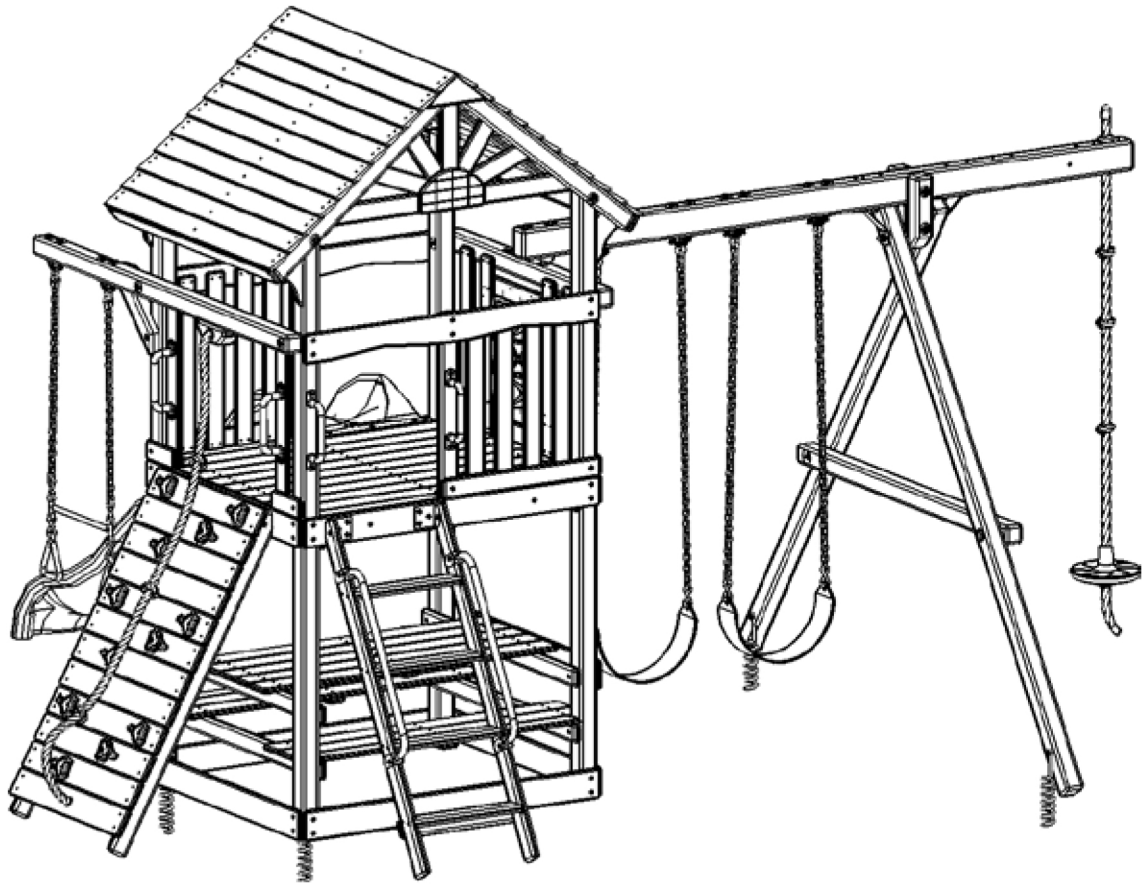




PARROT ISLAND FORT



KSI-306 Version 2020

Sections

- Section 1: Cover & Liability Info
- Section 2: Product Parts
- Section 3: Sub-Assemblies
- Section 4: Main Assembly
- Section 5: Picnic Table/ Lower Floor
- Section 6: Rail Option
- Section 7: Wood Roof
- Section 8: Treehouse Panel Install
- Section 8: Playhouse Panel Option



4465 West Sam Houston Parkway N.
Houston, Texas 77041
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IMPORTANT - PLEASE READ

As fresh lumber acclimates to its new environment, the natural tendencies of the tree can show itself 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.

Cosmetic defects that do not affect the structural integrity of the product, or natural defects of wood such as warping, checking or any other physical properties of wood that do not present a safety hazard, are not covered by this warranty.

Defects that develop because the product is exposed to extreme climate conditions are not covered by this warranty. Defects that develop as a result of faulty or improper installation of the product are also not covered by this warranty.

Most cracks are not warrantable, however if you believe that the integrity of your play set is compromised by this natural occurrence, please contact the Tree Frogs Swing Set Dealer that you purchased your swing set from.

We appreciate your purchase and know that you will enjoy your play system for many years to come.

Tools Needed for Assembly

Tape Measure	24" Level	Angle Square
Phillips Screw Driver	3/8" Cordless Drill or Electric Drill	3/8" Drive Ratchet or Electric Impact Gun
Claw Hammer or Rubber Mallet	Pliers or Vise Grips	7/16" Deep Well Socket
9/16" Deep Well Socket	3/4" Deep Well Socket	1/8", 1/4", and 9/16" Drill Bits
Phillips Head Screw Bits	An Adult with two Adult Helpers	

Please familiarize yourself with the install manual, parts/components and general construction process of your new swing set before getting started. Approximate assembly time: 6 to 8 hours. 6 foot unobstructed safety perimeter around swingset recommended.

Pre-Assembly Hints

- Depending on your experience, assembly of our play sets 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 more clearly 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 6ft from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
- All 1/4" and 3/8" lag bolts must have pre-drilled holes 1-1/2" to 2" deep. Use a 1/8" drill bit for the 1/4" lag bolts and 1/4" drill bit for 3/8" lag bolts. Use pre-drilled holes in facias as a reference for placing lag bolt pilot holes.
- If a board lifts or rises causing a gap between boards when running in lag bolts or screws, back out the screw or lag bolt and press or apply pressure (but not enough to crack or break board) while re-running in the lag bolt or screw in the same hole.
- Do not over tighten bolts, lag bolts or screws. You can damage boards, break hardware, and/or strip out the hardware.
- When using hammer do not beat on the hardware, but gently tap it in. Never beat on the wood as it will leave marks.

Leveling Your Swing Set 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, ladder, 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. ****

Choosing A Location For Your Playset

When choosing a location for your swing set, always keep your child or children's safety in mind. Here are some recommendations to help you locate and install a safe play area.

- This play set is designed for the use of 4 occupants who have a combined weight not exceeding 800 pounds on the elevated floor; 3 occupants who have a combined weight of 525 pounds on the swing area; for a total Unit capacity of 5 occupants who have a combined weight of 1325. (this weight is not including the picnic table area)
- On-site adult supervision is required.
- The swing set should be located on level ground. The stationary components such as ladders and slides are required to be a minimum of six feet from any structure or obstruction such as a fence, garage, house, tree, overhanging branches, electrical wires, clotheslines, etc. Any swinging equipment is also required to be a minimum distance twice the height of the swing beam away from these obstructions or structures as well. The swing set should be located a safe distance from any water hazards, such as a lake, river, bayou, swimming pool, etc.
- Do not install this residential swing set in a commercial setting. This swing set is not manufactured for commercial usage and will void all warranties. Tree Frogs Wooden Swing Set Factory is not responsible for any damages or injuries resulting from this swing set being used in a commercial setting.
- Never install this swing set indoors; or over concrete, asphalt, packed earth, grass, carpet or any other hard surface. A fall onto a hard surface can result in serious or fatal injury.
- The U.S. Consumer Product Safety Commission (CPSC) recommends that you install and maintain a resilient surface under your swing set. The CPSC's Consumer Information Sheet for Playground Surfacing Materials is on the next page. A resilient surface, should be installed after the swing set has been completely assembled according to these instructions. The swing set must rest on solid ground. Please note that this swing set has a maximum fall height of 7'.

Maintaining Your Swing Set

Here are some maintenance tips required to insure safe play on your swing set for years of fun.

- At the beginning of each usage season and every two weeks during, check: nuts and bolts and tighten as needed, swing seats, chains, ladders, slides, rope and wood components for sign of deterioration and replace if necessary.
- On a yearly basis, we recommend that you coat your swing set with a sealant or preservative. You may also want to spot sand any areas prior to sealing.

**** Special note: Although we recommend that you reseal your swing set annually, you may have to touch up the high traffic areas and/or areas that have a high exposure to direct sunlight.****

- Be sure that the sealant you select is non-toxic and child safe. Your local Tree Frogs Wooden Swing Set Factory dealer may offer a complete power wash and reseal and maintenance program.
- Do not use line trimmers or "weed eaters" around your swing set. The line will remove both paint and wood from uprights and base pieces. Any damage resulting from this type of abuse is not covered under our limited warranty.
- Remove plastic swing seats and take indoors or do not use when temperature drops below 0°F.

Please keep this install manual for future reference.

To insure SAFE PLAY adults must teach children:

- Not to walk close to, in front of, behind, or between moving items.
- Not to swing empty swing seats.
- Not to swing sideways into the path of adjacent swings.
- Not to use the swing set in a manner other than that for which it is intended.
- Not to get off the equipment while it is in motion.
- Not to jump off the tower.
- Not to stand in the swing seats.
- Not to swing so high that chains become slack, or above the height of the swing support.
- Not to jump on a slide.
- Not to climb on top of the swing support.
- Not to attach to the swing set any item that is not specifically designed for use with the equipment, such as (but not limited to) jump ropes, clotheslines, pet leashes, cables, and chains. These may become strangulation hazards.
- To hold on to swings and climbers with both hands.
- To slide feet first, never head first.
- To watch for other children while swinging or playing near the swing set.

To also insure SAFE PLAY adults must:

- Limit climbing and swinging heights to each child's ability.
- Verify that suspended climbing ropes are secured at both ends.
- Verify that suspended climbing ropes cannot be looped back on themselves.
- Dress children appropriately for play. Use well-fitted shoes that do not have slippery soles.
- Avoid ponchos, scarves, hoods, loose fitting clothing, neckties, and any clothing with a drawstring. Serious injury could result should any part of the children's clothing become entangled in the swing set.
- Do not allow children to play wearing helmets.
- Remember that children are inventive. When they develop games that are unsafe, be alert and change the rules.

Weight limits for Treefrogs Swingsets

Fort Platform: 800 Lbs.Total Weight.

Swing Belts: 175 Lbs.

Trapeze: 125 Lbs.

Full Bucket Swing: 50 Lbs.

Toddler Bucket Swing: 50 Lbs.

Tire Swing: 125 Lbs. Total Weight

Rope Ladder: 75 Lbs.

Rock Wall: 150 Lbs.

All Slides: 125 Lbs.

Tree Frogs recommends that the weight limits for all components must not be exceeded. Failure to adhere to these and other safety guidelines could result in damage to the swing set. and/or injury to the users.

CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS

The U.S. Consumer Product Safety Commission (CPSC) estimates that about 100,000 playground equipment related injuries resulting from falls to the ground surface are treated annually in U.S. hospital emergency rooms. Injuries involving this hazard pattern tend to be among the most serious of all playground injuries, and have the potential to be fatal, particularly when the injury is to the head. The surface under and around playground equipment can be a major factor in determining the injury-causing potential of a fall. It is self-evident that a fall onto a shock-absorbing surface is less likely to cause a serious injury than a fall onto a hard surface. However, it should be recognized that some injuries from falls will occur no matter what playground surfacing material is used.

Playground equipment should never be placed on hard surfaces such as concrete or asphalt. Grass may appear to be acceptable, but can turn to hard packed earth in areas of high traffic. Shredded bark mulch, wood chips, or fine gravel are considered to be acceptable shock absorbing surfaces when installed and maintained at a sufficient depth under and around play equipment.

TABLE 1 -CRITICAL HEIGHTS (in feet) OF TESTED MATERIAL

MATERIAL	UNCOMPRESSED DEPTH			COMPRESSED DEPTH
	6 Inch	9 Inch	12 Inch	
Wood Chips	7	10	11	10
Double Shredded Bark Mulch	6	10	11	7
Engineered Wood Fibers	6	7	>12	6
Fine Sand	5	5	9	5
Coarse Sand	5	5	6	4
Fine Gravel	6	7	10	6
Medium Gravel	5	5	6	5
Shredded Tires**	10-12	N/A	N/A	N/A

** This is data from tests conducted by independent testing laboratories on a 6 inch depth of uncompressed shredded tire samples produced by four manufacturers. The test 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.

Table 1 should be read as follows: If, for example, uncompressed wood chips are used at a minimum of 6 inches, the Critical Height is 7 feet. If 9 inches of uncompressed wood chips are used, the Critical Height is 10 feet. It should be noted that, for some materials, the Critical Height decreases when the material is compressed. It is recommended that a shock absorbing material should extend a minimum of 6 feet in all directions from the perimeter of stationary equipment such as climbers and slides. However, because children may deliberately jump from a moving swing, the shock absorbing material should extend in the front and rear of a swing a minimum distance of 2 times the height of the pivot point measured from a point directly beneath the pivot on the supporting structure.

This information is intended to assist in comparing the relative shock-absorbing properties of various materials. No particular material is recommended over another. However, each material is only effective when properly maintained. Materials should be checked periodically and replenished to maintain correct depth as determined necessary for your equipment. The choice of a material depends on the type and height of the playground equipment, the availability in your area, and its cost.

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:

Office of Public Affairs
U.S. Consumer Product Safety Commission
Washington, D.C. 20207

Toll-free Hotline: 1-800-638-2772 or at <http://www.cpsc.gov>

2018 TREE FROGS Limited Lifetime Warranty

Limited 10-Year Warranty, Limited 5-Year Warranty

Tree Frogs Warranties all Jaguar Playcenter Series, Bengal Forts Series, MegaDeck Fort Series Redwood components and Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for the period of 10 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product. The Redwood and Cedar components warranty is extended to a Limited Lifetime Warranty to the original owner upon registering this warranty within 90 days of purchase at www.treefrogsswingsets.com.

Tree Frogs Warranties all Parrot Island Fort Series, Parrot Island Playcenter Series, Rainforest Cottage Series Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for a period of 10 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product.

Tree Frogs Warranties all Toucan Fort Series, Toucan Playcenter Series, Orangutan Fort Series, Stand Alone Swings Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for a period of 5 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product.

In addition, a 10-Year Limited Warranty applies to all roto-molded slides, ductile iron swing hangers, tire swivels, metal climbing rungs and swing beam brackets against failure due to rust or failure in defect in material. Surface rust, fading, weathering, cracks/chips in coatings and corrosion that do not affect structural integrity are not covered by this warranty. Furthermore, a 5-Year Limited Warranty applies to all components & accessories including all swings, chain ladders, gliders, handles, brackets, bubble panels, tarps, steering/ships wheels, telescopes, binoculars, buoy ball, blow molded slides and disc seat that are not covered under the 10-Year Warranty to be free from defects in material and workmanship. Surface rust, fading, weathering, cracks/chips in coatings and corrosion that do not affect structural integrity are not covered by this warranty.

And for a period of 1-Year Tree Frogs warranties all ropes, structural foam molded slides to be free of defects in material and workmanship. Fading is not considered a defect and may occur with seasonal and geographical conditions.

****10-Year Warranty Exclusion:** Toucan Fort Series, Toucan Playcenter Series, Orangutan Series, Stand Alone Swings (Limite 5Yr/5Yr/1Yr WARRANTY).

This warranty is limited to a repair or replacement of the defective part. Product covered under this warranty will be shipped at the customer's expense. Tree Frogs is not responsible for any expense associated with freight, or delivery and installation of the warranted part(s). Tree Frogs reserves the right to inspect all warranty claim parts for which a claim has been made.

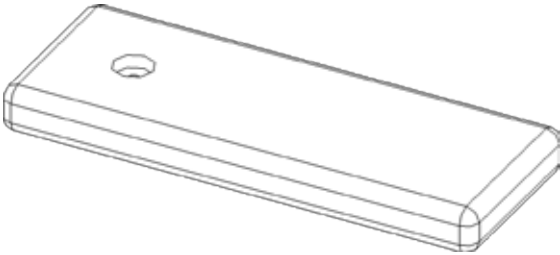
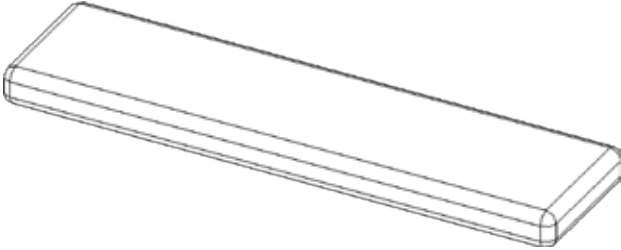
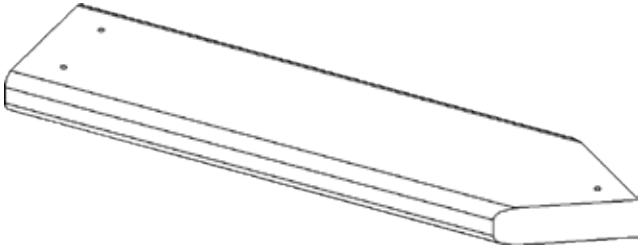
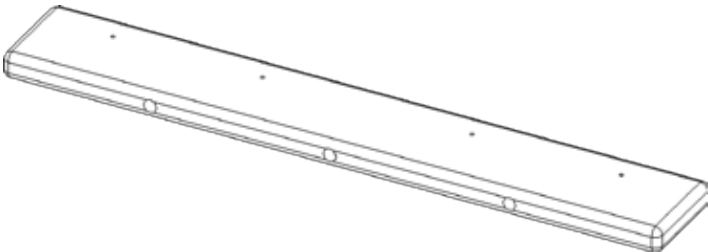
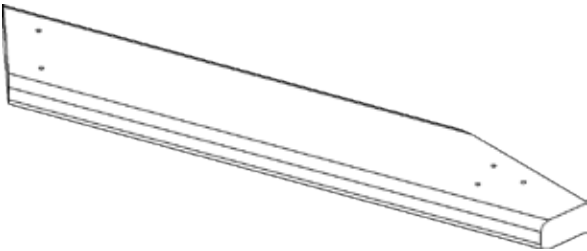
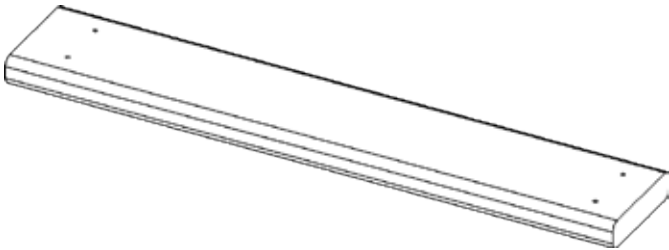
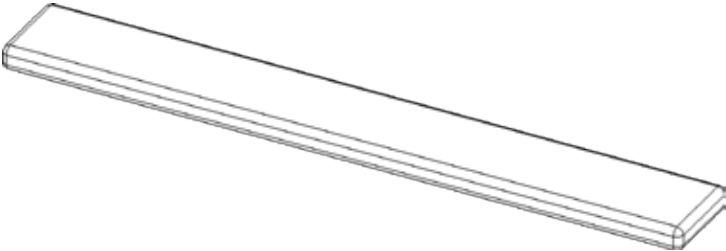
This limited warranty applies only to the original retail purchaser and for residential use only, non-residential use voids warranty. These warranties void when product is transferred or sold or no longer in possession by original owner. A copy of the original invoice must be presented to initiate warranty claim. This limited warranty does not cover damage from abuse, acts of God, vandalism, maintenance guideline neglect, alterations, normal wear & tear, use other than residential, unauthorized modification, damage due to moving of product or improper installation and or use. Any modification could damage the structural integrity of the play system and voids all warranties.

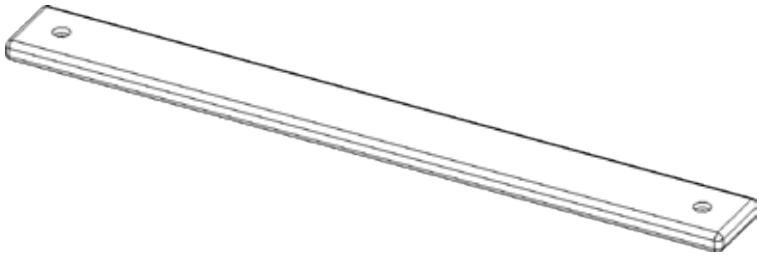
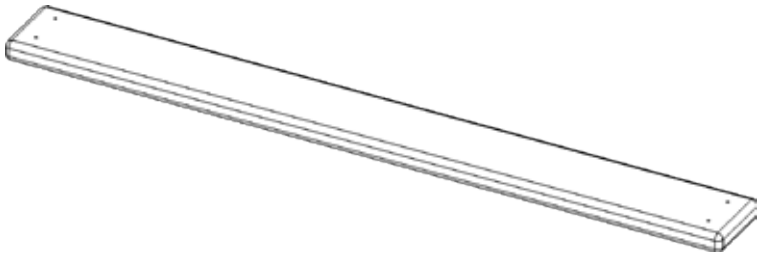
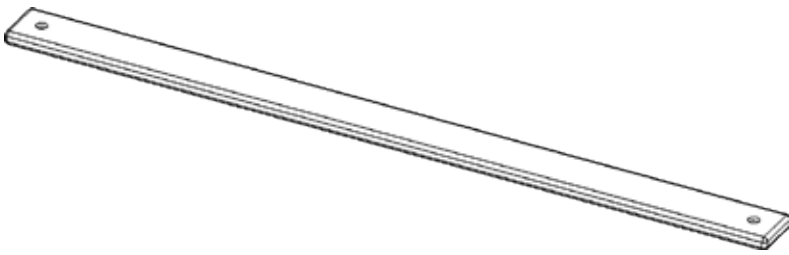
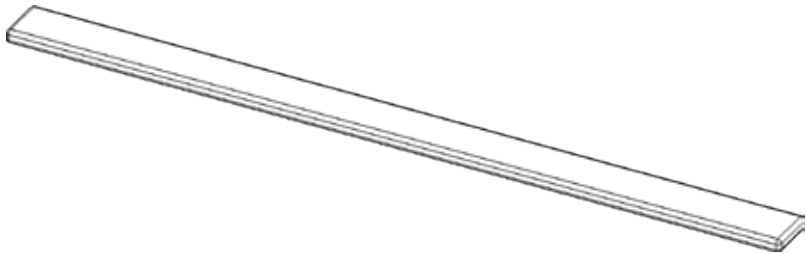
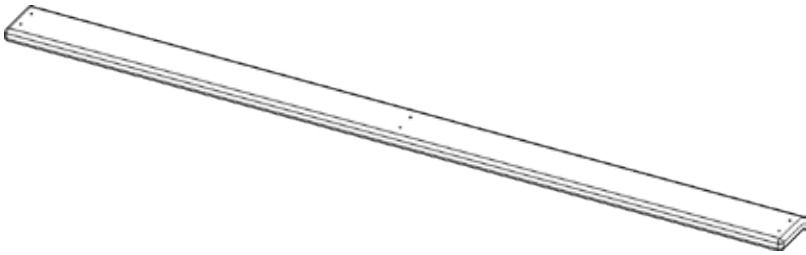
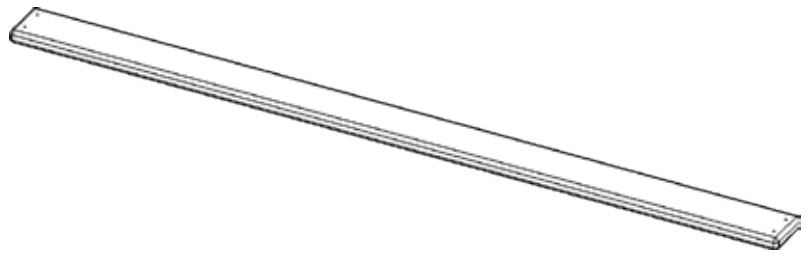
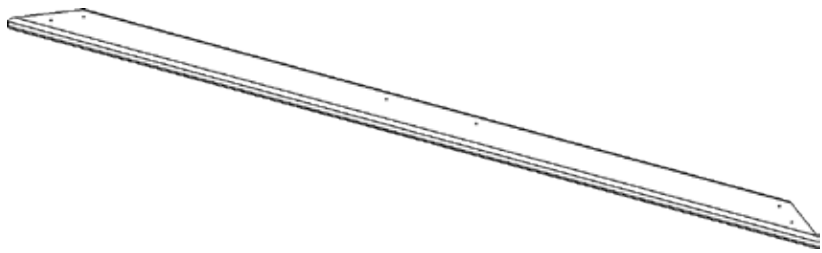
This warranty is exclusive and expressly in lieu of all other warranties, expressed or implied, including warranties of merchantability or fitness for use. Tree Frogs does not assume, or authorize any person to assume for us, any other liability in connection with the sale of our products.

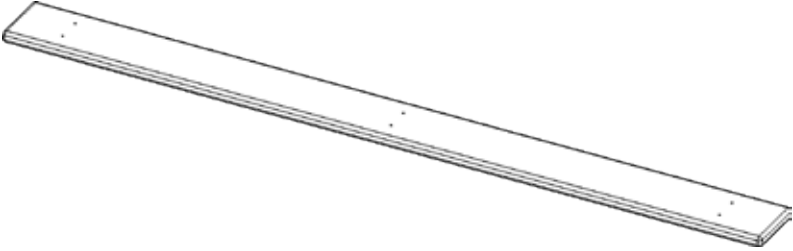
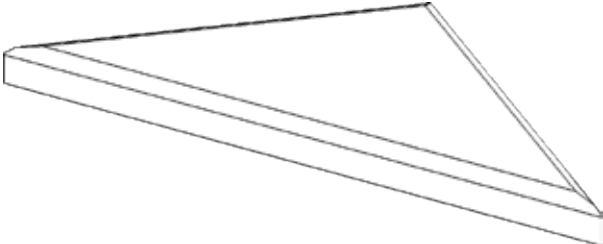
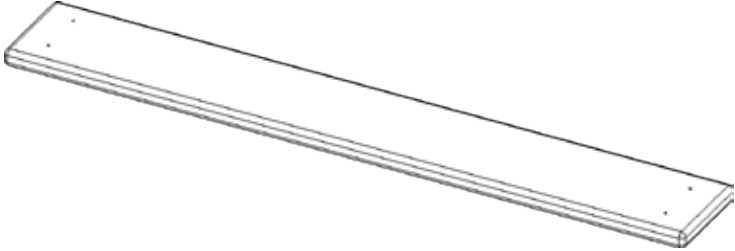
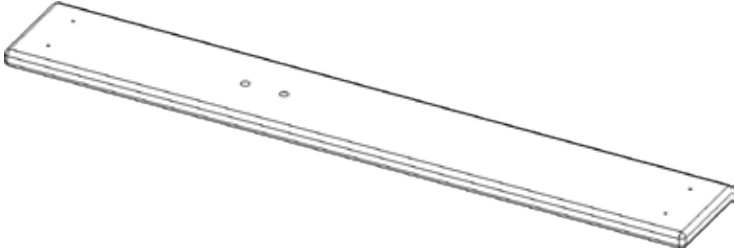
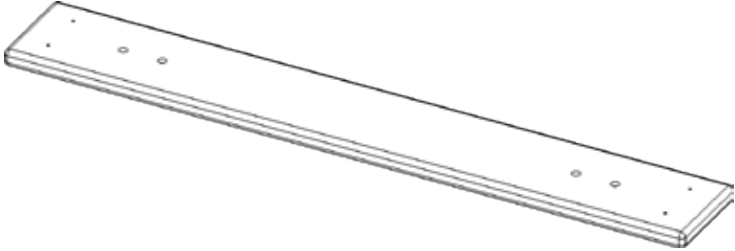
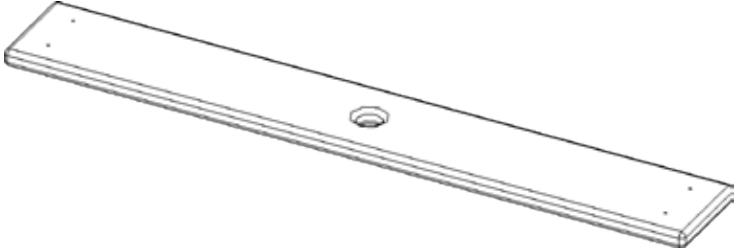
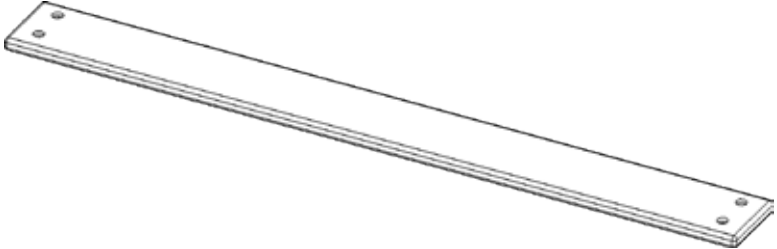
This warranty gives you specific legal rights, and you also may have other rights that vary from state to state. Register your play system's warranty at www.treefrogsswingsets.com.

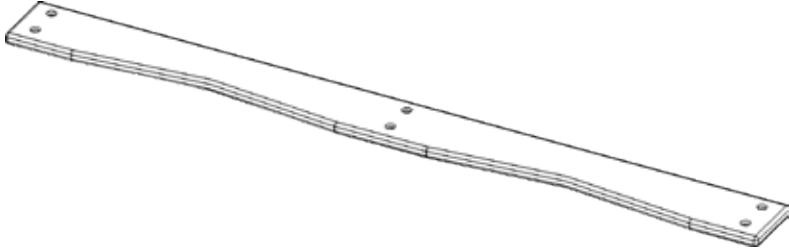
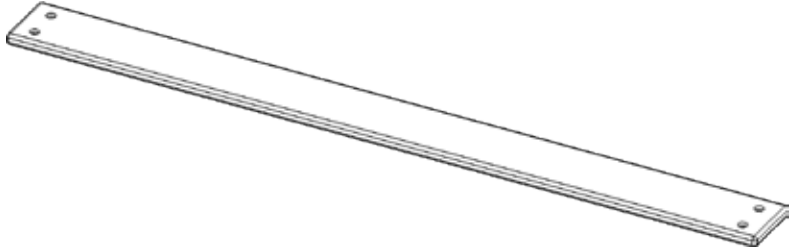
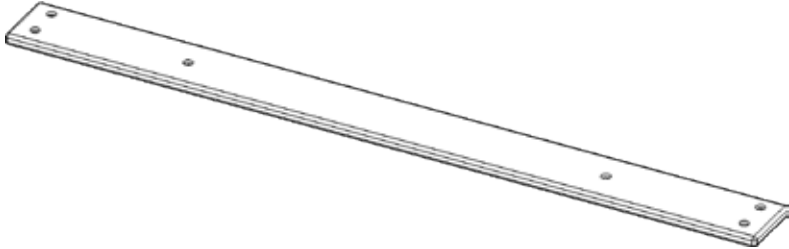
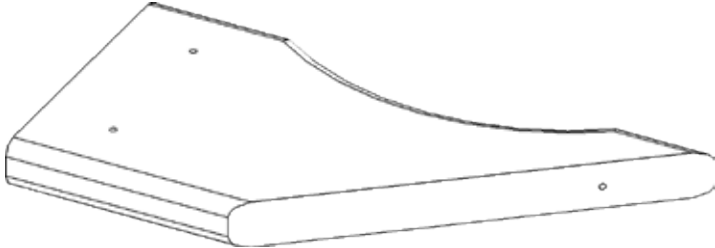
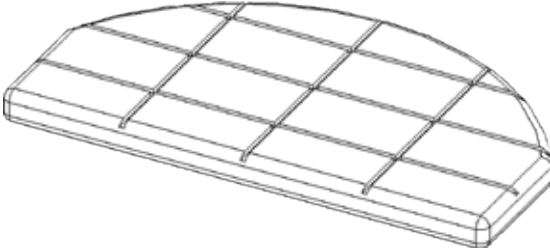
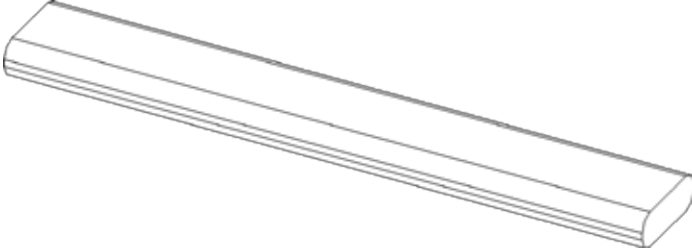
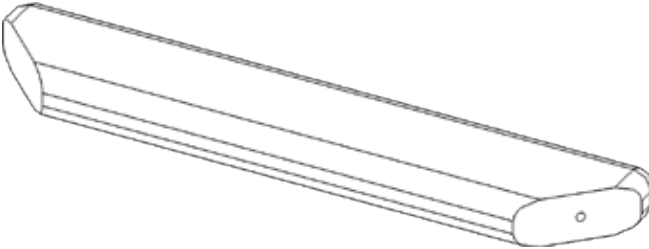
Tree Frogs reserves the right at any time to change product specifications or substitute similar components.

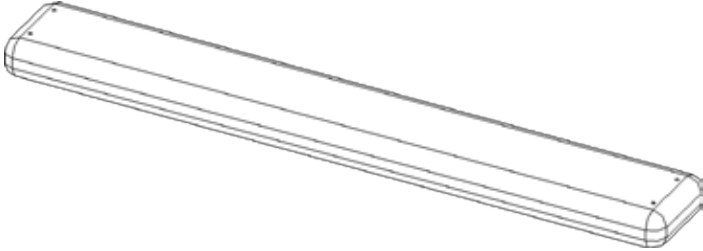
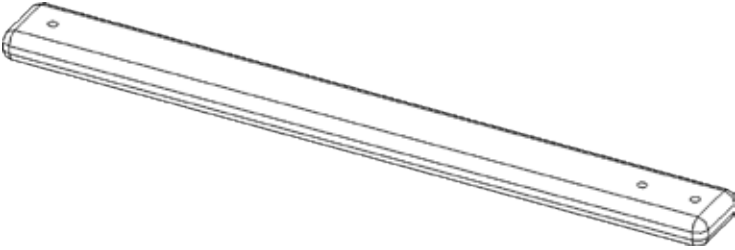
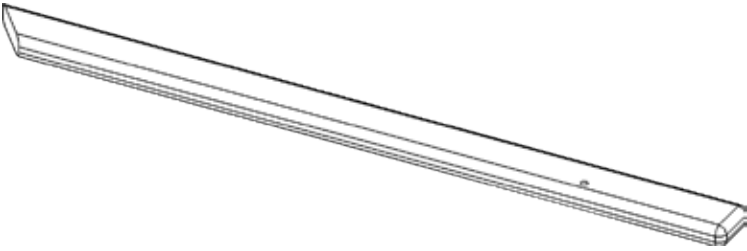
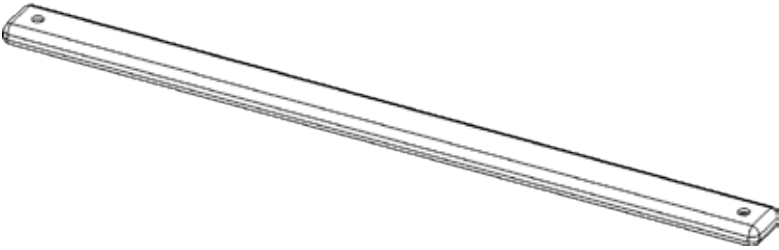
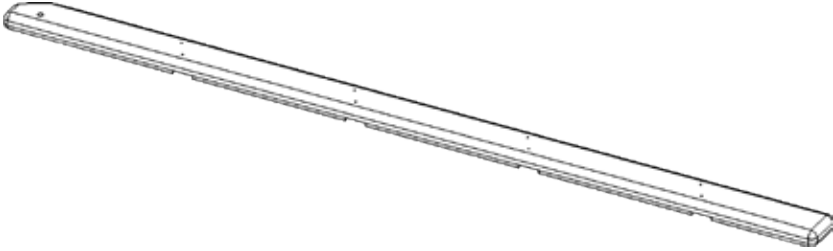
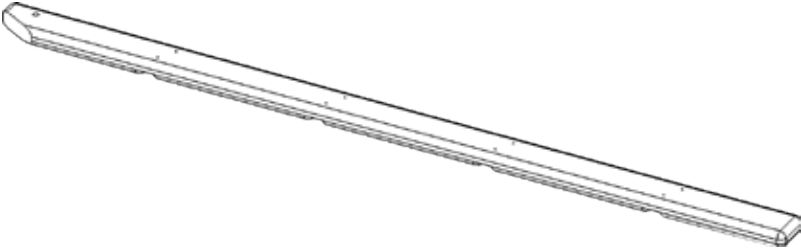
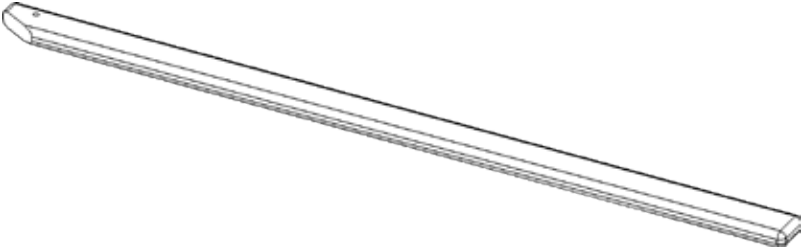
See your instruction manual for guidelines on regular maintenance. <http://treefrogsshowrooms.com/installation-manuals/>. Your child's play system & perimeter play zone should be inspected regularly for any wear & safety hazards.

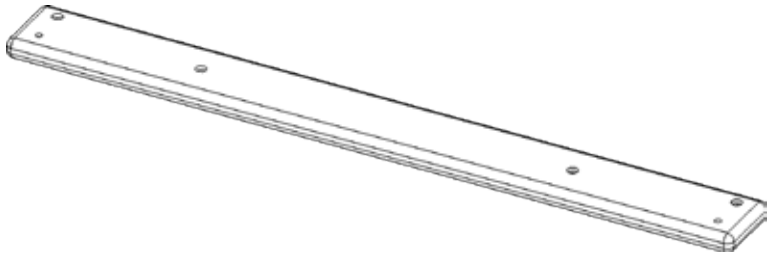
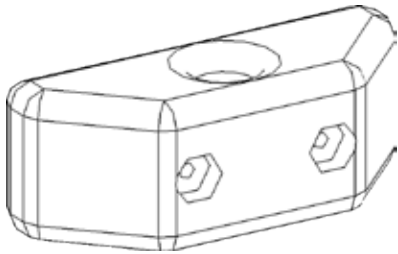
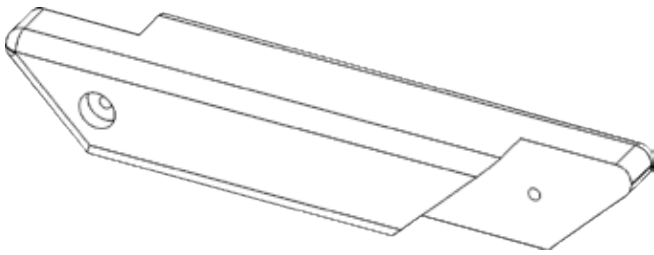
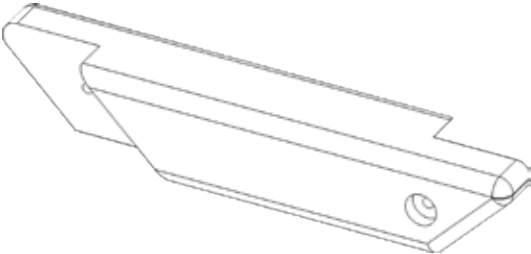
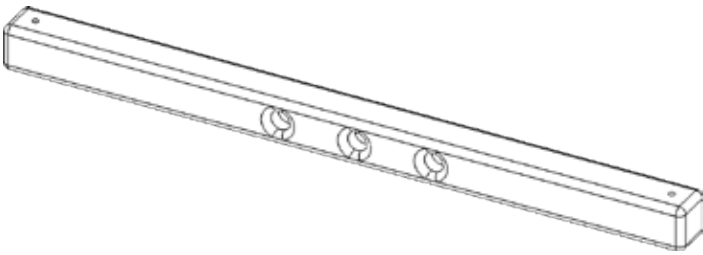
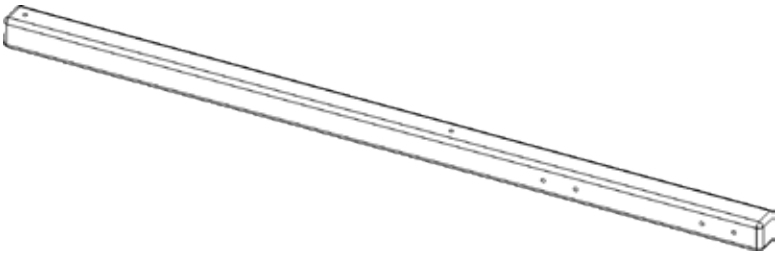
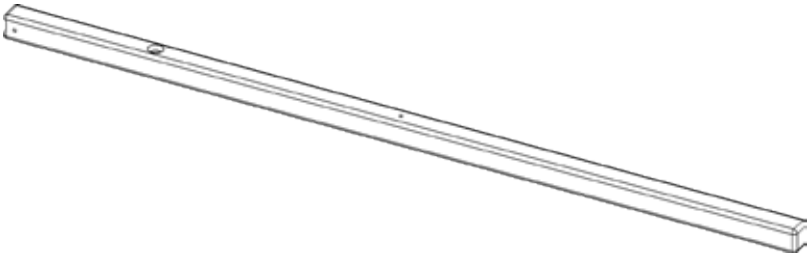
KSI-306 5.0 Parrot Island Fort Lumber	Description	QTY.
	(CC-007) 306-1 9" Small Corner Facia	2
	(CC-010) 306-2 13" Picnic Seat Support	2
	(Green) (CC-250) 306-3 13 1/2" Fan Board #2	4
	(CC-017) 306-4 22" Tic Tac Toe Board	2
	(Green) (CC-251) 306-5 18" Fan Board #1	4
	(Green) (CC-252) 306-6 19" Center Fan Board	2
	(CC-020) 306-7 25" Picnic Table Support	1

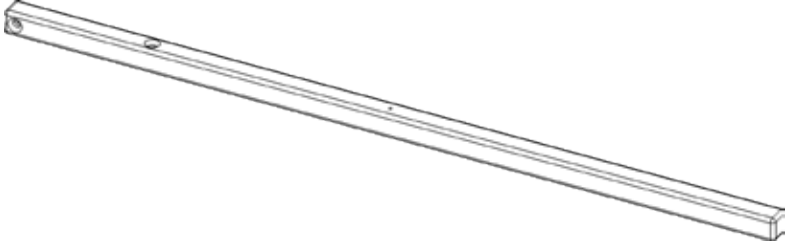
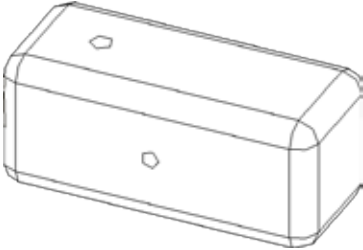
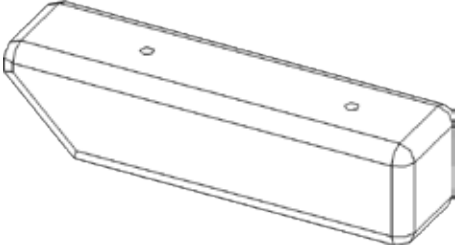
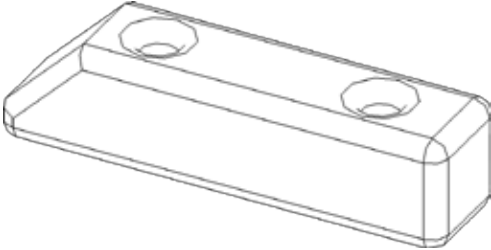
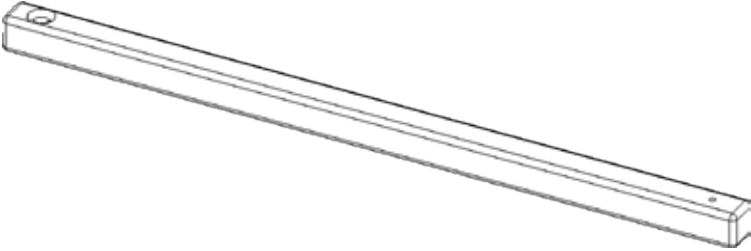
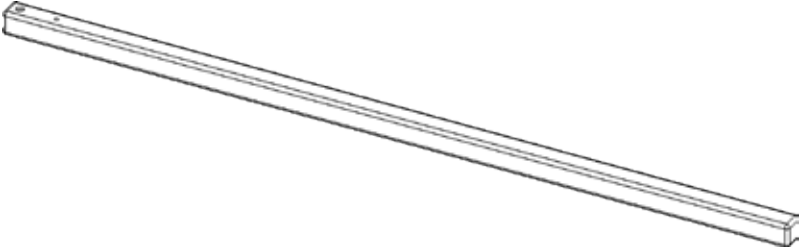
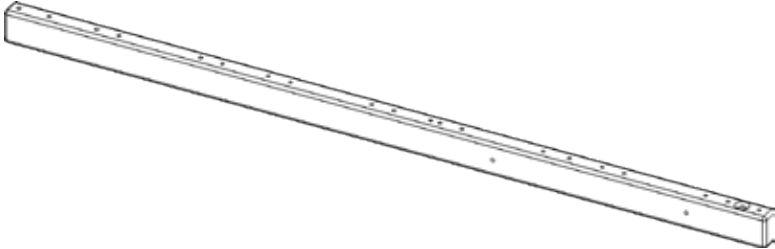
KSI-306 5.0 Parrot Island Fort Lumber	Description	QTY.
	(CC-024) 306-8 31 13/16" Corner Facia	2
	(CC-026) 306-9 32" Spindle	14
	(CC-253) 306-10 51 1/8" SB Rail Facia	1
	(CC-034) 306-11 51 1/8" Deck Support	1
	(CC-035) 306-12 53 1/2" End Deck Board	4
	(CC-254) 306-13 53 7/8" Wood Roof End Cap	2
	(Green) (CC-255) 306-14 58 1/2" Bottom Fan Board	2

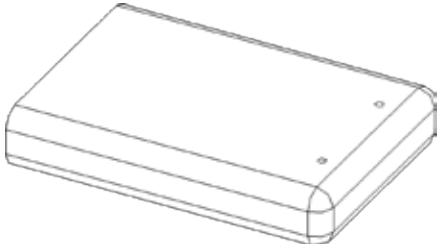
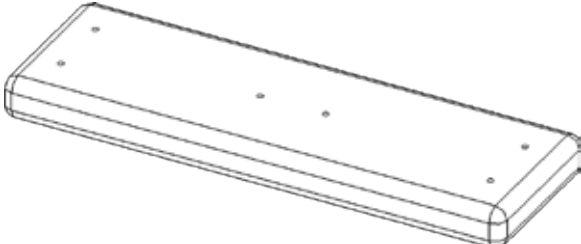

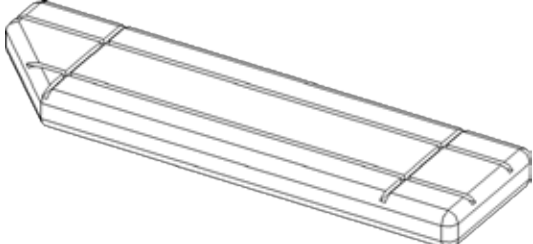
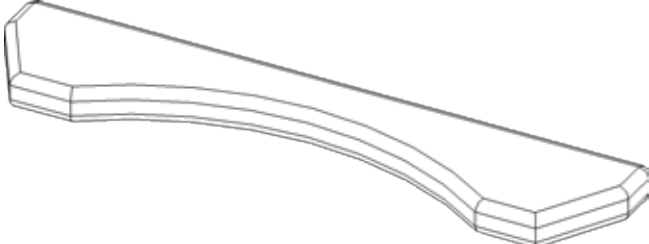
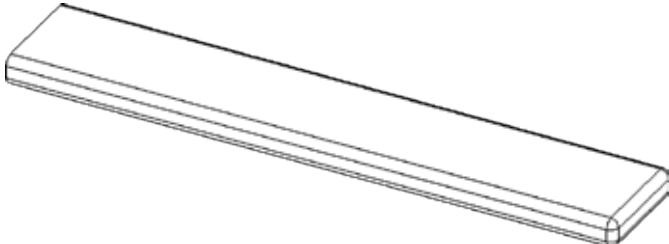
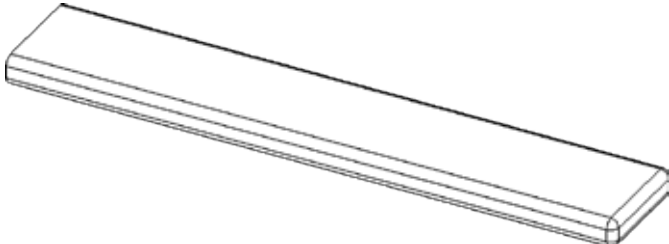
KSI-306 5.0 Parrot Island Fort Lumber	Description	QTY.
	(CC-045) 306-15 60 1/4" Deck & Picnic Board	18
	(CC-256) 306-16 12 3/4" Peak Facia	2
	(CC-063) 306-17 36" Blank Rockwall Board	2
	(CC-066) 306-18 36" 1- Rock Rockwall Board	6
	(CC-065) 306-19 36" 2- Rock Rockwall Board	3
	(CC-064) 306-20 36" Rockwall Board w/ Rope Hole	1
	(CC-082) 306-21 51 1/8" 4- Hole Facia	5

