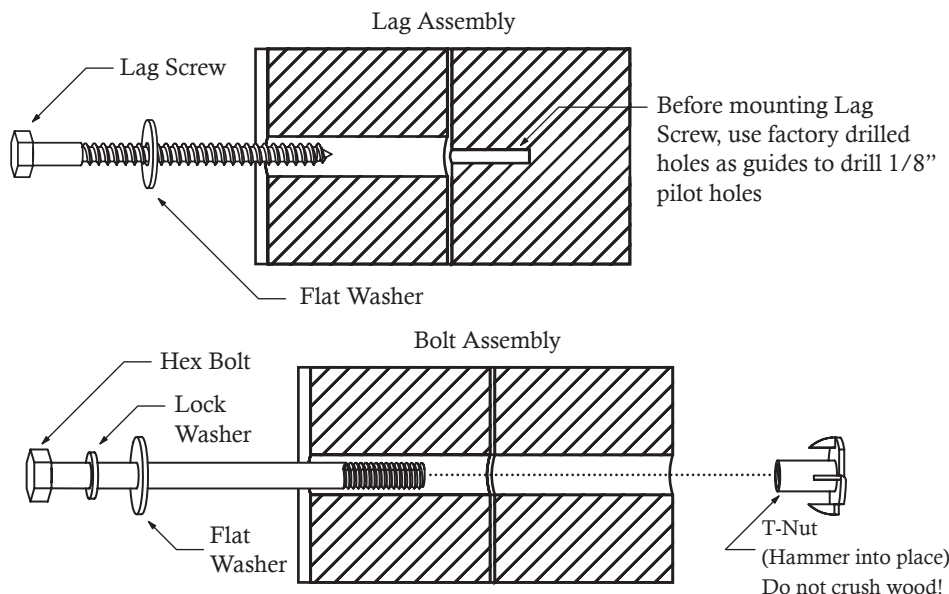


Proper Hardware Assembly

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

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

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





IMPORTANT DOCUMENTS

CUSTOMER MUST READ AND RETAIN

Please go to the following links and read important SAFETY information prior to using your new play structure.

<http://www.gorillaplaysets.com/safety-tips/>

<https://www.gorillaplaysets.com/suggested-maintenance>

<http://www.gorillaplaysets.com/assembly-manuals/>

(Click on your specific model)

<http://www.gorillaplaysets.com/warranty/>

NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious injury. Please review these safety rules regularly with your children.

WARNING:

Children must NOT use this play set until it has been completely assembled and inspected by an adult to ensure it has been properly installed.

Gorilla Playsets
166 Etowah Industrial Court
Canton, GA. 30114

Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

4pc. (P001) - Long Post 2336.8mm (92") FSC

(G50229-P001)

4pc. (P002) - Lower Post 1092.2mm (43") FSC

(G50229-P002)

2pc. (P003) - Back Post 1493.8mm (58-13/16") FSC

(G50229-P003)

2pc. (P004) - Front Post 1692.1mm (66-5/8") FSC

(G50229-P004)

1pc. (P005) - Back Floor Support 1206.5mm (47-1/2") FSC

(G50229-P005)

1pc. (P006) - Floor Joist 1206.5mm (47-1/2") FSC

(G50229-P006)

9pc. (P007) - Floor Board 1141.3mm (44-15/16") FSC

(G50229-P007)

2pc. (P008) - Ground 1206.5mm (47-1/2") FSC

(G50229-P008)

1pc. (P009) - Side Ground 1206.5mm (47-1/2") FSC

(G50229-P009)

1pc. (P010) - Door Stop 254mm (10") FSC

(G50229-P010)

1pc. (P011) - Mid Post 2032mm (80") FSC

(G50229-P011)

1pc. (P012) - Top Door 476.3mm (18-3/4") FSC

(G50229-P012)

2pc. (P013) - Turbo Trim Wall 501.5mm (19-3/4") FSC

(G50229-P013)

6pc. (P014) - Trim 342.9mm (13-1/2") FSC

(G50229-P014)

1pc. (P015) - Wall Top 644.3mm (25-3/8") FSC

(G50229-P015)

5pc. (P016) - Upright 552.5mm (21-3/4") FSC

(G50229-P016)

1pc. (P017) - Diagonal 917.1mm (36-1/8") FSC

(G50229-P017)

1pc. (P114) - Siding Top 579.3mm (22-13/16") FSC

(G50229-P114)

2pc. (P018) - Siding 579.3mm (22-13/16") FSC

(G50229-P018)

1pc. (P019) - Siding Bottom 579.3mm (22-13/16") FSC

(G50229-P019)

1pc. (P020) - Mid Front 1206.5mm (47-1/2") FSC

(G50229-P020)

2pc. (P021) - Turbo Spacer 631.8mm (24-7/8") FSC

(G50229-P021)

1pc. (P022) - Top Transom 1206.5mm (47-1/2") FSC

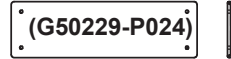
(G50229-P022)

Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

3pc. (P023) - Top Siding 1141.4mm (44-15/16") FSC



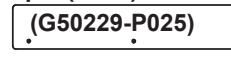
3pc. (P024) - Transom Upright 295mm (11-5/8") FSC



8pc. (P026) - Siding 1141.4mm (44-15/16") FSC



8pc. (P025) - Transom Back 384mm (15-1/8") FSC



3pc. (P027) - Bottom Siding 1141.4mm (44-15/16") FSC



2pc. (P028) - SW Mid Wall 1206.5mm (47-1/2") FSC



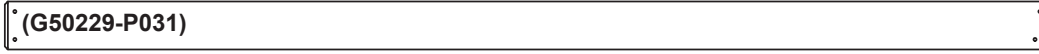
2pc. (P029) - Wall Board A 1508.6mm (59-3/8") FSC



1pc. (P030) - Wall Board B 1528mm (60-3/16") FSC



1pc. (P031) - Wall Board C 1662.2mm (65-7/16") FSC



2pc. (P032) - Wall Board D 1681.9mm (66-1/4") FSC



1pc. (P033) - SW Mount 1206.5mm (47-1/2") FSC



1pc. (P034) - Roof Support 1206.5mm (47-1/2") FSC



1pc. (P035) - Mid Window 576.2mm (22-11/16") FSC



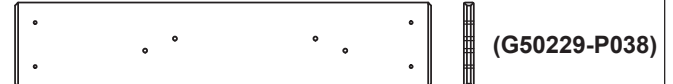
2pc. (P036) - Rock Rail 1256mm (49-7/16") FSC



1pc. (P037) - Rock Bottom 949.4mm (37-3/8") FSC



5pc. (P038) - Rock Board 660.4mm (26") FSC



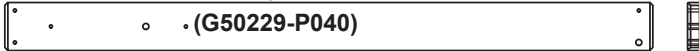
1pc. (P106) - Rock Top 660.4mm (26") FSC



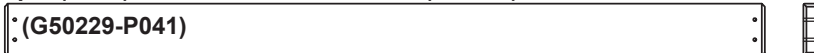
1pc. (P039) - Rock Wall Block 107.9mm (4-1/4") FSC



2pc. (P040) - Turbo Upright 1028.8mm (40-1/2") FSC



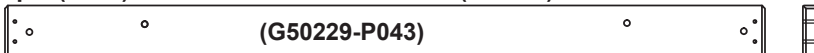
1pc. (P041) - Turbo Bottom 1206.5mm (47-1/2") FSC



1pc. (P042) - Turbo SL Top 1206.5mm (47-1/2") FSC



1pc. (P043) - Turbo SL Bottom 1206.5mm (47-1/2") FSC



Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

1pc. (P044) - Turbo SL Center Post 227.2mm (8-15/16") FSC



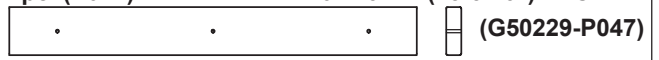
2pc. (P045) - Turbo SL Side Post 198.1mm (7-13/16") FSC



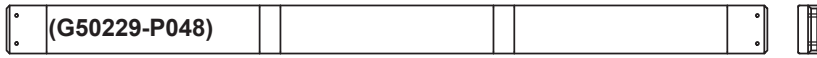
1pc. (P046) - Turbo SL Base 457.2mm (18") FSC



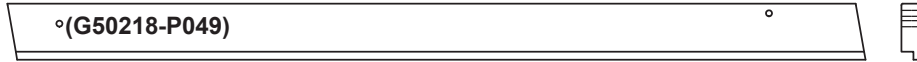
2pc. (P047) - Turbo SL Filler 642.9mm (25-5/16") FSC



1pc. (P048) - SL Support 1206.5mm (47-1/2") FSC



1pc. (P049) - Side Roof Joist RT 1361mm (53-9/16") FSC



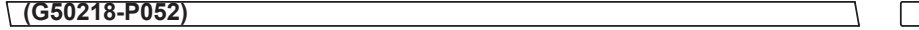
1pc. (P050) - Side Roof Joist LT 1361mm (53-9/16") FSC



2pc. (P051) - F-B Roof Fascia 1273.2mm (50-1/8") FSC



1pc. (P052) - Joist 1352mm (53-1/4") FSC



1pc. (P115) - Roofing Top 1244.5mm (49") FSC



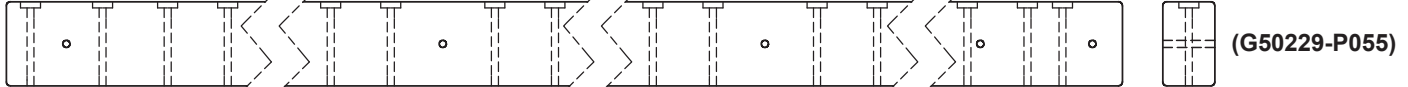
14pc. (P053) - Roofing 1244.5mm (49") FSC



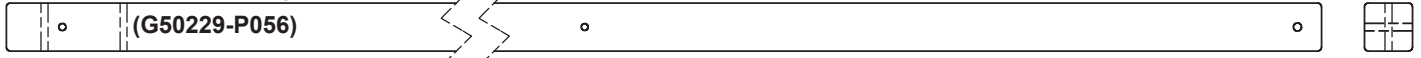
1pc. (P054) - Roofing Bottom 1244.5mm (49") FSC



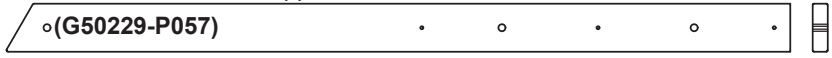
1pc. (P055) - SW Beam 2336.8mm (92") FSC



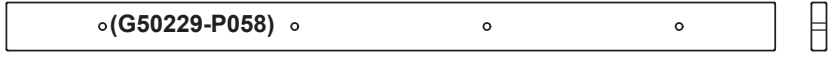
2pc. (P056) - A-Frame Leg 2336.8mm (92") FSC



2pc. (P057) - A-Frame Support 1244.6mm (49") FSC



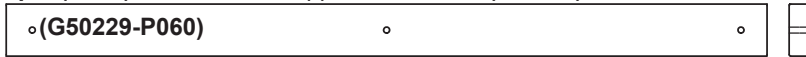
1pc. (P058) - A-Frame Support Joiner 1219.2mm (48") FSC



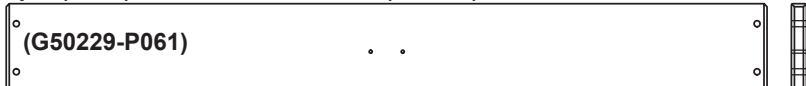
1pc. (P059) - SW Ground 2184.4mm (86") FSC



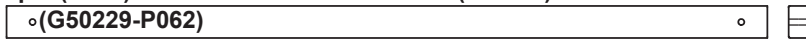
1pc. (P060) - Front Floor Support 1206.5mm (47-1/2") FSC



2pc. (P061) - Floor End 1206.5mm (47-1/2") FSC



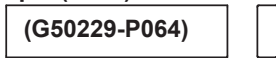
1pc. (P062) - Bottom Transom 1206.5mm (47-1/2") FSC



4pc. (P063) - Front Post Block 223mm (8-3/4") FSC



2pc. (P064) - Back Post Block 350.8mm (13-13/16") FSC

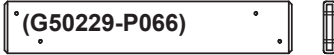


2pc. (P065) - Back Wall Board 889mm (35") FSC

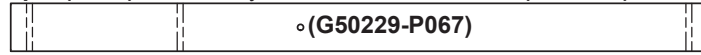


Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

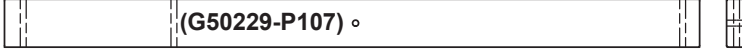
5pc. (P066) - Sky Loft Step 457.2mm (18") FSC



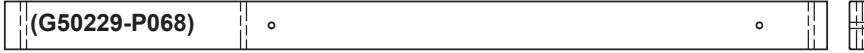
1pc. (P067) - Short Sky Loft Post LT 1106.3mm (43-9/16") FSC



1pc. (P107) - Short Sky Loft Post RT 1106.3mm (43-9/16") FSC



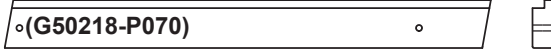
2pc. (P068) - Sky Loft Post 1308.8mm (51-1/2") FSC



2pc. (P069) - Sky Loft Access Side 838.3mm (33") FSC



1pc. (P070) - Sky Loft Roof Side RT 773.4mm (30-7/16") FSC



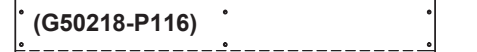
1pc. (P071) - Sky Loft Roof Side LT 773.4mm (30-7/16") FSC



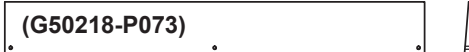
2pc. (P072) - Sky Loft Fascia 696.8mm (27-7/16") FSC



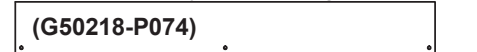
1pc. (P116) - Sky Loft Roofing Top 668mm (26-5/16") FSC



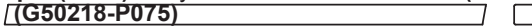
7pc. (P073) - Sky Loft Roofing 668mm (26-5/16") FSC



1pc. (P074) - Sky Loft Roofing Bottom 668mm (26-5/16") FSC



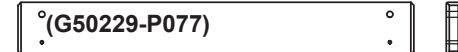
1pc. (P075) - Sky Loft Roof Joist 766.1mm (30-3/16") FSC
(G50218-P075)



2pc. (P076) - Sky Loft T/B Rail 658mm (25-15/16") FSC



1pc. (P077) - Sky Loft End Rail 630mm (24-13/16") FSC



11pc. (P078) - Sky Loft Wall Board 812.8mm (32") FSC



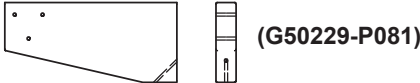
2pc. (P079) - Sky Loft Base 755mm (29-3/4") FSC



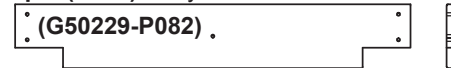
1pc. (P080) - Sky Loft End 630mm (24-13/16") FSC



2pc. (P081) - Sky Loft Gusset 273.7mm (10-3/4") FSC



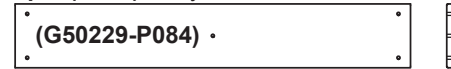
1pc. (P082) - Sky Loft Floor Board A 629mm (24-3/4") FSC



2pc. (P083) - Sky Loft Joist 656.4mm (25-13/16") FSC



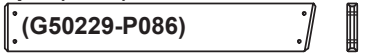
6pc. (P084) - Sky Loft Floor Board B 629mm (24-3/4") FSC



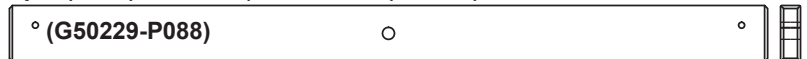
1pc. (P085) - Loft Board A 520.7mm (20-1/2") FSC



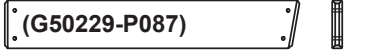
1pc. (P086) - Loft Board B 495.3mm (19-1/2") FSC



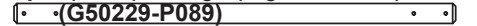
1pc. (P088) - Back Top 1206.5mm (47-1/2") FSC



1pc. (P087) - Loft Board C 469.9mm (18-1/2") FSC



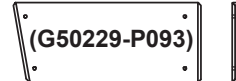
2pc. (P089) - Long Upright 703mm (27-11/16") FSC



1pc. (P090) - Transom Board A 209.9mm (8-1/4") FSC



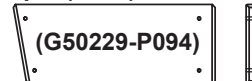
1pc. (P093) - Transom Board D 299.3mm (11-3/4") FSC



1pc. (P091) - Transom Board B 232.6mm (9-3/16") FSC



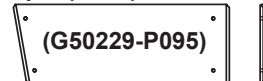
1pc. (P094) - Transom Board E 321.9mm (12-11/16") FSC



1pc. (P092) - Transom Board C 255.2mm (10-1/16") FSC



1pc. (P095) - Transom Board F 344.5mm (13-9/16") FSC



2pc. (P096) - Chalk Wall Board 644.6mm (25-3/8") FSC



2pc. (P097) - Chalk Wall Upright 720.7mm (28-3/8") FSC



Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

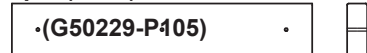
1pc. (P098) - Mid Chalk Wall Upright 838.2mm (33") FSC



2pc. (P099) - Gusset 304.8mm (12") FSC



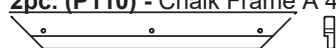
1pc. (P105) - Slide Block 476.1mm (18-3/4") FSC



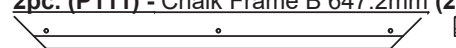
1pc. (P109) - Door Header 476.3mm (18-3/4") FSC



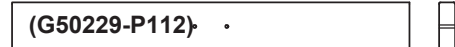
2pc. (P110) - Chalk Frame A 445.2mm (17-1/2") FSC
(G50229-P110)



2pc. (P111) - Chalk Frame B 647.2mm (25-1/2") FSC
(G50229-P111)



1pc. (P112) - Loft Access Brace 630mm (24-13/16") FSC



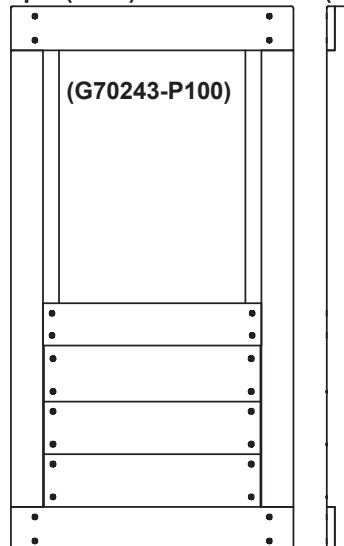
2pc. (P113) - Access Wall Board 812.8mm (32") FSC



1pc. (P117) - A Frame Mid Support 1360.3mm (53-9/16") FSC



1pc. (P100) - Door 863.5mm (34") FSC



Hardware Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

68pc. Wood Screw #8 x 1-1/8" (Y06018-514)



326pc. Wood Screw #8 x 1-1/2" (Y06018-512)



44pc. Wood Screw #8 x 1-3/4" (Y06018-513)



177pc. Wood Screw #8 x 2 1/4" - (Y06018-521)



6pc. Wood Screw #8 x 3" (Y06018-530)



8pc. Wood Screw #8 x 3 1/2" - (Y06018-532)



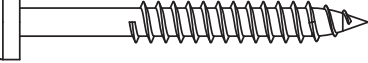
43pc. Wood Screw #7 x 3/4" (Y06018-003)



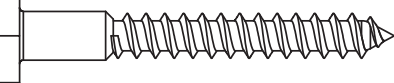
20pc. Pan Screw #8 x 1/2" (Y06418-502)



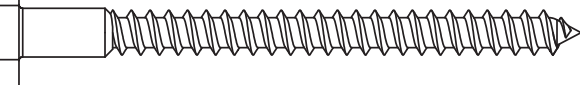
15pc. Pan Screw #12 x 2" - (Y06418-620)



1pc. Lag Screw 5/16 x 2" - (Y06218-920)



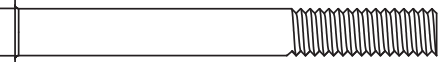
15pc. Lag Screw 5/16 x 3, 1/4" Shank - (Y06218-330)



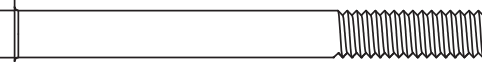
20pc. Hex Bolt 1/4 x 1-1/4" (Y07718-211)



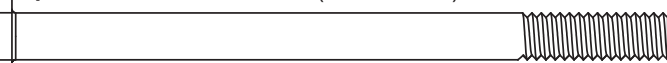
3pc. Hex Bolt 1/4 x 2-1/4" - (Y07718-221)



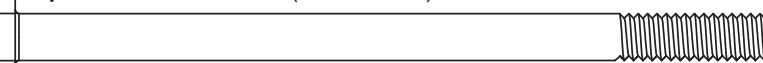
17pc. Hex Bolt 1/4 x 2-1/2" - (Y07718-222)



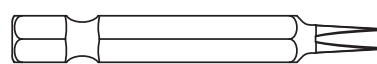
2pc. Hex Bolt 1/4 x 3-1/2" - (Y07718-232)



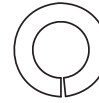
14pc. Hex Bolt 1/4 x 4" - (Y07718-240)



1pc. #2 x 2" Robertson Driver (Y00400-005)



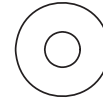
29pc. 5/16" Lock Washer (Y05318-300)



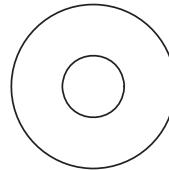
70pc. 1/4" Lock Washer (Y05318-200)



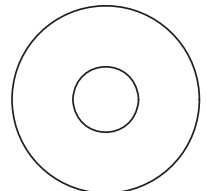
32pc. 3/16" Flat Washer (Y05118-101)



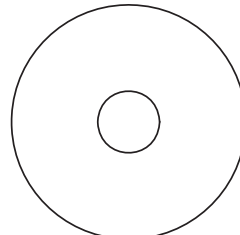
8pc. 5/16" Flat Washer (Y05118-203)



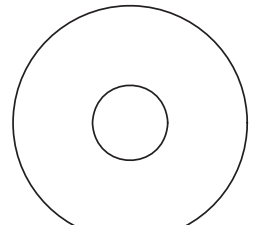
32pc. 3/8" Flat Washer (Y05118-801)



87pc. 1/4-5/16 x 1-1/4" Large Washer (Y05118-311)



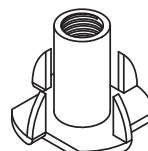
8pc. 3/8 x 1-1/4" Large Washer (Y05118-811)



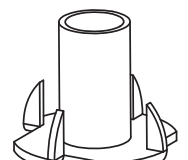
25pc. 3/8" Lock Nut (Y08318-803)



70pc. 1/4 - T-Nut (Y08518-200)



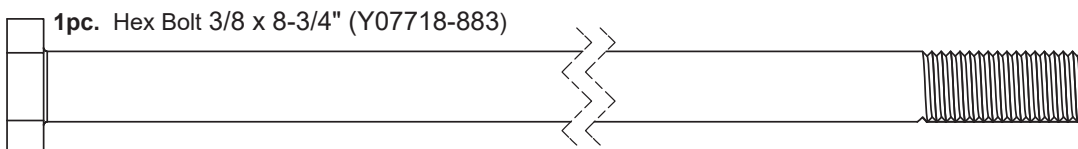
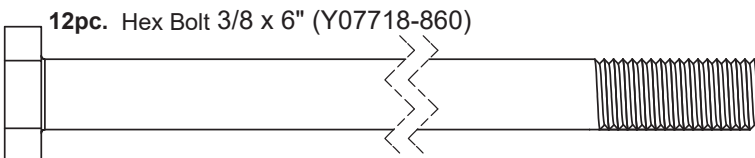
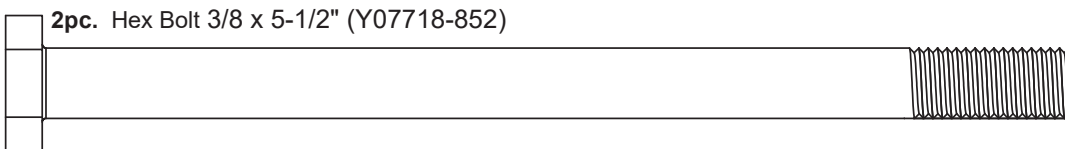
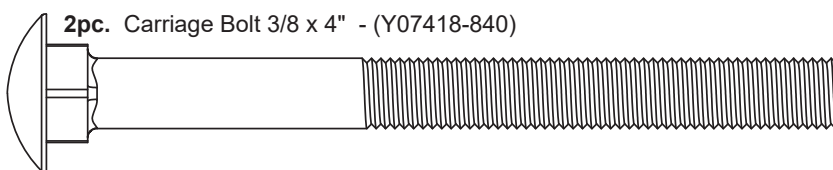
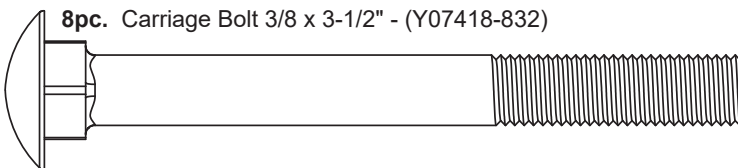
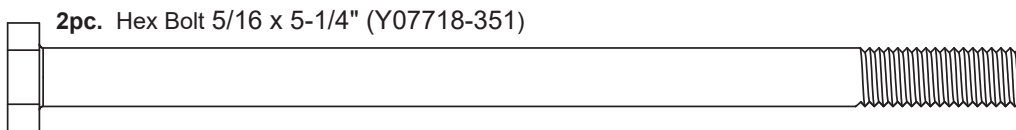
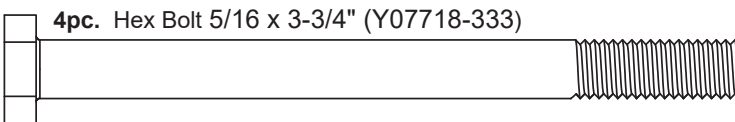
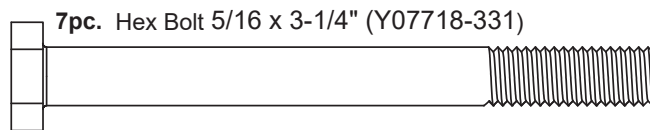
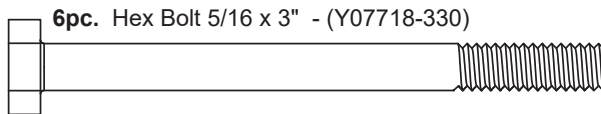
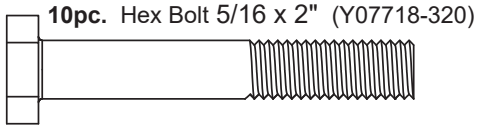
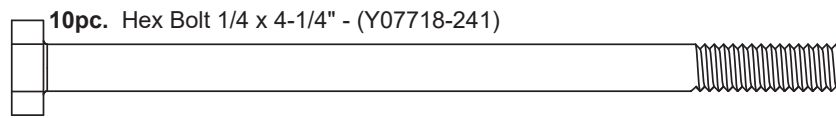
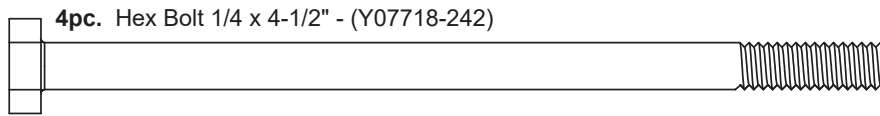
29pc. 5/16 - T-Nut (Y08518-300)



1pc. - 1/8" Drill Bit (Y00400-002)

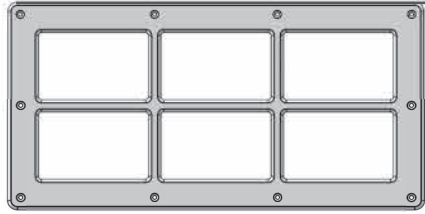


Hardware Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)



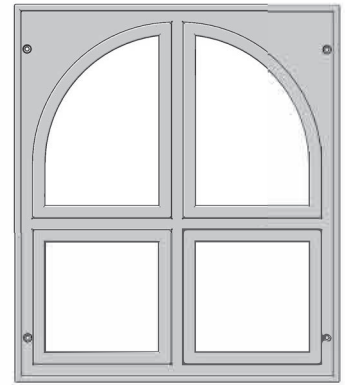
Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

1pc. Square Window Pane - Black (4pk)



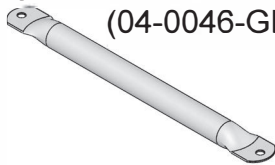
(PF 2990-BK)

1pc. Plastic Dormer Window - Black



(07-0029-BK)

1pc. Acro Bar - Grey (04-0046-GR)



1pc. ASTM Warning Plate (11-5050-FR)



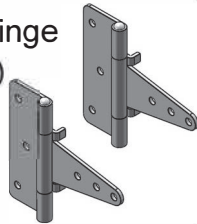
1pc. ASTM Warning Plate (11-5050-EN/SP)



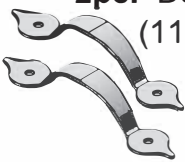
1pc. Chain 19in - Grey (08-1008-GR-2PK)



2pc. Door Hinge (11-5046-BK-B)



2pc. Door Handle (11-5046-BK-A)



1pc. Catch Plate (Y00400-782)



1pc. Magnetic Catch (FS2914-BK)

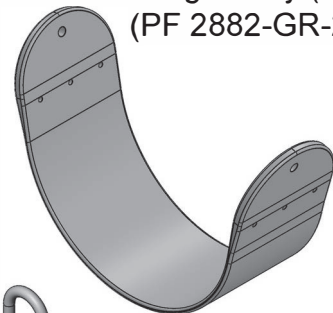


1pc. Door Handle Set - Black (11-5046-BK)

2pc. Acro Handle - Grey (04-0045-GR)

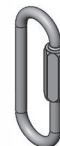


1pc. Belt Swing - Grey (2pk) (PF 2882-GR-2PK)



(FS 2787-Z-12PK)

1pc. Threaded Quick Link (12pk)



1pc. Rocks Black/Grey (10pk) (07-0050-BK/GR-10PK)



1pc. Chalk Board - Black

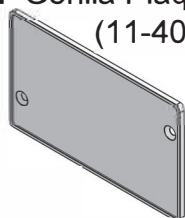


(07-0018-1)

1pc. Playset ID Plaque (11-4029)



1pc. Gorilla Plaque (11-4018)



(07-0005-GR-2PK)

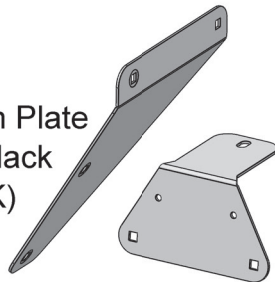
2pc. Safety Handles - Grey (2pk)

1pc. Chain 50in - Grey (08-1009-GR-4PK)

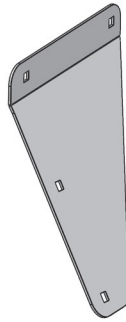


Part Identification (Dimensions are approximate and are shown to assist in the identification of parts for assembly. Actual dimensions may be smaller or larger.)

1pc. Post SW Beam Plate
Left MM-2448 - Black
(11-5019-BK)

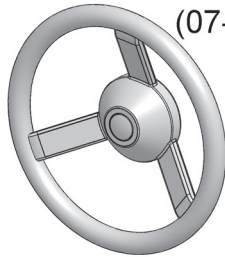


1pc. Post SW Beam Plate
Right MM-2447 - Black
(11-5020-BK)

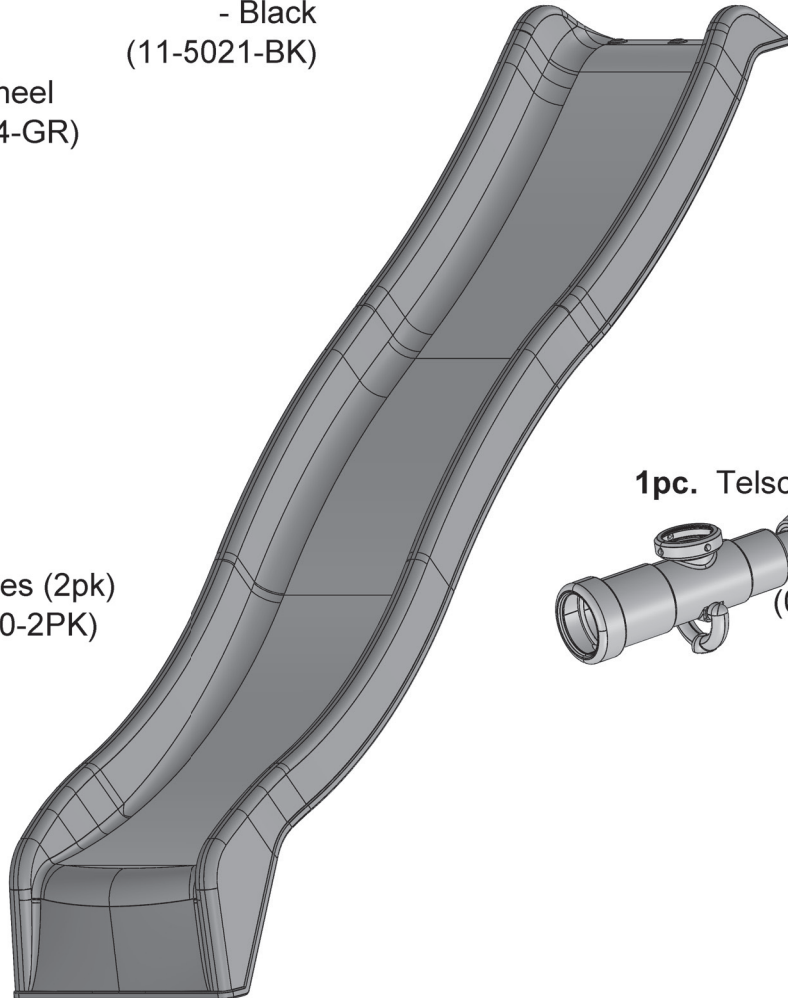


1pc. Post
Swing Beam
under Bracket
- Black
(11-5021-BK)

1pc. Steering Wheel
(07-0004-GR)



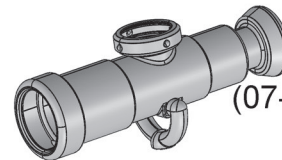
1pc. Wave Slide (48" Deck)
(03-0032-GR)



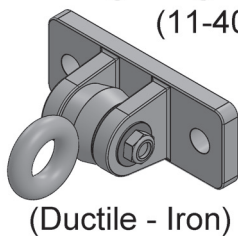
3pc. Anchor Stake
with Spikes (2pk)
(11-5110-2PK)



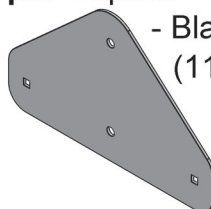
1pc. Telescope w Compass
Grey/Black
(07-0040-BK/GR)



6pc. Swing Hanger - Black
(11-4012-BK)

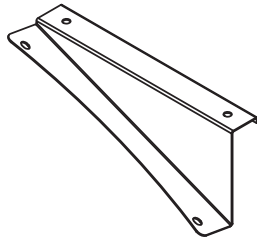


1pc. Triplate
- Black
(11-5025-BK)

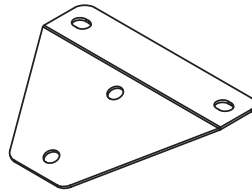


TURBO SLIDE COMPONENTS

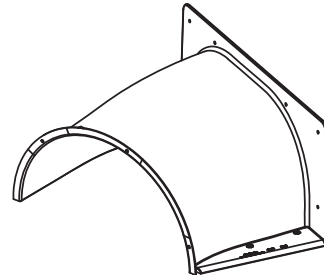
1pc. Slide Mount Bracket
(11-5030 BK)



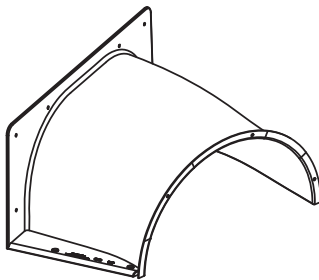
1pc. Exit Support Bracket
(11-5031 BK)



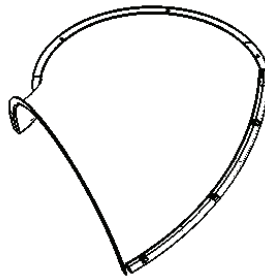
1pc. Entrance Section - Right Side
(03-0040 GR)



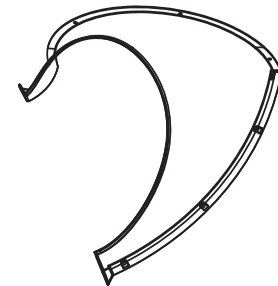
1pc. Entrance Section - Left Side
(03-0041 GR)



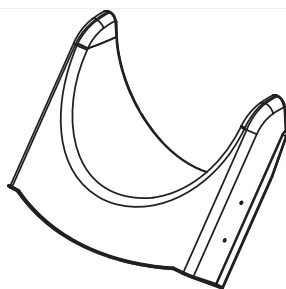
9pc. Elbow Section
(03-0042 GR)



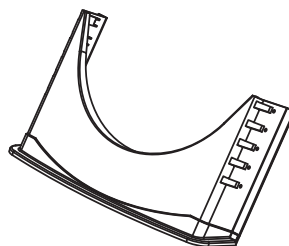
1pc. Exit Elbow Section
(03-0043 GR)



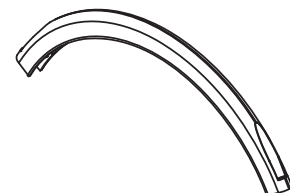
1pc. Exit Section
(03-0044 GR)



1pc. Exit Base
(03-0045 GR)



15pc. Clamp Ring Section
(03-0046 GR)



TURBO SLIDE HARDWARE

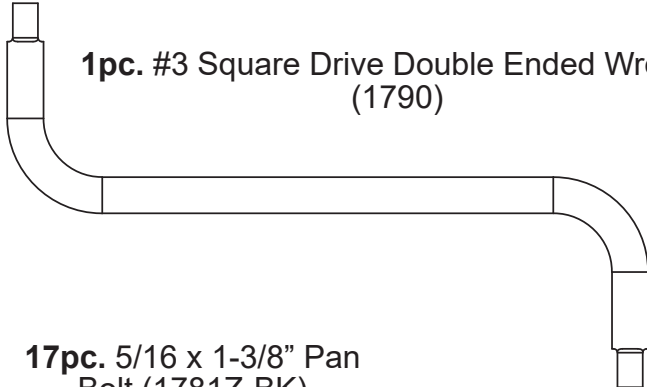
1pc. #3 Square Drive Double Ended Bit
(1791)



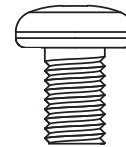
1pc. #2 Square Drive Bit
(FS 2824)



1pc. #3 Square Drive Double Ended Wrench
(1790)



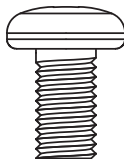
46pc. 5/16 x 1/2" Pan Bolt
(1784Z-BK)



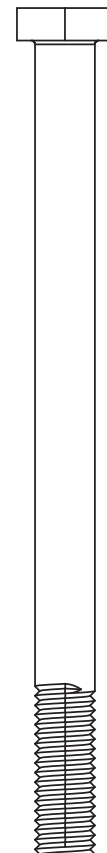
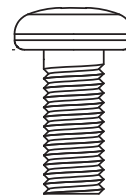
17pc. 5/16 x 1-3/8" Pan Bolt
(1781Z-BK)



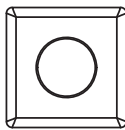
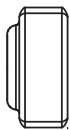
42pc. 5/16 x 9/16" Pan Bolt
(1783Z-BK)



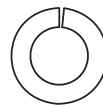
2pc. 5/16 x 3/4" Pan Bolt
(1782Z-BK)



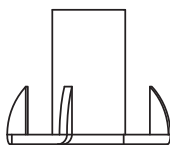
42pc. 5/16" Square Lock Nut
(1785Z-BK)



1pc. 5/16" Lock Washer
(1332Z-BK)



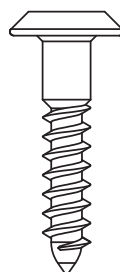
1pc. 5/16" T-Nut (1381Z-BK)



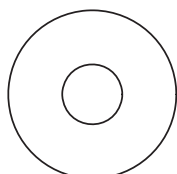
8pc. #8 x 2-1/4" Wood Screw
(1723Z-BK)



20pc. 1/4 x 1-1/4" Wafer Head Lag Screw
(1786Z-BK)

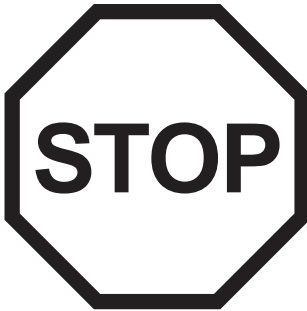
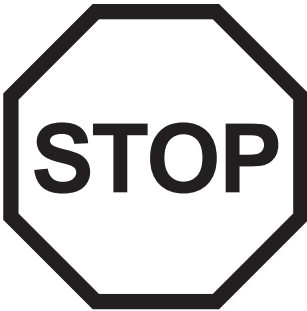
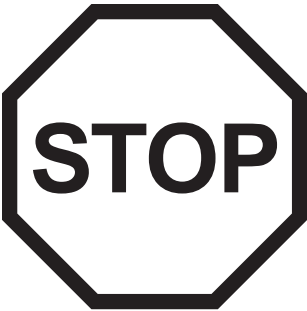


1pc. 5/16" Washer
(1336Z-BK)



1pc. 5/16 x 4-1/4" Hex Bolt
(1733Z-BK)

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.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.
- B. If there are any missing or damaged pieces or you need assistance with assembly please contact the consumer relations department directly. Contact us before going back to the store.

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- C. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 2 - 16.
- Follow the instructions in order.
 - This structure is designed to be assembled and installed ideally by three people, DO NOT attempt to install alone.
 - Consider the slope of elevation where you plan to install the structure. Also, check for gas, telephone, other utilities or sprinkler line locations prior to excavating any holes.
- D. Before you discard your cartons fill out the form below.
- 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.

PRODUCT NUMBER: **GM52000**

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

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

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

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

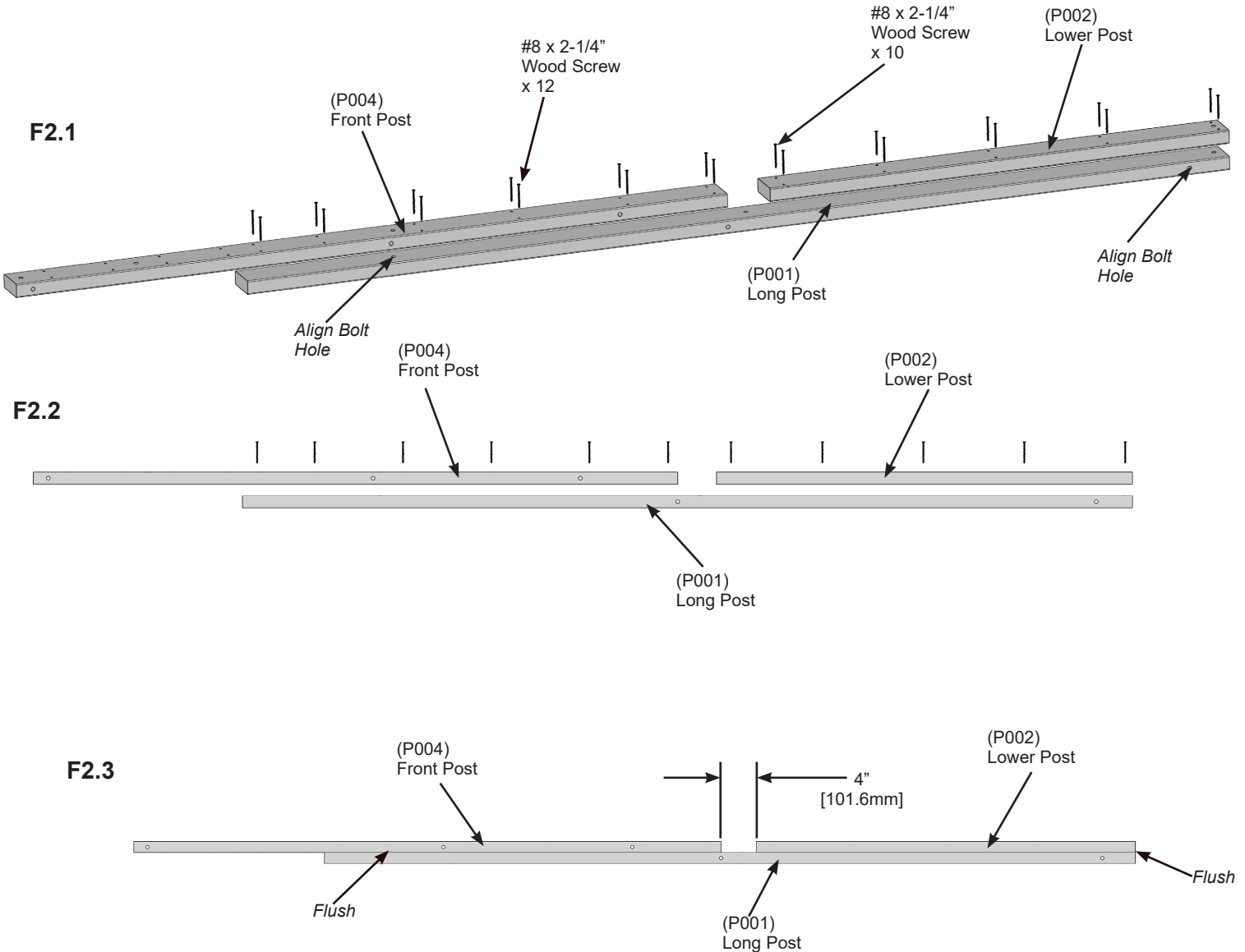
Step 2: Front Post Assemblies



A: Lay one (P001) Long Post on a flat surface, taking note of hole orientation. Place one (P002) Lower Post on (P001) Long Post making sure that it's flush to the end with the bolt hole and the holes are aligned. Attach Posts with 10 #8 x 2-1/4" Wood Screws. (F2.1, F2.2 and F2.3)

B: Measure 4" [101.6mm] from the inside end of (P002) Lower Post and place 1 (P004) Front Post, making sure the bolt holes are aligned. Attach Posts with 12 #8 x 2 1/4" Wood Screws. (F2.1, F2.2 and F2.3)

C: Repeat Steps A and B to make a second Front Post Assembly.



Wood Parts

- 2 x (P001) Long Post
- 2 x (P002) Lower Post
- 2 x (P004) Front Post

Hardware

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

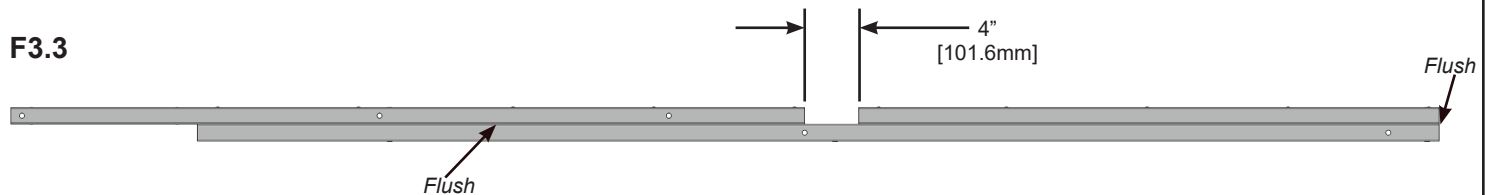
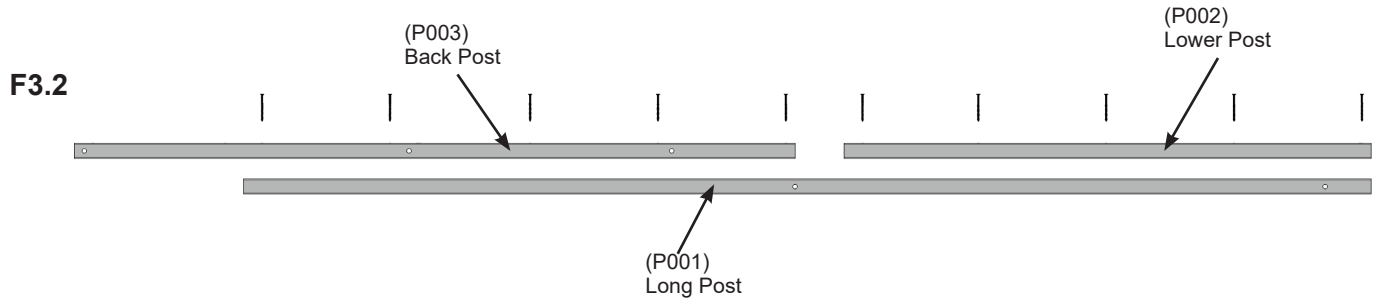
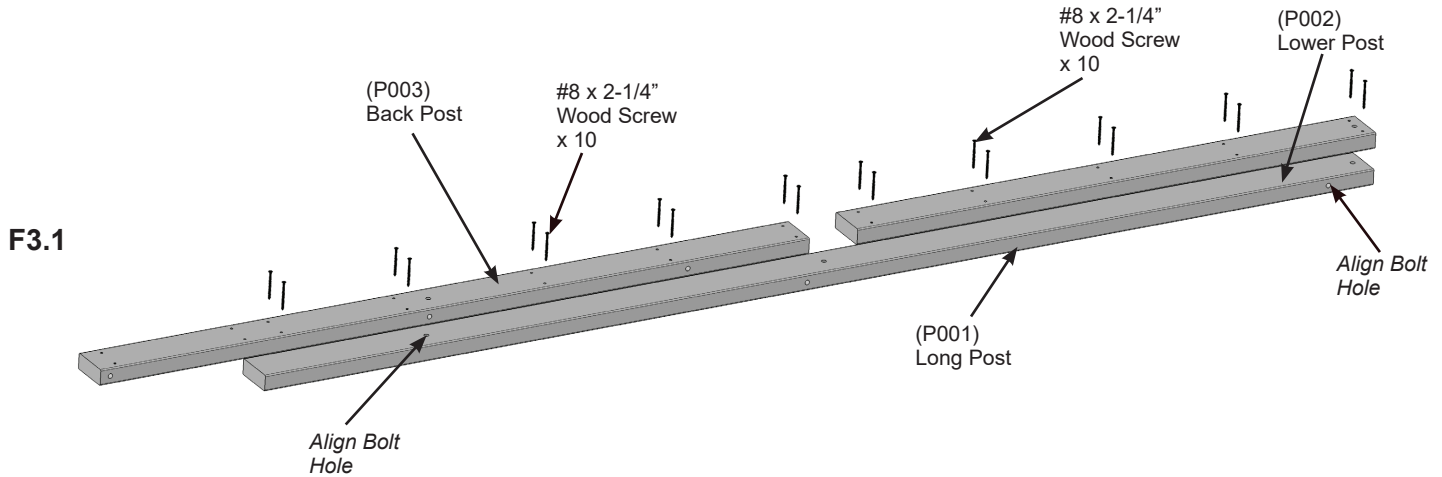
Step 3: Back Post Assemblies



A: Lay one (P001) Long Post on a flat surface, taking note of hole orientation. Place one (P002) Lower Post on (P001) Long Post making sure that it's flush to the end with the bolt hole and the holes are aligned. Attach Posts with 10 #8 x 2-1/4" Wood Screws. (F3.1, F3.2 and F3.3)

B: Measure 4" [101.6mm] from the inside end of (P002) Lower Post and place 1 (P003) Back Post, making sure the bolt holes are aligned. Attach Posts with 10 #8 x 2-1/4" Wood Screws. (F3.1, F3.2 and F3.3)

C: Repeat Steps A and B to make a second Back Post Assembly.



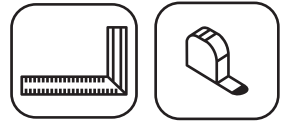
Wood Parts

- 2 x (P001) Long Post
- 2 x (P002) Lower Post
- 2 x (P003) Back Post

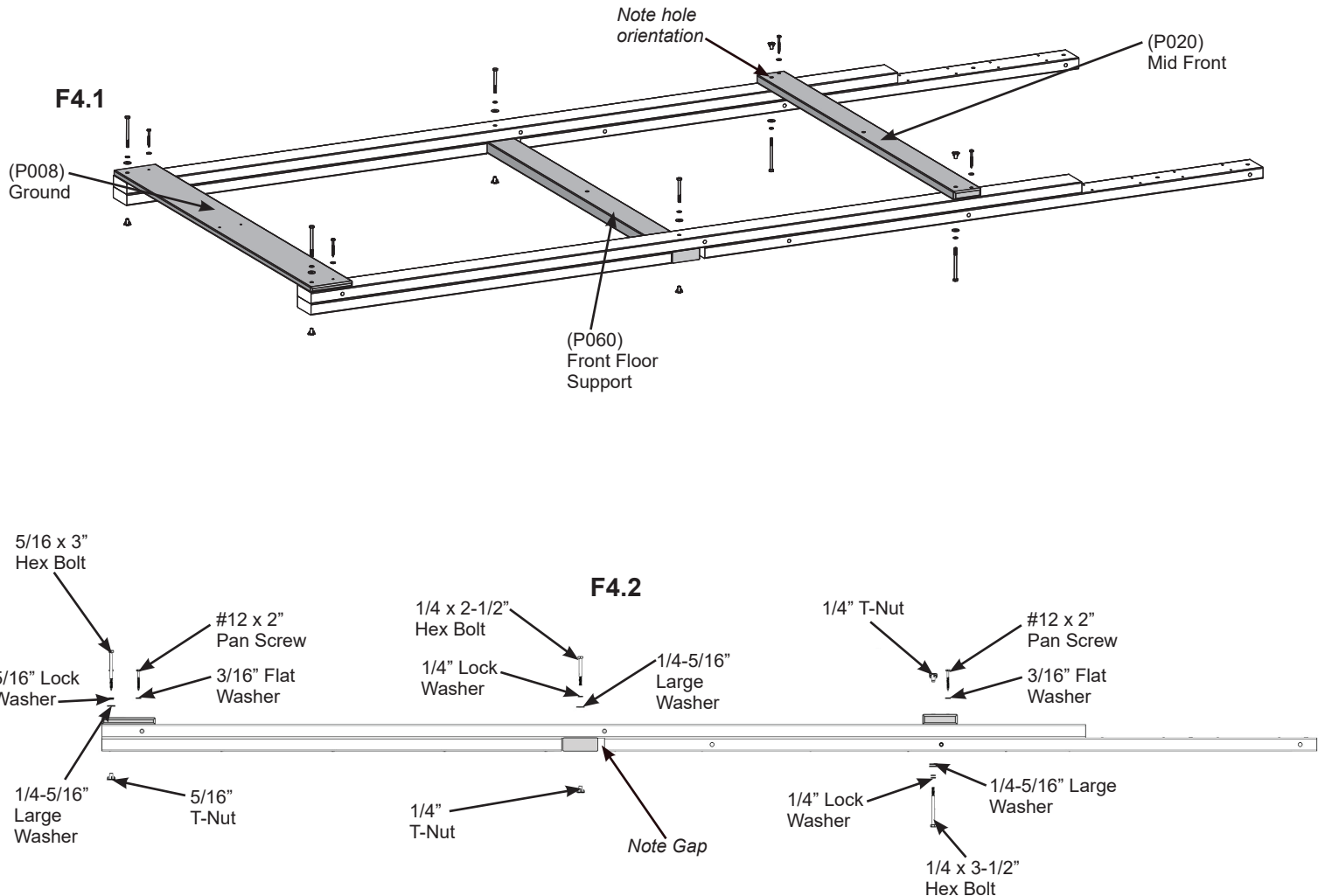
Hardware

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

Step 4: Front Wall Assembly Part 1



- A:** Place each Front Post Assembly so the 4" [101.6mm] opening is on the underside, then place one (P008) Ground across the bottom of the assembly, loosely attach using two 5/16 x 3" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut). (F4.1 and F4.2)
- B:** Place (P060) Front Floor Support, so each end fits into the notches, loosely attach using two 1/4 x 2-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F4.1 and F4.2)
- C:** Place (P020) Mid Front so holes are aligned, loosely attach from underneath using two 1/4 x 3-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F4.1 and F4.2)
- D:** Make sure assembly is square then install four #12 x 2" Pan Screws (with 3/16" flat washer). (F4.1 and F4.2)
- E:** Tighten all bolts.



Wood Parts

- 1 x (P008) Ground
- 1 x (P060) Front Floor Support
- 1 x (P020) Mid Front

- 2 x 5/16 x 3" Hex Bolt
(with 5/16" lock washer, 1/4 - 5/16" large washer, 5/16" t-nut)

Hardware

- 4 x #12 x 2" Pan Screw (with 3/16" flat washer)
- 2 x 1/4 x 3-1/2" Hex Bolt
(with 1/4" lock washer, 1/4 - 5/16" large washer, 1/4" t-nut)
- 2 x 1/4 x 2-1/2" Hex Bolt
(with 1/4" lock washer, 1/4 - 5/16" large washer, 1/4" t-nut)

Step 4: Front Wall Assembly Part 2

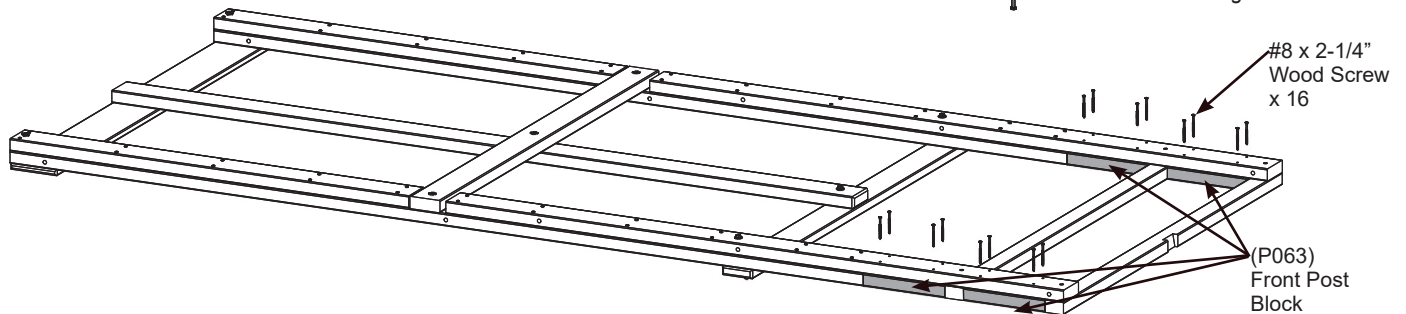
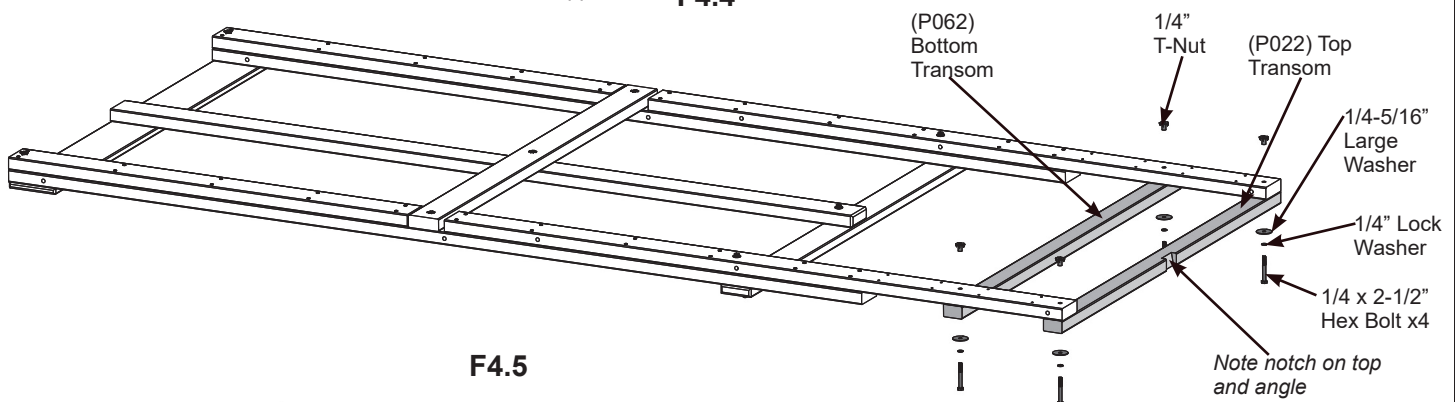
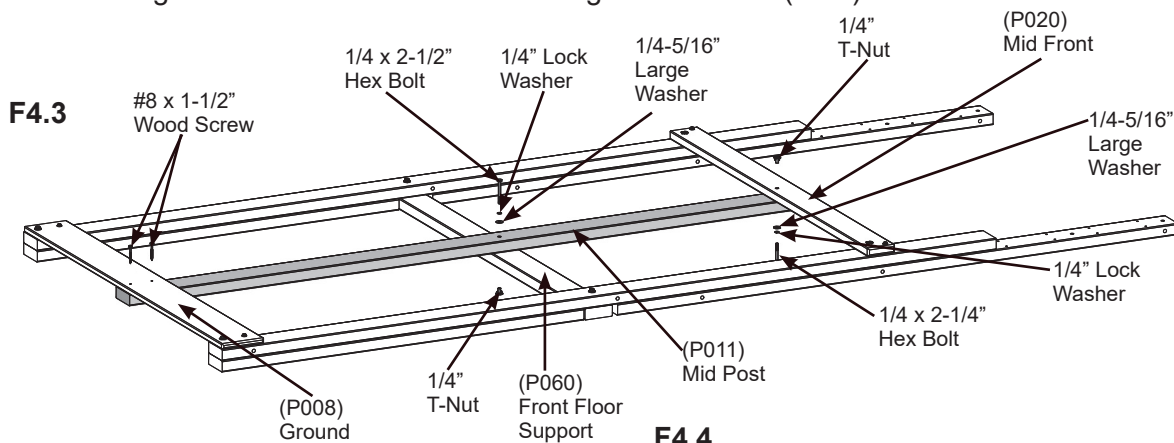
F: Attach (P011) Mid Post to (P060) Front Floor Support with one 1/4 x 2-1/2" Hex Bolt (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut) and (P020) Mid Front with one 1/4 x 2-1/4" Hex Bolt (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F4.3)

G: Attach (P011) Mid Post to (P008) Ground using two #8 x 1-1/2" Wood Screws. (F4.3)

H: Loosely attach (P062) Bottom Transom using two 1/4 x 2-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F4.4)

I: Loosely attach (P022) Top Transom with the notchout on top and the angle facing downwards using two 1/4 x 2-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F4.4)

J: Place four (P063) Front Post Blocks as shown in F4.5, ensuring the (P022) Top Transom is flush to the top of Posts. Attach using 16 #8 x 2-1/4" Wood Screws. Tighten all bolts. (F4.5)



Wood Parts

- 1 x (P022) Top Transom
- 1 x (P062) Bottom Transom
- 4 x (P063) Front Post Block
- 1 x (P011) Mid Post

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

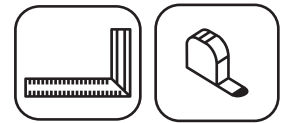
Hardware

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

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

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

Step 5: Back Wall Assembly



A: Place Back Post Assemblies so the 4" [101.6mm] opening is on the underside, then place one (P008) Ground across the bottom of the assemblies so that each end is flush. Loosely attach using two 5/16 x 3" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut). (F5.1 and F5.2)

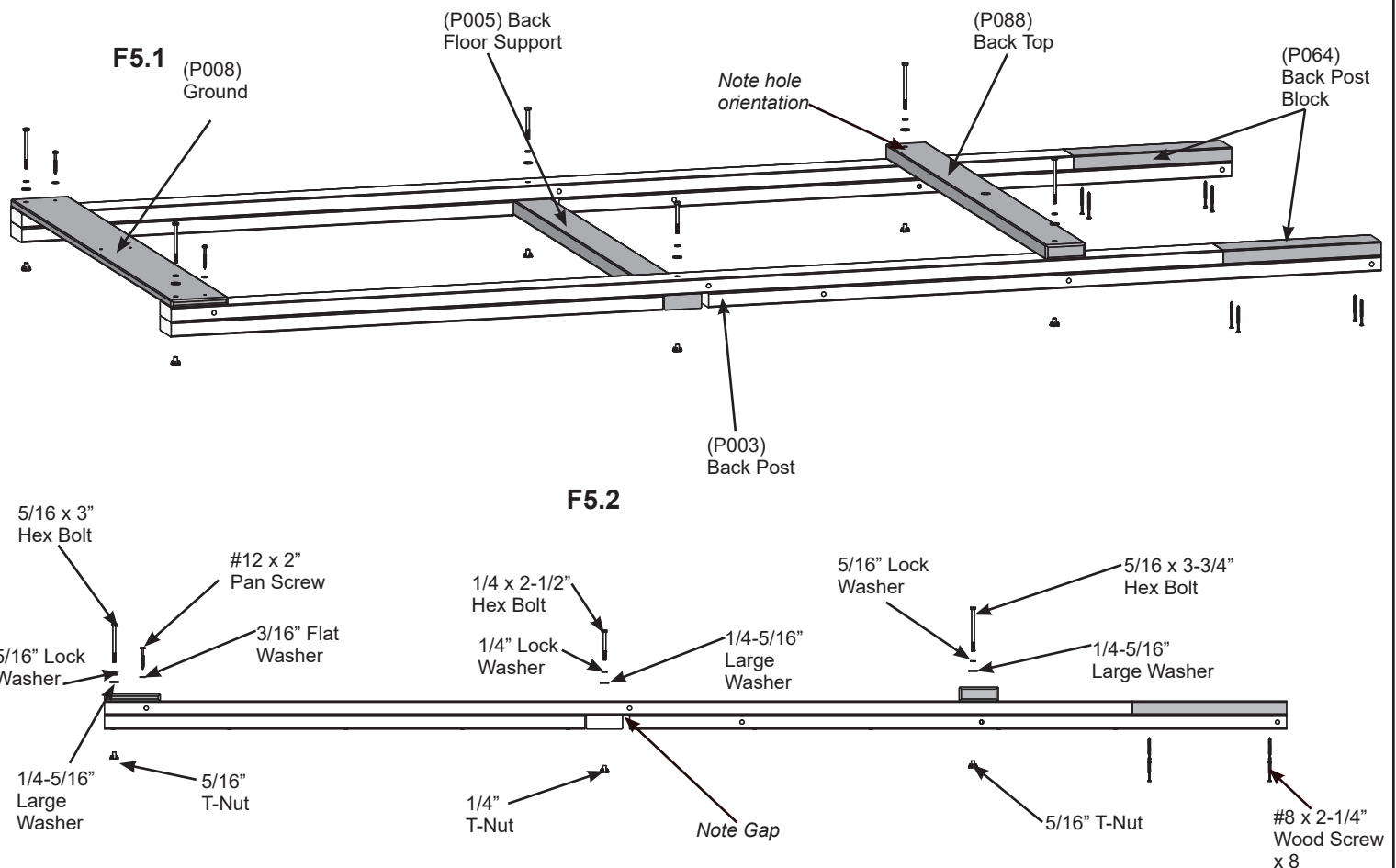
B: Place (P005) Back Floor Support so that each end fits into the notches of the assembly. Loosely attach using two 1/4 x 2-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F5.1 and F5.2)

C: Place (P088) Back Top across the top of the assembly note hole orientation. Then loosely attach using two 5/16 x 3-3/4" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut). (F5.1 and F5.2)

D: Check to make sure assembly is square, then install two #12 x 2" Pan Screws (with 3/16" flat washer). (F5.1 and F5.2)

E: Tighten all Bolts.