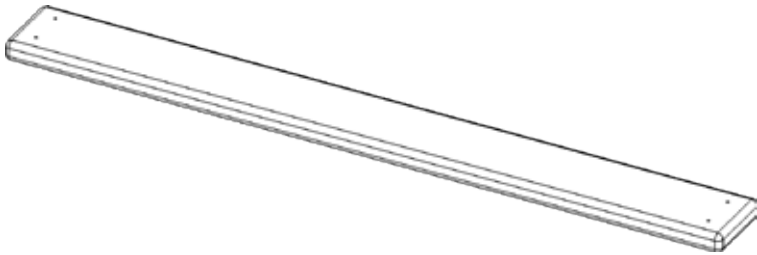
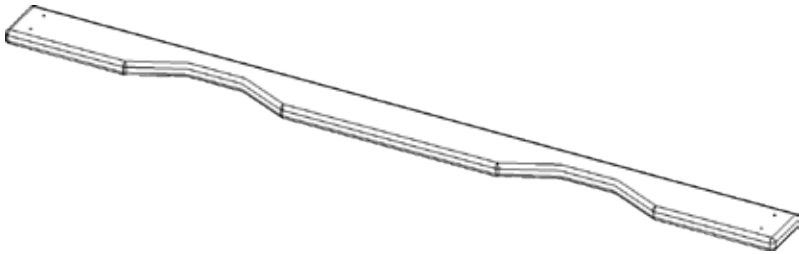
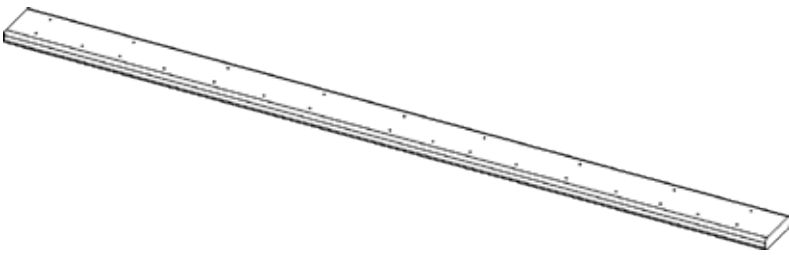
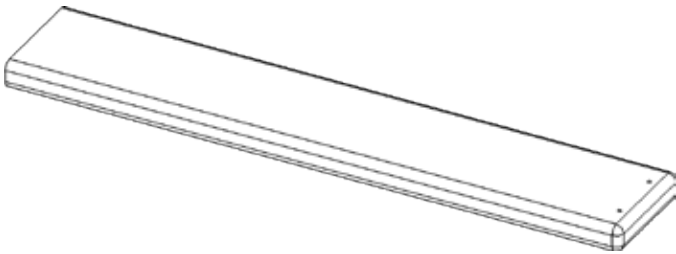
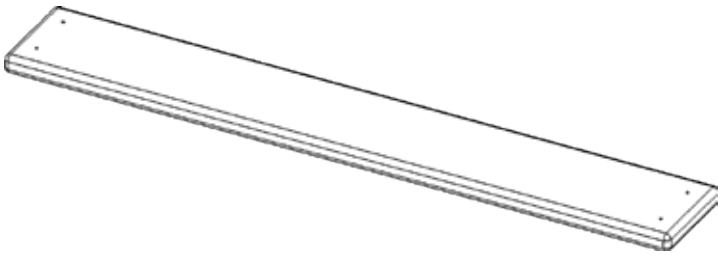
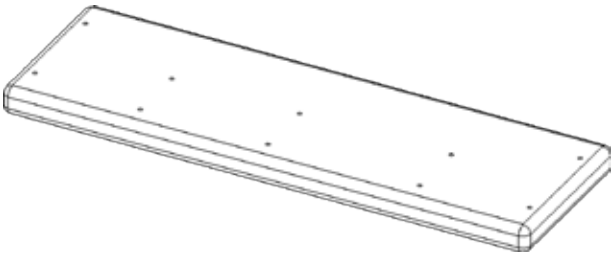
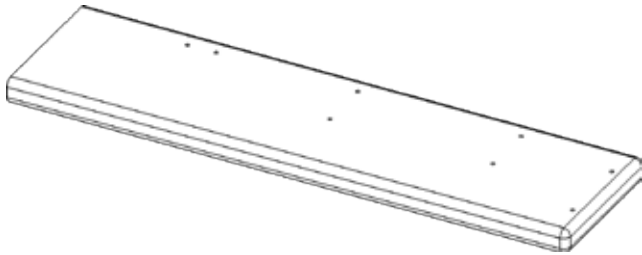
KSI-306 5.0 Parrot Island Fort Lumber	Description	QTY.
	(CC-080) 306-22 60 1/4" 6- Hole Arch Facia	2
	(CC-083) 306-23 60 1/4" 4- Hole Facia	2
	(CC-081) 306-24 60 1/4" 6- Hole Deck Facia	2
	(CC-257) 306-25 10 5/8" WR Support Gusset	4
	(CC-258) 306-26 13" Wood Roof Plate	2
	(CC-120) 306-27 22" Ladder Step	4
	(CC-094) 306-28 18" Gusset	8

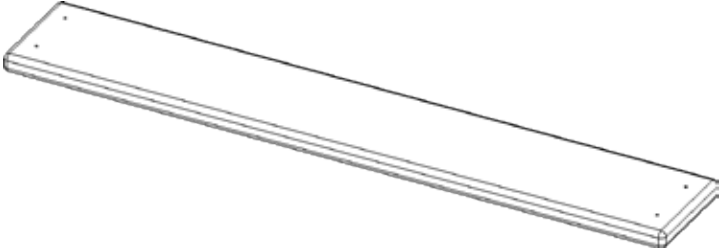
KSI-306 5.0 Parrot Island Fort Lumber	Description	QTY.
	(CC-096) 306-29 23 3/4" Ladder Facia	1
	(CC-259) 306-30 33 5/16" Center Post	2
	(CC-260) 306-31 48 1/16" Wood Roof Support	4
	(CC-111) 306-32 51 1/8" Picnic Main Beam	4
	306-33 65 3/4" Right Ladder Leg	1
	306-34 65 3/4" Left Ladder Leg	1
	306-35 65 3/4" Rockwall Ladder Leg	2

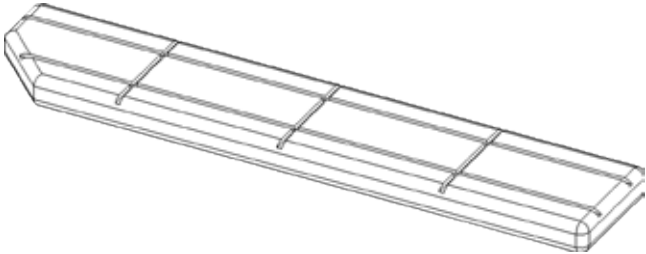
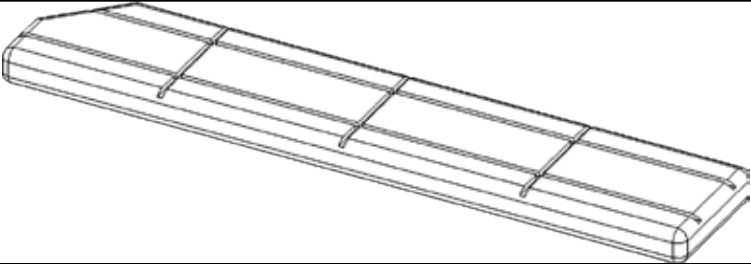
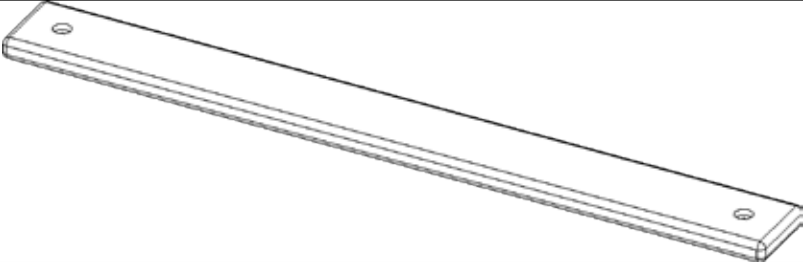
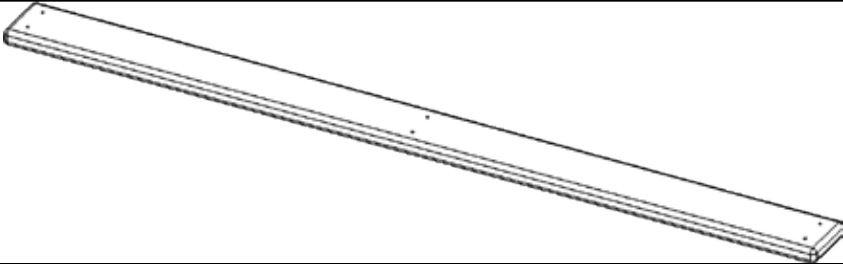
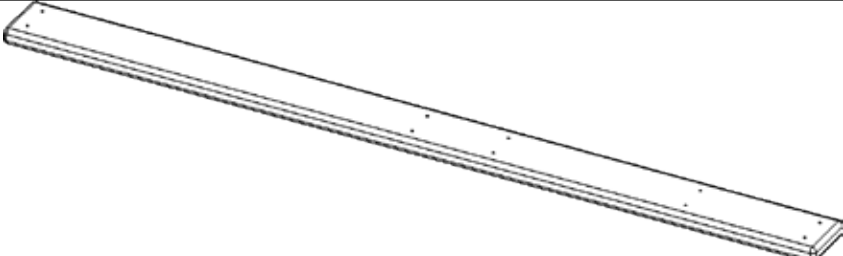
KSI-306 5.0 Parrot Island Fort Lumber	Description	QTY.
	(CC-121) 306-36 51 1/8" Main Beam	2
	(CC-143) 306-37 9" Rope Block	1
	(CC-149) 306-38 19" Left Gusset	1
	(CC-148) 306-39 19" Right Gusset	1
	(CC-159) 306-40 51 1/8" Swingbeam Top Joist	1
	(CC-163) 306-41 85" Trapeze Arm	1
	306-42 110" Left Corner Post	2

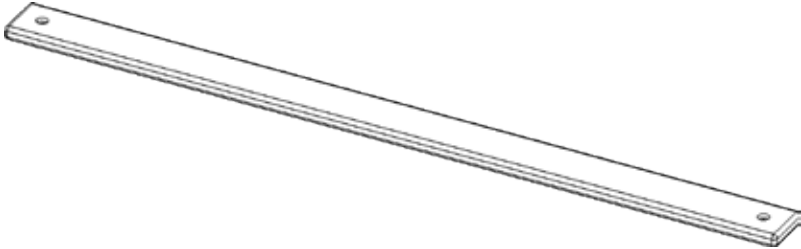
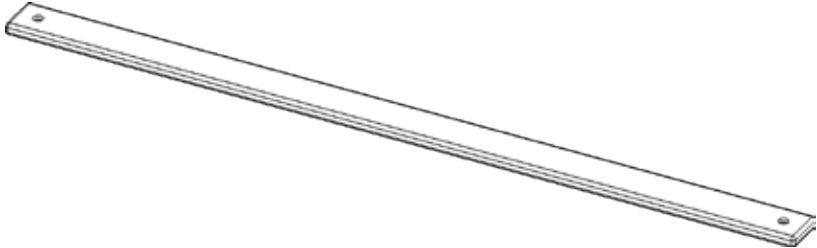
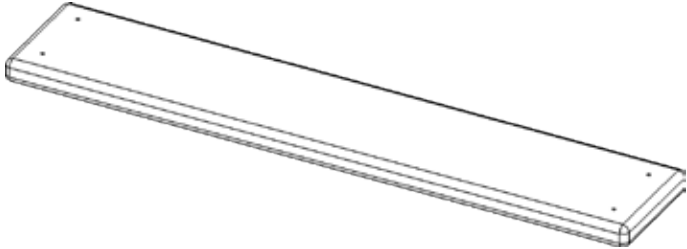
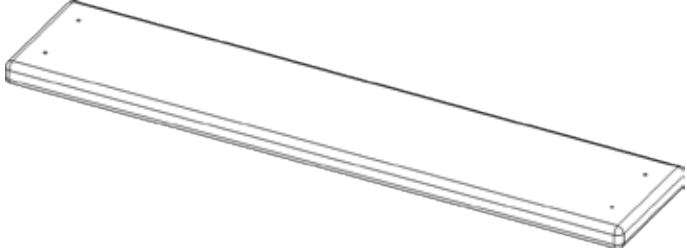
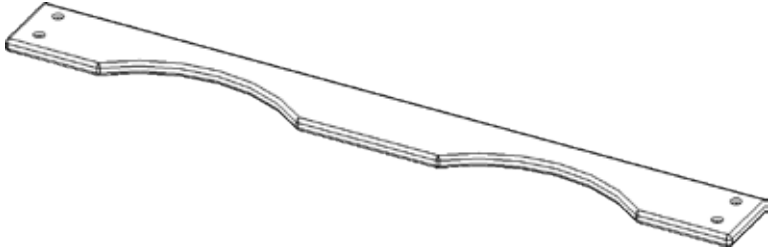
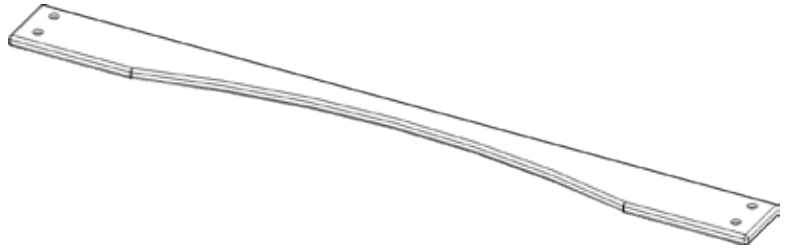
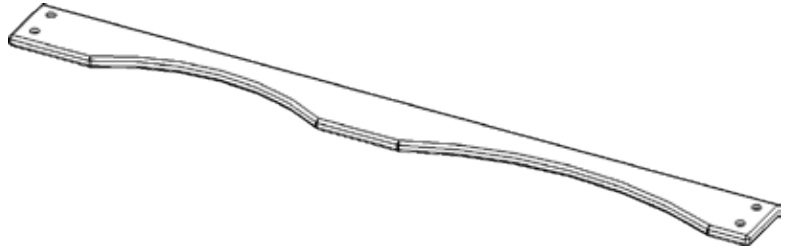
KSI-306 5.0 Parrot Island Fort Lumber	Description	QTY.
	306-43 110" Right Corner Post	2
	(CC-240) 306-44 7 7/8" Center A-Frame Block	1
	(CC-243) 306-45 13 3/8" A-Frame Block	1
	(CC-244) 306-46 13 3/8" A-Frame Block w/ CS	1
	(CC-155) 306-47 70" Crossmember	1
	(CC-156) 306-48 113" A-Frame Leg	2
	(CC-185) 306-49 125" 3 POS Swing Beam	1

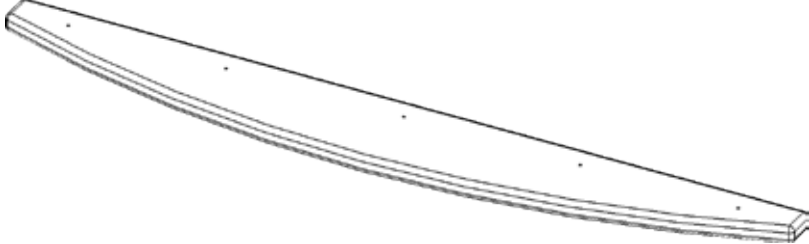
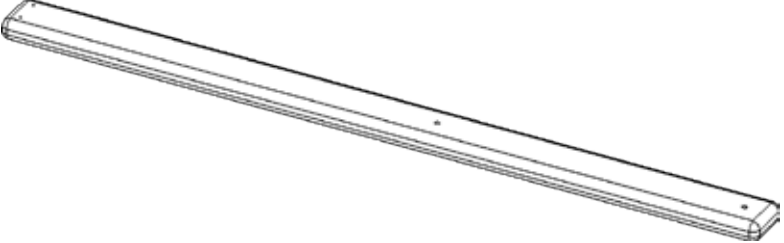
KSI-304 Parrot Island Fort Treehouse	Description	QTY.
	304-1 4 3/4" End Upper Short Board	12
	304-2 10 1/2" Short Panel Board	2
	(Green) (CC-009) 304-3 12" Right Window Shutter	8
	(Green) (CC-008) 304-4 12" Left Window Shutter	8
	(CC-012) 304-5 16" Window Arch	4
	304-6 16 1/2" Side Center Board	2
	304-7 18 1/2" End Center Board	2

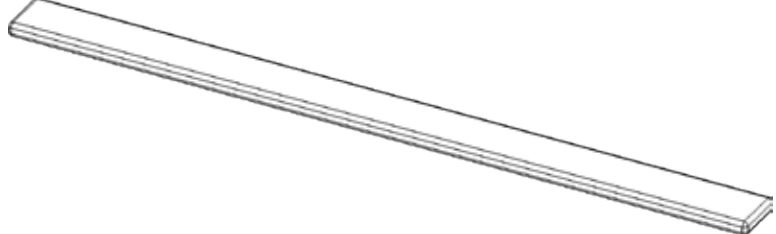
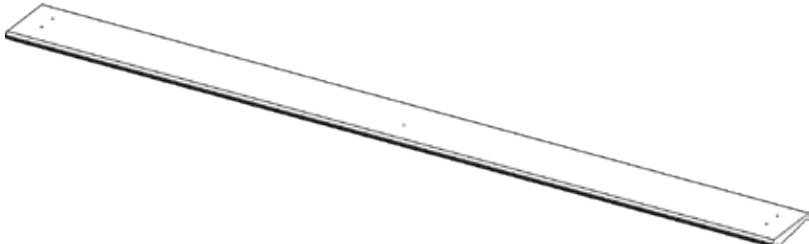
KSI-304 Parrot Island Fort Treehouse	Description	QTY.
	(CC-026) 304-8 32" Spindle	8
	304-9 49 3/8" Side Arches	2
	304-10 53 1/2" Panel Support	2
	304-11 19 3/4" End Panel Board	4
	304-12 32" Spindle Filler	2
	304-13 16 1/2" Side Shutter Board	8
	304-14 19 3/4" End Large Shutter Board	8

KSI-304 Parrot Island Fort Treehouse	Description	QTY.
	304-15 32" Large Spindle	2

KSI-305 Parrot Island Fort Playhouse	Description	QTY.
	(CC-013) 305-1 17" Left Window Shutter	6
	(CC-014) 305-2 17" Right Window Shutter	6
	(CC-024) 305-3 31 13/16" Corner Facia	2
	305-4 46 7/16" Panel Board #1	4
	305-5 46 7/16" Panel Board #2	12

KSI-305 Parrot Island Fort Playhouse	Description	QTY.
	(CC-032) 305-6 51 1/8" Panel Facia	4
	(CC-038) 305-7 60 1/4" Side Facia	2
	(CC-044) 305-8 24" Panel Board #3	16
	(CC-046) 305-9 24" Panel Board #4	8
	305-10 51 1/8" Panel Arch	2
	305-11 60 1/4" Store Side Arch	1
	305-12 60 1/4" Door Side Arches	1

KSI-305 Parrot Island Fort Playhouse	Description	QTY.
	(CC-067) 305-13 39 15/16" Store Counter	1
	305-14 50 7/8" Center Panel Support	1

KSI-309-G/R Parrot Island Fort Wood Roof (Color Depends On Package)	Description	QTY.
	309-1 46 1/2" Wood Roof Support	2
	309-2 55 5/8" Wood Roof Board	22

KSI-306-HWR-BAG 5.0 PARROT ISLAND FORT HARDWARE

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

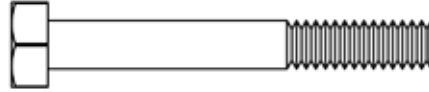
A-1
3/8" Acorn Nut Plated
QTY. 16



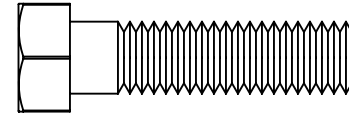
A-2
3/8" Hex Nut
QTY. 4



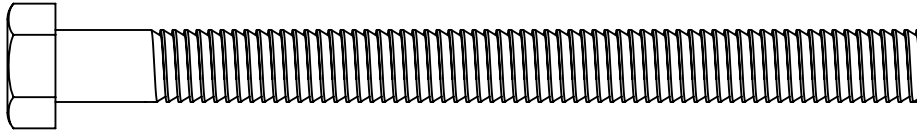
A-3
1/4" x 2" Hex Bolt
QTY. 6



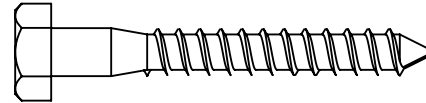
A-4
3/8" x 1 1/2" Hex Bolt
QTY. 4



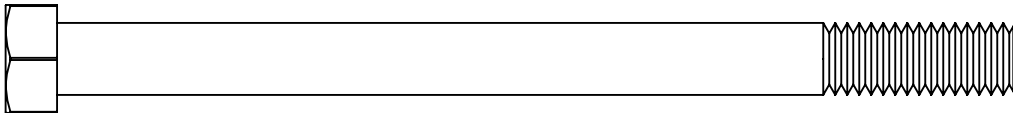
A-5
3/8" x 4 1/2" Hex Bolt
QTY. 8



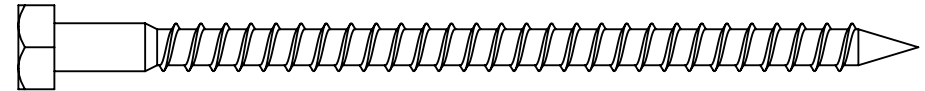
A-8
1/4" x 2" Hex Lag Screw
QTY. 8



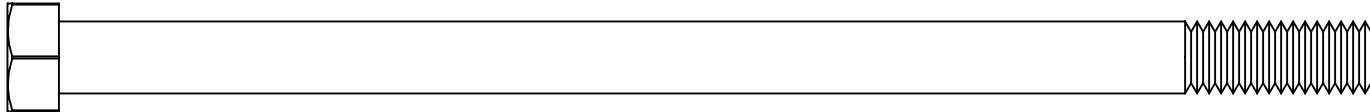
A-6
3/8" x 5" Hex Bolt
QTY. 4



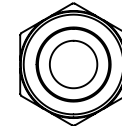
A-9
1/4" x 4 1/2" Hex Lag Screw
QTY. 12



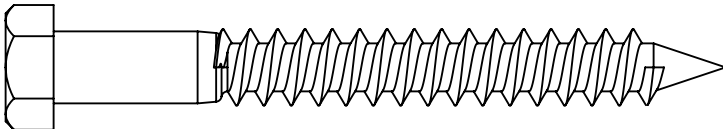
A-7
3/8" x 7" Hex Bolt
QTY. 4



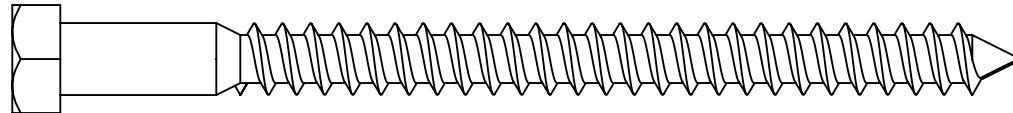
A-12
3/8" Nylon Insert Locknut
QTY. 4



A-10
3/8" x 3 1/2" Hex Lag Screw
QTY. 6



A-11
3/8" x 5" Hex Lag Screw
QTY. 2



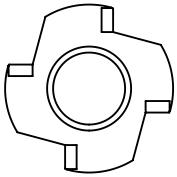
MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

KSI-306-HWR-BAG 5.0 PARROT ISLAND FORT HARDWARE

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

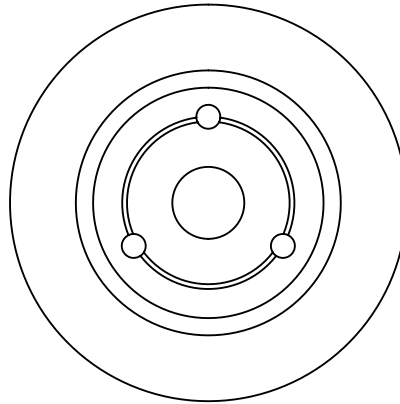
A-13
3/8" T-Nut
QTY. 12



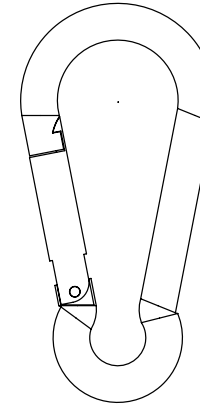
A-14
3/8" Split Lockwasher
QTY. 8



A-15
3/8" Bolt Cup
QTY. 12



A-16
8 x 80mm Spring Clip
QTY. 2



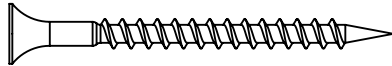
A-17
#2 x 3 Drive Bit
QTY. 1



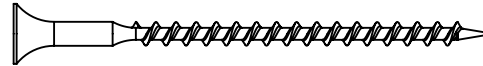
B-1
1 1/2" Coated Deck Screw
QTY. 248



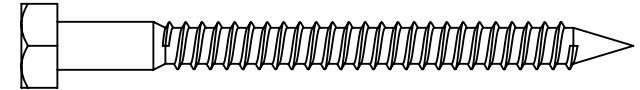
C-1
2" Coated Deck Screw
QTY. 154



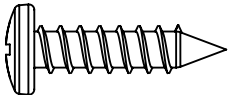
D-1
2 1/2" Coated Deck Screw
QTY. 30



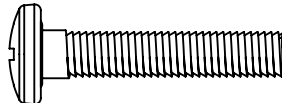
E-1
1/4" x 3" Hex Lag Screw
QTY. 62



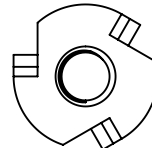
F-1
#14 x 1" Pan Phillips T/S
QTY. 40



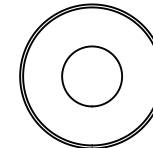
G-1
1/4" x 1 1/4" Pan Phillips M/S
QTY. 27



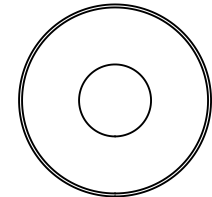
H-1
1/4" T-Nut
QTY. 33



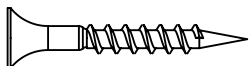
I-1
1/4" USS Flatwasher
QTY. 152



J-1
3/8" USS Flatwasher
QTY. 24



K-1
1 1/4" Coated Deck Screw
QTY. 22



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

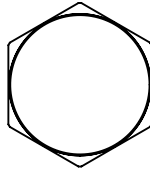
306-SB-HWR PARROT ISLAND FORT SWINGBEAM HARDWARE

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

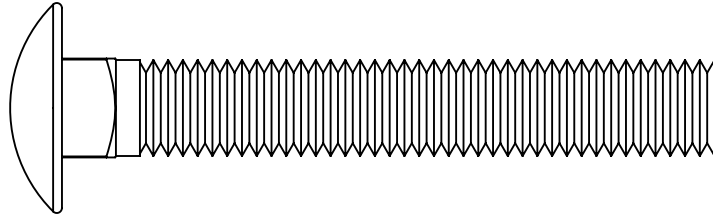
SB-1
3/8" Acorn Nut
QTY. 10



SB-2
1/2" Acorn Nut
QTY. 9



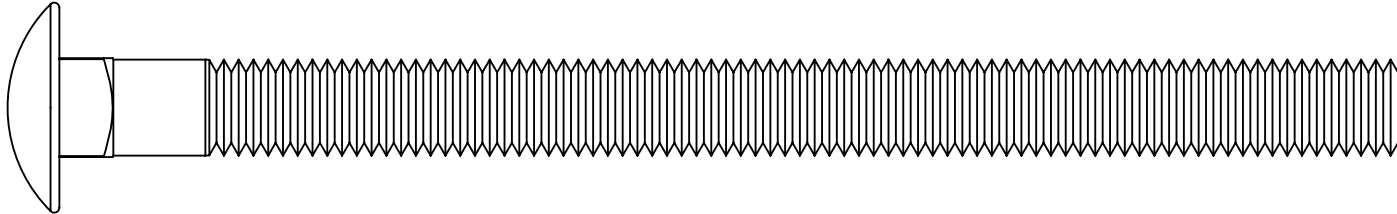
SB-3
1/2" x 3 1/2" Carriage Bolt
QTY. 2



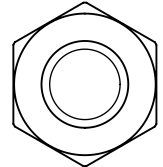
SB-6
3/8" Hex Nut
QTY. 2



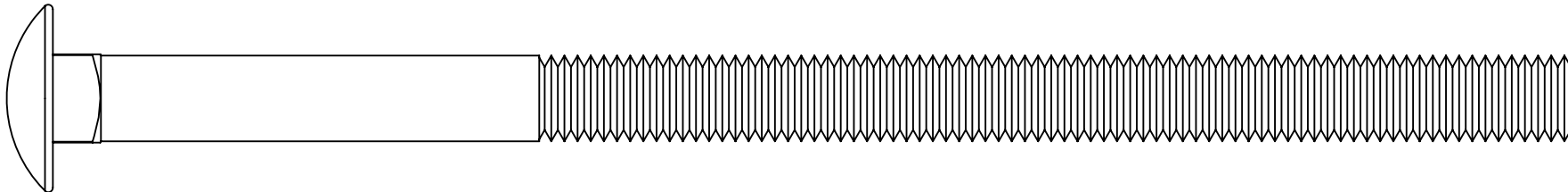
SB-4
1/2" x 7" Carriage Bolt
QTY. 5



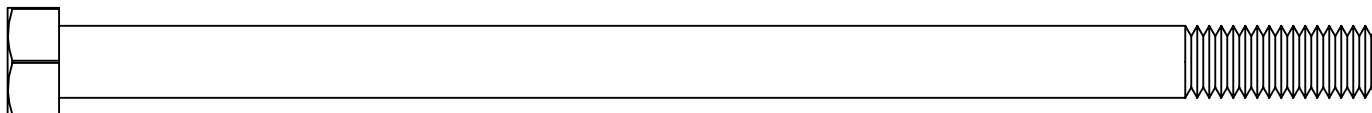
SB-7
1/2" Hex Nut
QTY. 9



SB-5
1/2" x 9" Carriage Bolt
QTY. 1



SB-8
3/8" x 7" Hex Bolt
QTY. 4



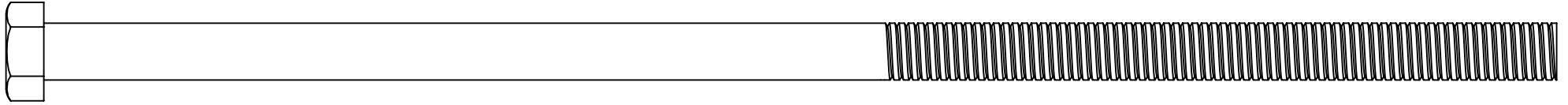
MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

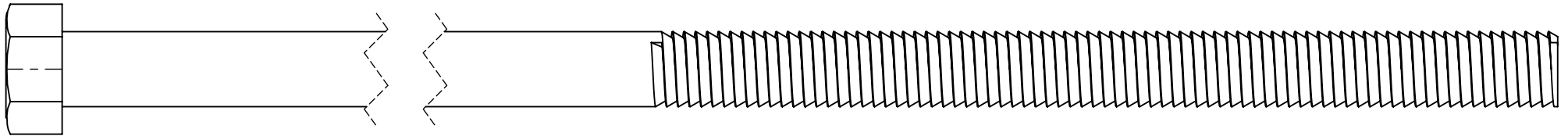
306-SB-HWR PARROT ISLAND FORT SWINGBEAM HARDWARE

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

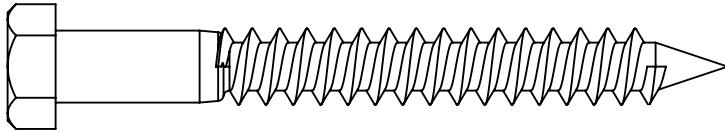
SB-9
3/8" x 10" Hex Bolt
QTY. 2



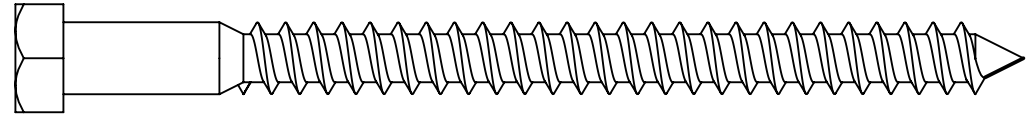
SB-10
1/2" x 11 1/2" Hex Bolt
QTY. 1



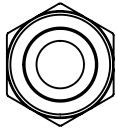
SB-11
3/8" x 3 1/2" Hex Lag Screw
QTY. 2



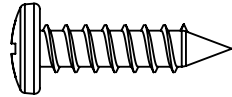
SB-12
3/8" x 5" Hex Lag Screw
QTY. 2



SB-13
3/8" Nylon Insert Locknut
QTY. 8



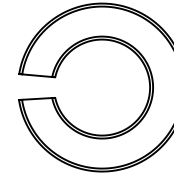
SB-14
#14 x 1" Pan Phillips T/S
QTY. 2



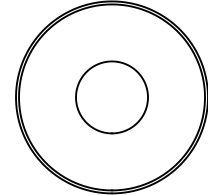
SB-15
3/8" Split Lockwasher
QTY. 10



SB-16
1/2" Split Lockwasher
QTY. 9



SB-17
3/8" USS Flatwasher
QTY. 14



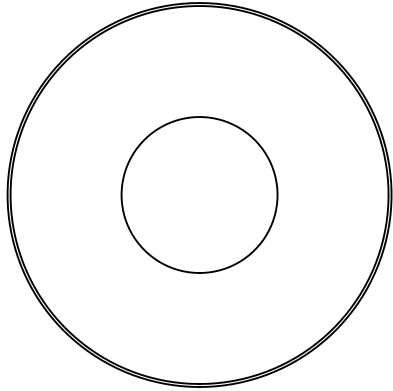
MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

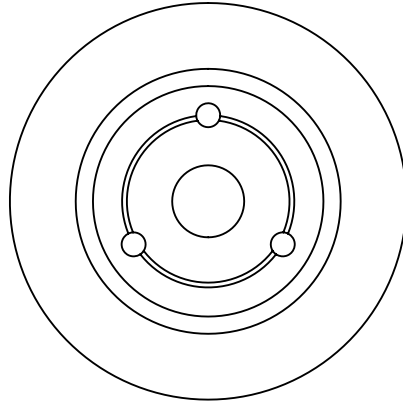
306-SB-HWR PARROT ISLAND FORT SWINGBEAM HARDWARE

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

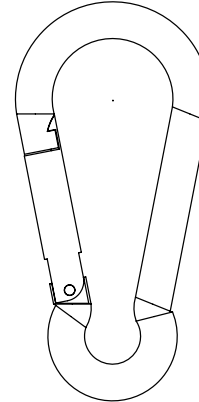
SB-18
3/4" USS Flatwasher
QTY. 10



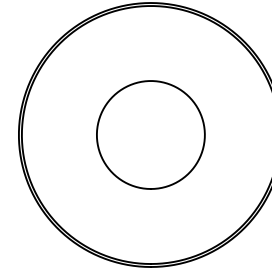
SB-19
3/8" Bolt Cup
QTY. 10



SB-20
8 x 80mm Spring Clip
QTY. 4



SB-21
1/2" USS Flatwasher
QTY. 9



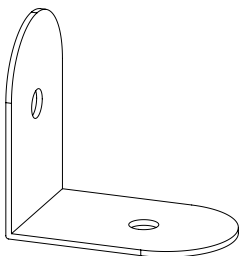
MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

305-HWR-BAG PARROT ISLAND FORT 5.0 PLAYHOUSE PANEL HARDWARE

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

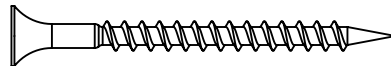
PP-1
90 Degree Bracket
QTY. 1



PP-2
1 1/2" Coated Deck Screw
QTY. 245



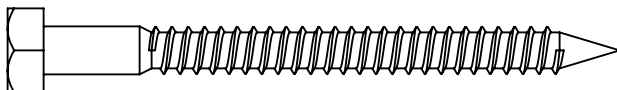
PP-3
2" Coated Deck Screw
QTY. 7



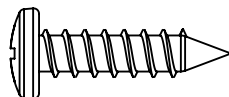
PP-4
1/4" x 2" Hex Bolt
QTY. 2



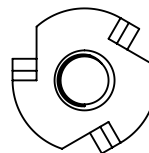
PP-5
1/4" x 3" Hex Lag Screw
QTY. 30



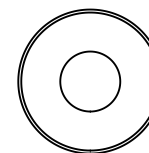
PP-6
#14 x 1" Pan Phillips T/S
QTY. 2



PP-7
1/4" T-Nut
QTY. 2



PP-8
1/4" USS Flatwasher
QTY. 34



PP-9
#2 & 3 Drive Bit
QTY. 1



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

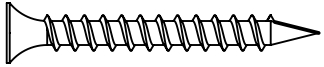
USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

KSI-304-HWR-BAG PARROT ISLAND FORT TREEHOUSE PANELS

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

TP-1

1 1/2" Coated Deck Screw
QTY. 314



TP-2

#2 & 3 Drive Bit
QTY. 1



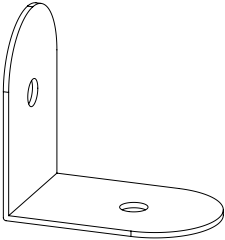
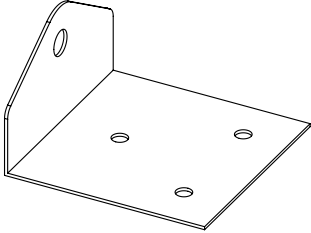
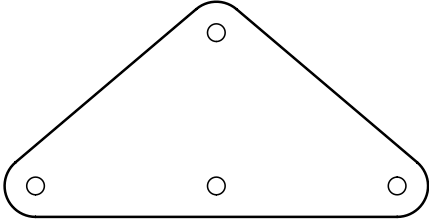
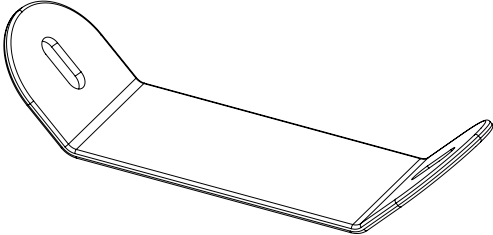
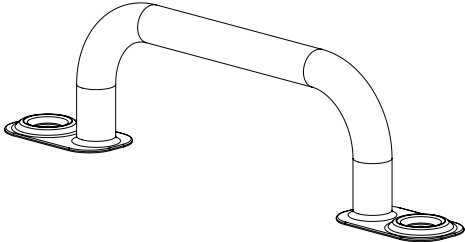
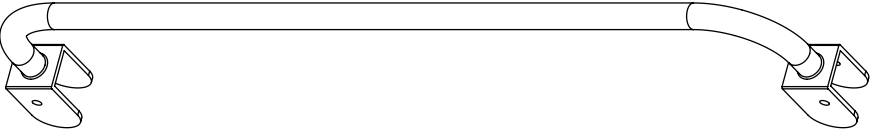

TP-3



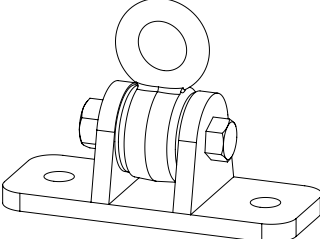

2 1/2" Coated Deck Screw
QTY. 8


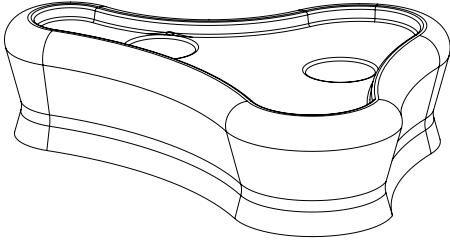
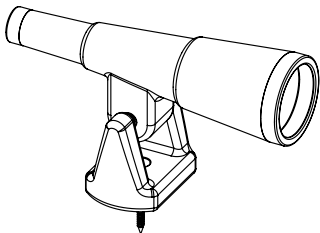
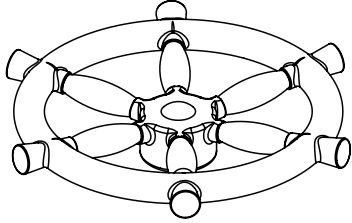


MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

5.0 PIF-SB Parrot Island Fort Standard Box	Description	QTY.
	306-A 90 Degree Bracket	6
	306-B Rockwall/ Ladder Bracket	4
	306-C Swingbeam Tri-Plate	1
	306-D 45 Degree Swingbeam Bracket	2
	306-E Playgrip Safety Handle	4
	306-F Playgrip U-Mount Handle	2
	306-G 14' Rope	2

5.0 PIF-SB Parrot Island Fort Standard Box	Description	QTY.
	306-H 16" Trapeze Bar	1
	306-I Disc Swing	1
	306-J Ductile Iron Swing Hanger	6
	306-K Spiral Ground Anchor	4

5.0 PIF-BA/BB (Color Depends on Package)	Description	QTY.
	306-AA 66" Chained Belt Swing	2
	306-BB Rockwall Rocks	12
	306-CC Telescope	1
	306-DD Ships' Wheel	1

Swingbeam Side Wall (Sub Assemblies)

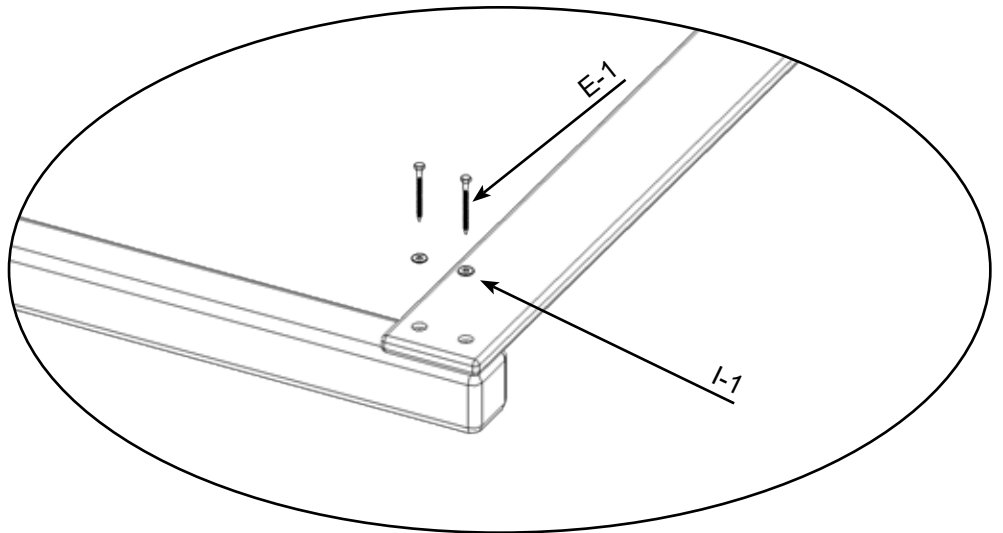
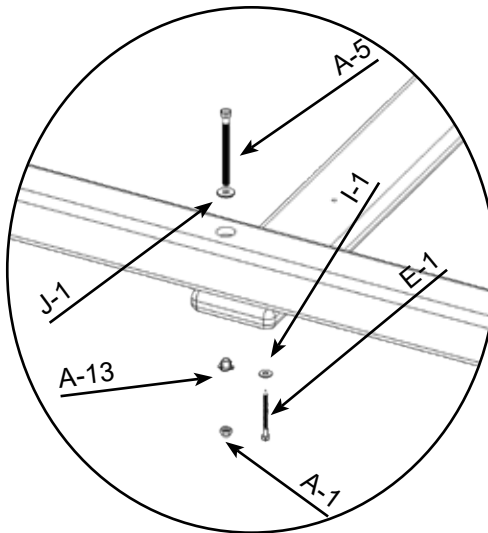
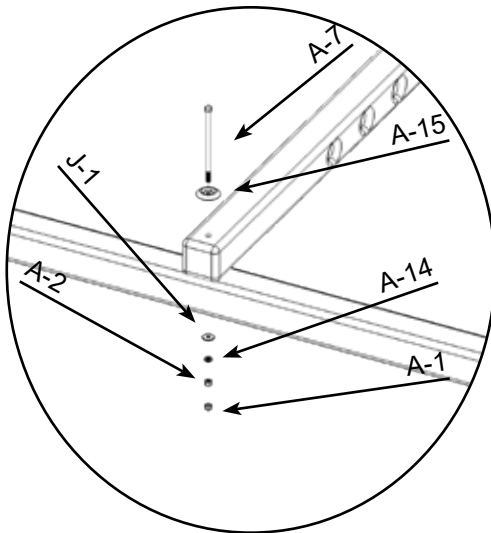
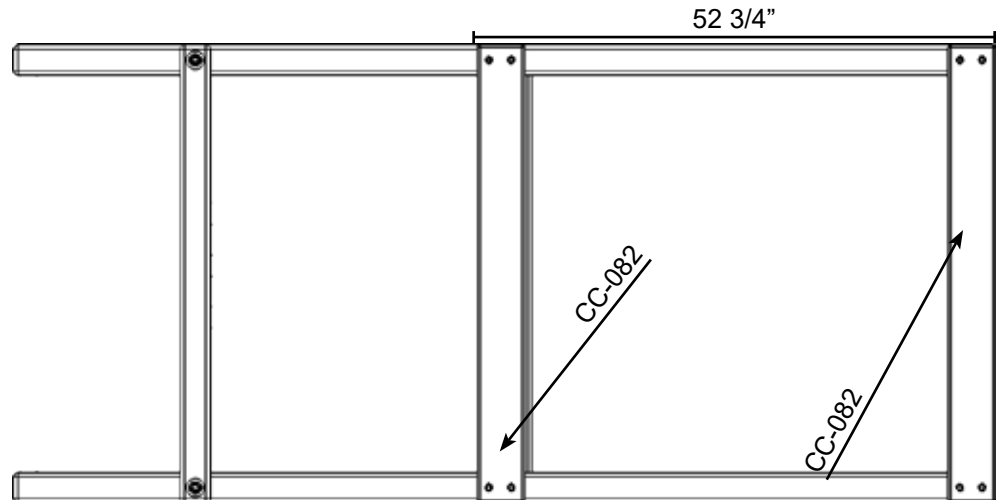
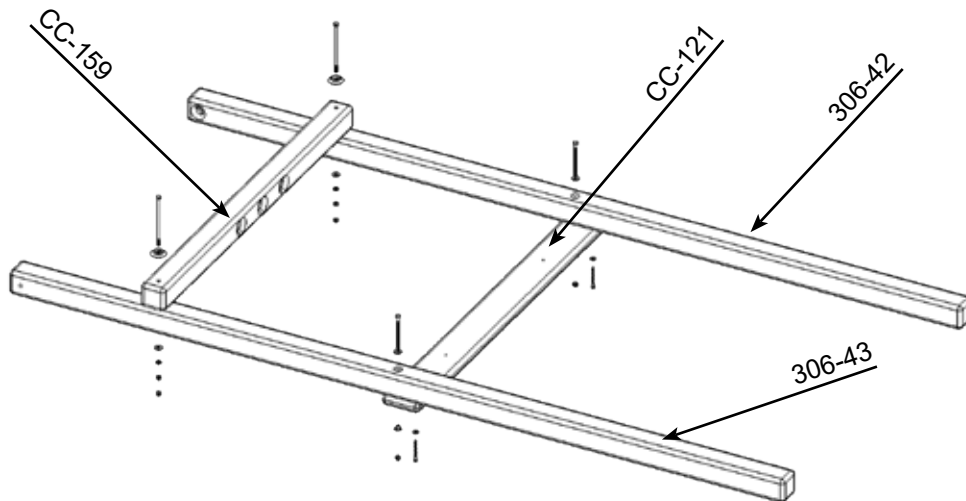
PARTS NEEDED

CC-159- 51 1/8" Swingbeam Top Joist- (1)
 CC-121- 51 1/8" Main Beam- (1)
 306-42- 110" Left Corner Post- (1)
 306-43- 110" Right Corner Post- (1)
 CC-082- 51 1/8" 4- Hole Facia- (1)

A-7- 3/8" x 7" Hex Bolt-
 J-1- 3/8" USS Flatwasher-
 A-2- 3/8" Hex Nut-
 A-5- 3/8" x 4 1/2" Hex Bolt-
 I-1- 1/4" USS Flatwasher-

HARDWARE NEEDED

(2) A-15- 3/8" Bolt Cup- (2)
 (4) A-14- 3/8" Split Lockwasher- (2)
 (2) A-1- 3/8" Acorn Nut- (4)
 (2) A-13- 3/8" T-Nut- (2)
 (10) E-1- 1/4" x 3" Hex Lag Screw- (10)



Trapeze Side Wall (Sub Assemblies)

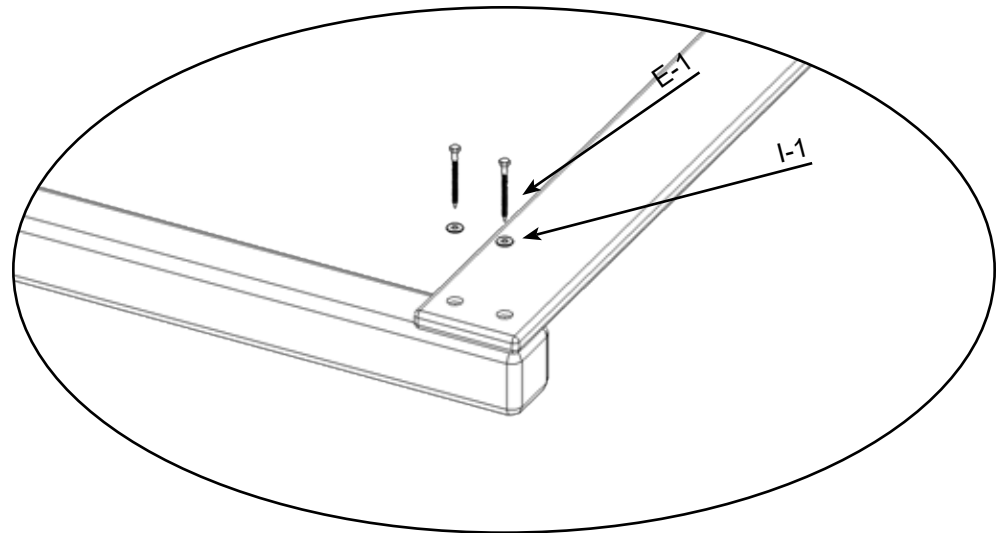
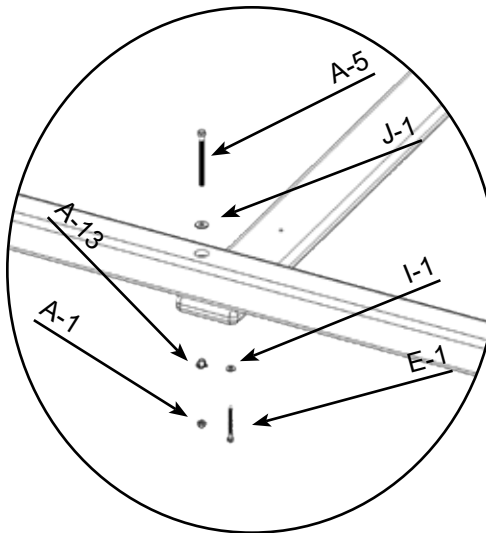
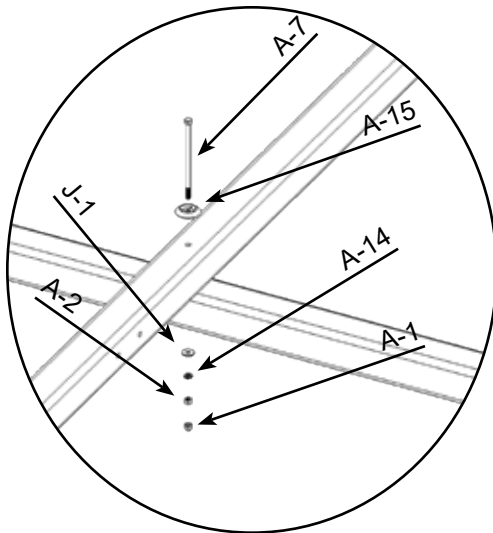
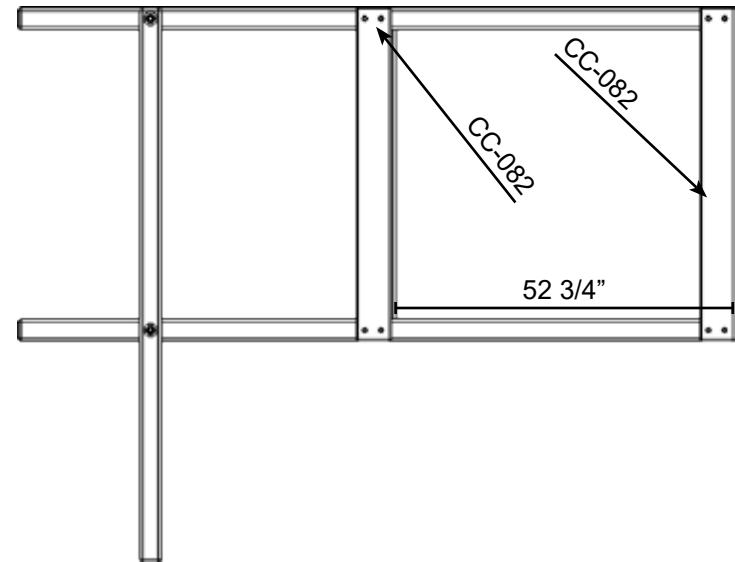
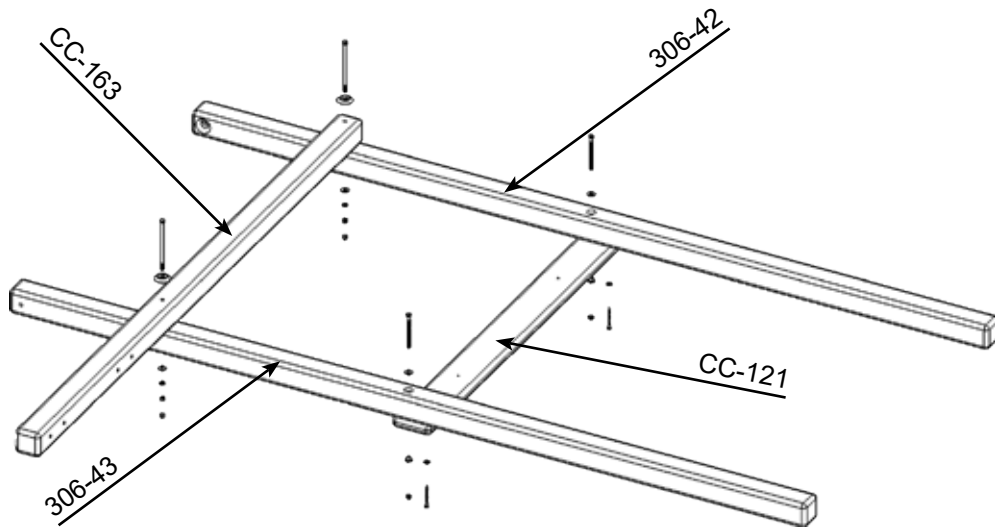
PARTS NEEDED

CC-163- 85" Trapeze Arm- (1)
 CC-121- 51 1/8" Main Beam- (1)
 306-42- 110" Left Corner Post- (1)
 306-43- 110" Right Corner Post- (1)
 CC-082- 51 1/8" 4- Hole Facia- (2)

A-7- 3/8" x 7" Hex Bolt- (2)
 J-1- 3/8" USS Flatwasher- (4)
 A-2- 3/8" Hex Nut- (2)
 A-5- 3/8" x 4 1/2" Hex Bolt- (2)
 I-1- 1/4" USS Flatwasher- (10)

HARDWARE NEEDED

(2) A-15- 3/8" Bolt Cup- (2)
 (4) A-14- 3/8" Split Lockwasher- (2)
 (2) A-1- 3/8" Acorn Nut Plated- (4)
 (2) A-13- 3/8" T-Nut- (2)
 (10) E-1- 1/4" X 3" Hex Lag Screw- (10)



Trapeze Side Wall (Sub Assemblies)

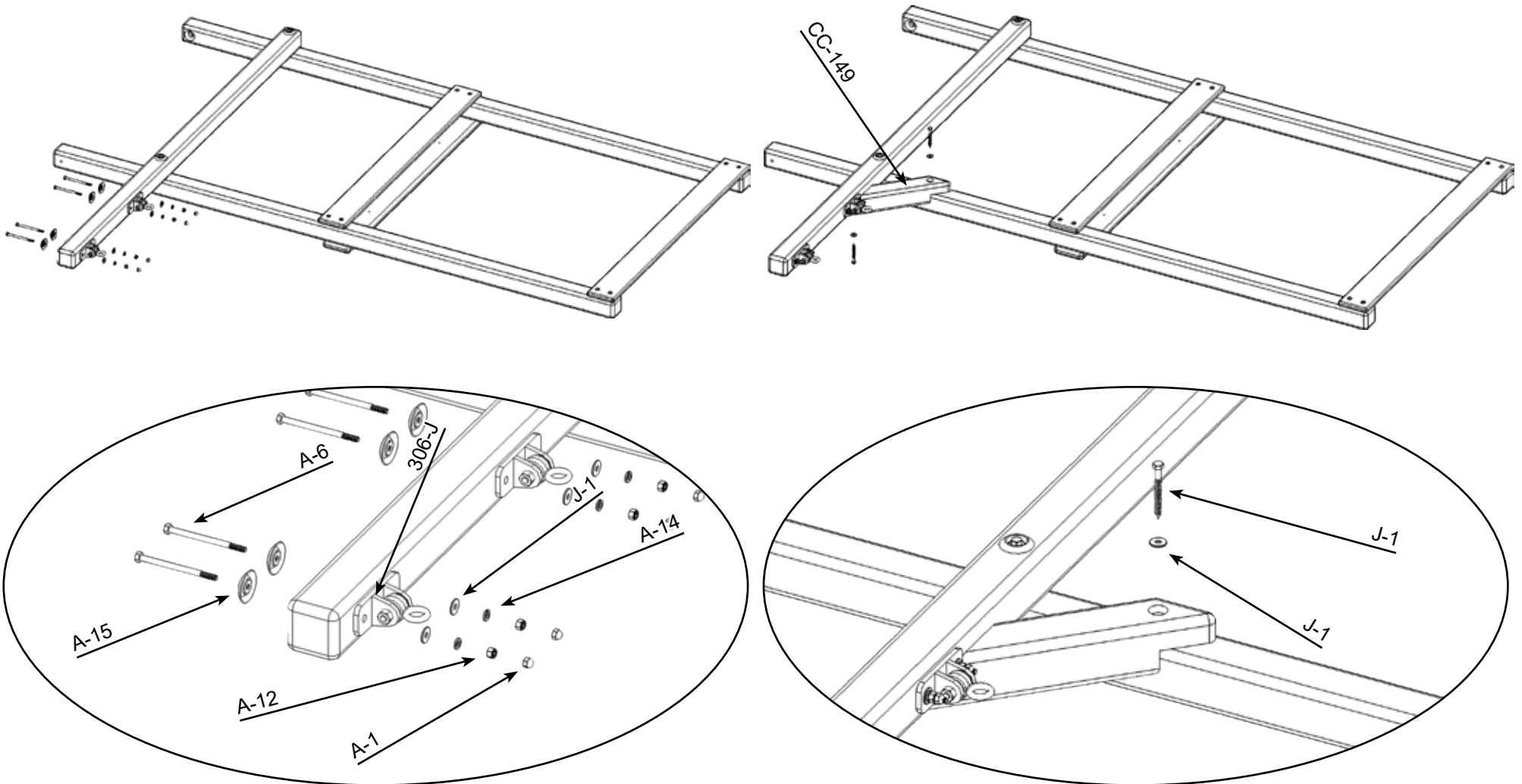
PARTS NEEDED

CC-149- 19" Left Gusset- (1)
 306-J- Ductile Iron Swing Hanger- (2)

A-6- 3/8" x 5" Hex Bolt- (4)
 J-1- 3/8" USS Flatwasher- (6)
 A-12- 3/8" Nylon Insert Locknut- (4)
 J-1- 3/8" x 3 1/2" Hex Lag Screw- (2)

HARDWARE NEEDED

A-15- 3/8" Bolt Cup- (4)
 A-14- 3/8" Split Lockwasher- (4)
 A-1- 3/8" Acorn Nut Plated- (4)



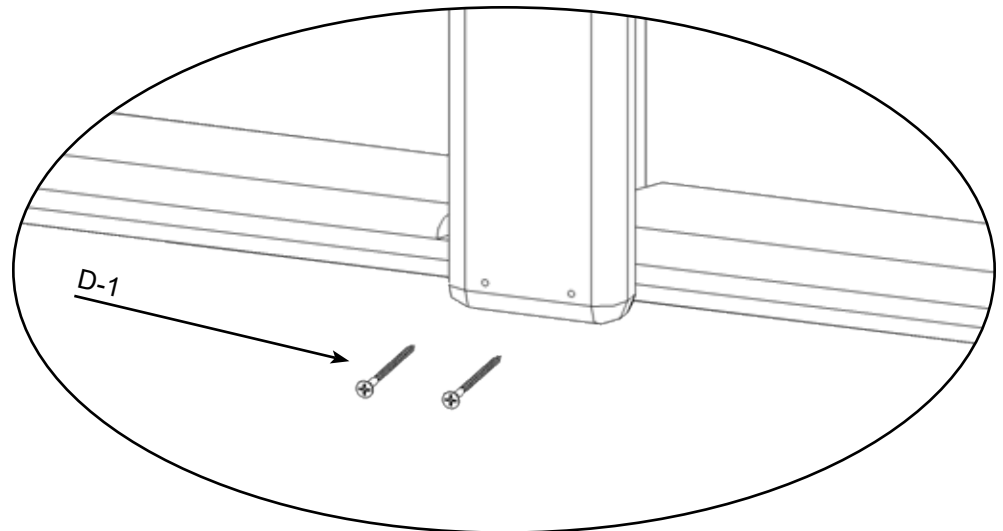
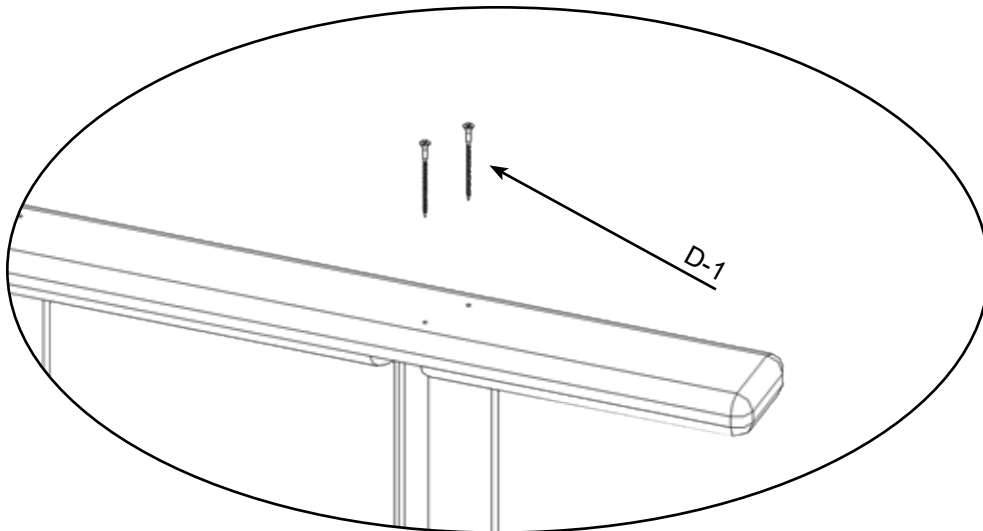
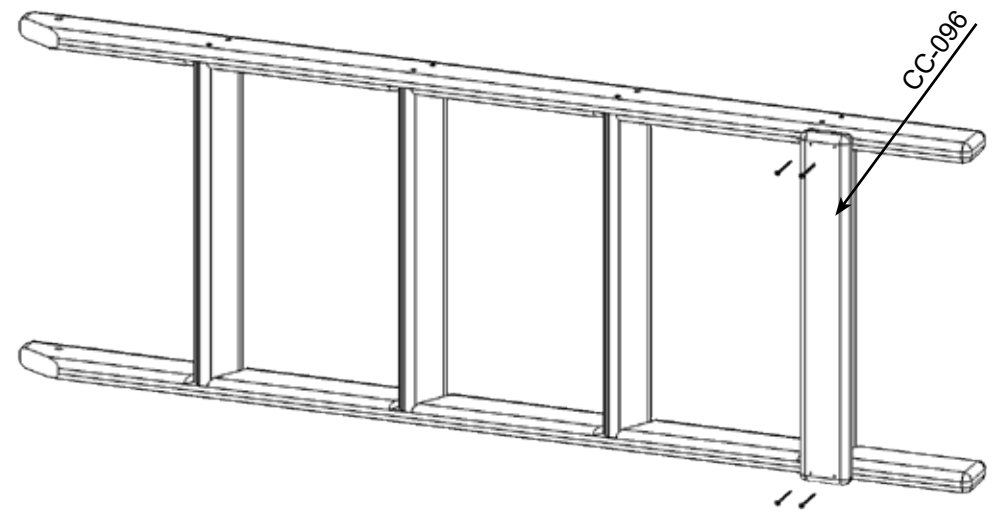
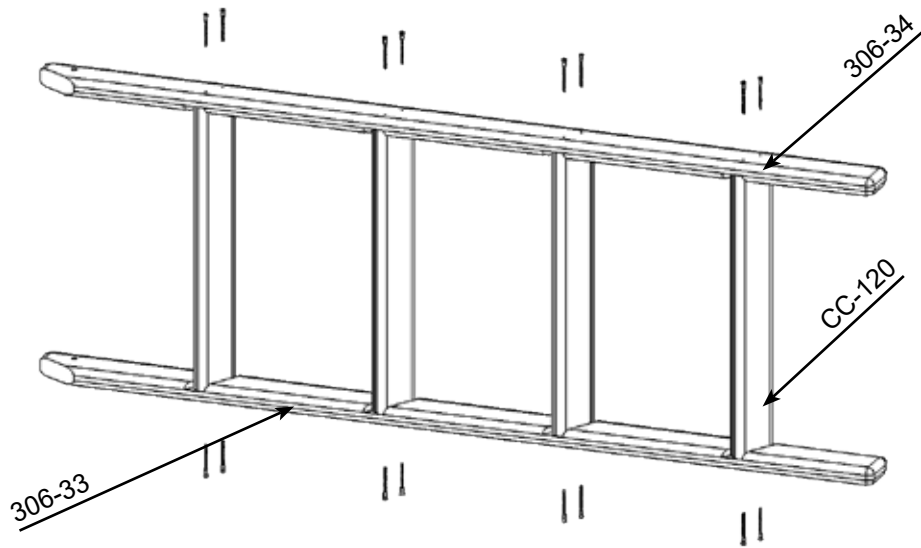
5.0 Parrot Island Fort Ladder (Sub Assemblies)

PARTS NEEDED

306-34- 65 3/4" Left Ladder Leg-	(1)
306-33- 65 3/4" Right Ladder Leg-	(1)
CC-120- 22" Ladder Step-	(4)
CC-096- 23 3/4" Ladder Facia-	(1)

HARDWARE NEEDED

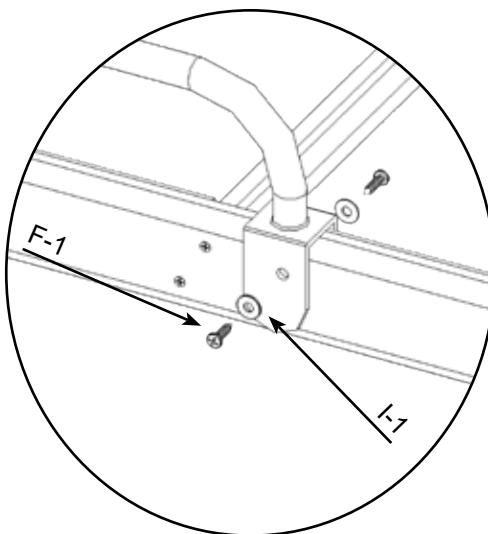
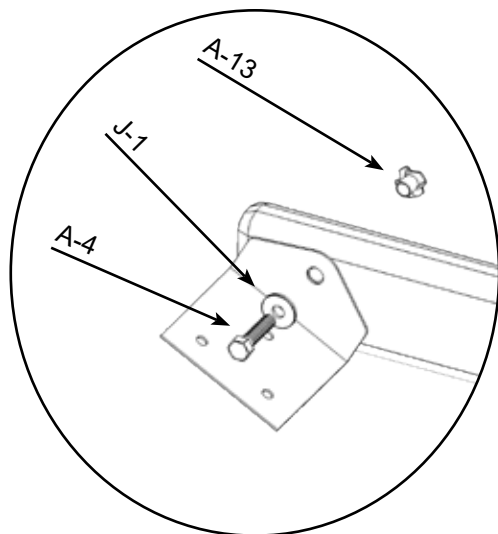
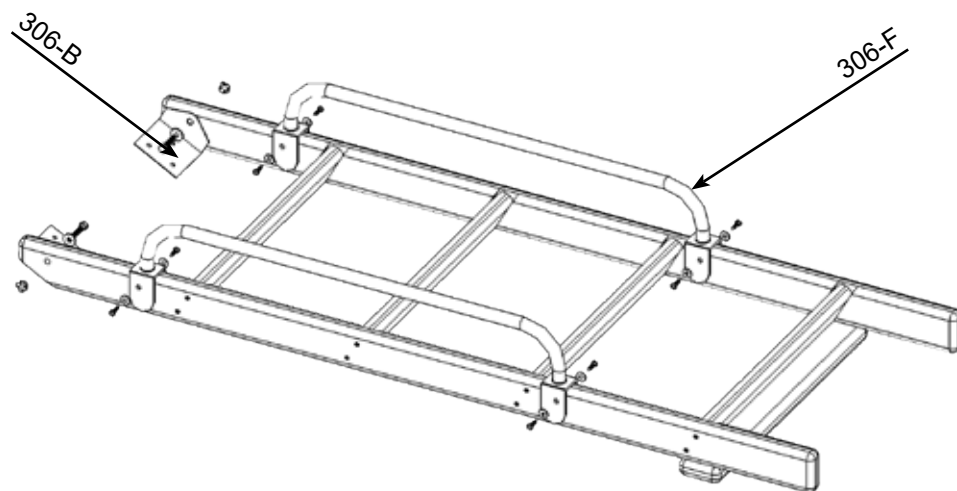
D-1- 2 1/2" Coated Deck Screw-	(20)
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5.0 Parrot Island Fort Ladder (Sub Assemblies)

PARTS NEEDED

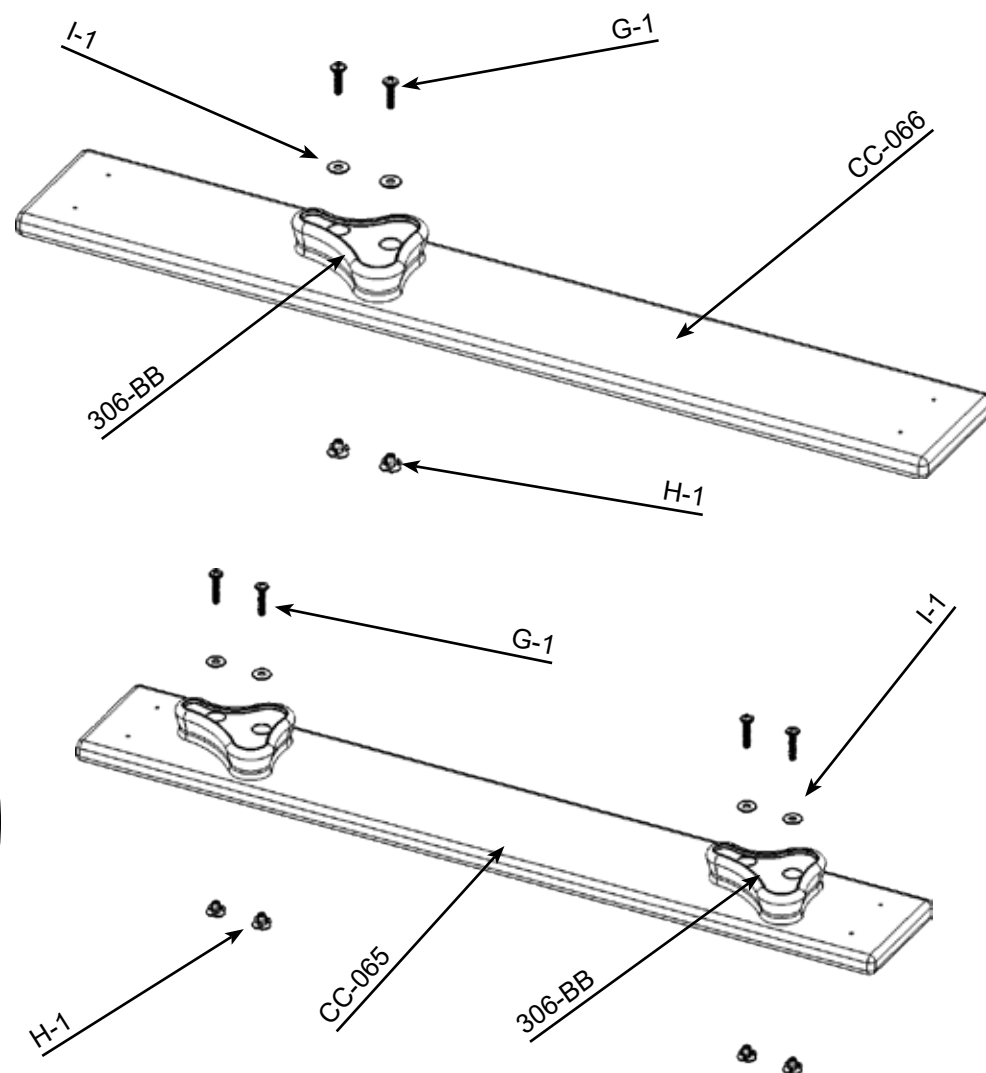
306-F- Playgrip U-Mount Handle-	(2)	A-4- 3/8" x 1 1/2" Hex Bolt-	(2)
306-B- Rockwall/ Ladder Bracket-	(2)	A-13- 3/8" T-Nut-	(2)
306-BB- Rockwall Rock-	(12)	I-1- 1/4" USS Flatwasher-	(32)
CC-066- 36" 1- Rock Rockwall Board-	(6)	H-1- 1/4" T-Nut-	(24)
CC-065- 36" 2- Rock Rockwall Board-	(3)		



5.0 Parrot Island Fort Rockwall Boards (Sub Assemblies)

HARDWARE NEEDED

(2)	J-1- 3/8" USS Flatwasher-	(2)
(2)	F-1- #14 X 1" Pan Phillips T/S-	(8)
(32)	G-1- 1/4" x 1 1/4" Pan Phillips M/S-	(24)



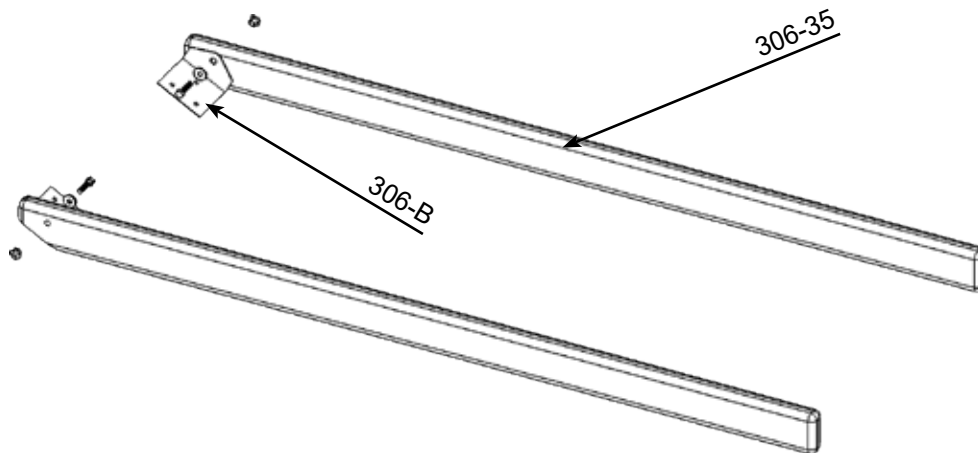
5.0 Parrot Island Fort Rockwall Boards (Sub Assemblies)

PARTS NEEDED

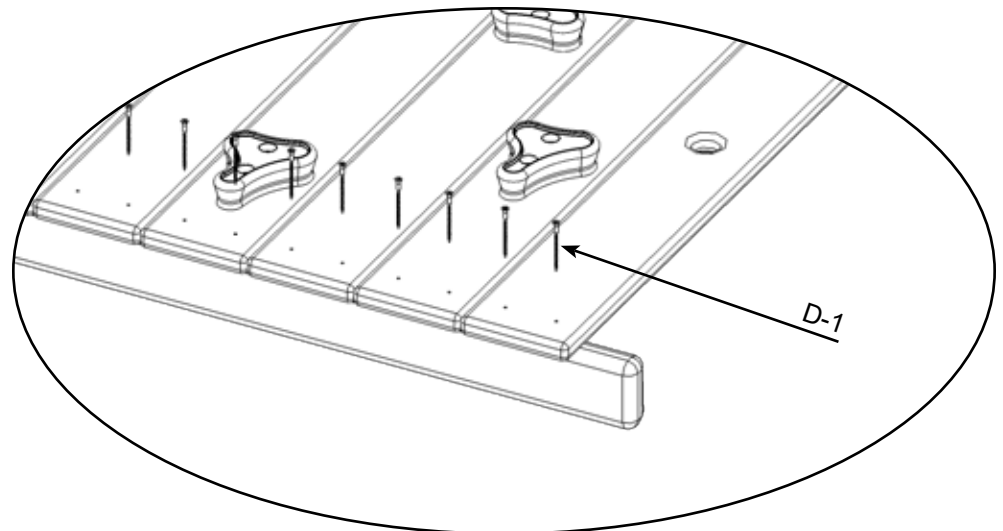
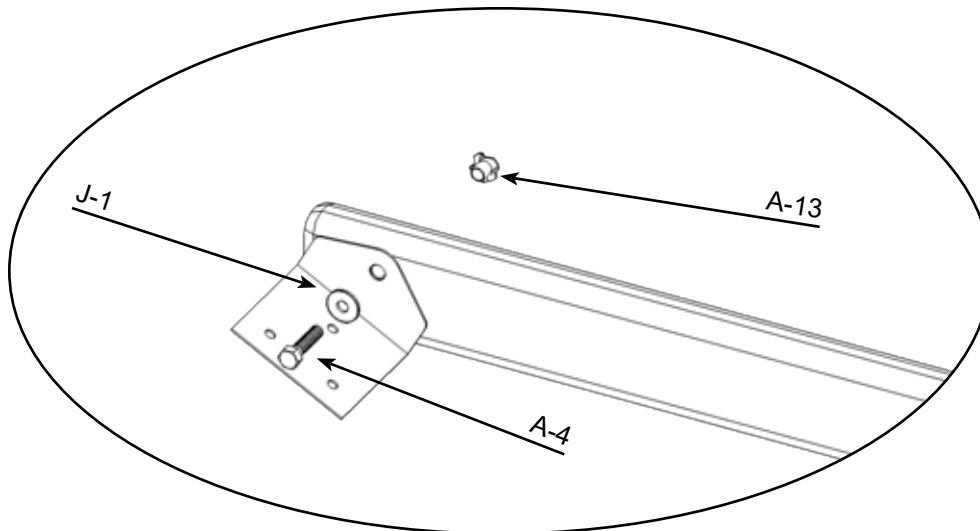
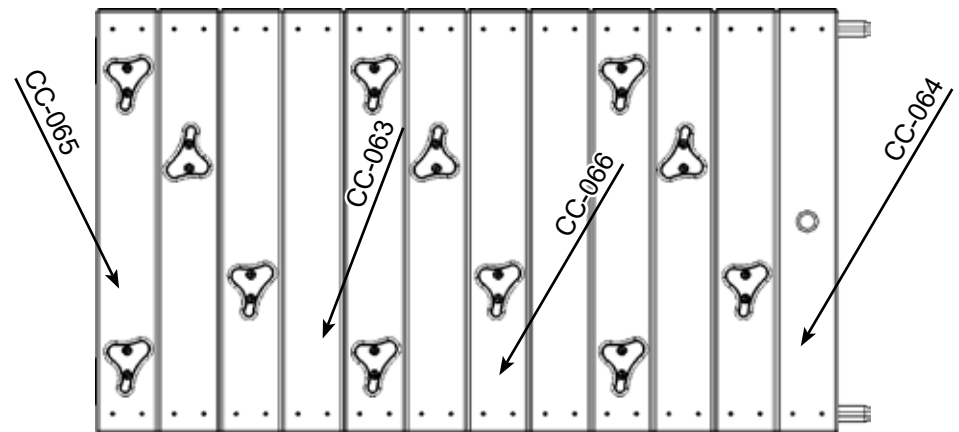
306-35- 65 3/4" Rockwall Ladder Leg-	(2)
J-1- Rockwall/ Ladder Bracket-	(2)
CC-065- 36" 2- Rock Rockwall Board-	(3)
CC-063- 36" Blank Rockwall Board-	(2)
CC-066- 36" 1- Rock Rockwall Board-	(6)
CC-064- 36" Rockwall Board w/ Rope Hole-	(1)

HARDWARE NEEDED

A-4- 3/8" x 1 1/2" Hex Nut-	(2)
J-1- 3/8" USS Flatwasher-	(2)
A-13- 3/8" T-Nut-	(2)
D-1- 2 1/2" Coated Deck Screw-	(48)



ROCKWALL BOARDS OVERLAP SUPPORTS BY 1" ON EACH SIDE



Swingbeam Assembly (For 3 Position Inside See Swingbeam Insert)

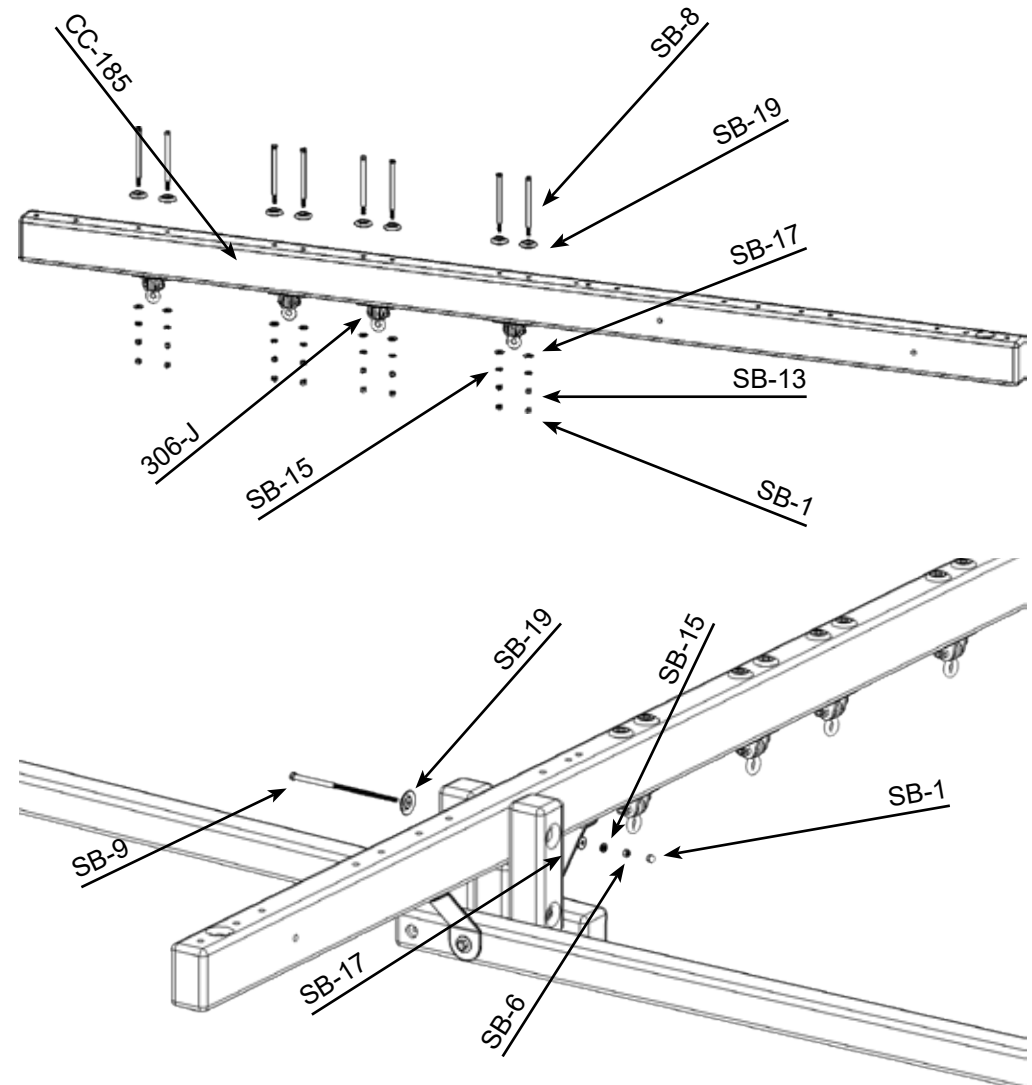
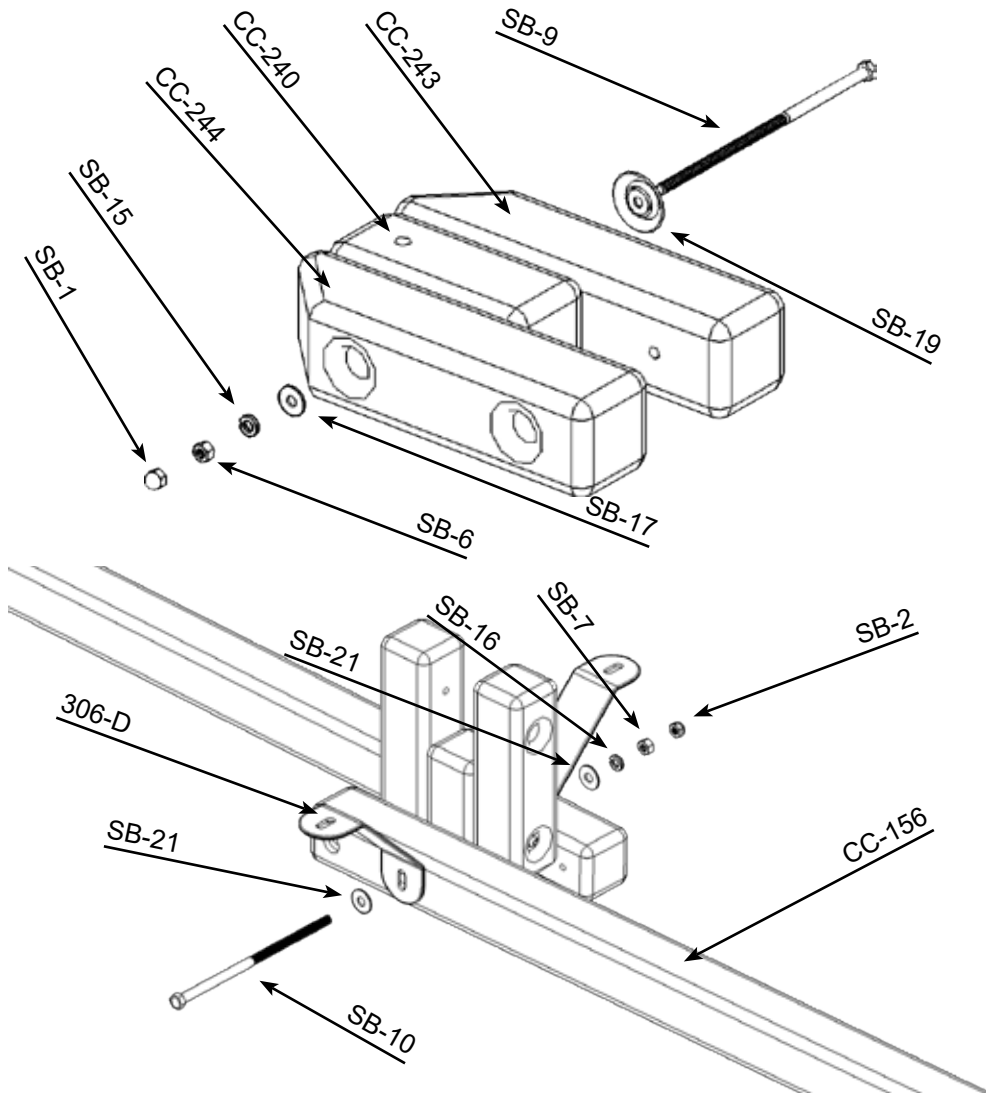
PARTS NEEDED

CC-240- 7 7/8" Center A-Frame Block-	(1)
CC-243- 13 3/8" A-Frame Block w/ CS-	(1)
CC-244- 13 3/8" A-Frame Block-	(1)
CC-156- 113" A-Frame Leg-	(2)
CC-185- 3 POS Swing Beam-	(1)
306-J- Ductile Iron Swing Hanger-	(4)

SB-9- 3/8" x 10" Hex Bolt-	(2)
SB-17- 3/8" USS Flatwasher-	(10)
SB-6- 3/8" Hex Nut-	(2)
SB-8- 3/8" x 7" Hex Bolt-	(8)
SB-10- 1/2" x 11 1/2" Hex Bolt-	(1)
SB-16- 1/2" Split Lockwasher-	(1)
SB-2- 1/2" Acorn Nut Plated-	(1)

HARDWARE NEEDED

SB-19- 3/8" Bolt Cup-	(10)
SB-15- 3/8" Split Lockwasher-	(10)
SB-1- 3/8" Acorn Nut Plated-	(10)
SB-13- 3/8" Nylon Insert Locknut-	(8)
SB-21- 1/2" USS Flatwasher-	(2)
SB-7- 1/2" Hex Nut-	(1)



Swingbeam Assembly

PARTS NEEDED

CC-083- 60 1/4" 4- Hole Facia- (2)

SB-4- 1/2" x 7" Carriage Bolt-

SB-21- 1/2" USS Flatwasher-

SB-7- 1/2" Hex Nut-

E-1- 1/4" x 3" Hex Lag Screw-

5.0 PIF Main Assembly

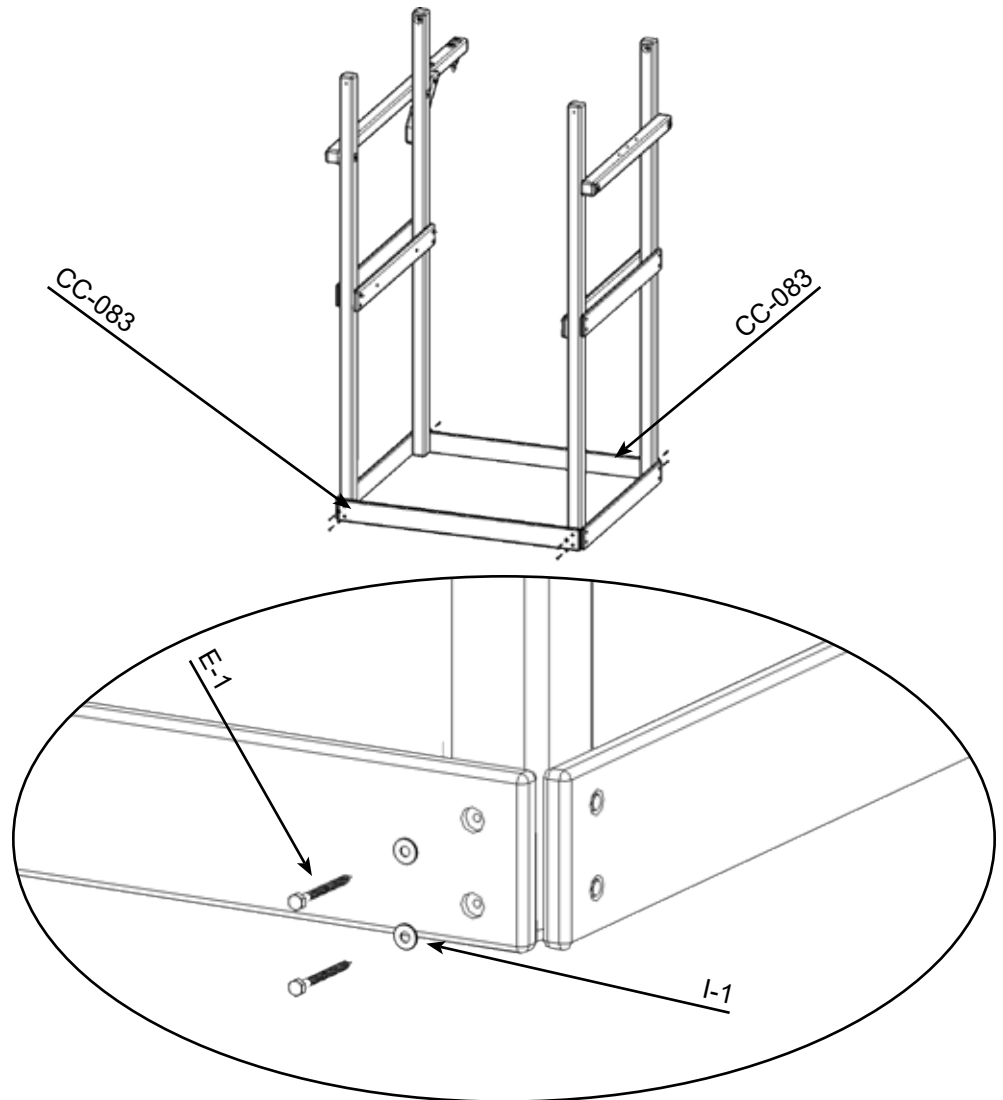
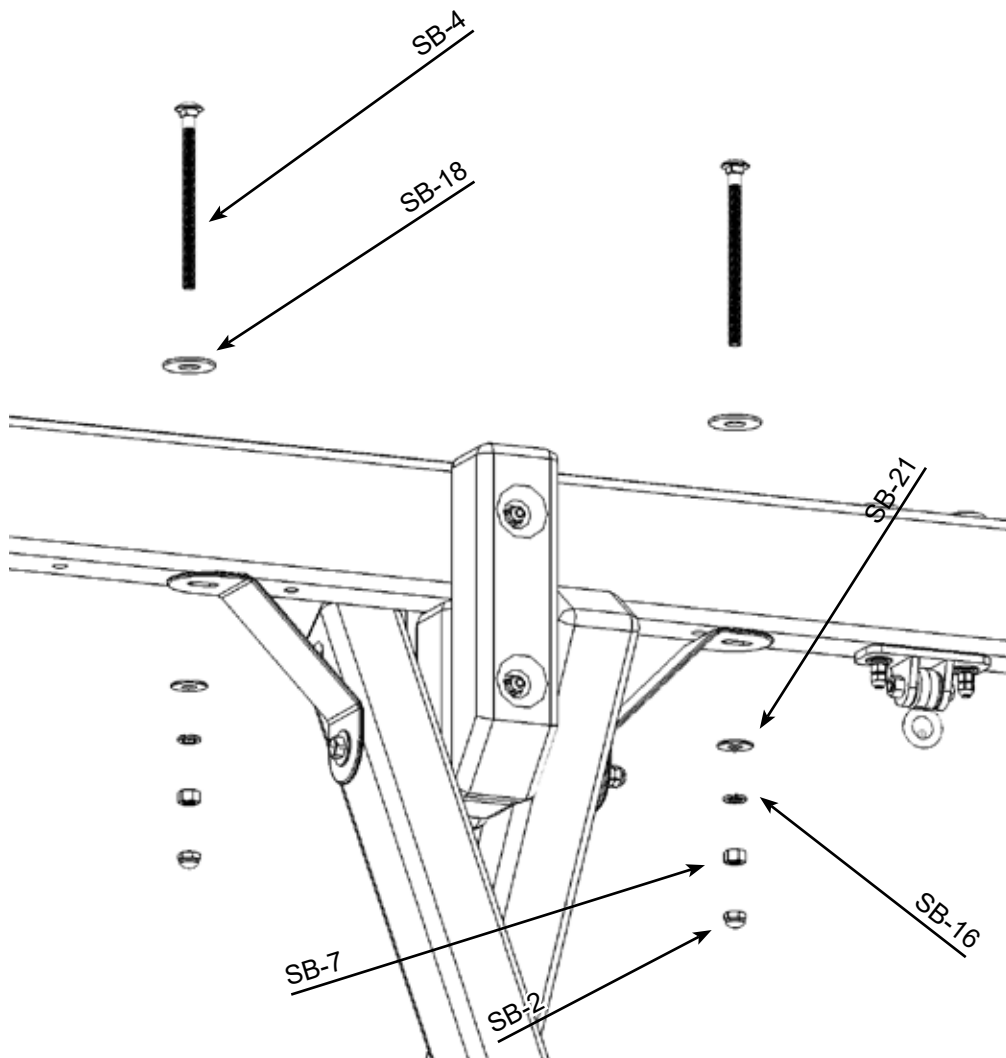
HARDWARE NEEDED