F: Attach (P064) Back Post Block to each Post Assembly using four #8 x 2-1/4" Wood Screws per block. (F5.1 and F5.2)



Wood Parts

- 1 x (P008) Ground
- 1 x (P005) Back Floor Support
- 1 x (P088) Back Top
- 2 x (P064) Back Post Block

- 2 x 5/16 x 3-3/4" Hex Bolt
(with 5/16" lock washer, 1/4 - 5/16" large washer, 5/16" t-nut)
- 8 x #8 x 2-1/4" Wood Screw

Hardware

- 2 x 1/4 x 2-1/2" Hex Bolt
(with 1/4" lock washer, 1/4 - 5/16" large washer, 1/4" t-nut)
- 2 x 5/16 x 3" Hex Bolt
(with 5/16" lock washer, 1/4 - 5/16" large washer, 5/16" t-nut)
- 2 x #12 x 2" Pan Screw (with 3/16" flat washer)

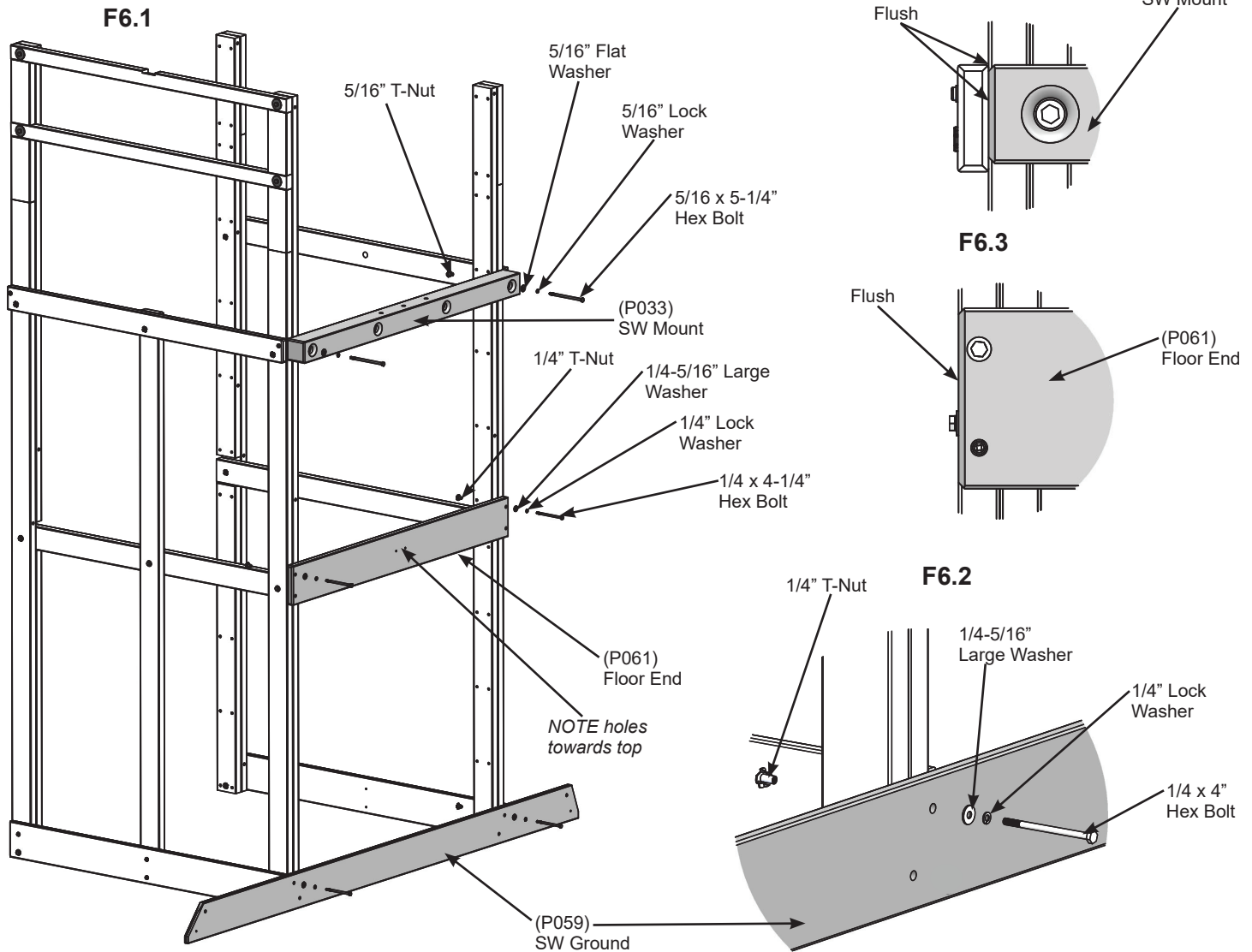
Step 6: Swing Wall Assembly Part 1



A: With at least one helper, stand the assemblies so the Front Wall Assembly is on the left and the Back Wall Assembly is on the right, making sure (P001) Long Posts are facing the outside. Place (P059) SW Ground along the bottom of the Wall Assemblies, the end with the sharper angle should be to the left. Align the center bolt holes with the posts and loosely attach with two 1/4 x 4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F6.1 and F6.2)

B: Place (P061) Floor End across the center of the assembly taking note of the hole orientation. Align the bolt holes then loosely attach using two 1/4 x 4-1/4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F6.1 and F6.3)

C: Place (P033) SW Mount across the assembly as shown in F6.1, making sure the counter sunk holes are on the outside. Loosely attach using two 5/16 x 5-1/4" Hex Bolts (with 5/16" lock washer, 5/16" flat washer and 5/16" t-nut). (F6.1 and F6.4)



Wood Parts

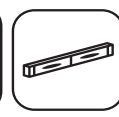
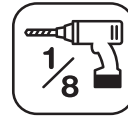
- 1 x (P059) SW Ground
- 1 x (P061) Floor End
- 1 x (P033) SW Mount

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

Hardware

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

Step 6: Swing Wall Assembly Part 2



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

D: At the left end of the (P059) SW Ground, position (P017) Diagonal behind SW Ground with the countersunk hole at the top. Loosely attach to (P059) SW Ground with one 5/16 x 2" Hex Bolt (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut). (F6.5 and 6.6)

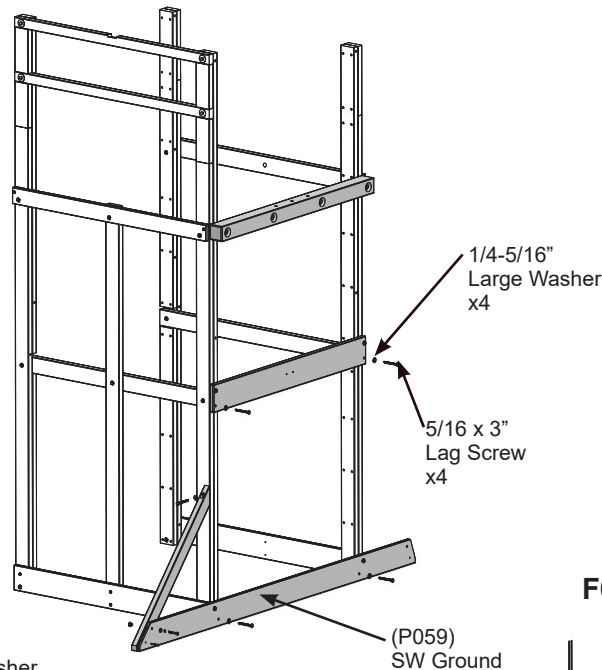
E: Check to ensure the assembly is level and square, then tighten all bolts.

F: In the two bottom holes on (P059) SW Ground and (P061) Floor End, install two 5/16 x 3" Lag Screws (with 1/4-5/16 large washer) per board (F6.6)

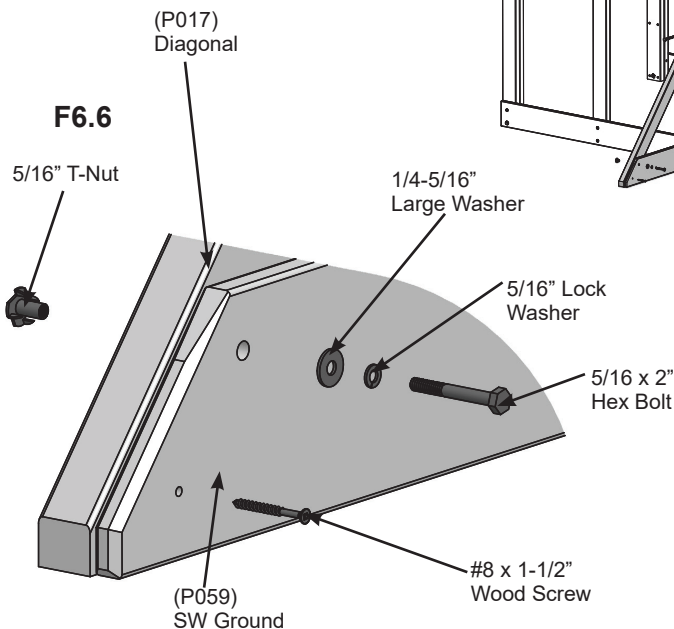
G: Install one #8 x 1-1/2" Wood Screw into (P059) SW Ground. (F6.5 and F6.6)

H: Check to make sure (P017) Diagonal is tight to the Front Wall Assembly and flush to the outside edge, then pre-drill and install one 5/16 x 3" Lag Screw (with 5/16" flat washer). (F6.5 and F6.7)

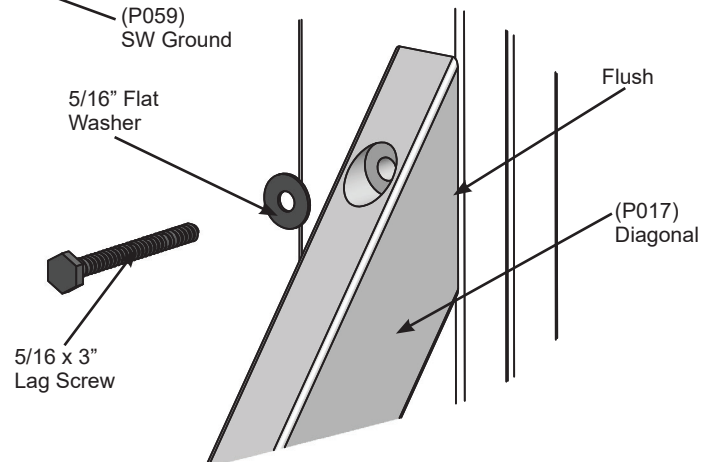
F6.5



F6.6



F6.7



Wood Parts

1 x (P017) Diagonal

4 x 5/16 x 3" Lag Screw (with 1/4-5/16" large washer)

Hardware

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

1 x 5/16 x 3" Lag Screw (with 5/16" flat washer)

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

Step 7: Turbo SL Wall Assembly



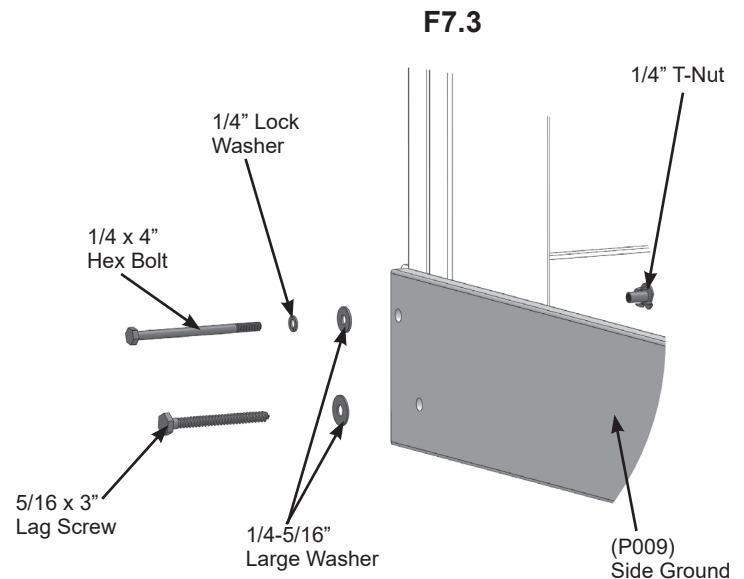
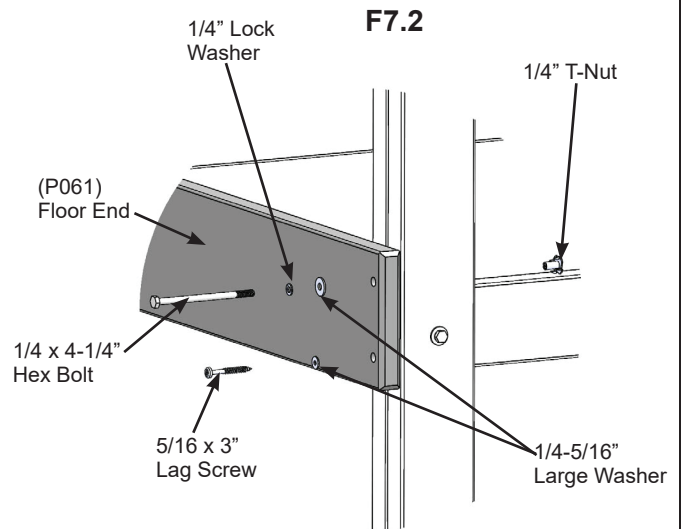
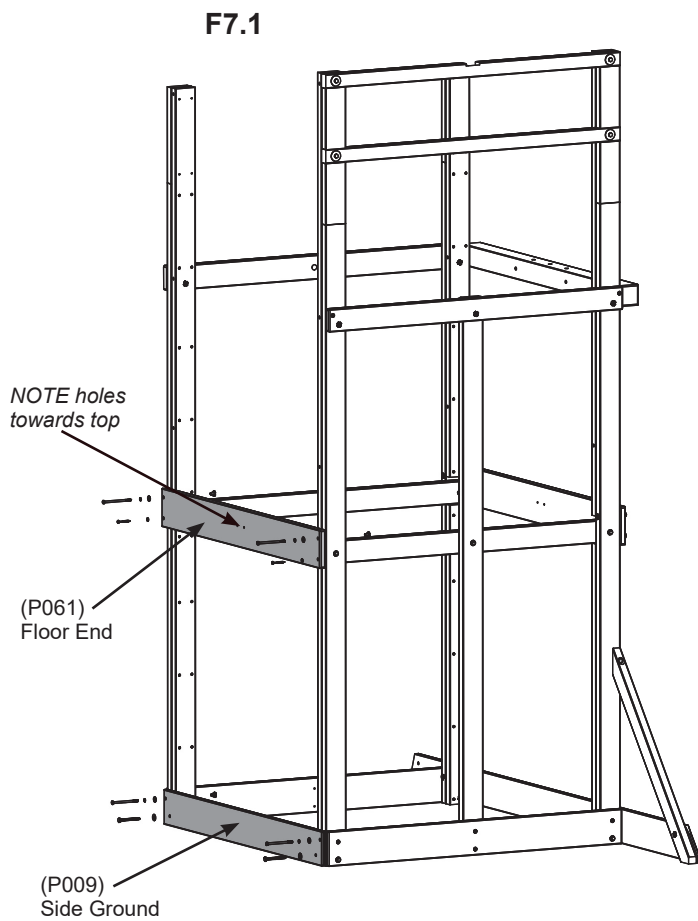
Note: Pre-drill all pilot holes using a 1/8" drill bit before installing Lag Screw.

A: Place (P009) Side Ground along the bottom and install two 1/4 x 4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F7.1 and F7.3)

B: Place (P061) Floor End across the center of the assembly taking note of hole orientation. Align the bolt holes then loosely attached using two 1/4 x 4-1/4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F7.1 and F7.2)

C: Make sure unit is square then install two 5/16 x 3" Lag Screws (with 1/4-5/16" large washer) into both (P009) Side Ground and (P061) Floor End. (F7.1, F7.2 and F7.3)

D: Tighten Bolts.



Wood Parts

- 1 x (P009) Side Ground
- 1 x (P061) Floor End

Hardware

- 2 x 1/4 x 4-1/4" Hex Bolt (with 1/4" lock washer, 1/4 - 5/16" large washer, 1/4" t-nut)
- 2 x 1/4 x 4" Hex Bolt (with 1/4" lock washer, 1/4 - 5/16" large washer, 1/4" t-nut)
- 4 x 5/16 x 3" Lag Screw (with 1/4 - 5/16" large washer)

Step 8: Install Gussets

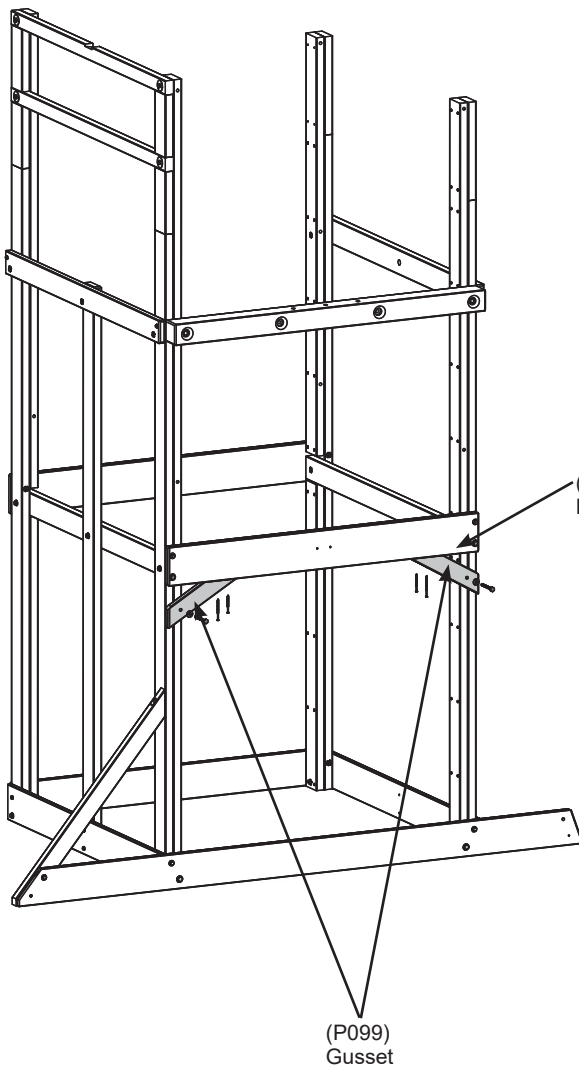


Note: Pre-drill all pilot holes using a 1/8" drill bit before installing Lag Screw.

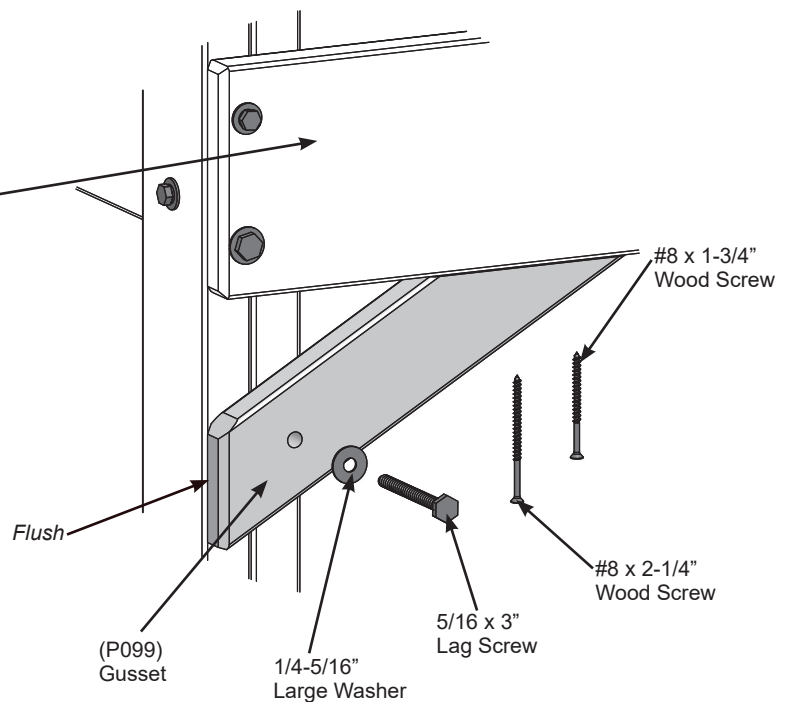
A: On each side of the SW Wall, position one (P099) Gusset as shown in F8.1, making sure it's flush with the edge of the posts. Attach (P099) Gusset to (P061) Floor End with one #8 x 1-3/4" Wood Screw and one #8 x 2-1/4" Wood Screw per Gusset. (F8.1 and F8.2)

B: Install one 5/16 x 3" Lag Screw (with 1/4-5/16" large washer) per Gusset. (F8.1 and F8.2)

F8.1



F8.2



Wood Parts

2 x (P099) Gusset

Hardware

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

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

2 x 5/16 x 3" Lag Screw (with 1/4-5/16" large washer)

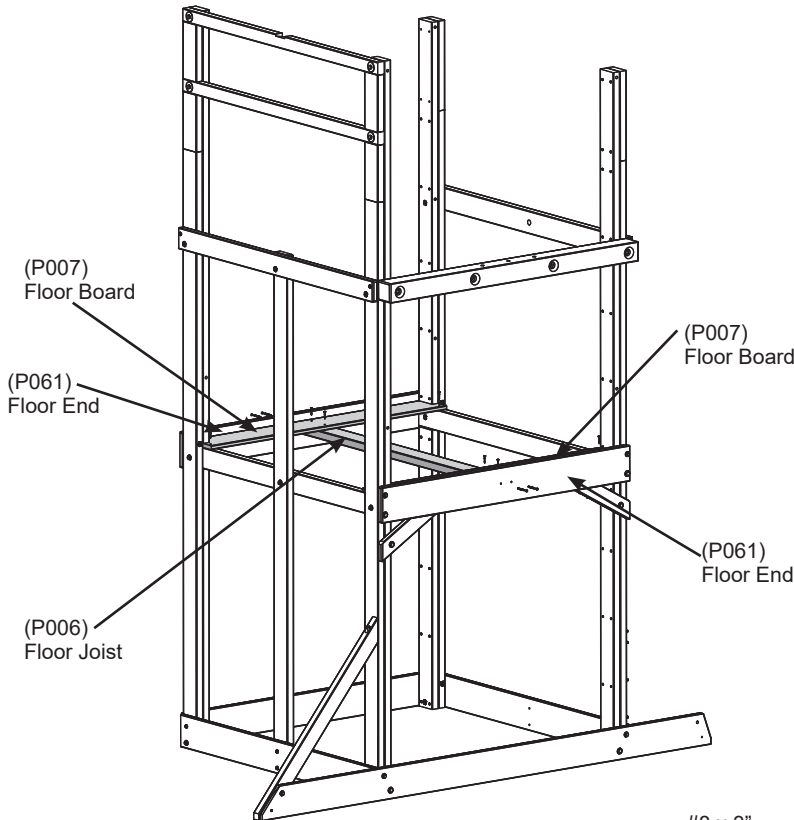
Step 9: Floor Assembly Part 1

A: On the Turbo SL Wall side, slide one (P007) Floor Board into the gaps, making sure that it's tight to (P061) Floor End. Attach each end of the floor board to the Floor Supports using one #8 x 1-1/2" Wood Screw per side. Repeat to install a second (P007) Floor Board on the Swing Wall side. (F9.1 and F9.2)

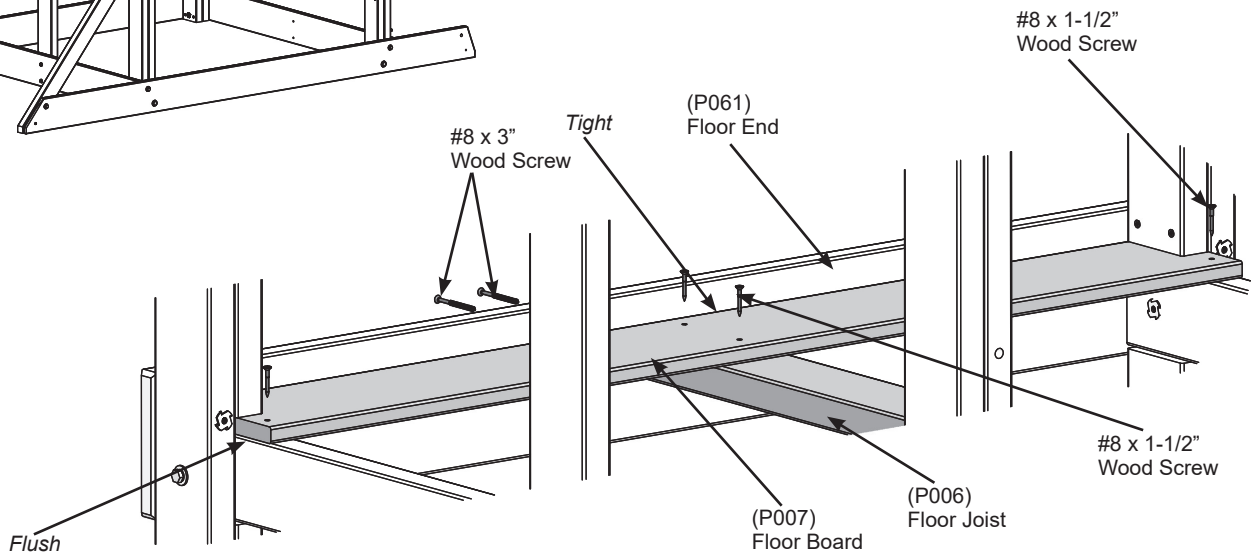
B: From inside the assembly, center (P006) Floor Joist over the pilot holes in the (P061) Floor Ends and tight to the (P007) Floor Boards. Attach from the outside using two #8 x 3" Wood Screws per side. (F9.1 and F9.2)

C: Attach (P007) Floor Boards to (P006) Joist using two #8 x 1-1/2" Wood Screws per board. (F9.1 and F9.2)

F9.1



F9.2



Wood Parts

- 2 x (P007) Floor Board
- 1 x (P006) Floor Joist

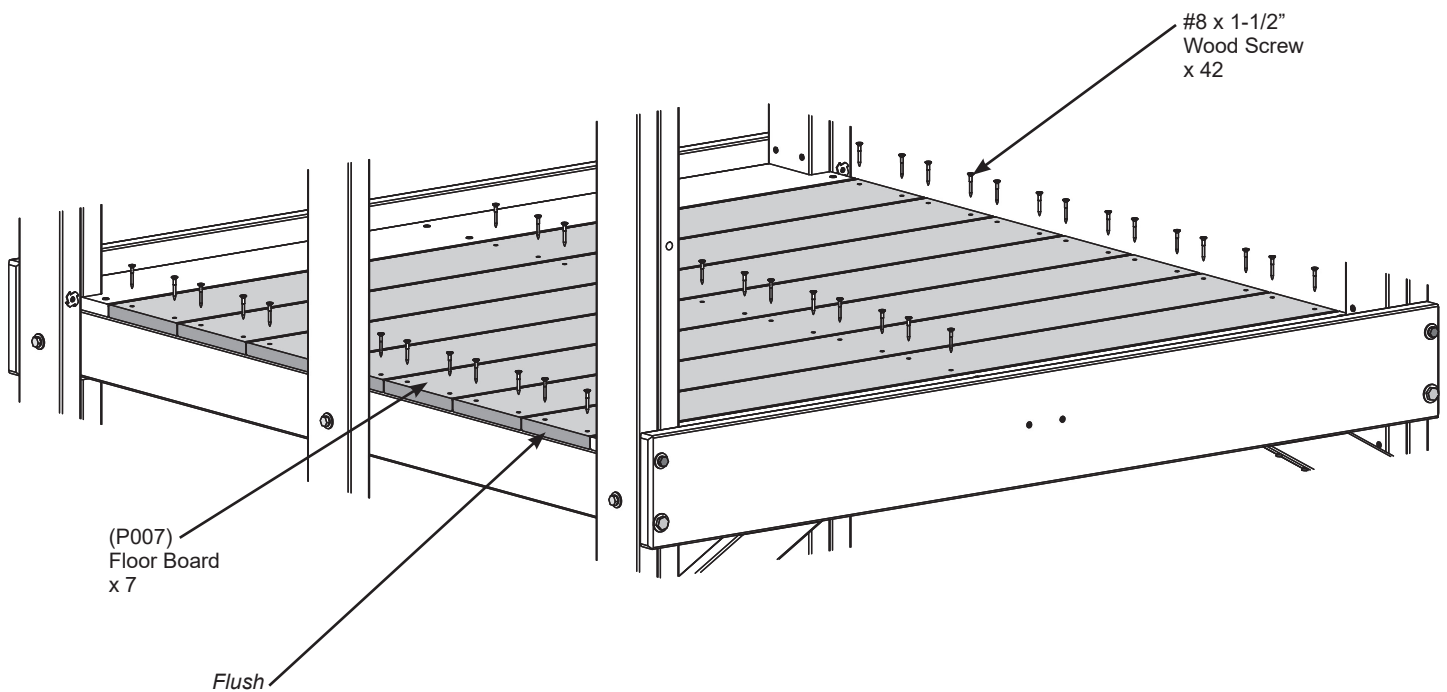
Hardware

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

Step 9: Floor Assembly Part 2

D: Evenly space the remaining seven (P007) Floor Boards and attach using six #8 x 1-1/2" Wood Screws per board. (F9.3)

F9.3



Wood Parts

7 x (P007) Floor Board

Hardware

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

Step 10: Large Roof Assembly Part 1



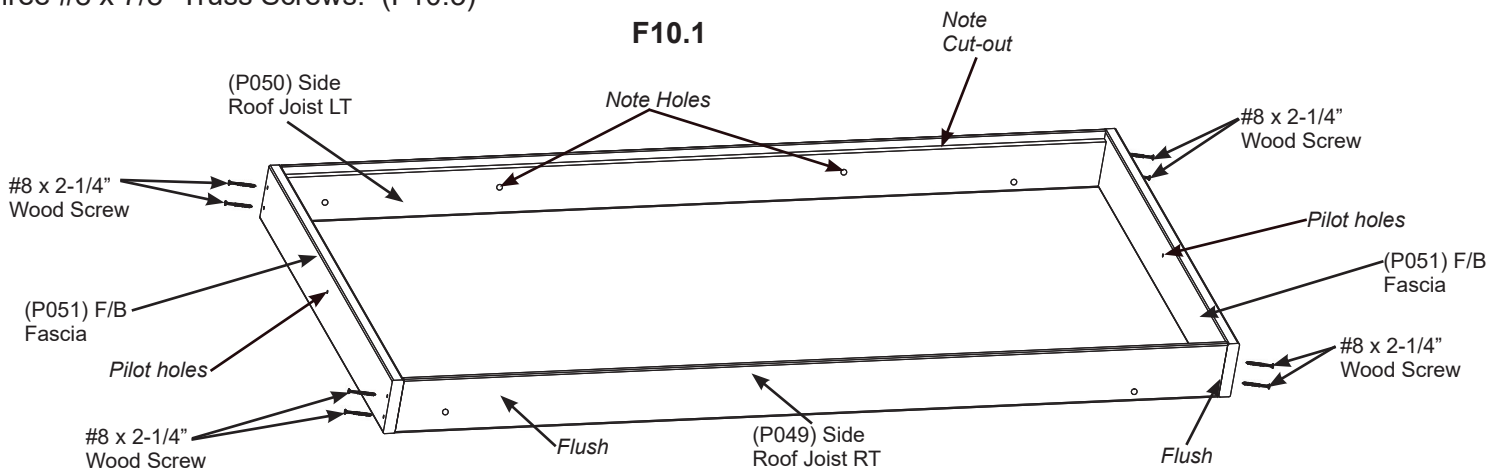
A: Stand (P050) Side Roof Joist LT and (P049) Side Roof Joist RT on their edges with the cut-outs to the inside, taking note of board placement and hole orientation. Place a (P051) F/B Roof Fascia across each end, making sure all corners are flush and pilot holes are to the top. Attach with eight #8 x 2-1/4" Wood Screws. (F10.1 and F10.2)

B: At the left end of the roof frame place one (P054) Roofing Bottom on the notch of the frame and attach using two #8 x 7/8" Truss Screws. (F10.3)

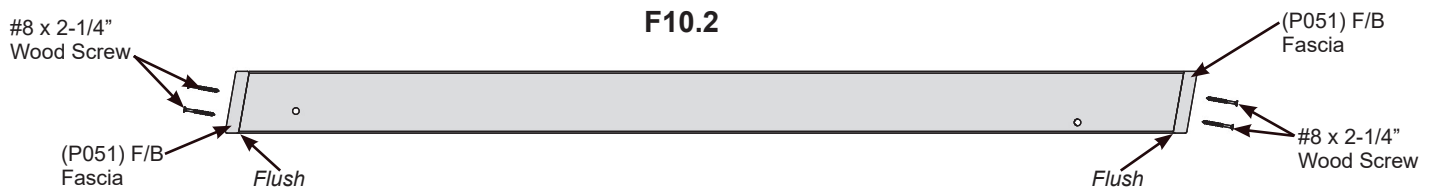
C: At the right end of the roof frame place (P115) Roofing Top on the notch of the frame and attach using four #8 x 7/8" Truss Screws. (F10.3)

D: From under the roof frame assembly, center (P052) Joist over the pilot holes in (P051) F/B Roof Fascias, tight to the roofing boards. Attach from the outside using two #8 x 2-1/4" Wood Screws then attach roofing boards using three #8 x 7/8" Truss Screws. (F10.3)

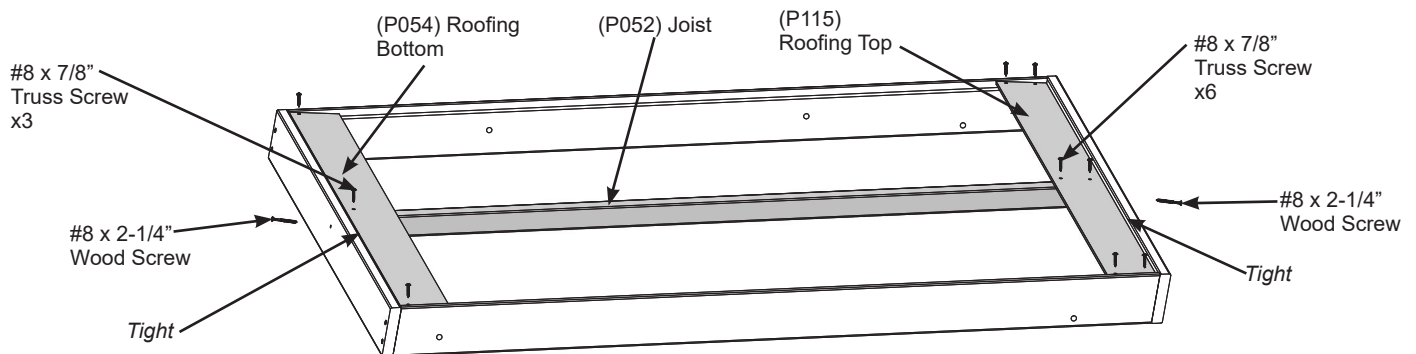
F10.1



F10.2



F10.3



Wood Parts

- | | |
|-------------------------------|---------------------------|
| 1 x (P049) Side Roof Joist RT | 1 x (P052) Joist |
| 1 x (P050) Side Roof Joist LT | 1 x (P054) Roofing Bottom |
| 2 x (P051) F/B Roof Fascia | 1 x (P115) Roofing Top |

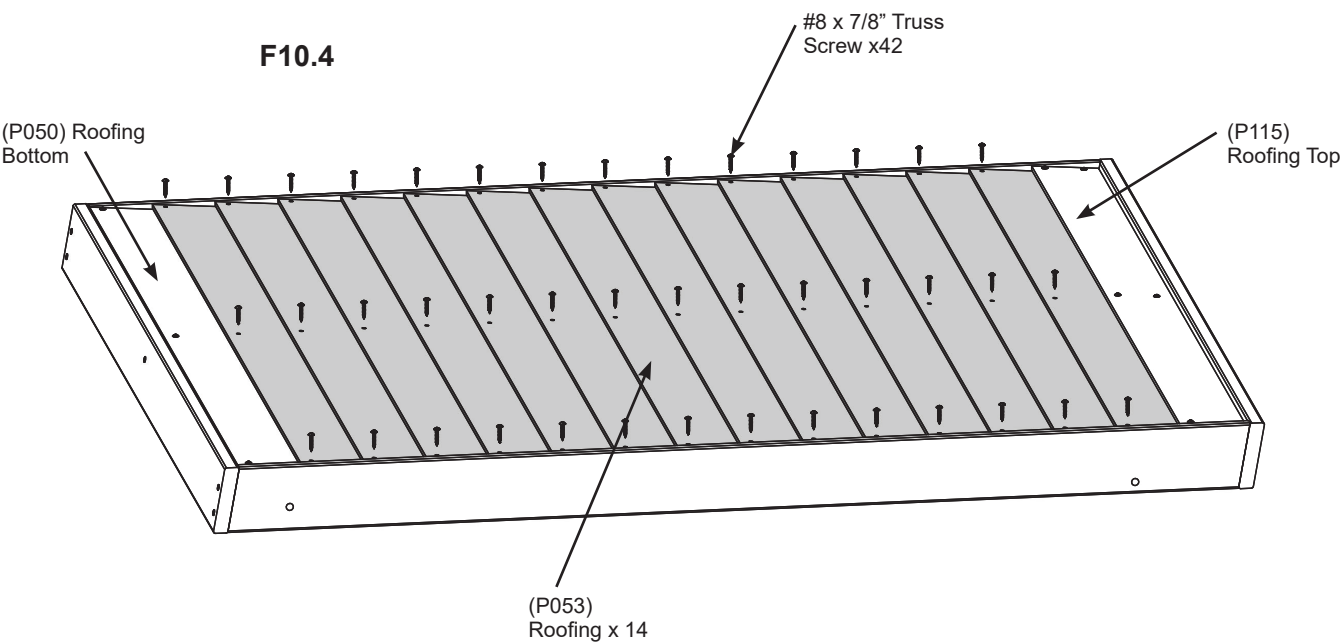
Hardware

- 10 x #8 x 2-1/4" Wood Screw
9 x #8 x 7/8" Truss Screw

Step 10: Large Roof Assembly

Part 2

E: Place 14 (P053) Roofing boards evenly spaced along the frame cut-outs as shown in F10.4 and attach using three #8 x 7/8" Truss Screws per board. (F10.4)



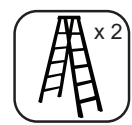
Wood Parts

14 x (P053) Roofing

Hardware

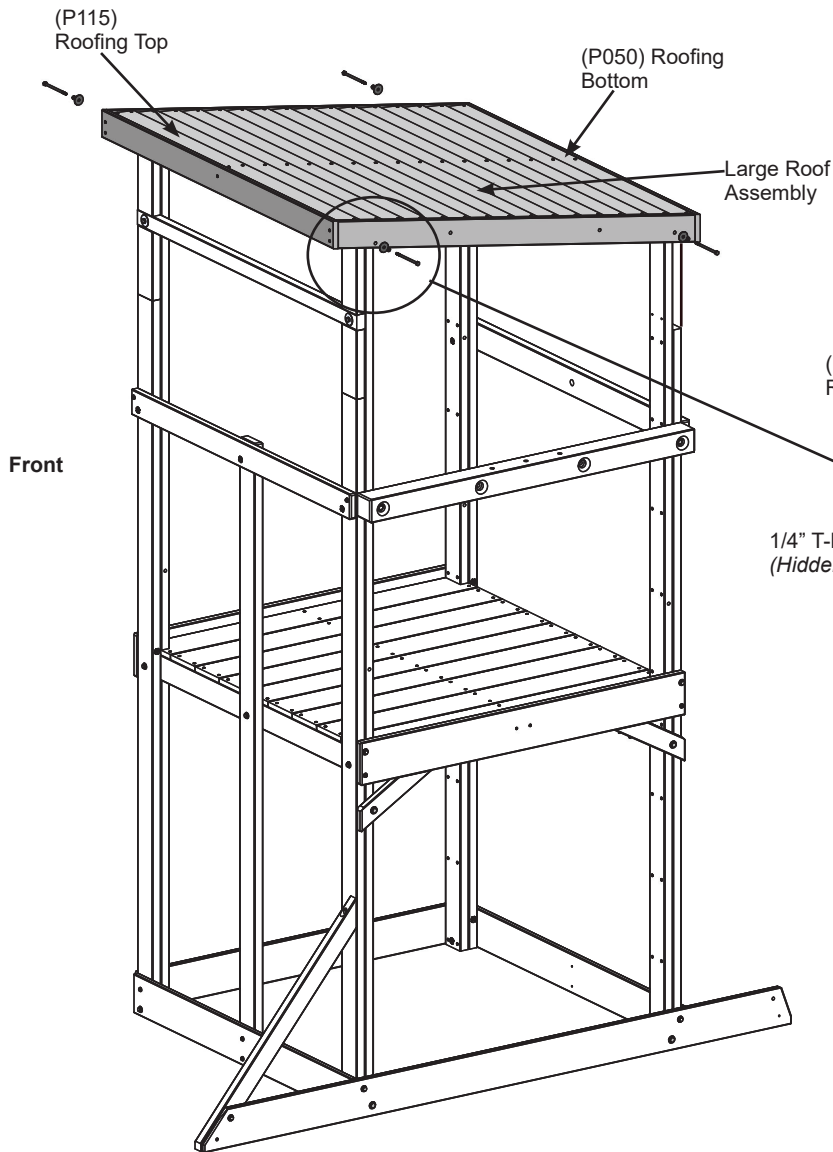
42 x #8 x 7/8" Truss Screw

Step 11: Install Large Roof

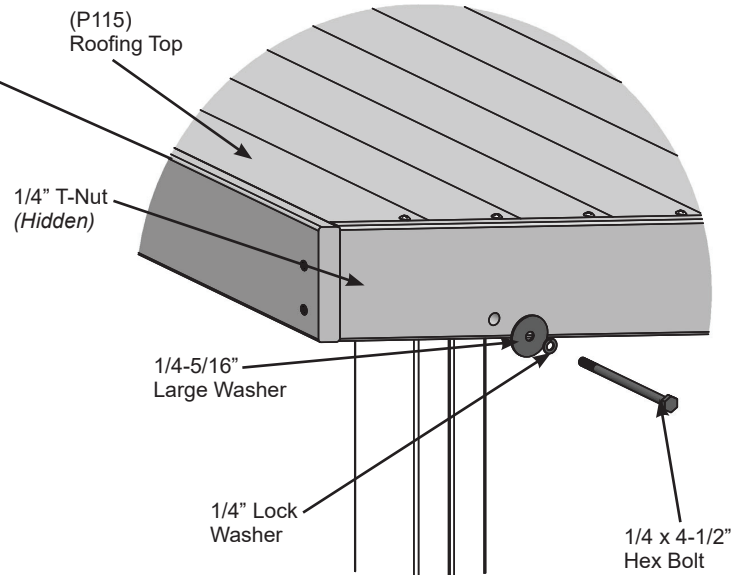


A: With at least one helper, lift Large Roof up and over the frame assembly so the bolt holes in the roof frame line up with the posts and the longer overhang is at the front. Attach the Large Roof Assembly to the posts from the outside using four 1/4 x 4-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F11.1 and F11.2)

F11.1



F11.2



Hardware

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

Step 12: Install Siding Part 1

A: From outside the Front Wall Assembly, place one (P014) Trim on the (P008) Ground so that it's flush with the left edge of (P011) Mid Post, then attach using three #8 x 1-1/2" Wood Screws. Place a second (P014) Trim on (P008) Ground so that it's flush to the right outside edge of the Front Post Assembly. Attach using three #8 x 1-1/2" Wood Screws. (F12.1 and F12.2)

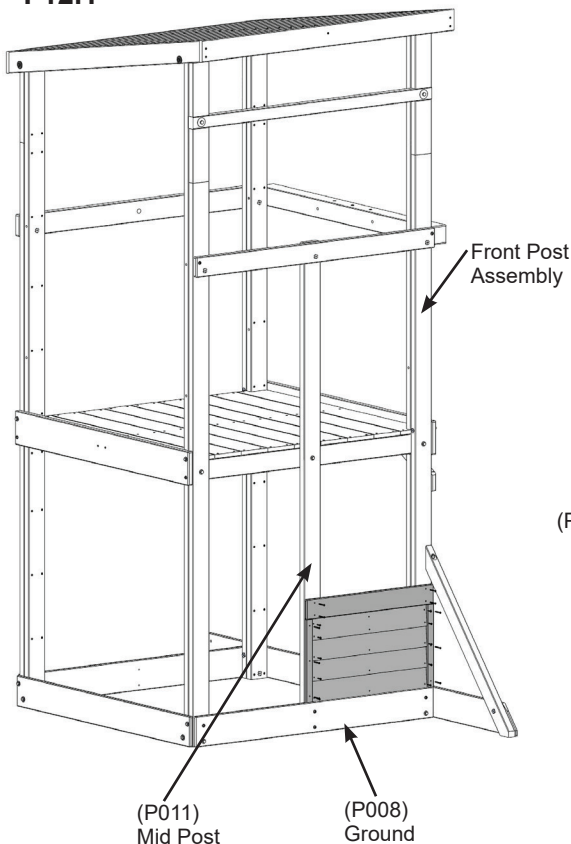
B: Place a (P015) Wall Top across the top of both (P014) Trims so the ends are flush. Attach using four #8 x 1-1/2" Wood Screws. (F12.1 and F12.2)

C: Place (P019) Siding Bottom along the top of (P008) Ground between (P014) Trims, taking note of hole orientation. Attach with two #8 x 7/8" Truss Screws. (F12.1 and F12.2)

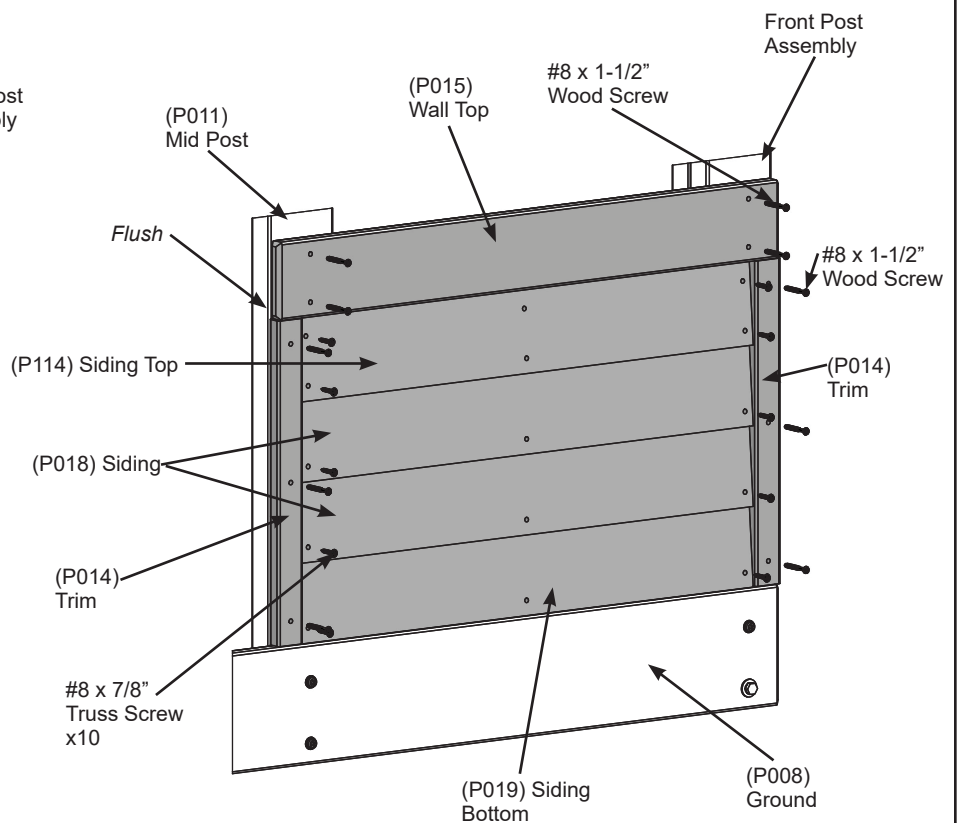
D: Fit (P114) Siding Top between the (P014) Trims, making sure it's tight to (P015) Wall Top. Attach using four #8 x 7/8" Truss Screws. (F12.1 and F12.2)

E: Place two (P018) Siding into the open space, so the notches fit tight together. Attach with two #8 x 7/8" Truss Screws per board. (F12.1 and F12.2)

F12.1



F12.2



Wood Parts

2 x (P014) Trim
2 x (P018) Siding
1 x (P019) Siding Bottom

1 x (P114) Siding Top
1 x (P015) Wall Top

Hardware

10 x #8 x 1-1/2" Wood Screw
10 x #8 x 7/8" Truss Screw

Step 12: Install Siding Part 2

F: From outside the SW Wall Assembly, place one (P014) Trim on the (P059) SW Ground so they're flush with the outside edges of the Posts. Attach to each Post Assembly using three #8 x 1-1/2" Wood Screws per side. (F12.3 and F12.4)

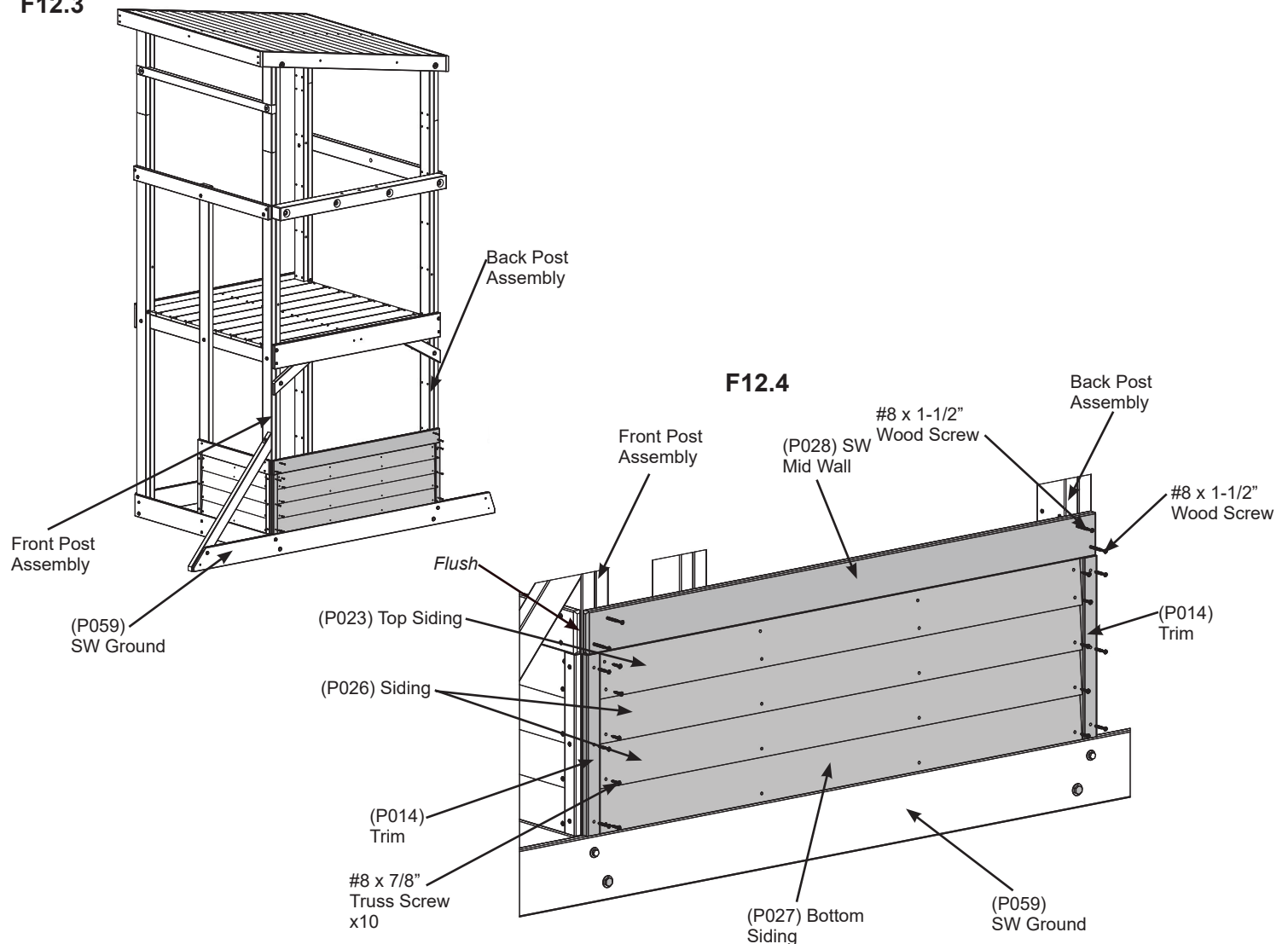
G: Place a (P028) SW Mid Wall across the top of both (P014) Trims so the ends are flush. Attach using four #8 x 1-1/2" Wood Screws. (F12.3 and F12.4)

H: Place (P027) Bottom Siding along the top of (P059) SW Ground between (P014) Trims, taking note of hole orientation. Attach with two #8 x 7/8" Truss Screws. (F12.3 and F12.4)

I: Fit (P023) Top Siding between the (P014) Trims, making sure it's tight to (P028) SW Mid Wall. Attach using four #8 x 7/8" Truss Screws. (F12.3 and F12.4)

J: Place two (P026) Siding into the open space, so the notches fit tight together. Attach with two #8 x 7/8" Truss Screws per board. (F12.3 and F12.4)

F12.3



Wood Parts

2 x (P014) Trim
2 x (P026) Siding
1 x (P027) Bottom Siding

Hardware

10 x #8 x 1-1/2" Wood Screw
10 x #8 x 7/8" Truss Screw

Step 12: Install Siding Part 3

K: From outside the Back Wall Assembly, place one (P014) Trim on the (P008) Ground so they're flush with the outside edges of the Posts. Attach to each Post Assembly using three #8 x 1-1/2" Wood Screws per side. (F12.5 and F12.6)

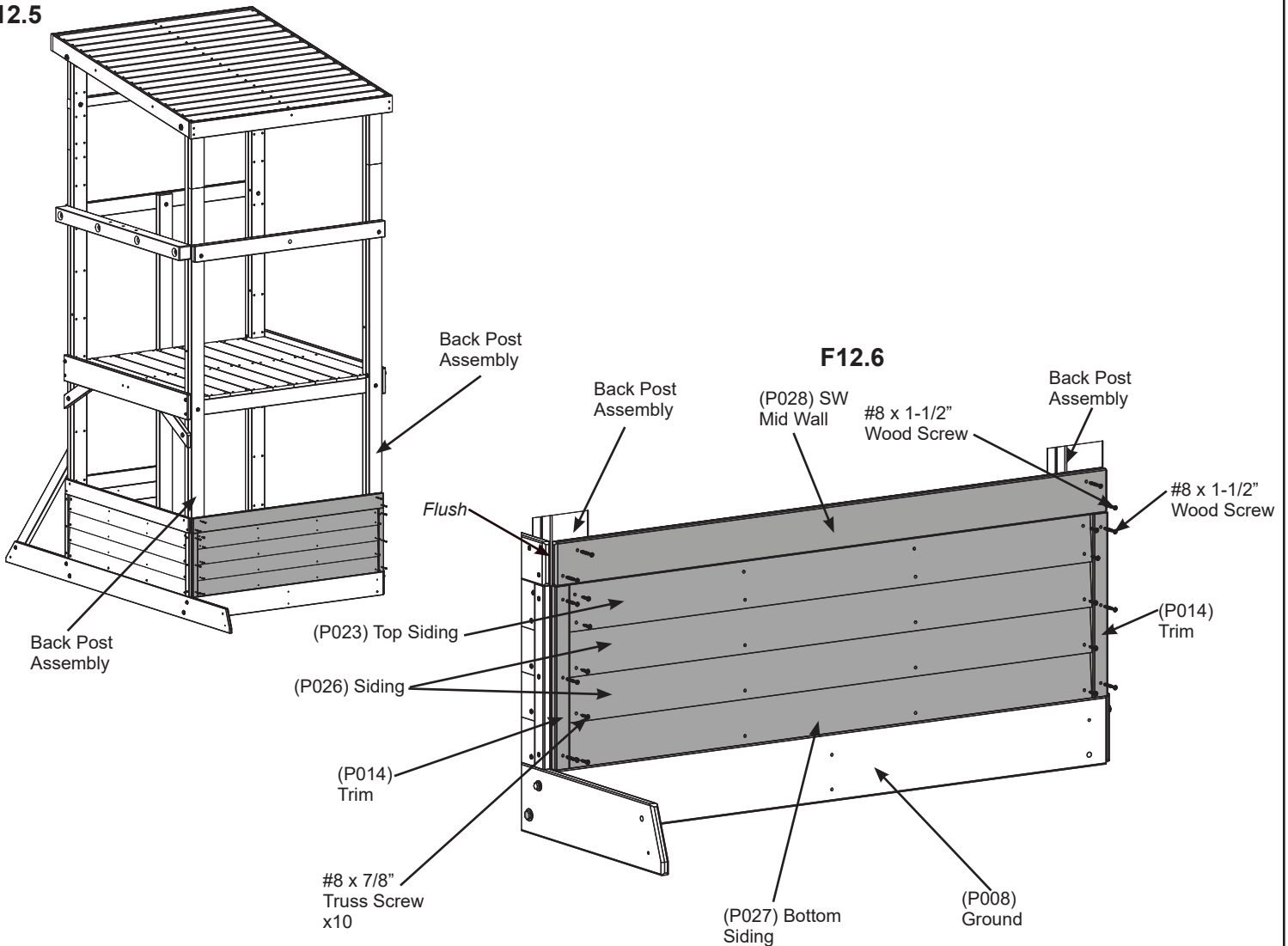
L: Place a (P028) SW Mid Wall across the top of both (P014) Trims so the ends are flush. Attach using four #8 x 1-1/2" Wood Screws. (F12.5 and F12.6)