(2) SB-18- 3/4" USS Flatwasher- (2)

(2) SB-16- 1/2" Split Lockwasher- (2)

(2) SB-2- 1/2" Acorn Nut Plated- (2)

(8) I-1- 1/4" USS Flatwasher- (8)



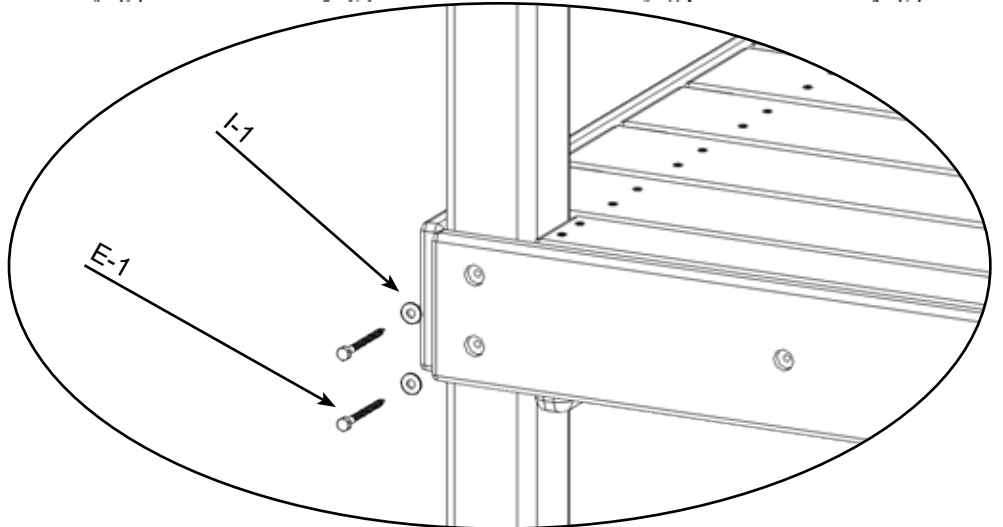
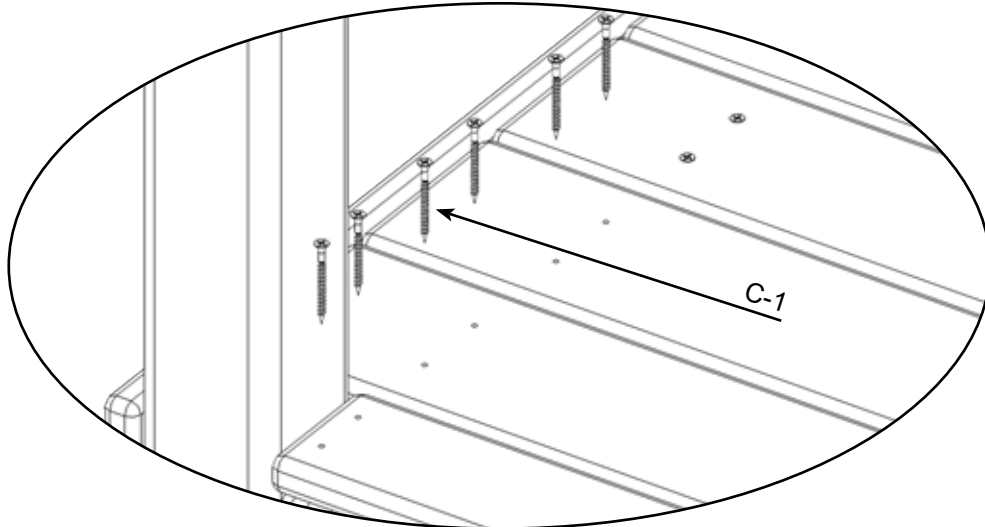
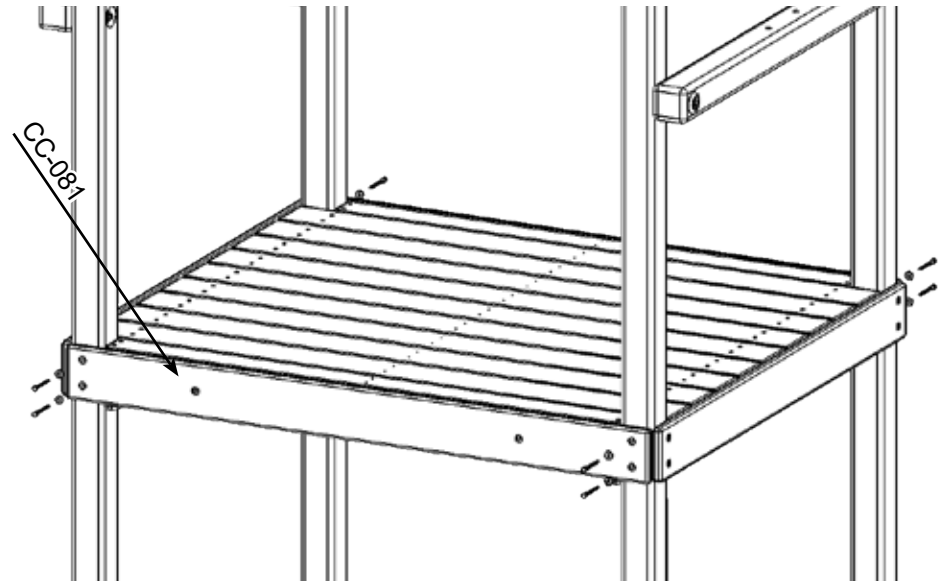
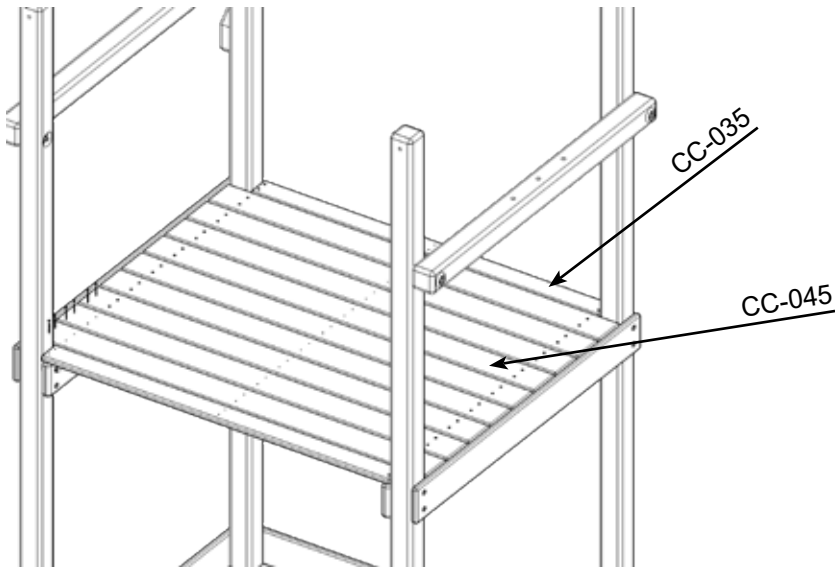
5.0 PIF Main Assembly

PARTS NEEDED

CC-035- 53 1/2" End Deck Board-	(2)
CC-045- 60 1/4" Deck & Picnic Board-	(9)
CC-081- 60 1/4" 6- Hole Deck Facia-	(2)

HARDWARE NEEDED

C-1- 2" Coated Deck Screw-	(44)
I-1- 1/4" USS Flatwasher-	(8)
E-1- 1/4" x 3" Hex Lag Screw-	(8)



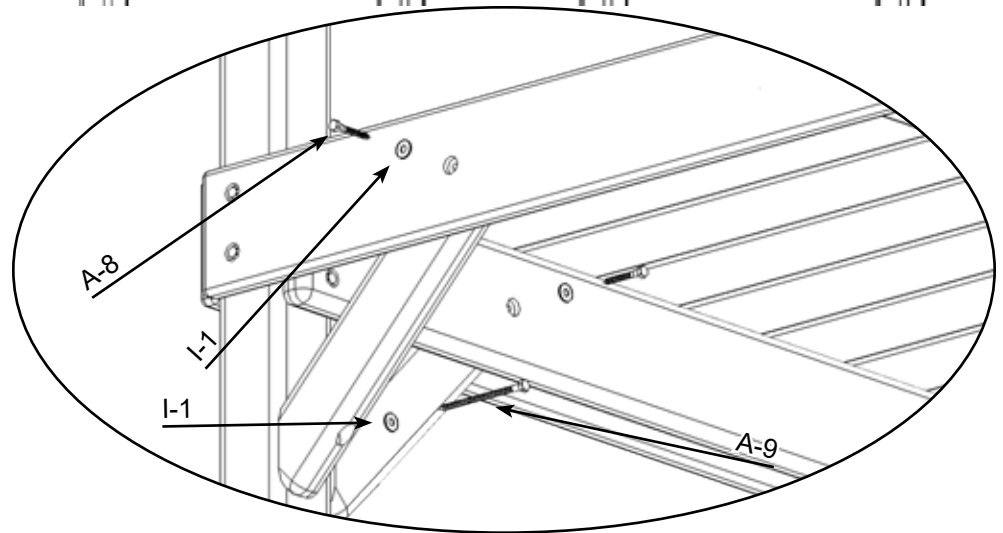
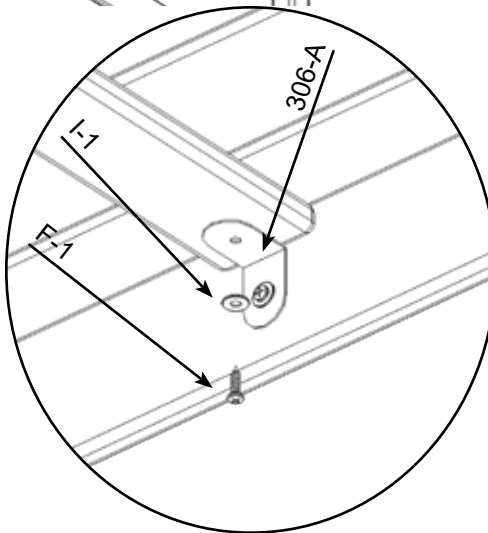
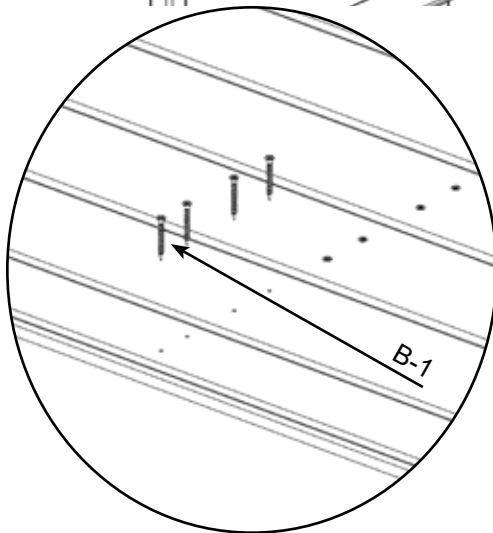
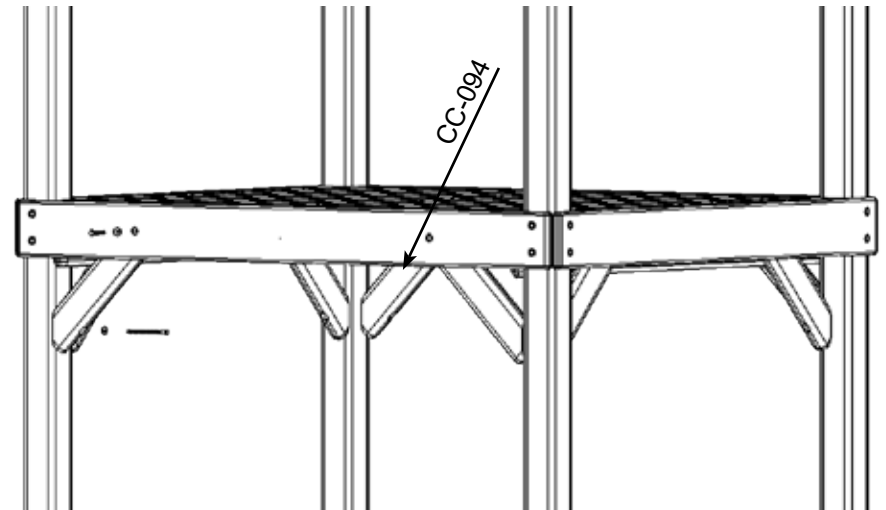
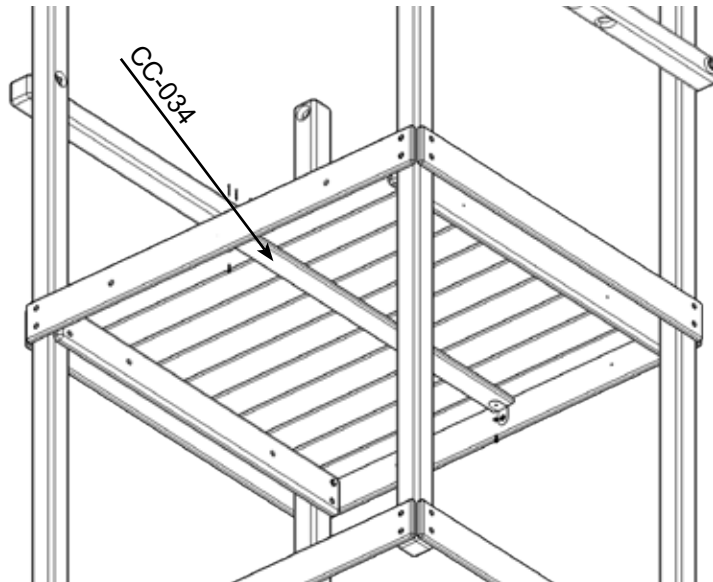
5.0 PIF Main Assembly

PARTS NEEDED

CC-034- 51 1/8" Deck Support-	(1)
CC-094- 18" Gusset-	(8)
306-A- 90 Degree Bracket-	(2)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw-	(11)
I-1- 1/4" USS Flatwasher-	(20)
F-1- #14 x 1" Pan Phillips T/S-	(4)
A-8- 1/4" x 2" Hex Lag Screw-	(8)
A-9- 1/4" x 4 1/2" Hex Lag Screw-	(8)



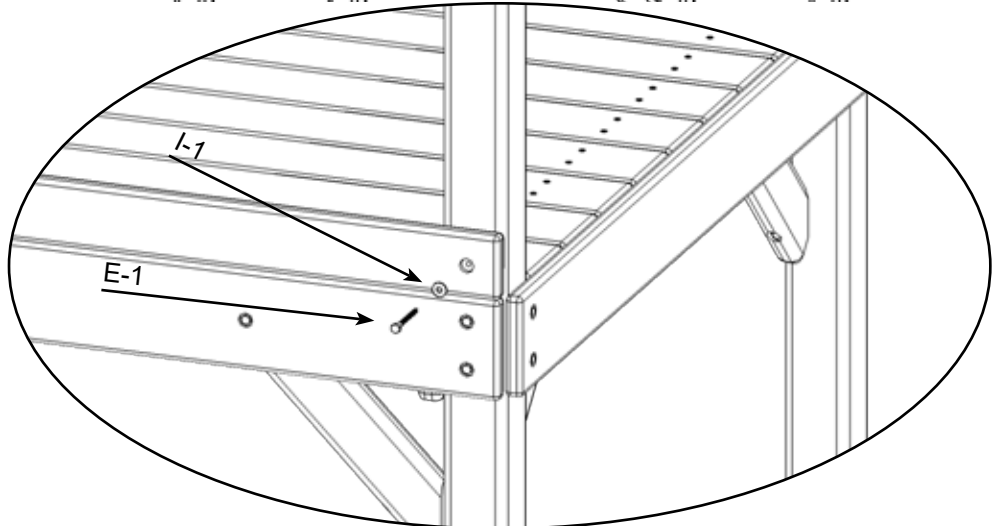
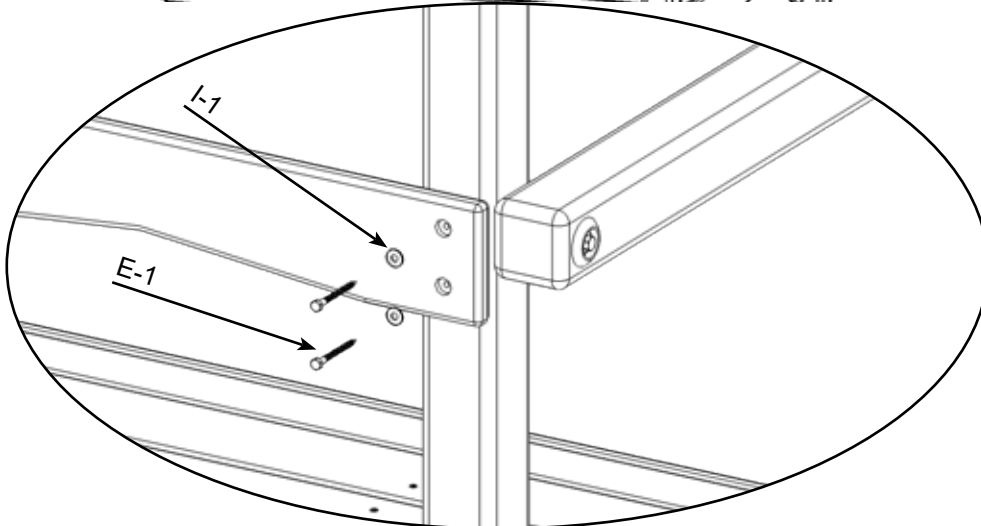
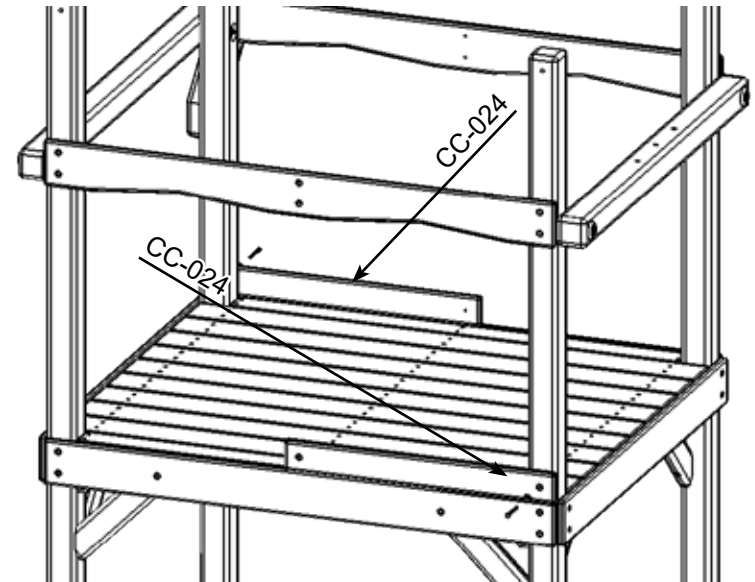
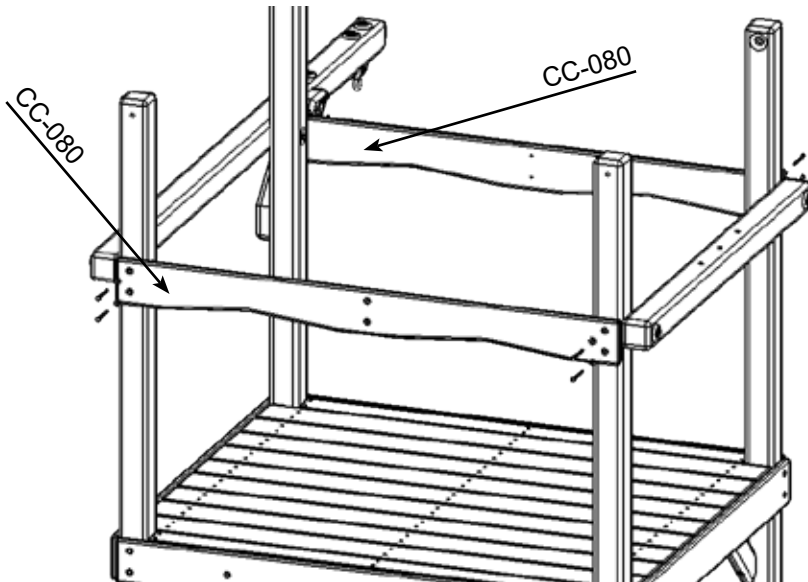
5.0 PIF Main Assembly

PARTS NEEDED

CC-080- 60 1/4" 6-Hole Arch Facia- (2)
CC-024- 31 13/16" Corner Facia- (2)

HARDWARE NEEDED

I-1- 1/4" USS Flatwasher- (10)
E-1- 1/4" x 3" Hex Lag Screw- (10)



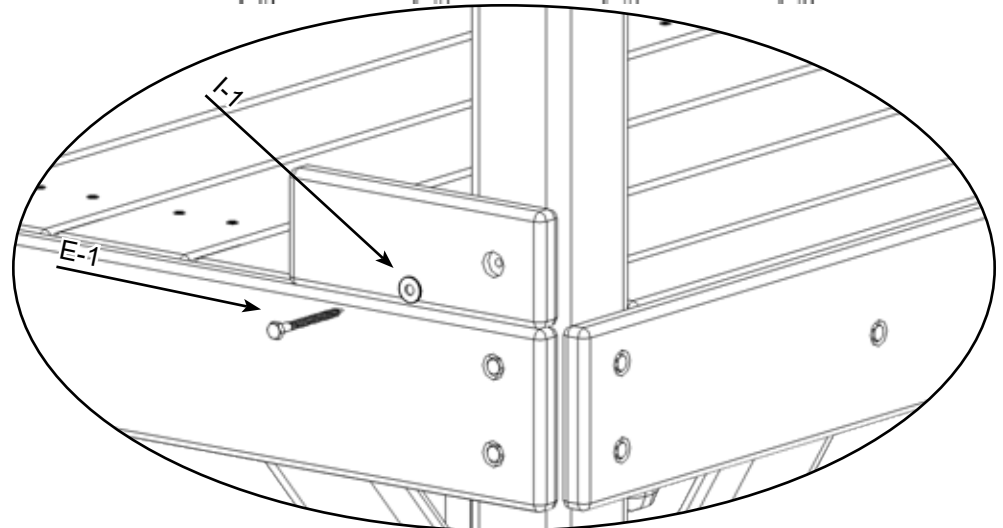
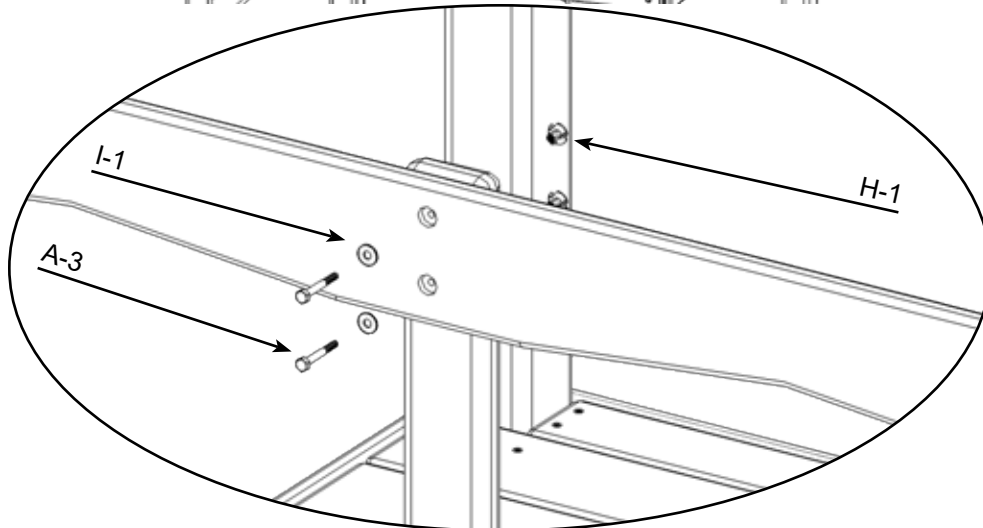
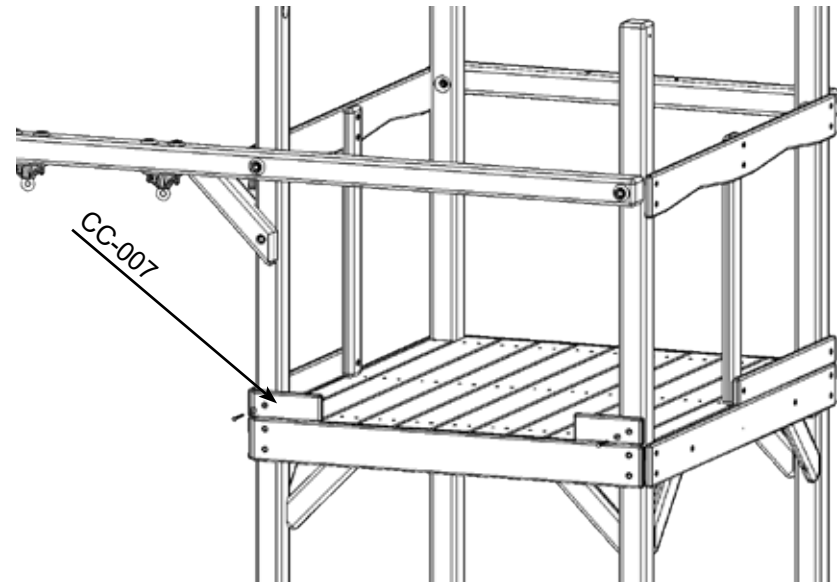
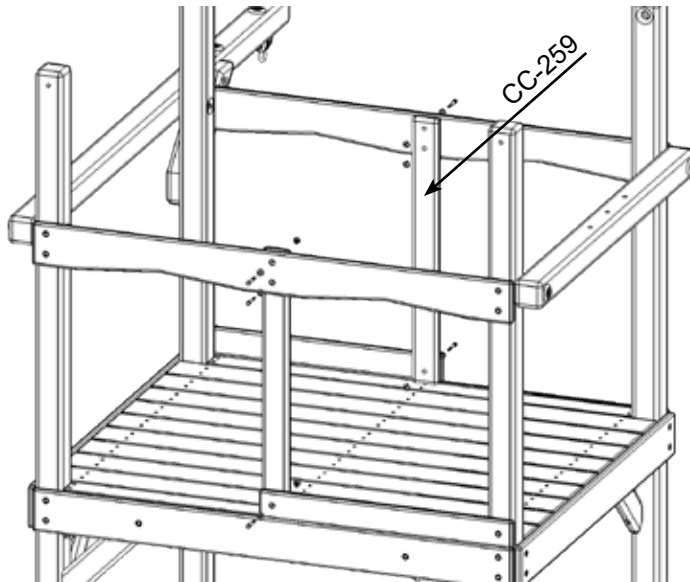
5.0 PIF Main Assembly

PARTS NEEDED

CC-259- 33 5/16" Center Post- (2)
CC-007- 9" Small Corner Facia- (2)

HARDWARE NEEDED

A-3- 1/4" x 2" Hex Bolt- (6)
I-1- 1/4" USS Flatwasher- (8)
H-1- 1/4" T-Nut- (6)
E-1- 1/4" x 3" Hex Lag Screw- (2)



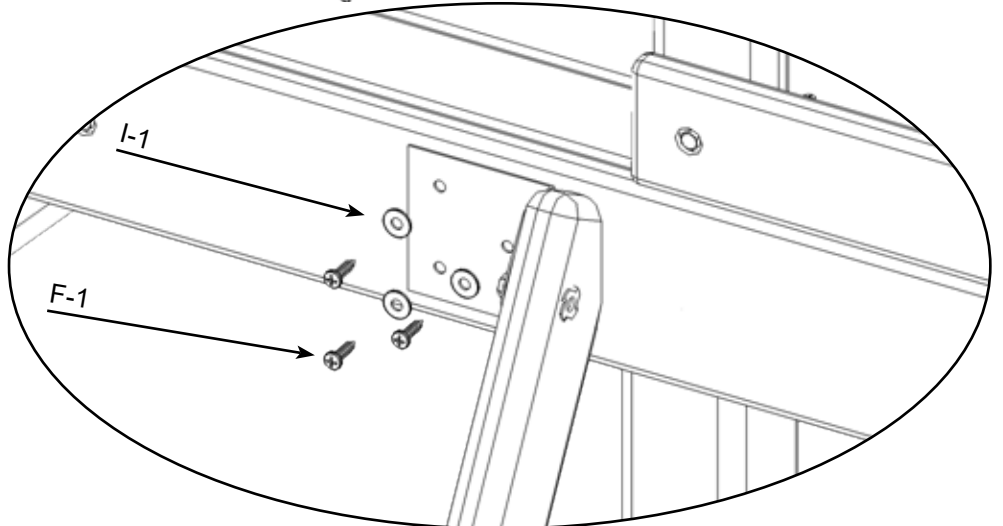
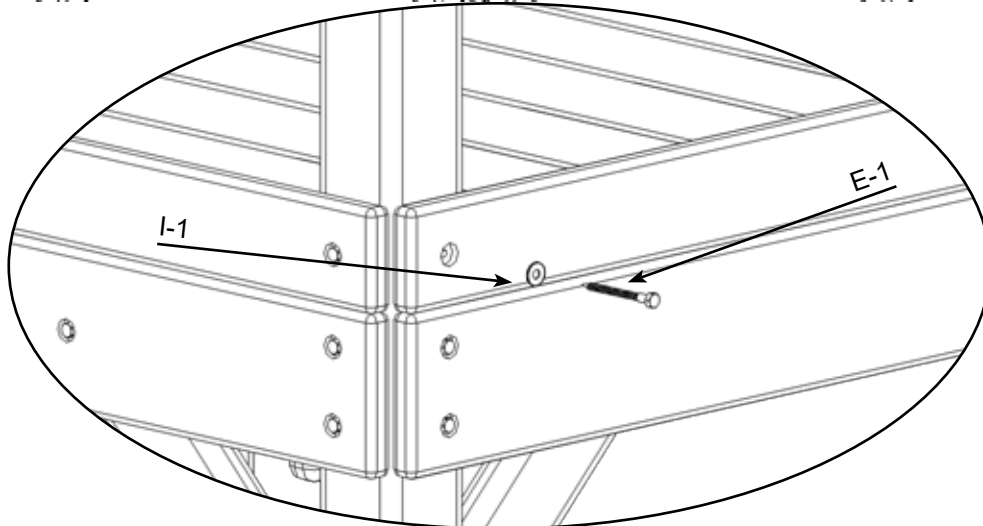
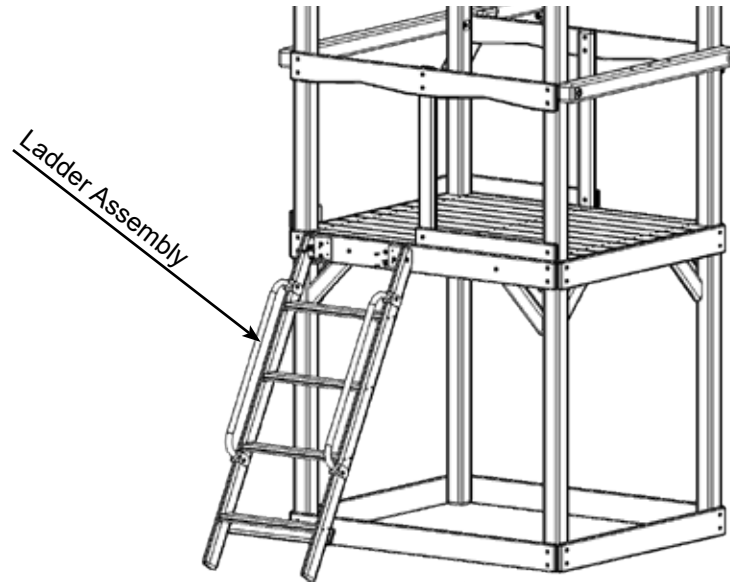
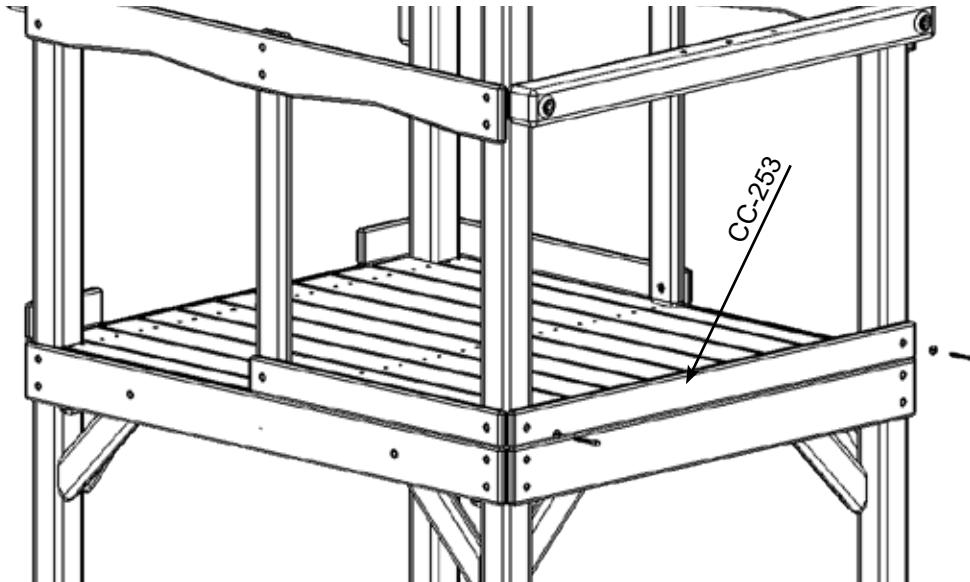
5.0 PIF Main Assembly

PARTS NEEDED

CC-253- 51 1/8" SB Rail Facia- (1)
Ladder Assembly- (1)

HARDWARE NEEDED

I-1- 1/4" USS Flatwasher- (8)
E-1- 1/4" x 3" Hex Lag Screw- (2)
F-1- #14 x 1" Pan Phillips T/S- (6)



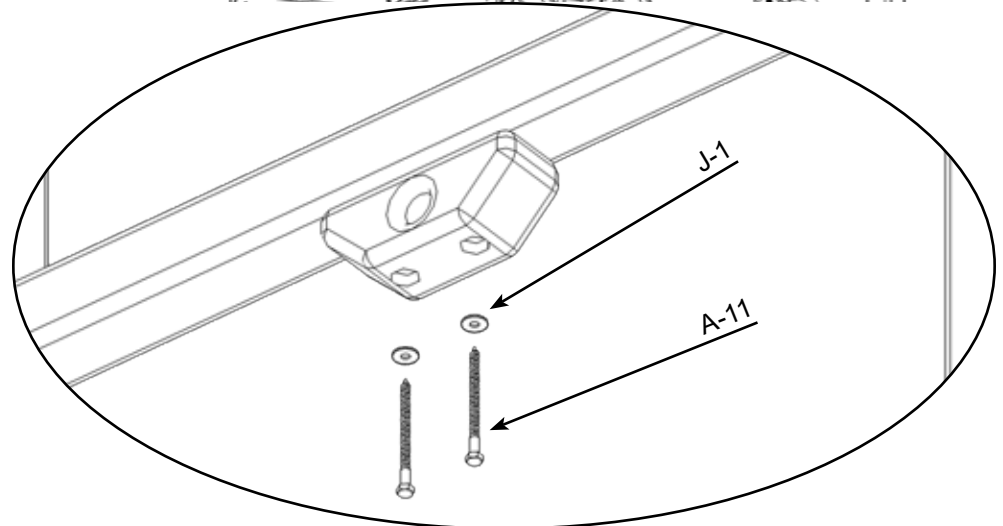
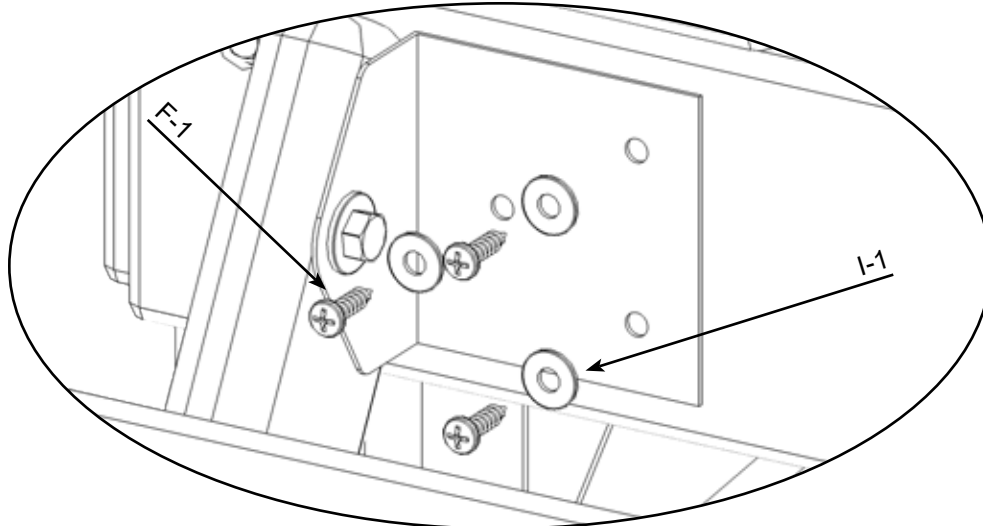
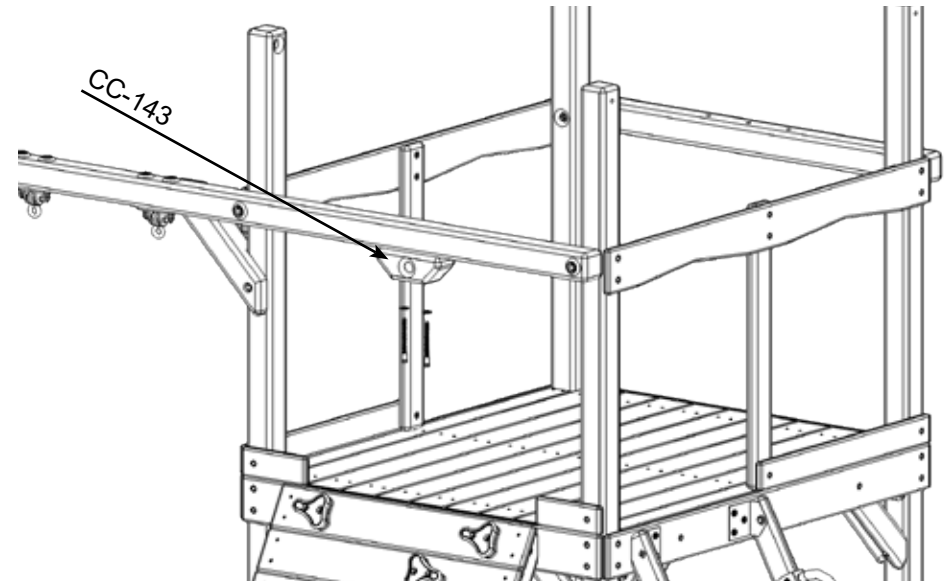
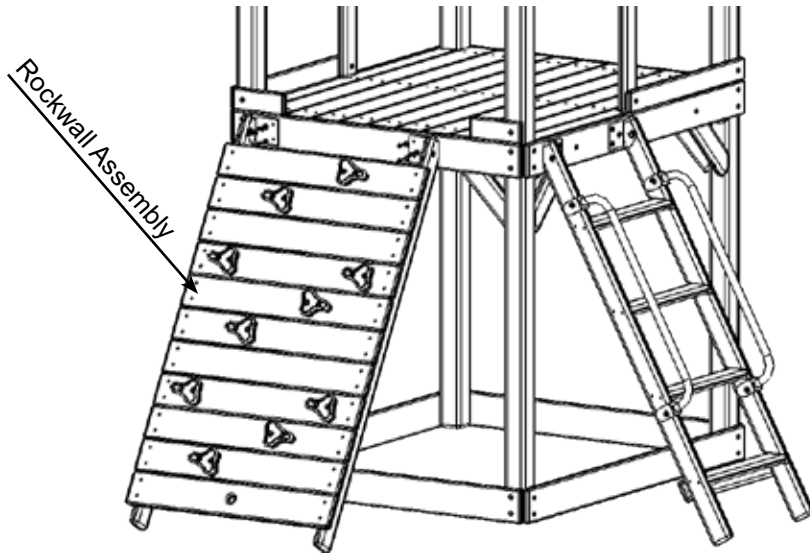
5.0 PIF Main Assembly

PARTS NEEDED

Rockwall Assembly- (1)
CC-143- 9" Rockwall Block- (1)

HARDWARE NEEDED

F-1- #14 x 1" Pan Phillips T/S- (6)
I-1- 1/4" USS Flatwasher- (6)
J-1- 3/8" USS Flatwasher- (2)
A-11- 3/8" x 5" Hex Lag Screw- (2)



5.0 PIF Main Assembly

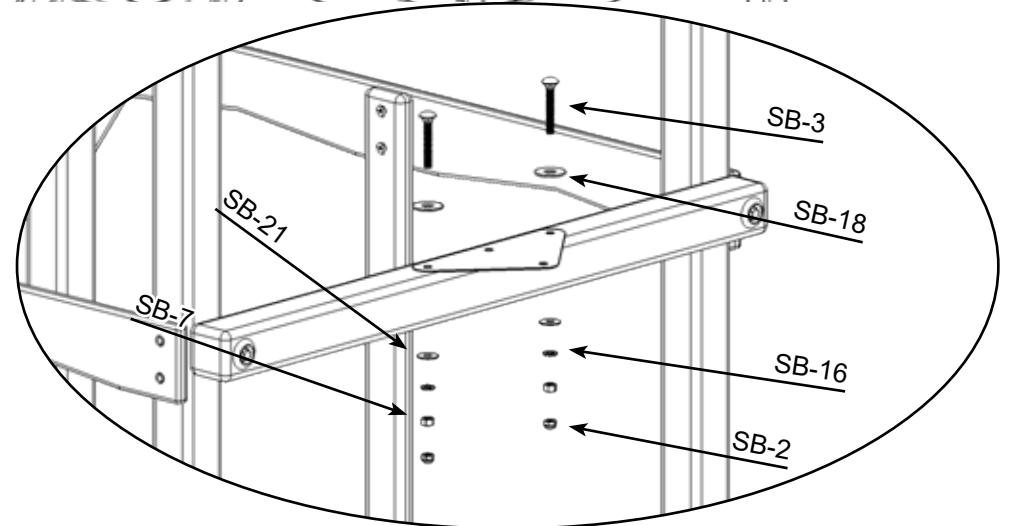
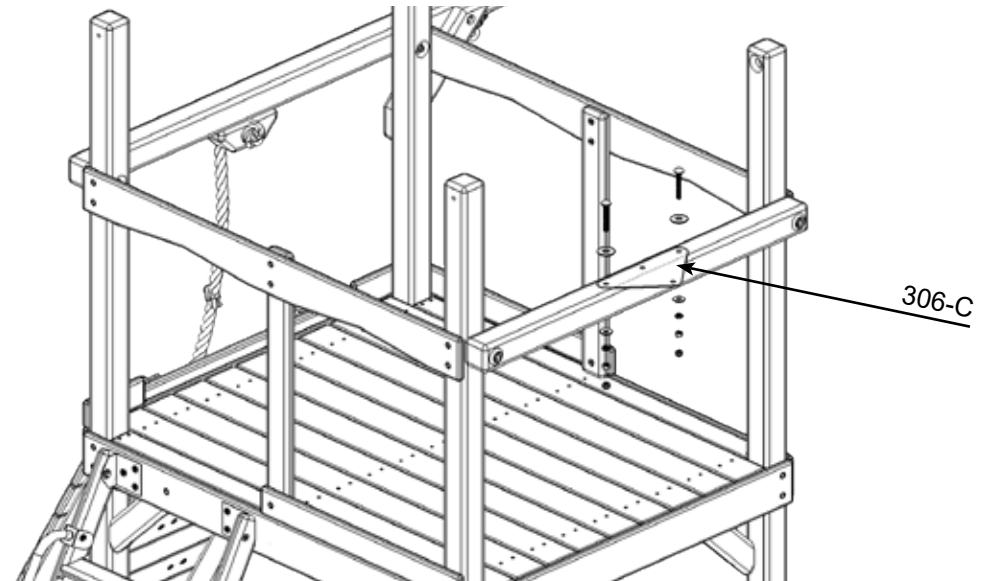
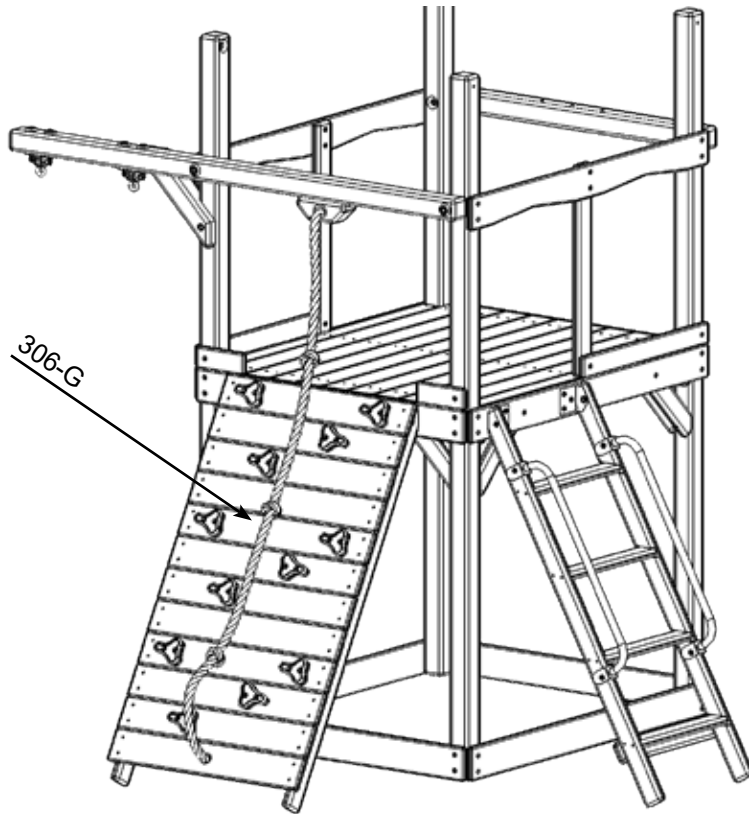
PARTS NEEDED

306-G- 14' Rope- (1)
306-C- Swingbeam Tri-Plate- (1)

SB-3- 1/2" x 3 1/2" Carriage Bolt- (2)
SB-21- 1/2" USS Flatwasher- (2)
SB-7- 1/2" Hex Nut- (2)

HARDWARE NEEDED

SB-18- 3/4" USS Flatwasher- (2)
SB-16- 1/2" Split Lockwasher- (2)
SB-2- 1/2" Acorn Nut Plated- (2)



5.0 PIF Main Assembly

PARTS NEEDED

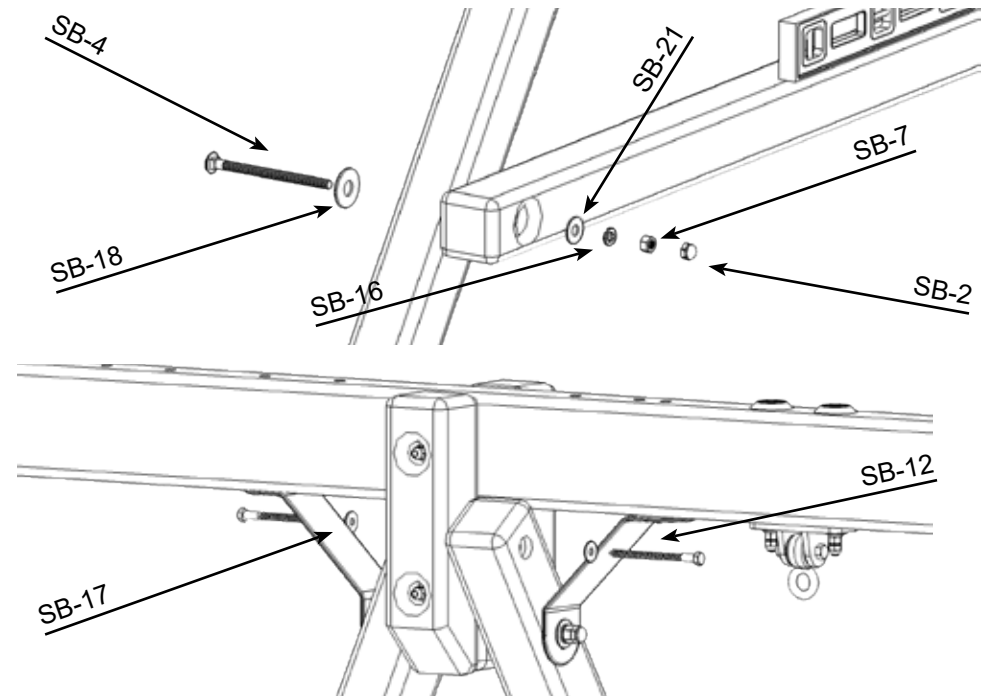
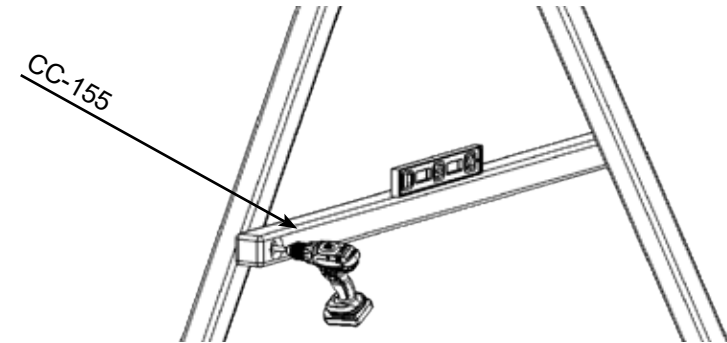
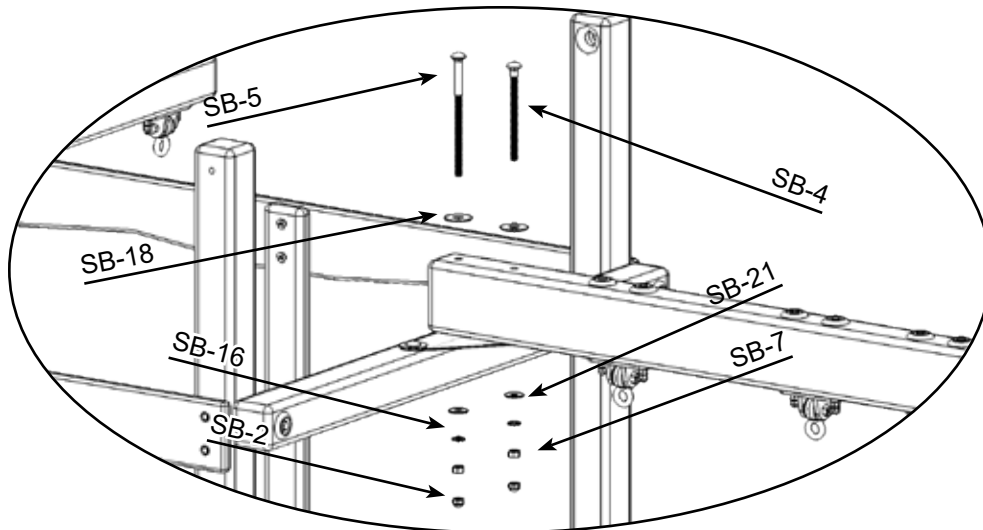
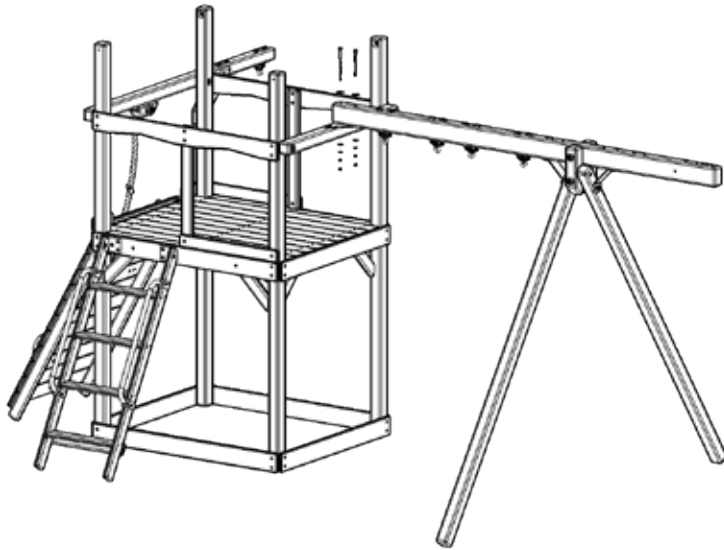
Swingbeam Assembly-
CC-155- 70" Crossmember-

(1)
(1)

SB-5- 1/2" x 9" Carriage Bolt-
SB-18- 3/4" USS Flatwasher-
SB-16- 1/2" USS Flatwasher-
SB-2- 1/2" Acorn Nut-
SB-12- 3/8" x 5" Hex Lag Screw-

HARDWARE NEEDED

(1) SB-4- 1/2" x 7" Carriage Bolt- (3)
(4) SB-21- 1/2" USS Flatwasher- (4)
(4) SB-7- 1/2" Hex Nut- (4)
(4) SB-17- 3/8" USS Flatwasher- (2)



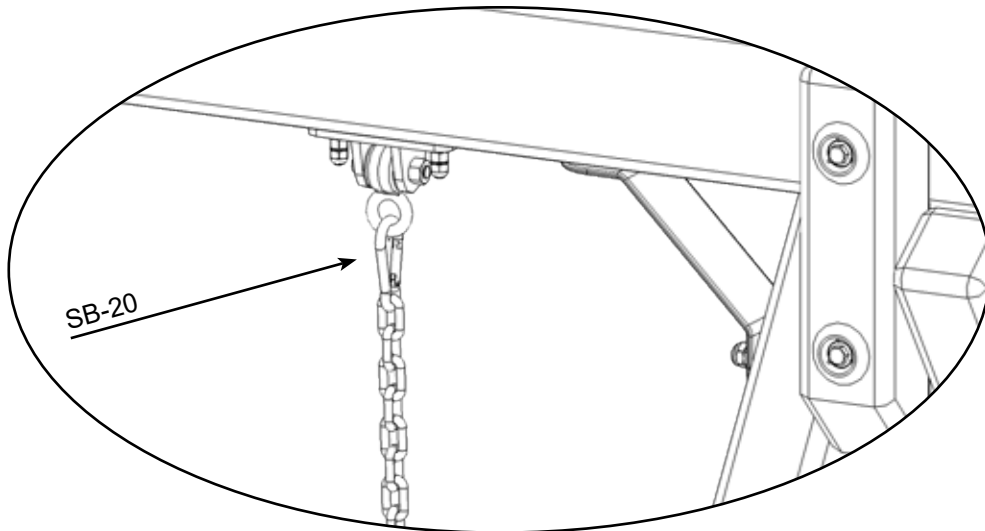
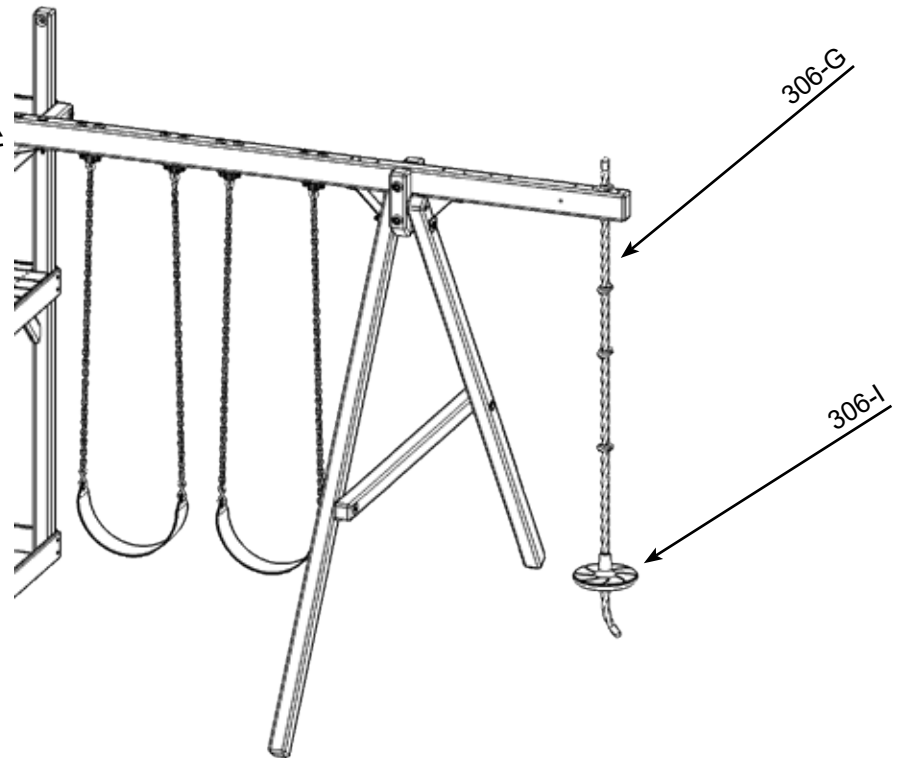
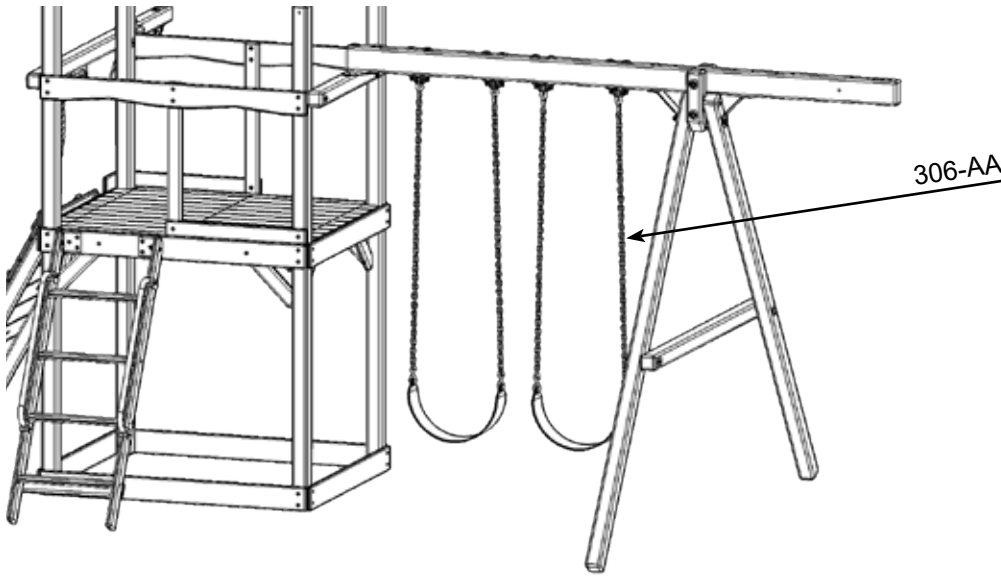
5.0 PIF Main Assembly

PARTS NEEDED

306-AA- 66" Chained Belt Swing- (2)
306-G- 14' Rope- (1)
306-I- Disc Swing- (1)

HARDWARE NEEDED

SB-20- 8 x 80mm Spring Clip- (4)



SLIP THE ROPE THROUGH THE SWINGBEAM AND TIE A KNOT. THEN TIE A KNOT EVERY 3 TO 4 FEET UNTIL YOU PLACE THE 306-I ON THE ROPE AND TIE A DOUBLE KNOT KEEPING IT IN PLACE

5.0 PIF Main Assembly

PARTS NEEDED

306-K- Spring Anchor- (4)

HARDWARE NEEDED

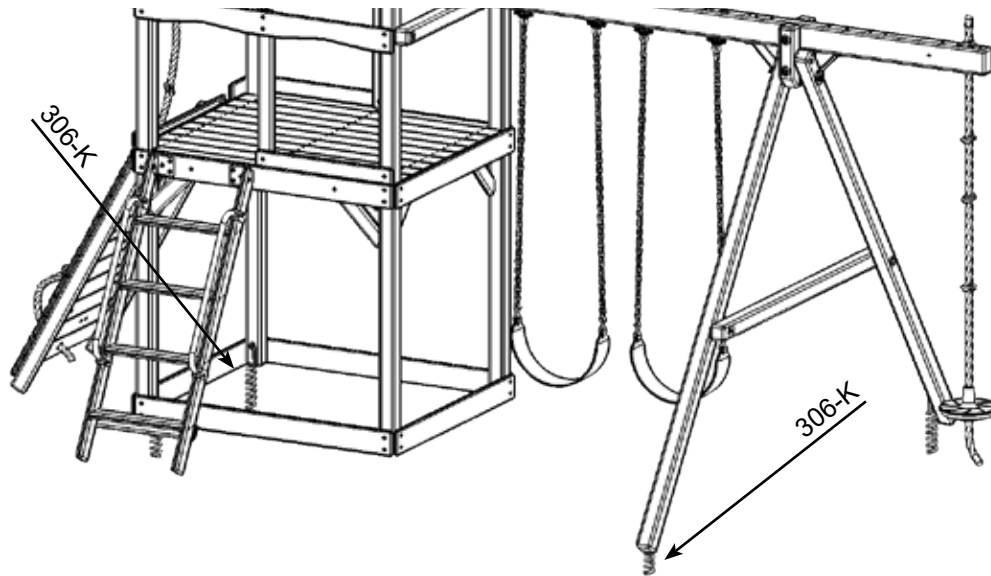
J-1- 3/8" USS Flatwasher- (4)

A-10- 3/8" x 3 1/2" Hex Lag Screw- (4)

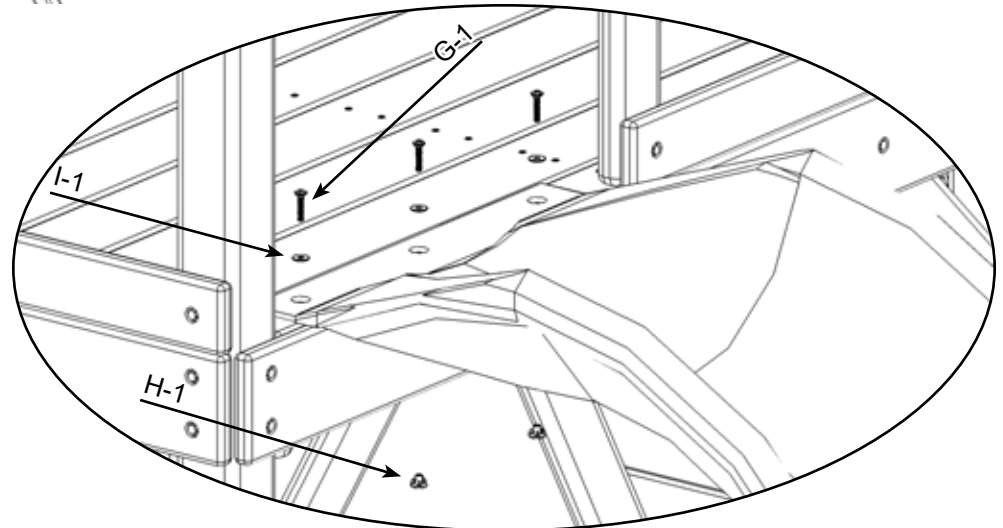
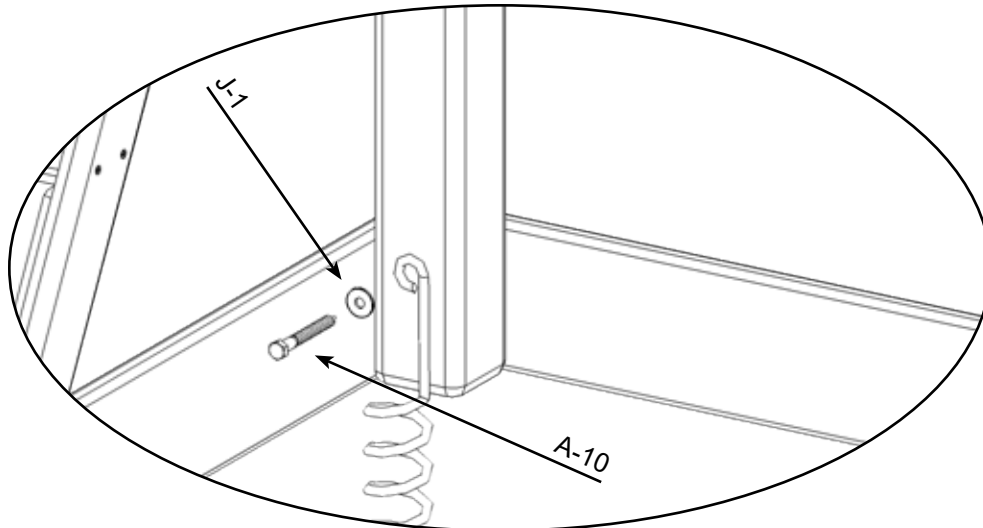
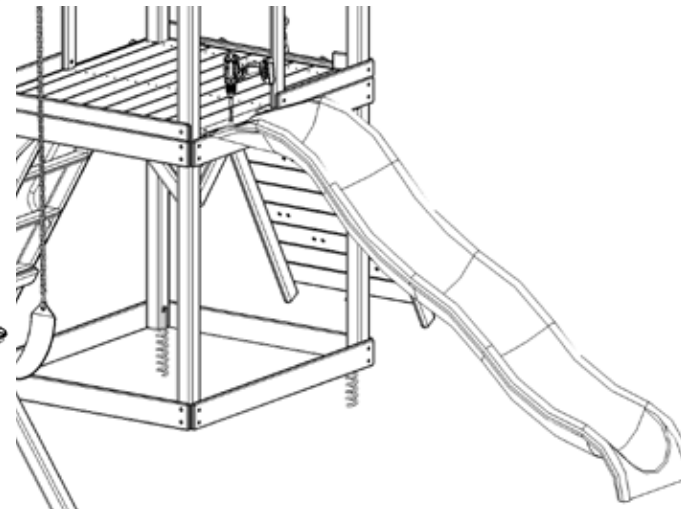
G-1- 1/4" x 1 1/4" Pan Phillips M/S- (3)

I-1- 1/4" USS Flatwasher- (3)

H-1- 1/4" T-Nut- (3)



USE A 1/4" DRILL BIT TO DRILL HOLES FOR THE SLIDE TO ATTACH



5.0 PIF Main Assembly

PARTS NEEDED

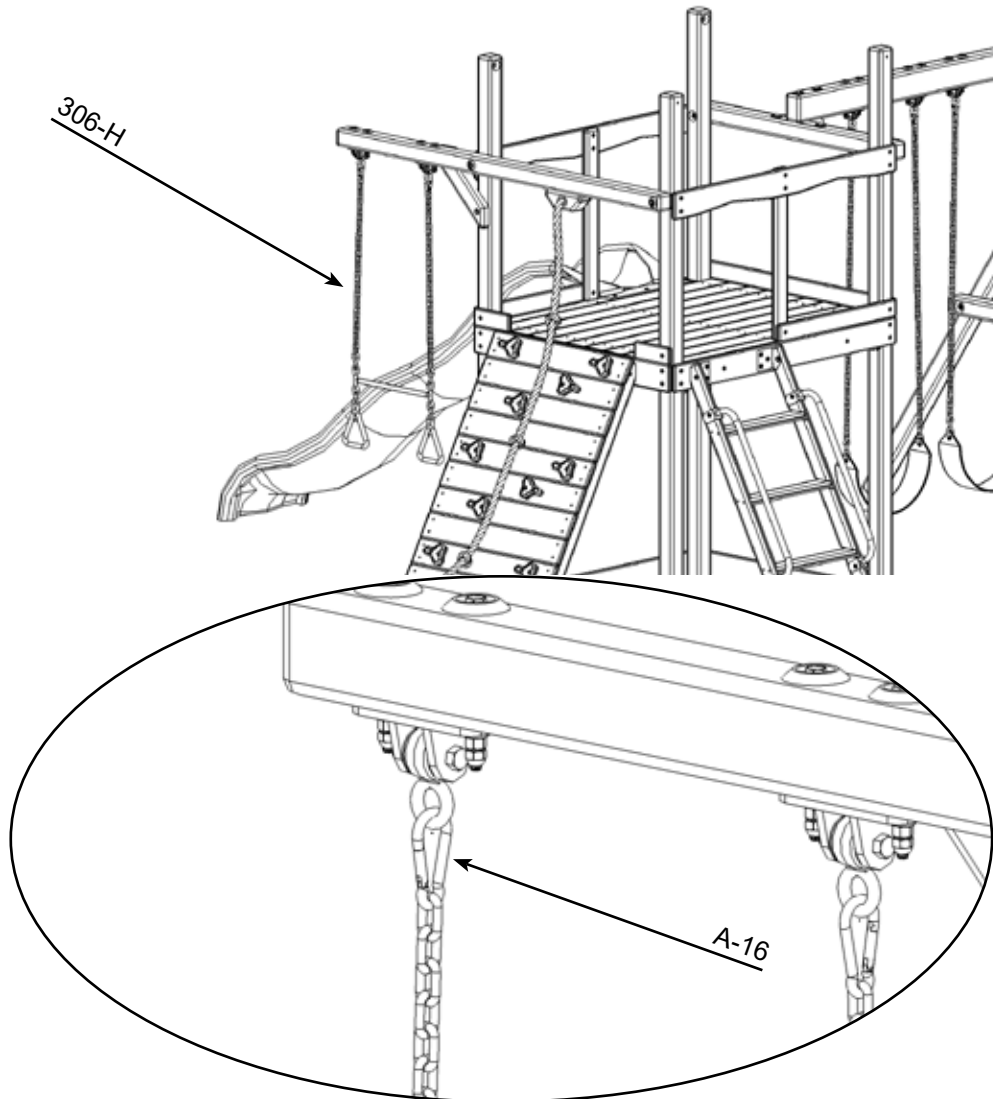
306-H- 16" Trapeze Bar-

(1)

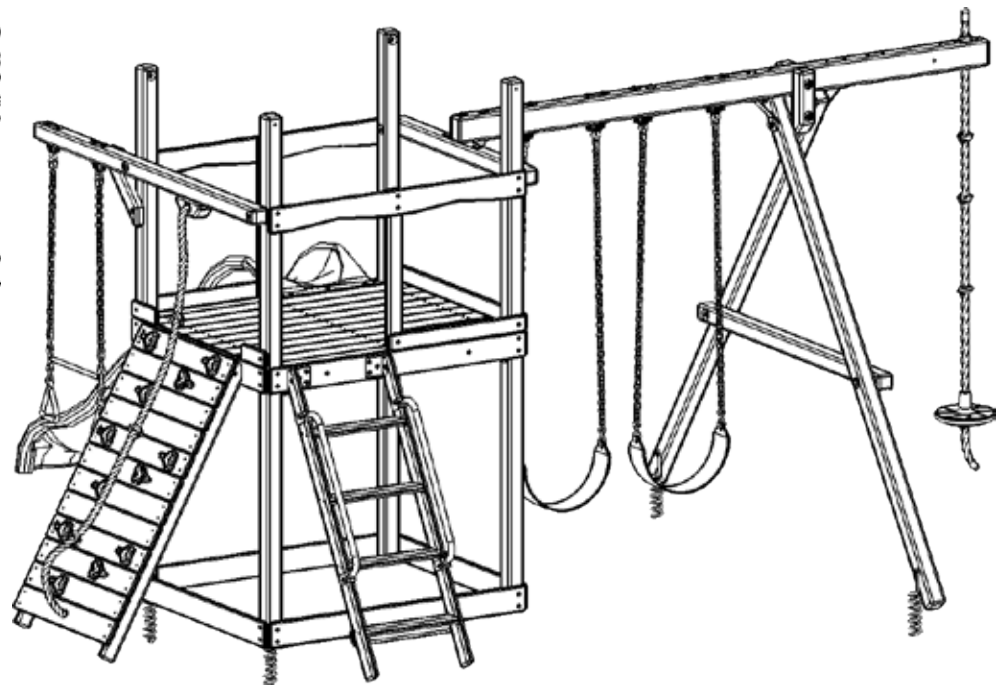
HARDWARE NEEDED

A-16- 8 x 80mm Spring Clip-

(2)



FINISHED MAIN ASSEMBLY



Picnic Table/ Lower Floor Assemblies

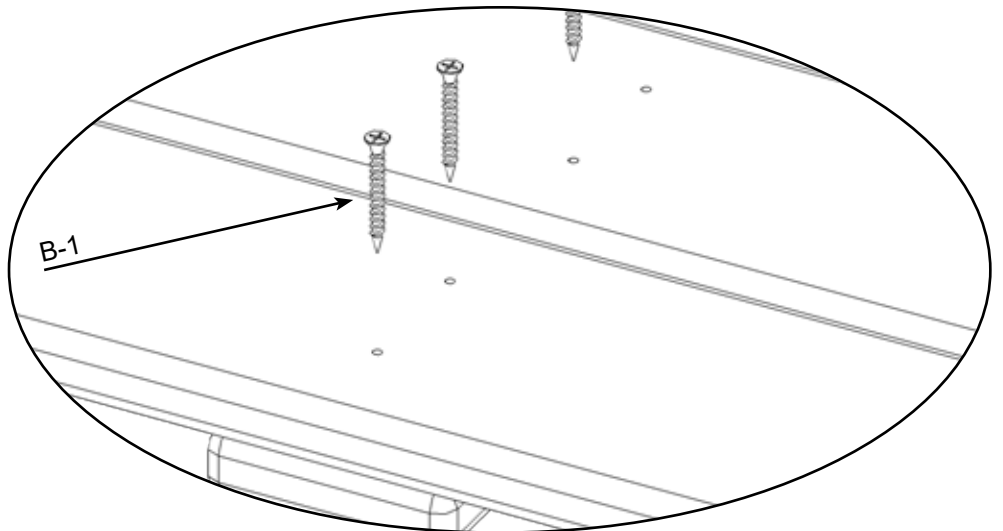
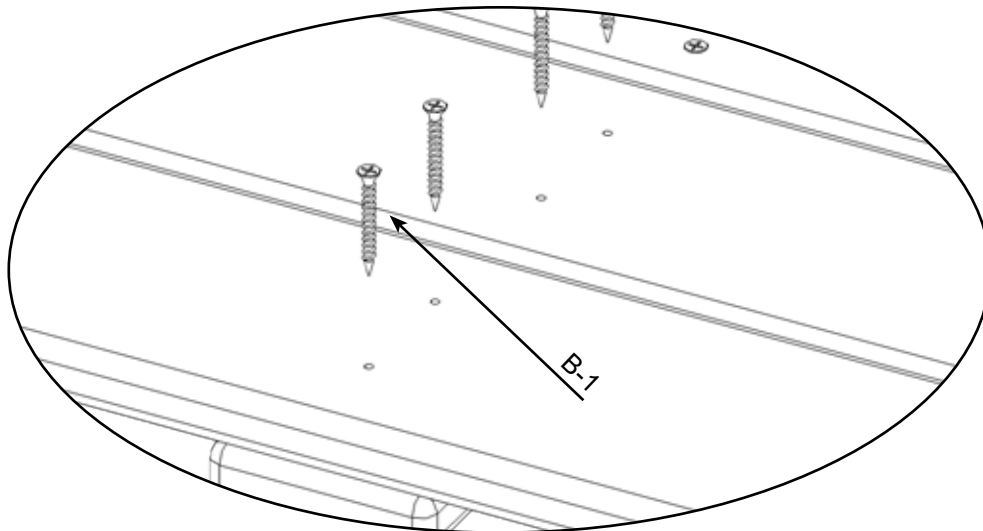
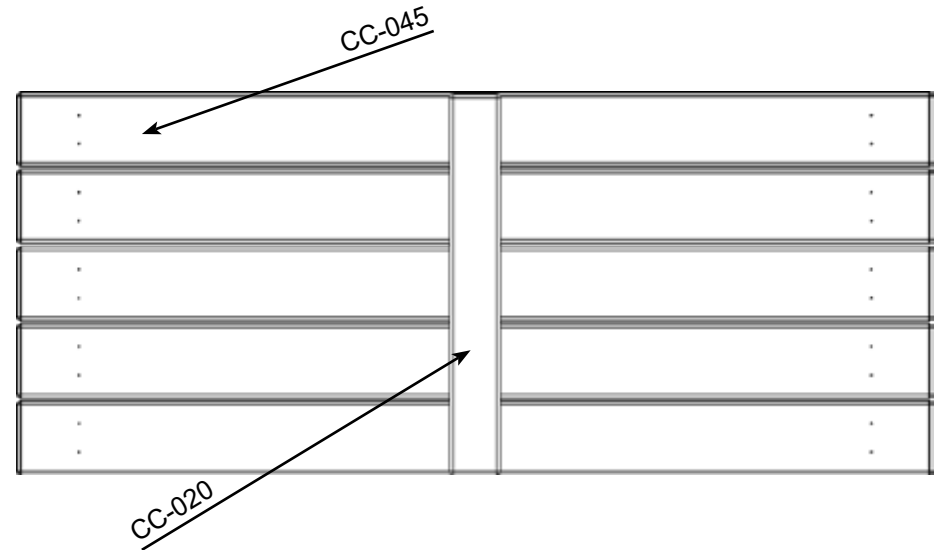
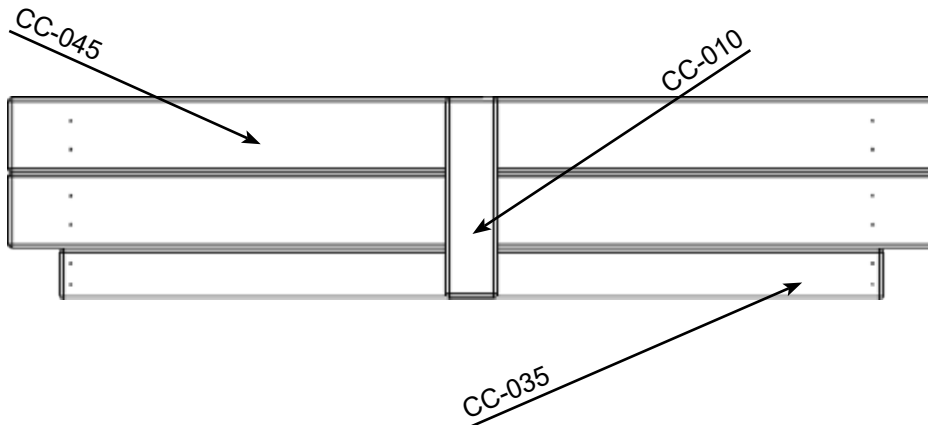
PARTS NEEDED

CC-010- 13" Picnic Seat Support-	(2)
CC-045- 60 1/4" Deck & Picnic Board-	(9)
CC-035- 53 1/2" End Deck Board-	(2)
CC-020- 25" Picnic Table Support-	(1)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw-	(22)
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MAKE 2 PICNIC/ LOWER FLOOR END ASSEMBLIES



Picnic Table Install (Used for Base Install)

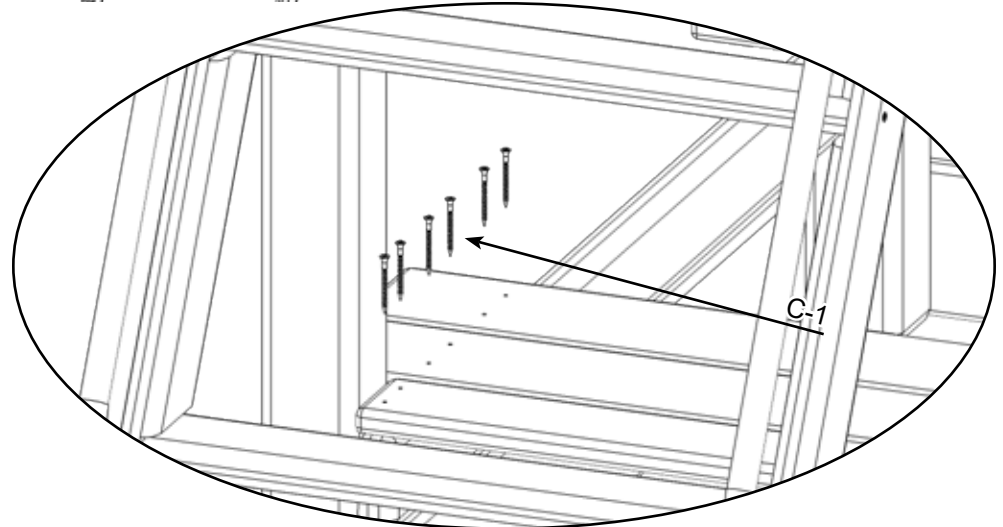
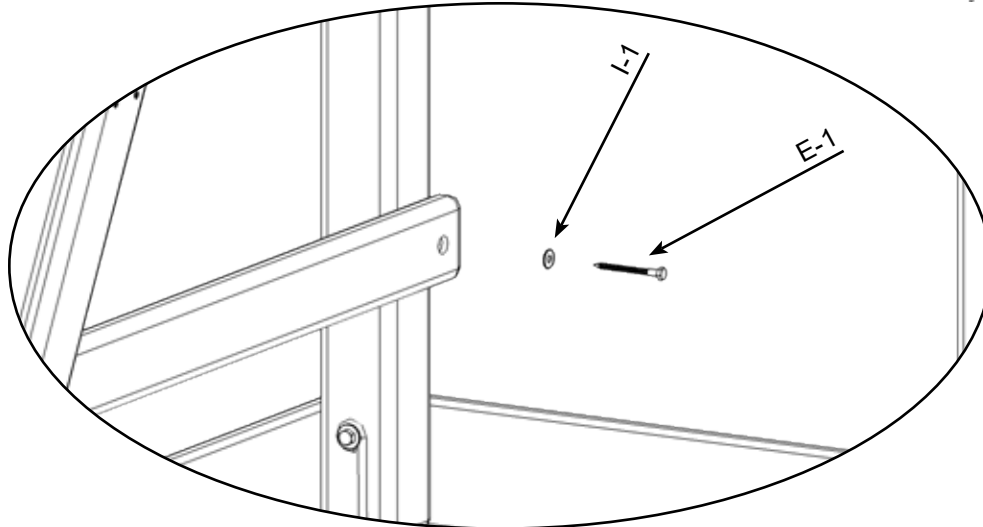
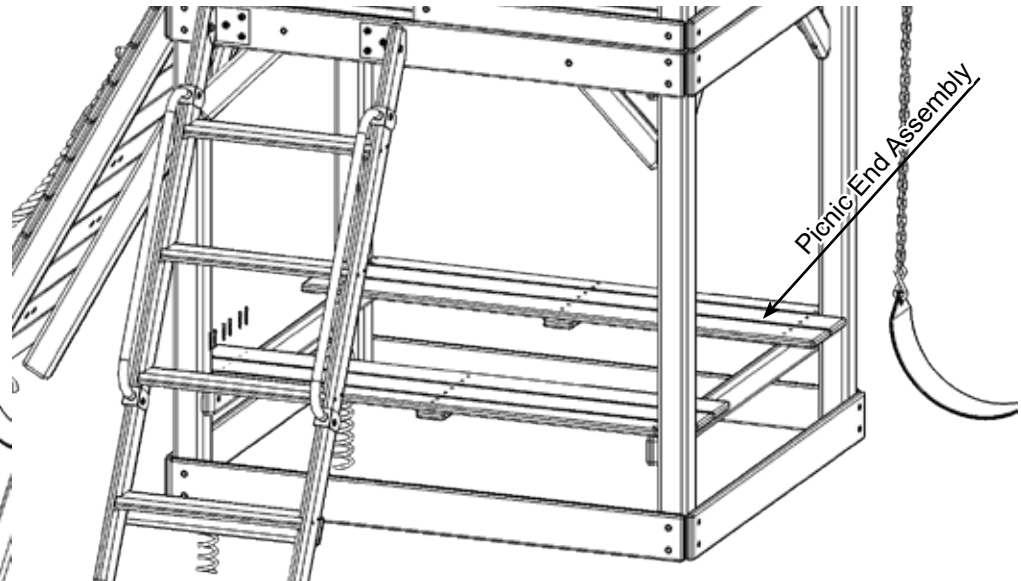
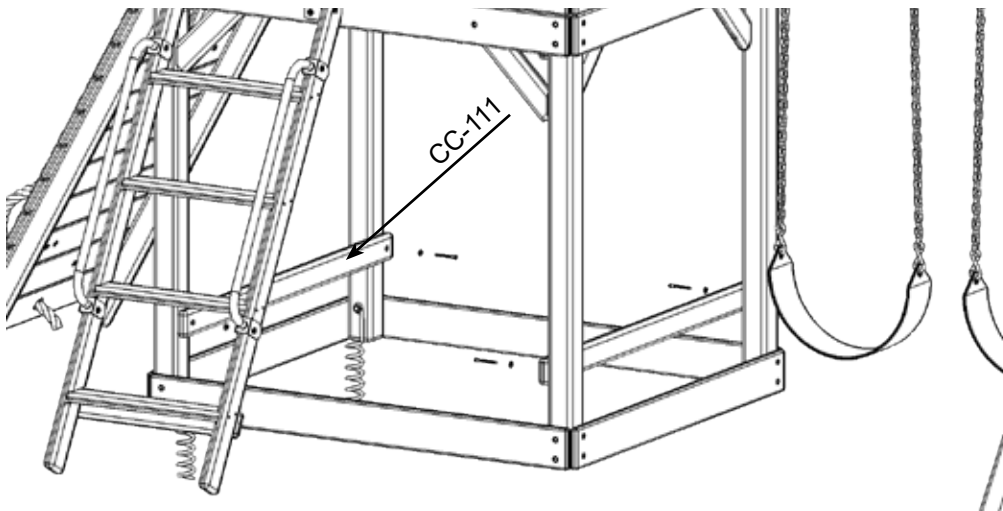
PARTS NEEDED

CC-111- 51 1/8" Picnic Mainbeam- (2)
Picnic End Assembly- (2)

HARDWARE NEEDED

I-1- 1/4" USS Flatwasher- (4)
E-1- 1/4" x 3" Hex Lag Screw- (4)
C-1- 2" Coated Deck Screw- (24)

SUPPORTS ARE 9 7/8" FROM THE GROUND TO THE BOTTOM OF THE SUPPORT



Picnic Table Install (Used for Base Install)

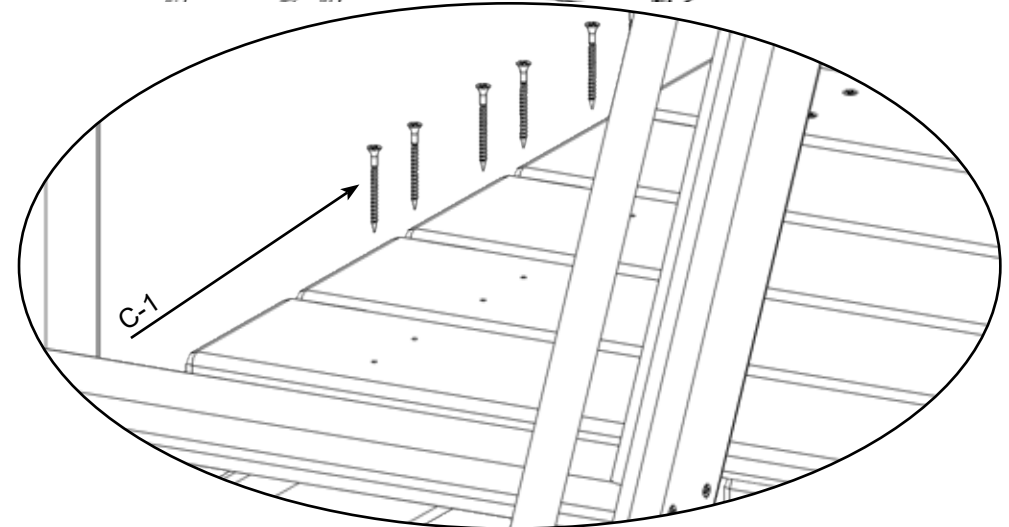
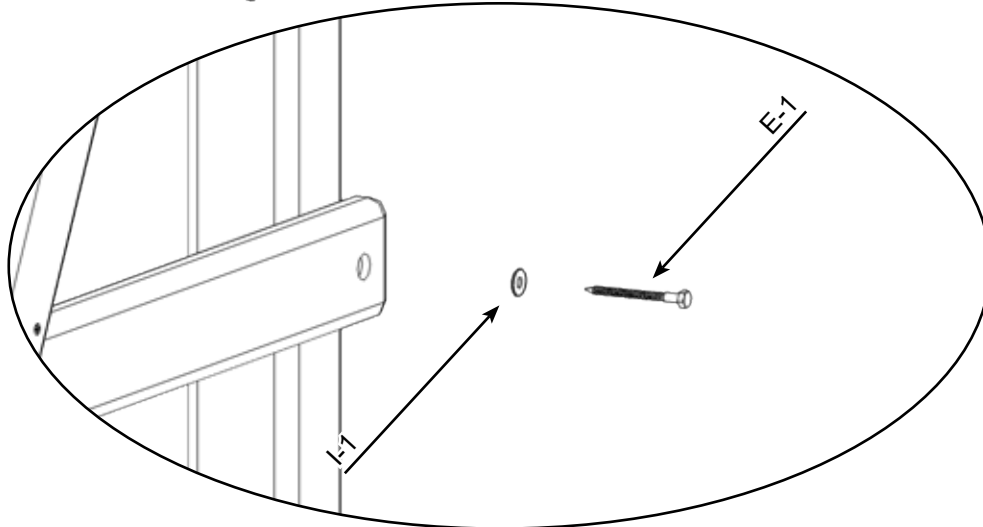
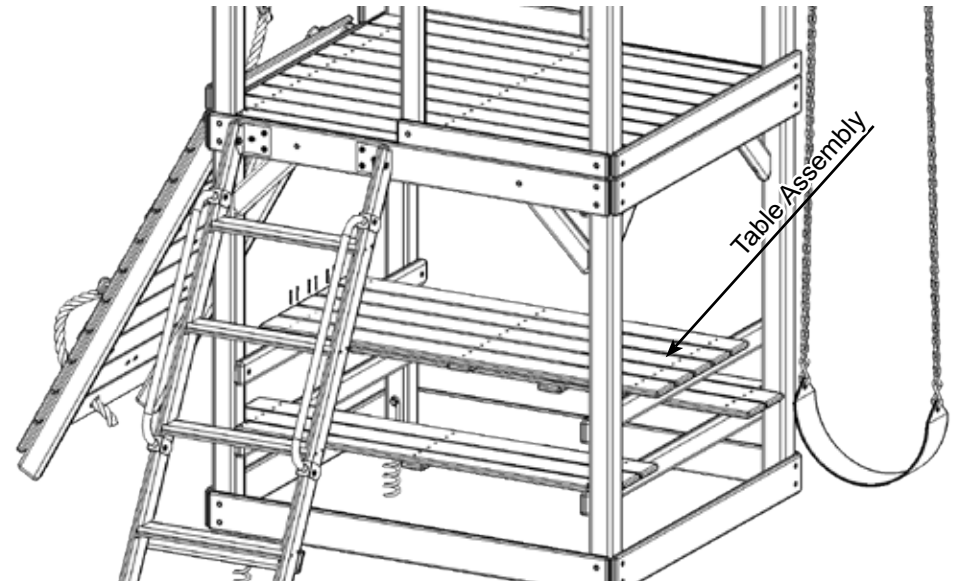
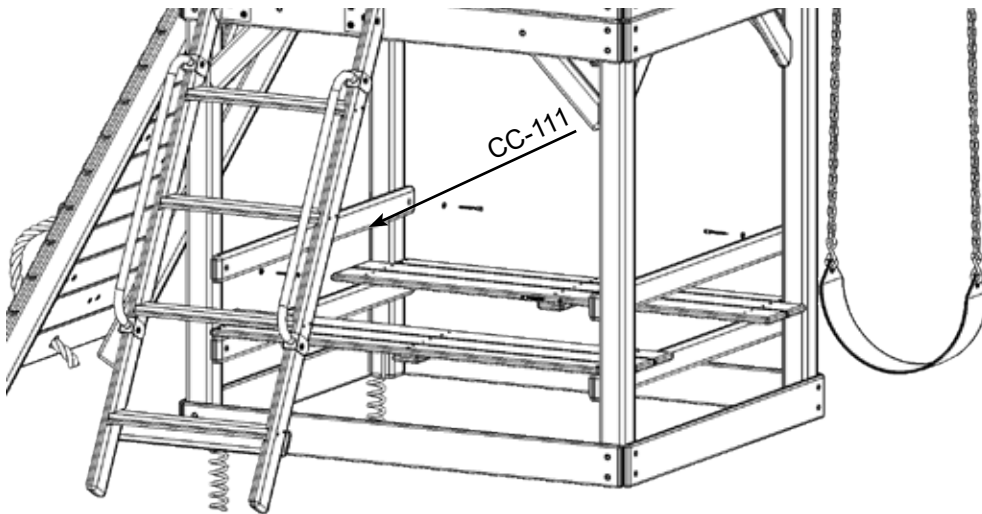
PARTS NEEDED

CC-111- 51 1/8" Picnic Main Beam- (2)
Table Assembly- (1)

HARDWARE NEEDED

I-1- 1/4" USS Flatwasher- (4)
E-1- 1/4" x 3" Hex Lag Screw- (4)
C-1- 2" Coated Deck Screw- (20)

SUPPORTS ARE 20 1/4" FROM THE GROUND TO THE BOTTOM OF THE SUPPORT



Picnic Table Install (Used for Base Install)

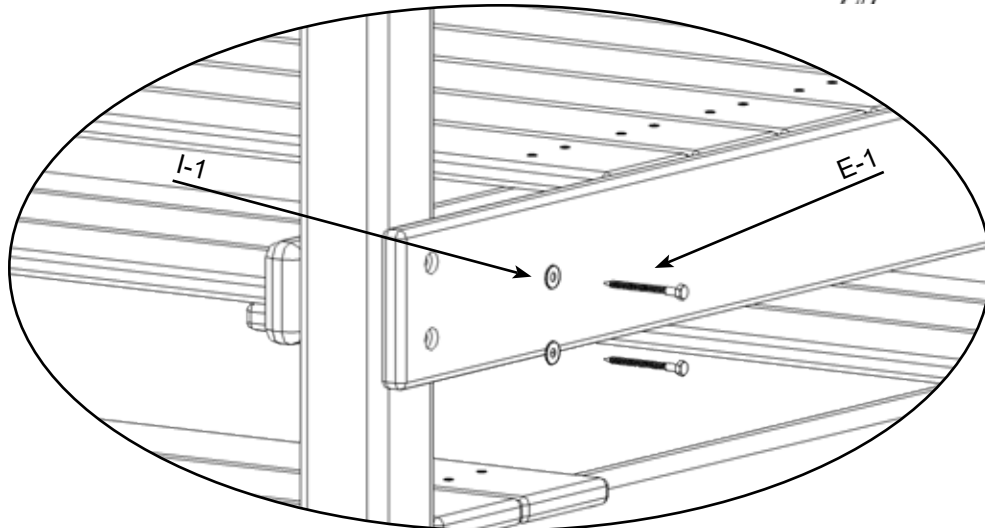
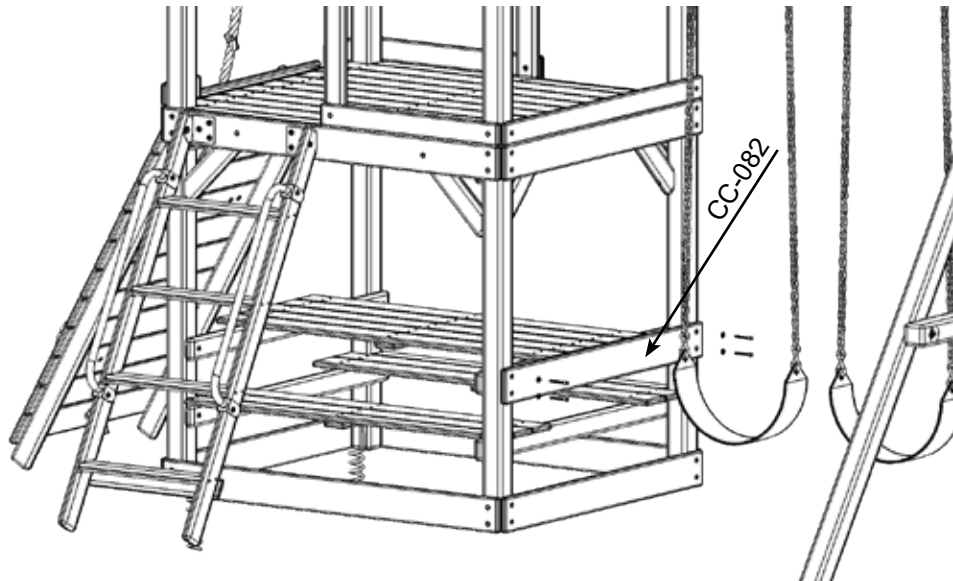
PARTS NEEDED