M: Place (P027) Bottom Siding along the top of (P008) Ground between (P014) Trims, taking note of hole orientation. Attach with two #8 x 7/8" Truss Screws. (F12.5 and F12.6)

N: Fit (P023) Top Siding between the (P014) Trims, making sure it's tight to (P028) SW Mid Wall. Attach using four #8 x 7/8" Truss Screws. (F12.5 and F12.6)

O: Place two (P026) Siding into the open space, so the notches fit tight together. Attach with two #8 x 7/8" Truss Screws per board. (F12.5 and F12.6)

F12.5



Wood Parts

2 x (P014) Trim

2 x (P026) Siding

1 x (P027) Bottom Siding

1 x (P023) Top Siding

1 x (P028) SW Mid Wall

Hardware

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

10 x #8 x 7/8" Truss Screw

Step 12: Install Siding Part 4

P: From outside the Turbo Wall Assembly, place one (P013) Turbo Trim Wall on the (P009) Side Ground so they're flush with the outside edges of the Posts. Attach to each Post Assembly using three #8 x 1-1/2" Wood Screws per side. (F12.7 and F12.8)

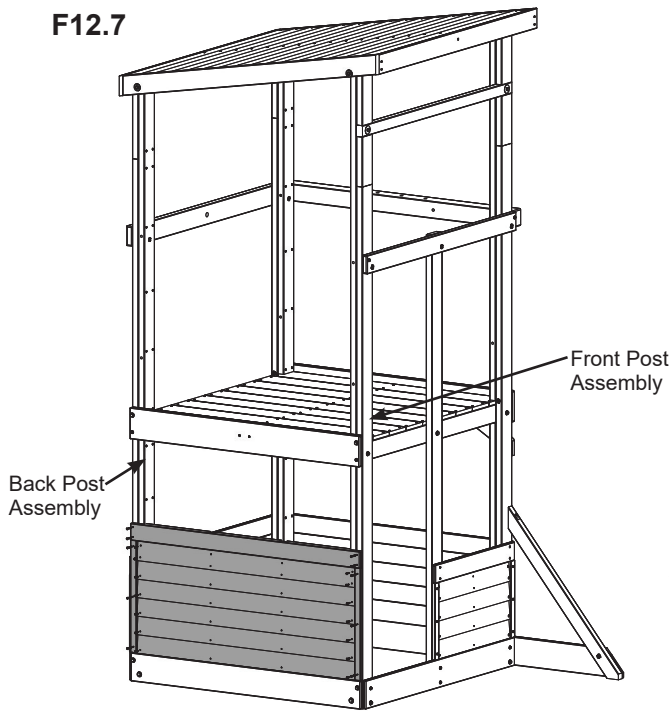
Q: Place a (P048) SL Support across the top of both (P013) Turbo Trims Walls so the ends are flush and notches facing in. Attach using four #8 x 2-1/4" Wood Screws. (F12.7 and F12.8)

R: Place (P027) Bottom Siding along the top of (P009) Side Ground between (P014) Trims, taking note of hole orientation. Attach with two #8 x 7/8" Truss Screws. (F12.7 and F12.8)

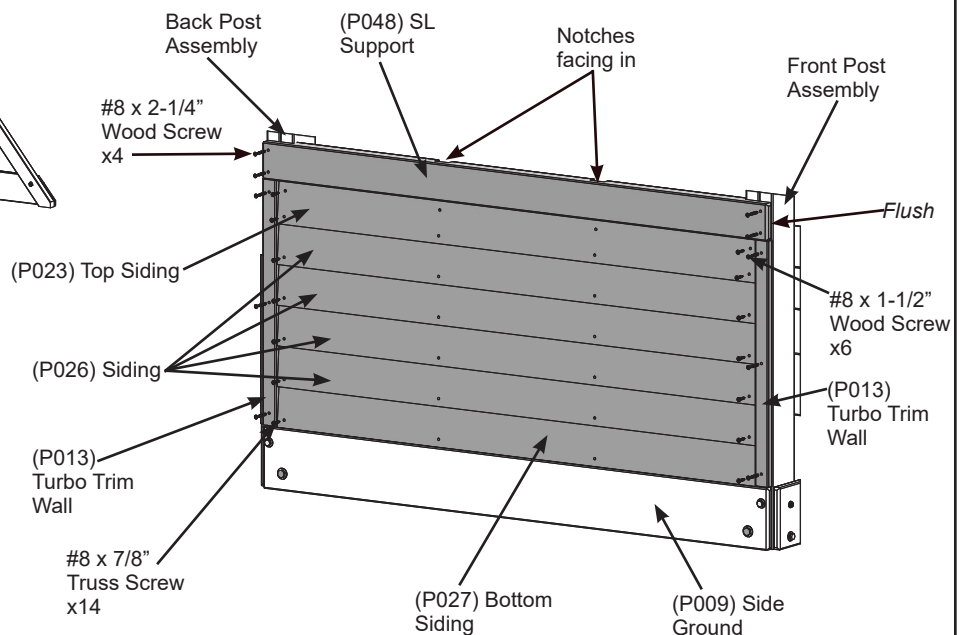
S: Fit (P023) Top Siding between the (P013) Turbo Trim Walls, making sure it's tight to (P048) SL Support. Attach using four #8 x 7/8" Truss Screws. (F12.7 and F12.8)

T: Place four (P026) Siding into the open space, so the notches fit tight together. Attach with two #8 x 7/8" Truss Screws per board. (F12.7 and F12.8)

F12.7



F12.8



Wood Parts

2 x (P013) Turbo Trim Wall	1 x (P023) Top Siding
4 x (P026) Siding	1 x (P048) SL Support
1 x (P027) Bottom Siding	

Hardware

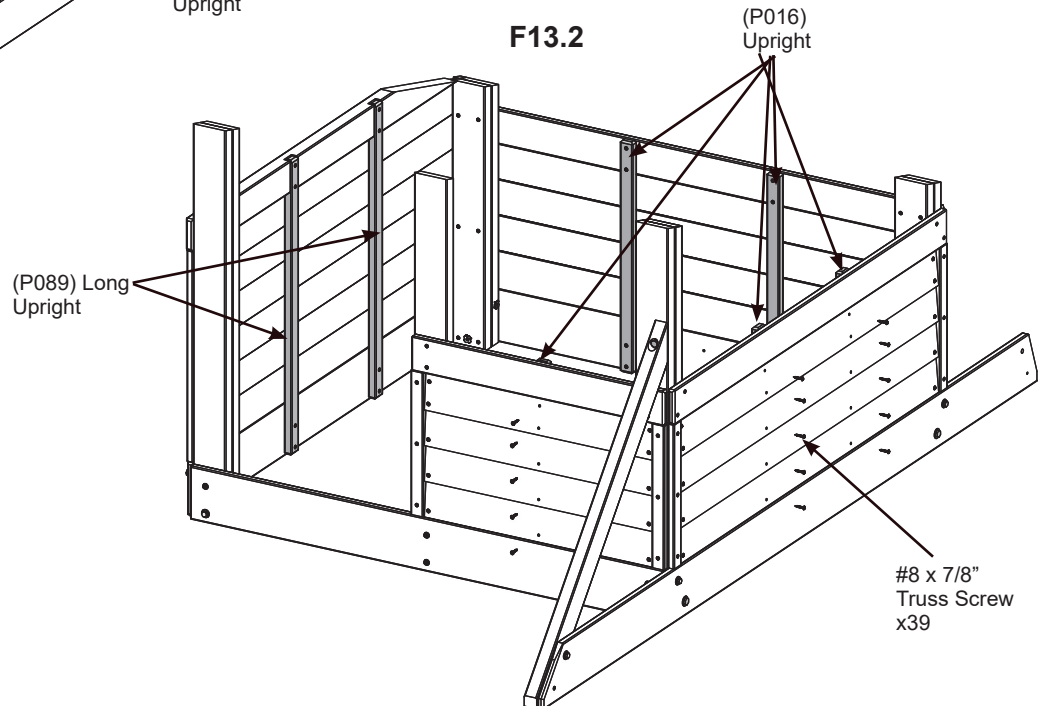
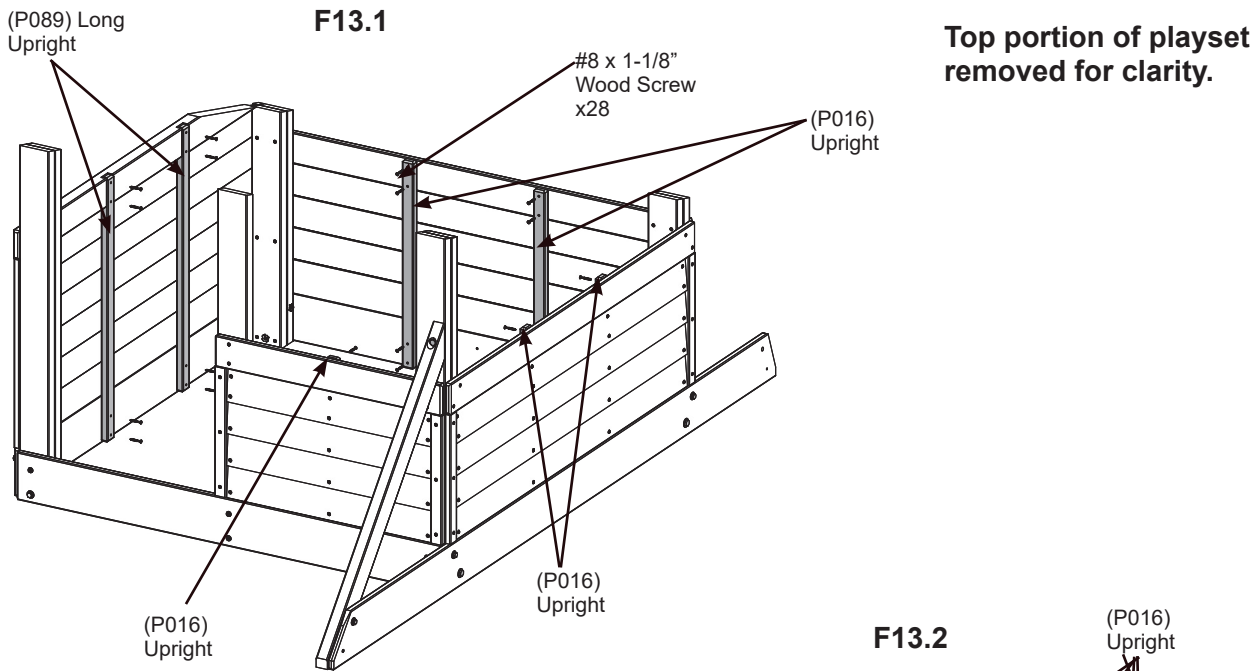
6 x #8 x 1-1/2" Wood Screw
4 x #8 x 2-1/4" Wood Screw
14 x #8 x 7/8" Truss Screw

Step 13: Install Uprights

A: From inside the assembly, center five (P016) Uprights over the pilot holes in the Front Wall, Back Wall and SW Wall. Attach using four #8 x 1-1/8" Wood Screws per Upright. (F13.1)

B: From inside the assembly, center two (P089) Long Uprights over the pilot holes and notches in the Turbo Wall. Attach using four #8 x 1-1/8" Wood Screws per Upright. (F13.1)

C: From outside the assembly attach Siding to Uprights using 39 #8 x 7/8" Truss Screws. (F13.2)



Wood Parts

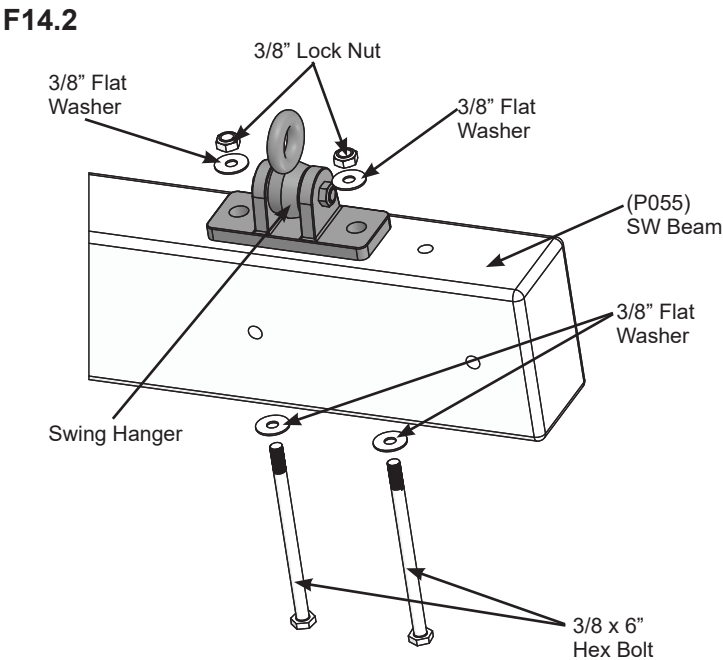
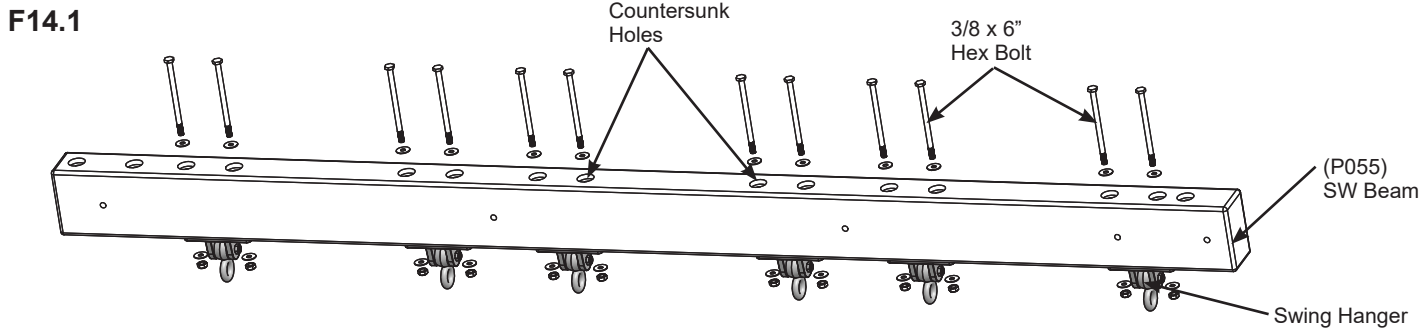
5 x (P016) Upright
2 x (P089) Long Upright

Hardware

28 x #8 x 1-1/8" Wood Screw
39 x #8 x 7/8" Truss Screw

Step 14: Swing Beam Assembly Part 1

A: Attach six Swing Hangers to (P055) SW Beam using twelve 3/8 x 6" Hex Bolts (with two 3/8" flat washers and 3/8" lock nut), making sure bolts are installed through the countersunk holes. (F14.1 and F14.2)



Wood Parts

1 x (P055) SW Beam

Components:

6 x Swing Hanger

Hardware

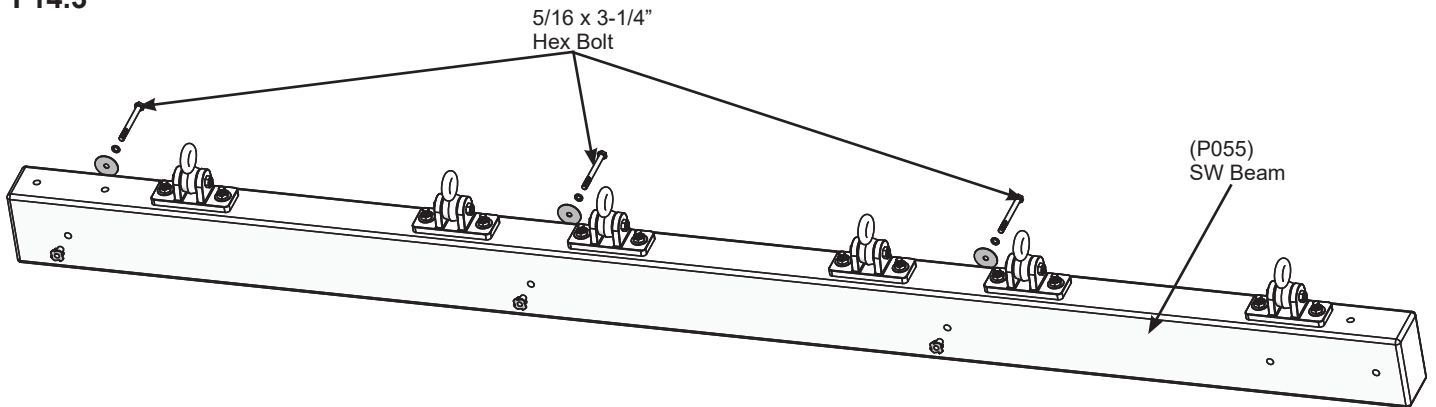
12 x 3/8 x 6" Hex Bolt
(with 3/8" flat washer x 2, 3/8" lock nut)

Step 14: Swing Beam Assembly Part 2

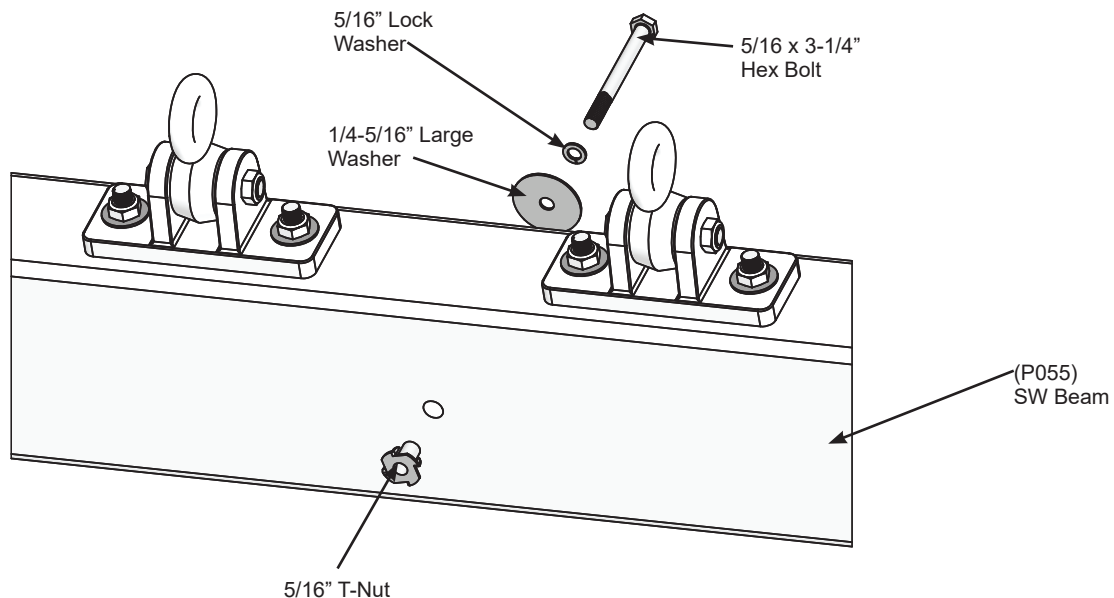
B: At the locations shown in F14.4 install three 5/16 x 3-1/4" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut). (F14.3 and F14.4)

THESE BOLTS MUST BE INSTALLED TO HELP REDUCE CHECKING OF THE WOOD.

F14.3



F14.4



Hardware

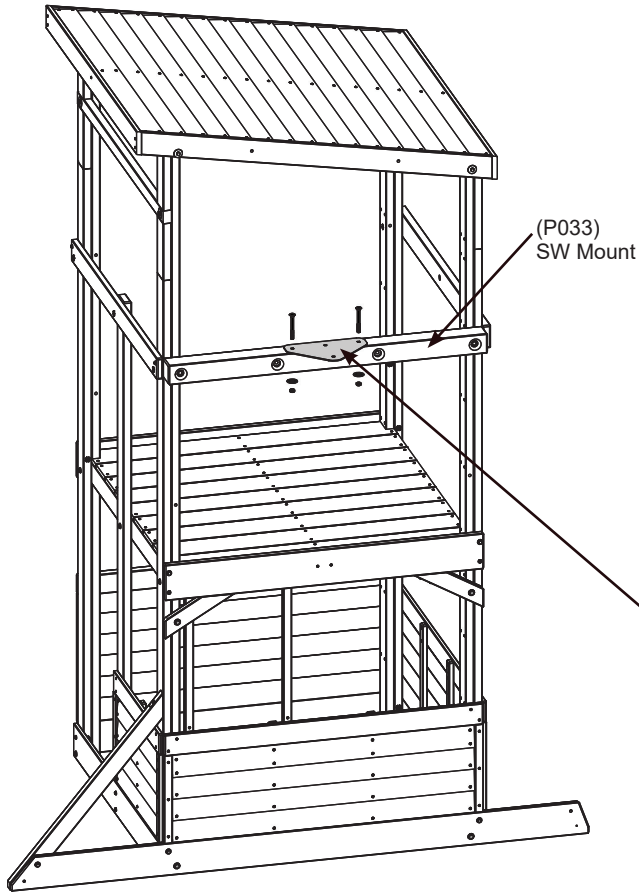
3 x 5/16 x 3-1/4" Hex Bolt
(with 5/16" lock washer, 1/4 - 5/16" large washer, 5/16" t-nut)

Step 15: Attach Triplate

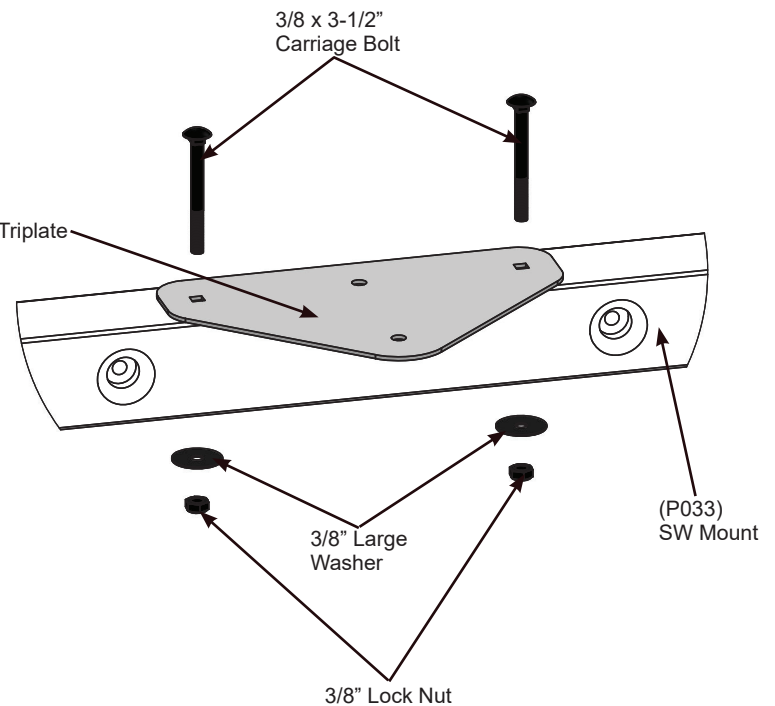


A: Position Triplate on (P033) SW Mount so bolt holes align and overhang is towards the outside. Attach using the outside holes with two 3/8 x 3-1/2" Carriage Bolts (with 3/8" large washer and 3/8" lock nut). (F15.1 and F15.2)

F15.1



F15.2



Components:

1 x Triplate

Hardware

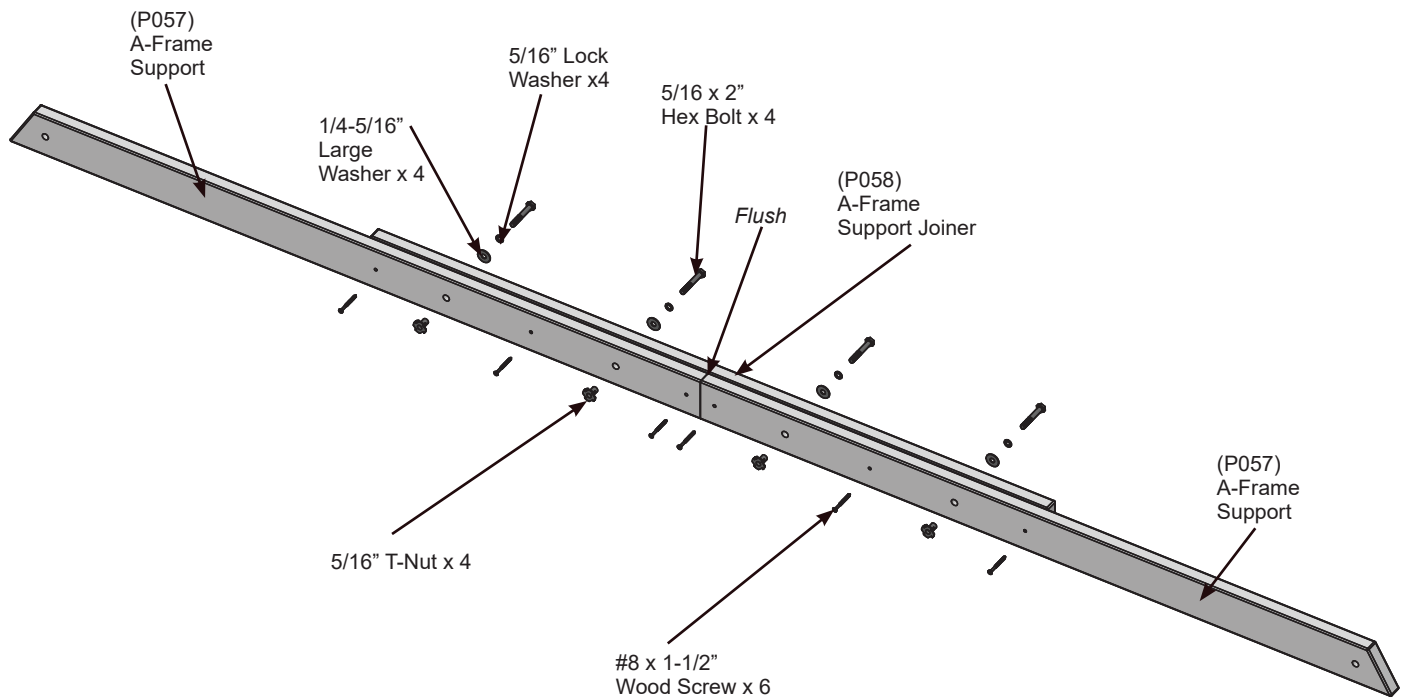
2 x 3/8 x 3-1/2" Carriage Bolt
(with 3/8" large washer, 3/8" lock nut)

Step 16: A Frame Assembly Part 1

A: Position two (P057) A-Frame Supports so the straight ends meet, taking note of the orientation. Tap four 5/16" t-nuts into the bolt holes. Flip (P057) A-Frame Supports over and place (P058) A-Frame Support Joiner centered over both supports so bolt holes are aligned and edges are flush. Attach boards with four 5/16 x 2" Hex Bolts (with 5/16" lock washer and 1/4-5/16" large washer). (F16.1)

B: Flip the assembly over and install six #8 x 1-1/2" Wood Screws. (F16.1)

F16.1



Wood Parts

- 2 x (P057) A-Frame Support
- 1 x (P058) A-Frame Support Joiner

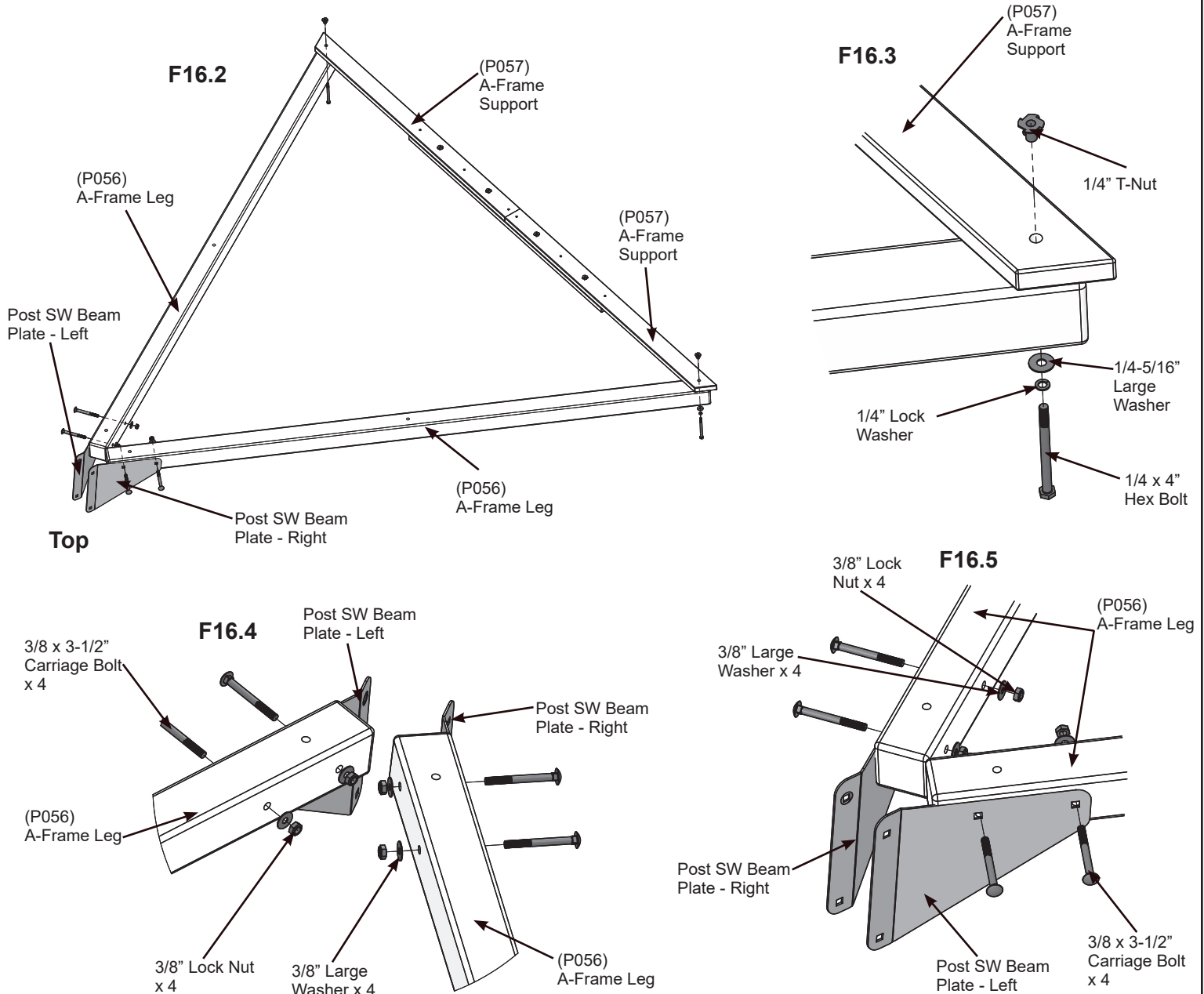
Hardware

- 6 x #8 x 1-1/2" Wood Screw
- 4 x 5/16 x 2" Hex Bolt
(with 5/16" lock washer, 1/4-5/16" large washer, 5/16" t-nut)

Step 16: A Frame Assembly Part 2

C: Position one (P056) A-Frame Leg under each end of the A-Frame Support Assembly so holes are aligned, and T-Nuts are on top. The double bolt holes should be at the top end. Loosely attach A-Frame Support Assembly to both (P056) A-Frame Legs with two 1/4 x 4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut. (F16.2 and F16.3)

D: At the top end of the A-Frame Assembly, loosely install a Post SW Beam Plate Bracket - Left and a Post SW Beam Plate Bracket - Right using two 3/8 x 3-1/2" Carriage Bolts (with 3/8 large washer and 3/8" lock nut) per bracket. The straight side of the brackets should be towards the outside of the A-Frame Assembly. (F16.2, F16.4 and F16.5)



Wood Parts

2 x (P056) A-Frame Leg

Components:

1 x Post SW Beam Plate - Left
1 x Post SW Beam Plate - Right

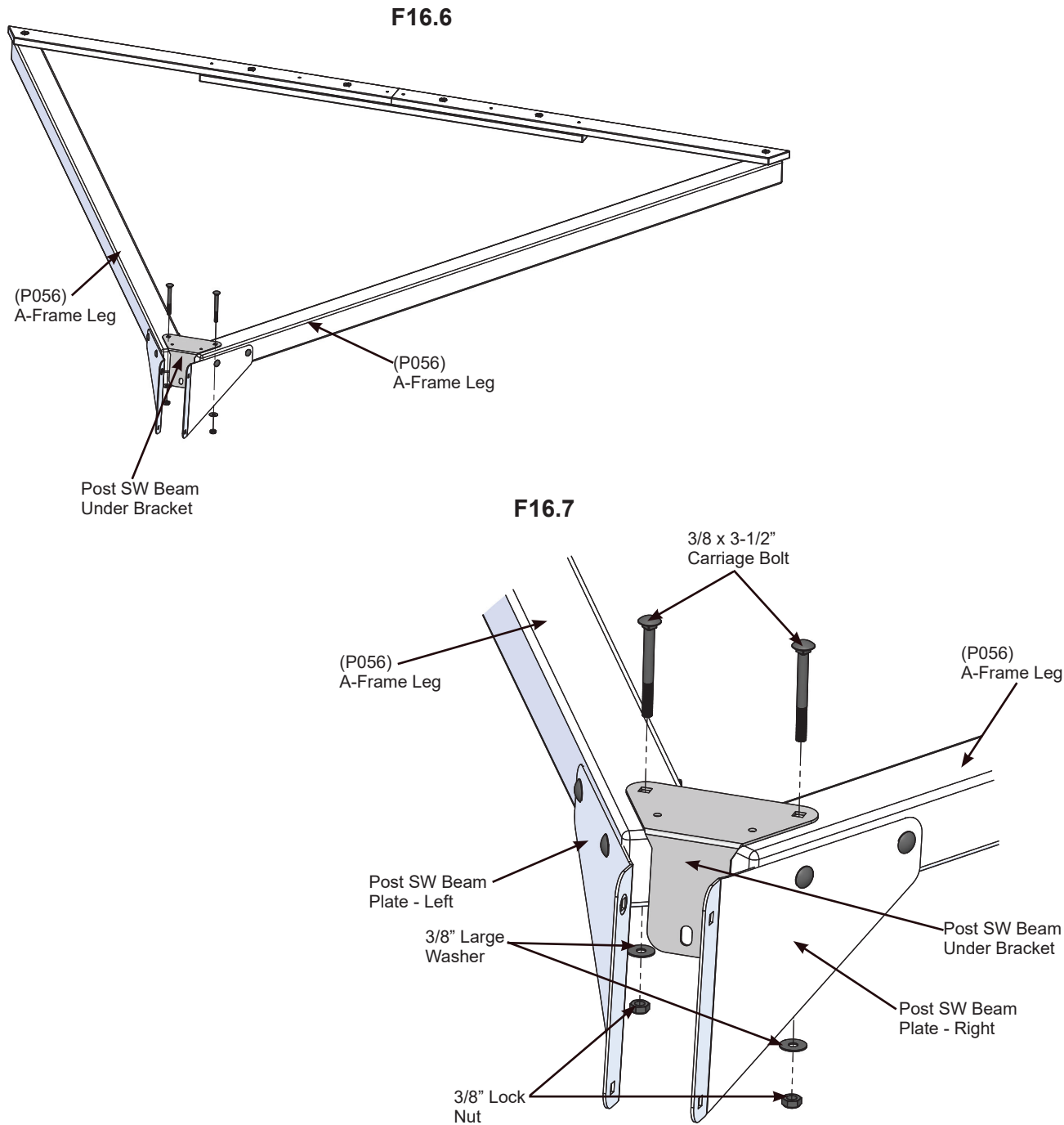
Hardware

2 x 1/4 x 4" Hex Bolt
(with 1/4" lock washer, 1/4-5/16" large washer, 1/4" t-nut)
4 x 3/8 x 3-1/2" Carriage Bolt
(with 3/8" large washer, 3/8" lock nut)

Step 16: A Frame Assembly

Part 3

E: Place a Post SW Beam Under Bracket so the holes align with the (P056) A-Frame Legs. Loosely attach with two 3/8 x 3-1/2" Carriage Bolts (with 3/8" large washer and 3/8" lock nut). (F16.6 and F16.7)



Components:

1 x Post SW Beam Under Bracket

Hardware

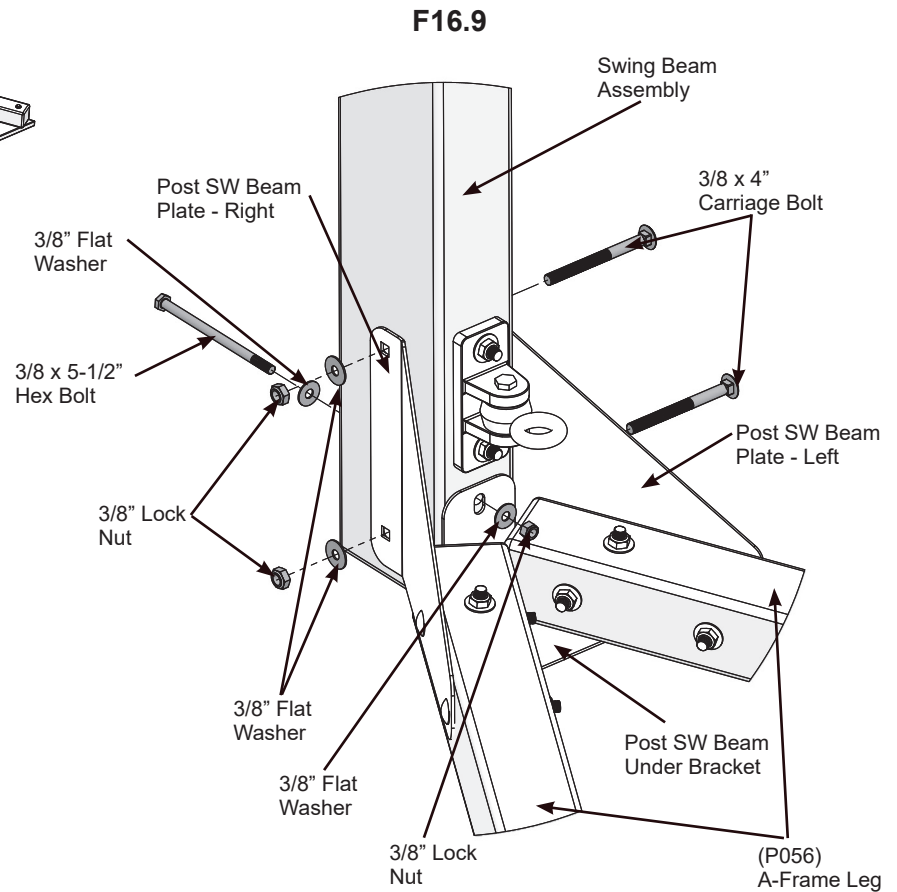
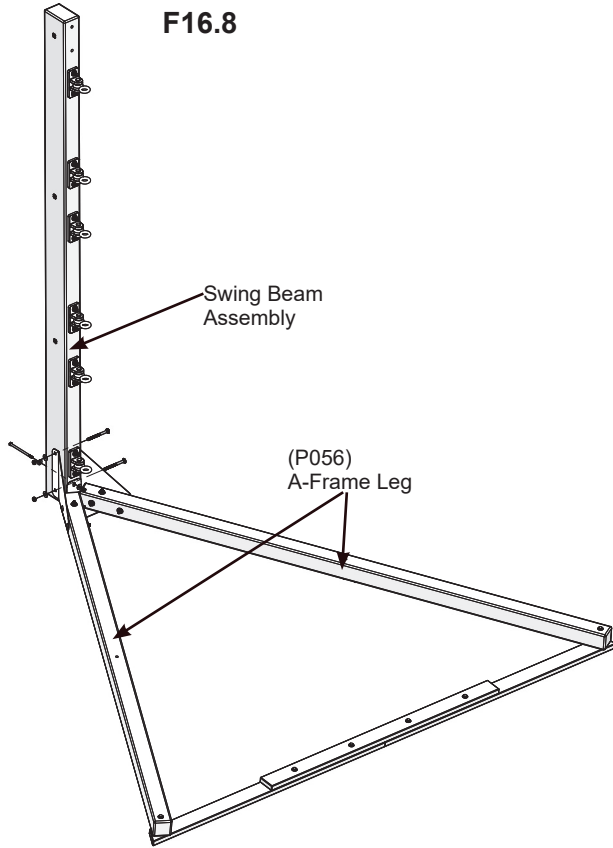
2 x 3/8 x 3-1/2" Carriage Bolt
(with 3/8" large washer, 3/8" lock nut)

Step 16: A Frame Assembly Part 4



F: With two helpers position the Swing Beam end with the double holes between the Post SW Beam Plate Bracket - Left and Post SW Beam Plate Bracket - Right so holes align. Loosely attach with one 3/8 x 5-1/2" Hex Bolt (with 3/8" flat washer x 2 and 3/8" lock nut). (F16.8 and F16.9)

G: Loosely attach with two 3/8 x 4" Carriage Bolts (with 3/8" flat washer and 3/8" lock nut). (F16.8 and F16.9)

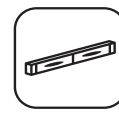


Hardware

2 x 3/8 x 4" Carriage Bolt
(with 3/8" flat washer, 3/8" lock nut)

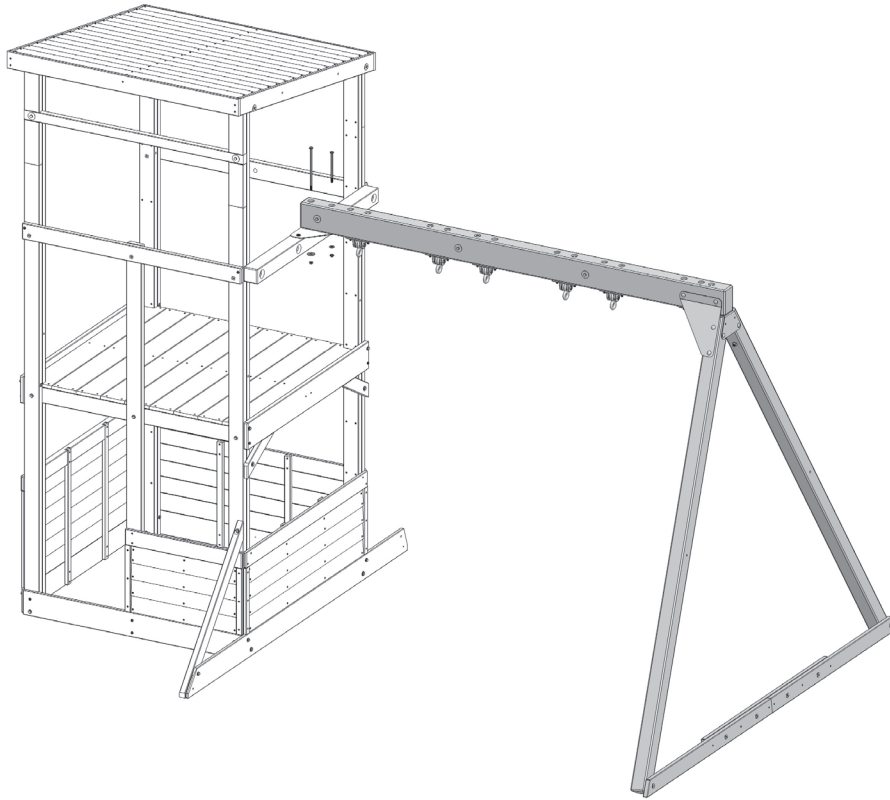
1 x 3/8 x 5-1/2" Hex Bolt
(with 3/8" flat washer x 2, 3/8" lock nut)

Step 17: Attach Swing End Part 1

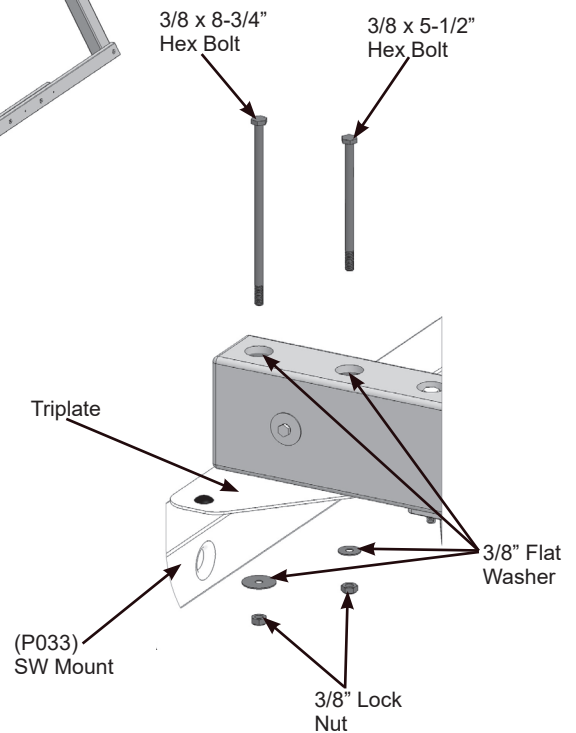


A: Carefully lift the Swing Assembly and center on the Triplate. Loosely attach with one 3/8 x 8-3/4" Hex Bolt (with two 3/8" flat washers and 3/8" lock nut) and one 3/8 x 5-1/2" Hex Bolt (with 3/8" flat washer and 3/8" lock nut).

F17.1



F17.2

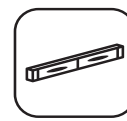
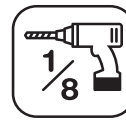


Hardware

1 x 3/8 x 5-1/2" Hex Bolt
(with 3/8" flat washer x 2, 3/8" lock nut)

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

Step 17: Attach Swing End Part 2

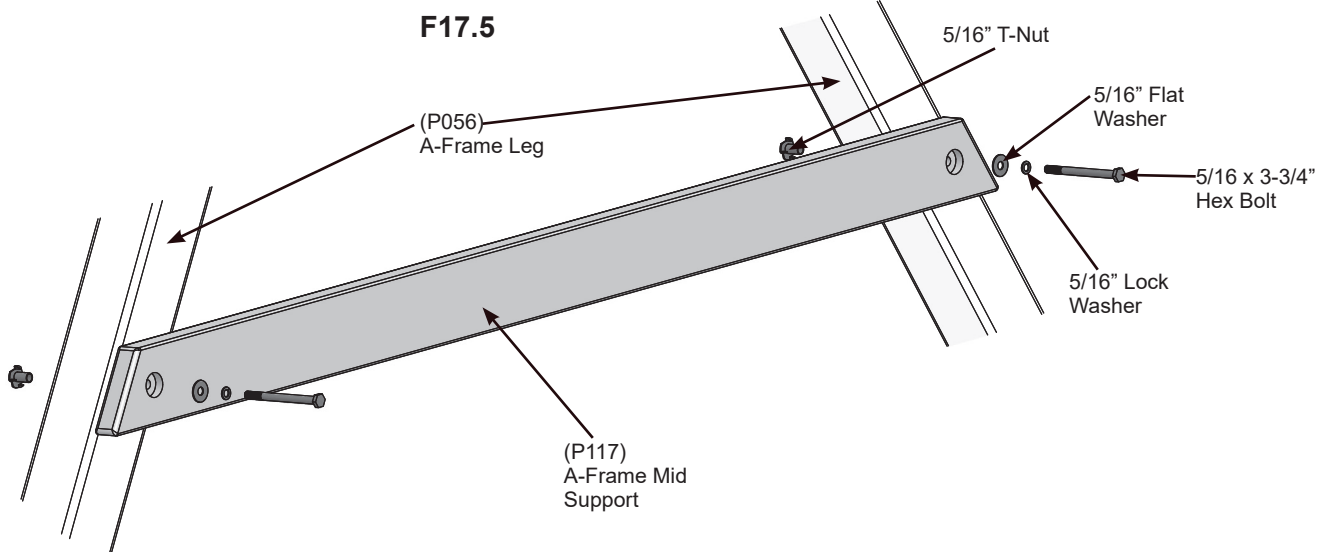
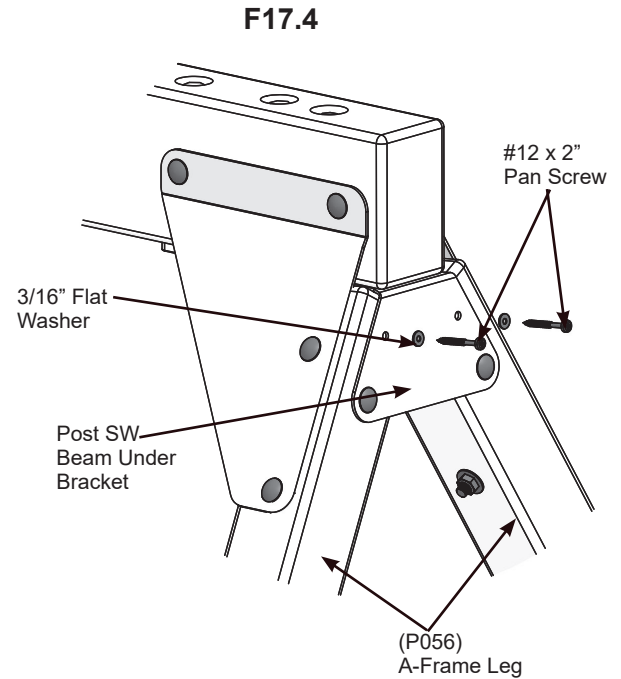
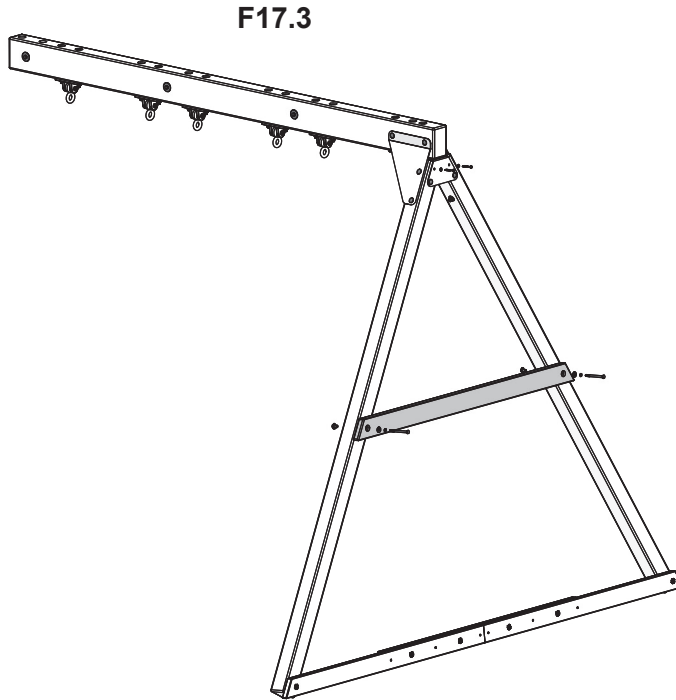


Note: Pre-drill all pilot holes using a 1/8" drill bit before installing Pan Screws.

B: Attach (P117) A-Frame Mid Support to (P056) A-Frame Legs using two 5/16 x 3-3/4" Hex Bolts (with 5/16" lock washer, 5/16" flat washer and 5/16" t-nut) (F17.3 and F17.4)

C: Check that Swing Beam Assembly is level, then tighten all bolts from Steps 16 and 17.

D: Attach Post SW Beam Under Bracket to (P056) A-Frame Legs using two #12 x 2" Pan Screws (with 3/16" flat washer). (F17.3 and F17.5)



Wood Parts

1 x (P117) A-Frame Mid Support

Hardware

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

2 x #12 x 2" Pan Screw (with 3/16" flat washer)

Step 18: Attach Ground Stakes

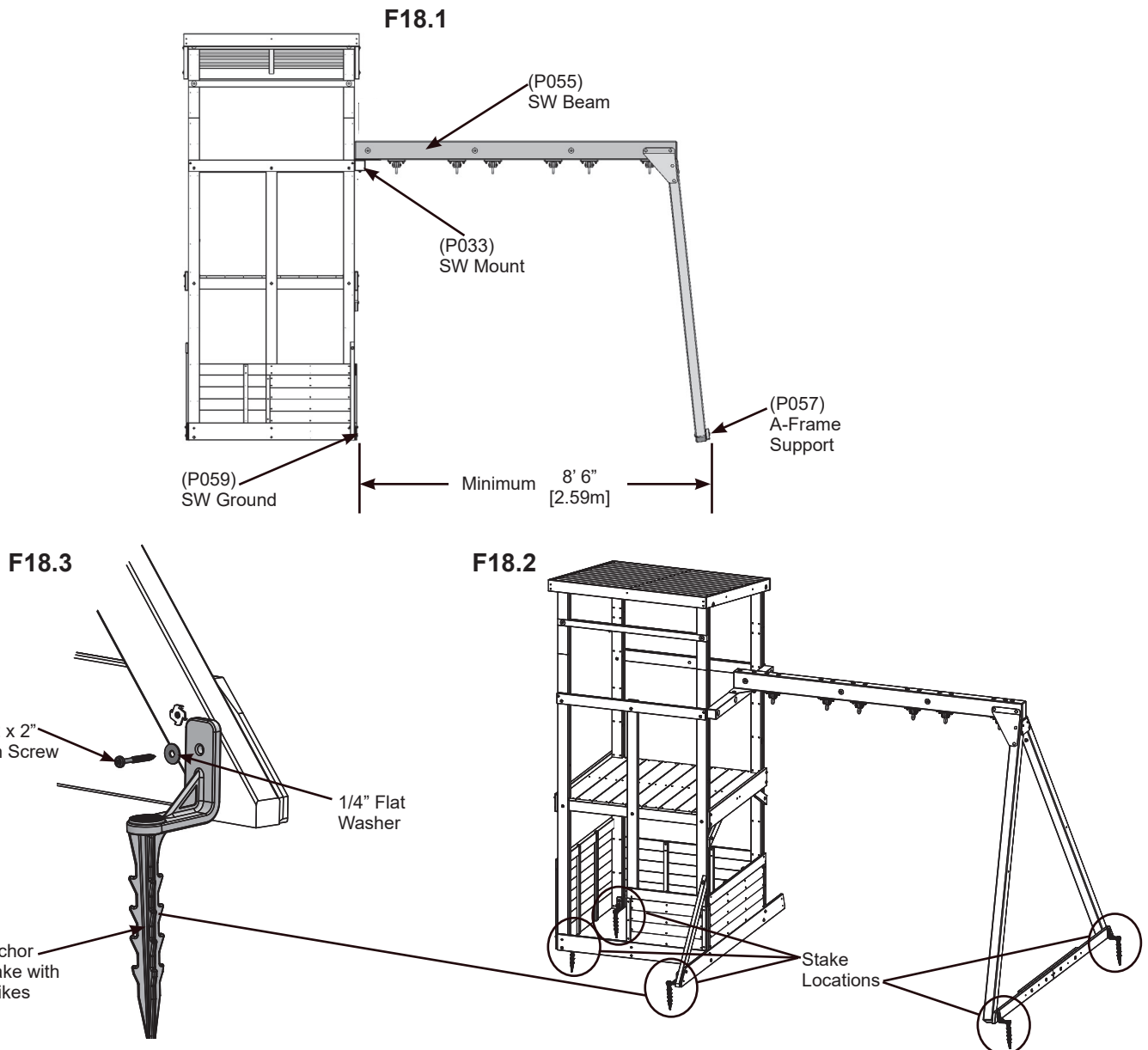


**MOVE FORT TO FINAL LOCATION PRIOR TO STAKING.
FINAL LOCATION MUST BE LEVEL GROUND**

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

A: Adjust A-Frame Assembly so the distance between the (P059) SW Ground and the outside of (P057) A-Frame Support is a Minimum 8' 6" [2.59m] and (P055) SW Beam is square to (P033) SW Mount. (F18.1)

B: Drive Anchor Stakes into the ground at the locations shown in F18.2, pre-drill and attach with one #12 x 2" Pan Screw (with 1/4" flat washer) per Stake. (F18.2 and F18.3)



Components:

5 x Anchor Stake with Spikes

Hardware

5 x #12 x 2" Pan Screw (with 1/4" flat washer)

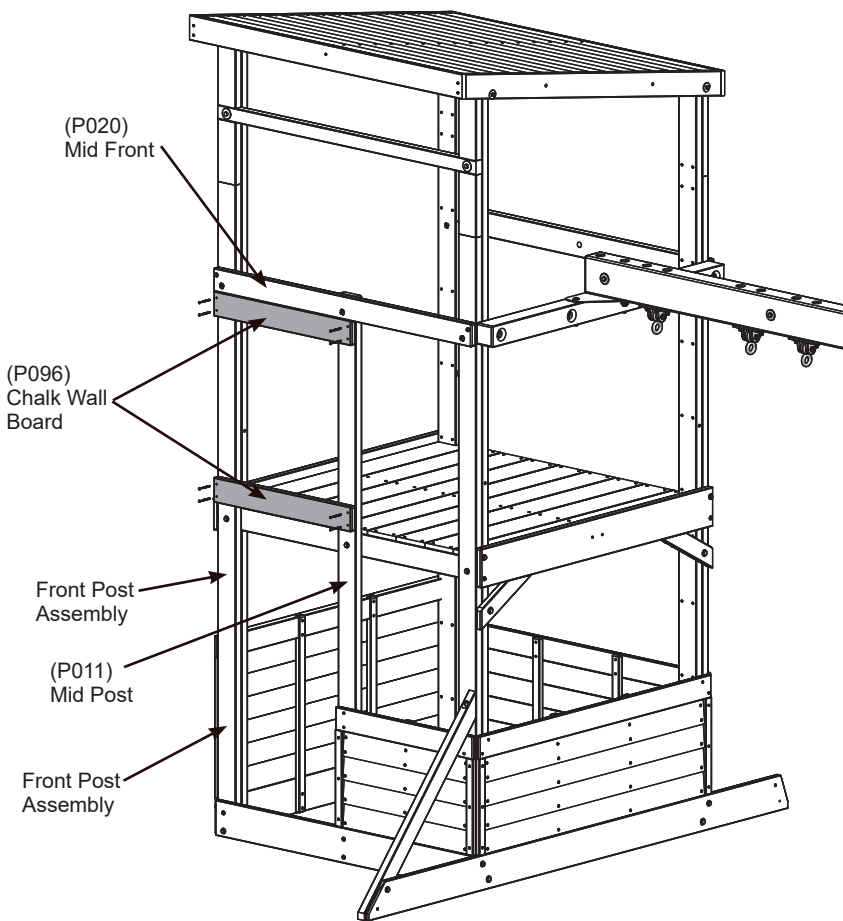
Step 19: Chalk Wall Assembly Part 1



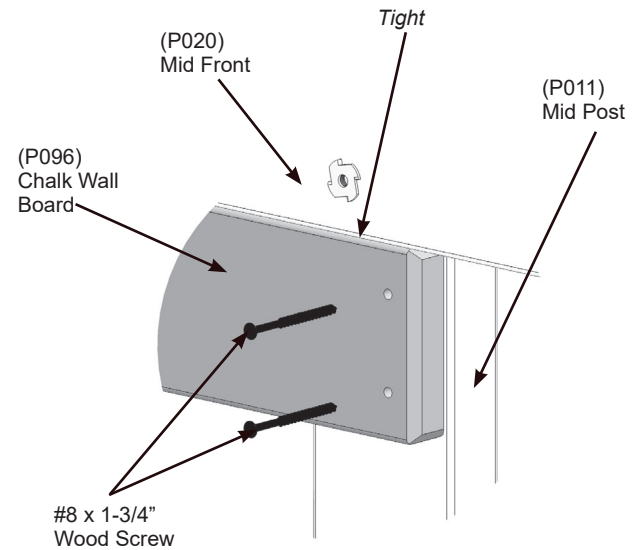
A: From outside the assembly on the left side of the Front Wall, place one (P096) Chalk Wall Board so it's tight under (P020) Mid Front and flush to the frame on both ends. Attach with four #8 x 1-3/4" Wood Screws. (F19.1 and F19.2)

B: Place a second (P096) Chalk Wall Board so it lines up with the floor boards and is flush to the frame on both ends then attach with four #8 x 1-3/4" Wood Screws. (F19.1 and F19.3)

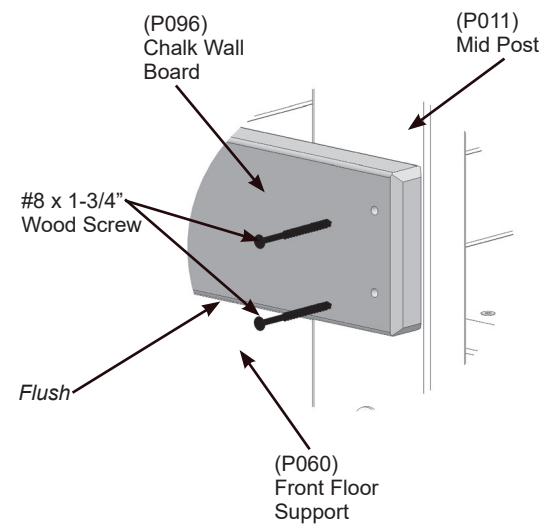
F19.1



F19.2



F19.3



Wood Parts

2 x (P096) Chalk Wall Board

Hardware

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

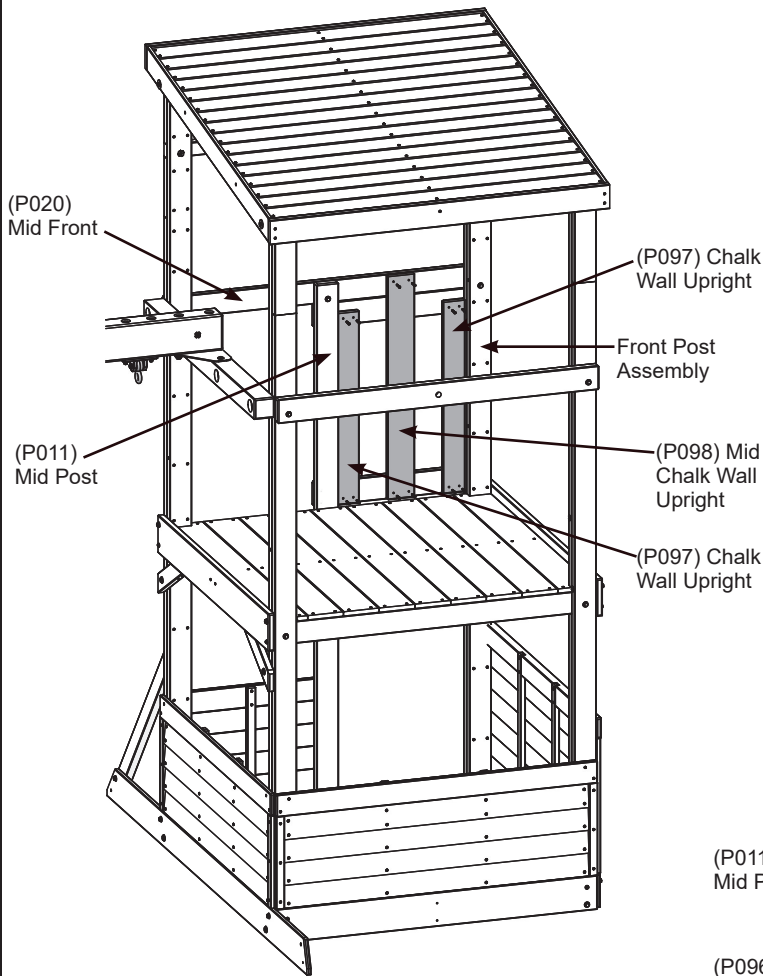
Step 19: Chalk Wall Assembly Part 2



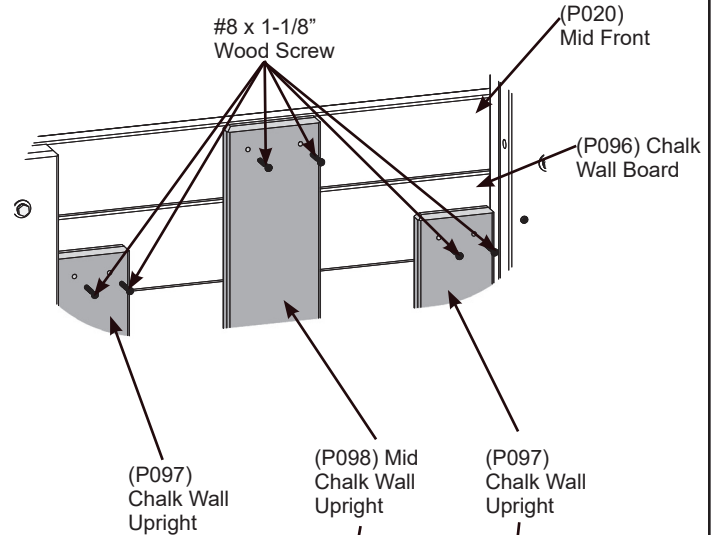
C: From inside the assembly, place one (P097) Chalk Wall Upright on each side of the chalk wall opening so they are tight to the frame. Attach using four #8 x 1-1/8" Wood Screws per board. (F19.4, F19.5 and F19.6)