CC-082- 51 1/8" 4- Hole Facia- (1)

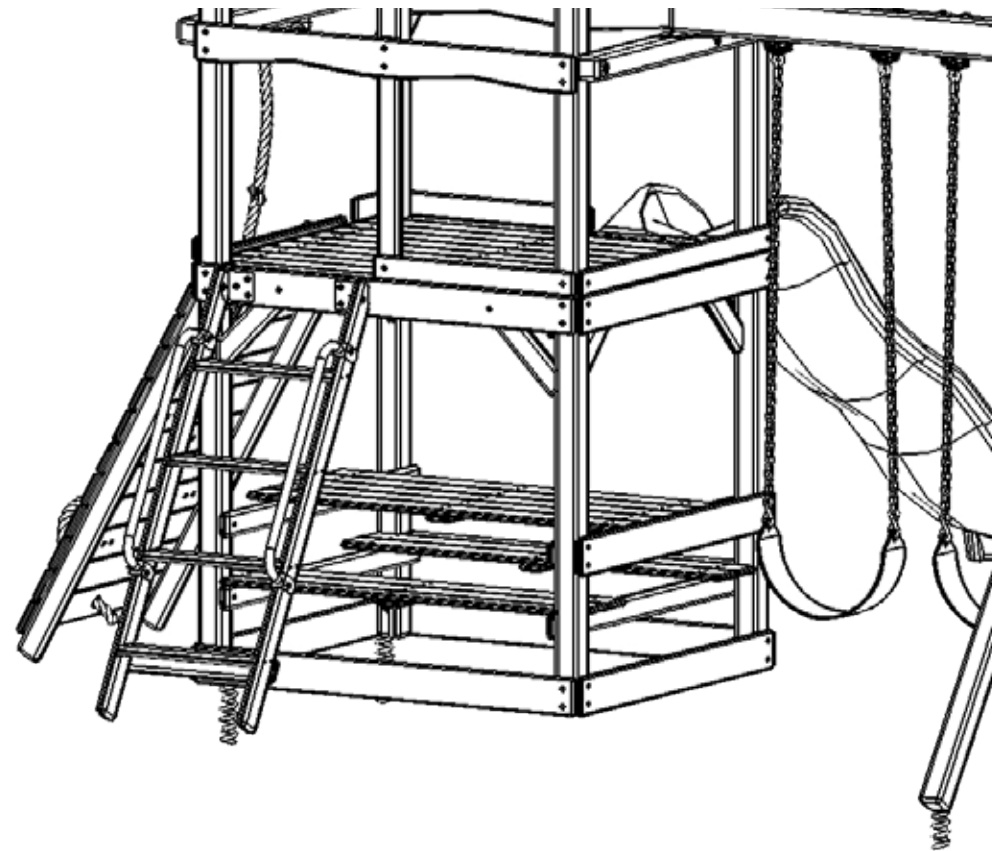
HARDWARE NEEDED

I-1- 1/4" USS Flatwasher- (4)

E-1- 1/4" x 3" Hex Lag Screw- (4)



FINISHED PICNIC TABLE ASSEMBLY



Lower Floor Install (Used For Playhouse Panel Install)

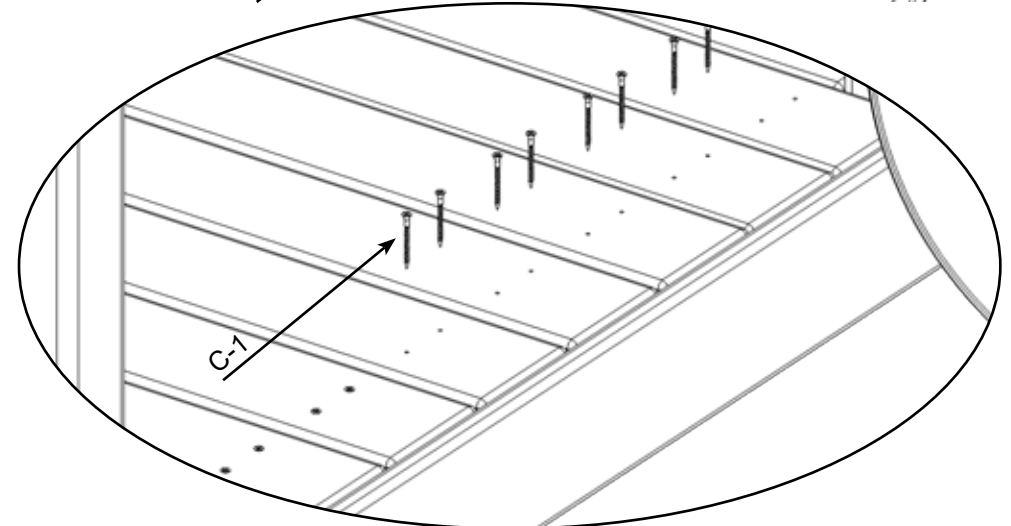
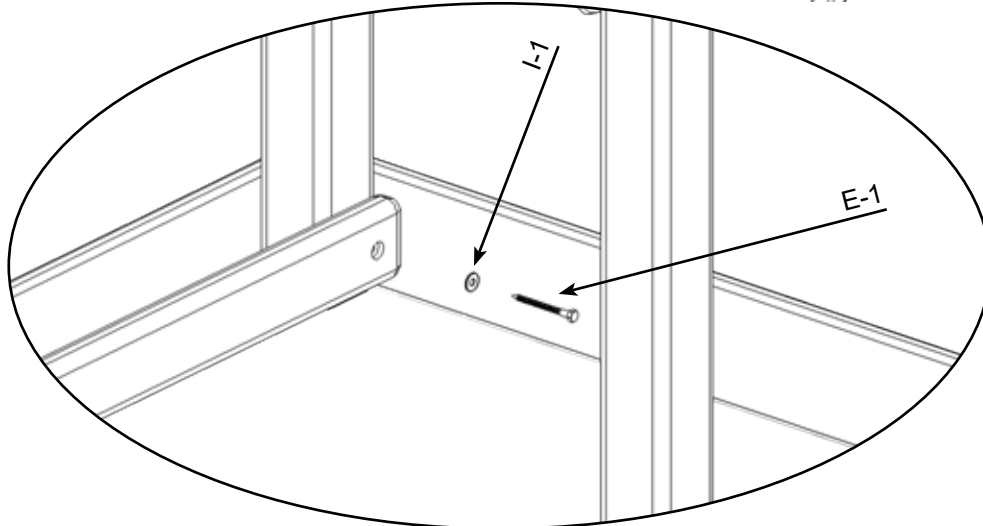
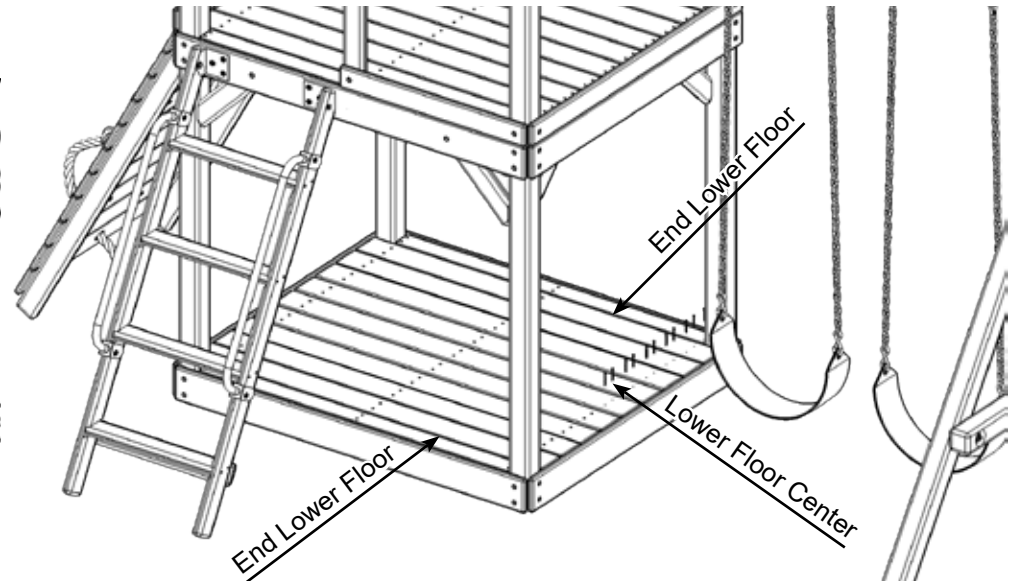
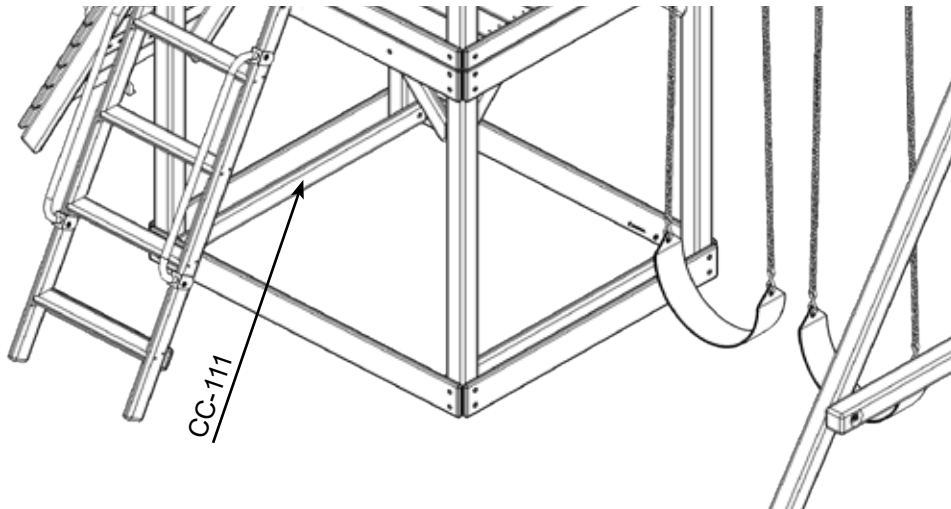
PARTS NEEDED

CC-111- 51 1/8" Picnic Mainbeam-	(2)
End Lower Floor Assembly-	(2)
Lower Floor Center-	(1)

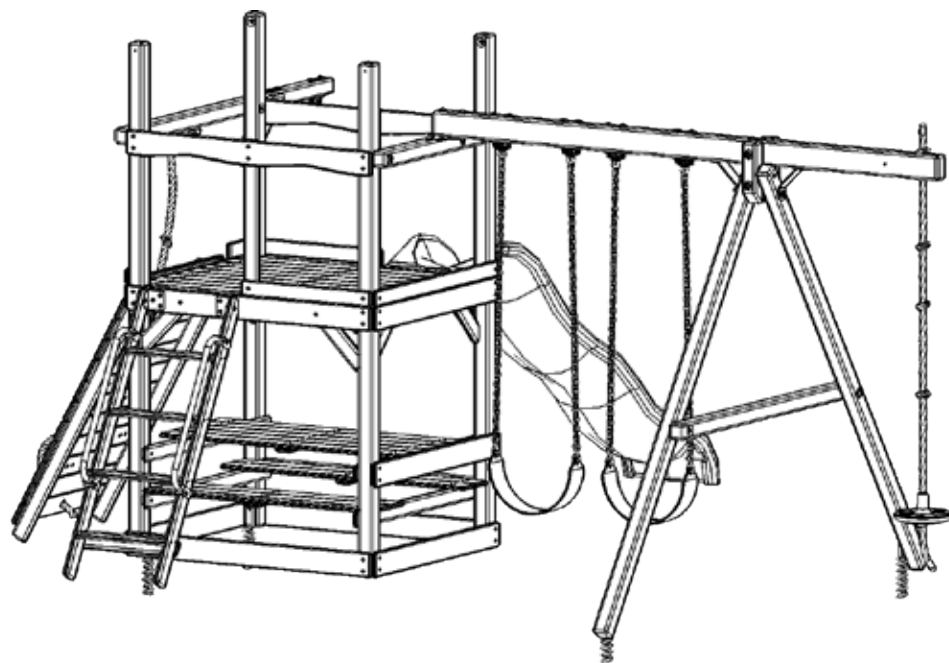
HARDWARE NEEDED

I-1- 1/4" USS Flatwasher-	(4)
E-1- 1/4" x 3" Hex Lag Screw-	(4)
C-1- 2" Coated Deck Screw-	(44)

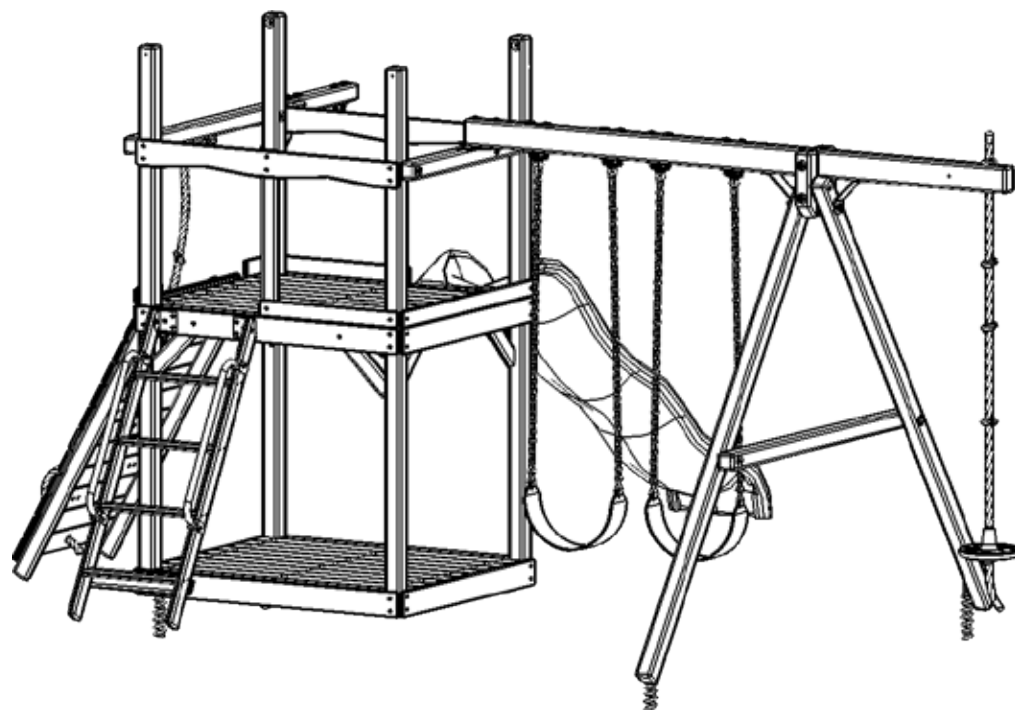
SUPPORTS ARE 20 1/4" FROM THE GROUND TO THE BOTTOM OF THE SUPPORT



Finished Picnic Assembly



Finished Lower Floor Assembly



Open Rail Option (Used for Base Install)

PARTS NEEDED

CC-026- 32" Spindle-

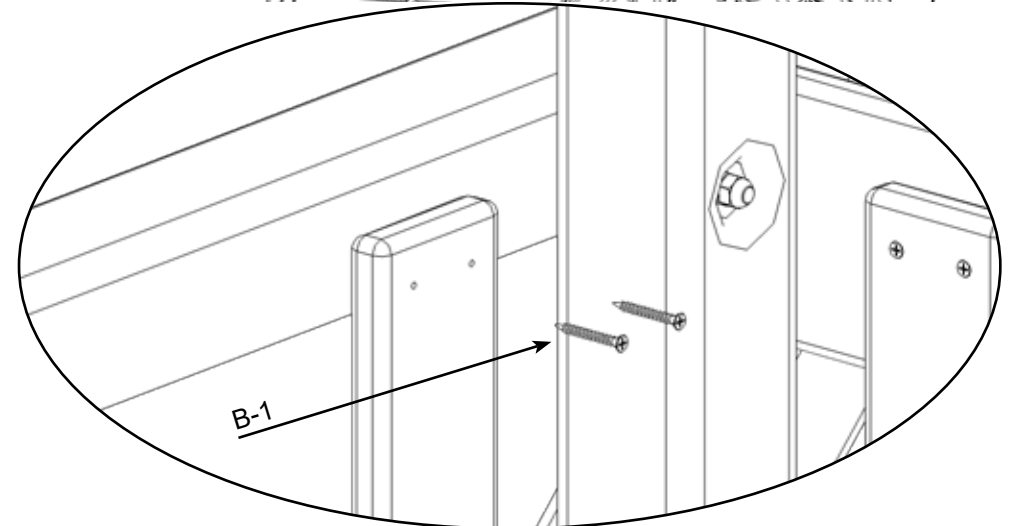
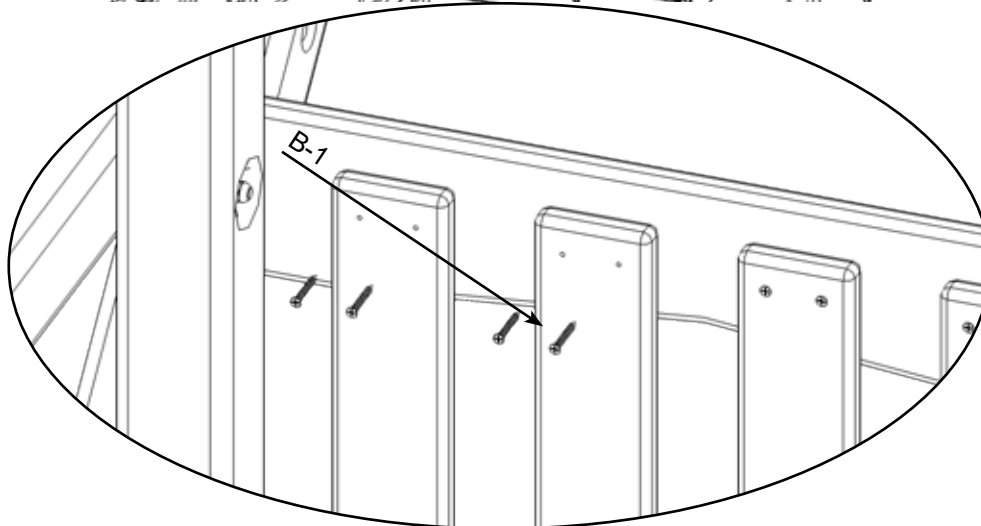
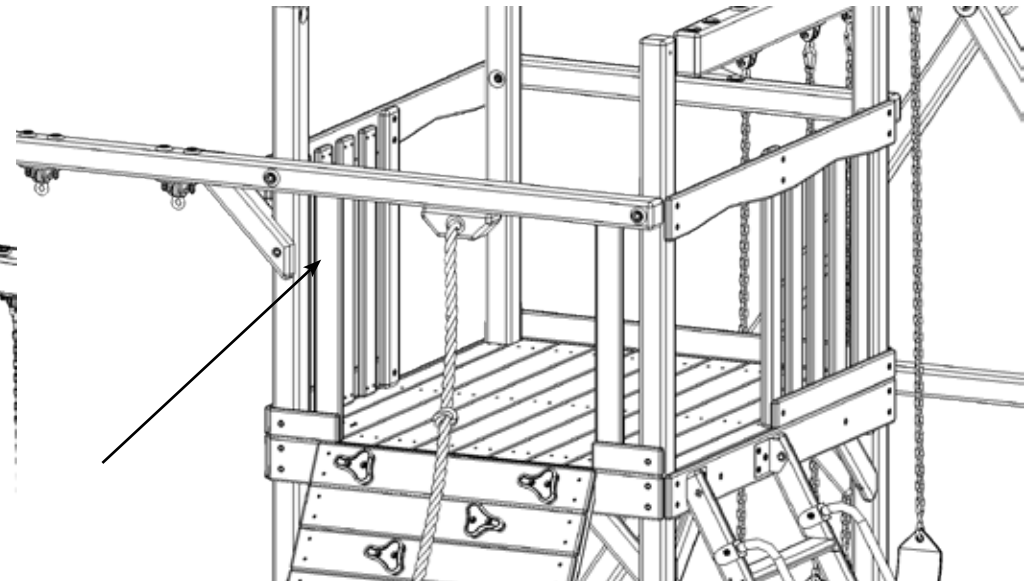
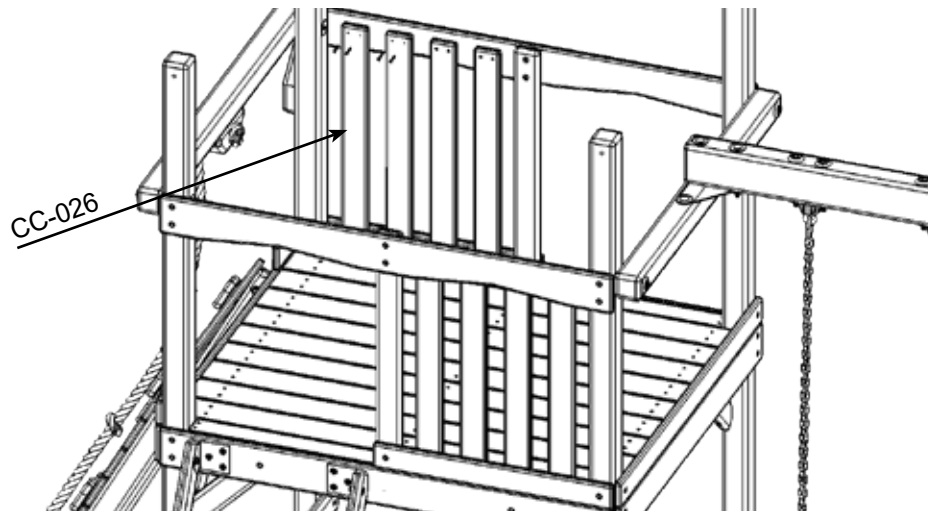
(10)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw-

(40)

ALL RAILS ARE 2 1/2" APART



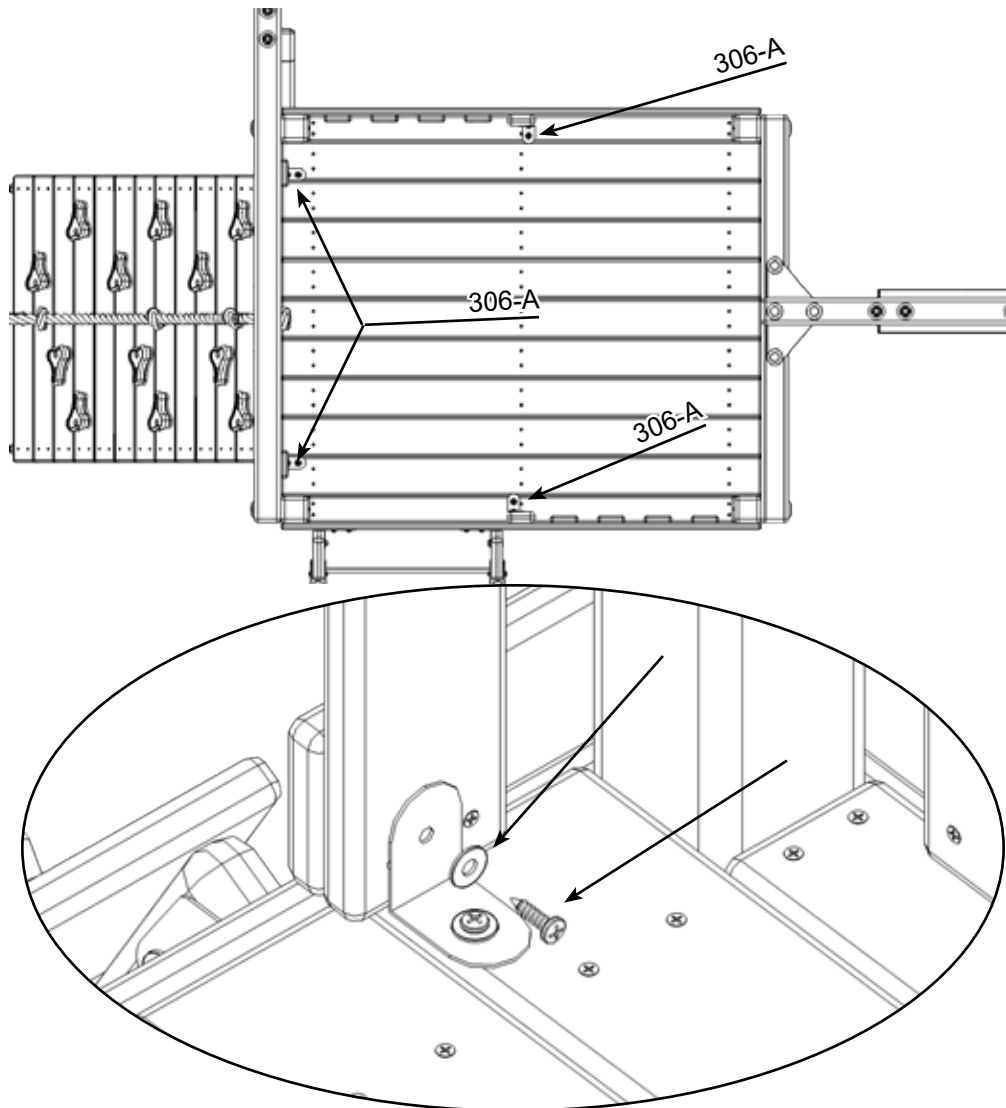
Open Rail Option (Used for Base Install)

PARTS NEEDED

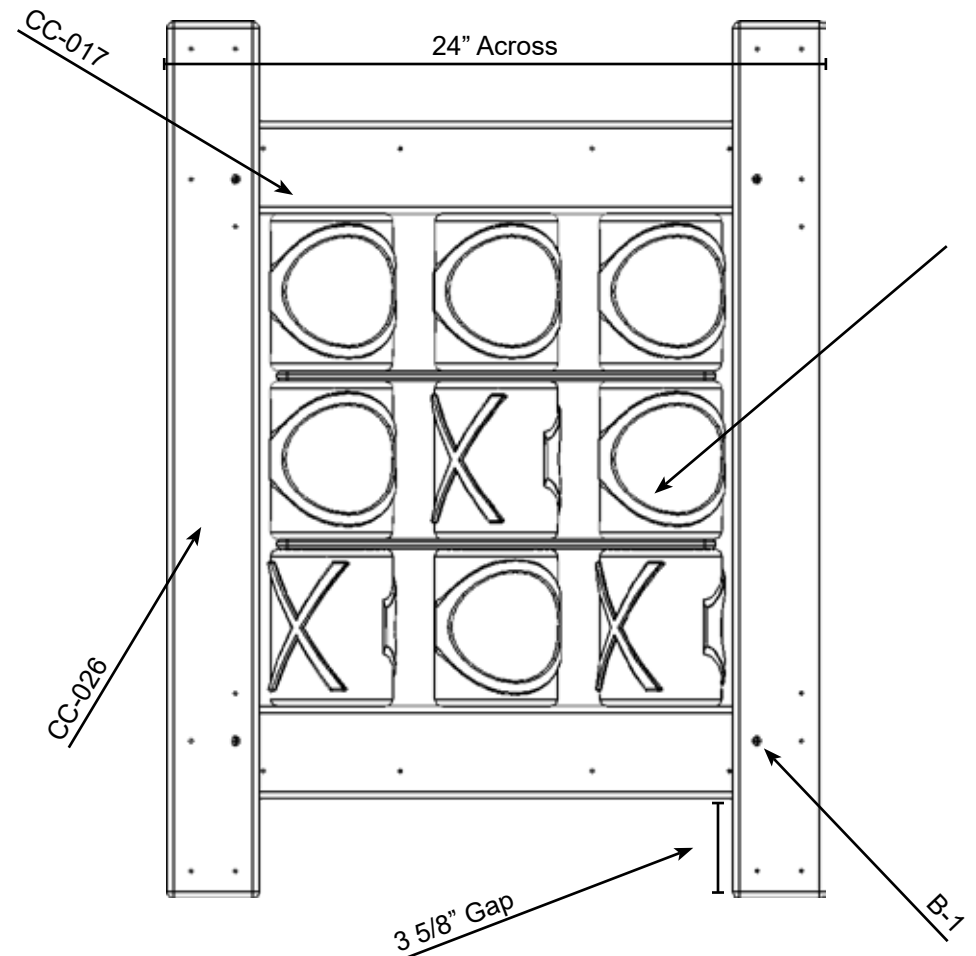
306-A- 90 Degree Bracket-	(4)
CC-017- 22" Tic Tac Board-	(2)
CC-026- 32" Spindle-	(2)
306-L- Tic Tac Toe-	(1)

HARDWARE NEEDED

F-1- #14 x 1" Pan Phillips T/S-	(8)
I-1- 1/4" USS Flatwasher-	(8)
B-1- 1 1/2" Coated Deck Screw-	(4)



CC-017 DOES NOT REACH THE OUTSIDE OF THE CC-026's



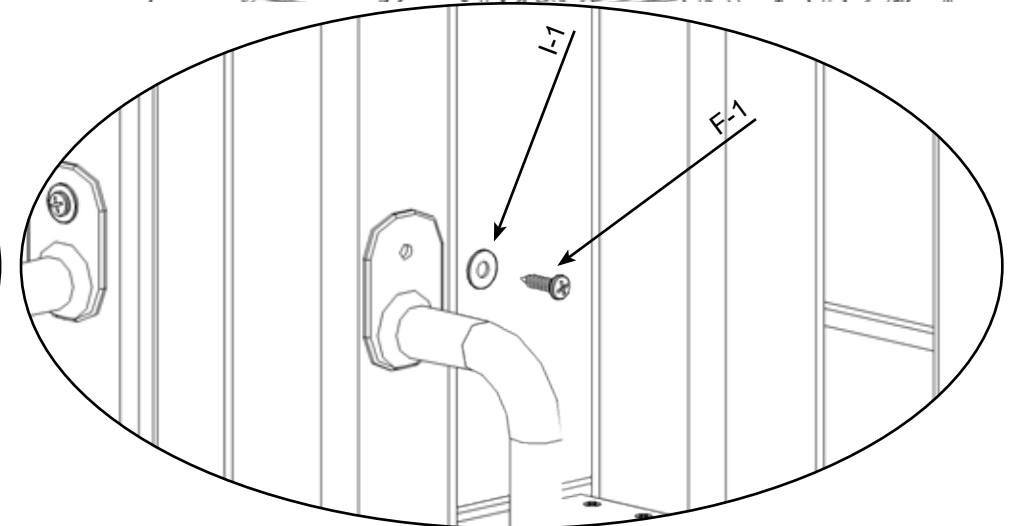
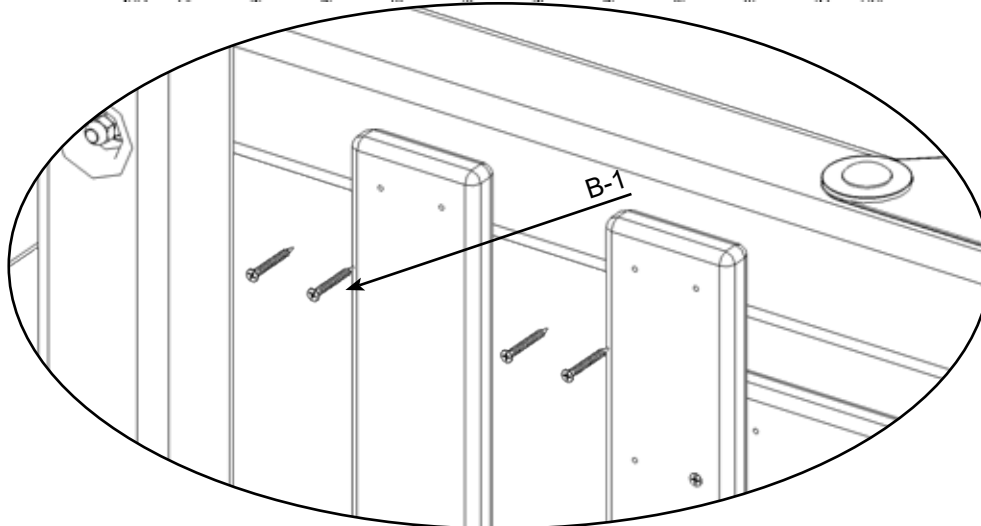
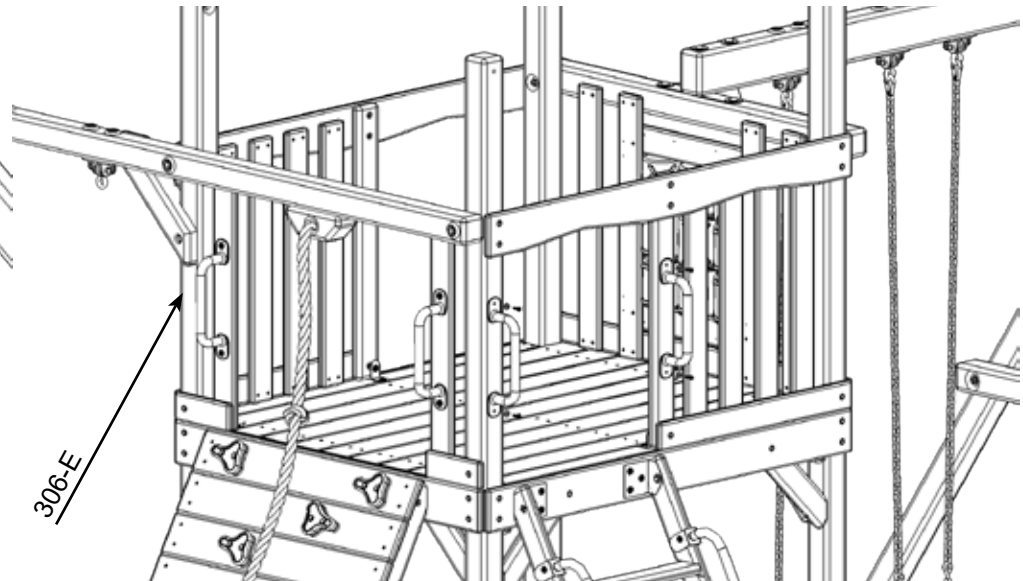
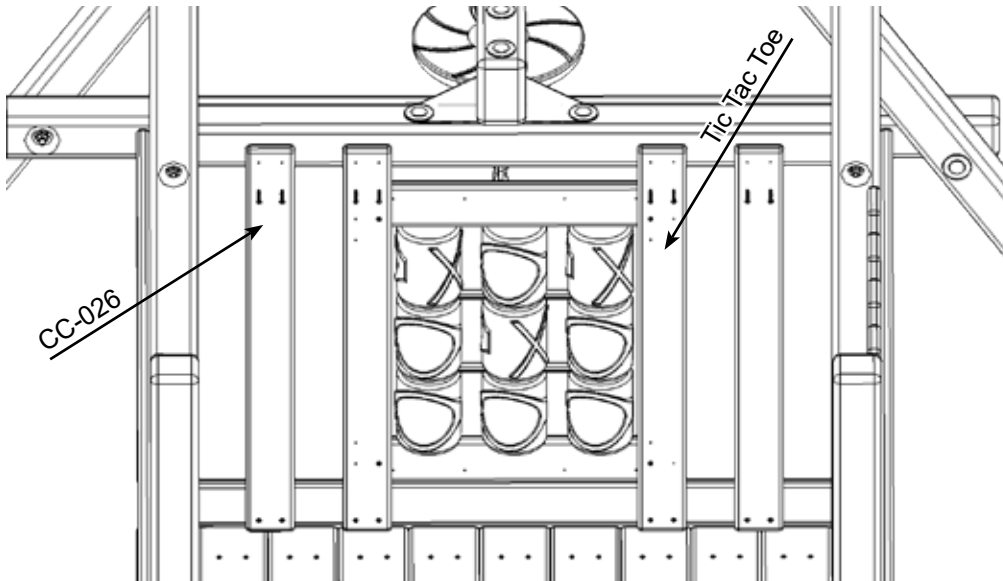
Open Rail Option (Used for Base Install)

PARTS NEEDED

CC-026- 32" Spindle-	(2)
Tic Tac Toe-	(1)
306-E- Playgrip Safety Handle-	(4)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw-	(8)
I-1- 1/4" USS Flatwasher-	(8)
F-1- #14 x 1" Pan Phillips T/S-	(8)



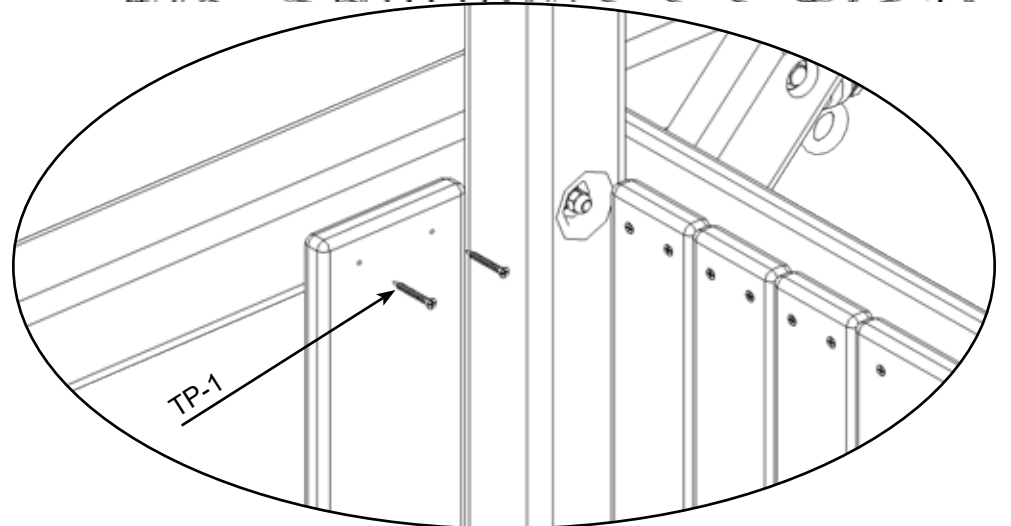
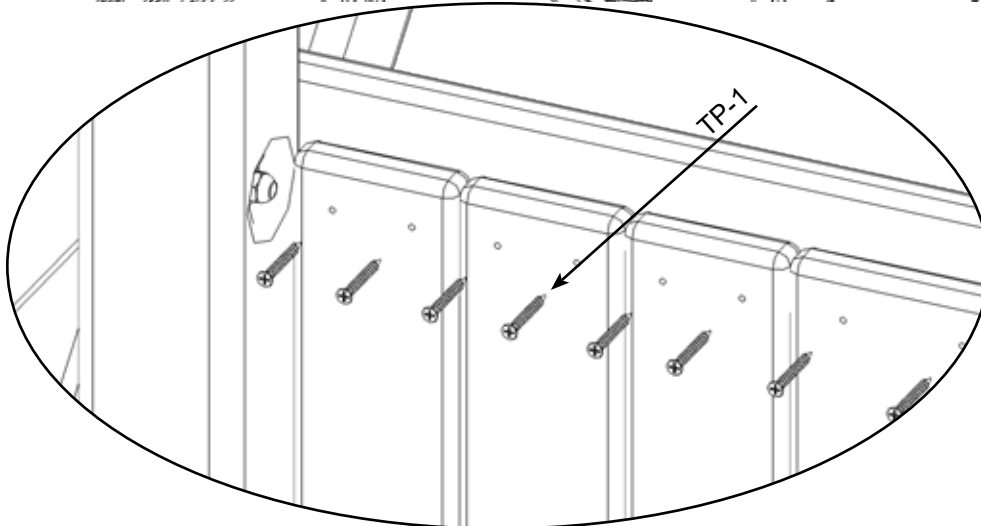
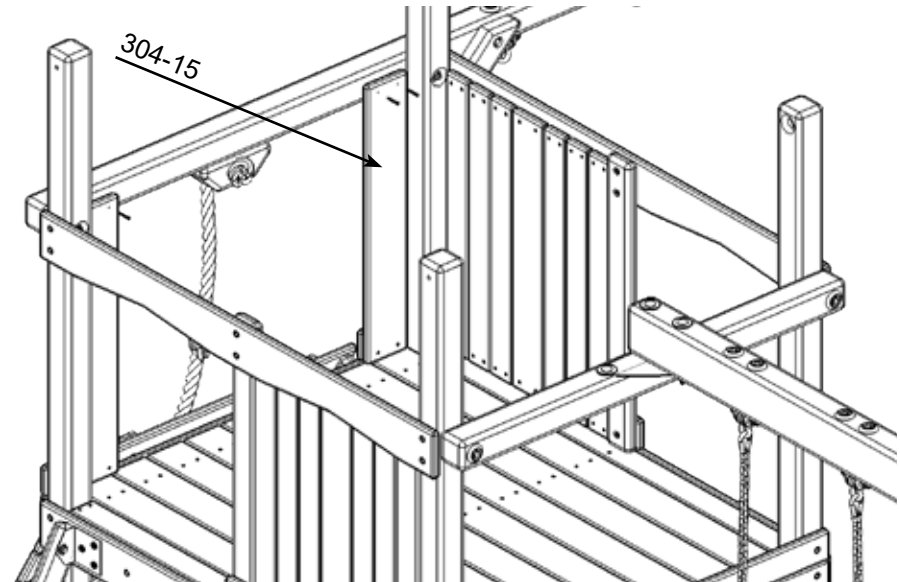
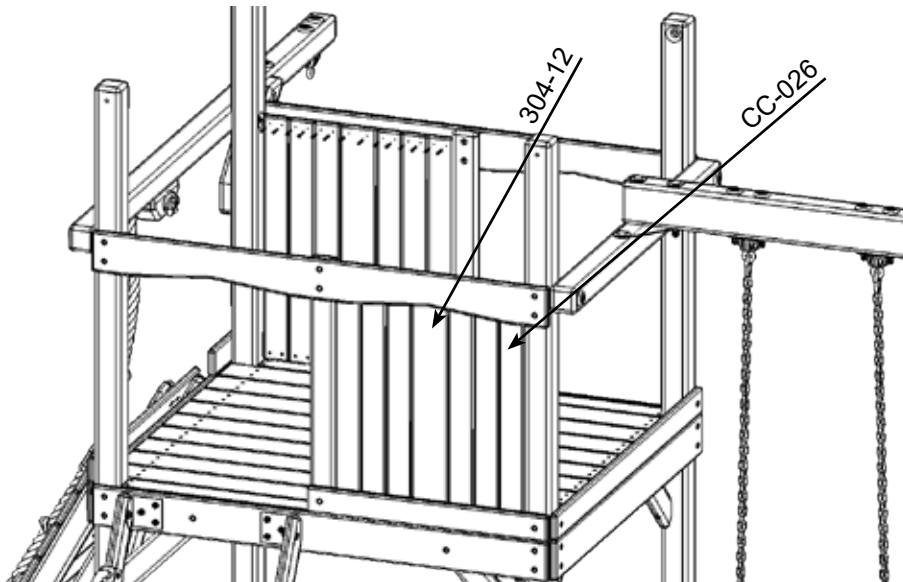
Closed Rail Option (Used for Treehouse Panels)

PARTS NEEDED (PARTS FROM STANDARD & TREEHOUSE)

CC-026- 32" Spindle-	(12)
304-12- 32" Spindle Filler-	(2)
304-15- 32" Large Spindle-	(2)

HARDWARE NEEDED

TP-1- 1 1/2" Coated Deck Screw-	(64)
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Closed Rail Option (Used for Treehouse Panels)

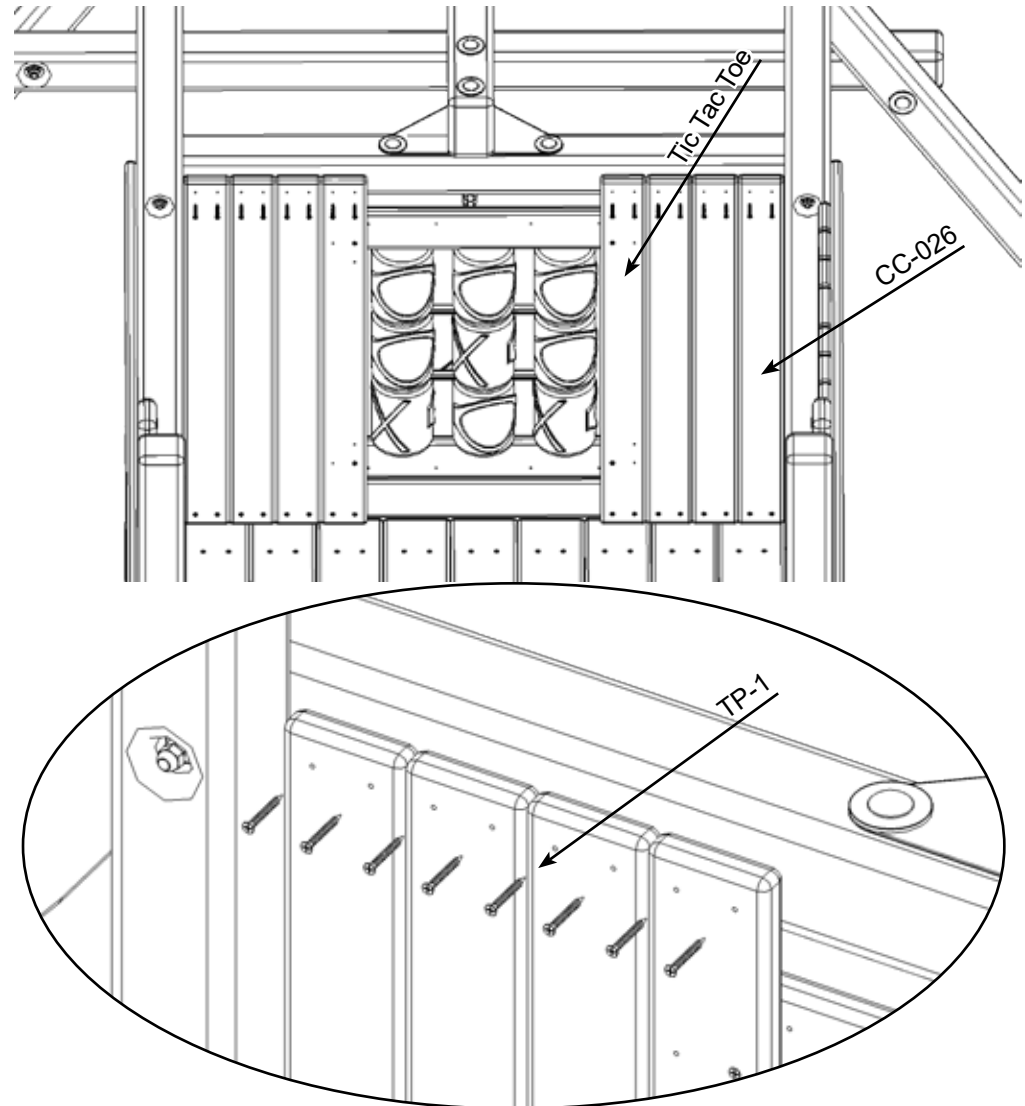
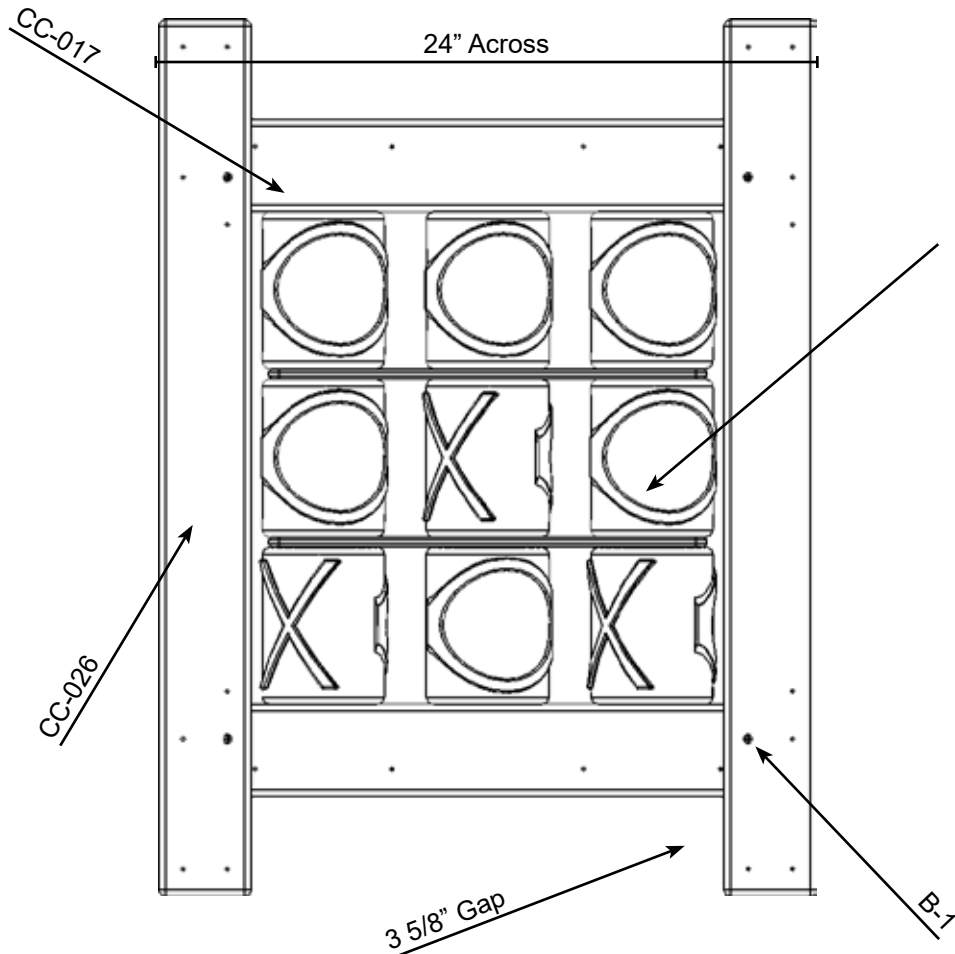
PARTS NEEDED (PARTS FROM STANDARD & TREEHOUSE)