D: Place (P098) Mid Chalk Wall Upright so it's evenly spaced between the (P097) Chalk Wall Uprights and attach using four #8 x 1-1/8" Wood Screws. (F19.4, F19.5 and F19.6)

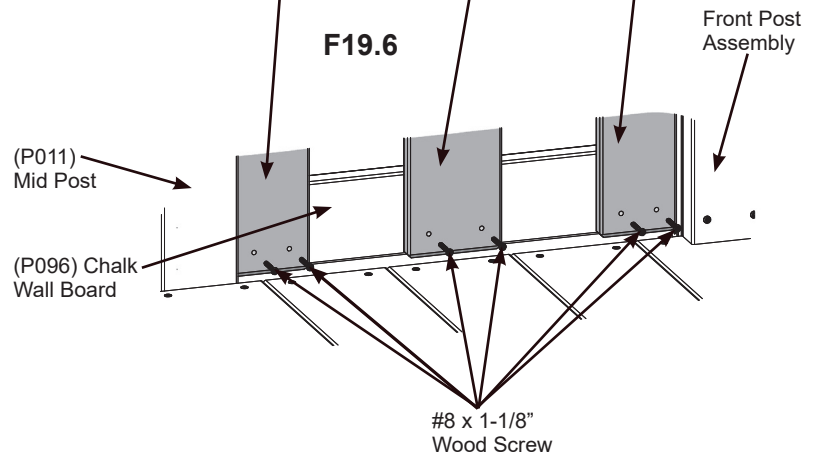
F19.4



F19.5



F19.6



Wood Parts

- 2 x (P097) Chalk Wall Upright
- 1 x (P098) Mid Chalk Wall Upright

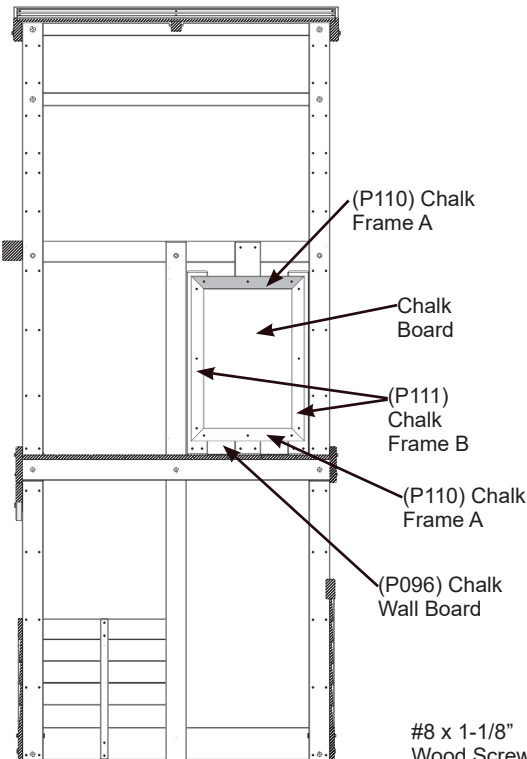
Hardware

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

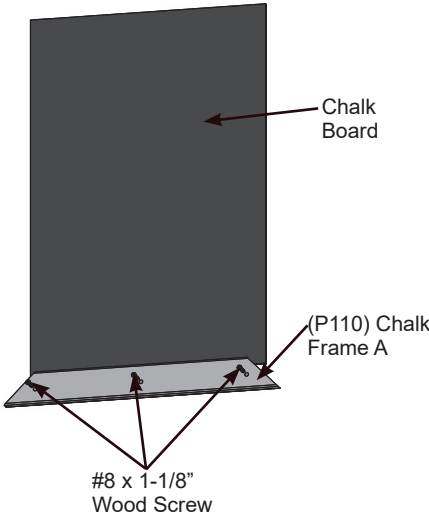
Step 19: Chalk Wall Assembly Part 3

- E: From inside the assembly, center one (P110) Chalk Frame A so it is flush with the top of (P096) Chalk Wall Board, attach with three #8 x 1-1/8" Wood Screws. (F19.7, F19.8 and F19.9)
- F: Insert Chalk Board behind (P110) Chalk Frame A so it's centered and sitting on the cutout of the chalk frame. (F19.7, F19.8 and F19.9)
- G: Checking that corners are flush, install a (P111) Chalk Frame B on each side of the Chalk Board with three #8 x 1-1/8" Wood Screws per board. (F19.7 and F19.10)
- H: Fit a (P110) Chalk Frame A over the top of the Chalk Board and attach using three #8 x 1-1/8" Wood Screws. (F19.7 and F19.11)

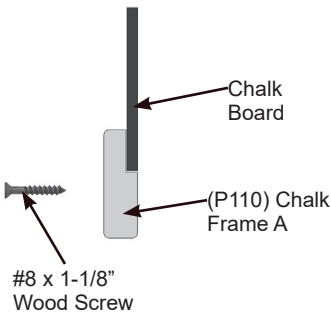
F19.7



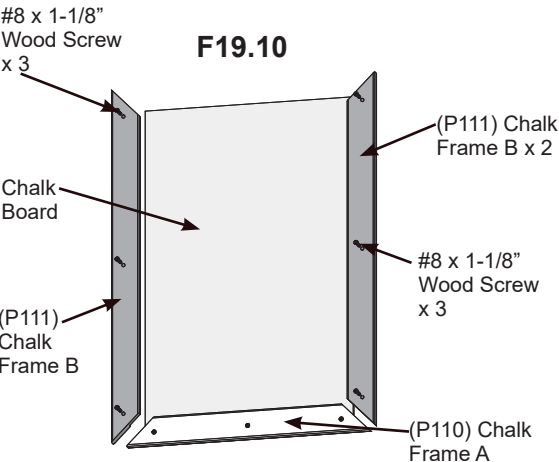
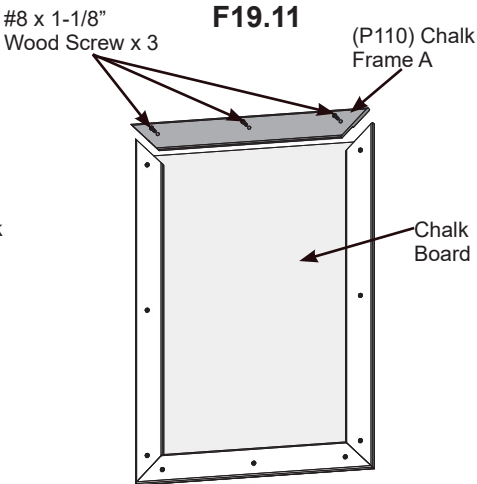
F19.8



F19.9



F19.12



Wood Parts

- 2 x (P110) Chalk Frame A
- 2 x (P111) Chalk Frame B

Components:

- 1 x Chalk Board

Hardware

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

Step 20: Rockwall Climber Assembly

Part 1



A: Lay two (P036) Rock Rails side by side, flat, with the angled ends facing downward. (F20.1 and F20.2)

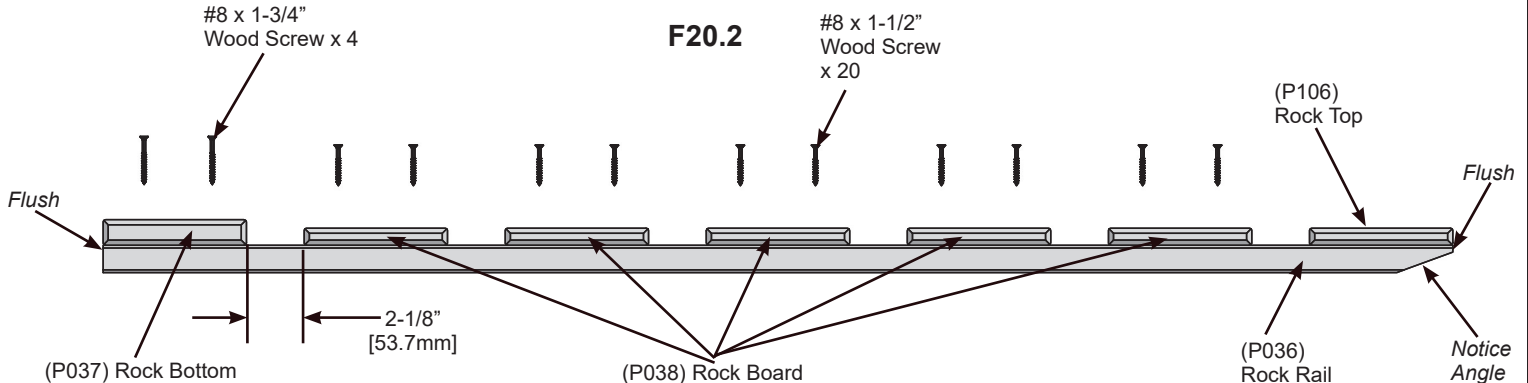
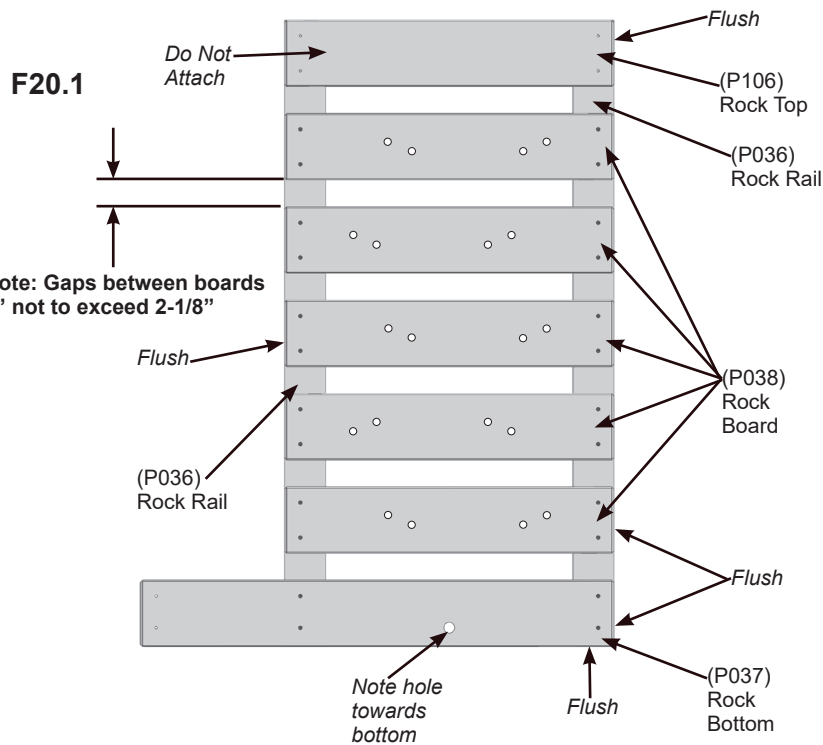
B: Place (P037) Rock Bottom across the bottom ends and flush to the right of the (P036) Rock Rails with the large hole towards the bottom. (F20.1)

C: At the opposite end of the (P036) Rock Rails, place one (P106) Rock Top so it's flush to the ends and outside edges of the rails. **Do not attach.** (F20.1)

D: Place five (P038) Rock Boards so they are flush to the edges of the (P036) Rock Rails, evenly spaced and do not exceed 2-1/8" [53.7mm] between boards. (F20.2) Orientate (P038) Rock Boards as shown in F20.1.

E: Attach (P037) Rock Bottom using four #8 x 1-3/4" Wood Screws.(F20.1 and F20.2)

F: Attach (P038) Rock Boards using four #8 x 1-1/2" Wood Screws per board. (F20.1 and F20.2)



Wood Parts

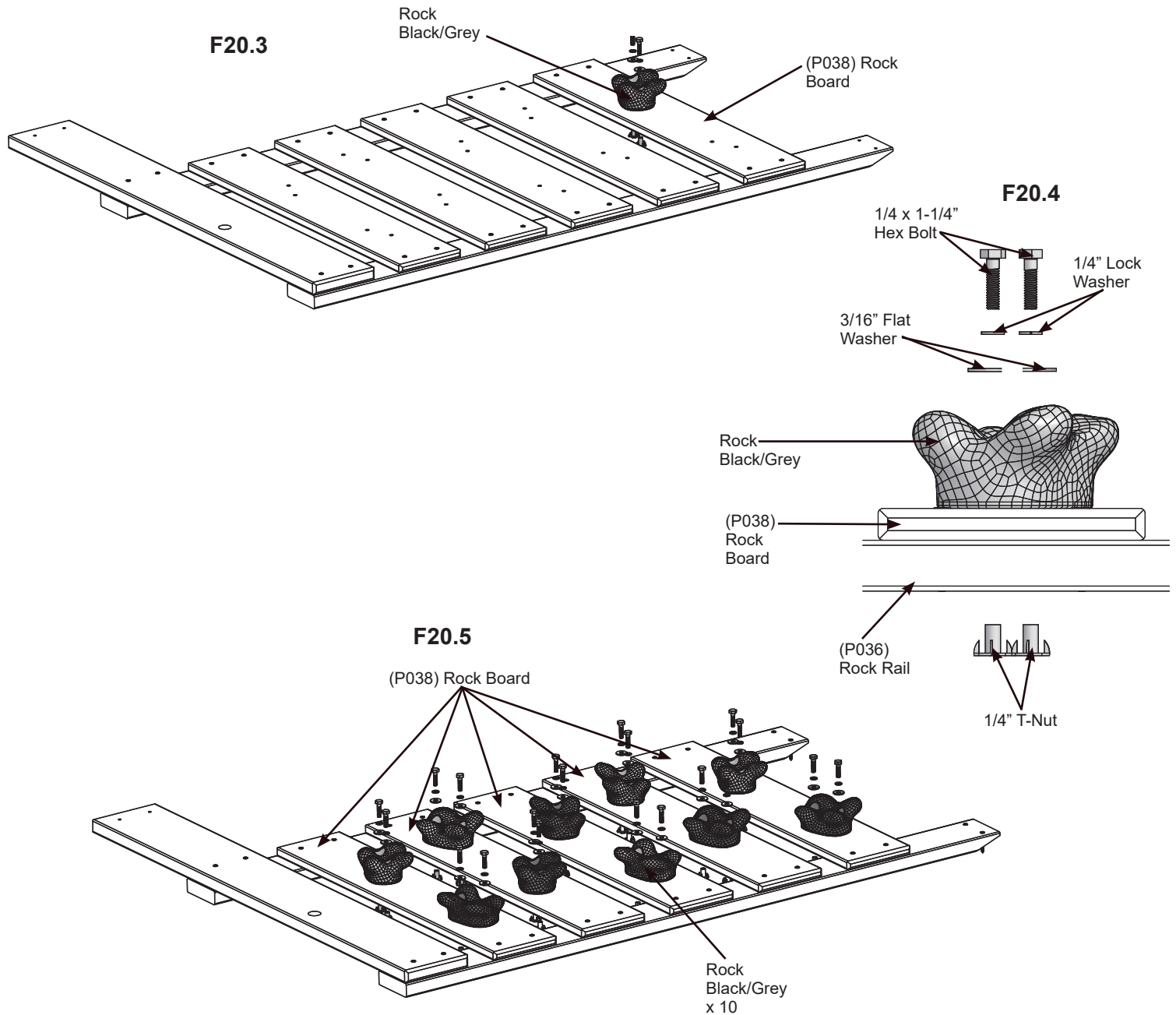
- 2 x (P036) Rock Rail
- 1 x (P037) Rock Bottom
- 5 x (P038) Rock Board

Hardware

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

Step 20: Rockwall Climber Assembly Part 2

G: Place 2 Rocks on each (P038) Rock Board, alternating colors as desired. Attach using two 1/4 x 1-1/4" Hex Bolts (with 1/4" lock washer, 3/16" flat washer and 1/4" t-nut) per Rock. (F20.3, F20.4 and F20.5)



Components:

5 x Rock Black
5 x Rock Grey

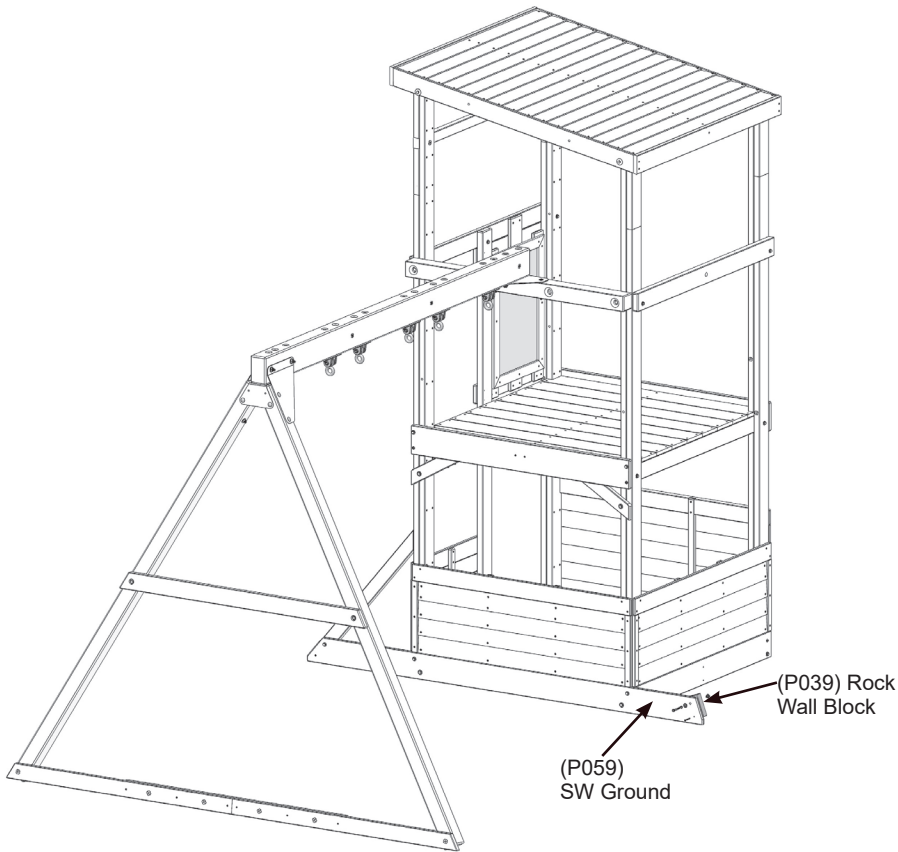
Hardware

20 x 1/4 x 1-1/4" Hex Bolt
(with 1/4" lock washer, 3/16" flat washer, 1/4" t-nut)

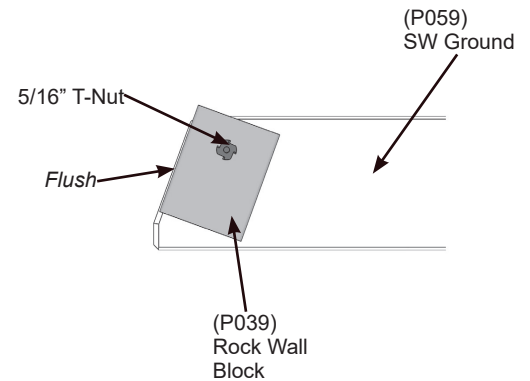
Step 20: Rockwall Climber Assembly Part 3

H: Flush to the inside end of (P059) SW Ground, position one (P039) Rock Wall Block as shown in F20.6 and F20.7. Attach loosely using one 5/16 x 2" Hex Bolt (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut). Check that the edge of the block is flush to the edge of the board, then tighten bolt and install one #8 x 1-1/2" Wood Screw. (F20.6, F20.7 and F20.8)

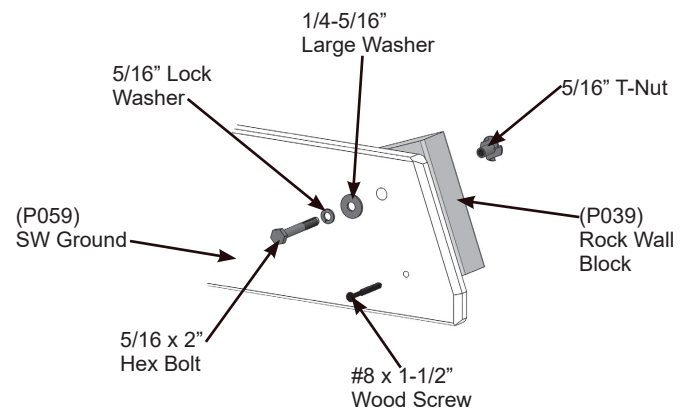
F20.6



F20.7



F20.8



Wood Parts

1 x (P039) Rock Wall Block

Hardware

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

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

Step 21: Attach Rockwall Climber Assembly Part 1

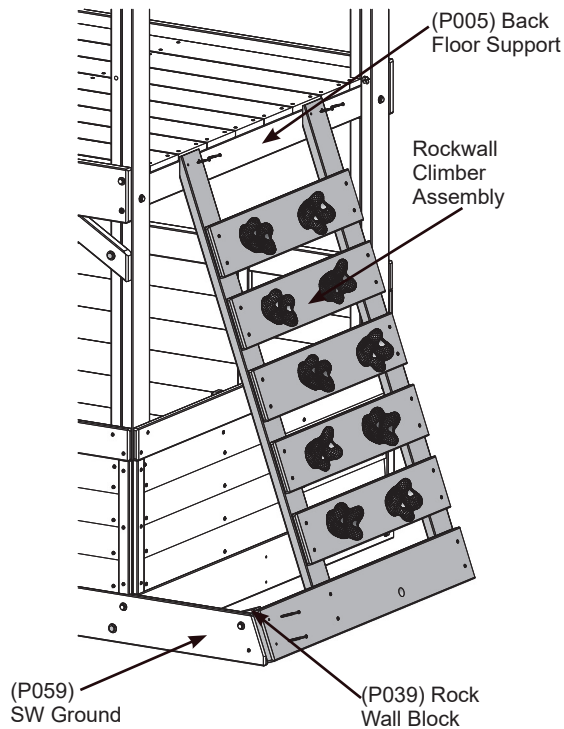


A: Place Rock Wall Assembly so it's centered in the opening on the Back Wall. (P037) Rock Bottom should be flush to the outside of (P059) SW Ground. Have a helper hold the Rock Wall in place, then attach (P037) Rock Bottom to (P039) Rock Wall Block using two #8 x 1-3/4" Wood Screws. (F21.1, F21.2 and F21.3)

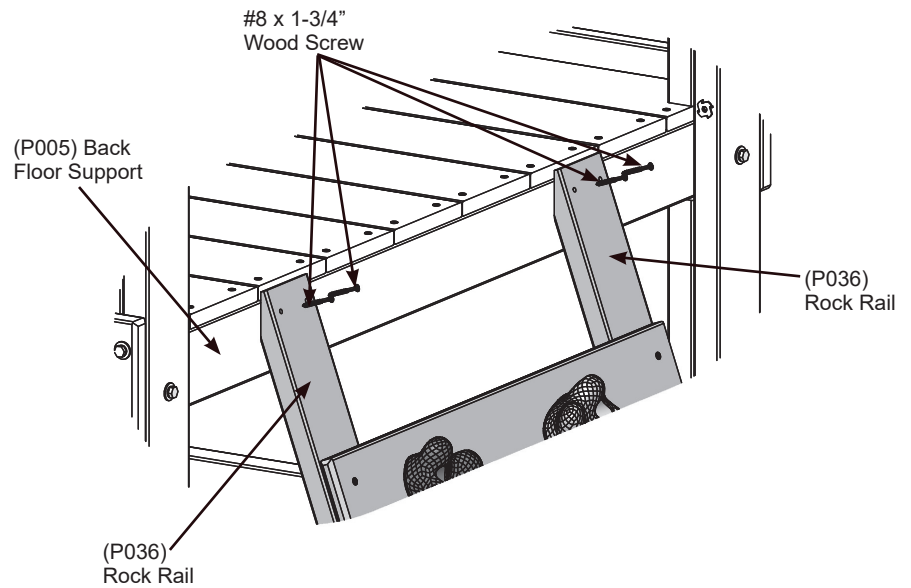
B: Attach the (P036) Rock Rail to (P005) Back Floor Support with two #8 x 1-3/4" Wood Screws per Rail. (F21.1 and F21.3)

C: Place (P106) Rock Top at the top of the Rock Wall so it's flush to the ends of (P036) Rock Rails. Attach using four #8 x 1-1/2" Wood Screws. (F21.4)

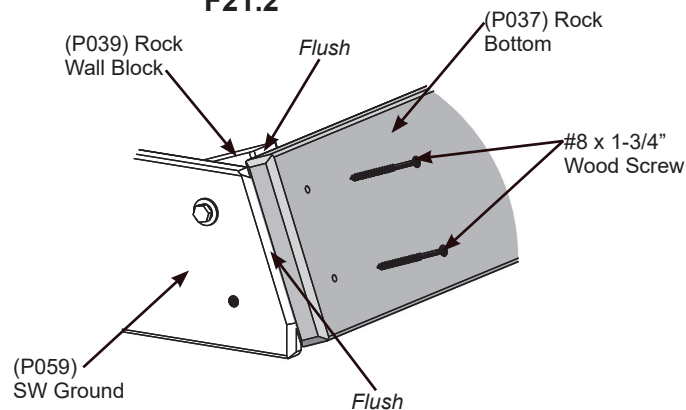
F21.1



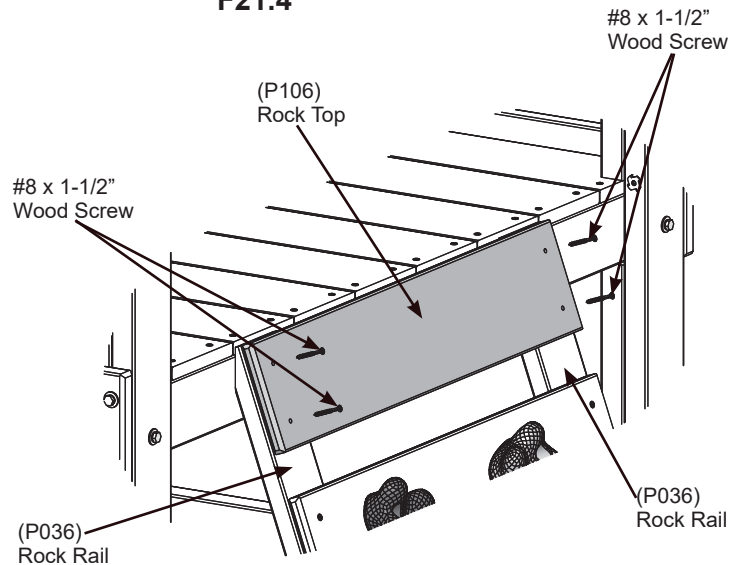
F21.3



F21.2



F21.4



Wood Parts

1 x (P106) Rock Top

Hardware

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

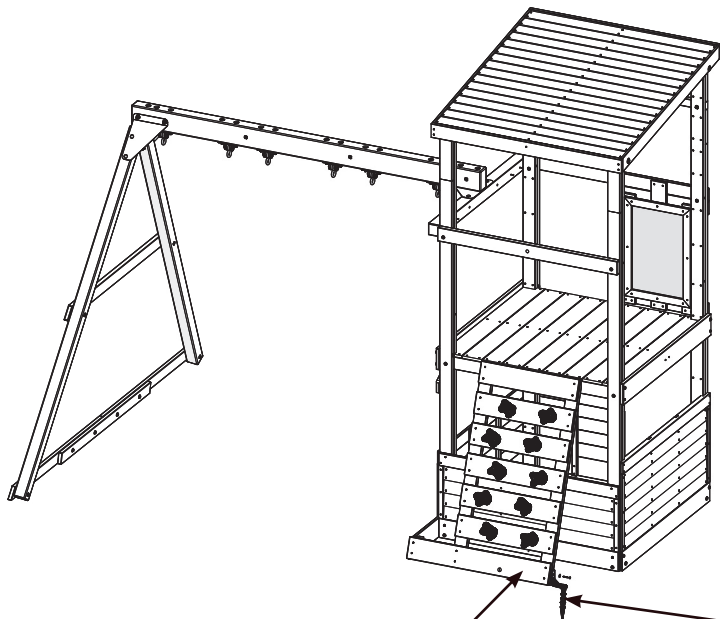
6 x #8 x 1-3/4" Wood Screw

Step 21: Attach Rockwall Climber Assembly Part 2

WARNING! To prevent tipping and avoid potential injury, stakes must be driven fully into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

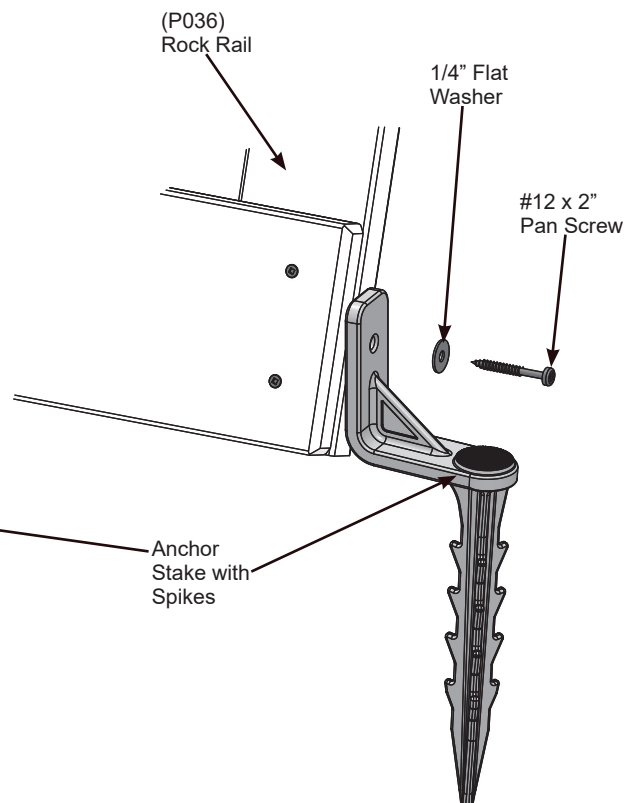
D: Drive Anchor Stake into the ground at the location shown in F21.5 and F21.6 then attach with one #12 x 2" Pan Screw (with 1/4" flat washer).

F21.5



Rockwall
Climber
Assembly

F21.6



(P036)
Rock Rail

1/4" Flat
Washer

#12 x 2"
Pan Screw

Anchor
Stake with
Spikes

Components:

1 x Anchor Stake with Spikes

Hardware

1 x #12 x 2" Pan Screw (with 1/4" flat washer)

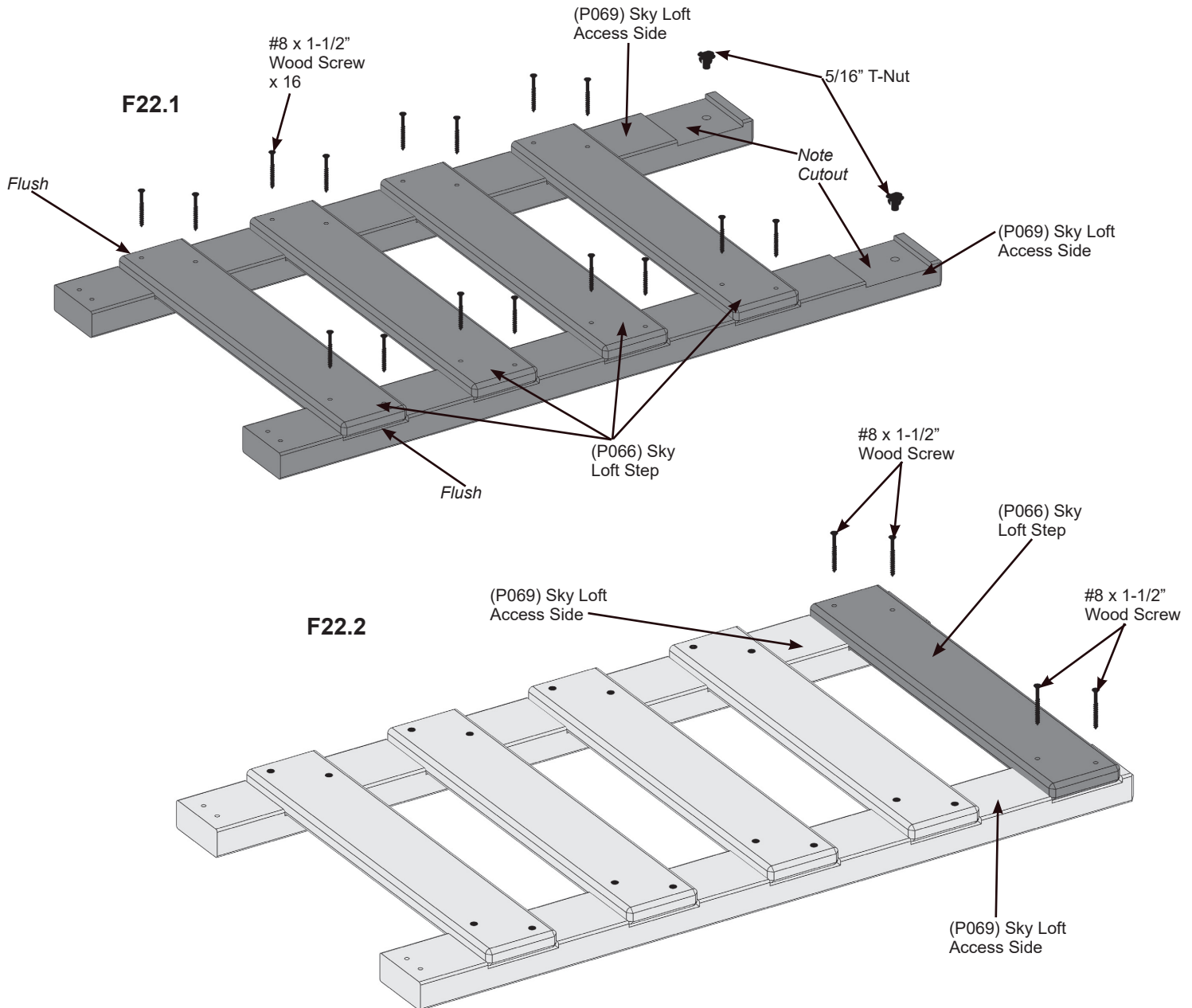
Step 22: Sky Loft Access

Part 1



A: Lay two (P069) Sky Loft Access Sides so they are side by side with the cut outs facing up. Place four (P066) Sky Loft Steps into the cut outs without holes so they are flush to the edges of the access sides. Make sure Access Assembly is square and attach with four #8 x 1-1/2" Wood Screws per board. (F22.1)

B: In each (P069) Sky Loft Access Side install one 5/16" T-nut, then place one (P066) Sky Loft Step into the cut out so it is flush to the edges of the Access sides and attach with four #8 x 1-1/2" Wood Screws. (F22.1 and F22.2)



Wood Parts

5 x (P066) Sky Loft Step
2 x (P069) Sky Loft Access Side

Hardware

20 x #8 x 1-1/2" Wood Screw
2 x 5/16" T-Nut

Step 22: Sky Loft Access

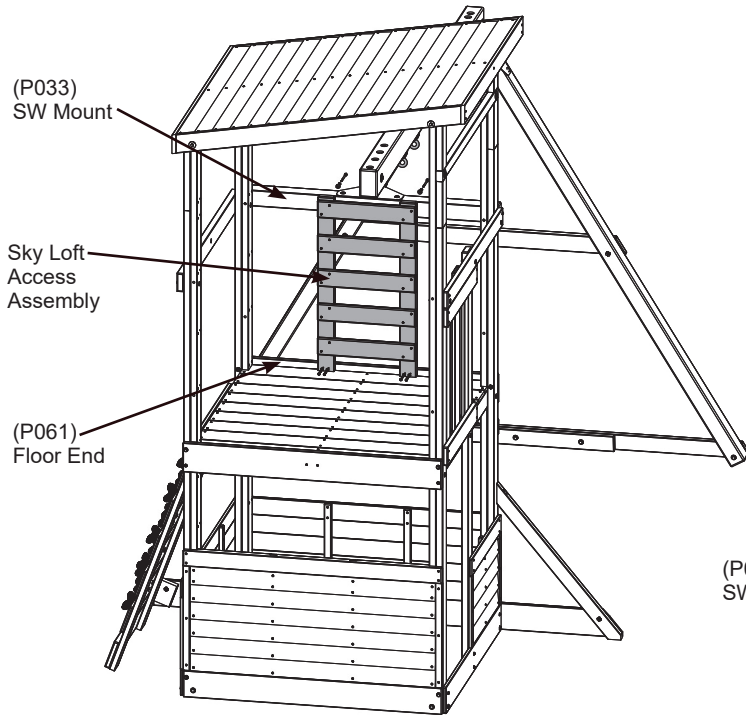
Part 2



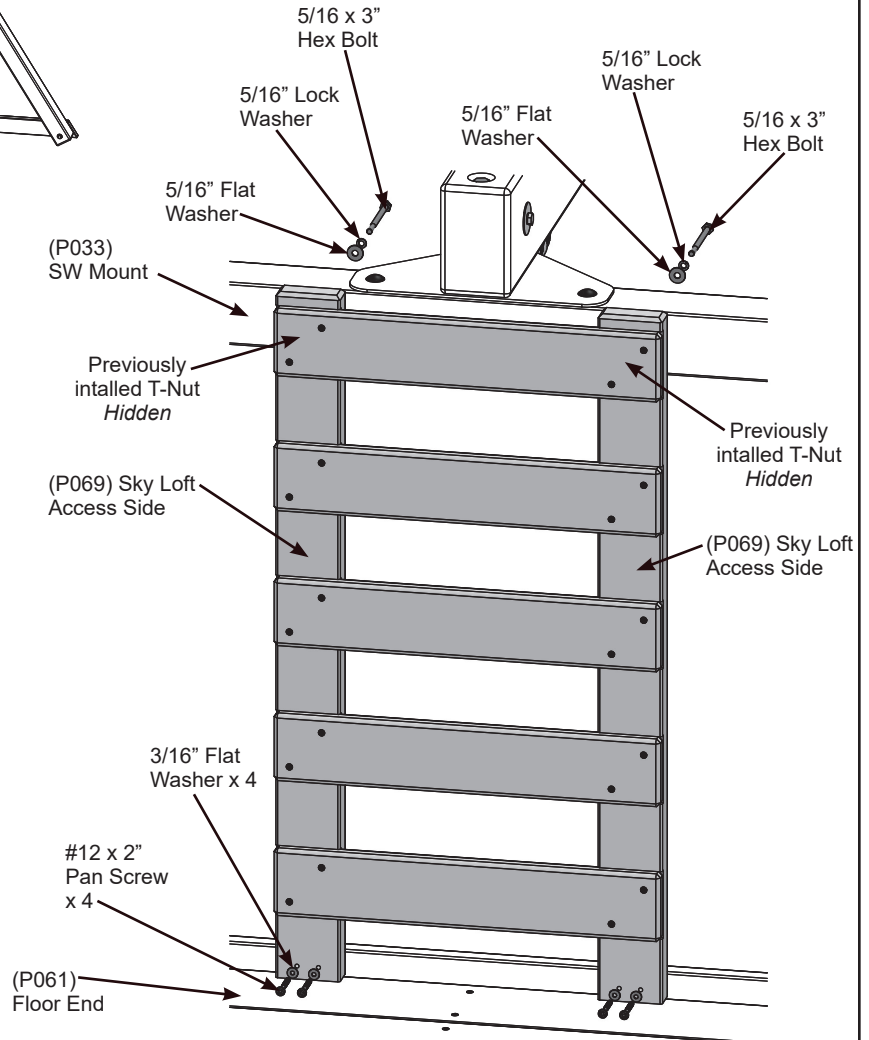
C: From inside the assembly, position Sky Loft Access so it is centred between posts and the end with the pre-installed t-nuts is at the top and aligns with the bolt holes in (P033) SW Mount. Attach to (P033) SW Mount using two 5/16 x 3" Hex Bolts (with 5/16" lock washer and 5/16" flat washer) into previously installed t-nuts.

D: Attach the bottom of the Sky Loft Access to (P061) Floor End using four #12 x 2" Pan Screws (with 3/16" flat washer). (F22.3 and F22.4)

F22.3



F22.4



Hardware

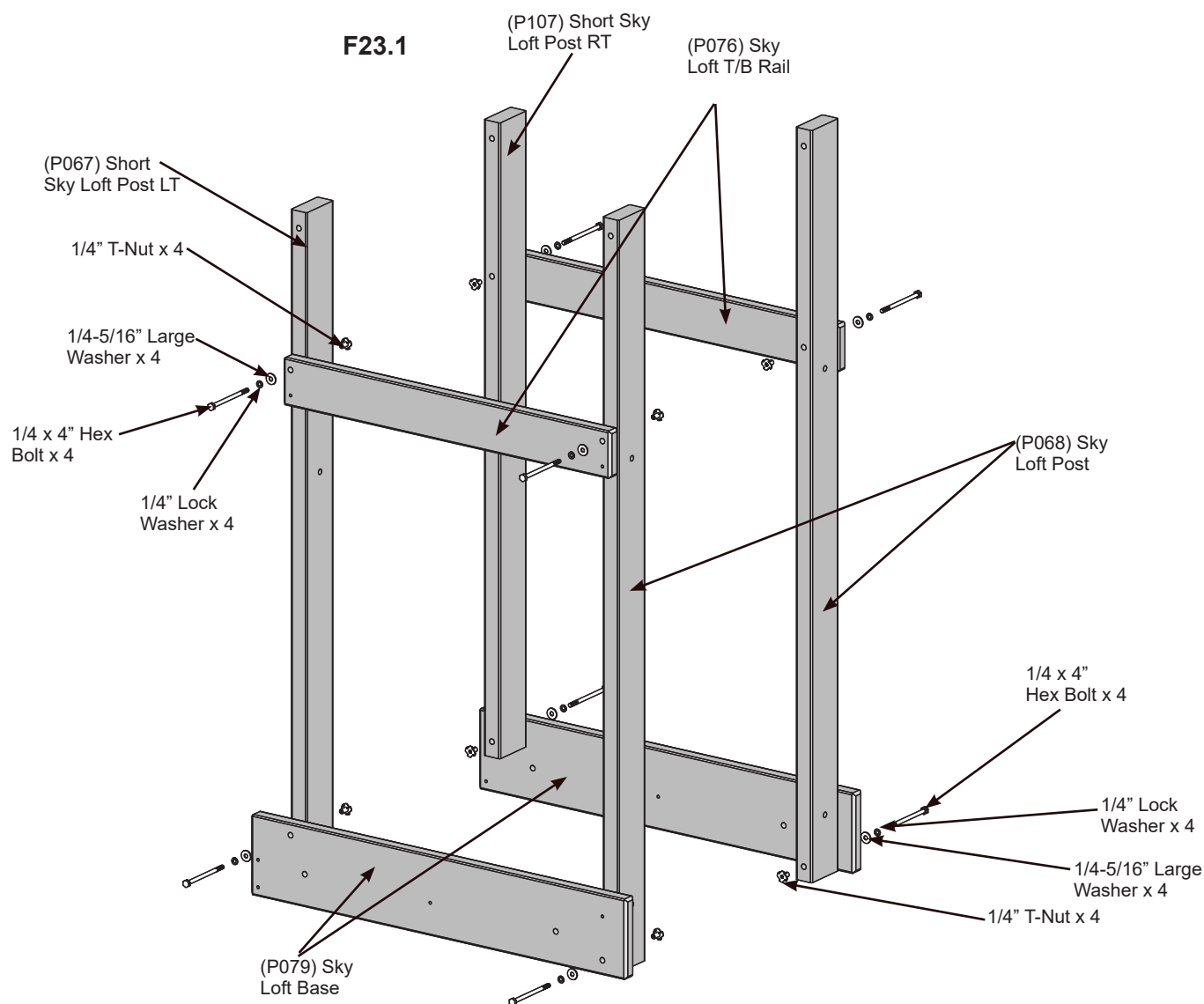
4 x #12 x 2" Pan Screw (with 3/16" flat washer)

2 x 5/16 x 3" Hex Bolt
(with 5/16" lock washer, 5/16" flat washer)

Step 23: Sky Loft Assembly

Part 1

- A:** Taking note of hole orientation, loosely attach one (P068) Sky Loft Post and one (P067) Short Sky Loft Post LT to a (P079) Sky Loft Base using two 1/4 x 4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F23.1)
- B:** Taking note of hole orientation, loosely attach one (P068) Sky Loft Post and one (P107) Short Sky Loft Post RT to a (P079) Sky Loft Base using two 1/4 x 4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F23.1)
- C:** Loosely attach (P076) Sky Loft T/B Rail to (P067) Short Sky Loft Post LT and (P068) Sky Loft Post using two 1/4 x 4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut).
- D:** Loosely attach (P076) Sky Loft T/B Rail to (P107) Short Sky Loft Post RT and (P068) Sky Loft Post using two 1/4 x 4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut).



Wood Parts

- 1 x (P067) Short Sky Loft Post LT
- 2 x (P068) Sky Loft Post
- 2 x (P076) Sky Loft T/B Rail
- 2 x (P079) Sky Loft Base
- 1 x (P107) Short Sky Loft Post RT

Hardware

- 8 x 1/4 x 4" Hex Bolt (with 1/4" lock washer, 1/4-5/16" large washer, 1/4" t-nut)

Step 23: Sky Loft Assembly Part 2

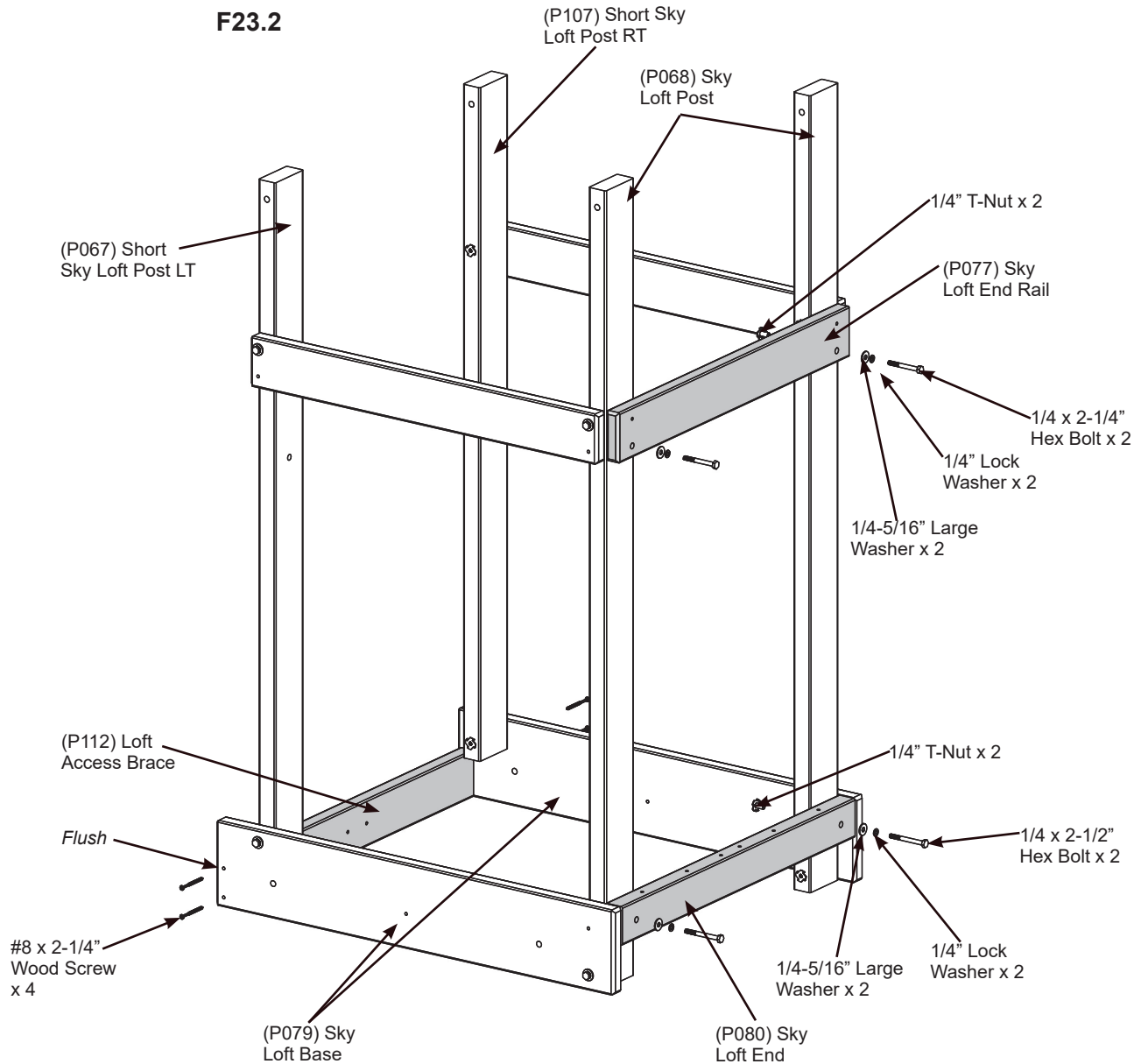


E: Stand the assemblies side by side with Posts to the inside, then loosely attach (P080) Sky Loft End to the lower holes of (P068) Sky Loft Posts using two 1/4 x 2-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F23.2)

F: Taking note of hole orientation, loosely attach (P077) Sky Loft End Rail in the upper holes of (P068) Sky Loft Posts using two 1/4 x 2-1/4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut) per board. (F23.2)

G: On the opposite end of the assembly place (P112) Loft Access Brace between the (P079) Sky Loft Bases flush to the edge and bottom then attach from the outside using four #8 x 2-1/4" Wood Screws. (F23.2)

F23.2



Wood Parts

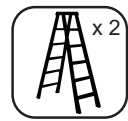
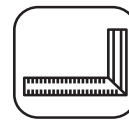
- 1 x (P077) Sky Loft End Rail
- 1 x (P080) Sky Loft End
- 1 x (P112) Loft Access Brace

Hardware

- 2 x 1/4 x 2-1/4" Hex Bolt
(with 1/4" lock washer, 1/4-5/16" large washer, 1/4" t-nut)
- 2 x 1/4 x 2-1/2" Hex Bolt
(with 1/4" lock washer, 1/4-5/16" large washer, 1/4" t-nut)
- 4 x #8 x 2-1/4" Wood Screw

Step 24: Install Sky Loft

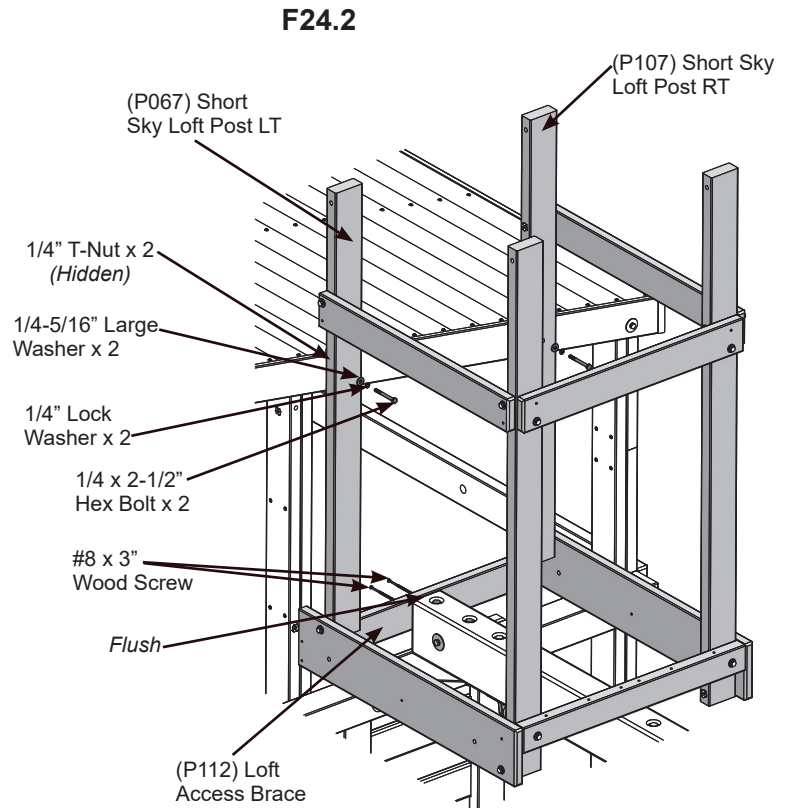
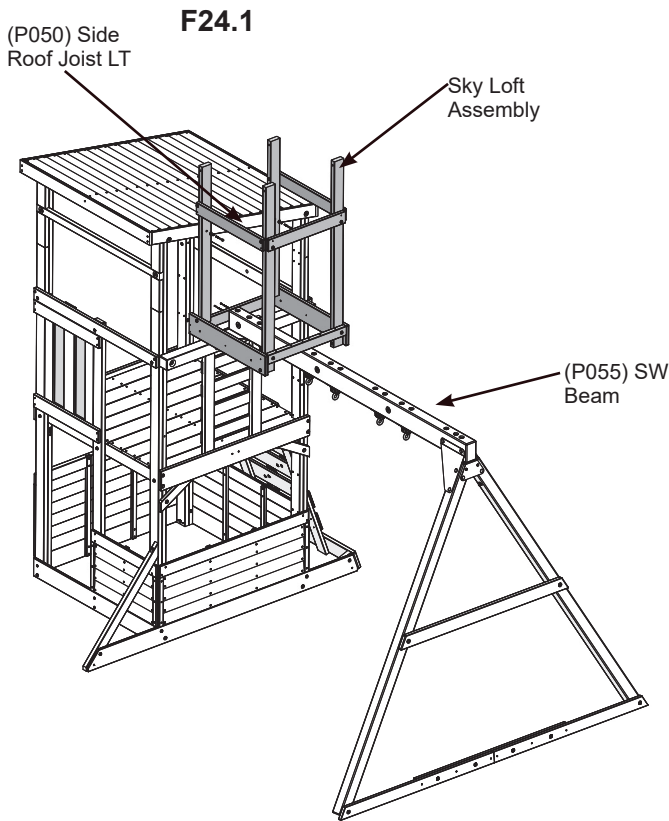
Part 1



A: With at least 1 helper, center Sky Loft Assembly onto (P055) SW Beam and loosely attach through (P049) Side Roof Joist RT using two 1/4 x 2-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F24.1 and F24.2)

B: Attach (P112) Loft Access Brace to (P055) SW Beam with two #8 x 3" Wood Screws. Make sure it is centered on and flush to the top of (P055) SW Beam. (F24.1 and F24.2)

C: Check to make sure Sky Loft is square, then tighten all previously installed bolts.



Hardware

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

2 x #8 x 3" Wood Screw

Step 24: Install Sky Loft

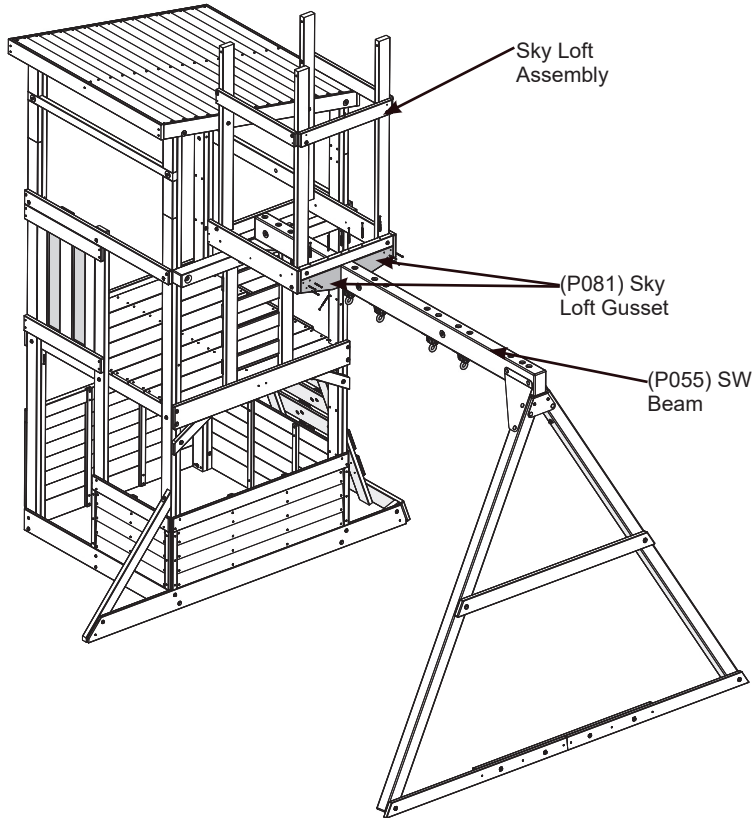
Part 2



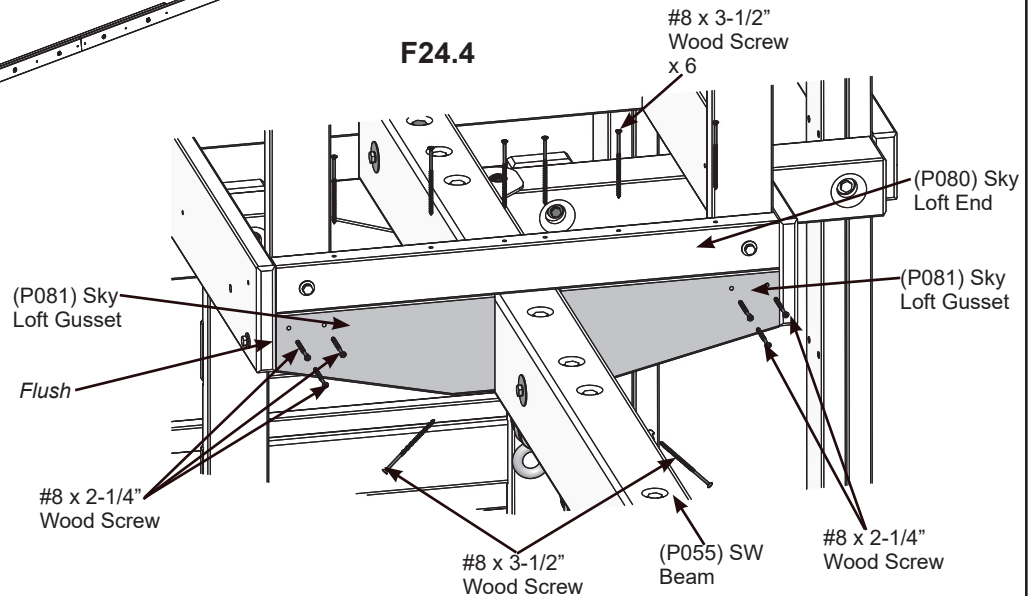
D: Place two (P081) Sky Loft Gussets under (P080) Sky Loft End as shown in F24.4. Attach using six #8 x 3-1/2" Wood Screws and from underneath with two #8 x 3-1/2" Wood Screws. (F24.3 and F24.4)

E: Attach (P081) Sky Loft Gussets to (P068) Sky Loft Posts using three #8 x 2-1/4" Wood Screws per Gusset. (F24.3 and F24.4)

F24.3



F24.4



Wood Parts

2 x (P081) Sky Loft Gusset

Hardware

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

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

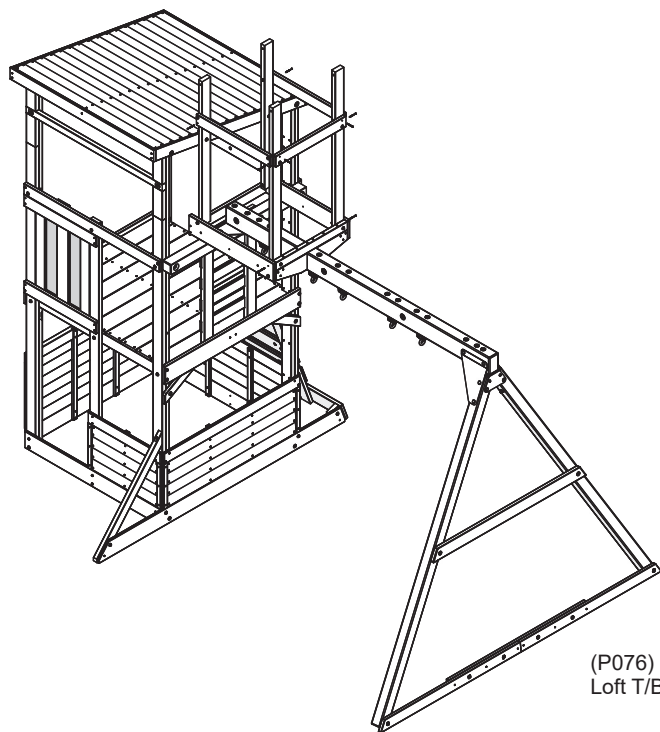
Step 24: Install Sky Loft

Part 3

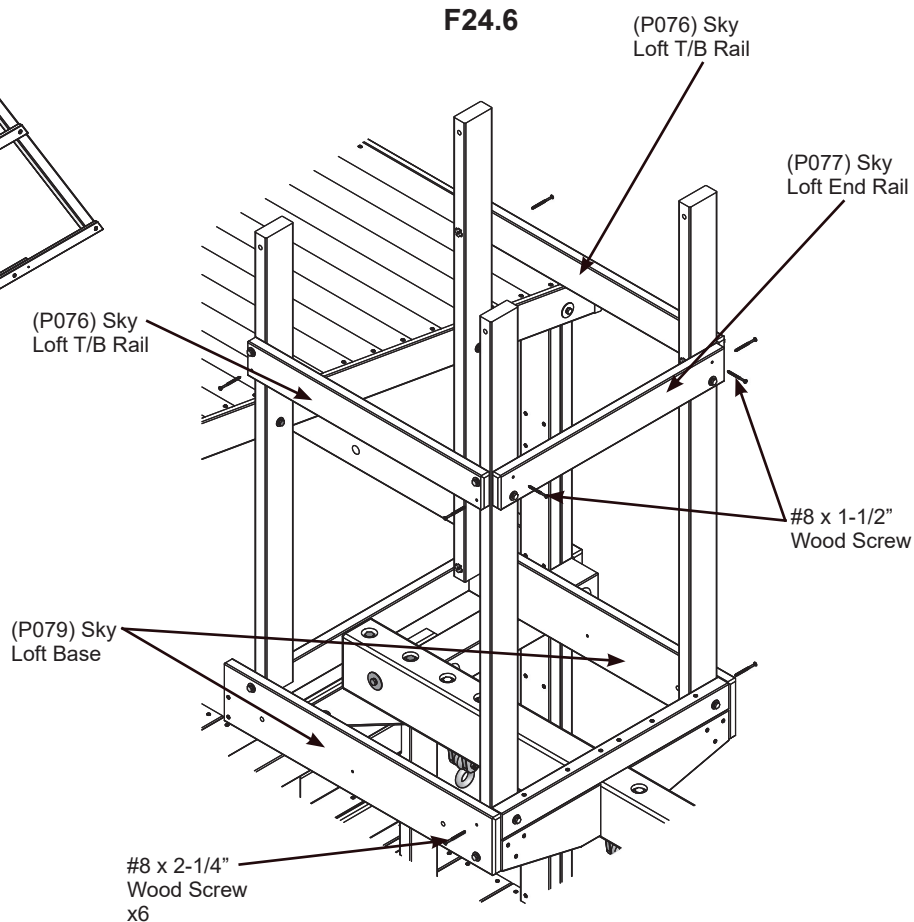


F: Install one #8 x 2-1/4" Wood Screw into each (P079) Sky Loft Base, two #8 x 2-1/4" Wood Screws into each (P076) Sky Loft T/B Rail and two #8 x 1-1/2" Wood Screws into (P077) Sky Loft End Rail. (F24.5 and F24.6)

F24.5



F24.6



Hardware

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

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

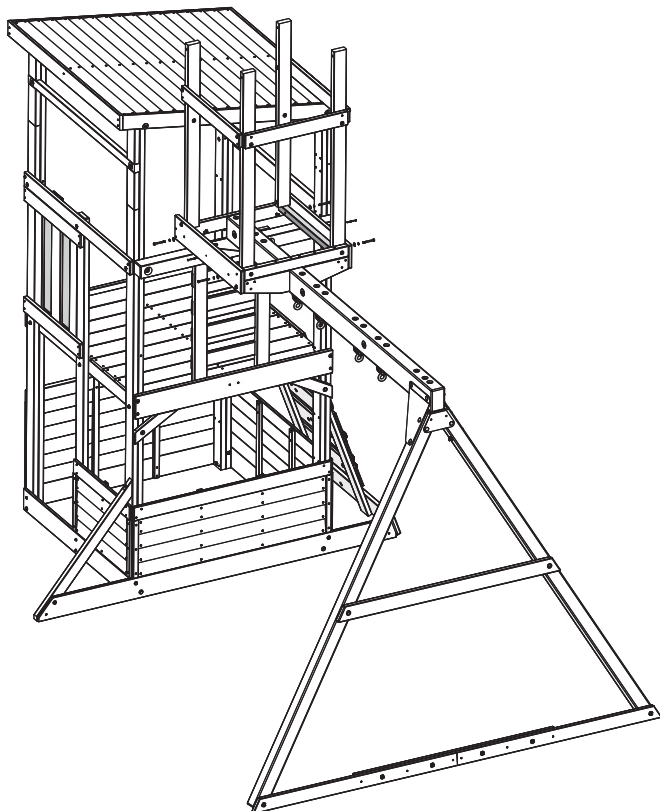
Step 25: Sky Loft Floor Assembly

Part 1

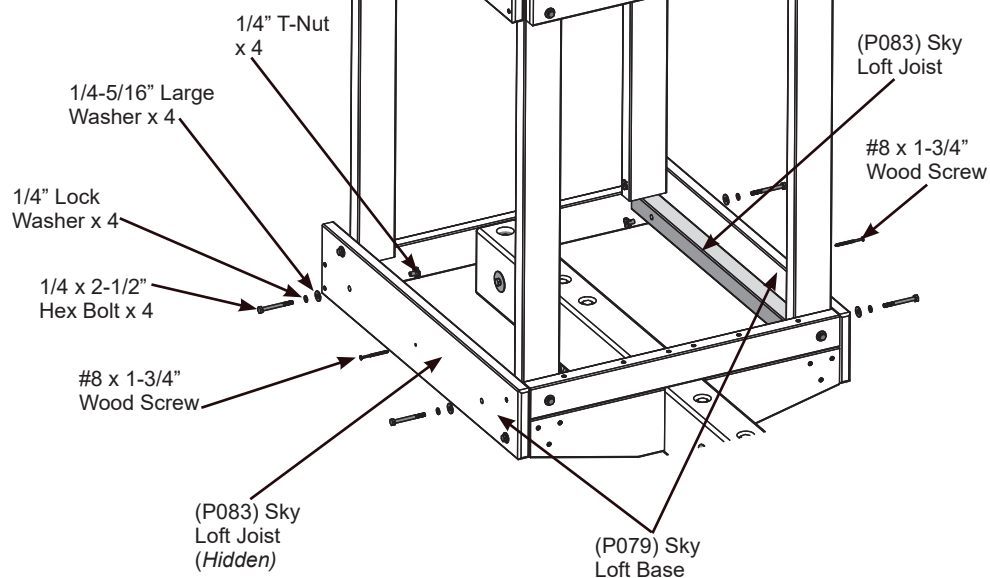


A: Attach a (P083) Sky Loft Joist to each (P079) Sky Loft Base as shown in F25.2 using two 1/4 x 2-1/2" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nuts) and one #8 x 1-3/4" Wood Screw per board. (F25.1 and F25.2)

F25.1



F25.2



Wood Parts

2 x (P083) Sky Loft Joist

Hardware

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

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

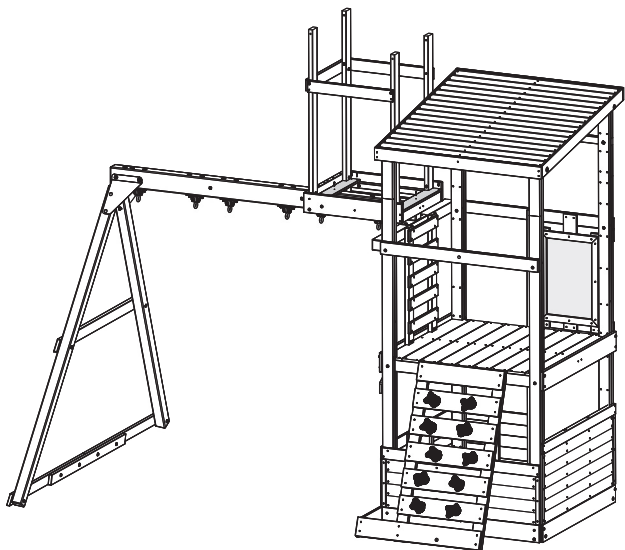
Step 25: Sky Loft Floor Assembly

Part 2

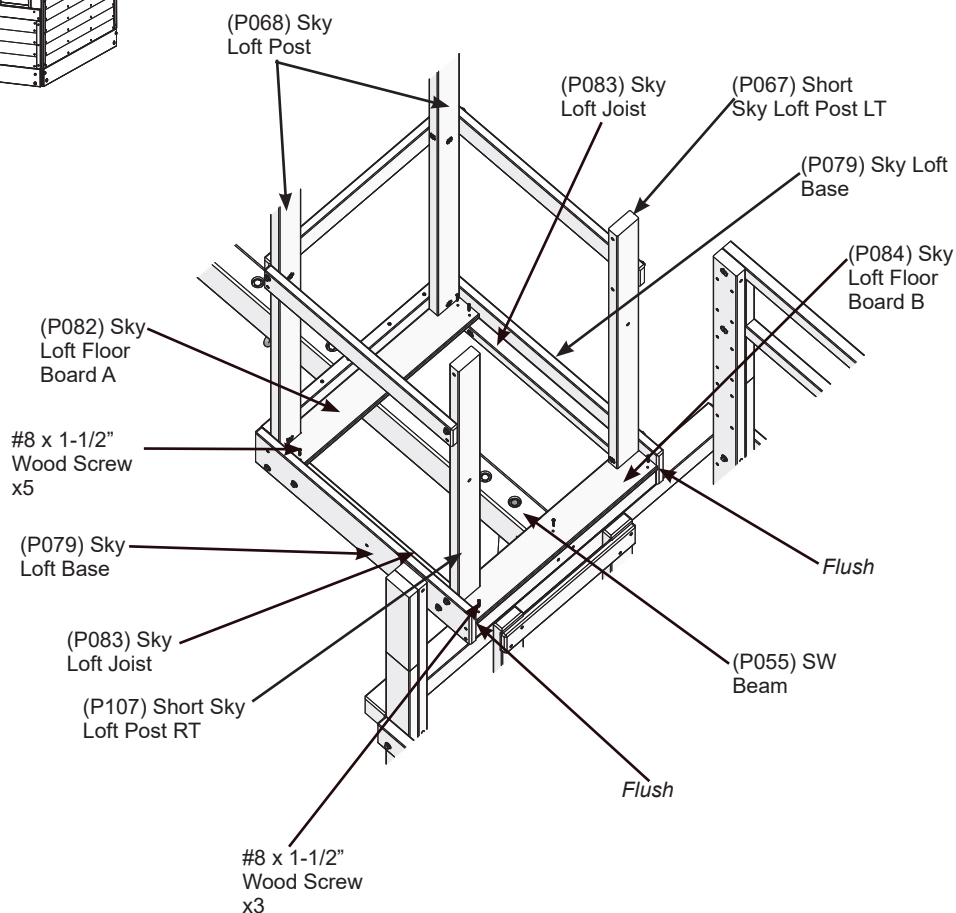


B: Slide one (P084) Sky Loft Floor Board B under the Short Sky Loft Posts so it's flush to the edges of the (P079) Sky Loft Bases. At the opposite end of the floor, place (P082) Sky Loft Floor Board A so it's tight to the (P068) Sky Loft Posts. Attach floor boards to (P083) Sky Loft Joists and (P055) SW Beam using eight #8 x 1-1/2" Wood Screws. (F25.3 and F25.4)

F25.3



F25.4



Wood Parts

- 1 x (P082) Sky Loft Floor Board A
- 1 x (P084) Sky Loft Floor Board B

Hardware

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

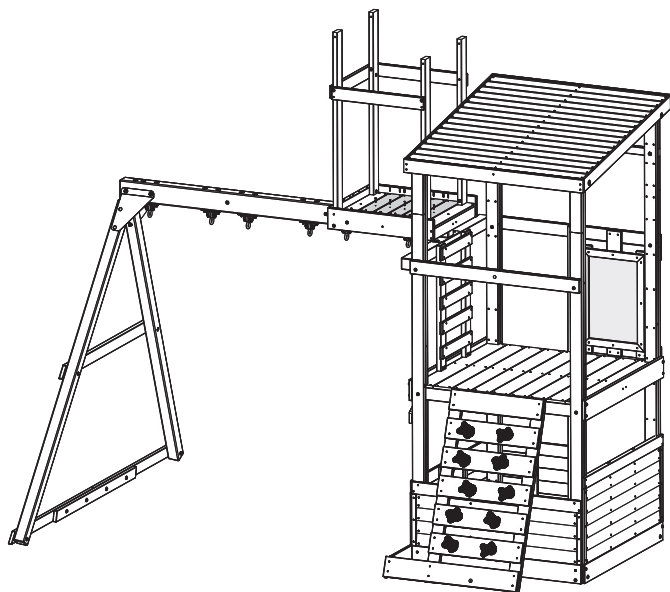
Step 25: Sky Loft Floor Assembly

Part 3

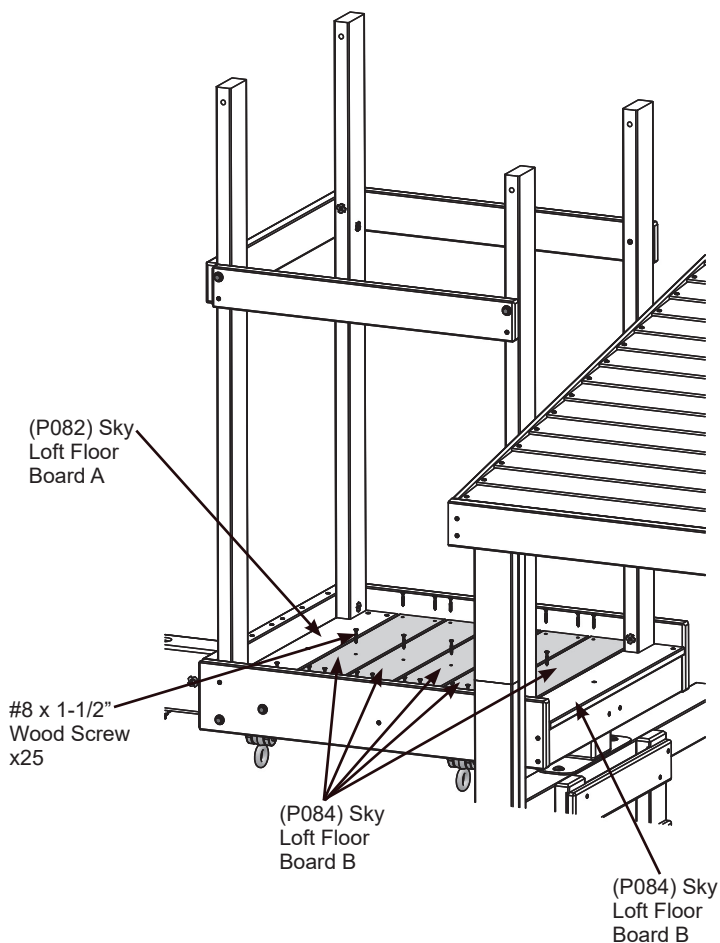


C: Evenly space the remaining five (P084) Sky Loft Floor Board B's and attach to (P083) Sky Loft Joist and (P055) SW Beam using five #8 x 1-1/2" Wood Screws per floor board. (F25.5 and F25.6)

F25.5



F25.6



Wood Parts

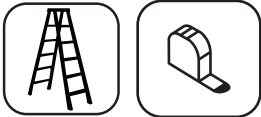
5 x (P084) Sky Loft Floor Board B

Hardware

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

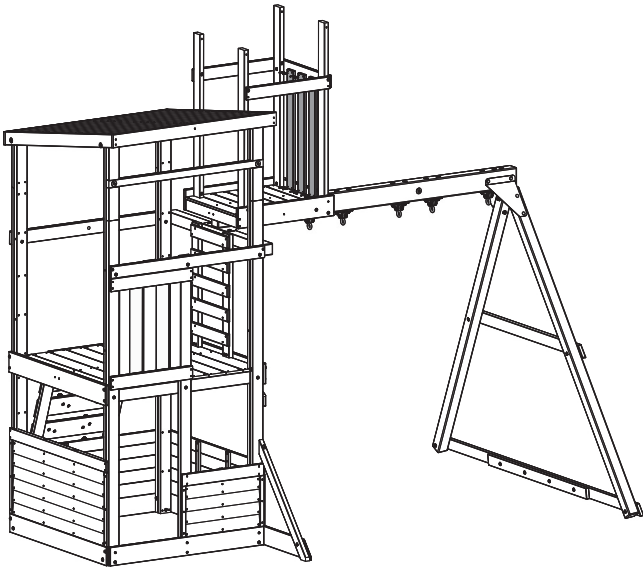
Step 26: Sky Loft Wall Boards

Part 1

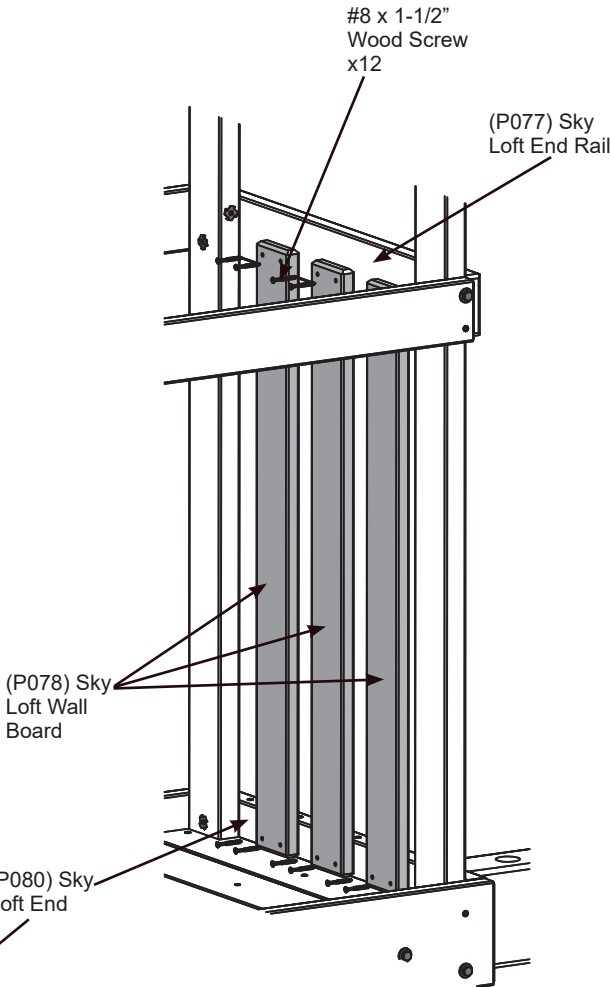


A: Place three (P078) Sky Loft Wall Boards so they are tight to the floor and evenly spaced in the swing end opening of the Sky Loft. Attach to (P077) Sky Loft End Rail and (P080) Sky Loft End using four #8 x 1-1/2" Wood Screws per board. (F26.1, F26.2 and F26.3)

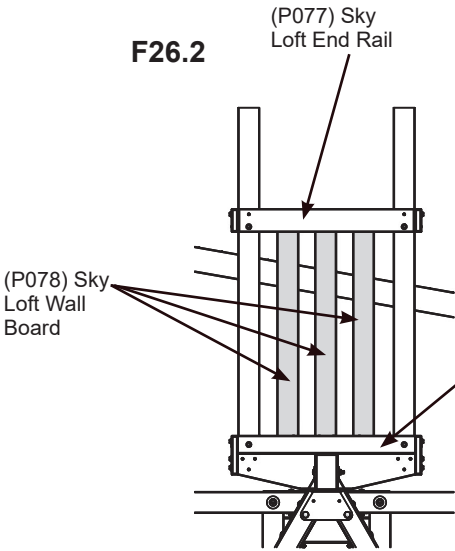
F26.1



F26.3



F26.2



Wood Parts

3 x (P078) Sky Loft Wall Board

Hardware

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

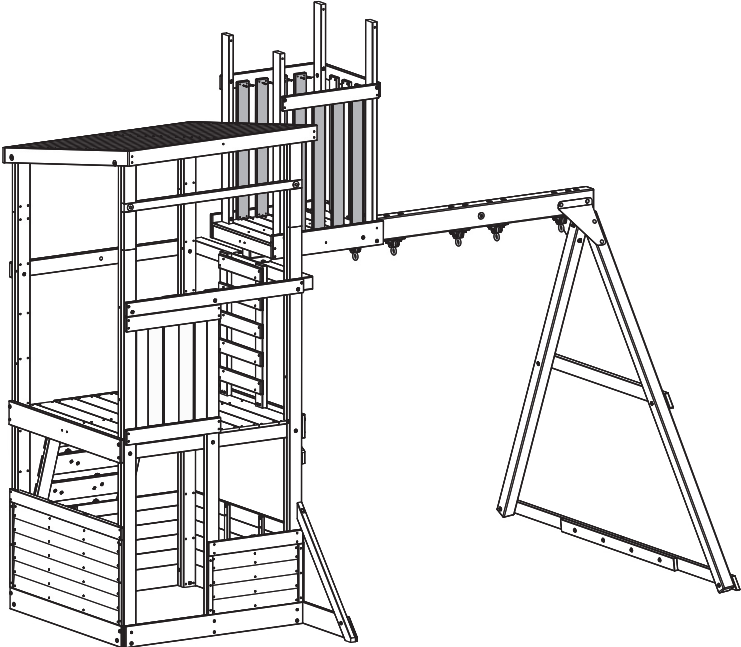
Step 26: Sky Loft Wall Boards

Part 2

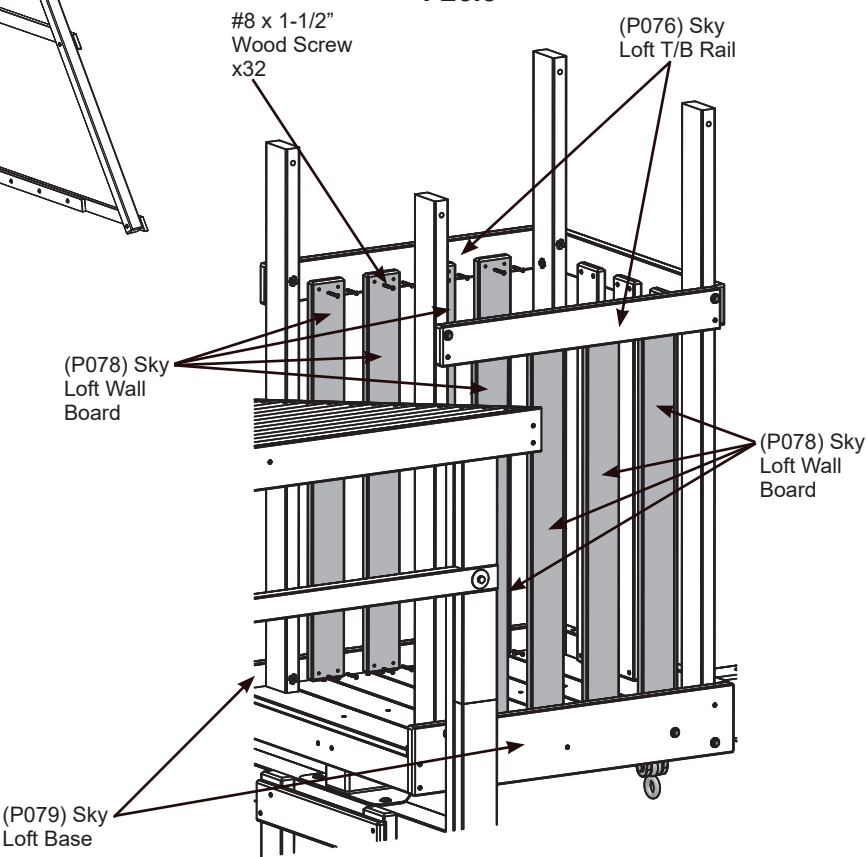


B: Evenly space four (P078) Sky Loft Wall Boards in each side wall opening of the Sky Loft and attach to (P079) Sky Loft Base and (P076) Sky Loft T/B Rail using four #8 x 1-1/2" Wood Screws per board. (F26.4 and F26.5)

F26.4



F26.5



Wood Parts

8 x (P078) Sky Loft Wall Board

Hardware

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

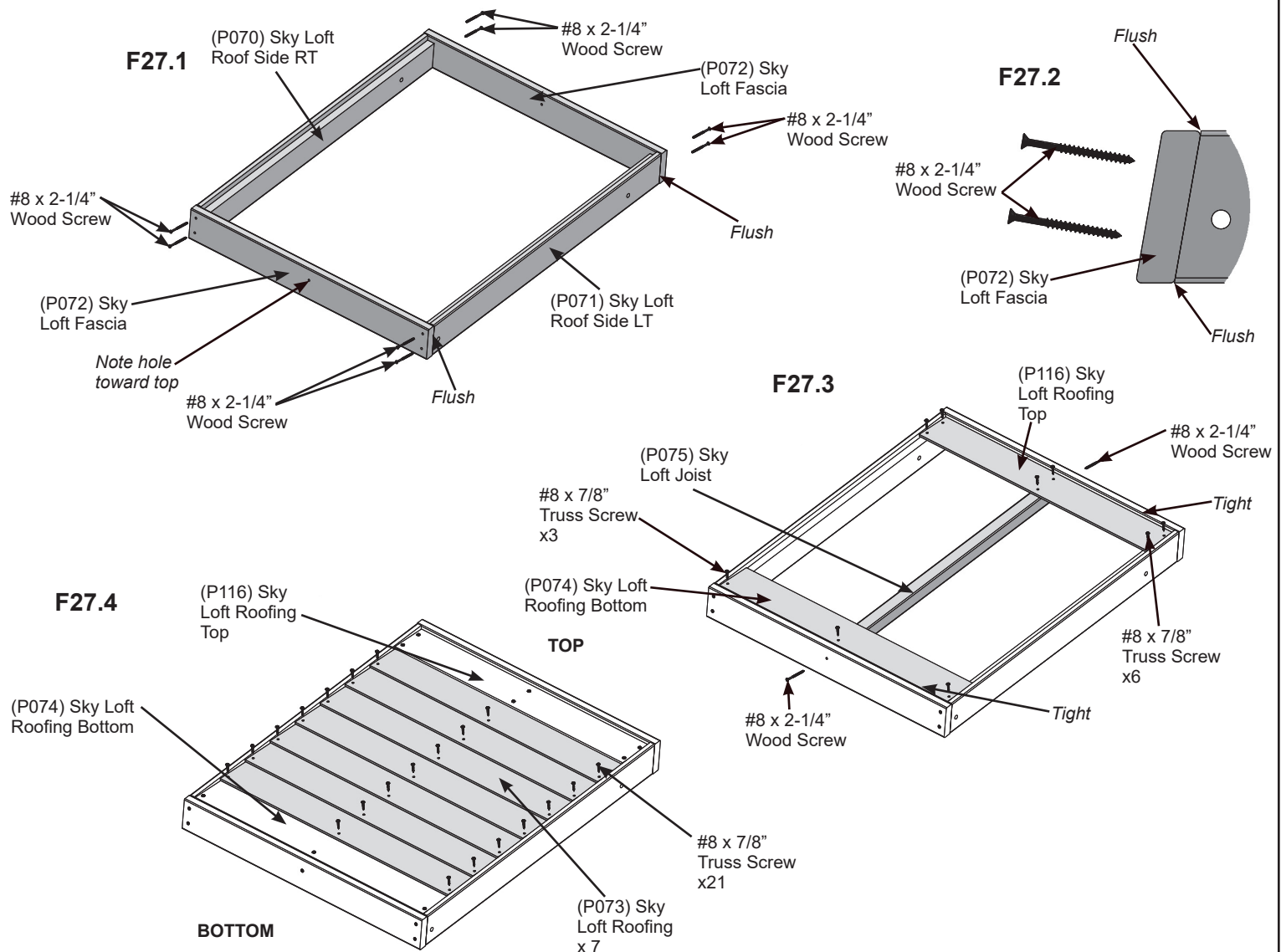
Step 27: Sky Loft Roof Assembly

A: Place (P071) Sky Loft Roof Side LT and (P070) Sky Loft Roof Side RT on their edges with the cut-outs to the inside. Place one (P072) Sky Loft Fascia at each end of the Roof Sides so the corners are flush and middle hole is to the top then attach using four #8 x 2-1/4" Wood Screws per board. (F27.1 and F27.2)

B: Place a (P074) Sky Loft Roofing Bottom tight to the bottom of the assembly and attach with two #8 x 7/8" Truss Screws. Place (P116) Sky Loft Roofing Top tight to the top and attach with four #8 x 7/8" Truss Screws. (F27.3 and F27.4)

C: Center (P075) Sky Loft Roof Joist over the pilot holes in (P072) Sky Loft Fascia's making sure it's tight to the roofing boards. Attach using two #8 x 2-1/4" Wood Screws then attach Roof Boards with three #8 x 7/8" Truss Screws. (F27.3)

D: Place seven (P073) Sky Loft Roofing boards between the (P074) Sky Loft Roofing Bottom and (P116) Sky Loft Roofing Top so they evenly spaced. Attach using three #8 x 7/8" Truss Screws per Roofing. (F27.4)



Wood Parts

- | | |
|----------------------------------|------------------------------------|
| 1 x (P070) Sky Loft Roof Side RT | 7 x (P073) Sky Loft Roofing |
| 1 x (P071) Sky Loft Roof Side LT | 1 x (P074) Sky Loft Roofing Bottom |
| 2 x (P072) Sky Loft Fascia | 1 x (P116) Sky Loft Roofing Top |
| 1 x (P075) Sky Loft Joist | |

Hardware

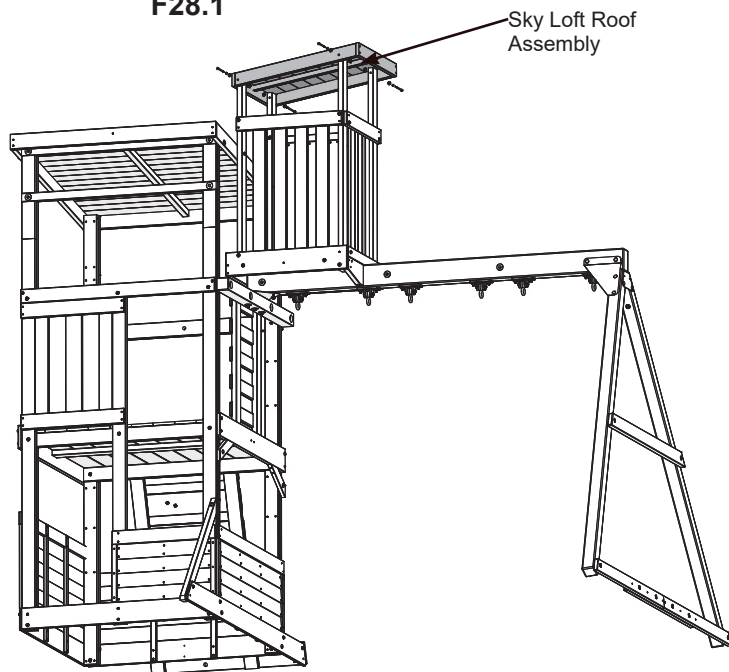
- 10 x #8 x 2-1/4" Wood Screw
30 x #8 x 7/8" Truss Screw

Step 28: Install Sky Loft Roof

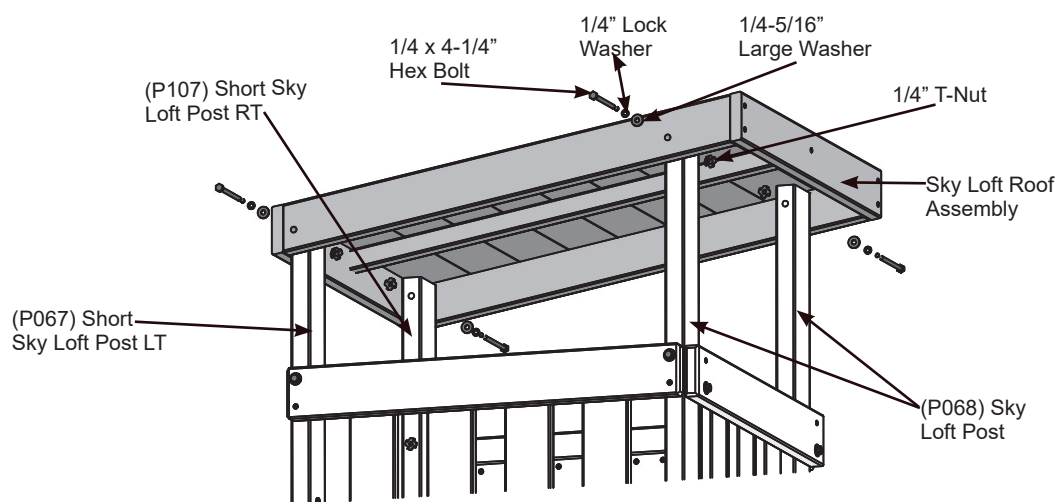


A: With a helper, place Sky Loft Roof Assembly onto Sky Loft Posts so bolt holes align and overhang is towards the A-Frame end. Attach with four 1/4 x 4-1/4" Hex Bolts (with 1/4" lock washer, 1/4-5/16" large washer and 1/4" t-nut). (F28.1 and F28.2)

F28.1



F28.2



Hardware

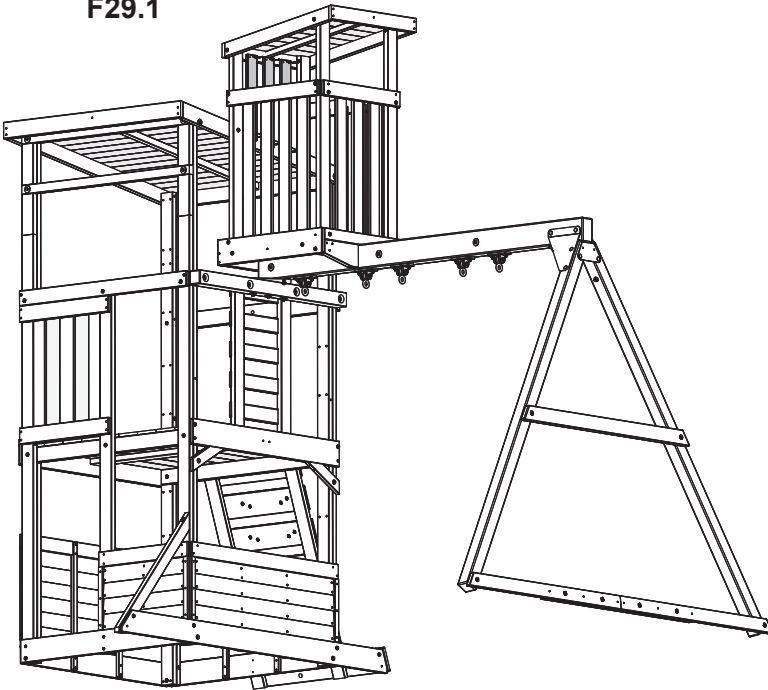
4 x 1/4 x 4-1/4" Hex Bolt
(with 1/4" lock washer, 1/4 - 5/16" large washer, 1/4" t-nut)

Step 29: Sky Loft Upper Wall Boards

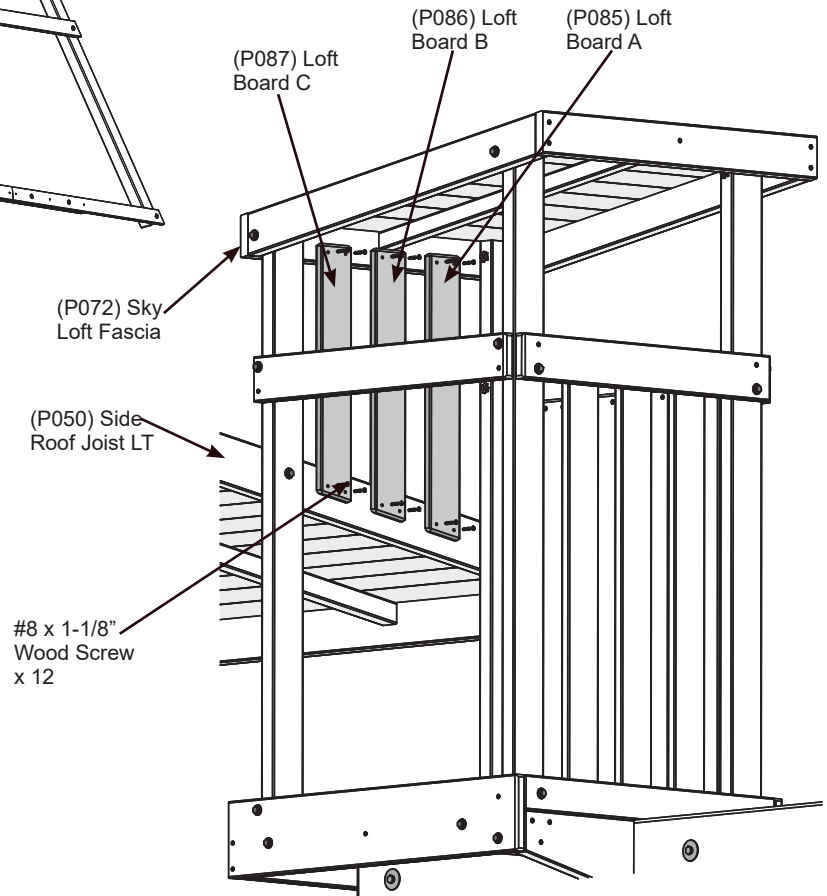


A: From inside the assembly place (P085) Sky Loft Board A, (P086) Sky Loft Board B and (P087) Sky Loft Board C into the opening on the back of the Sky Loft, so boards are evenly spaced. Attach using four #8 x 1-1/8" Wood Screws per board. (F29.1 and F29.2)

F29.1



F29.2
Wall boards hidden for clarity



Wood Parts

- 1 x (P085) Loft Board A
- 1 x (P086) Loft Board B
- 1 x (P087) Loft Board C

Hardware

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

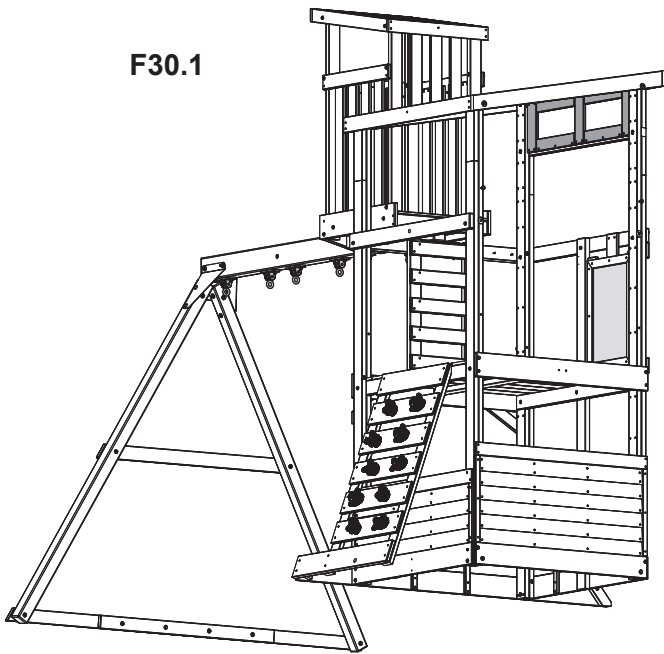
Step 30: Transom Assembly

A: From inside the assembly center one (P024) Transom Upright in the upper opening of the Front Wall so it's tight to (P052) Joist. Attach to (P022) Top Transom and (P063) Bottom Transom using four #8 x 1-1/2" Wood Screws. (F30.1 and F30.2)

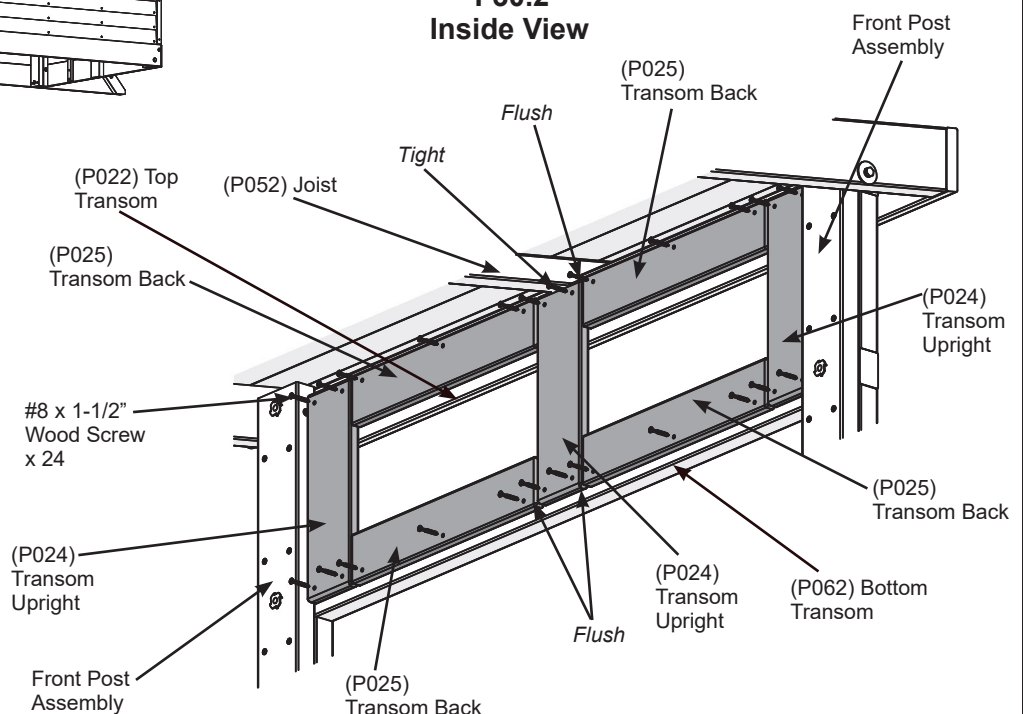
B: Install two (P025) Transom Backs onto (P022) Top Transom so they are tight to (P024) Transom Upright, using three #8 x 1-1/2" Wood Screws per board. Repeat to install two (P025) Transom Backs to (P063) Bottom Transom. (F30.1 and F30.2)

C: Place one (P024) Transom Upright tight to each Post Assembly and flush with Transom Assembly and attach to (P022) Top Transom and (P062) Bottom Transom using four #8 x 1-1/2" Wood Screws per board. (F30.1 and F30.2)

F30.1



**F30.2
Inside View**



Wood Parts

3 x (P024) Transom Upright

4 x (P025) Transom Back

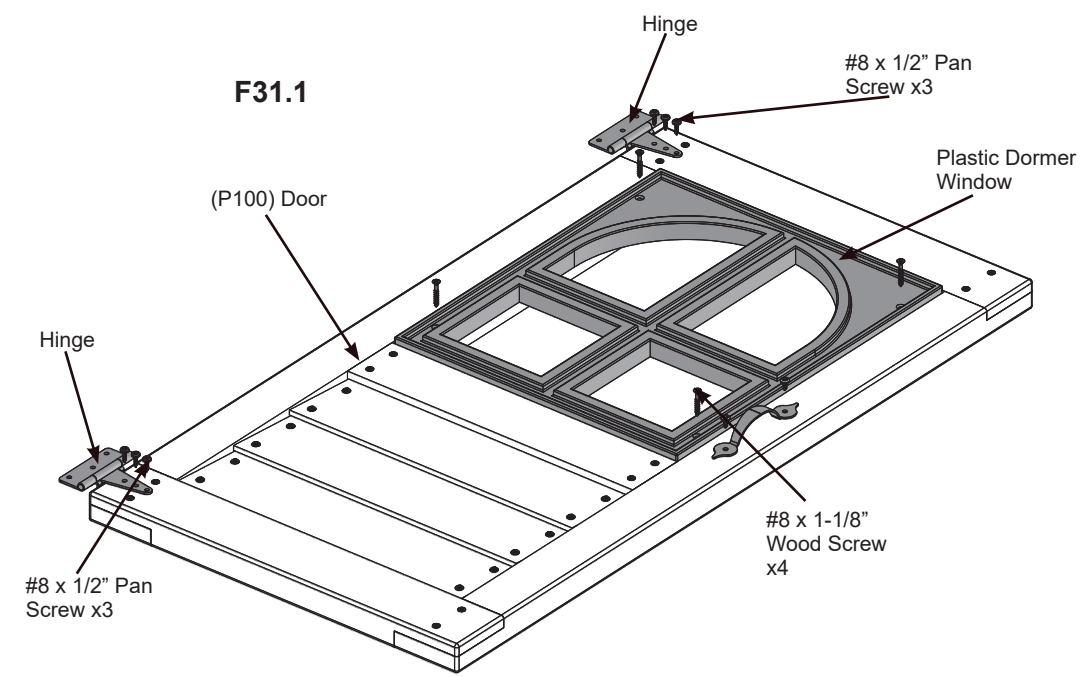
Hardware

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

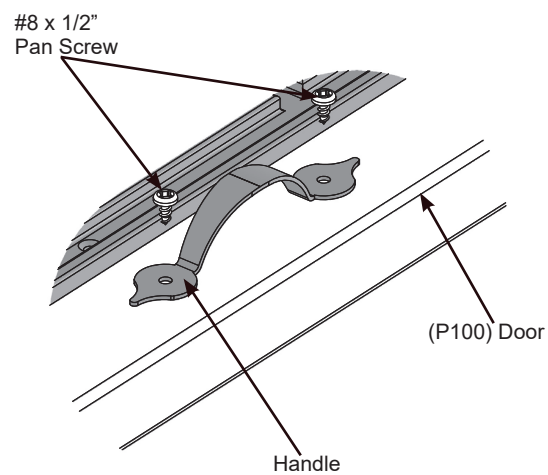
Step 31: Door Assembly

Part 1

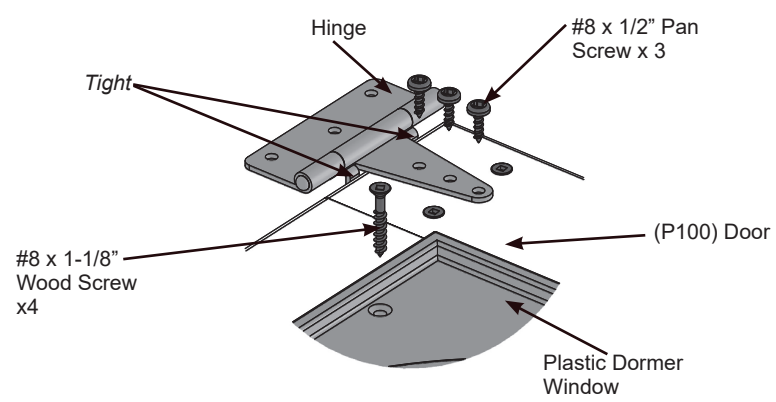
- A:** On the outside of (P100) Door, insert Plastic Dormer Window as shown in F31.1 and attach using four #8 x 1 1/8" Wood Screws. (F31.1 and F31.3)
- B:** On the outside of (P100) Door attach one Door Handle approximately half way up the door using two #8 x 1/2" Pan Screws. (F31.1 and F31.2)
- C:** On the outside of (P100) Door, at the opposite side from the Door Handle, install two Hinges to the top and bottom of the door using three #8 x 1/2" Pan Screws per hinge. (F31.1 and F31.3)



F31.2



F31.3



Wood Parts

1 x (P100) Door

Components:

- 1 x Plastic Dormer Window
- 2 x Hinge
- 1 x Handle

Hardware

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

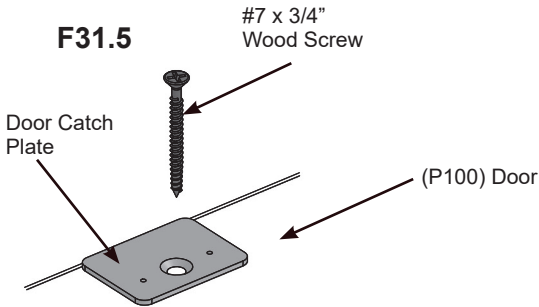
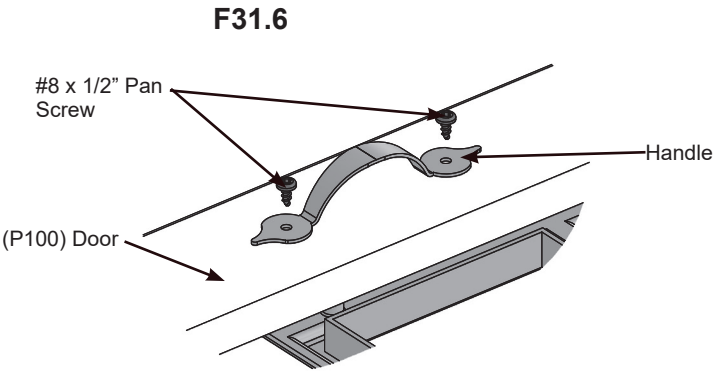
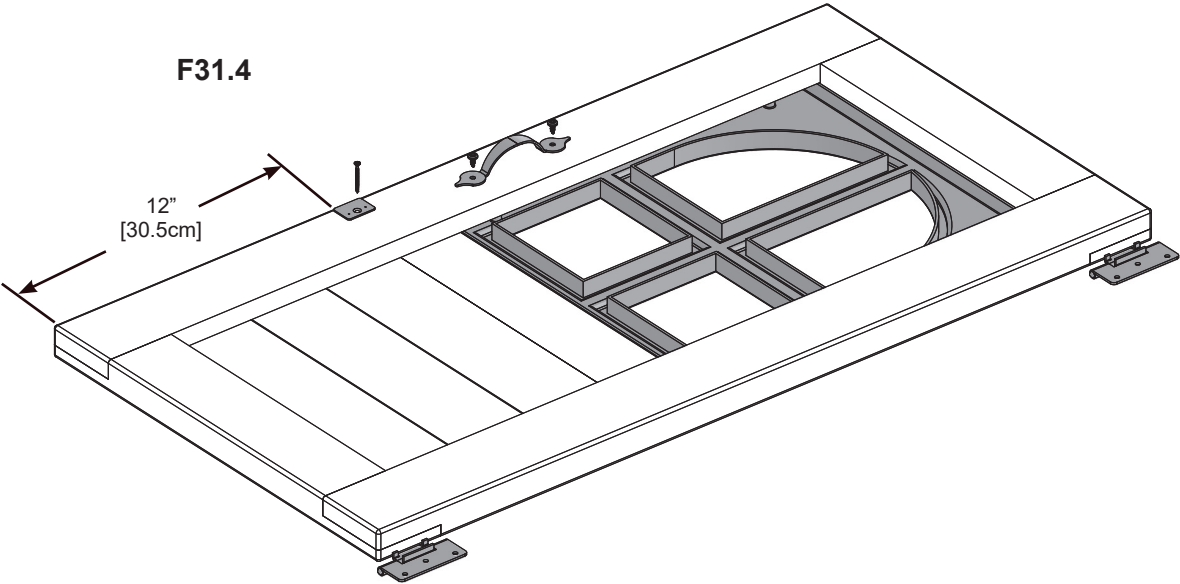
Step 31: Door Assembly

Part 2



D: On the inside of (P100) Door, measure 12" [30.5cm] up from the bottom and install the Catch Plate flush to the outside edge of the Door using one #7 x 3/4" Wood Screws. (F31.4 and F31.5)

E: On the inside of the (P100) Door attach one Door Handle at approximately the same height as the handle that was previously installed using (two) #8 x 1/2" Pan Screws. (F31.4 and F31.6)



Components:

- 1 x Handle
- 1 x Door Catch Plate

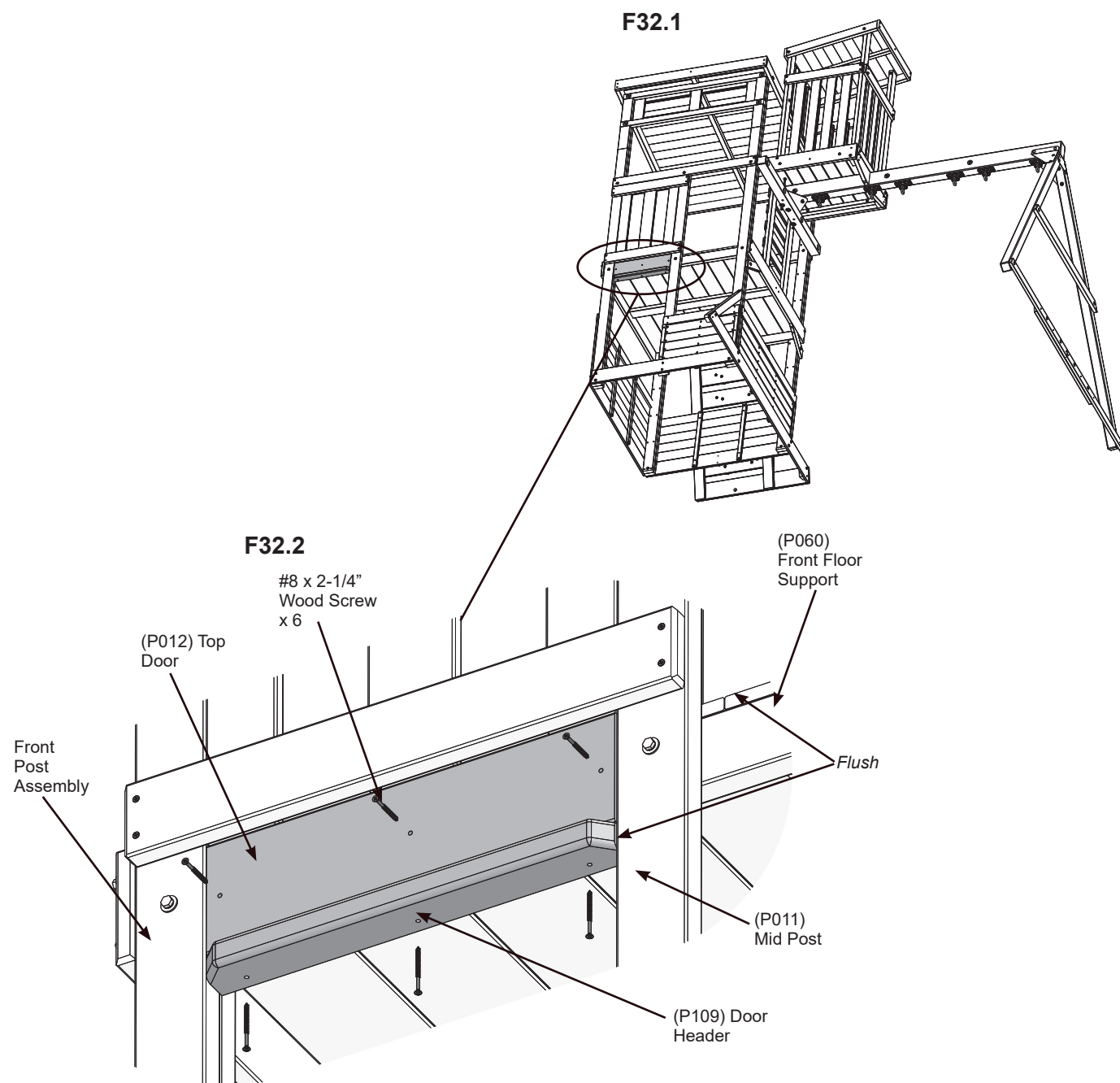
Hardware

- 2 x #8 x 1/2" Pan Screw
- 1 x #7 x 3/4" Wood Screw

Step 32: Install Door Part 1

A: Above the door opening on the Front Wall, attach (P012) Top Door to (P060) Front Floor Support, flush to the top of the floor boards using three #8 x 2-1/4" Wood Screws. (F32.1 and F32.2)

B: Place (P109) Door Header under (P012) Top Door so the angled edges are towards the front and the inside edges are flush. Attach from underneath using three #8 x 2-1/4" Wood Screws. (F32.1 and F32.2)



Wood Parts

- 1 x (P012) Top Door
- 1 x (P109) Door Header

Hardware

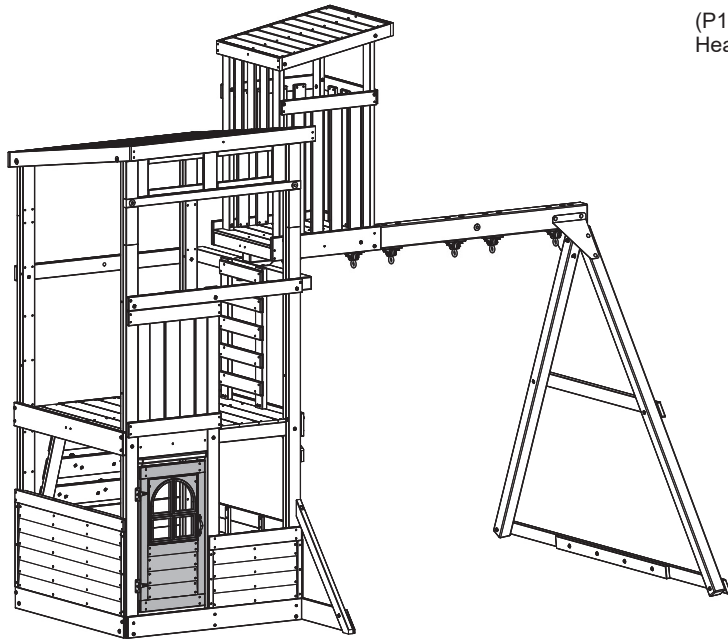
- 6 x #8 x 2-1/4" Wood Screw

Step 32: Install Door Part 2

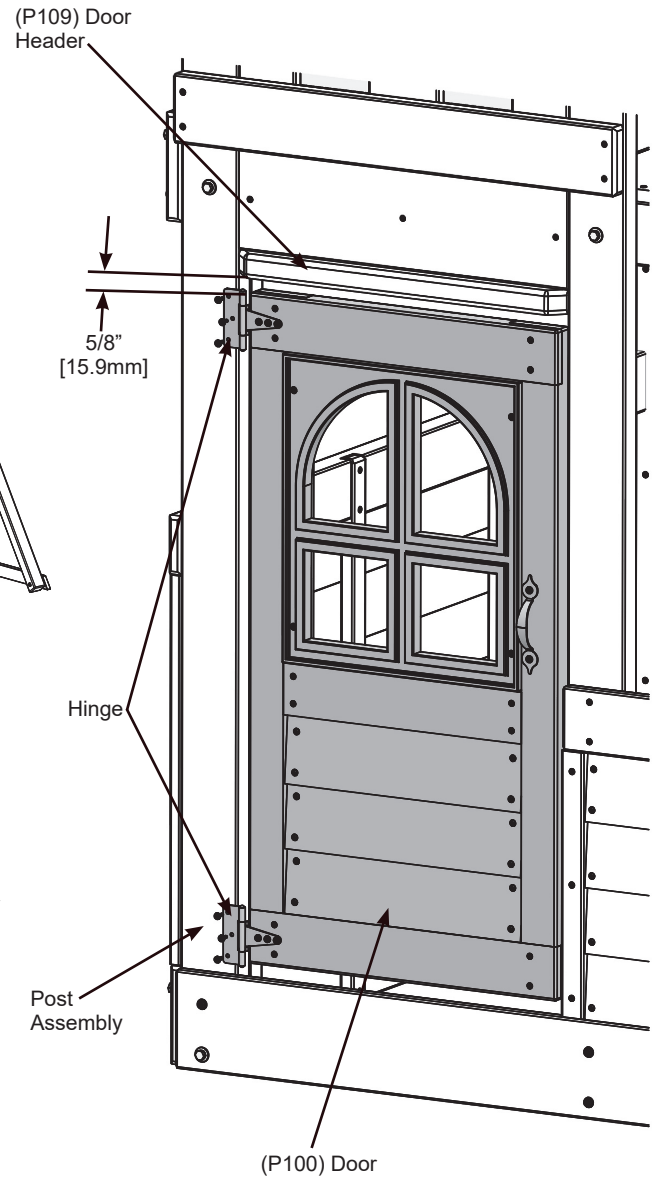


C: In the opening for the Door Assembly measure 5/8" [15.9mm] down from (P109) Door Header. Position the Door Assembly and attach Hinges to Post Assembly using three #8 x 1/2" Pan Screws per hinge. (F32.3, F32.4 and F32.5)