CC-017- 22" Tic Tac Toe Board- (2)
CC-026- 32" Spindle- (8)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw- (4)
TP-1- 1 1/2" Coated Deck Screw- (32)

CC-017 DOES NOT REACH THE OUTSIDE OF THE CC-026's



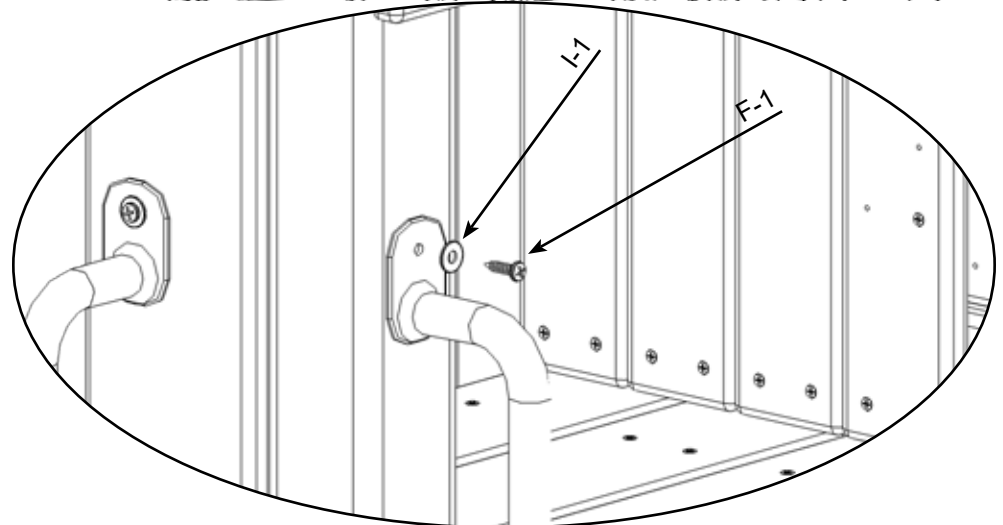
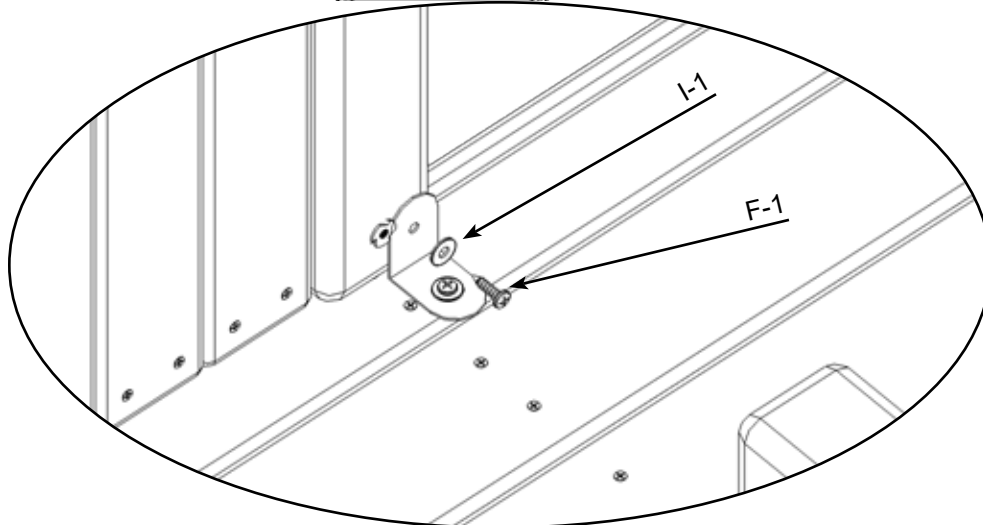
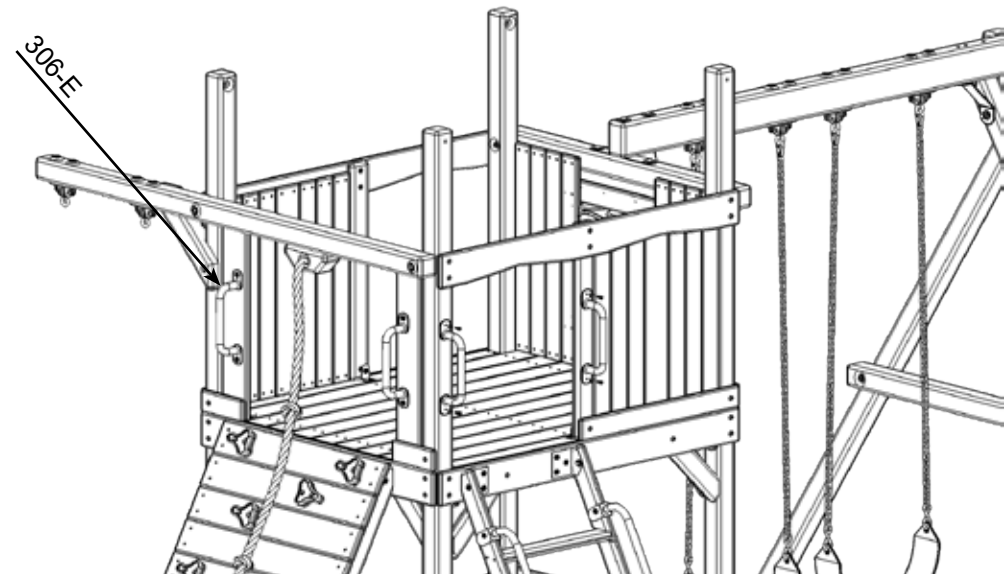
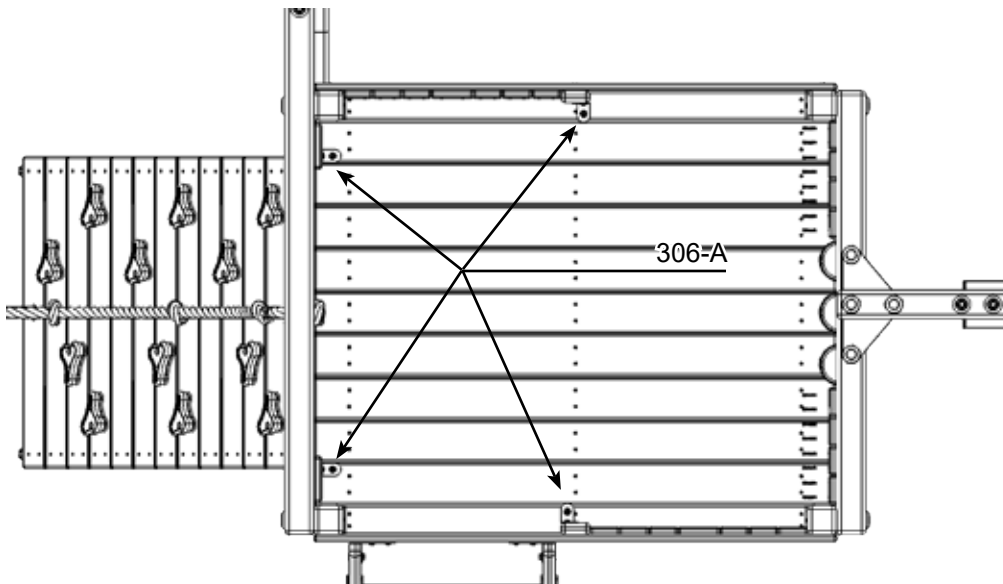
Closed Rail Option (Used for Treehouse Panels)

PARTS NEEDED

306-A- 90 Degree Bracket- (4)
306-E- Playgrip Safety Handles- (4)

HARDWARE NEEDED

I-1- 1/4" USS Flatwasher- (16)
F-1- #14 x 1" Pan Phillips T/S- (16)



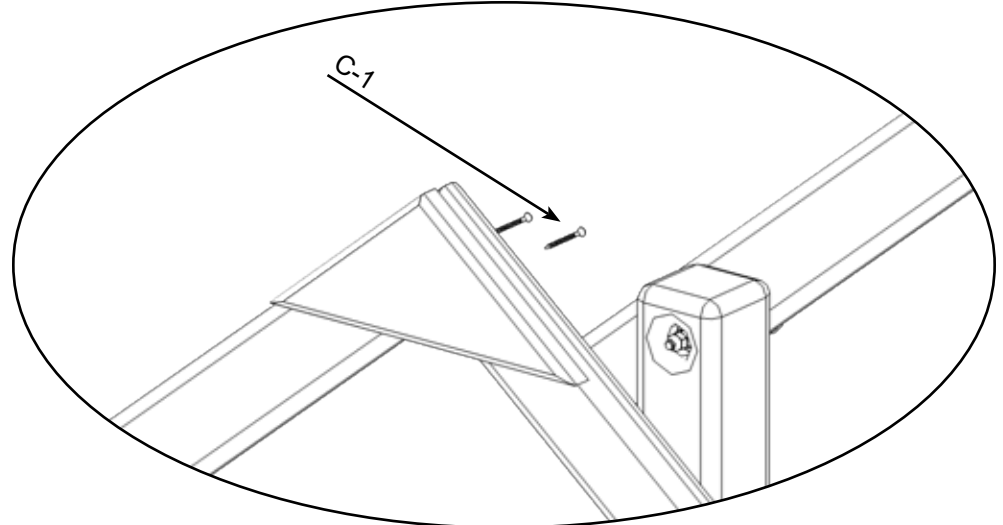
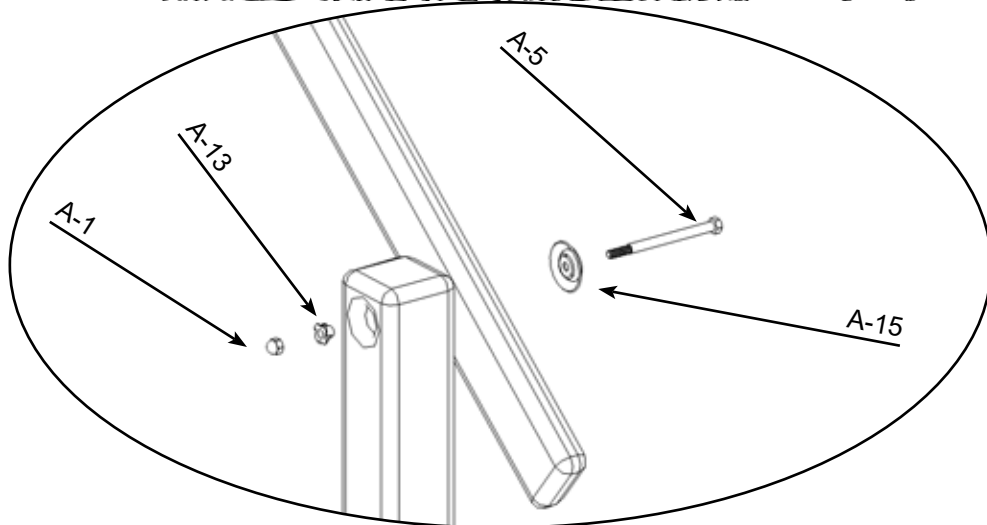
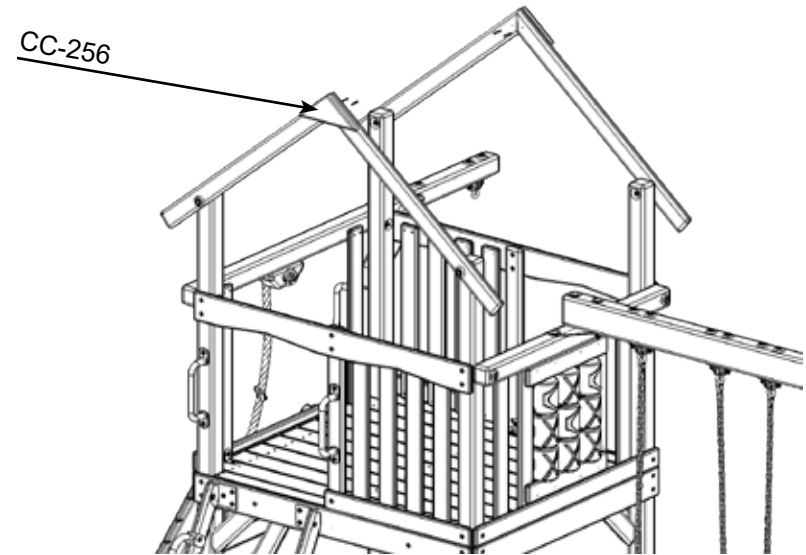
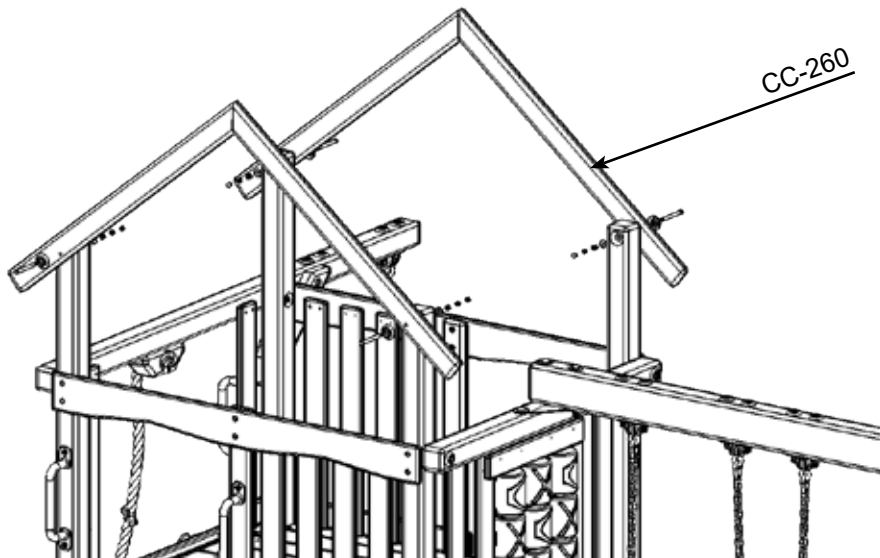
Wood Roof Install (For Treehouse Panels Go To Treehouse for 1st Step)

PARTS NEEDED

CC-260- 48 1/16" Wood Roof Support- (4)
CC-256- 12 3/4" Wood Roof Peak- (2)

HARDWARE NEEDED

A-5- 3/8" x 4 1/2" Hex Bolt- (4)
A-15- 3/8" Bolt Cup- (4)
A-13- 3/8" T-Nut- (4)
A-1- 3/8" Acorn Nut Plated- (4)
C-1- 2" Coated Deck Screw- (4)



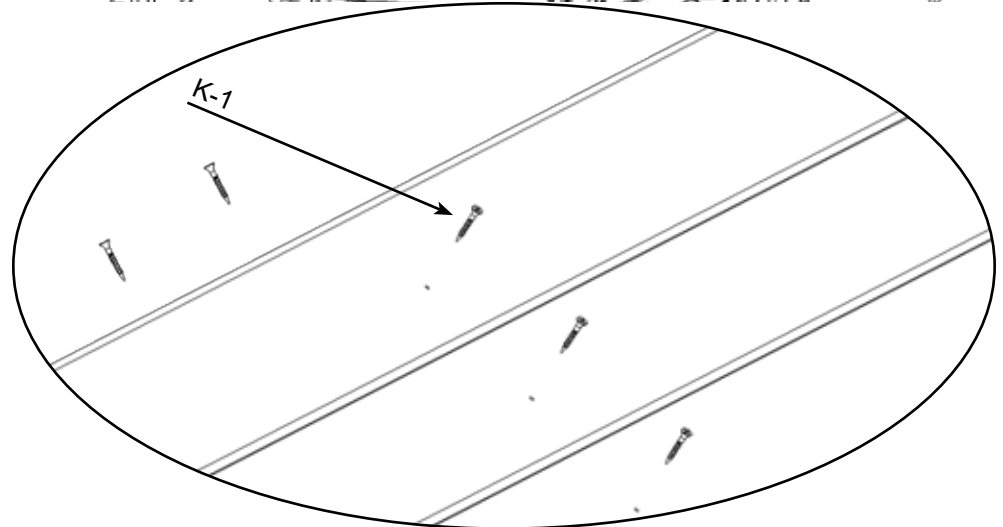
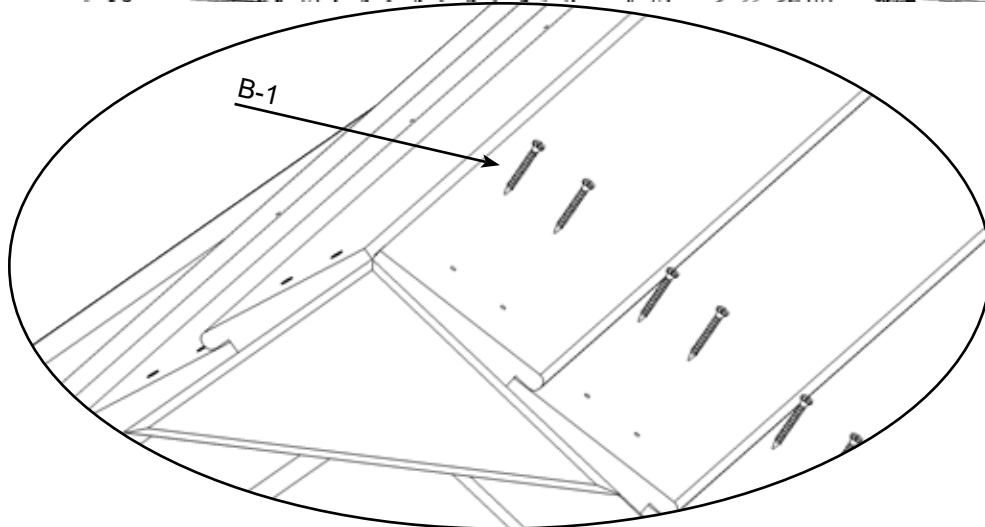
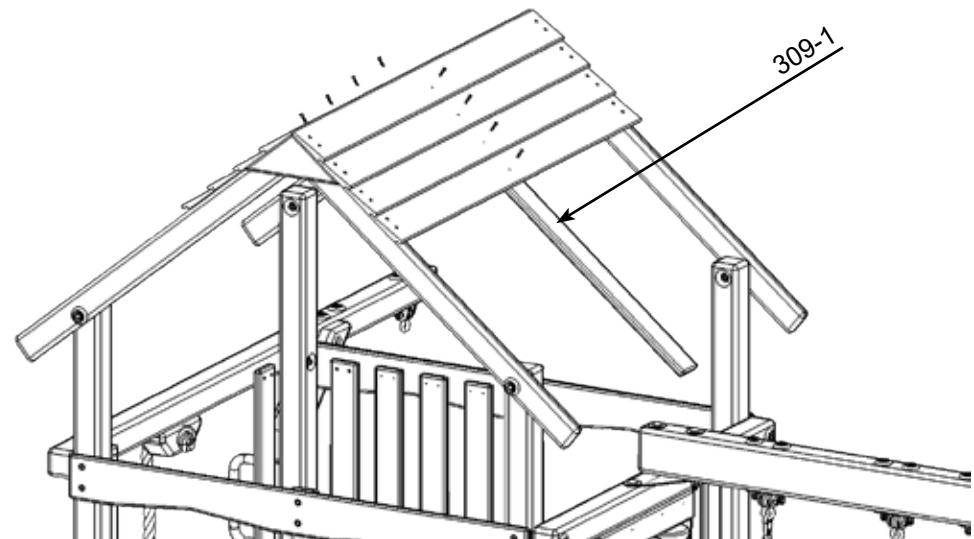
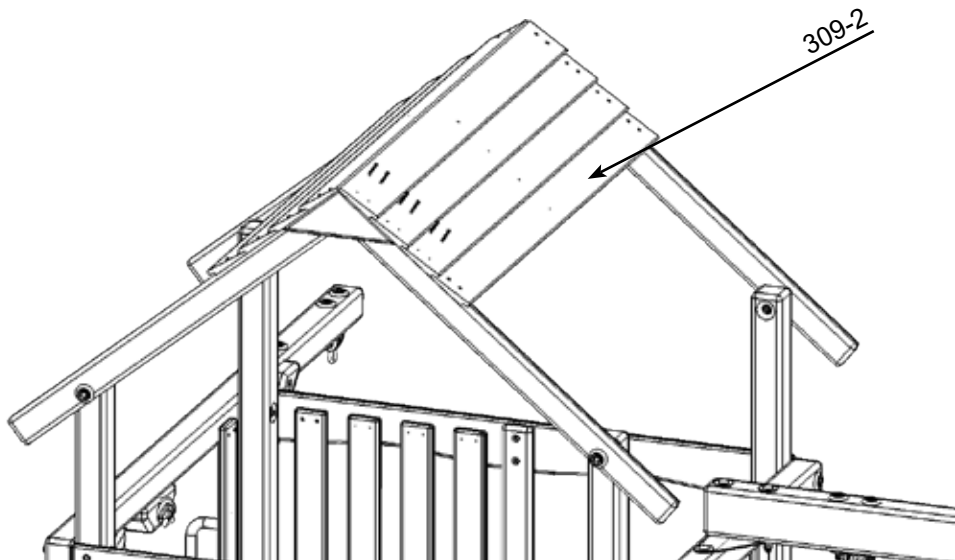
Wood Roof Install

PARTS NEEDED

309-2- 55 5/8" Wood Roof Board- (8)
309-1- 46 1/2" Wood Roof Support- (2)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw- (32)
K-1- 1 1/4" Coated Deck Screw- (8)



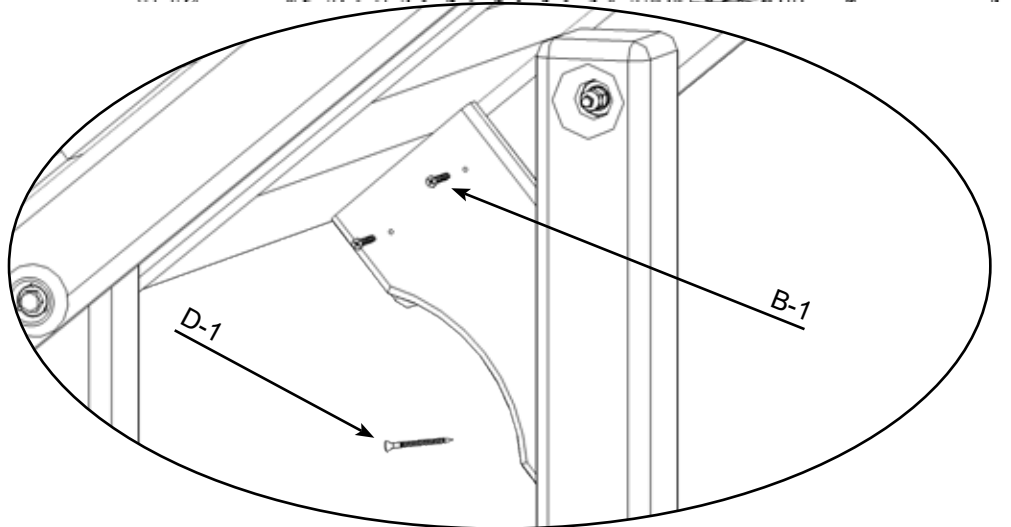
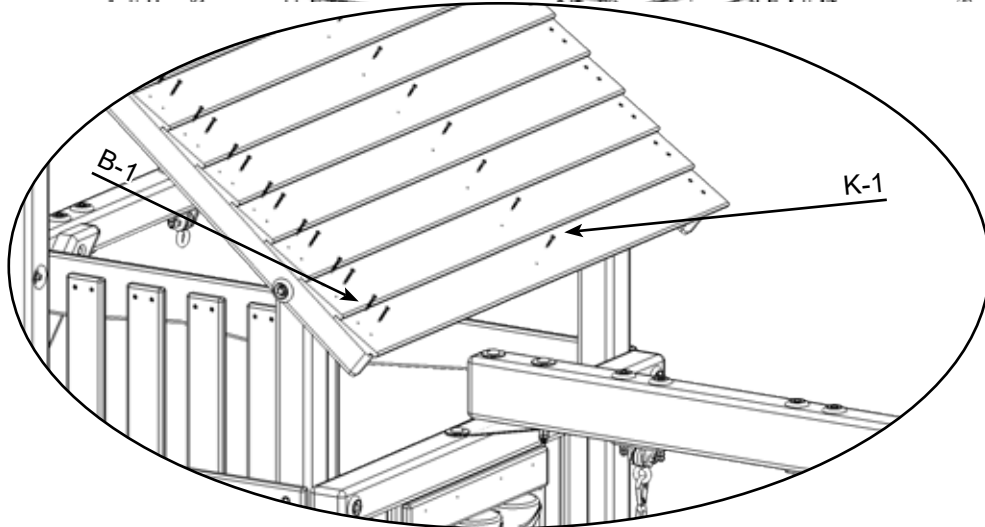
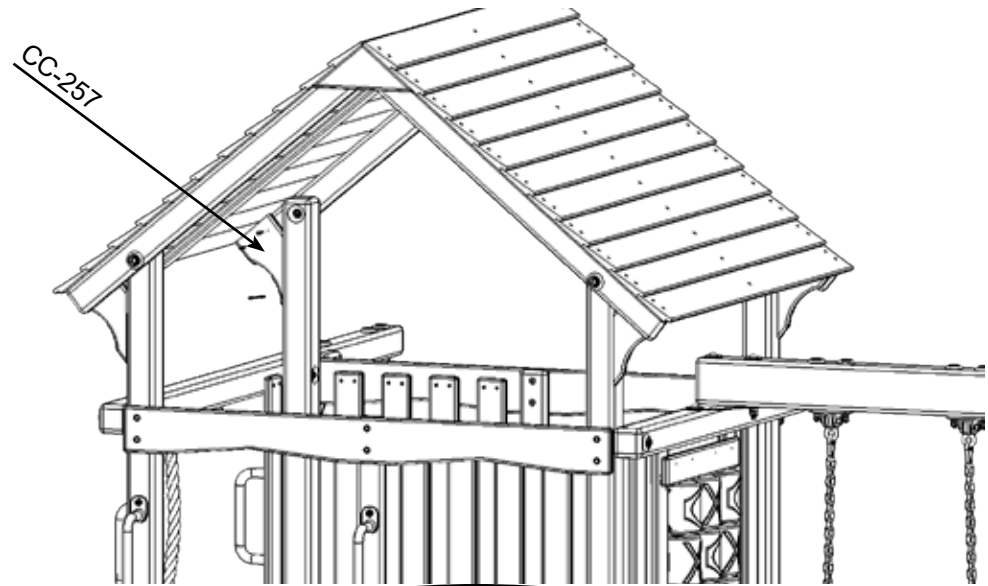
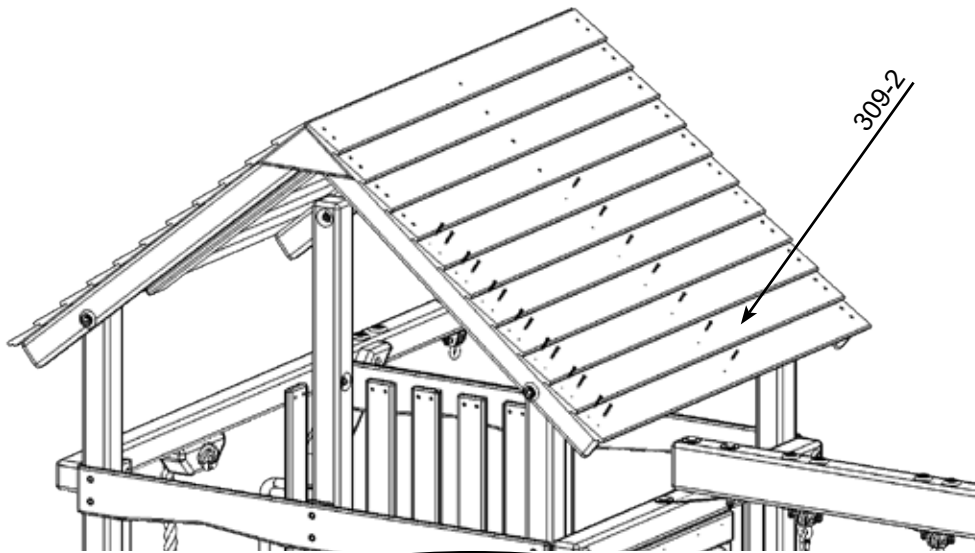
Wood Roof Install

PARTS NEEDED

309-2- 55 5/8" Wood Roof Board- (14)
CC-257- 10 5/8" WR Support Gusset- (4)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw- (56)
K-1- 1 1/4" Coated Deck Screw- (14)



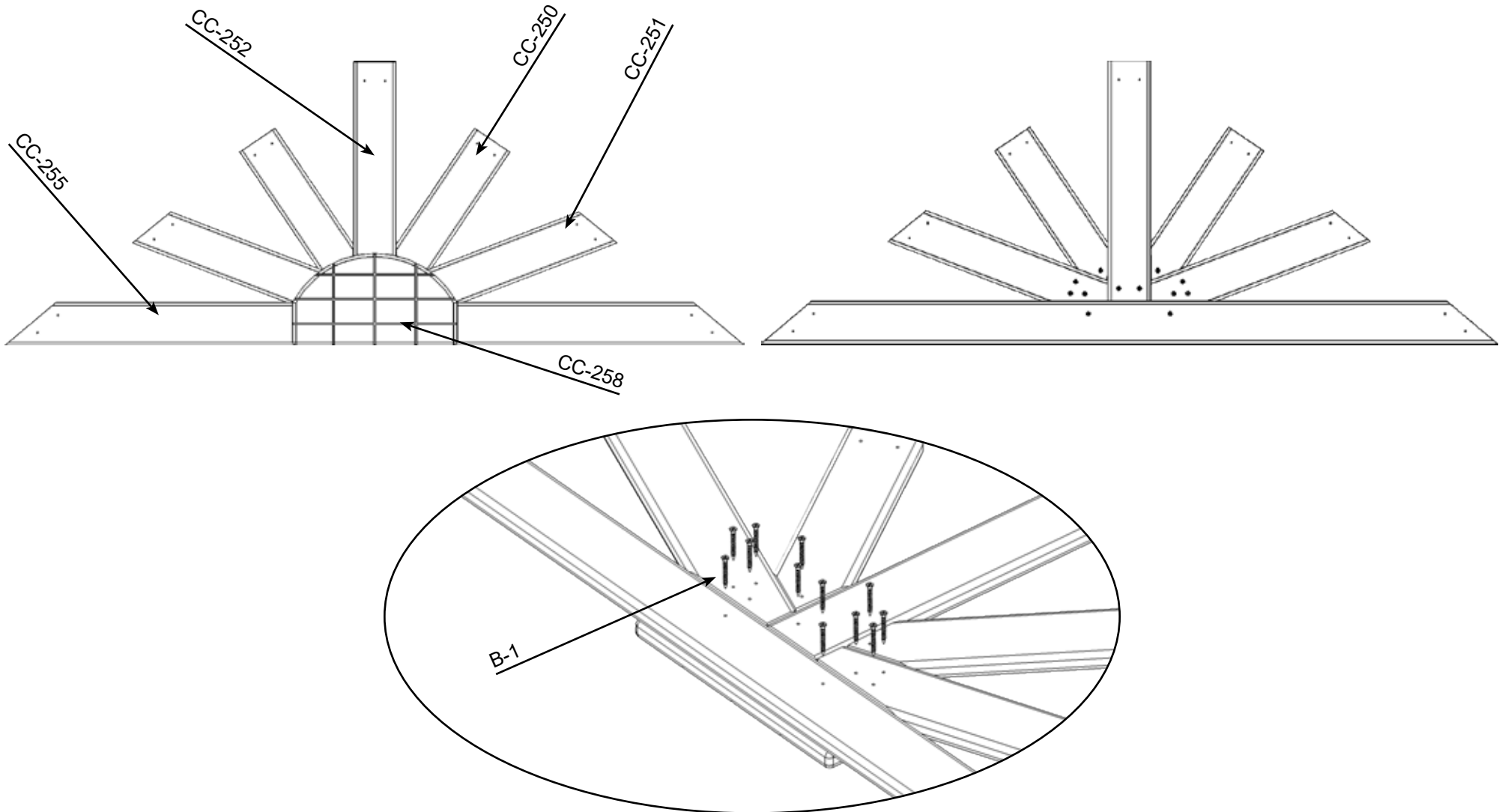
Wood Roof Fan Assembly (Make 2 Fan Assemblies)

PARTS NEEDED

CC-255- 58 1/2" Bottom Fan Board-	(2)
CC-258- 13" Wood Roof Plate-	(2)
CC-251- 18" Fan Board #1-	(4)
CC-250- 13 1/2" Fan Board #2-	(4)
CC-252- 19" Center Fan Board-	(2)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw-	(24)
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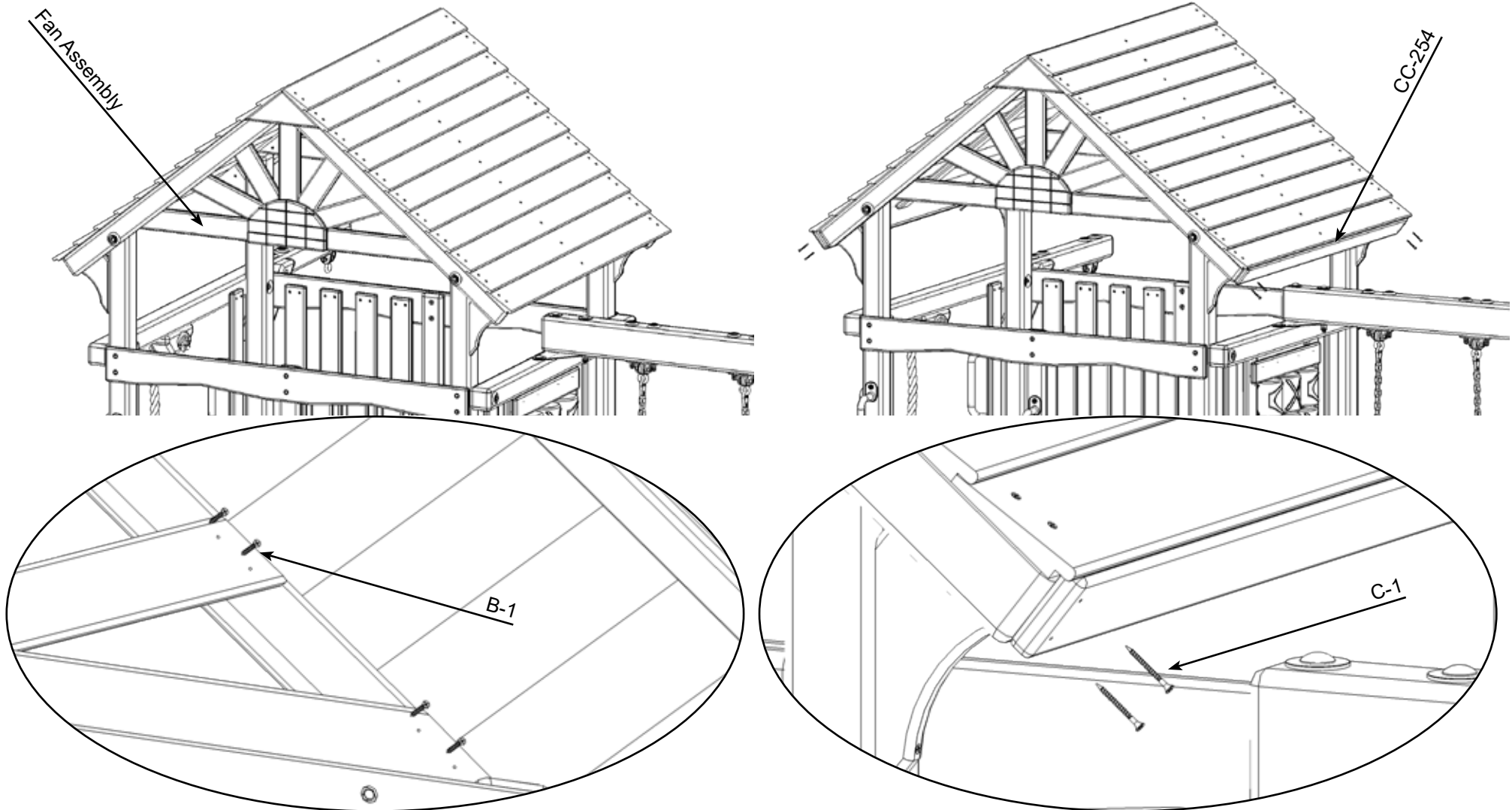
Wood Roof Install

PARTS NEEDED

Fan Assembly- (2)
CC-254- 53 7/8" Wood Roof End Cap- (2)

HARDWARE NEEDED

B-1- 1 1/2" Coated Deck Screw- (28)
C-1- 2" Coated Deck Screw- (8)



End Treehouse Panel Assembly

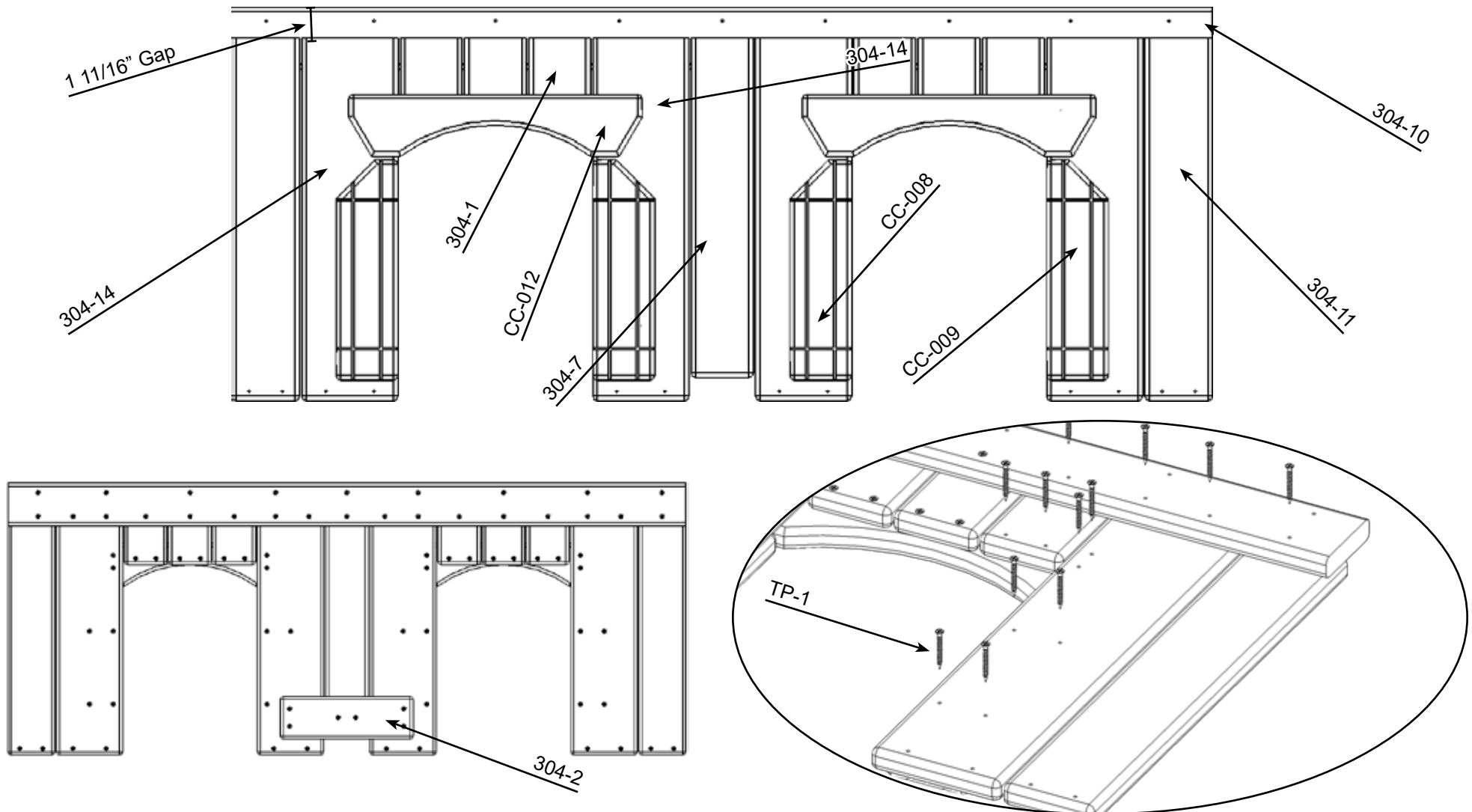
PARTS NEEDED

304-14- 19 3/4" End Large Shutter Board-	(8)	304-10- 53 1/2" Panel Support-	(2)
304-1- 4 3/4" End Upper Short Board-	(12)	CC-012- 16" Window Arch-	(4)
304-7- 18 1/2" End Center Board-	(2)	CC-008- 12" Left Window Shutter-	(4)
CC-009- 12" Right Window Shutter-	(4)	304-11- 19 3/4" End Panel Board-	(4)
304-2- Short Panel Board-	(2)		

HARDWARE NEEDED

TP-1- 1 1/2" Coated Deck Screw-	(118)
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MAKE 2 END TREEHOUSE PANEL ASSMELBIES- THERE IS A 1/8" GAP BETWEEN EACH BOARD (A PIECE OF CARDBOARD WORKS AS A GOOD SEPERATOR)



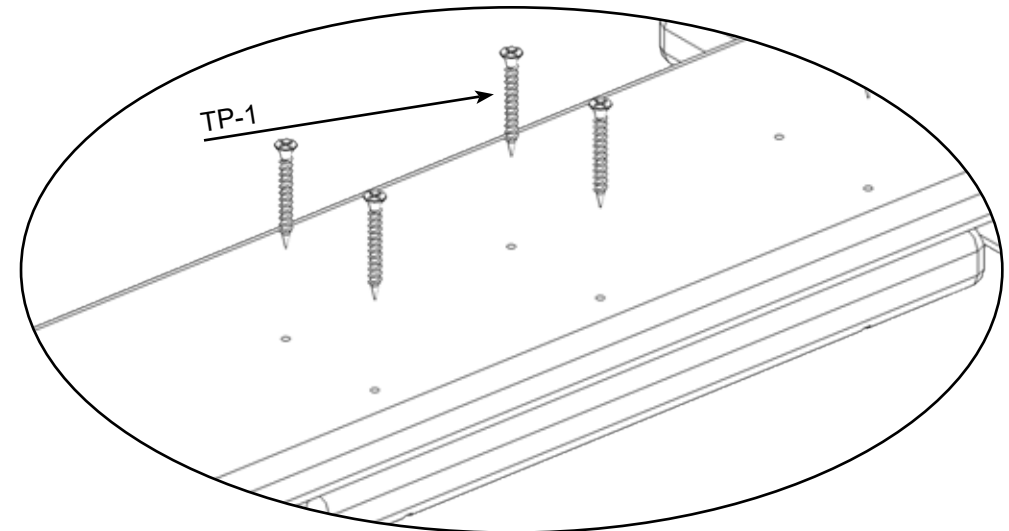
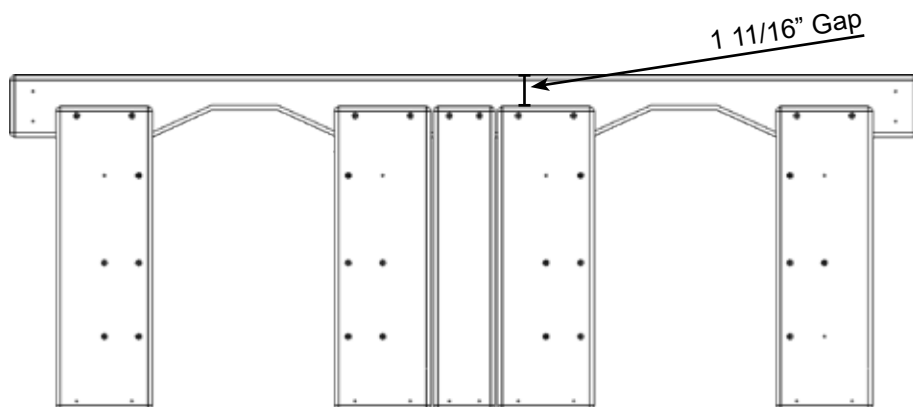
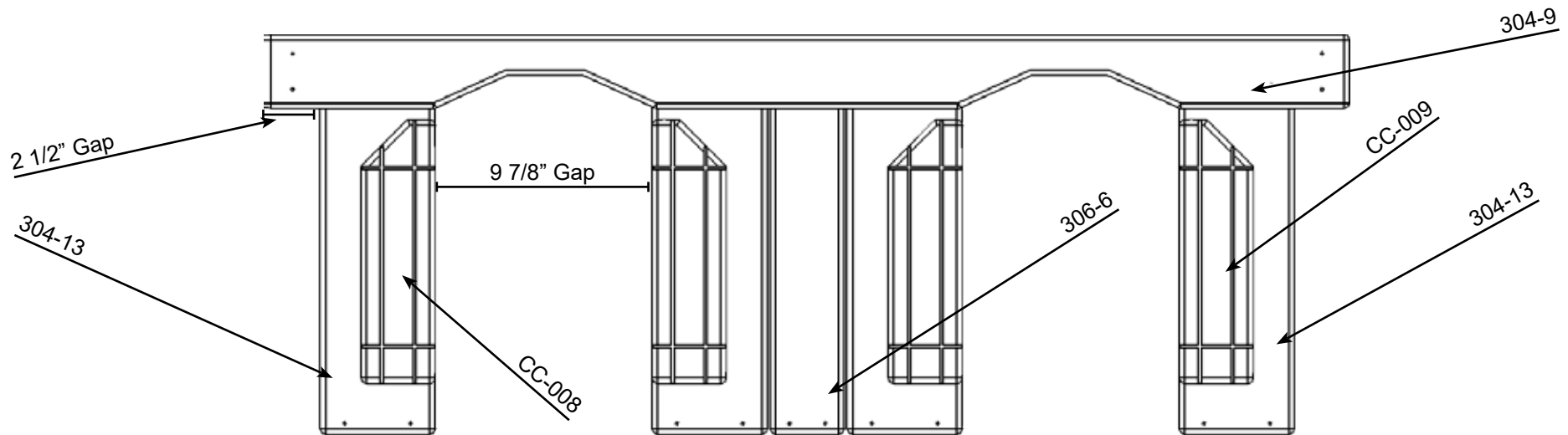
Side Treehouse Panel Assembly (Need to make before Wood Roof)

PARTS NEEDED

304-9- 49 3/8" Side Arches-	(2)	304-13- 16 1/2" Side Shutter Board-	(8)
CC-008- 12" Left Window Shutter-	(4)	CC-009- 12" Right Window Shutter-	(4)
306-6- Side Center Board-	(2)		

HARDWARE NEEDED

TP-1- 1 1/2" Coated Deck Screw-	(30)
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Treehouse Panel Install