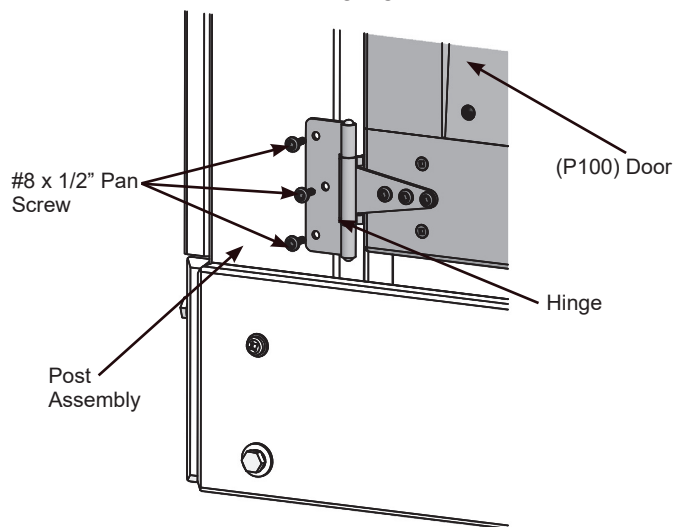
F32.3



F32.4



F32.5

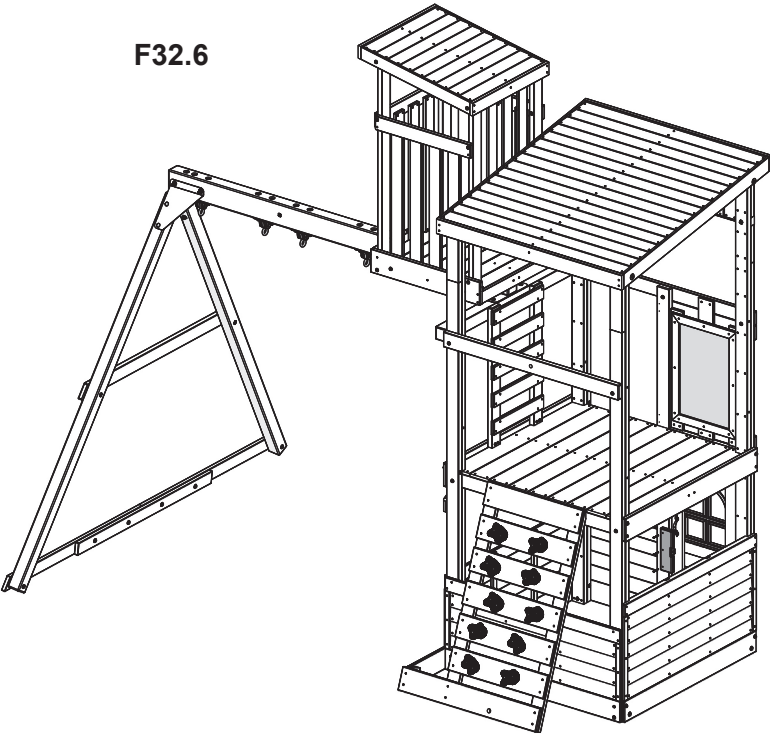


Hardware

6 x #8 x 1/2" Pan Screw

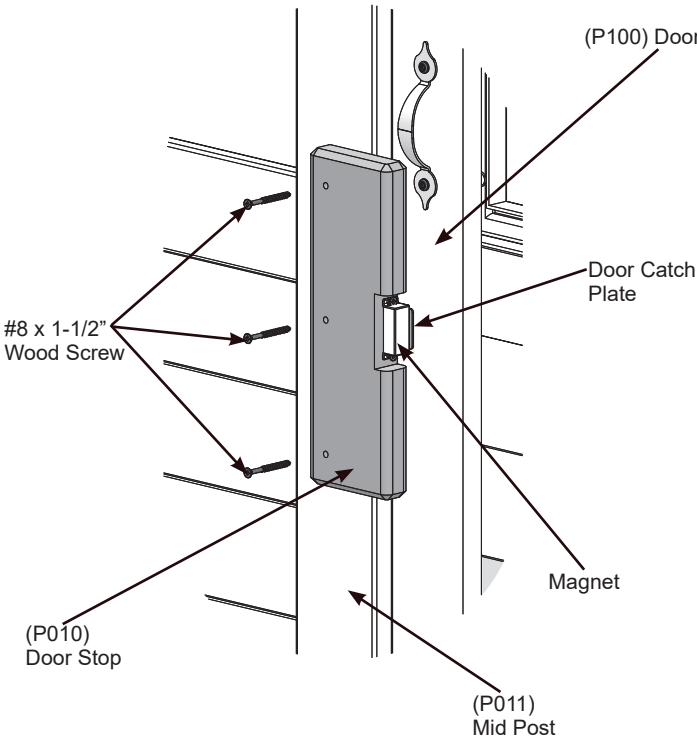
Step 32: Install Door Part 3

- D:** In the cutout of (P010) Door Stop, install Magnet using two #8 x 1/2" Pan Screws. (F32.7)
- E:** From inside the assembly attach (P010) Door Stop to (P011) Mid Post with three #8 x 1-1/2" Wood Screws, making sure that it overhangs (P011) Mid Post and is aligned properly to receive the Catch Plate. (F32.6 and F32.8)

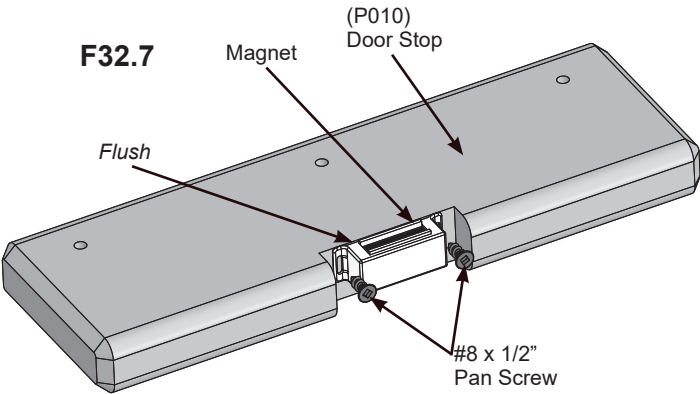


F32.6

F32.8
Inside View



F32.7



Wood Parts

1 x (P010) Door Stop

Components:

1 x Magnet

Hardware

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

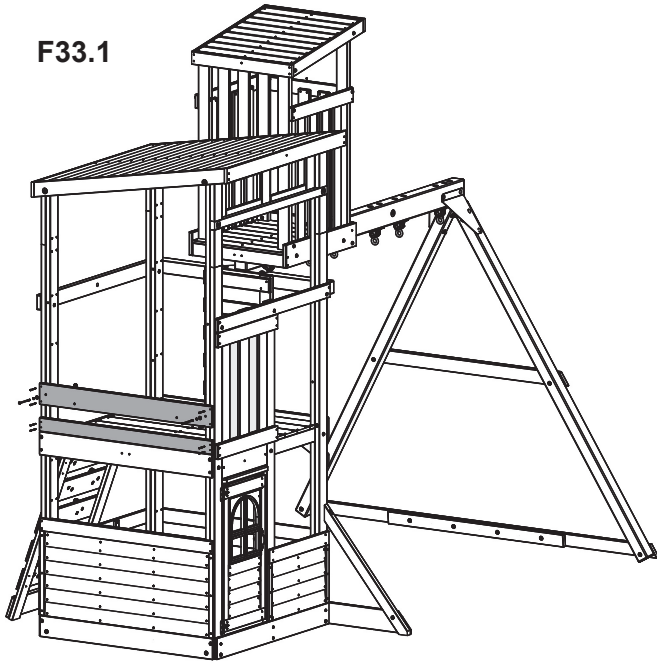
2 x #8 x 1/2" Pan Screw

Step 33: Turbo Wall Assembly Part 1

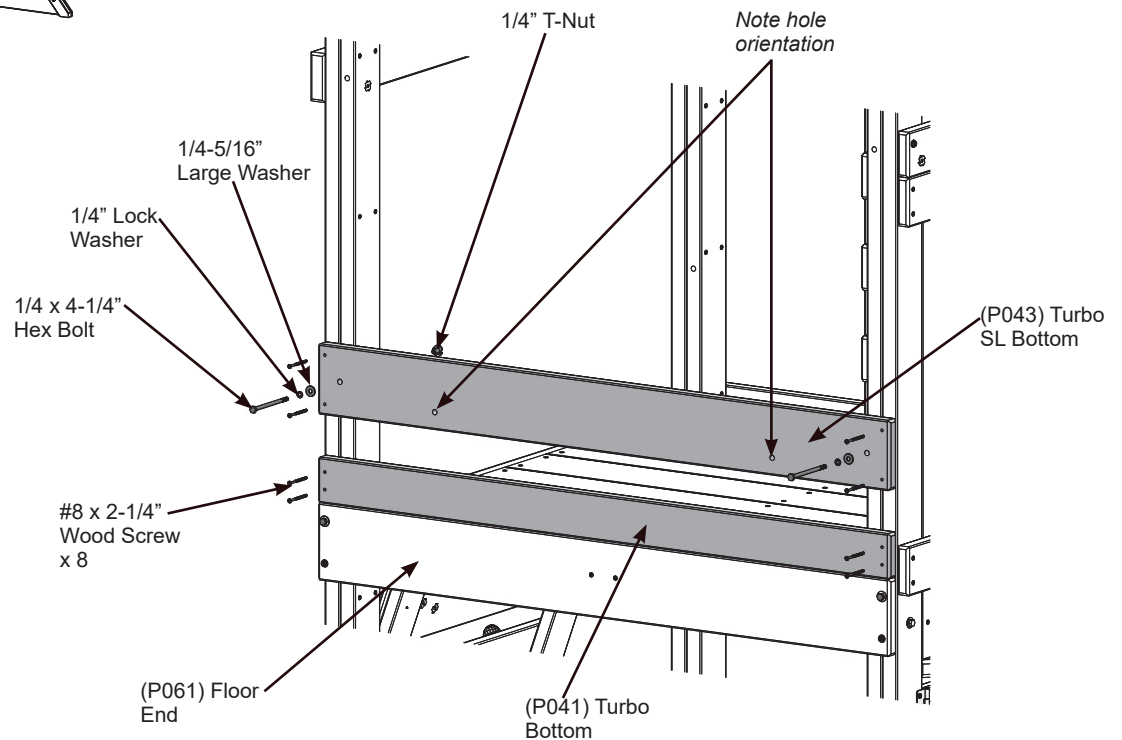
A: On the outside of the Turbo Wall, place (P041) Turbo Bottom tight to (P061) Floor End making sure the ends are flush. Attach using four #8 x 2-1/4" Wood Screws. (F33.1 and F33.2)

B: Taking note of hole orientation, attach (P043) Turbo SL Bottom in the holes above (P041) Turbo Bottom using two 1/4 x 4-1/4" Hex Bolt (with 1/4" lock washer, 1/4-5/16" large washer, 1/4" t-nut) and four #8 x 2-1/4" Wood Screws. (F33.1 and F33.2)

F33.1



F33.2



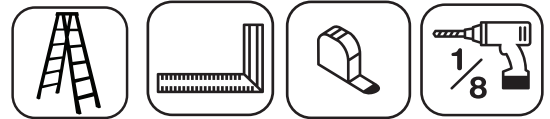
Wood Parts

- 1 x (P041) Turbo Bottom
- 1 x (P043) Turbo SL Bottom

Hardware

- 2 x 1/4 x 4-1/4" Hex Bolt
(with 1/4" lock washer, 1/4 - 5/16" large washer, 1/4" t-nut)
- 8 x #8 x 2-1/4" Wood Screw

Step 33: Turbo Wall Assembly Part 2



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

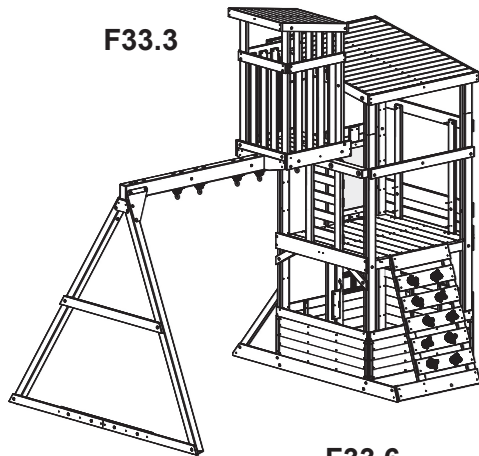
C: From inside the assembly, place two (P040) Turbo Uprights so the bolt holes line up with (P043) Turbo SL Bottom. Loosely attach with two 5/16 x 2" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer, 5/16" t-nut). (F33.3 and F33.4)

D: From outside the assembly, loosely attach (P042) Turbo SL Top to (P040) Turbo Uprights as shown in figure F33.4 using two 5/16 x 2" Hex Bolts (with 5/16" lock washer, 1/4-5/16" large washer, 5/16" t-nut). (F33.3 and F33.4)

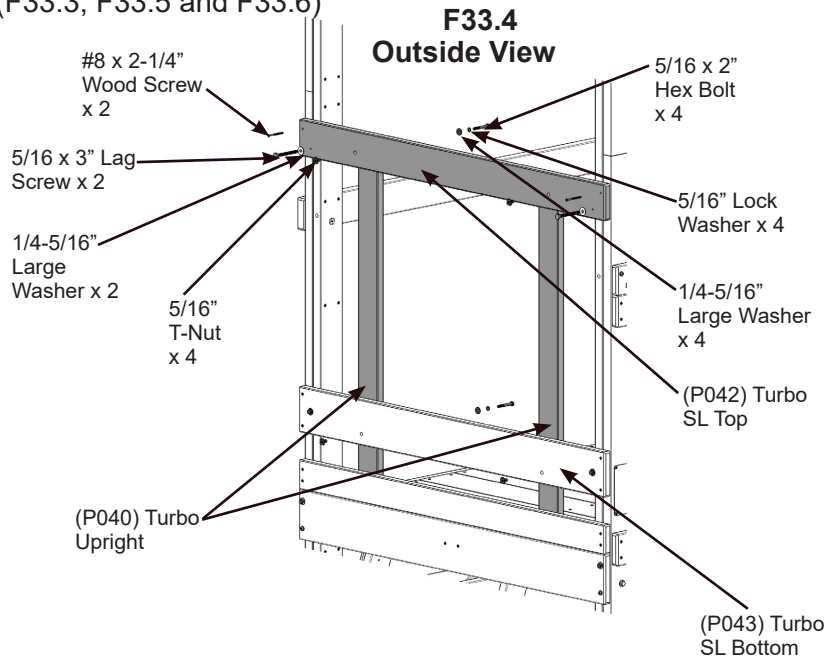
E: Check that wall assembly is square and the opening measures to F33.5, then tighten all bolts.

F: Attach (P042) Turbo SL Top to Front and Back Post Assemblies using two #8 x 2-1/4" Wood Screws and two 5/16 x 3" Lag Screws (with 1/4-5/16 large washer). (F33.3, F33.4 and F33.5)

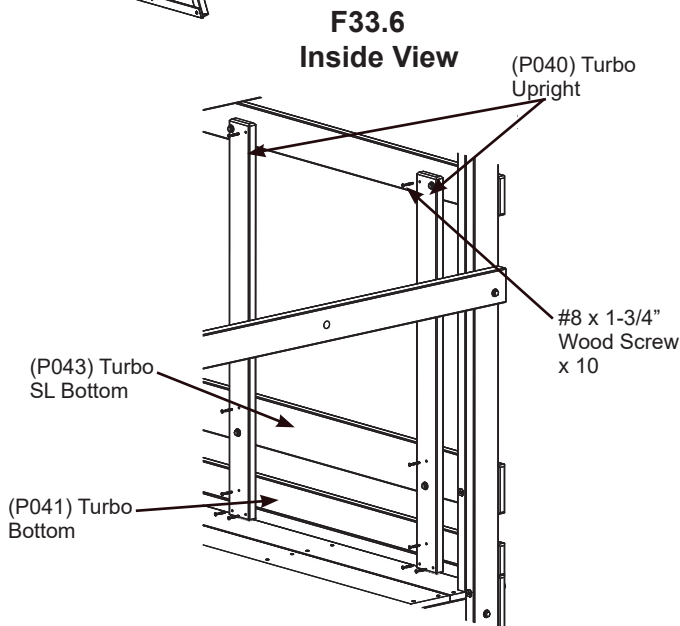
G: Attach (P040) Turbo Upright to (P042) Turbo SL Top, (P043) Turbo SL Bottom and (P041) Turbo Bottom using five #8 x 1-3/4" Wood Screws per Turbo Upright. (F33.3, F33.5 and F33.6)



F33.3

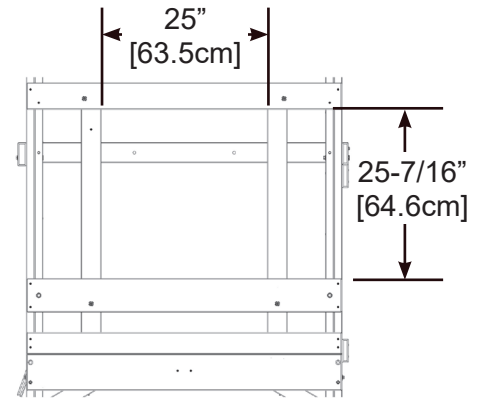


**F33.4
Outside View**



**F33.6
Inside View**

**F33.5
Outside View**



Wood Parts

2 x (P040) Turbo Upright
1 x (P042) Turbo SL Top

2 x 5/16 x 3" Lag Screw
(with 1/4-5/16" large washer)

Hardware

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

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

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

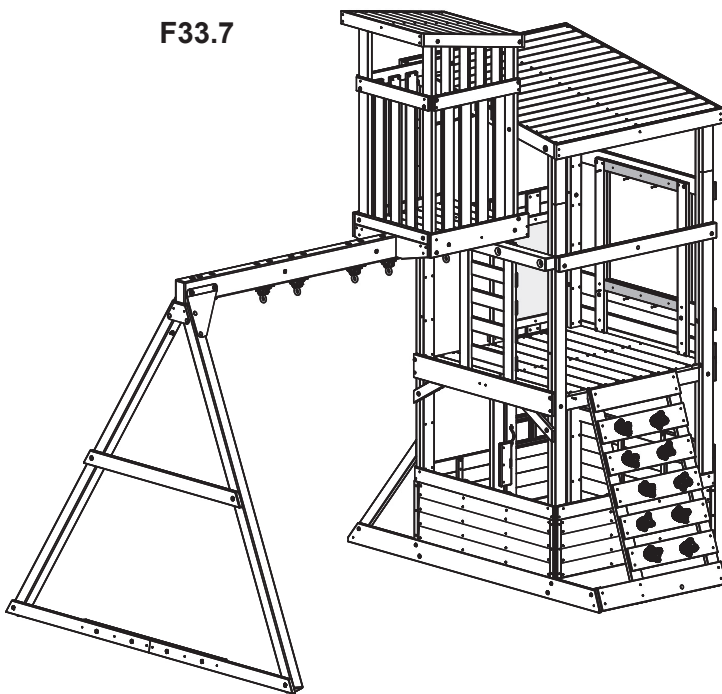
Step 33: Turbo Wall Assembly Part 3



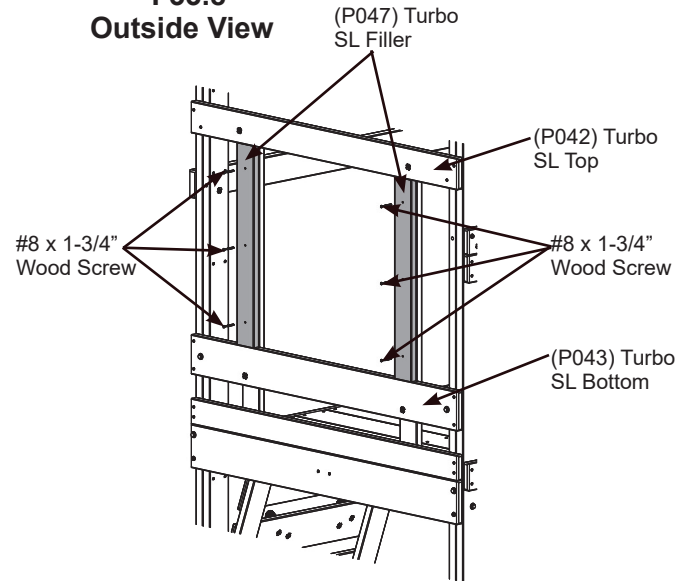
H: From outside the assembly attach (P047) Turbo SL Filler to (P040) Turbo Upright using three #8 x 1-3/4" Wood Screws per board. (F33.7 and F33.8)

I: From inside the assembly attach one (P021) Turbo Spacer to (P042) Turbo SL Top and a second (P021) Turbo Spacer flush to the top of the (P043) Turbo SL Bottom using three #8 x 1-3/4" Wood Screws per board. (F33.7 and F33.9)

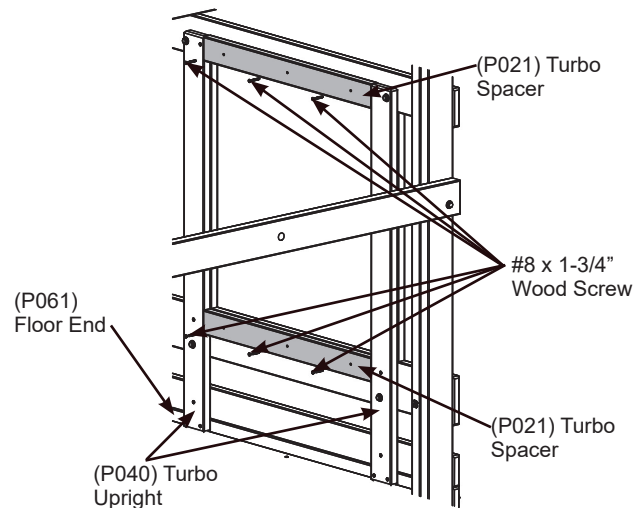
F33.7



**F33.8
Outside View**



**F33.9
Inside View**



Wood Parts

- 2 x (P021) Turbo Spacer
- 2 x (P047) Turbo SL Filler

Hardware

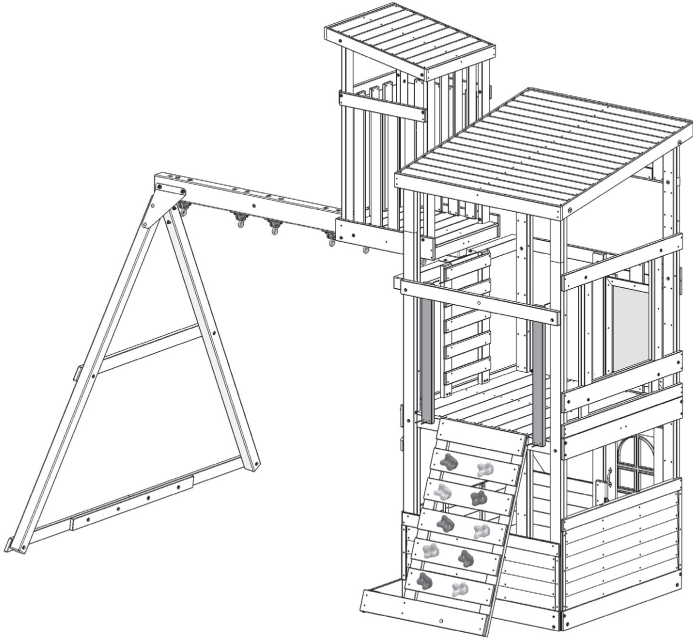
- 12 x #8 x 1-3/4" Wood Screw

Step 34: Back Wall Boards

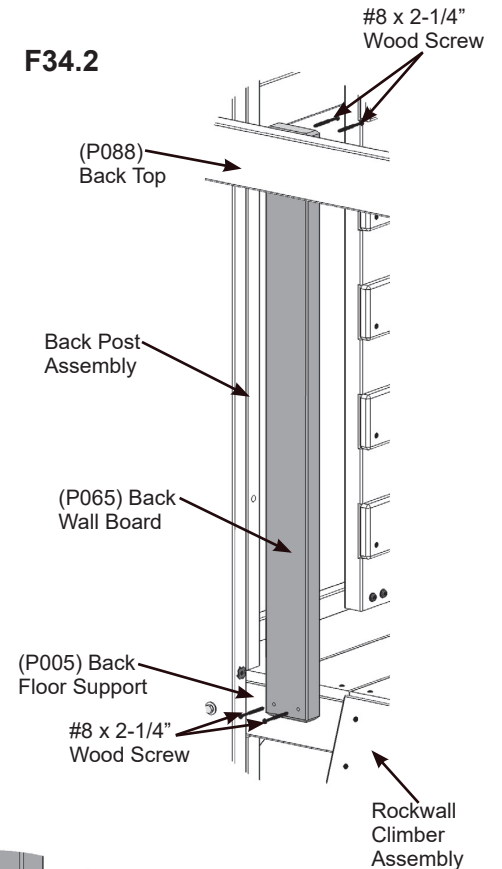


A: Place one (P065) Back Wall Board at each side of the rock wall so they are evenly spaced between the Rock Wall Climber and Back Post Assemblies. The top end of the boards should be on the inside of (P088) Back Top and flush at the top. Attach to (P005) Back Floor Support and (P088) Back Top using eight #8 x 2-1/4" Wood Screws. (F34.1, F34.2, F34.3 and F34.4)

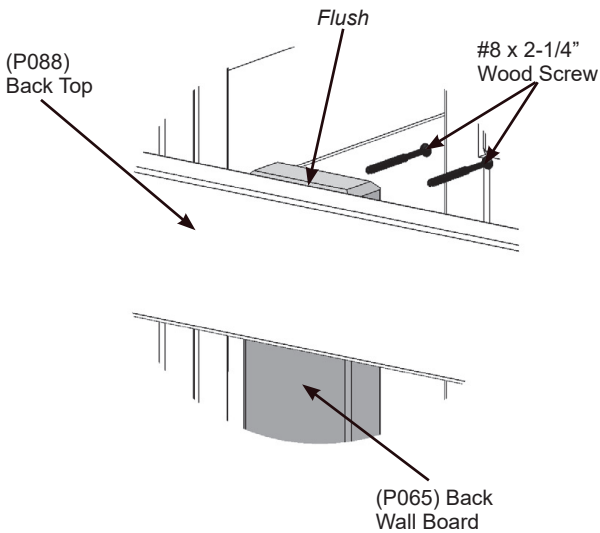
F34.1



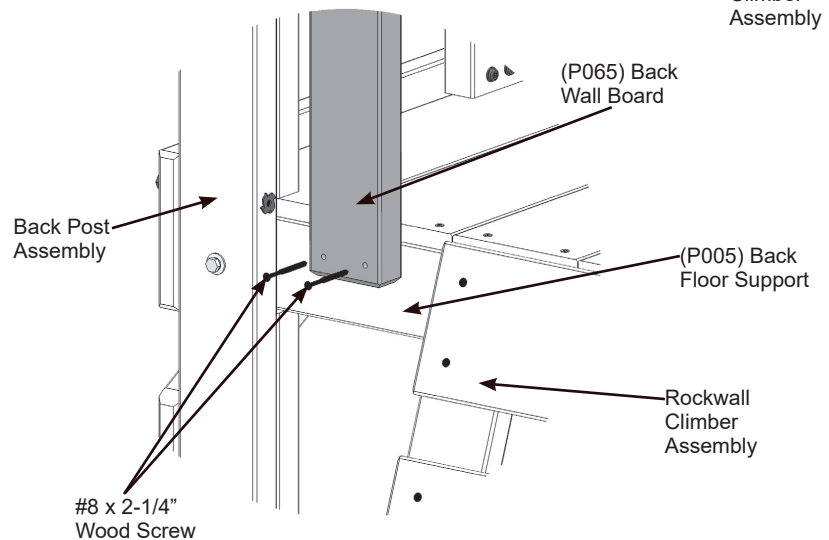
F34.2



F34.3



F34.4



Wood Parts

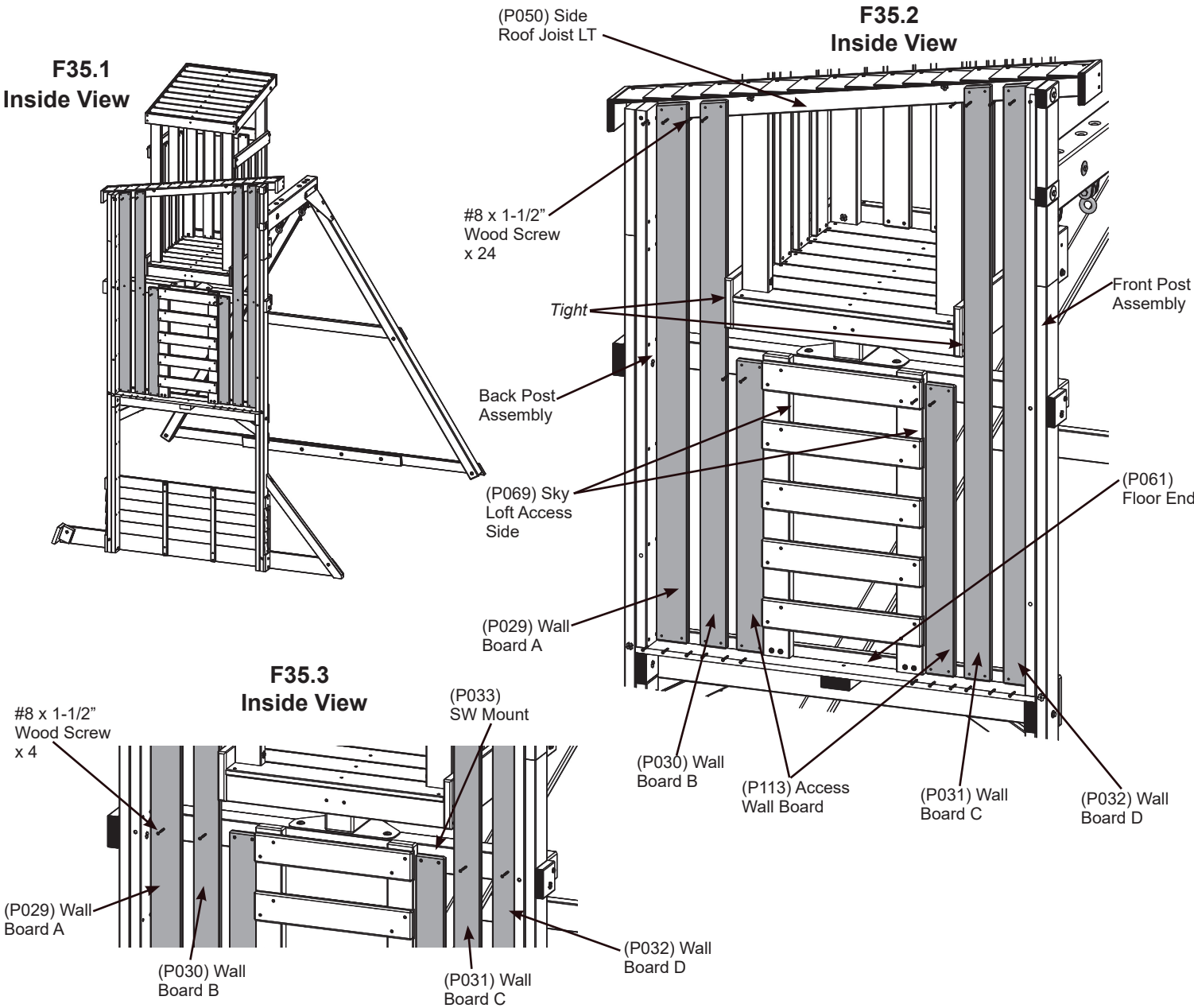
2 x (P065) Back Wall Board

Hardware

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

Step 35: Swing Wall Boards

- A:** Place (P032) Wall Board D Tight to the Front Post Assembly, (P029) Wall Board A tight to the Back Post Assembly. Attach using four #8 x 1-1/2" Wood Screws per board. (F35.1 and F35.2)
- B:** Place (P031) Wall Board C and (P030) Wall Board B tight to each side of (P079) Sky Loft Base and attach with four #8 x 1-1/2" Wood Screws per board. (F35.1 and F35.2)
- C:** Tight to each side of (P069) Sky Loft Access Side attach one (P113) Access Wall Board using four #8 x 1-1/2" Wood Screws per board. (F35.1 and F35.2)
- D:** Attach (P032) Wall Board D, (P031) Wall Board C, (P030) Wall Board B and (P029) Wall Board A to (P033) SW Mount using one #8 x 1-1/2" Wood Screw at the center of each board. (F35.3)



Wood Parts

- | | |
|-------------------------|------------------------------|
| 1 x (P029) Wall Board A | 1 x (P032) Wall Board D |
| 1 x (P030) Wall Board B | 2 x (P113) Access Wall Board |
| 1 x (P031) Wall Board C | |

Hardware

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

Step 36: Turbo Slide Wall

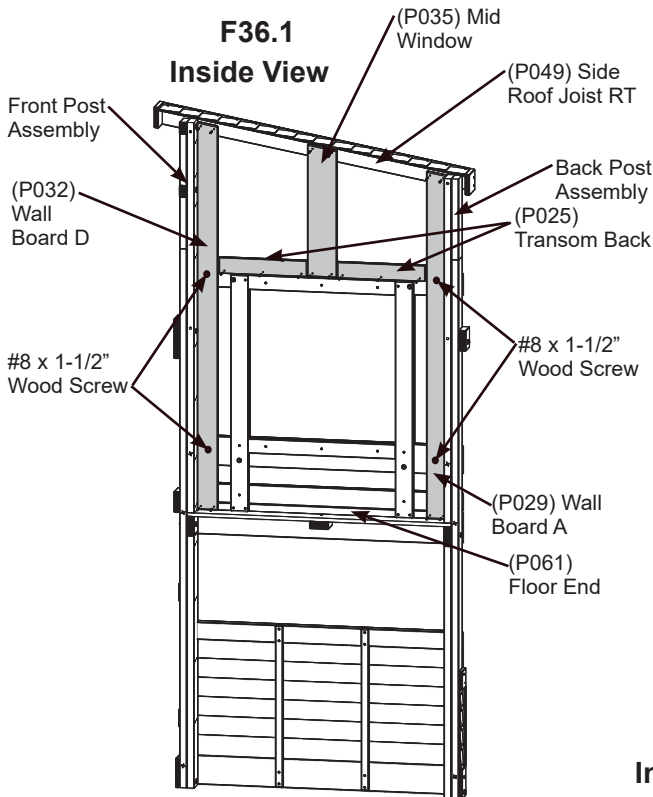
Part 1

A: From inside the assembly place one (P032) Wall Board D on the left side of the Turbo Wall so it's tight to the Front Post Assembly and flush to the floor. Attach with six #8 x 1-1/2" Wood Screws. (F36.1, F36.2 and F36.3)

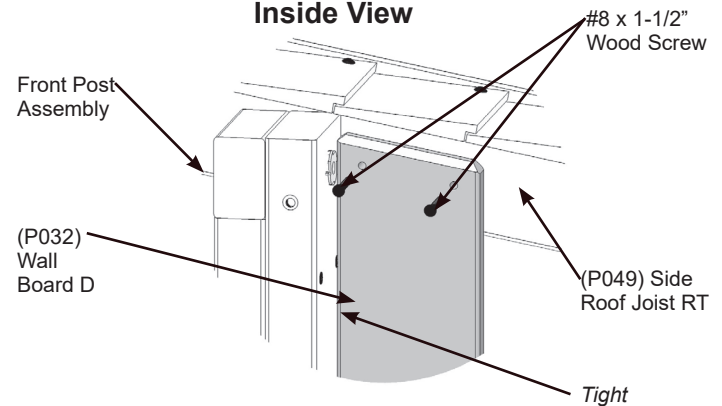
B: On the opposite side of the wall place one (P029) Wall Board A so it's tight to the Back Post Assembly and flush to the floor. Attach with six #8 x 1-1/2" Wood Screws. (F36.1)

C: Place two (P025) Transom Backs so they are flat against (P021) Turbo Spacer. Push each (P025) Transom Back to the outside so they are tight to (P032) Wall Board D and (P029) Wall Board A. Attach using three #8 x 1-1/2" Wood Screws per board. (F36.1 and F36.4)

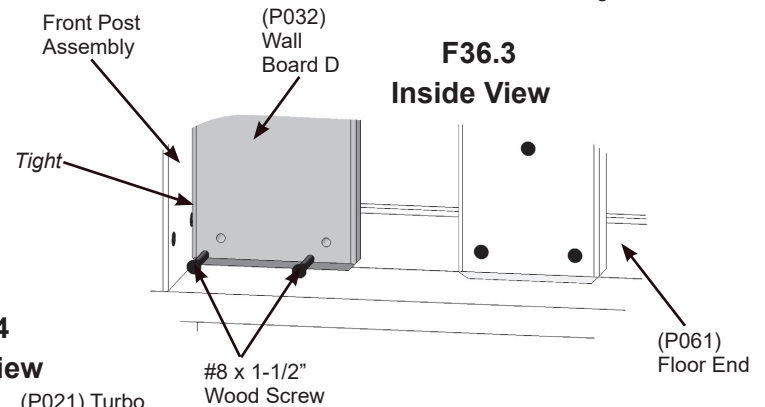
D: Fit (P035) Mid Window between (P025) Transom Backs and attach using four #8 x 1-1/2" Wood Screws. (F36.1 and F36.4)



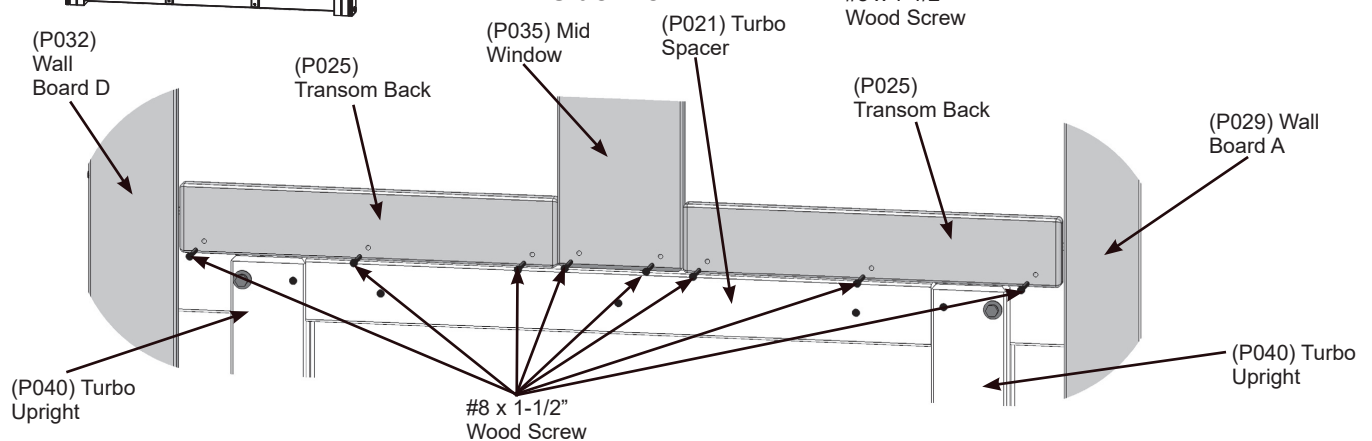
**F36.2
Inside View**



**F36.3
Inside View**



**F36.4
Inside View**



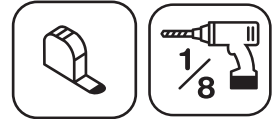
Wood Parts

- 2 x (P025) Transom Back
- 1 x (P029) Wall Board A
- 1 x (P032) Wall Board D
- 1 x (P035) Mid Window

Hardware

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

Step 36: Turbo Slide Wall Part 2

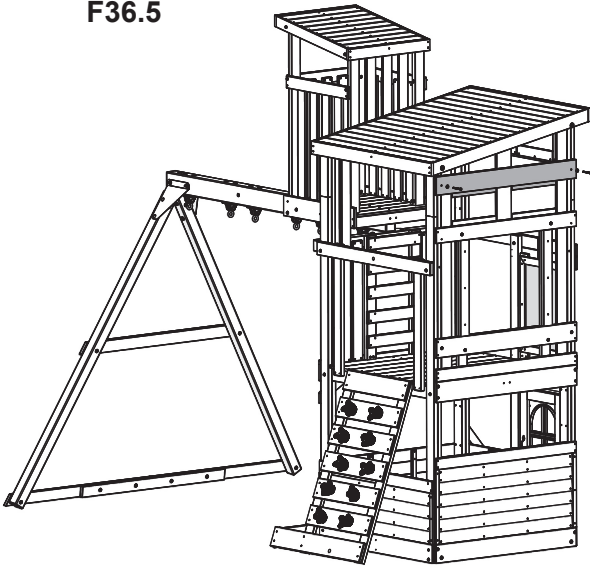


Note: Pre-drill all pilot holes using a 1/8" drill bit before installing Lag Screw.

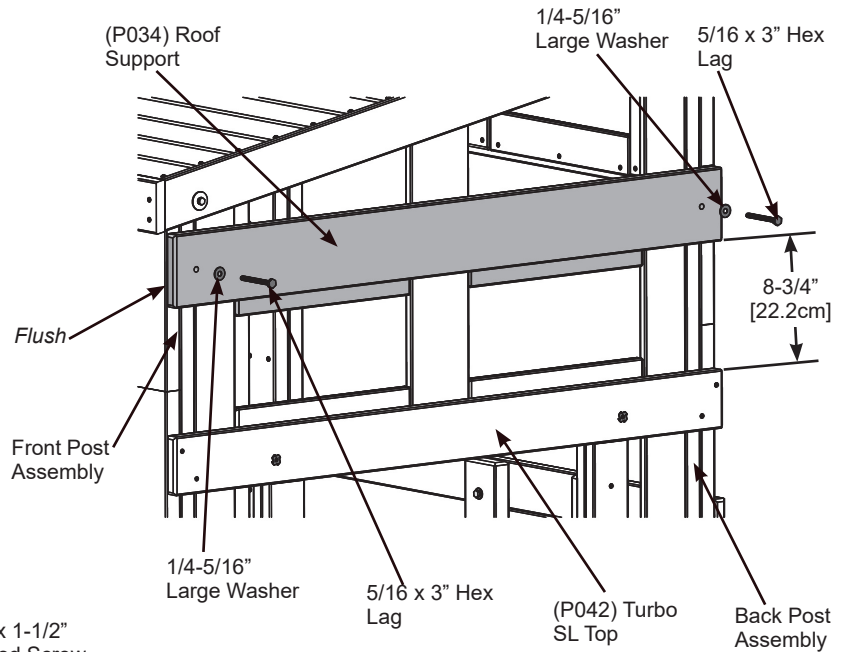
E: From outside the assembly, place one (P034) Roof Support 8-3/4" [22.2cm] above (P042) Turbo SL Top and flush to the Front and Back Post Assemblies. Attach (P034) Roof Support with two 5/16 x 3" Lag Screws (with 1/4-5/16 large washer). (F36.5 and F36.6)

F: From inside the assembly measure 1-3/8" [34.9mm] down from (P034) Roof Support and install two (P025) Transom Backs to (P034) Roof Support using three #8 x 1-1/2" Wood Screws per board. (F36.5 and F36.7)

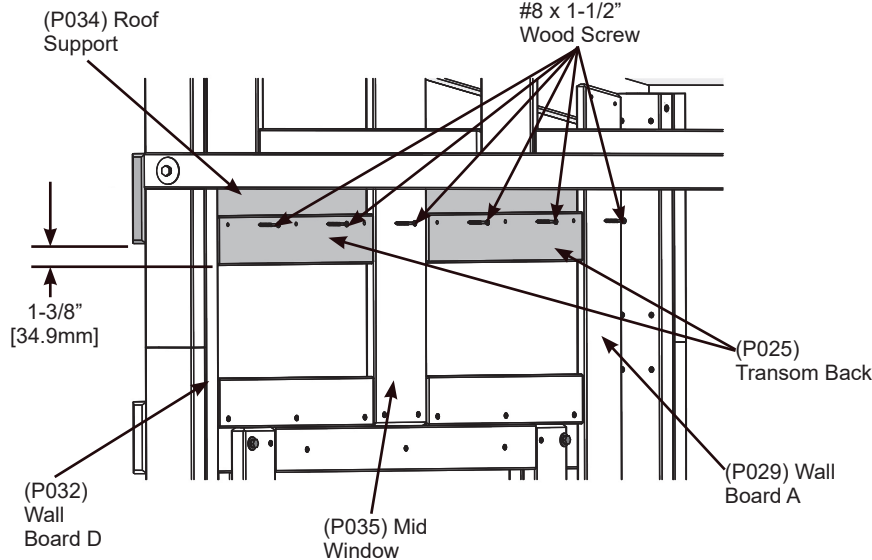
F36.5



F36.6



**F36.7
Inside View**



Wood Parts

- 2 x (P025) Transom Back
- 1 x (P034) Roof Support

Hardware

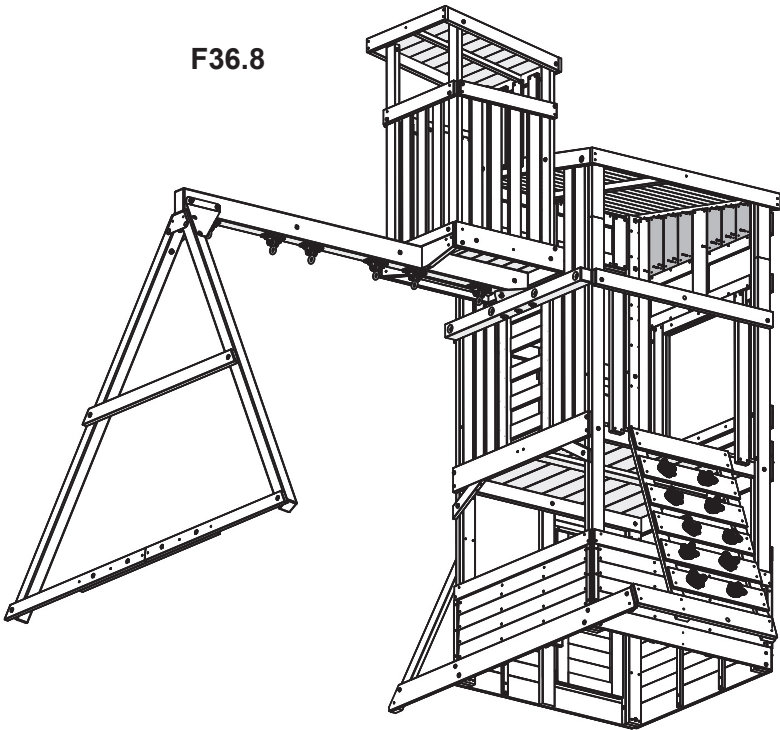
- 2 x 5/16 x 3" Lag Screw (with 1/4-5/16" large washer)
- 6 x #8 x 1-1/2" Wood Screw

Step 36: Turbo Slide Wall

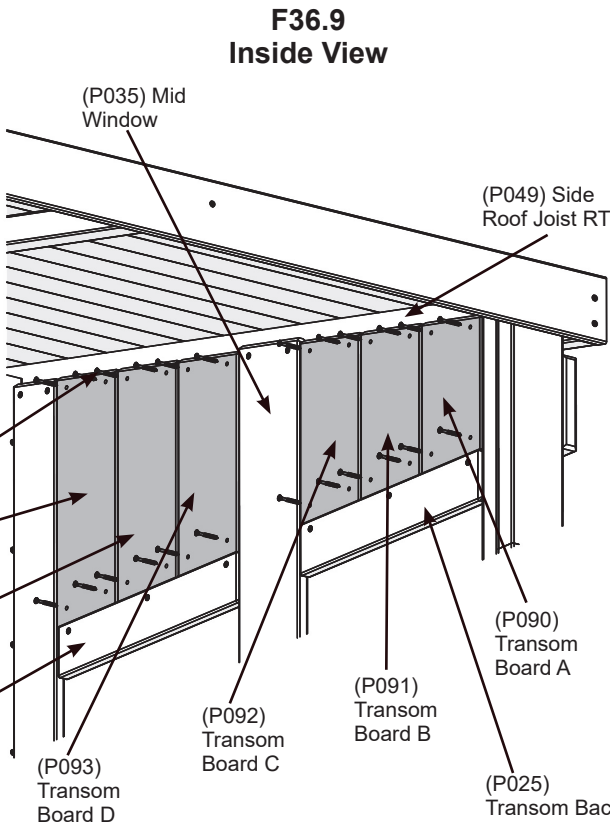
Part 3

G: From inside the assembly, place (P090) Transom Board A, (P091) Transom Board B and (P092) Transom Board C, in the upper opening, to the right of (P035) Mid Window. Attach using four #8 x 1-1/2" Wood Screws per board. (F36.8 and F36.9)

H: Place (P093) Transom Board D, (P094) Transom Board E and (P095) Transom Board F, in the upper opening to the left of (P035) Mid Window. Attach using four #8 x 1-1/2" Wood Screws per board. (F36.8 and F36.9)



F36.8



F36.9
Inside View

Wood Parts

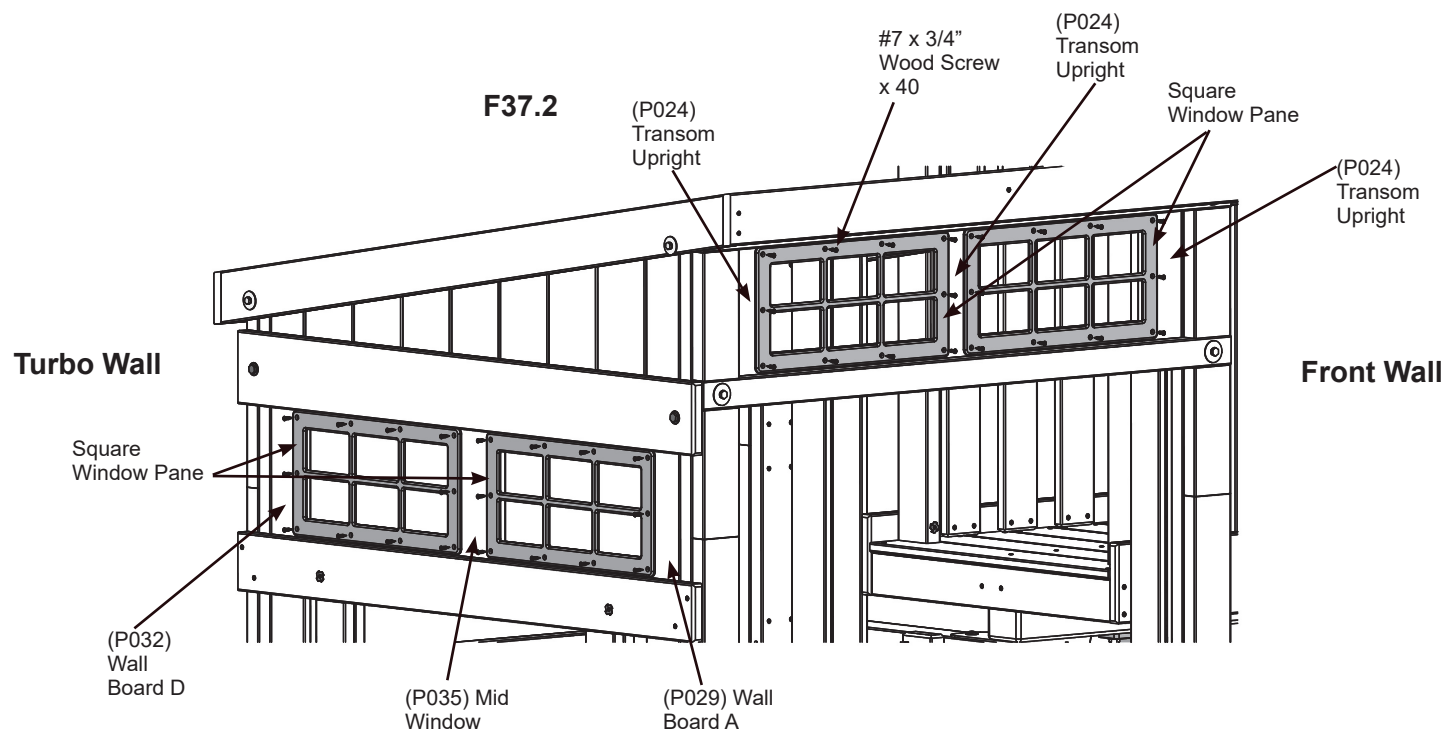
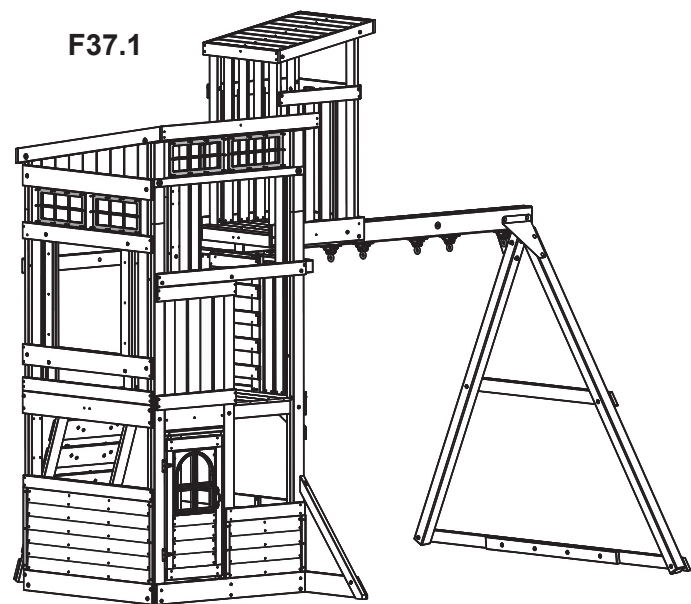
1 x (P090) Transom Board A	1 x (P093) Transom Board D
1 x (P091) Transom Board B	1 x (P094) Transom Board E
1 x (P092) Transom Board C	1 x (P095) Transom Board F

Hardware

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

Step 37: Install Windows

- A:** On the outside of the Front Wall, place two Square Window Panes into the Front Transom Assembly and attach using ten #7 x 3/4" Wood Screws per Window. (F37.1 and F37.2)
- B:** Repeat to install two Square Window Panes into the Turbo Wall. (F37.1 and F37.2)



Components:

4 x Square Window Pane

Hardware

40 x #7 x 3/4" Wood Screw

A: From outside the assembly, attach (P105) Slide Block to (P060) Front Floor Support with three #8 x 2-1/4" Wood Screws, making sure it's flush to the floor boards. (F38.1 and F38.2)

This technical drawing illustrates a wooden play structure. The main view on the left shows a multi-level structure with a roof, a platform, and a ladder. A circular callout highlights a specific joint, which is shown in a larger detail on the right. The detail is an A-frame structure, likely a support for a slide or a climbing element, with a horizontal beam and a vertical post. The drawing uses solid lines for the structure and dashed lines for hidden parts.

F38.2

Flush

(P105) Slide Block

(P007) Floor Board

(P011) Mid Post

(P060) Front Floor Support

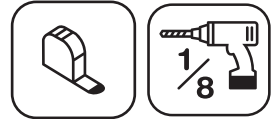
#8 x 2-1/4" Wood Screw

Front Post Assembly

1 x (P105) Slide Block

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

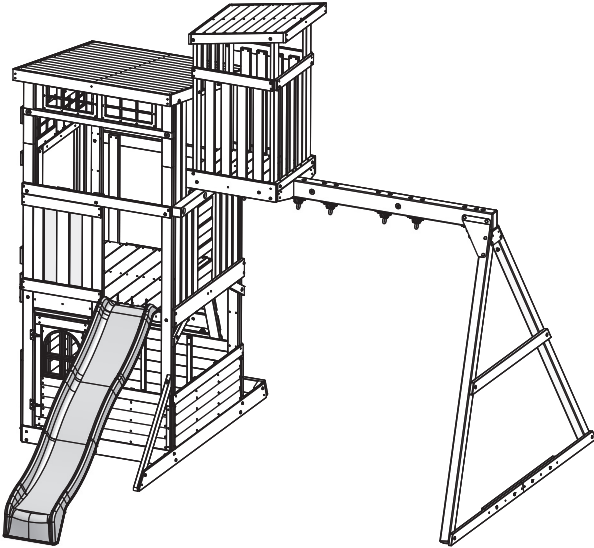
Step 39: Wave Slide



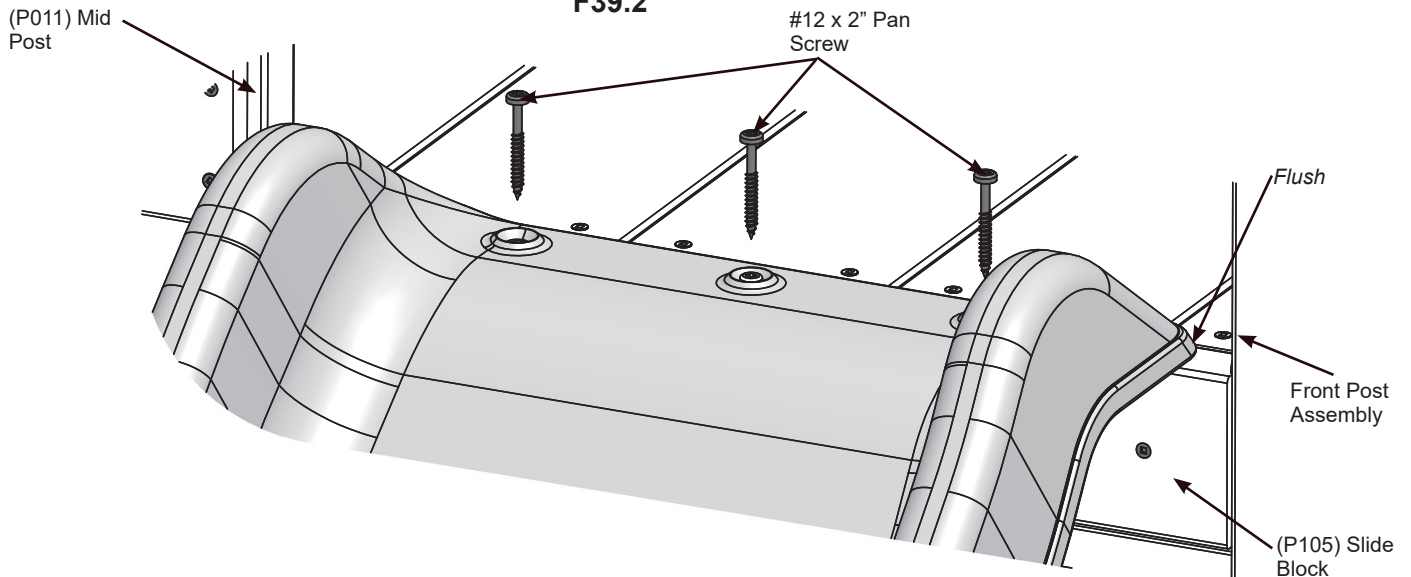
Note: Pre-drill all pilot holes using a 1/8" drill bit before installing Pan Screws.

A: Place Wave Slide centered between Front Post Assembly and (P011) Mid Post. Ensure Wave Slide is flush to the back of (P105) Slide Block, pre-drill and attach using three #12 x 2" Pan Screws. (F39.1 and F39.2)

F39.1



F39.2



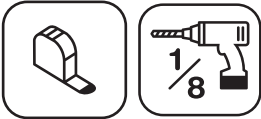
Components:

1 x Wave Slide

Hardware

3 x #12 x 2" Pan Screw

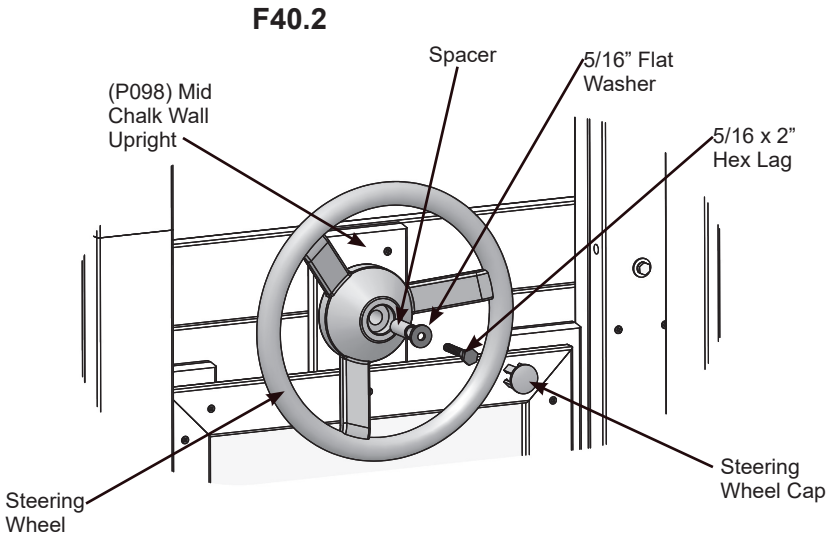
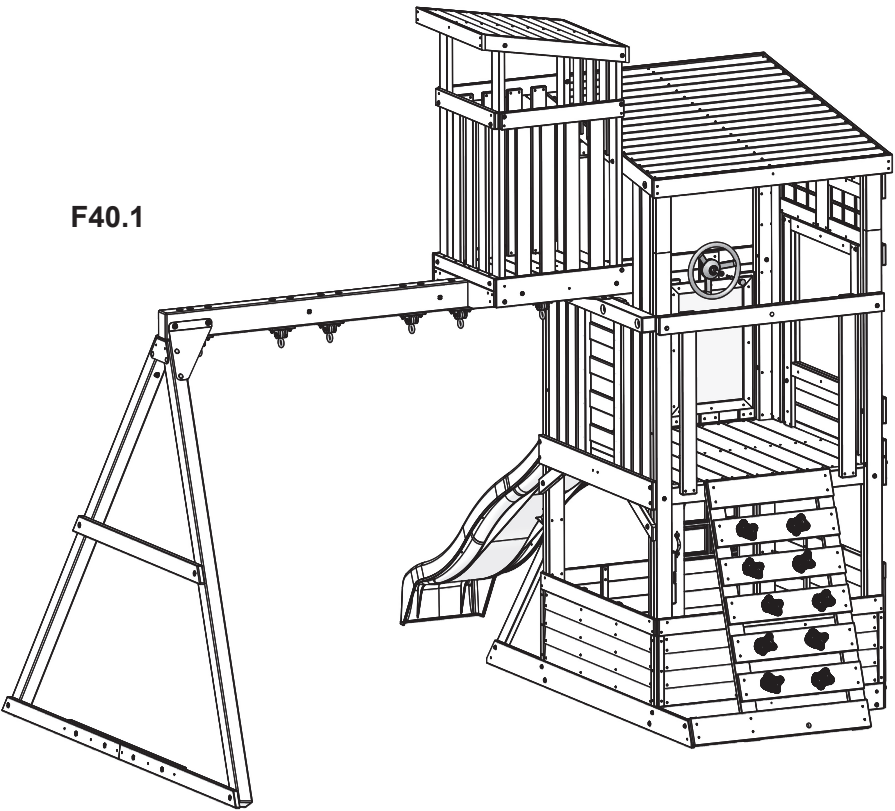
Step 40: Steering Wheel



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

A: Place Steering Wheel centered at the top of (P098) Mid Chalk Wall Upright and attach with one 5/16 x 2” Lag Screw (with 5/16” flat washer and spacer). (F40.1 and F40.2)

B: Snap on the Steering Wheel Cap over the Lag Screw. (F40.1 and F40.2)



Components:

1 x Steering Wheel

Hardware

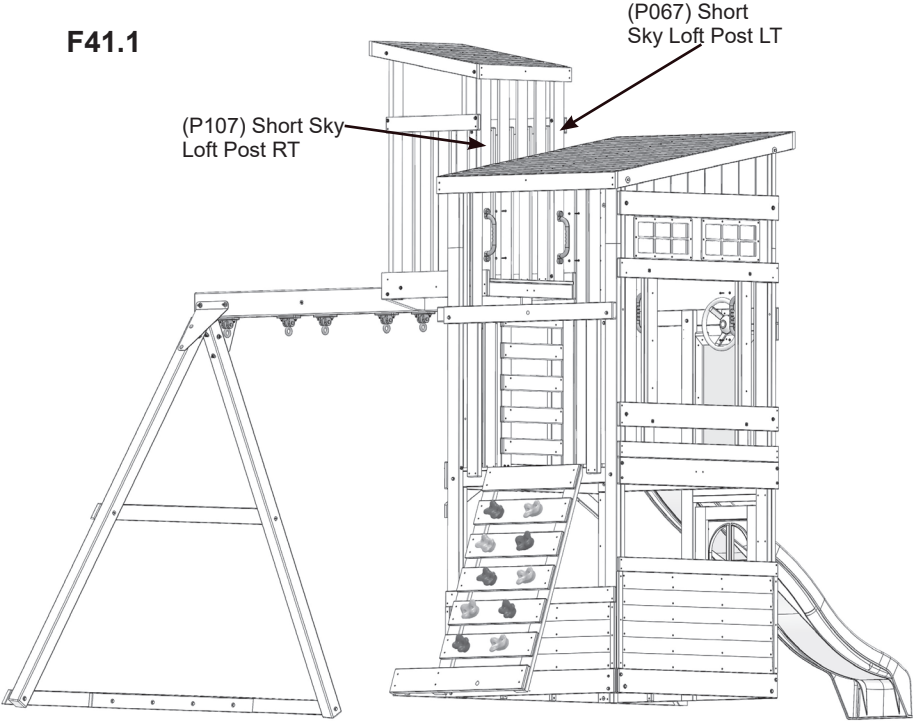
1 x 5/16 x 2” Lag Screw (with 5/16” flat washer)

Step 41: Safety Handles

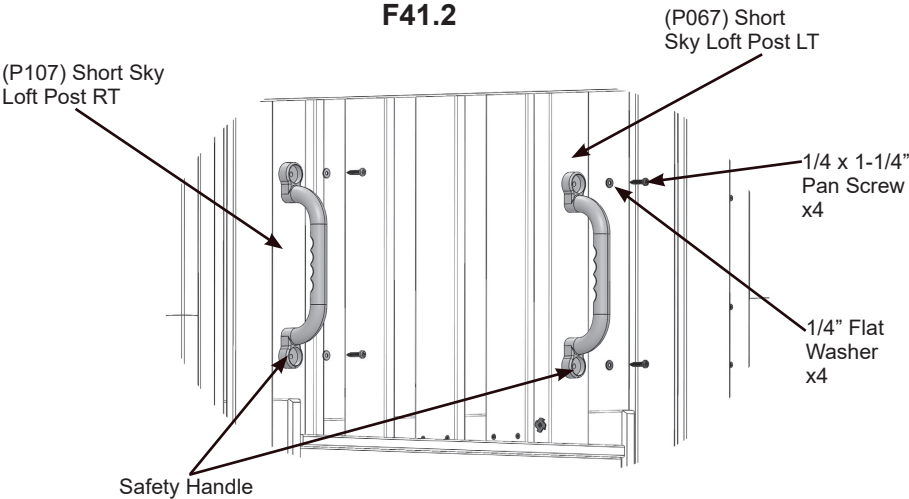
Part 1

A: Center Safety Handles on (P107) Short Sky Loft Post RT and (P067) Short Sky Loft Post LT, above the Sky Loft Access Assembly as shown in F41.1 and F41.2. Attach using two 1/4 x 1-1/4" Pan Screws (with 1/4" flat washer) per Safety Handle.

F41.1



F41.2



Components:

2 x Safety Handle

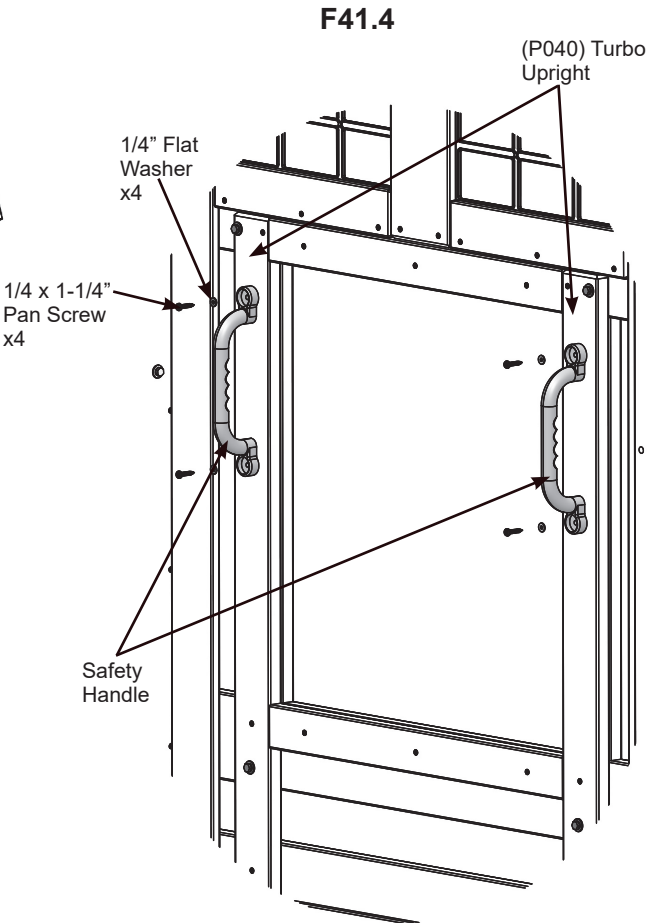
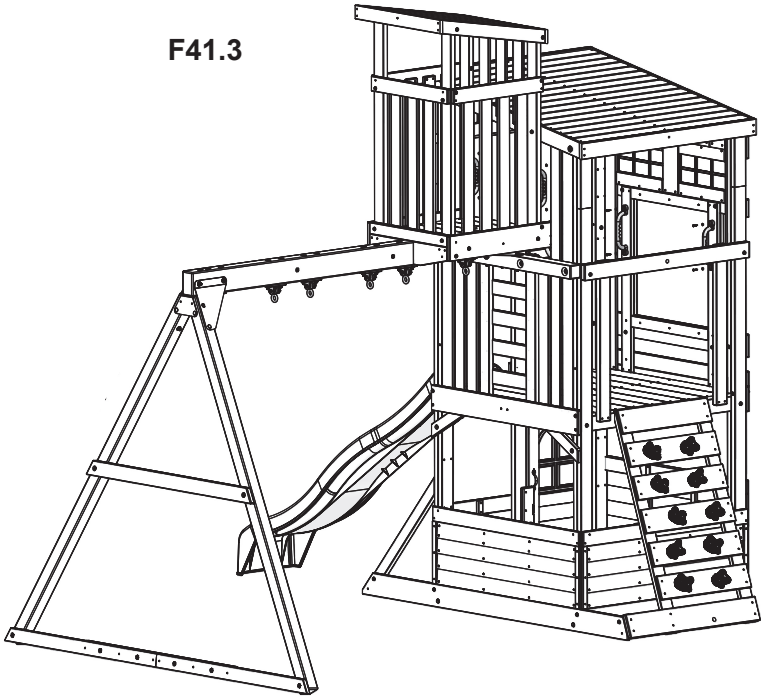
Hardware

4 x 1/4 x 1-1/4" Pan Screw (with 1/4" flat washer)

Step 41: Safety Handles

Part 2

B: Center one Safety Handle on each (P040) Turbo Upright as shown in F41.3 and F41.4. Attach using two 1/4 x 1-1/4" Pan Screws (with 1/4" flat washer) per Safety Handle.



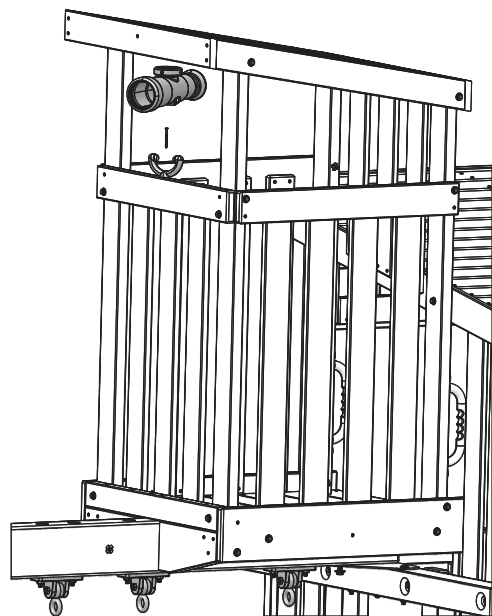
Components:
2 x Safety Handle

Hardware
4 x 1/4 x 1-1/4" Pan Screw (with 1/4" flat washer)

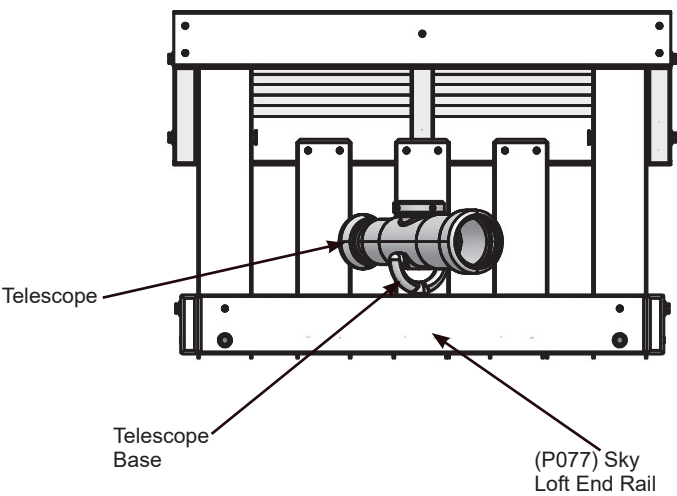
Step 42: Telescope

- A:** Center Telescope Base on (P077) Sky Loft End Rail and attach using one #8 x 2" Wood Screw. (F42.1 and F42.2)
- B:** Snap the Telescope onto the Telescope Base. (F42.1, F42.2 and F42.3)

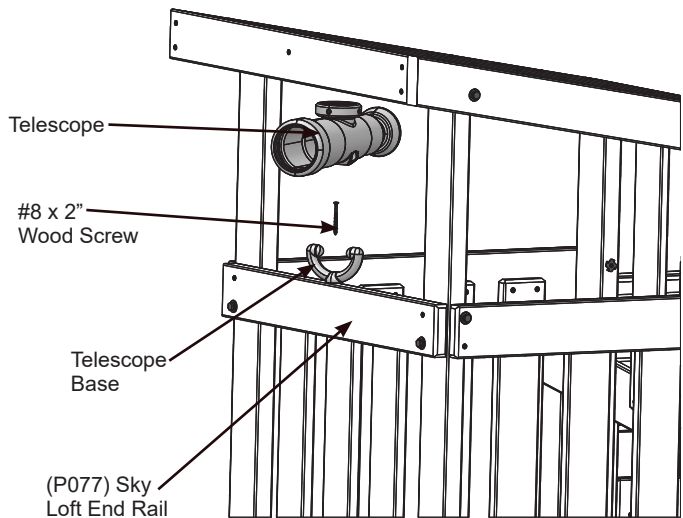
F42.1



F42.3



F42.2



Components:

1 x Telescope

Hardware

1 x #8 x 2" Wood Screw

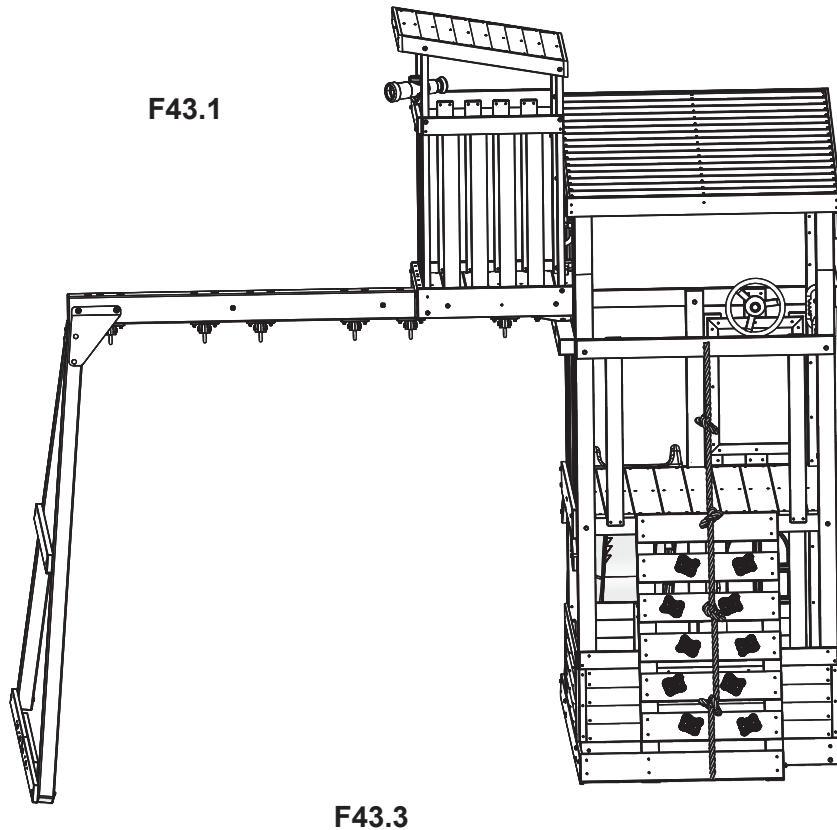
Step 43: Climbing Rope

A: Feed one end of the Climbing Rope through the hole in (P088) Back Top and tie a knot in that end of the rope. (F43.1 & F43.2)

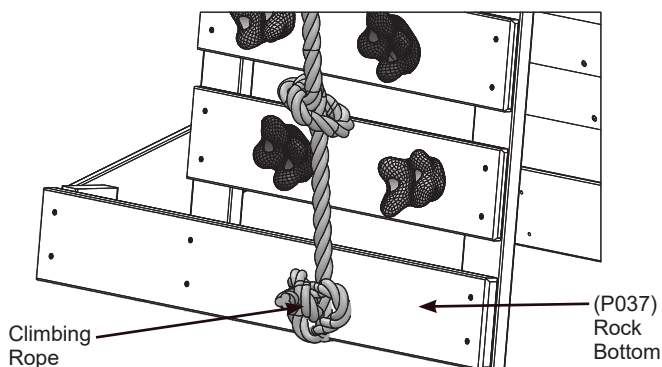
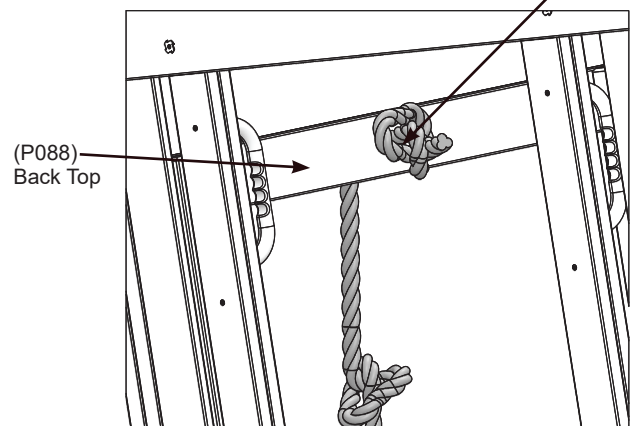
B: Tie 4 more knots in the rope making sure that they are evenly spaced from top to bottom. (F43.1)

C: Wrap Climbing Rope under (P037) Rock Bottom then feed rope back through the hole in (P037) Rock Bottom and pull tight. Tie off the rope securely with a single knot tight to the front of (P037) Rock Bottom. (F.43.1 and F43.3)

IMPORTANT: MAKE SURE THE ROPE IS TIGHT .



F43.2
Inside View



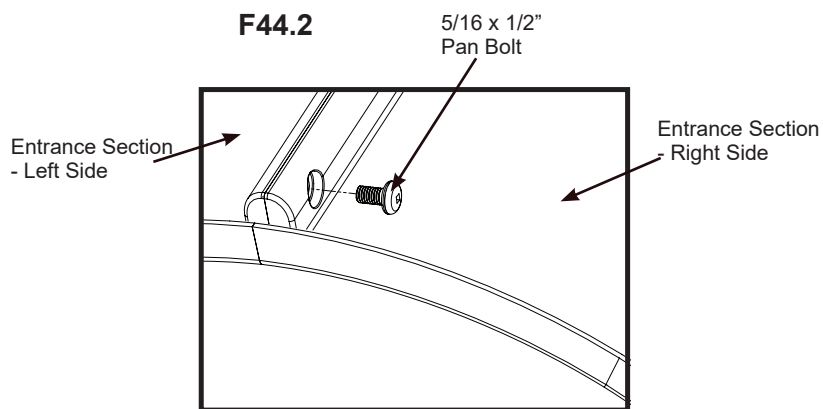
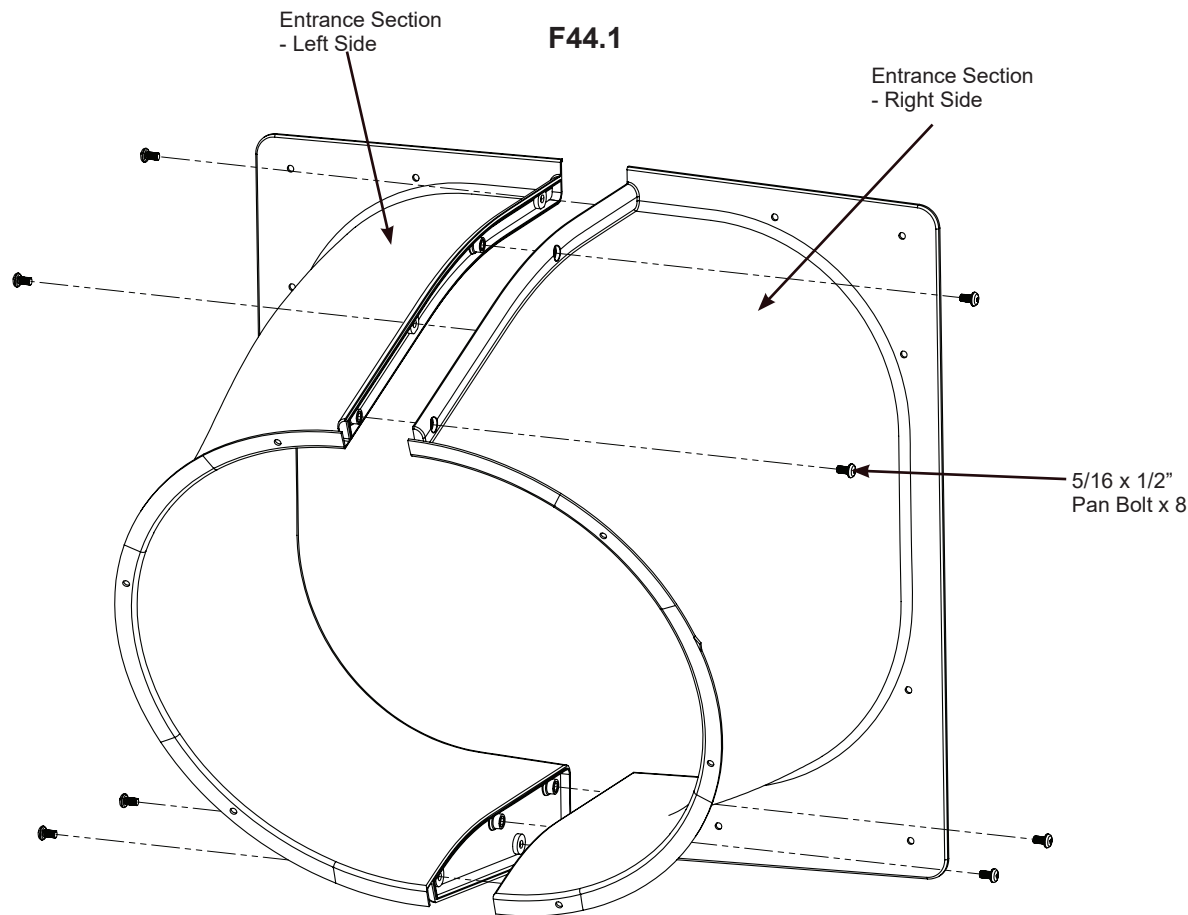
Components:

1 x Climbing Rope

Step 44: Turbo Slide Assembly

Part 1

A: Fasten Entrance Section - Right Side and Entrance Section - Left Side together with eight 5/16 x 1/2" Pan Bolts. (F44.1 and F44.2)



Components:

- 1 x Entrance Section - Right Side
- 1 x Entrance Section - Left Side

Hardware

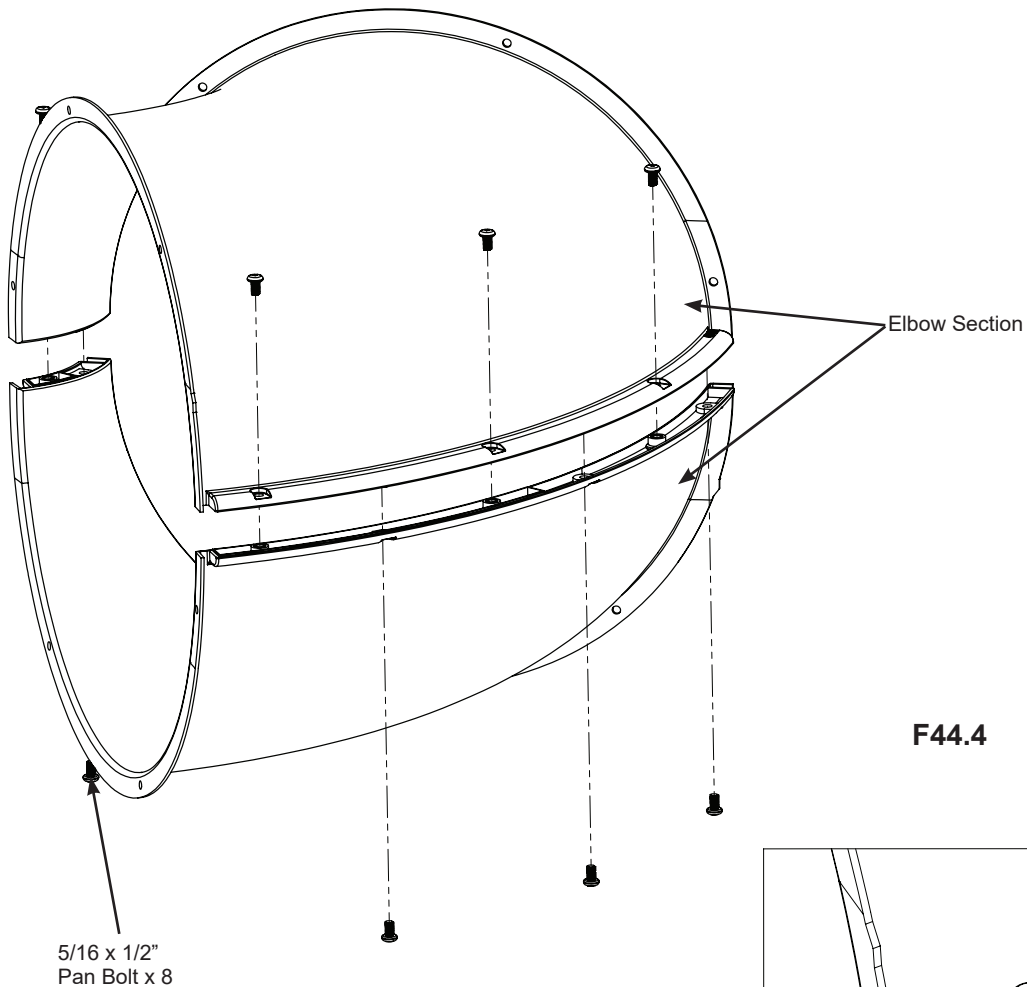
- 8 x 5/16 x 1/2" Pan Bolt

Step 44: Turbo Slide Assembly Part 2

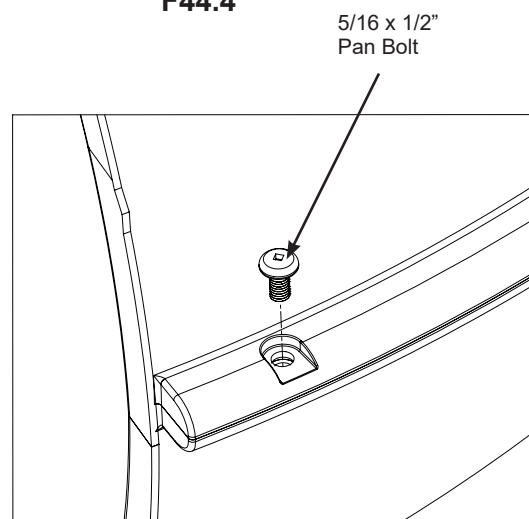
B: Fasten two Elbow Sections together with eight 5/16 x 1/2" Pan Bolts. (F44.3 and F44.4)

C: Repeat Step B two more times to create 3 Elbow Section Assemblies.

F44.3



F44.4



Components:

6 x Elbow Section

Hardware

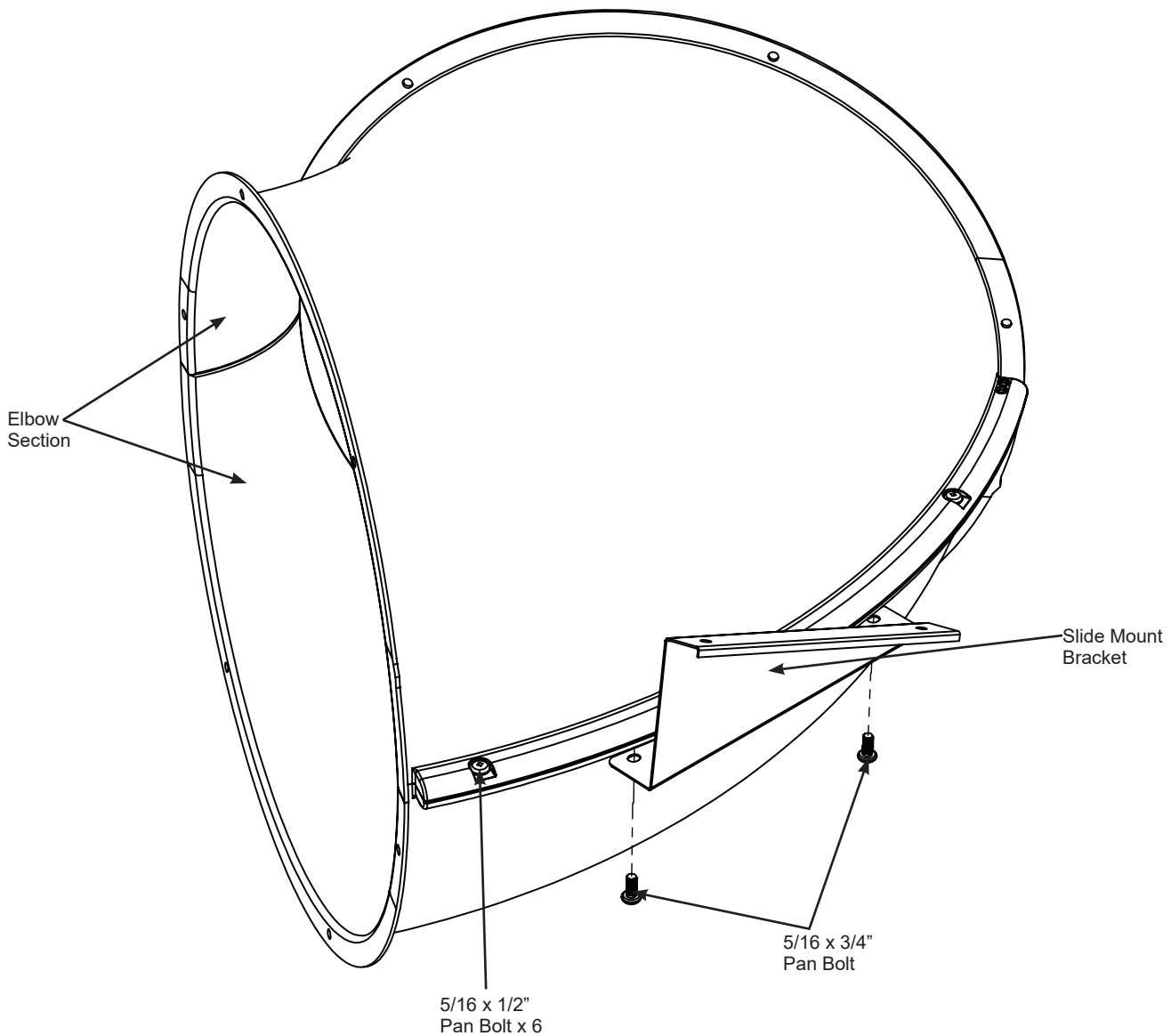
24 x 5/16 x 1/2" Pan Bolt

Step 44: Turbo Slide Assembly Part 3

D: Fasten Elbow Sections together with six 5/16" x 1/2" Pan Head bolts. (F44.5)

E: Fasten Slide Mount Bracket to Elbow with two 5/16" x 3/4" Pan Head Bolts. (F44.5)

F44.5



Components:

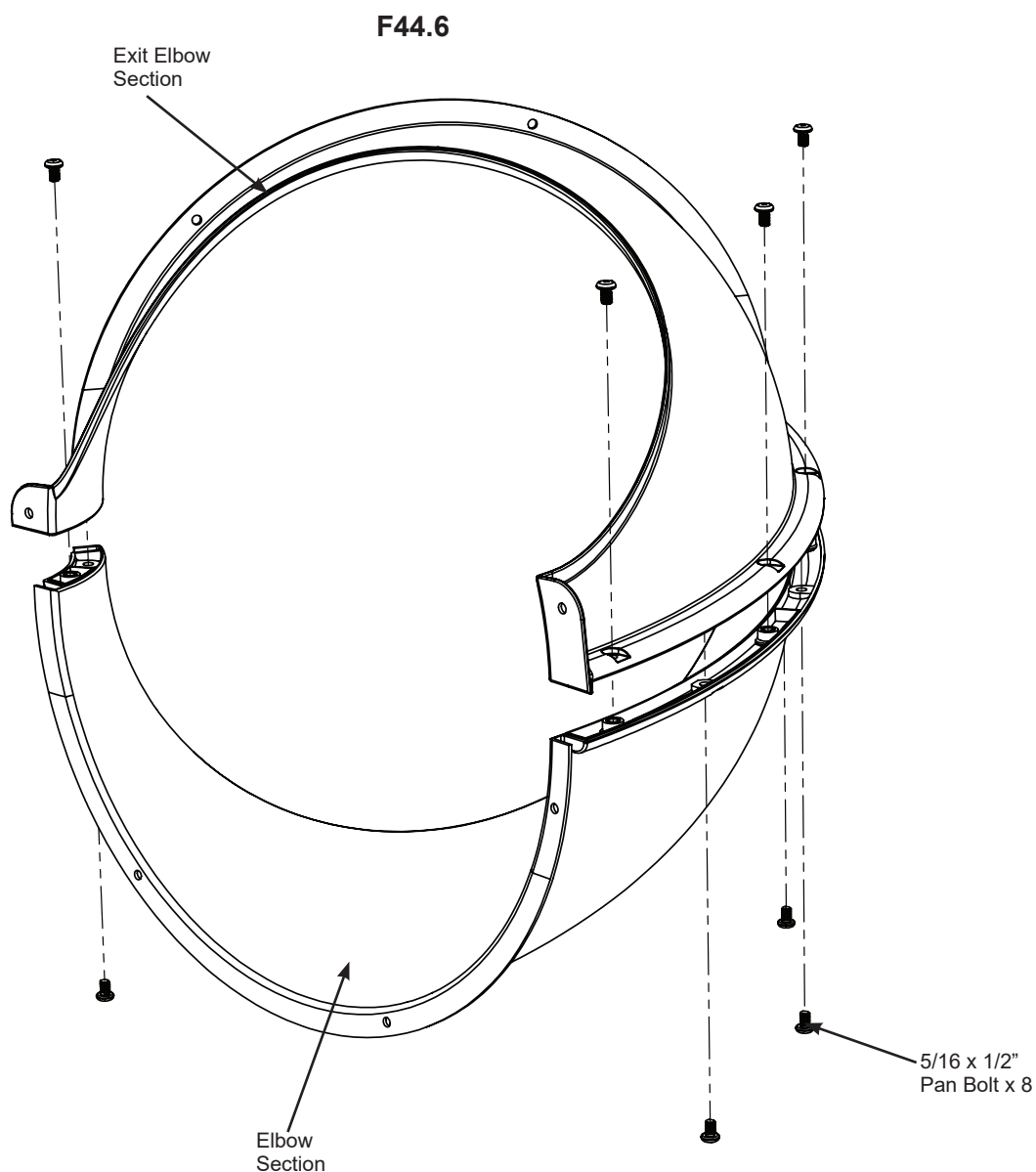
2 x Elbow Section
1 x Slide Mount Bracket

Hardware

6 x 5/16 x 1/2" Pan Bolt
2 x 5/16 x 3/4" Pan Bolt

Step 44: Turbo Slide Assembly Part 4

F: Fasten Elbow Section and Exit Elbow Section together with eight 5/16 x 1/2" Pan Bolts. (F44.6)



Components:

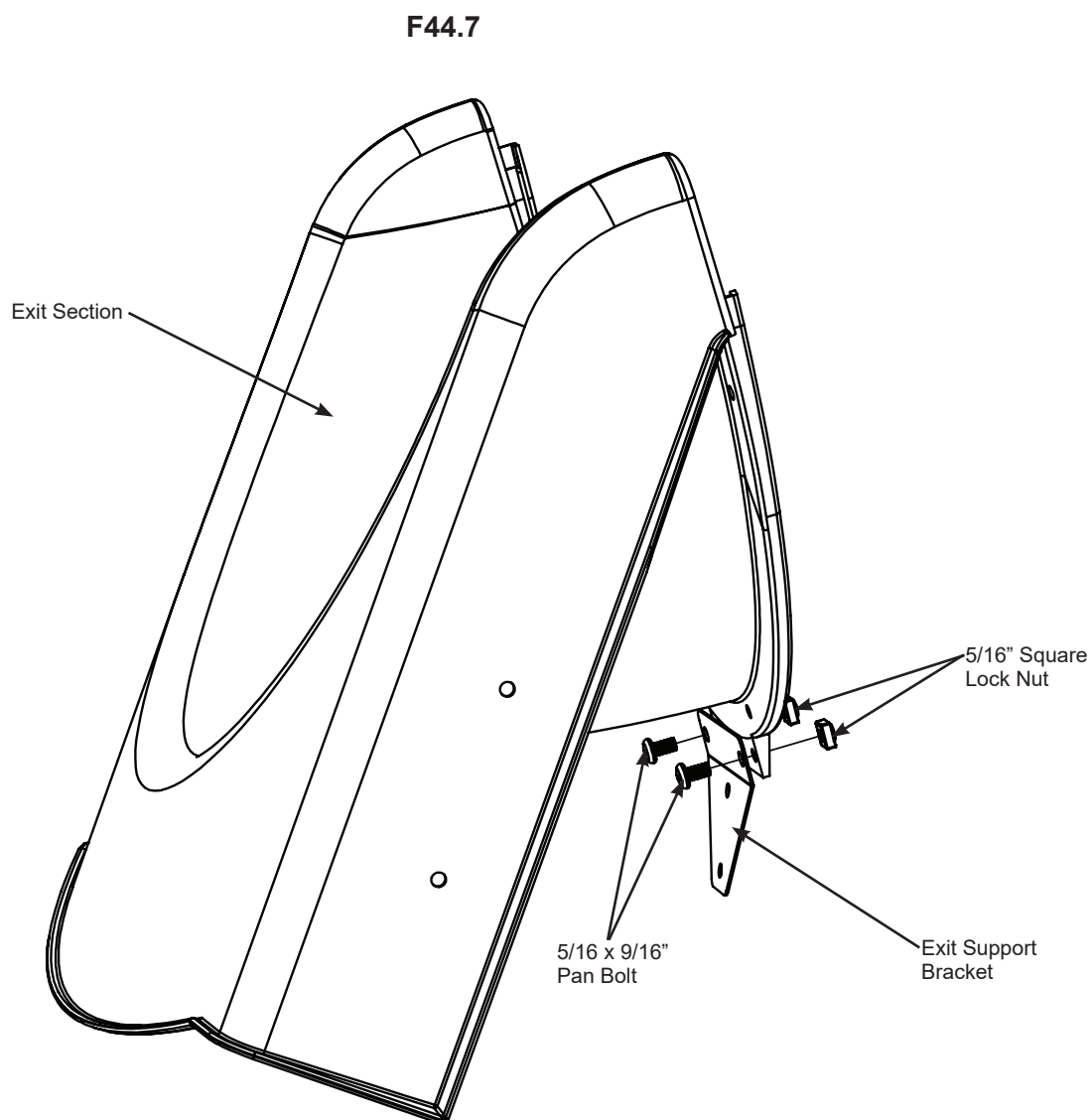
1 x Elbow Section
1 x Exit Elbow Section

Hardware

8 x 5/16 x 1/2" Pan Bolt

Step 44: Turbo Slide Assembly Part 5

G: Fasten the tab on the bottom of the Exit Section to the Exit Support Bracket with two 5/16 x 9/16" Pan Bolts (with 5/16" Square Lock Nut). (F44.7)



Components:

1 x Exit Section
1 x Exit Support Bracket

Hardware

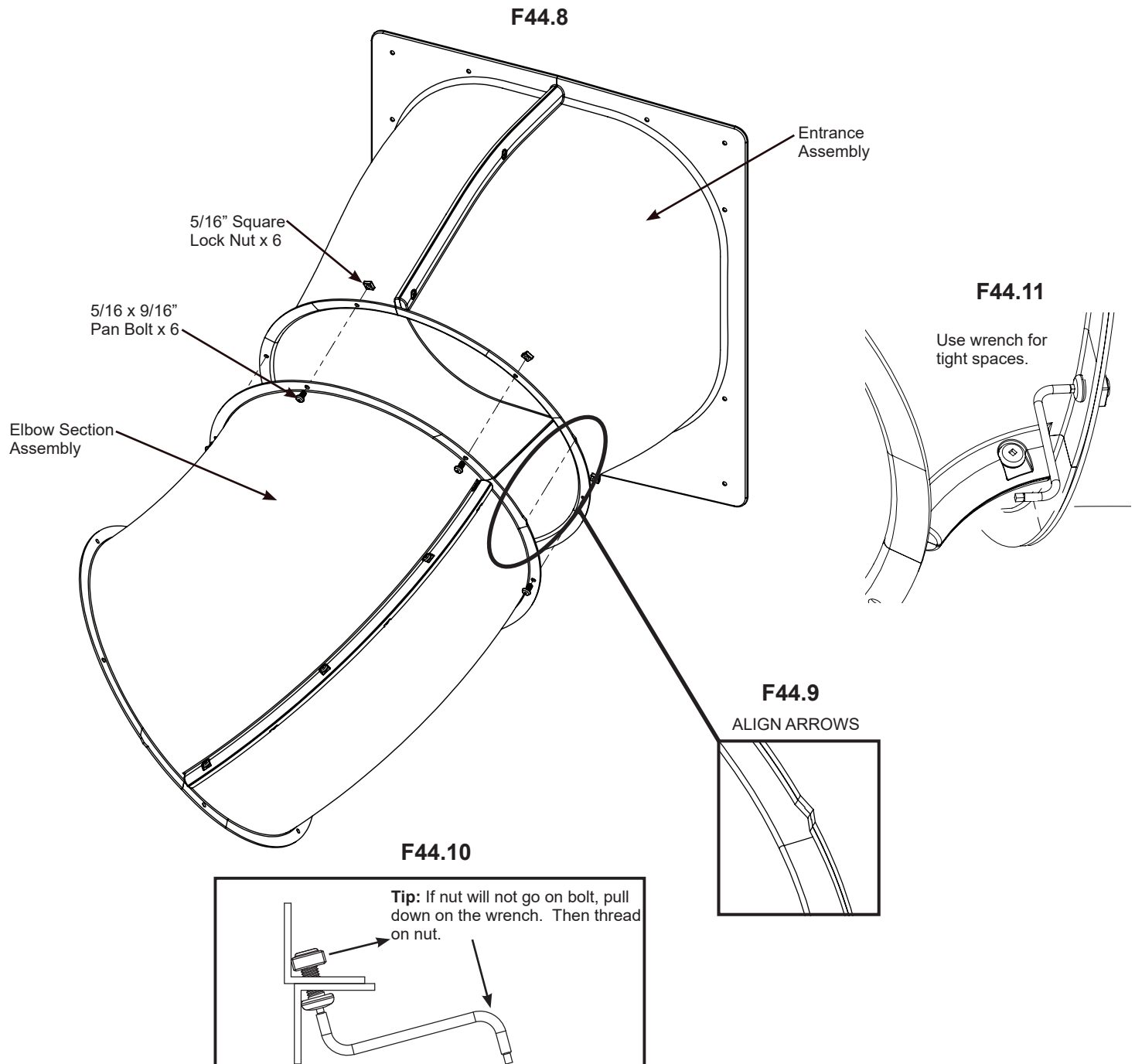
2 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

Step 44: Turbo Slide Assembly Part 6

H: Fasten the Entrance Assembly to the Elbow Section Assembly with six 5/16 x 9/16 Pan Bolts (with 5/16" Square Lock Nut) (F44.8, F44.9, F44.10 and F44.11)

Tip: Hold the bolt with the wrench provided. Use a 5/8" wrench to tighten nut.

Note: Align Arrows

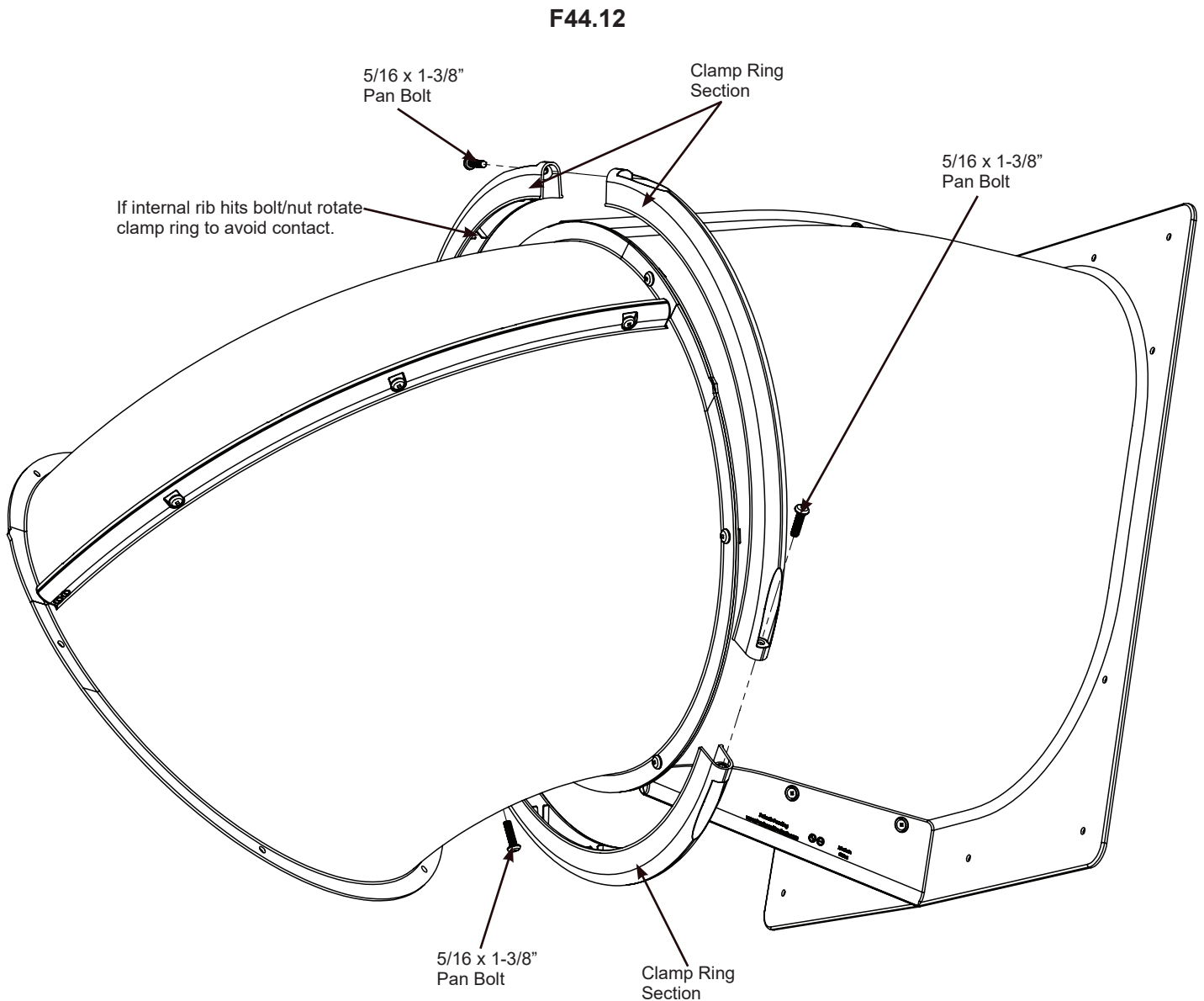


Hardware

6 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

Step 44: Turbo Slide Assembly Part 7

I: Fasten three Clamp Ring sections together over the intersection with three 5/16 x 1-3/8 Pan Bolts. Partially thread each bolt into the next Clamp Ring. When all bolts are partially installed, tighten all bolts. (F44.12)



Components:

3 x Clamp Ring Section

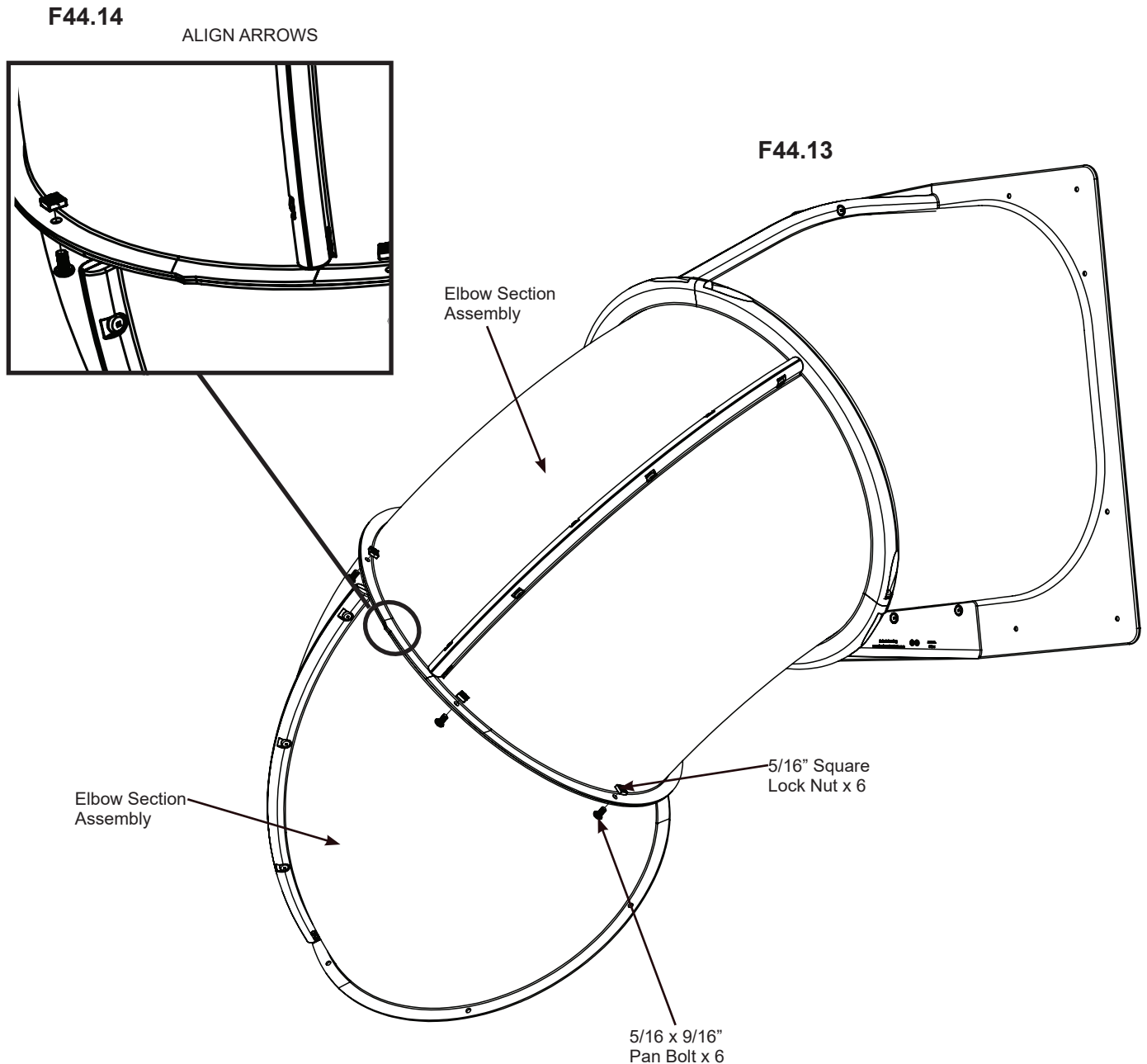
Hardware

3 x 5/16 x 1-3/8" Pan Bolt

Step 44: Turbo Slide Assembly Part 8

J: Fasten the Elbow Section Assemblies together with six 5/16 x 9/16" Pan Bolts (with 5/16" Square Lock Nut). (F44.13 and F44.14)

Note: Align Arrows.

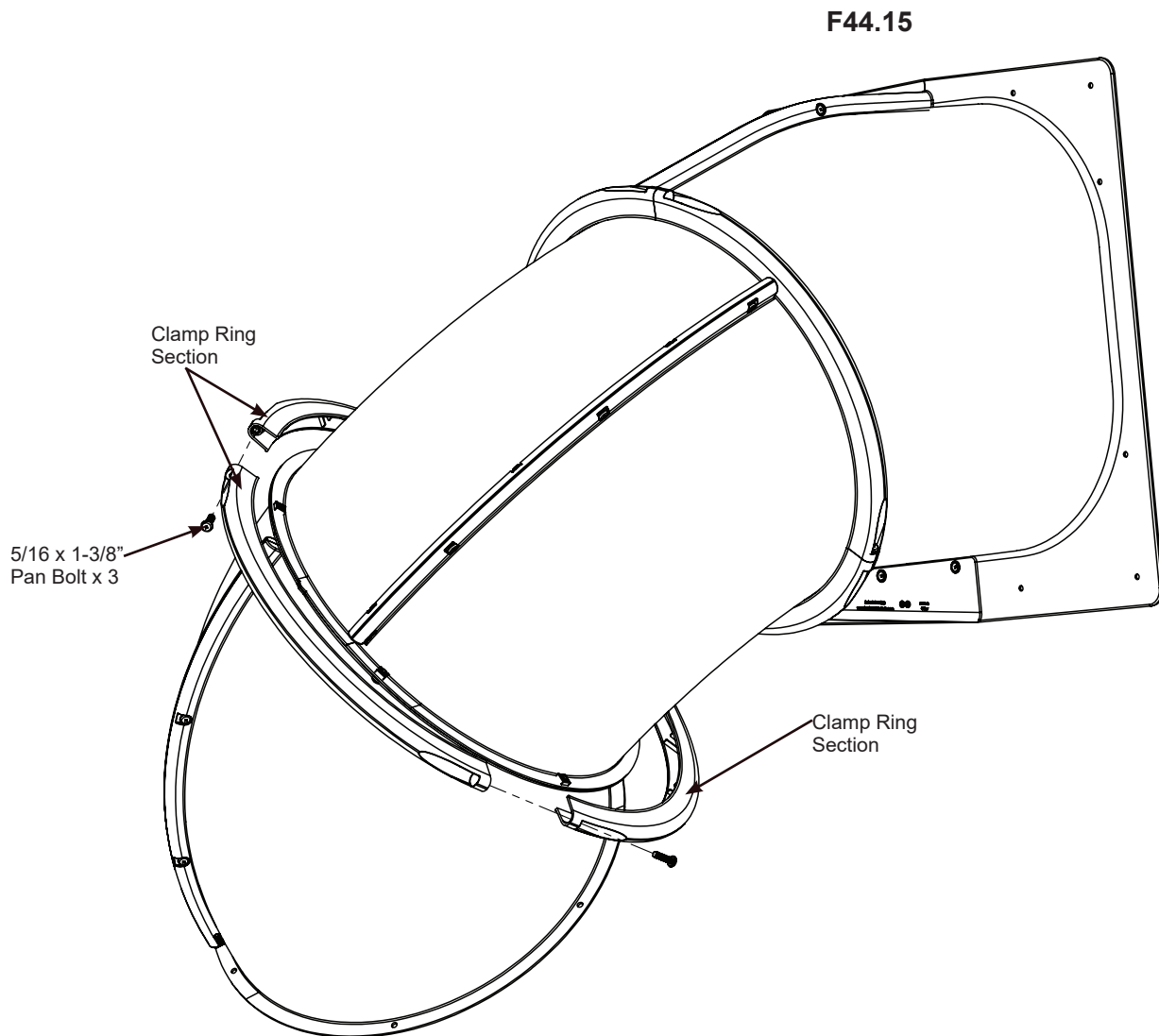


Hardware

6 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

Step 44: Turbo Slide Assembly Part 9

K: Fasten three Clamp Ring sections together over the intersection with three 5/16 x 1-3/8 Pan Bolts. Partially thread each bolt into the next Clamp Ring. When all bolts are partially installed, tighten all bolts. (F44.15)



Components:

3 x Clamp Ring Section

Hardware

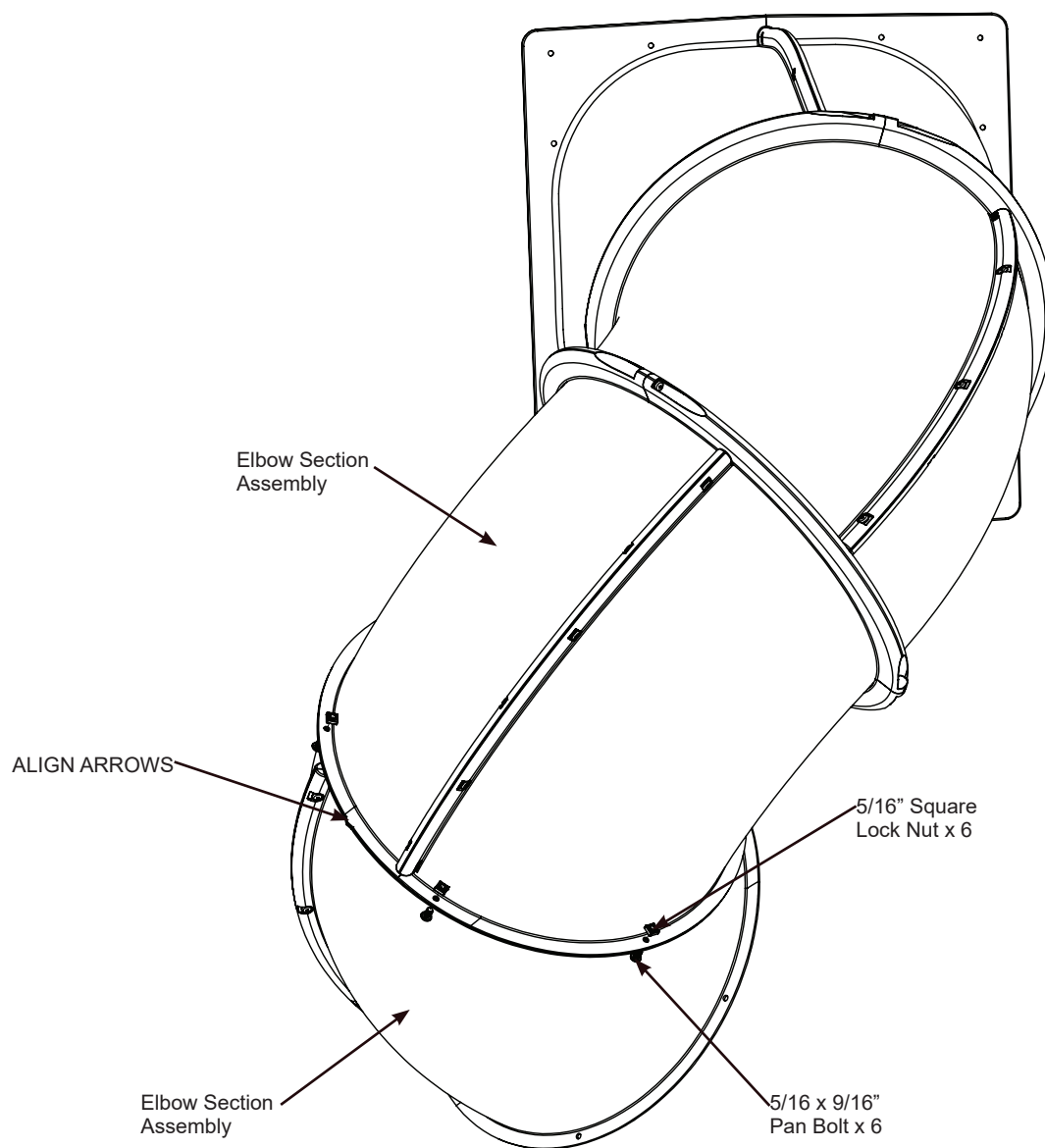
3 x 5/16 x 1-3/8" Pan Bolt

Step 44: Turbo Slide Assembly Part 10

L: Fasten the Elbow Section Assemblies together with six 5/16 x 9/16" Pan Bolts (with 5/16" Square Lock Nut). (F44.16)

Note: Align Arrows.

F44.16



Hardware

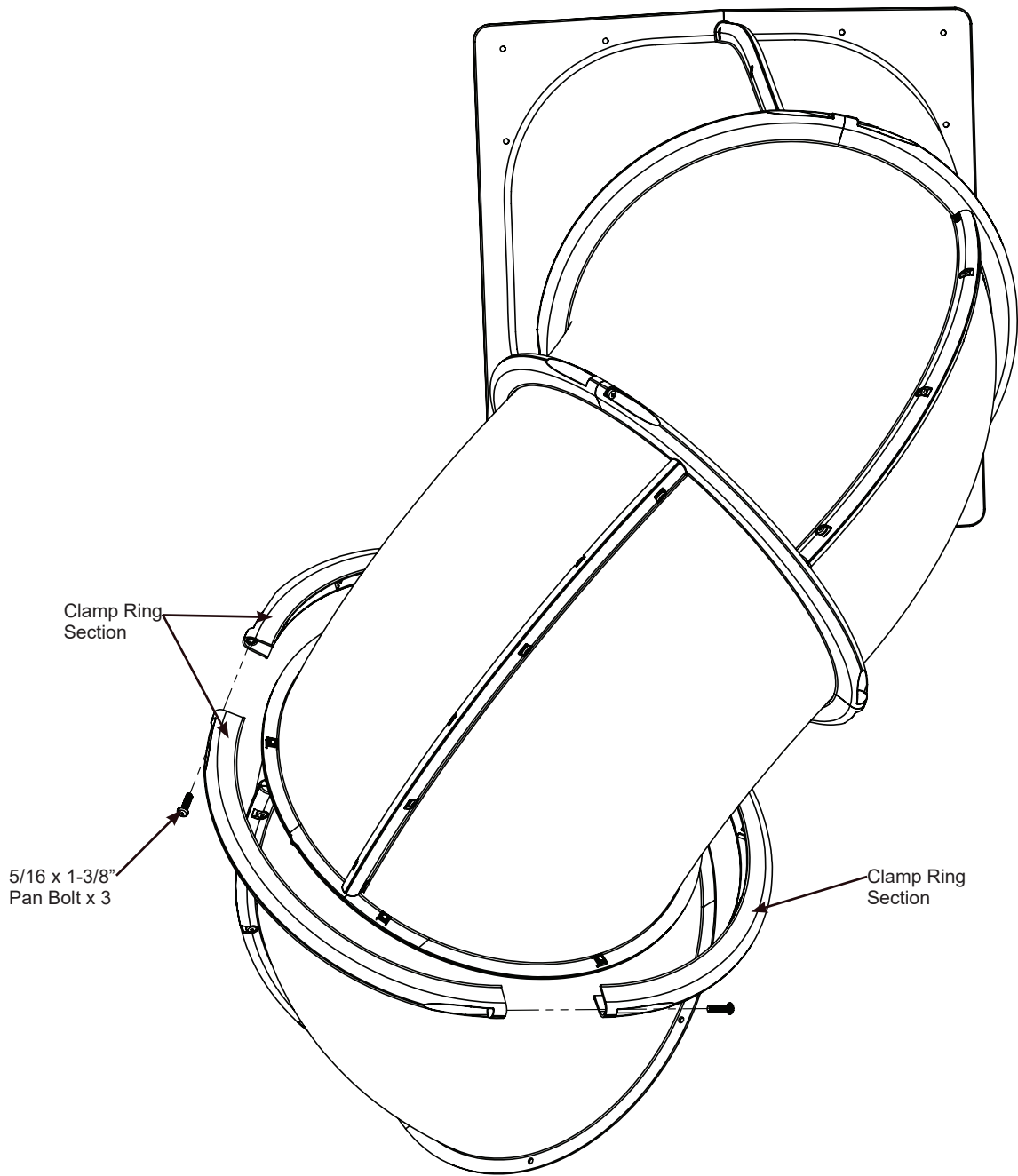
6 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

Step 44: Turbo Slide Assembly

Part 11

M: Fasten three Clamp Ring sections together over the intersection with three 5/16 x 1-3/8 Pan Bolts. Partially thread each bolt into the next Clamp Ring. When all bolts are partially installed, tighten all bolts. (F44.17)

F44.17



Components:

3 x Clamp Ring Section

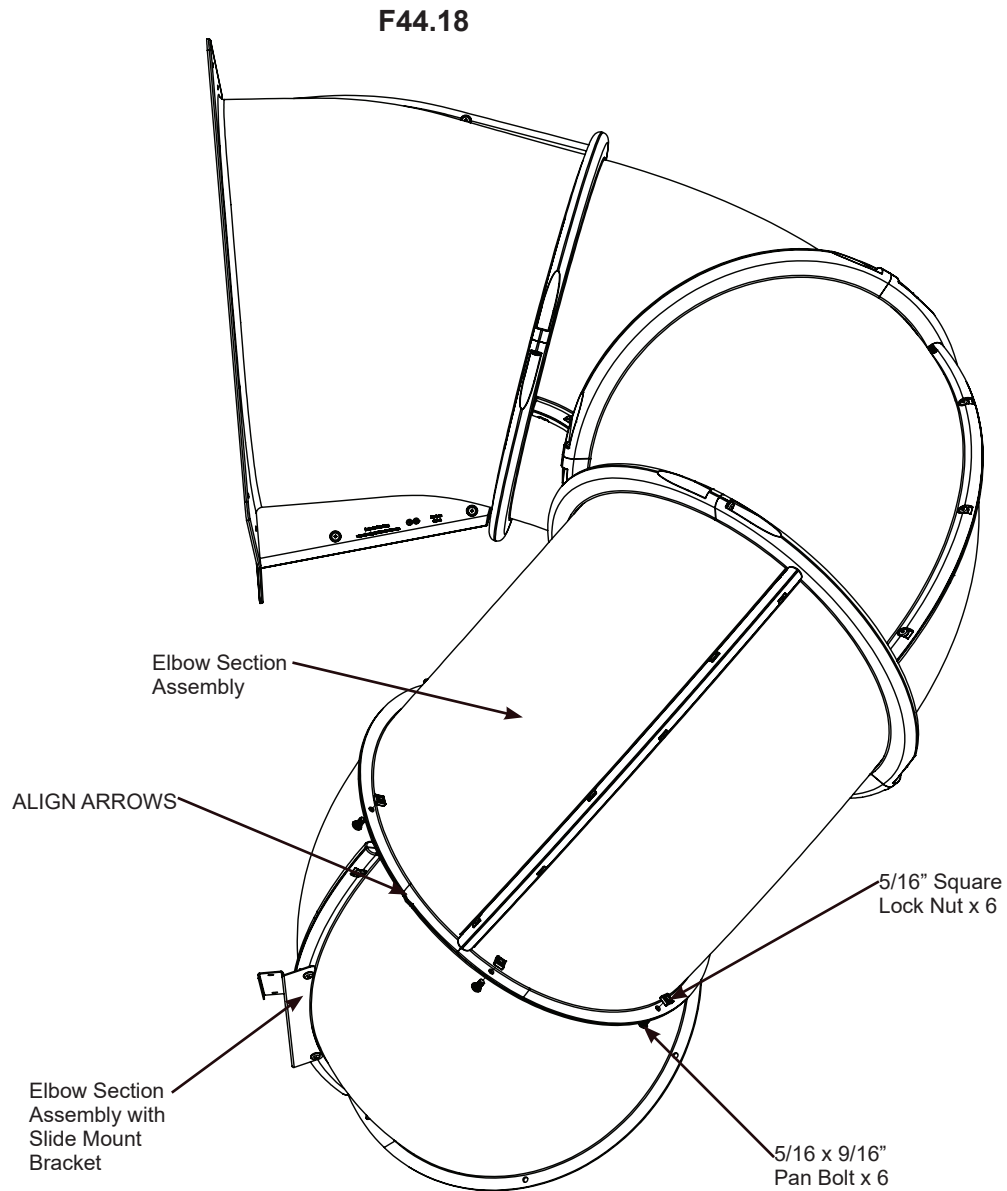
Hardware

3 x 5/16 x 1-3/8" Pan Bolt

Step 44: Turbo Slide Assembly Part 12

N: Fasten the Elbow Section Assembly and Elbow Section Assembly with Slide Mount Bracket together with six 5/16 x 9/16" Pan Bolts (with 5/16" Square Lock Nut). (F44.18)

Note: Align Arrows.



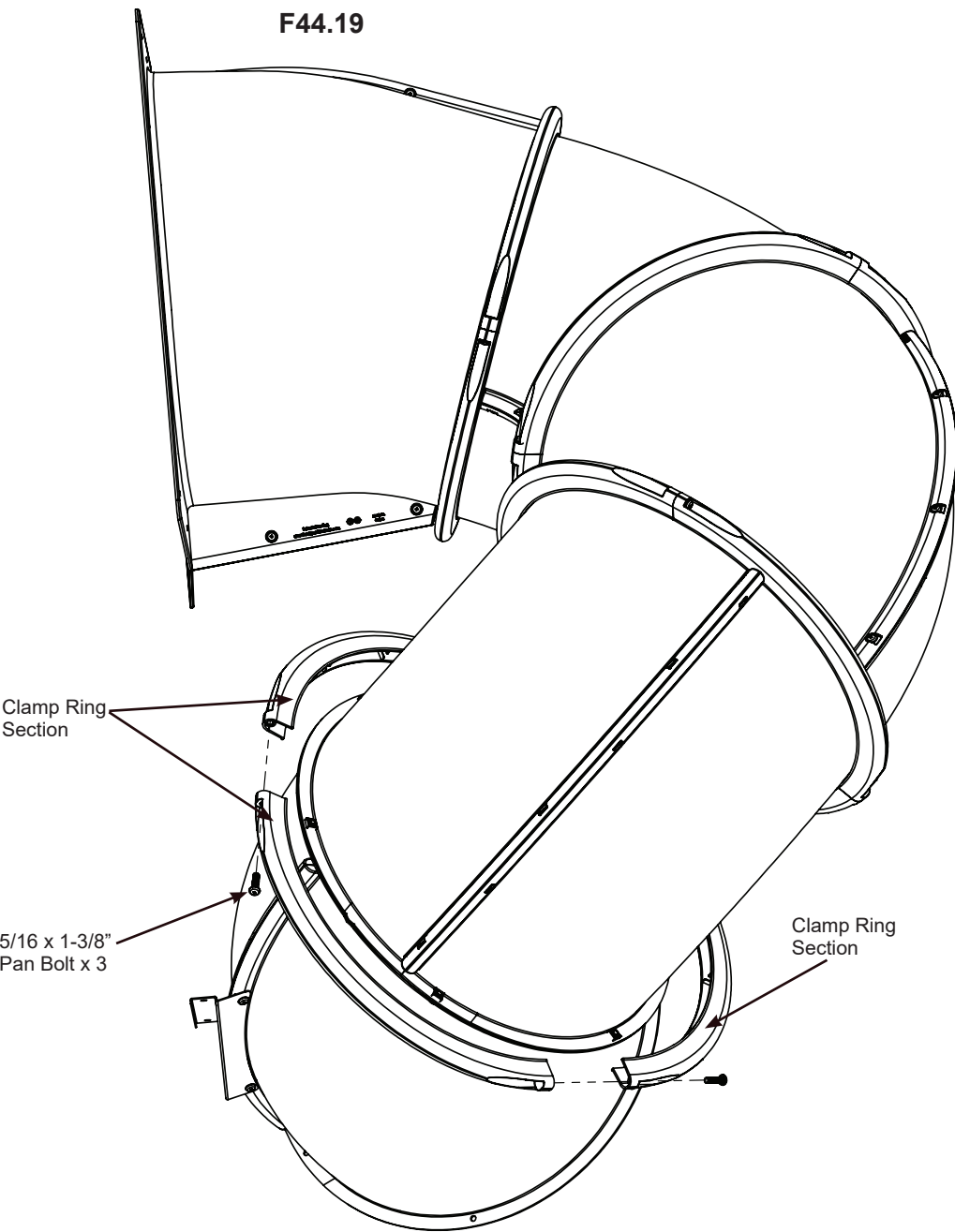
Hardware

6 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

Step 44: Turbo Slide Assembly

Part 13

O: Fasten three Clamp Ring sections together over the intersection with three 5/16 x 1-3/8 Pan Bolts. Partially thread each bolt into the next Clamp Ring. When all bolts are partially installed, tighten all bolts. (F44.19)



Components:

3 x Clamp Ring Section

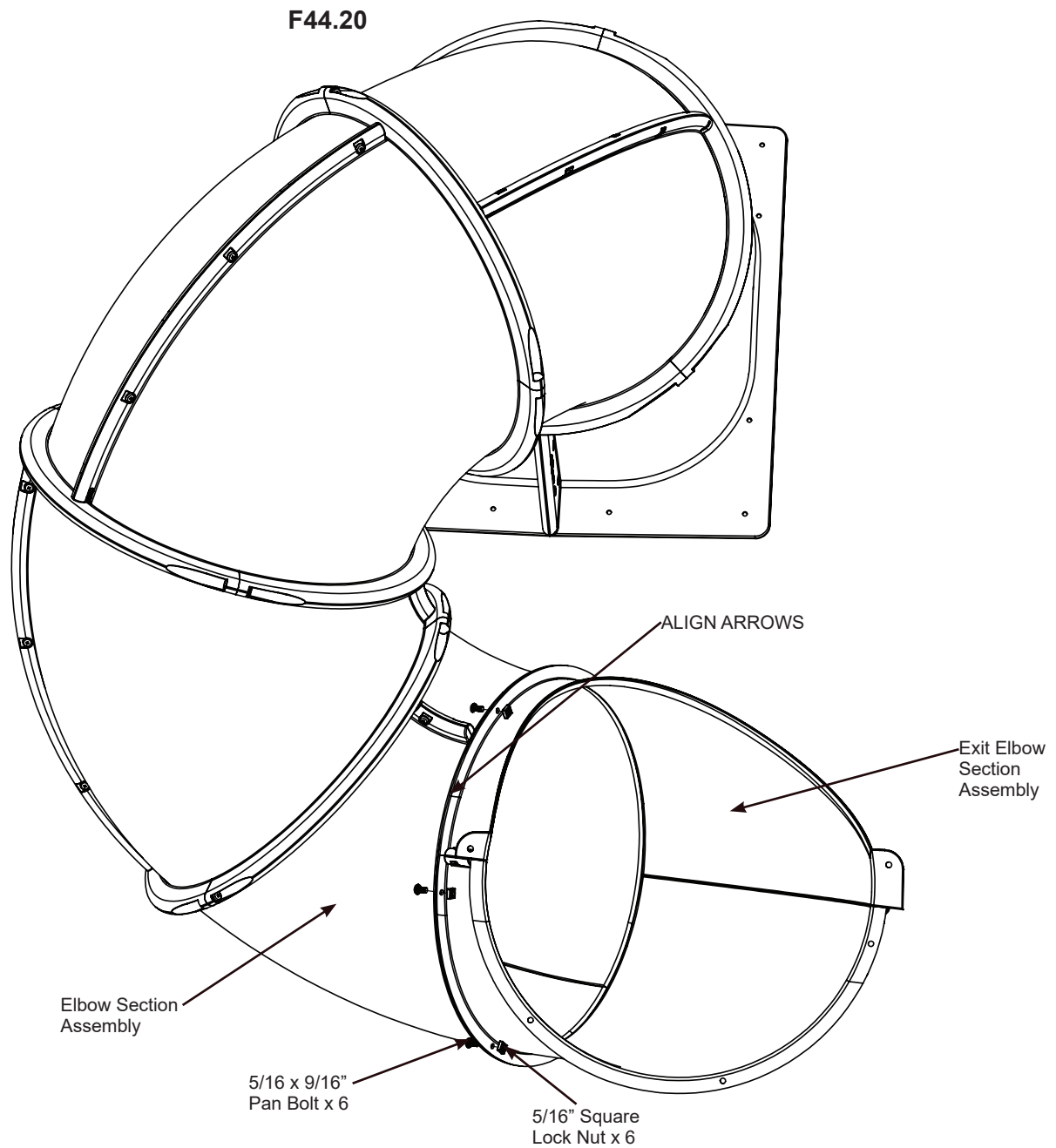
Hardware

3 x 5/16 x 1-3/8" Pan Bolt

Step 44: Turbo Slide Assembly Part 14

P: Fasten the Elbow Section Assembly and Exit Elbow Section Assembly together with six 5/16 x 9/16" Pan Bolts (with 5/16" Square Lock Nut). (F44.20)

Note: Align Arrows.

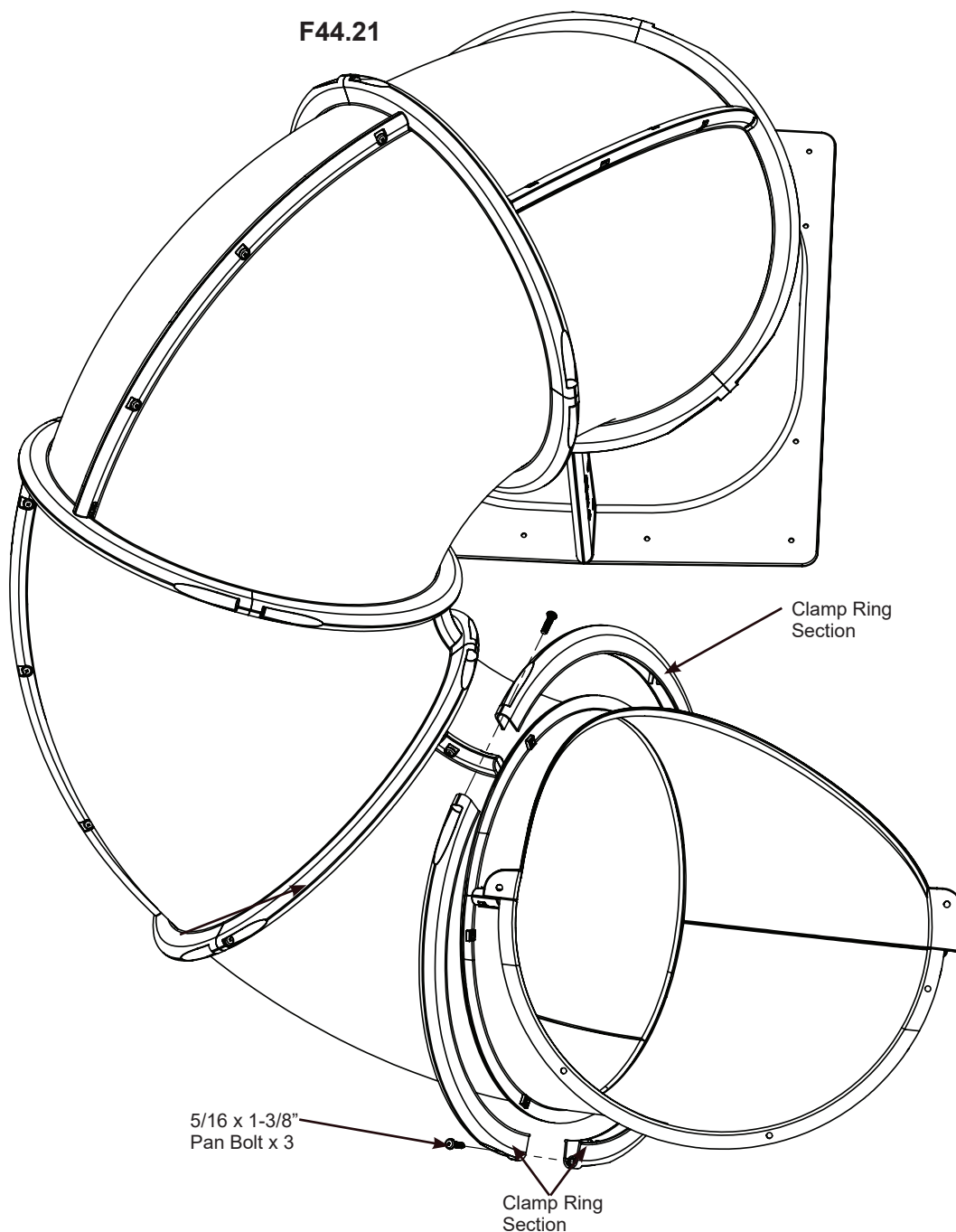


Hardware

6 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

Step 44: Turbo Slide Assembly Part 15

Q: Fasten three Clamp Ring sections together over the intersection with three 5/16 x 1-3/8 Pan Bolts. Partially thread each bolt into the next Clamp Ring. When all bolts are partially installed, tighten all bolts. (F44.21)



Components:

3 x Clamp Ring Section

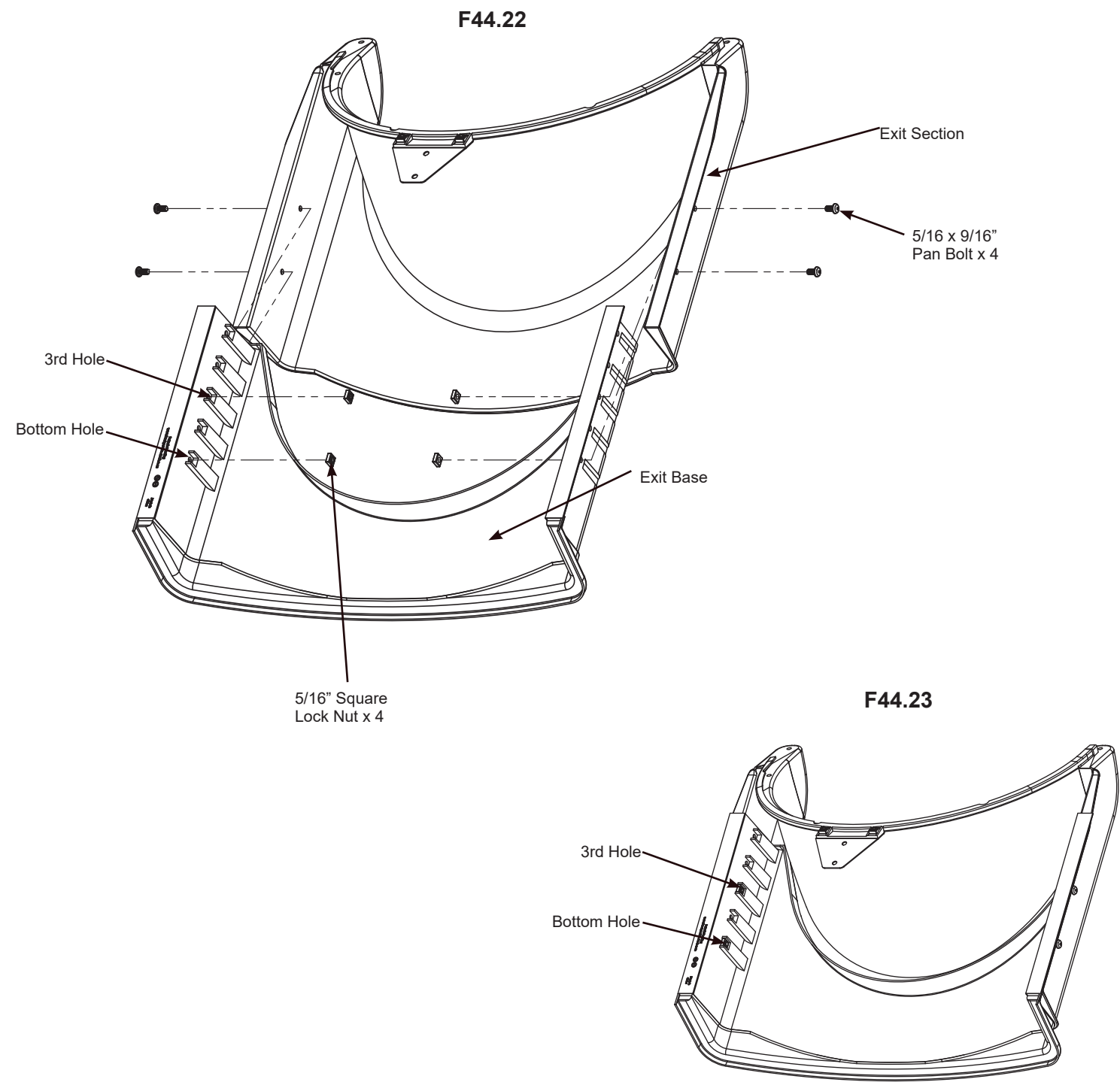
Hardware

3 x 5/16 x 1-3/8" Pan Bolt

Step 44: Turbo Slide Assembly

Part 16

R: Fasten the Exit Section to the Exit Base through the bottom and 3rd holes with four 5/16 x 9/16" Pan Bolts (with 5/16" Square Lock Nut). (F44.22 and F44.23)



Components:

1 x Exit Base

Hardware

4 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

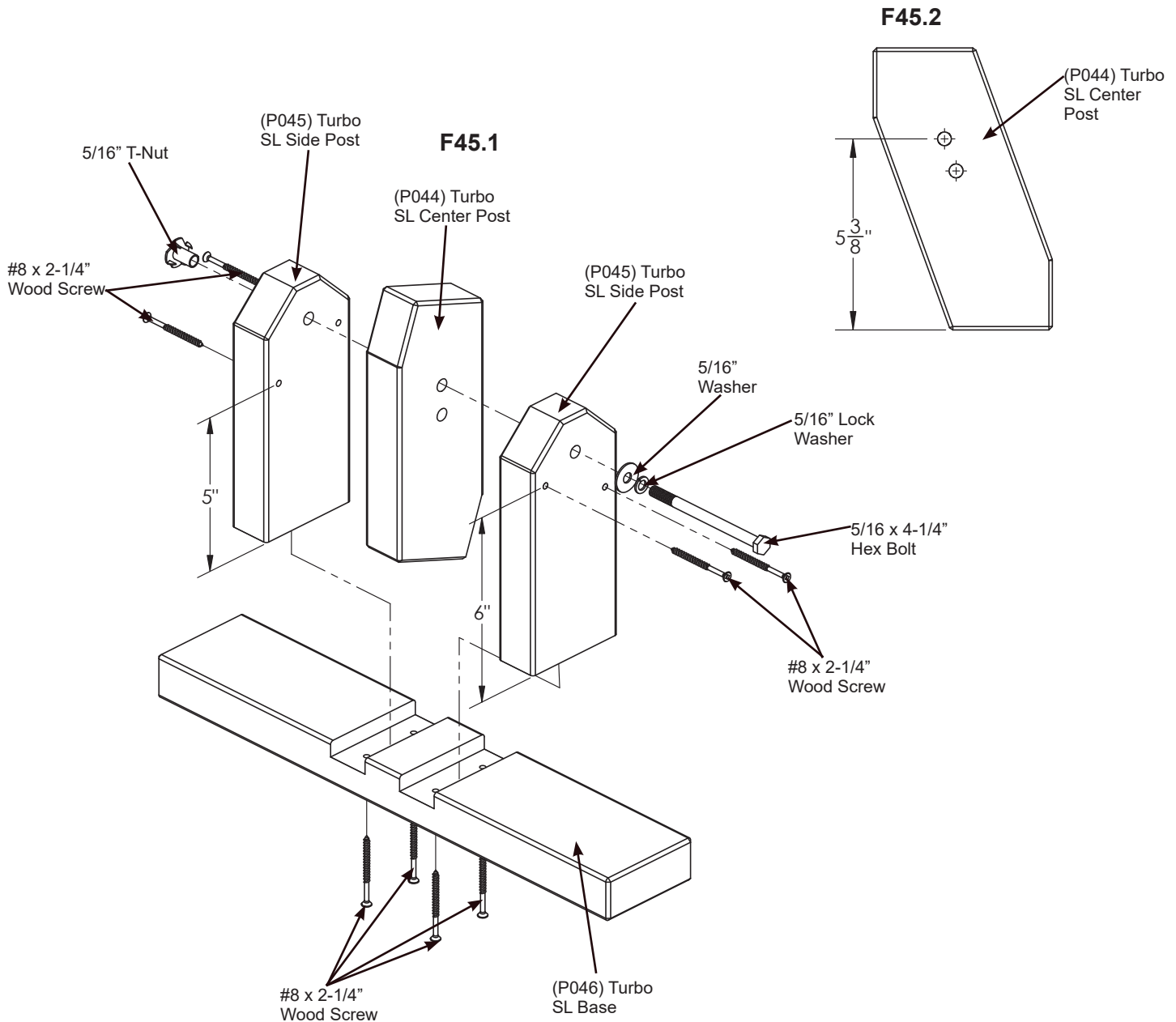
Step 45: Turbo Slide Exit Support Assembly



A: Note the position of the small holes in the (P045) Turbo SL Side Post then install 5/16" T-Nut. (F45.1)

B: Loosely connect two (P045) Turbo SL Side Posts and one (P044) Turbo SL Center Post using one 5/16 x 4-1/4" Hex Bolt (with 5/16" Lock Washer, 5/16" Washer) into previously installed T-Nut. (F45.1 and F45.2)

NOTE: Use the top hole of (P044) Turbo SL Center Post.



Wood Parts

- 1 x (P044) Turbo SL Center Post
- 2 x (P045) Turbo SL Side Post
- 1 x (P046) Turbo SL Base

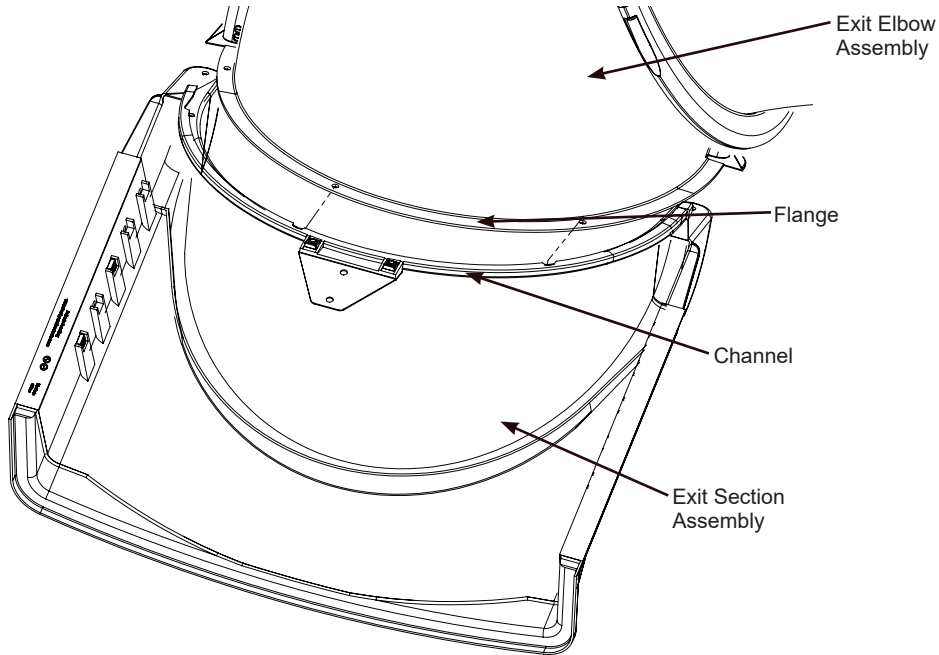
Hardware

- 8 x #8 x 2-1/4" Wood Screw
- 1 x 5/16 x 4-1/4" Hex Bolt
(with 5/16" lock washer, 5/16" washer, 5/16" t-nut)

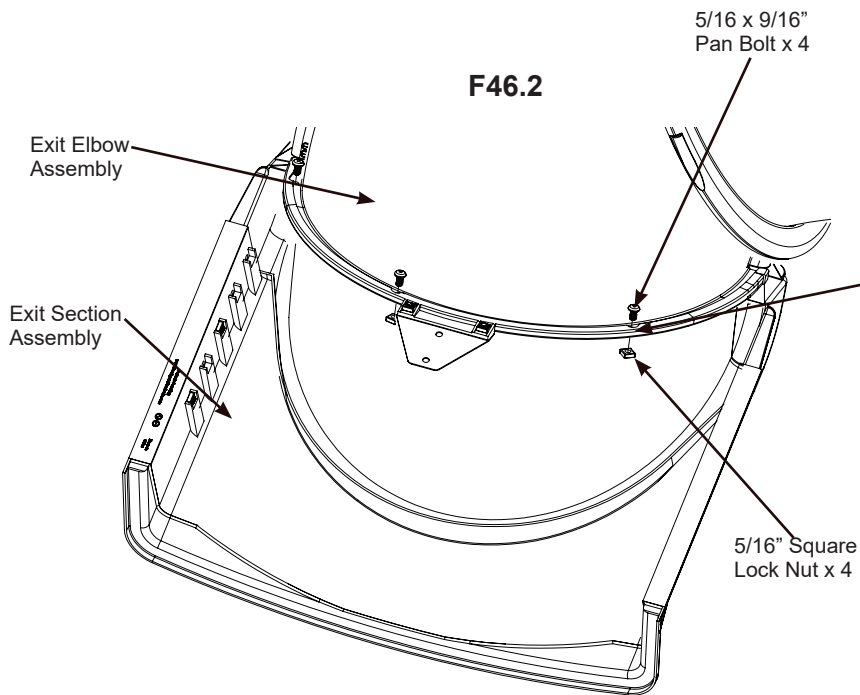
Step 46: Turbo Slide Exit Assembly Part 1

A: Place the flange of the Exit Section into the channel of the Exit Assembly and attach with three 5/16 x 9/16" Pan Bolts (with 5/16" Square Lock Nut). (F46.1, F46.2 and F46.3)

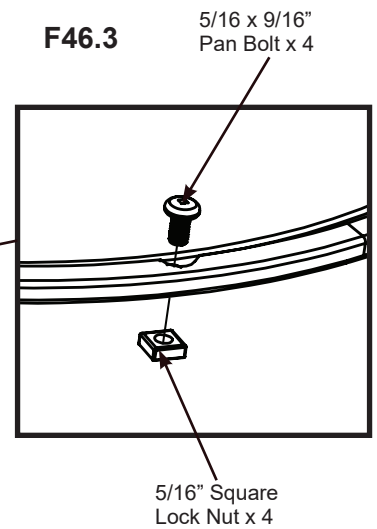
F46.1



F46.2



F46.3

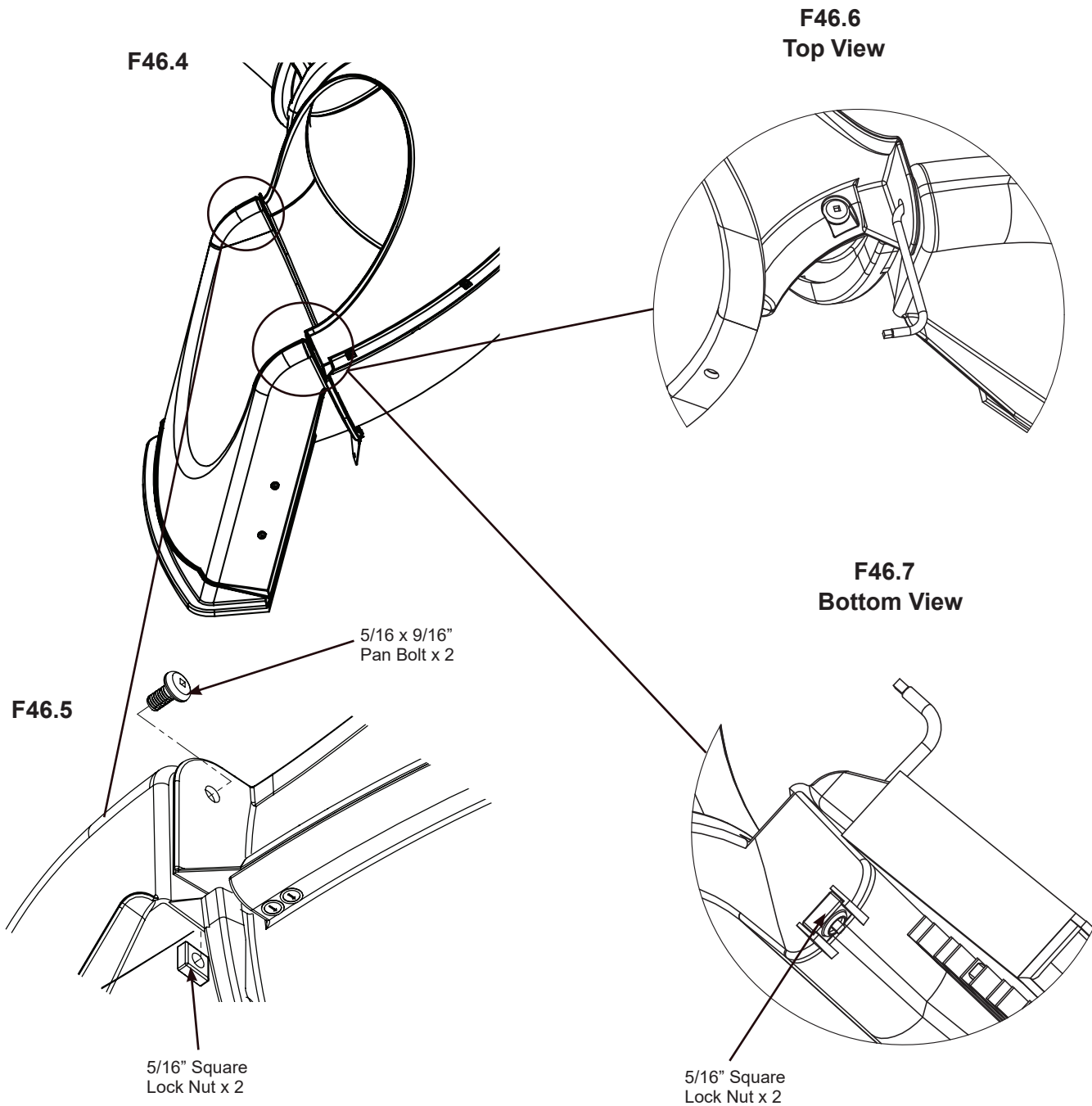


Hardware

4 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

Step 46: Turbo Slide Exit Assembly Part 2

B: Fasten the Exit Elbow Section with cutout area to the Exit Assembly with two 5/16 x 9/16" Pan Bolts (with 5/16" Square Lock Nut). Use wrench on inside radius to pre-align holes with nut as shown in F46.6 and F46.7. Hold nut in place and install bolt. (F46.4, F46.5, F46.6 and F46.7)



Hardware

2 x 5/16 x 9/16" Pan Bolt (with 5/16" square lock nut)

Step 46: Turbo Slide Exit Assembly Part 3



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

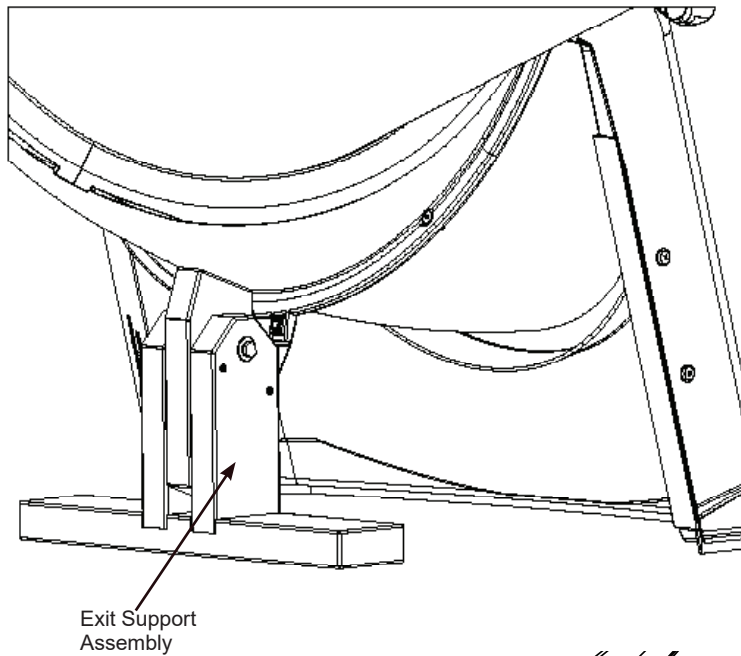
C: Position Exit Support Assembly against the Exit Bracket. (F46.8 and F46.9)

D: Center the Exit Support Assembly on the Exit Bracket hole and mark the holes. (F46.8 and F46.9)

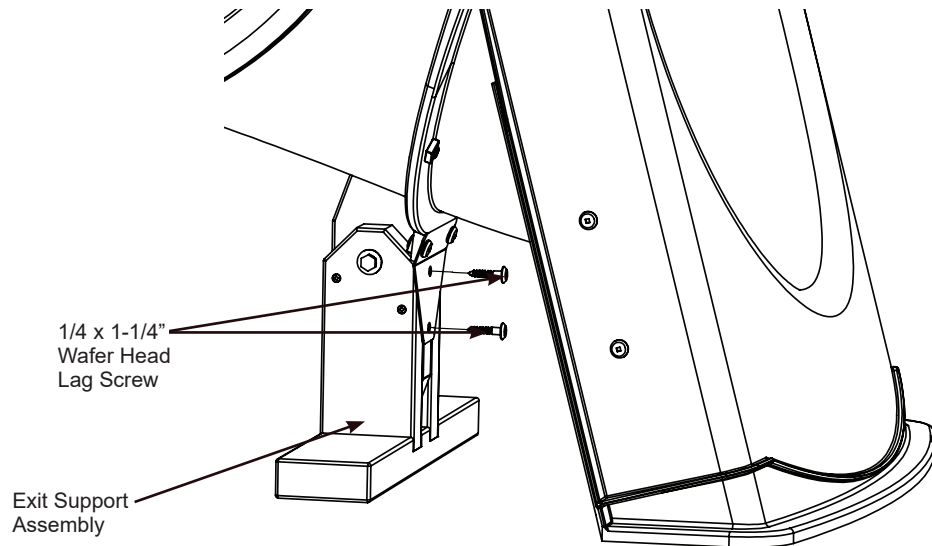
E: Pre Drill at marked locations. (F46.8 and F46.9)

F: Attached Exit Support Assembly to Exit Bracket using two 1/4 x 1-1/4" Wafer Head Lag Screws. (F46.8 and F46.9)

F46.8



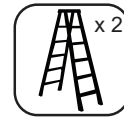
F46.9



Hardware

2 x 1/4 x 1-1/4" Wafer Head Lag Screw

Step 47: Turbo Slide Installation Part 1

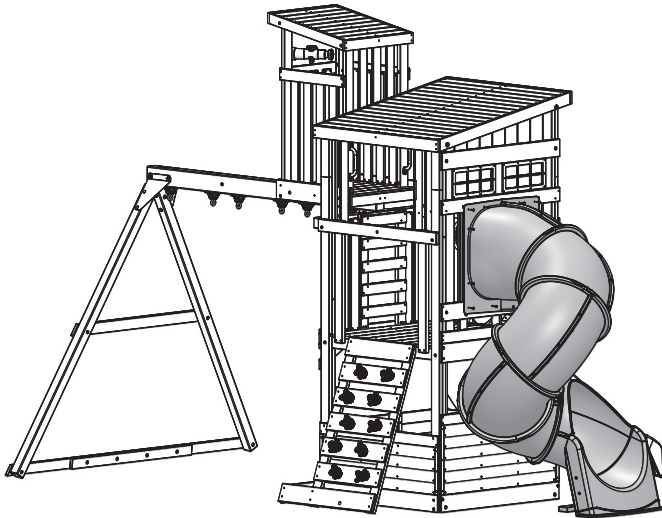


Note: Pre-drill all pilot holes using a 1/8" drill bit before installing Lag Screw.

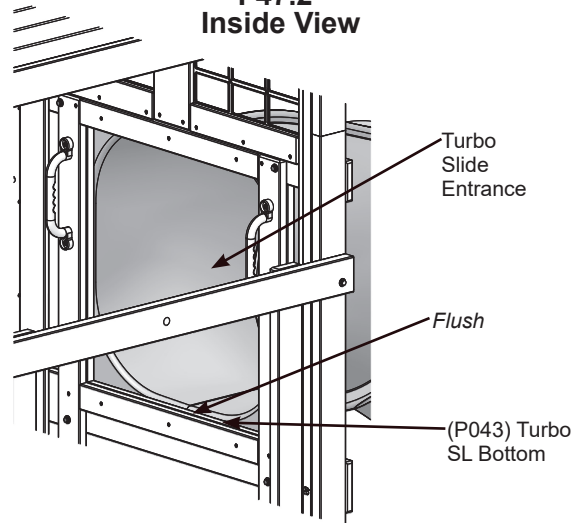
A: With a helper place Turbo Slide Entrance over the opening in Turbo Slide Wall. Ensure Turbo Slide Entrance is flush to the top of (P043) Turbo SL Bottom. Attach Slide with 12 1/4 x 1-1/4" Wafer Head Lag Screws. (F47.1, F47.2 and F47.3)

B: Attach Slide Mount Bracket on (P048) SL Support using two 1/4 x 1-1/4" Wafer Head Lag Screw. (F47.1 and F47.4)

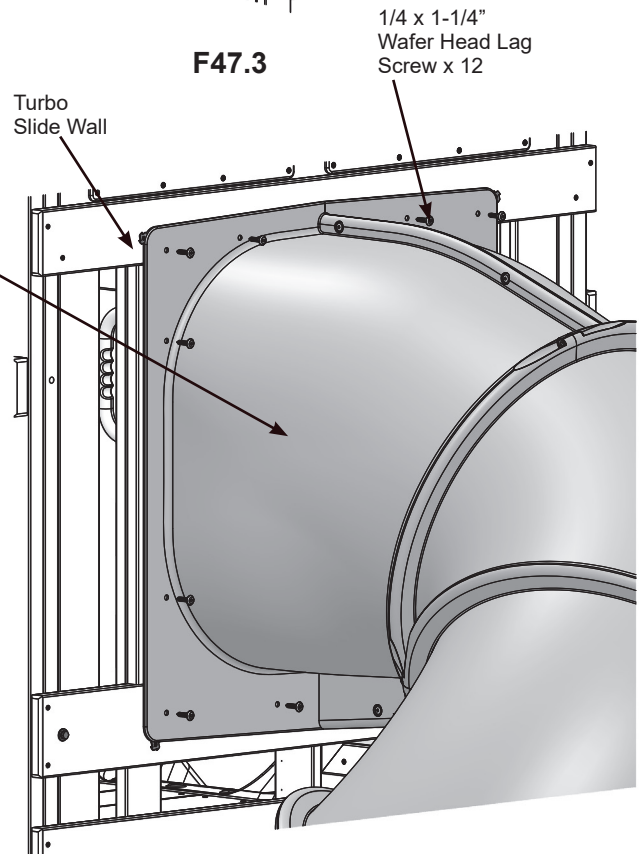
F47.1



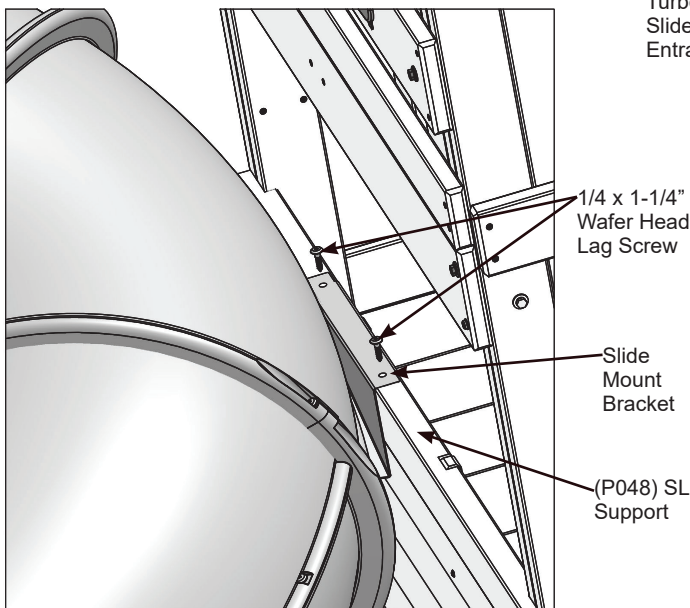
**F47.2
Inside View**



F47.3



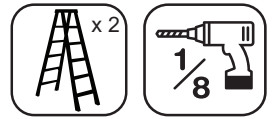
F47.4



Hardware

14 x 1/4 x 1-1/4" Wafer Head Lag Screws

Step 47: Turbo Slide Installation Part 2

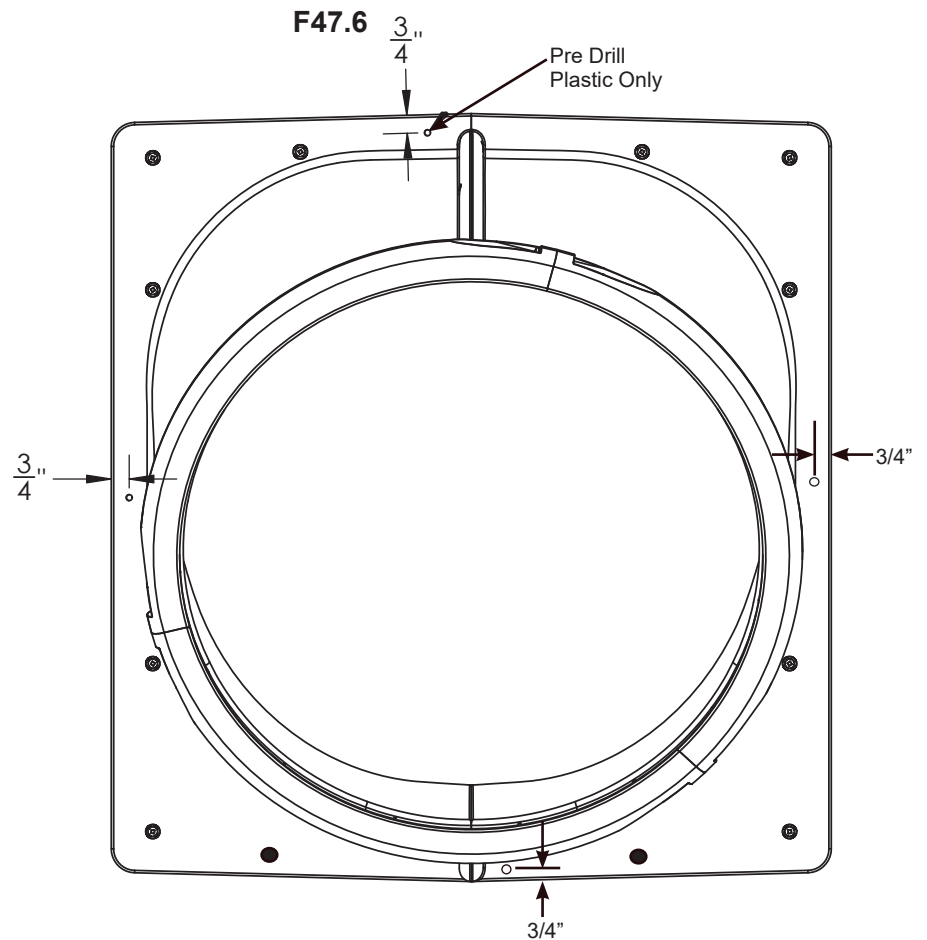
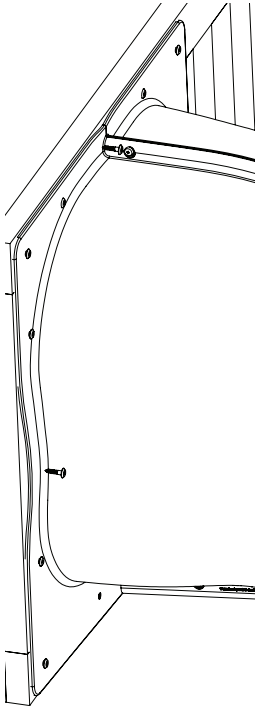


Note: Pre-drill all pilot holes using a 1/8" drill bit before installing Lag Screw.

C: Pre-drill a hole through the plastic only. Example shown at top, bottom and on sides below. (F47.5 and F47.6)

D: Install a 1/4 x 1-1/4" Wafer Head Lag screw at the hole. (F47.5 and F47.6)

F47.5



Hardware

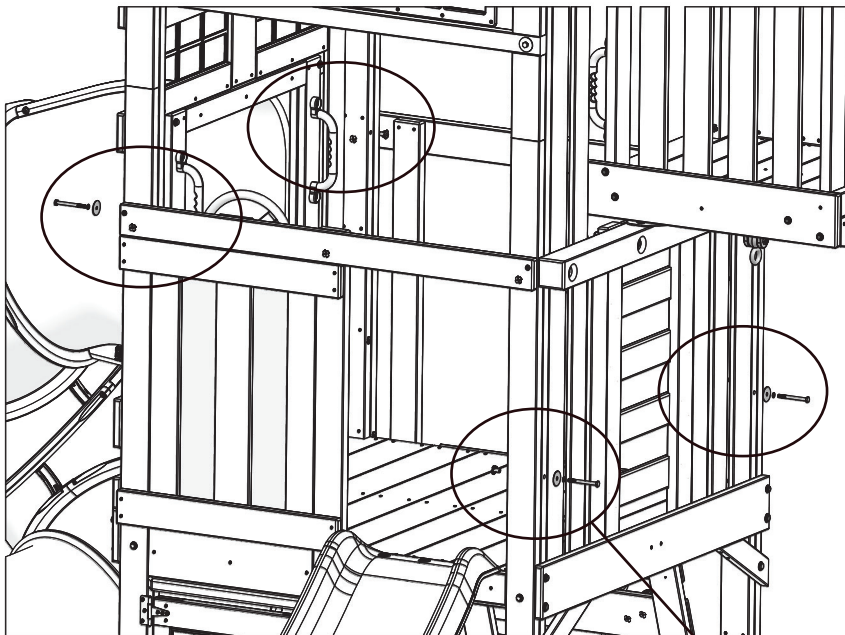
4 x 1/4 x 1-1/4" Wafer Head Lag Screws

Step 48: Check Bolts

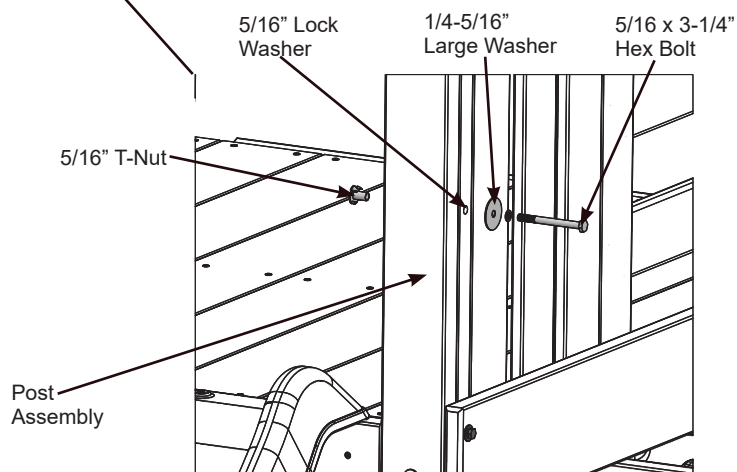


A: From outside the assembly install one 5/16 x 3-1/4" Hex Bolt (with 5/16" lock washer, 1/4-5/16" large washer and 5/16" t-nut) into all four Post Assemblies at the locations shown in F48.1 and F48.2.

F48.1



F48.2



Hardware

4 x 5/16 x 3-1/4" Hex Bolt
(with 5/16" lock washer, 1/4 - 5/16" large washer, 5/16" t-nut)

Step 49: Swing Accessories Part 1

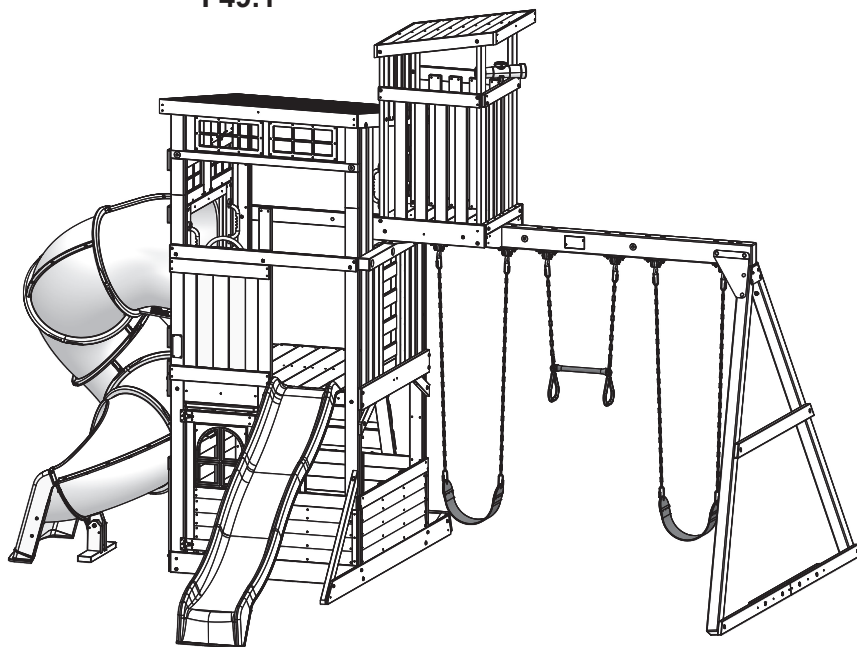


A: Using one Threaded Quick Link per Chain 50in, join one Chain 50in to each side of the Belt Swing. Make sure to close the Threaded Quick Link tightly using an adjustable wrench. (F49.1 and F49.2).

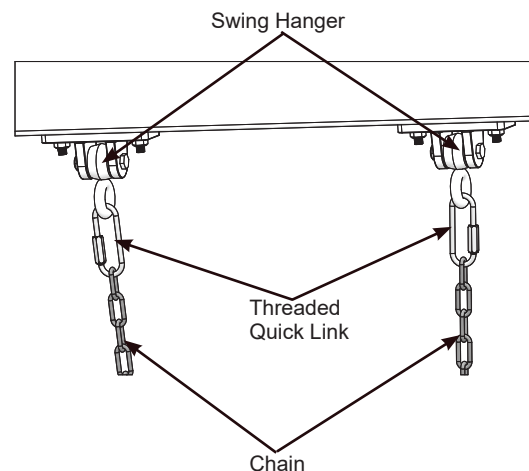
B: Using one Threaded Quick Link per Chain 19in, join the Chain 19in to the Acro Bar and Acro Handle. Make sure to close the Threaded Quick Link tightly using an adjustable wrench. (F49.1 and F49.3)

C: Attach the other end of the Chains to the Swing Hangers with Threaded Quick Links. Make sure to close the Threaded Quick Link tightly using an adjustable wrench. (F49.1 and F49.4)

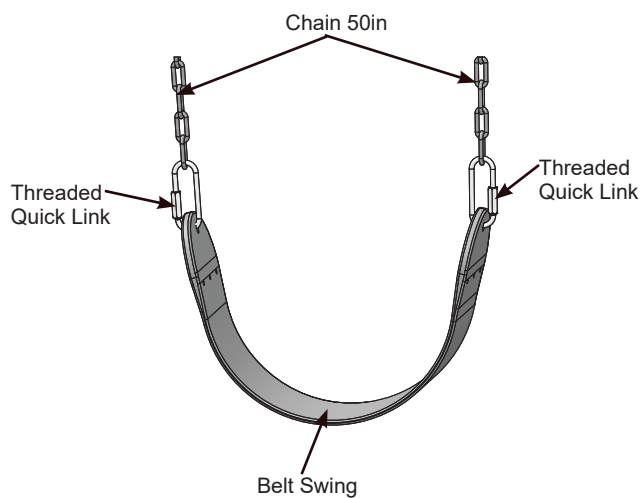
F49.1



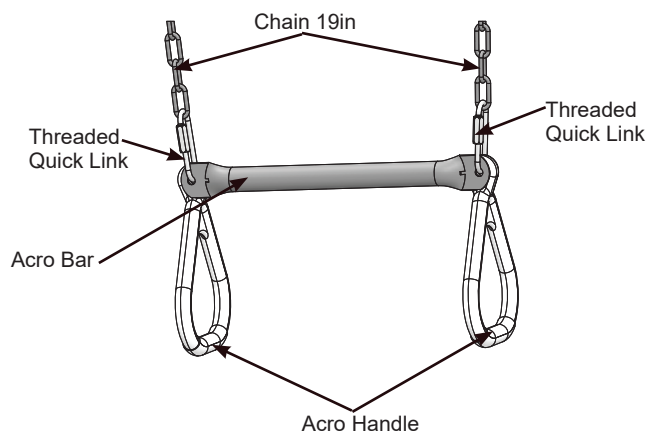
F49.4



F49.2



F49.3



Components:

4 x Chain 50in
2 x Chain 19in
2 x Belt Swing
2 x Acro Handle

1 x Acro Bar
12 x Threaded Quick Link

Step 50: Plaques Part 1

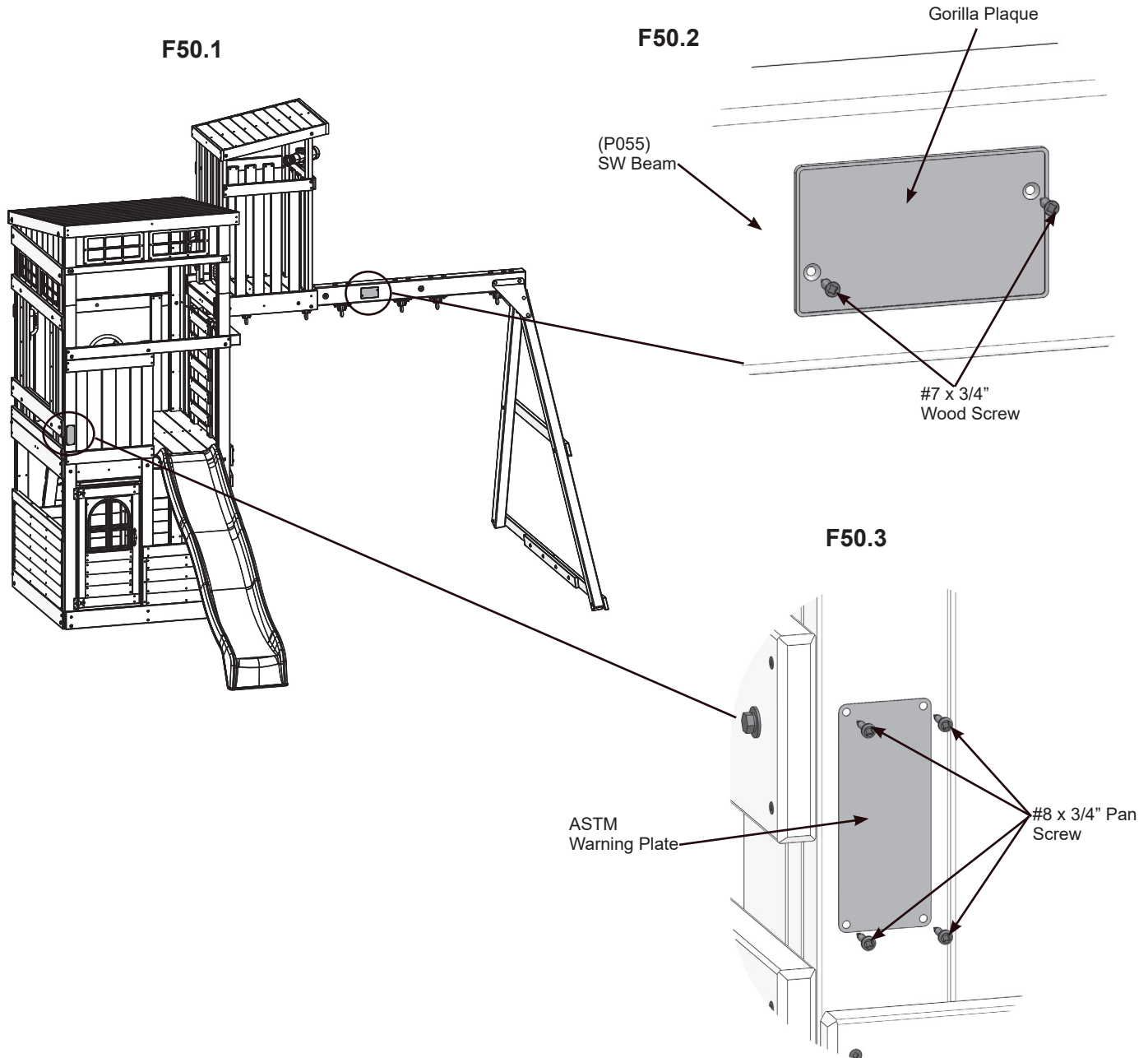


A: Center Gorilla Plaque on (P055) SW Beam and attach using two #7 x 3/4" Wood Screws (F50.1 and F50.2)

B: Attach ASTM Warning Plate of preferred language to a location that is easily seen and visible to supervising adult using four #8 x 3/4" Pan Screws. (F50.1 and F50.3)

ATTACH THESE PLAQUES TO THIS LOCATION ON YOUR PLAYSET.

This provides warnings concerning safety and important contact information.



Components:

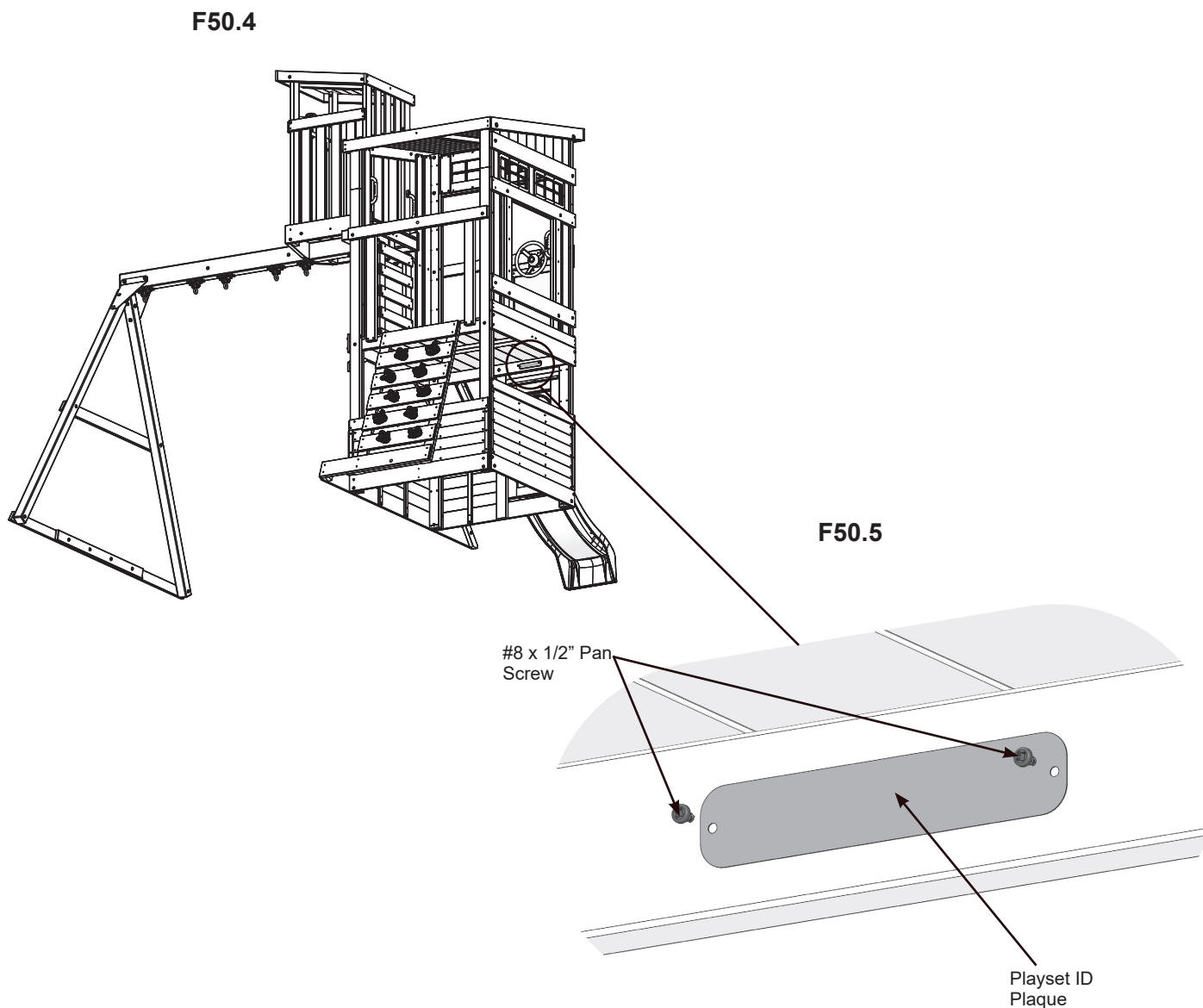
1 x Gorilla Plaque
1 x ASTM Warning Plate

Hardware

2 x #7 x 3/4" Wood Screw
4 x #8 x 3/4" Pan Screw

Step 50: Plaques Part 2

C: Attach Playset ID Plaque to a prominent location on your Playset with two #8 x 1/2" Pan Screws. This provides important contact information. A tracking number is provided to allow you to get critical information or order replacement parts for this specific model. (F50.4 and F50.5)



Components:

1 x Playset ID Plaque

Hardware

2 x #8 x 1/2" Pan Screw

[illegible]



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