PARTS NEEDED

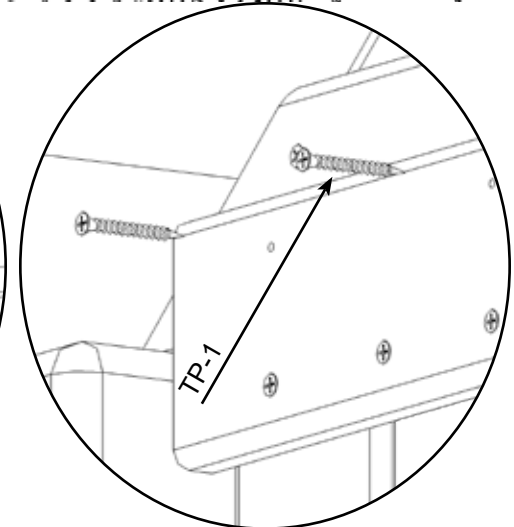
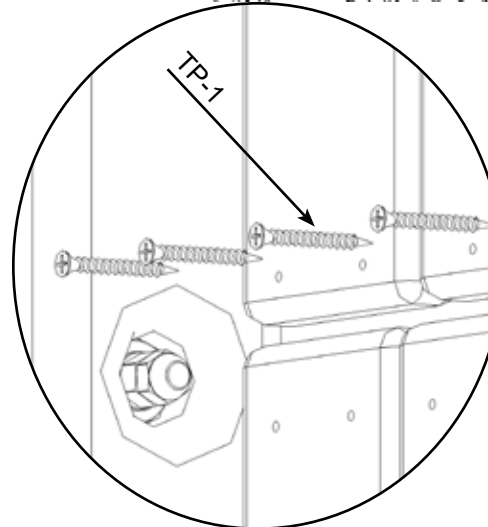
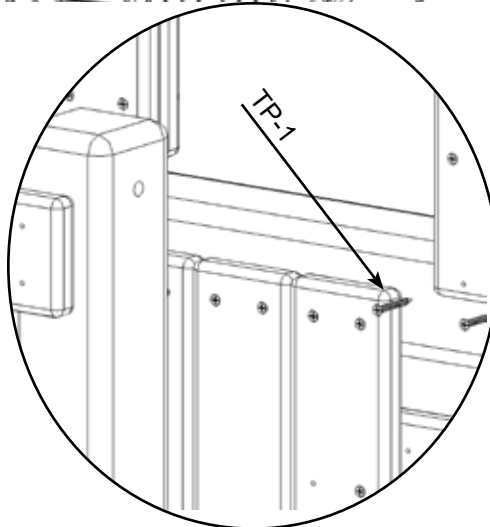
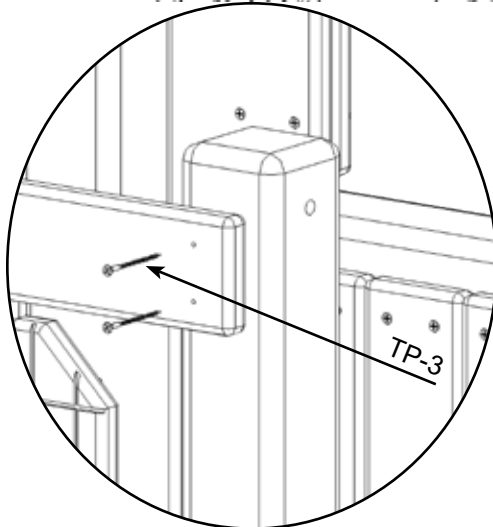
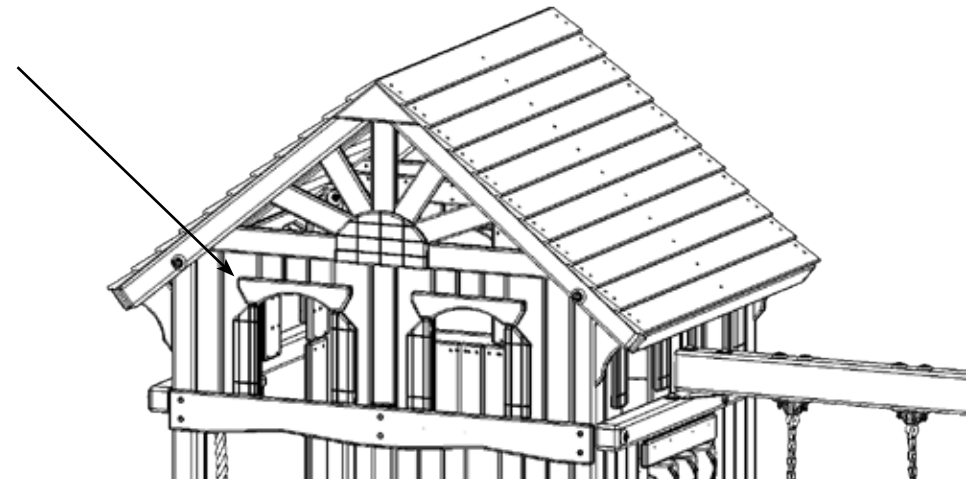
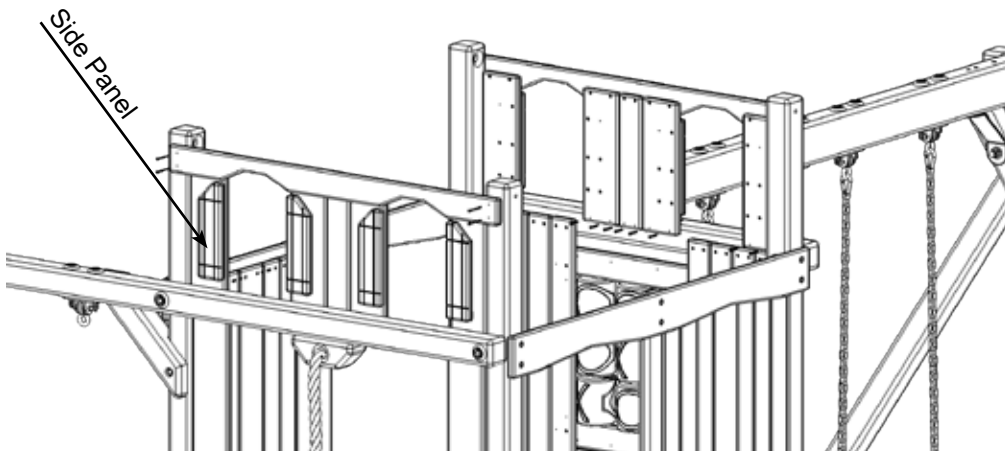
Side Panel- (2)
End Panel- (2)

HARDWARE NEEDED

TP-3- 2 1/2" Coated Deck Screw- (8)
TP-1- 1 1/2" Coated Deck Screw- (53)

THE PANEL SITS 1 11/16" BELOW THE TOP OF THE CORNER POST. PLACE PANELS ON
AND GO BACK TO WOOD ROOF

WITH WOOD ROOF ON CONTINUE TO INSTALL END PANELS



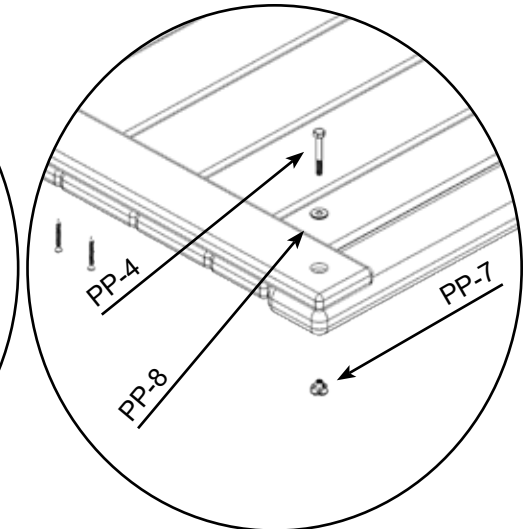
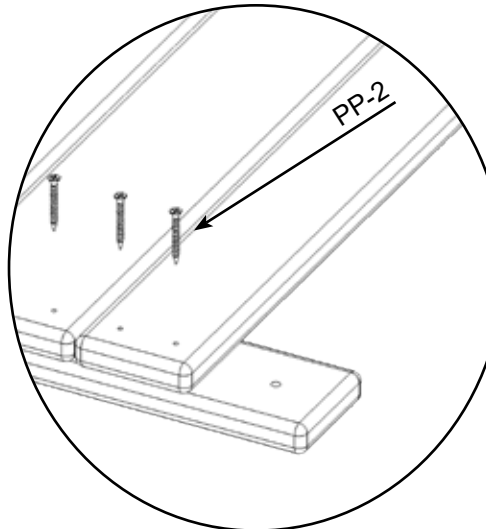
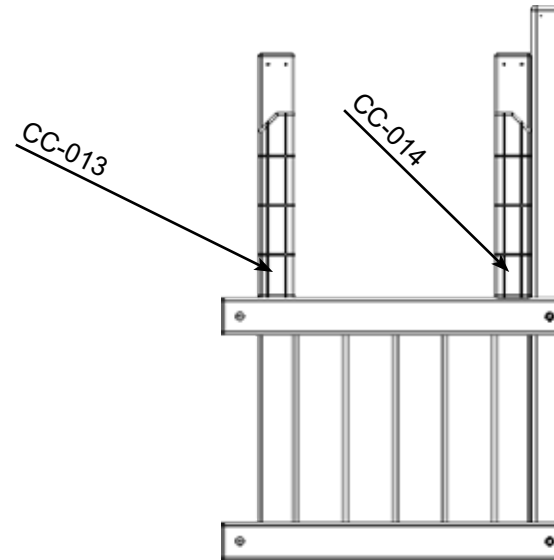
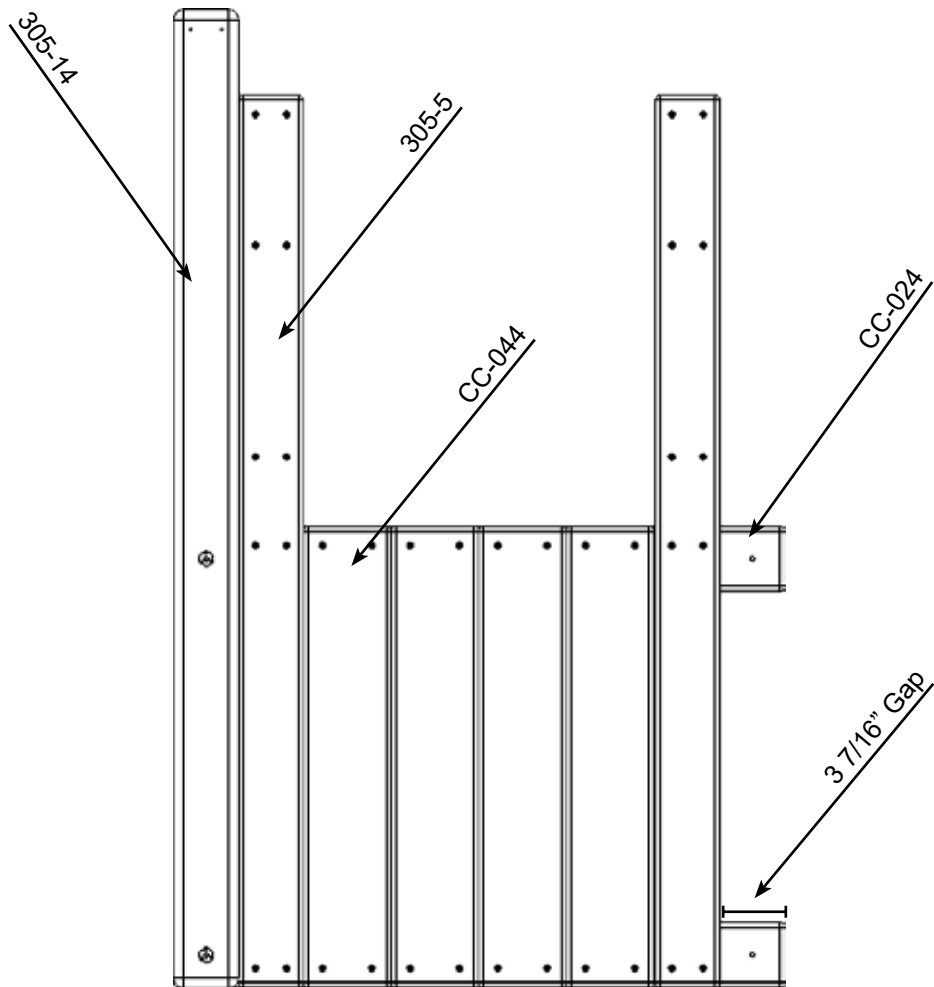
Playhouse Panel Assemblies (Door Panel)

PARTS NEEDED

304-14- 50 7/8" Center Panel Support-	(1)
305-5- 46 7/16" Panel Board #2-	(2)
CC-044- 24" Panel Board #3-	(4)
CC-024- 31 13/16" Corner Facia-	(2)
CC-013- 17" Left Window Shutter-	(1)
CC-014- 17" Right Window Shutter-	(1)

HARDWARE NEEDED

PP-2- 1 1/2" Coated Deck Screw-	(32)
PP-4- 1/4" x 2" Hex Bolt-	(2)
PP-8- 1/4" USS Flatwasher-	(2)
PP-7- 1/4" T-Nut-	(2)



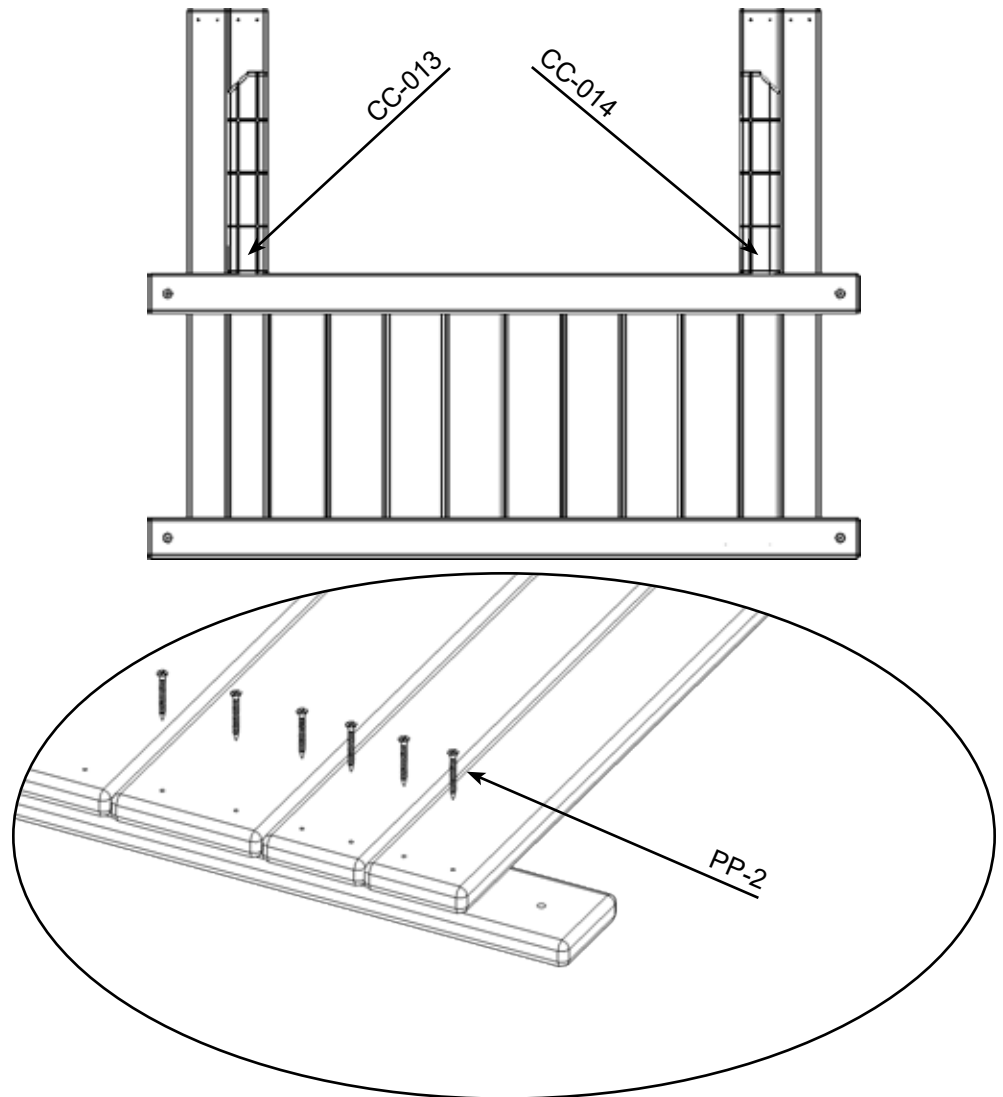
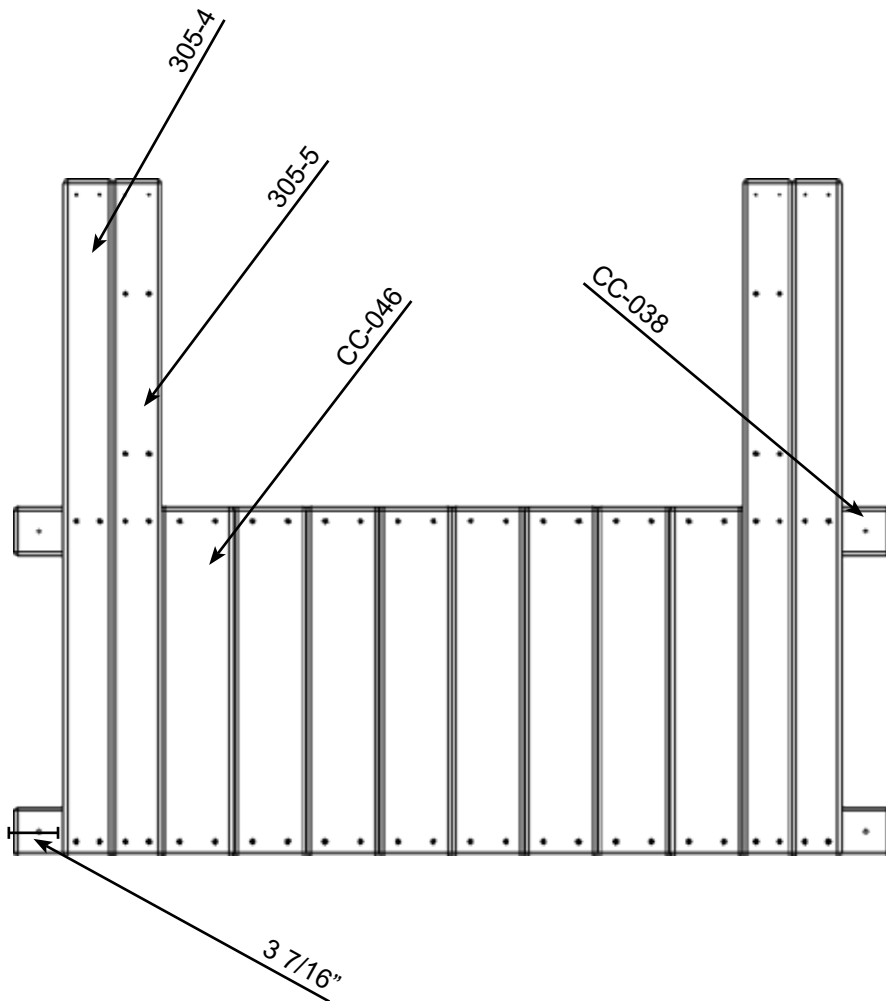
Playhouse Panel Assemblies (Store Panel)

PARTS NEEDED

305-4- 46 7/16" Panel Board #1-	(2)
305-5- 46 7/16" Panel Board #2-	(2)
CC-046- 24" Panel Board #4-	(8)
CC-038- 60 1/4" Side Facia-	(2)

HARDWARE NEEDED

PP-2- 1 1/2" Coated Deck Screw-	(56)
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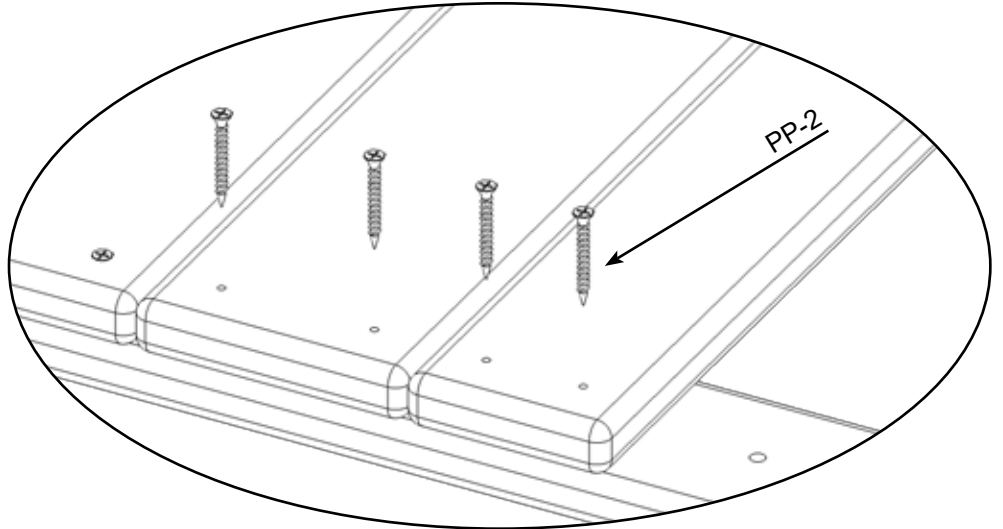
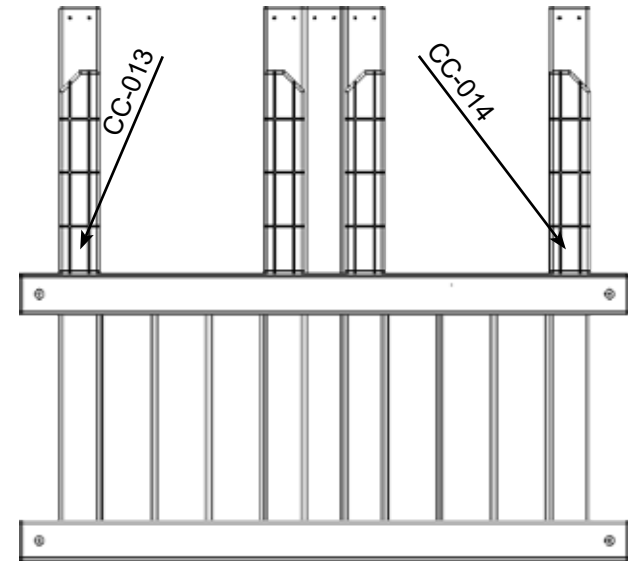
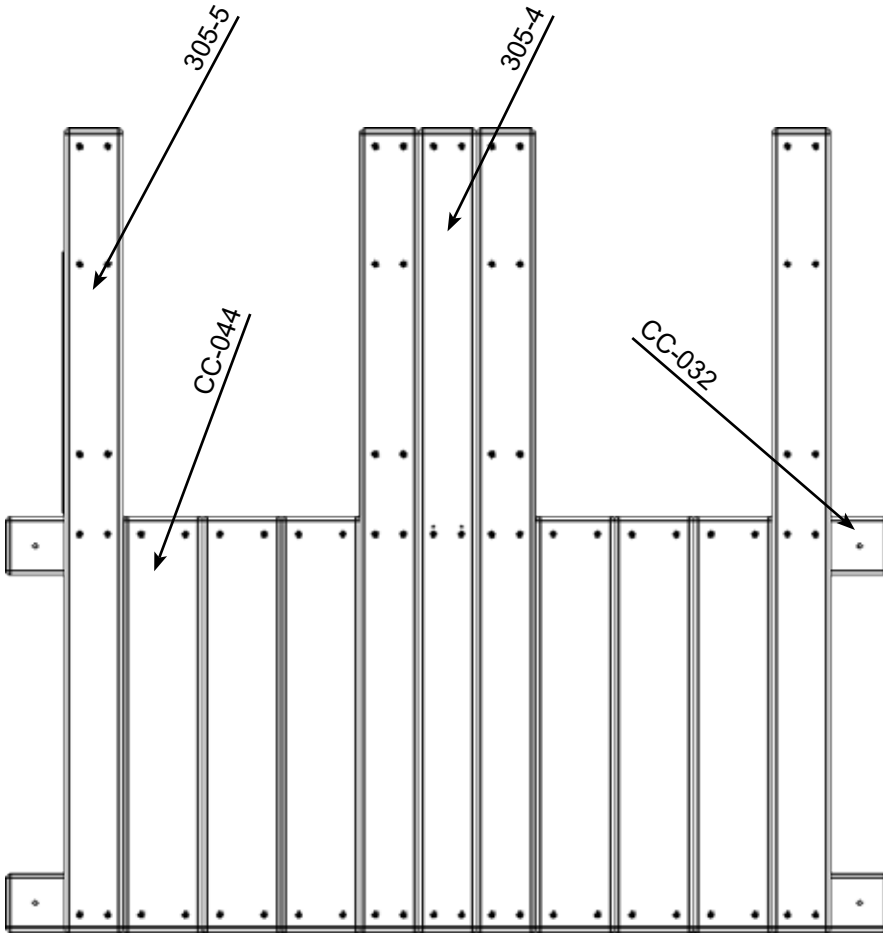
Playhouse Panel Assemblies (Double Window Panel QTY. 2)

PARTS NEEDED

305-5- 46 7/16" Panel Board #2-	(8)
305-4- 46 7/16" Panel Board #1-	(2)
CC-044- 24" Panel Board #3-	(12)
CC-032- 51 1/8" Panel Facia-	(4)
CC-013- 17" Left Window Shutter-	(4)
CC-014- 17" Right Window Shutter-	(4)

HARDWARE NEEDED

PP-2- 1 1/2" Coated Deck Screw-	(120)
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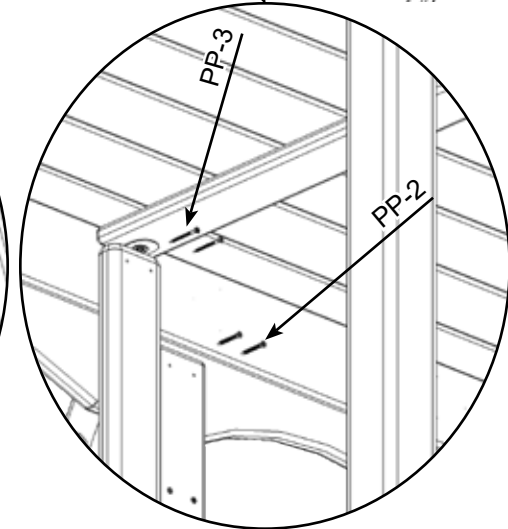
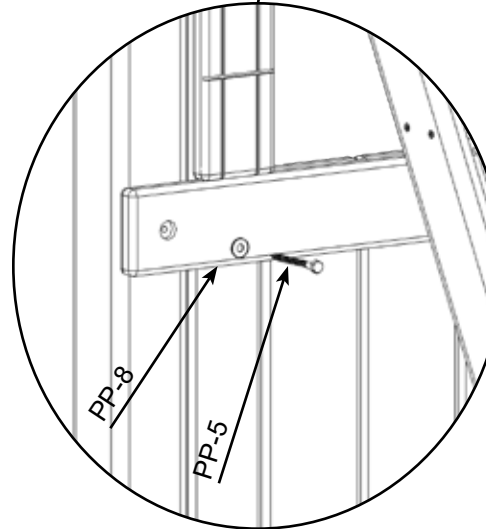
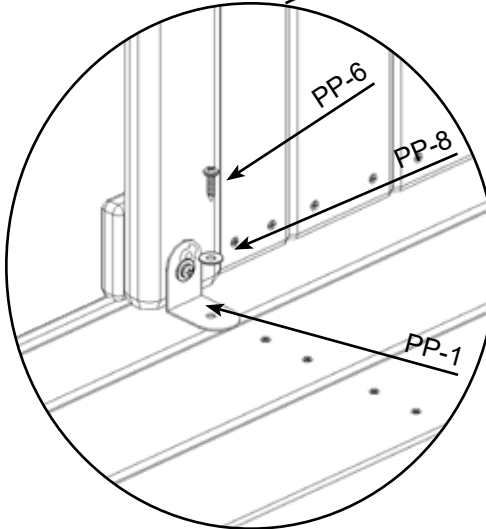
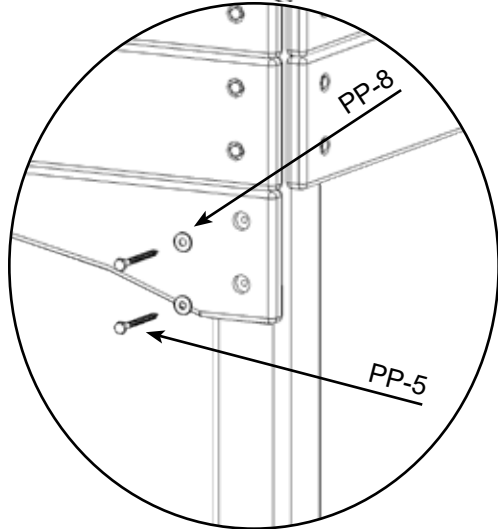
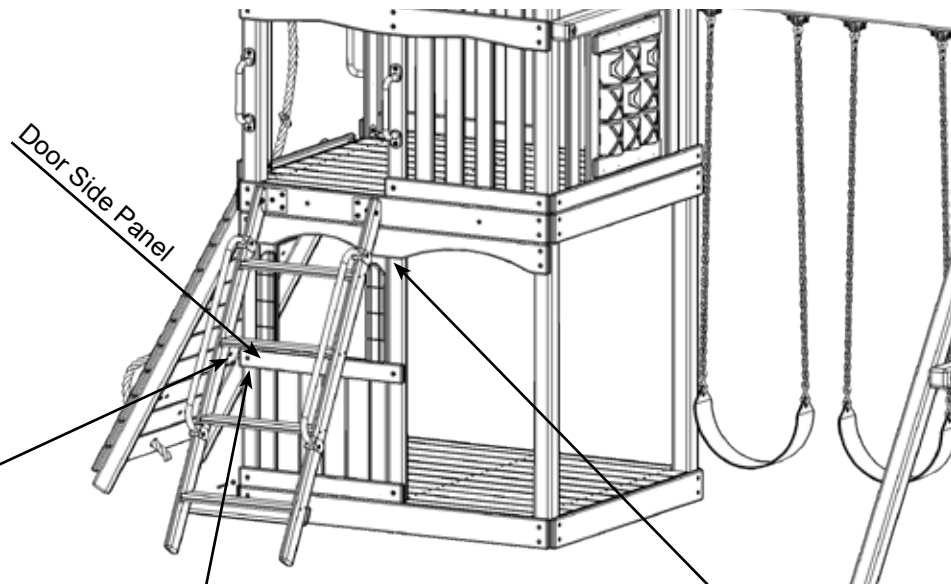
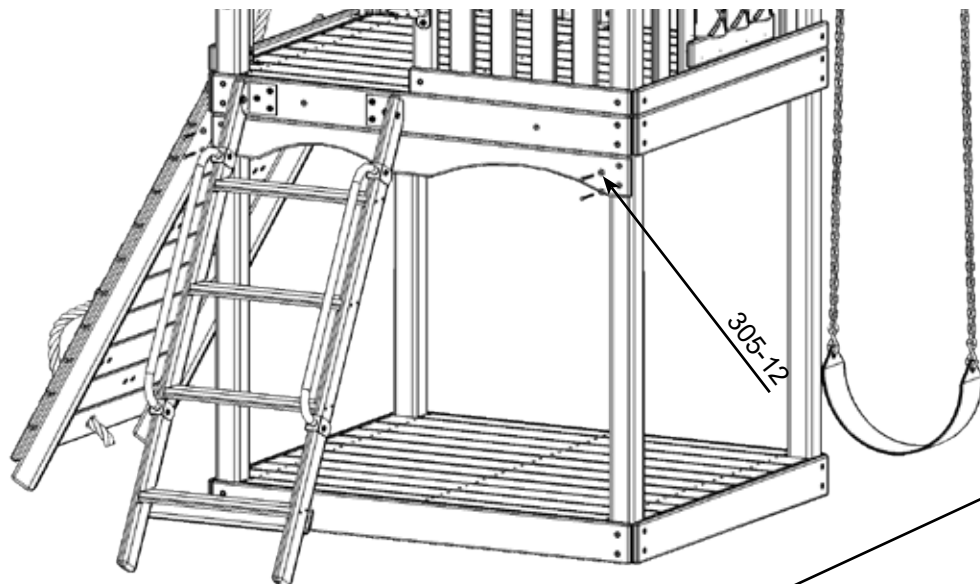
Playhouse Panel Install

PARTS NEEDED

305-12- 60 1/4" Door Side Arches- (1)
Door Side Panel- (1)

HARDWARE NEEDED

PP-8- 1/4" USS Flatwasher- (10)
PP-5- 1/4" x 3" Hex Lag Screw- (8)
PP-1- 90 Degree Bracket- (1)
PP-6- #14 x 1" Pan Phillips- (2)
PP-3- 2" Coated Deck Screw- (2)
PP-2- 1 1/2" Coated Deck Screw- (4)



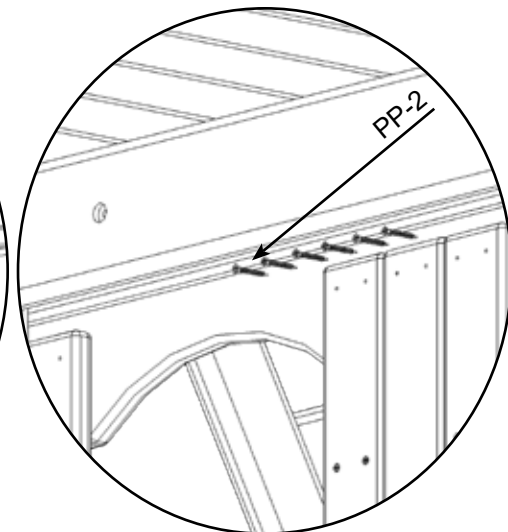
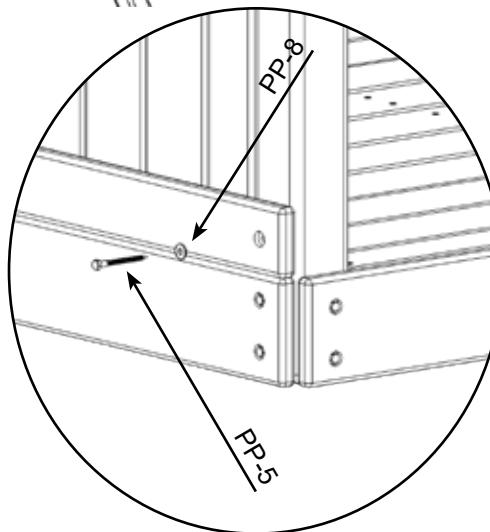
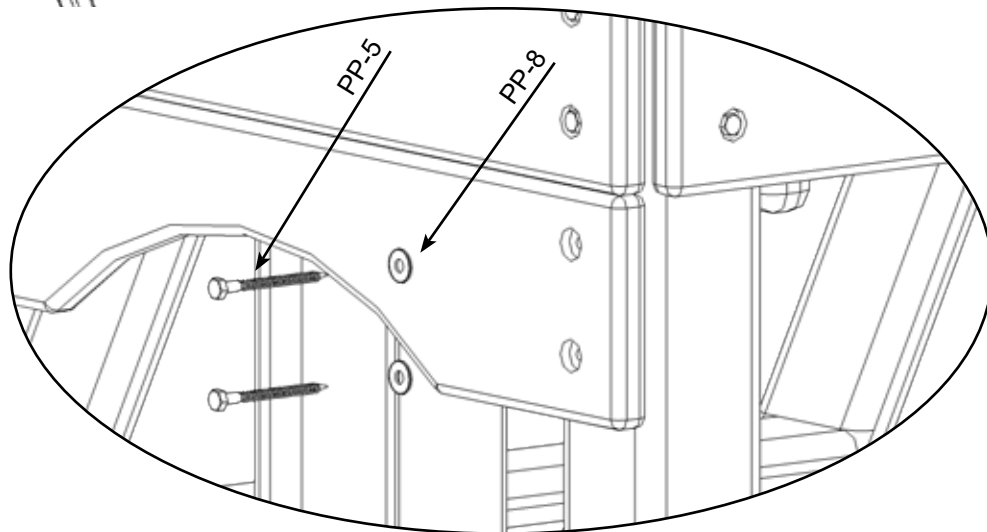
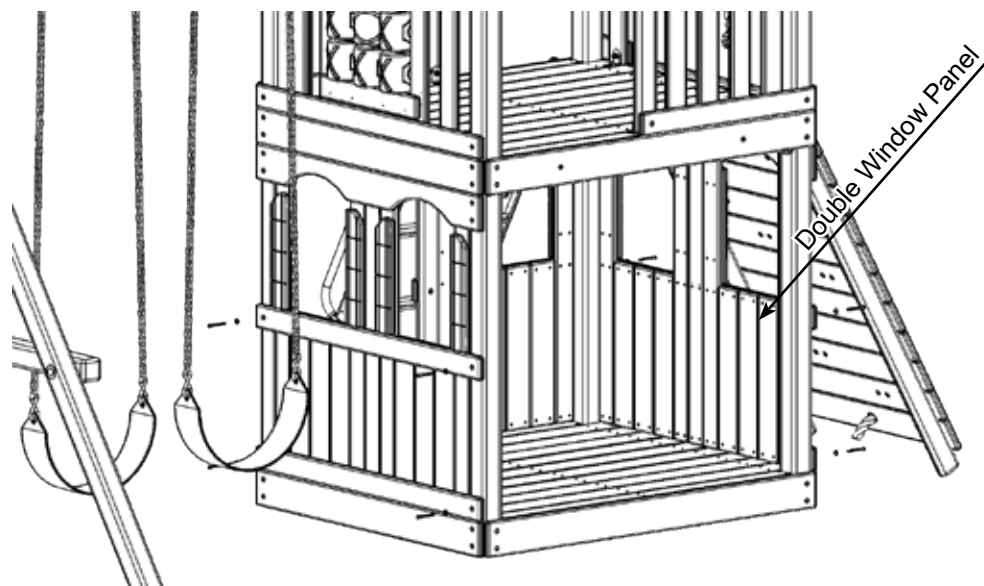
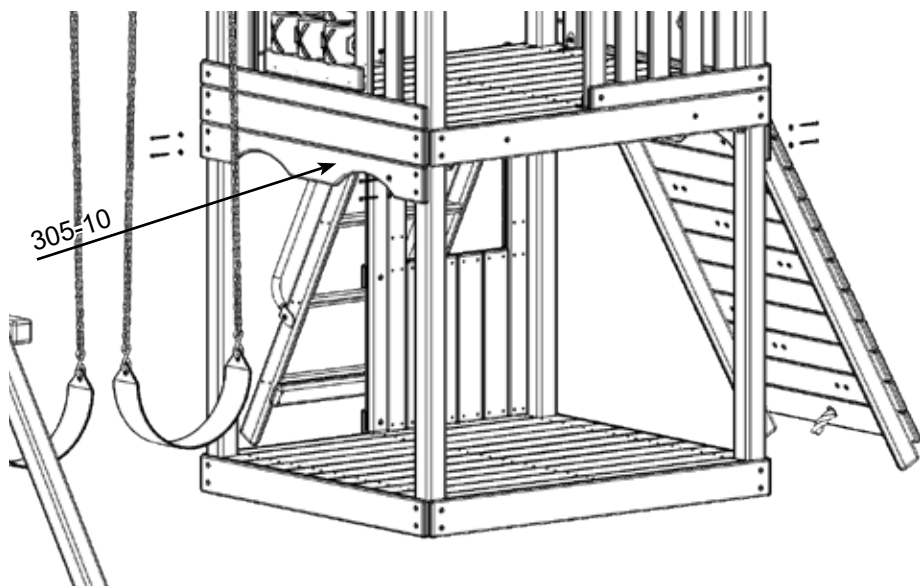
Playhouse Panel Install

PARTS NEEDED

305-10- 51 1/8" Panel Arch- (2)
Double Window Panel- (2)

HARDWARE NEEDED

PP-8- 1/4" USS Flatwasher- (16)
PP-5- 1/4" x 3" Hex Lag Screw- (16)
PP-2- 1 1/2" Coated Deck Screw- (20)



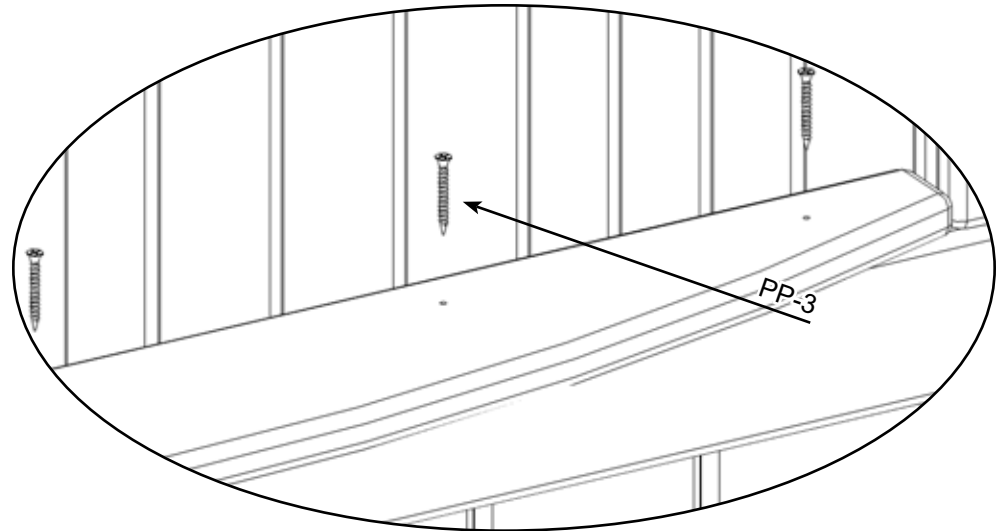
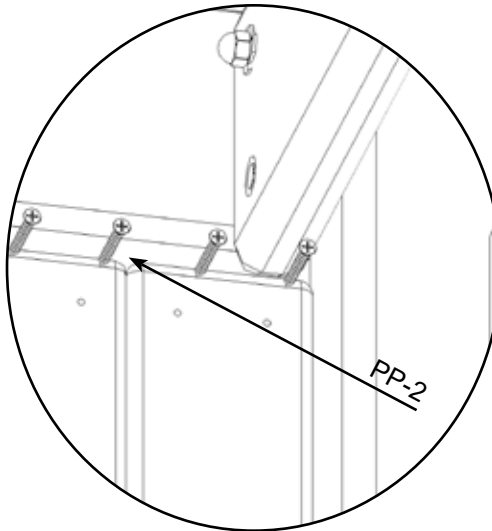
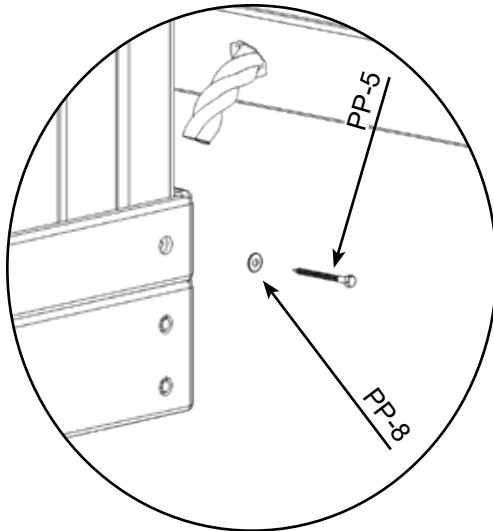
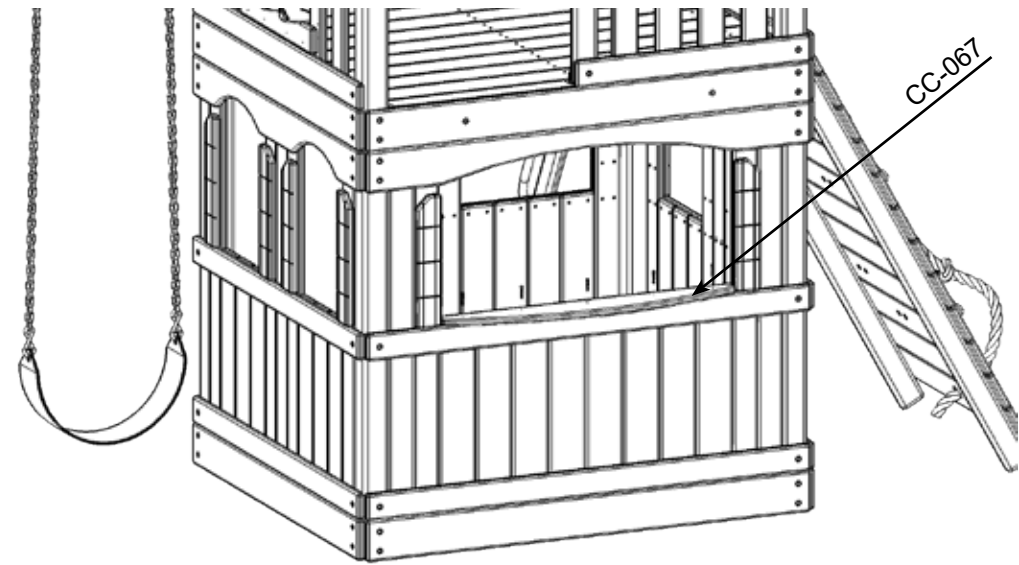
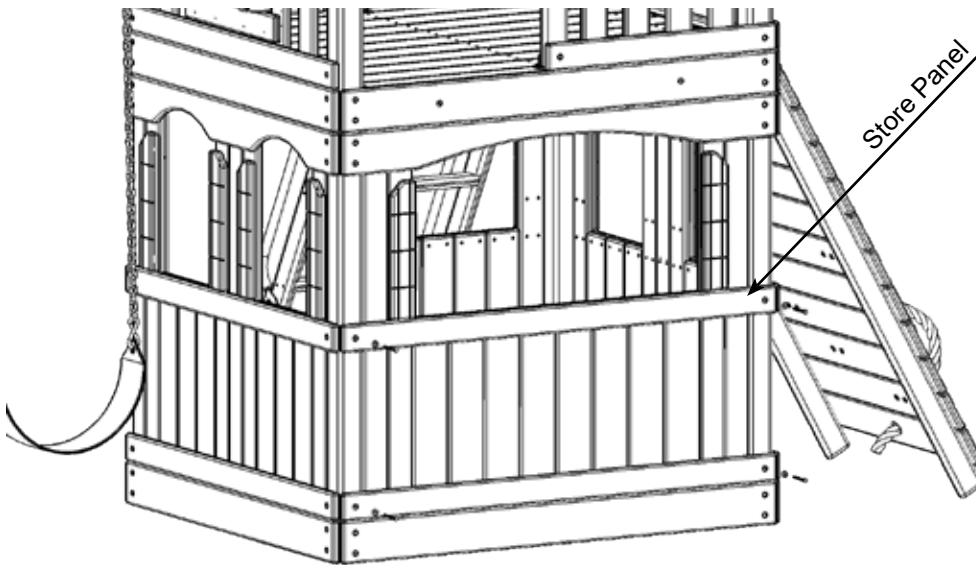
Playhouse Panel Install

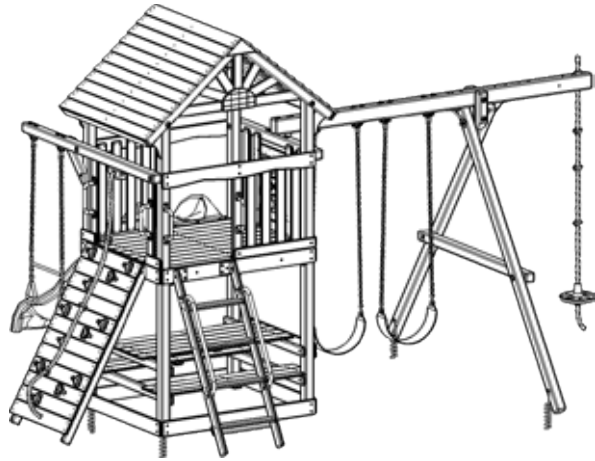
PARTS NEEDED

Store Panel- (1)
CC-067- 39 15/16" Store Counter- (1)

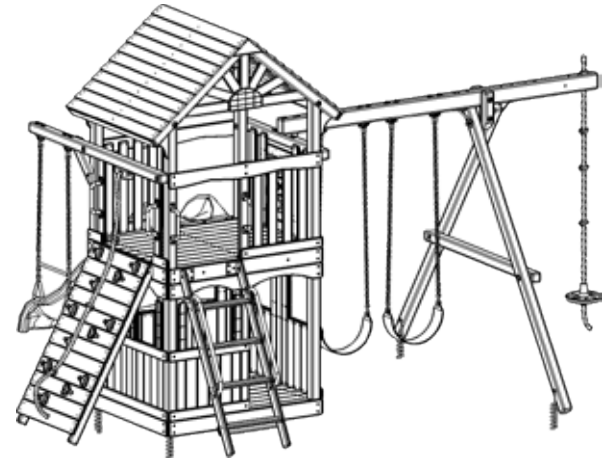
HARDWARE NEEDED

PP-8- 1/4" USS Flatwasher- (4)
PP-5- 1/4" x 3" Hex Lag Screw- (4)
PP-2- 1 1/2" Coated Deck Screw- (8)
PP-3- 2" Coated Deck Screw- (5)





5.0 PARROT ISLAND FORT

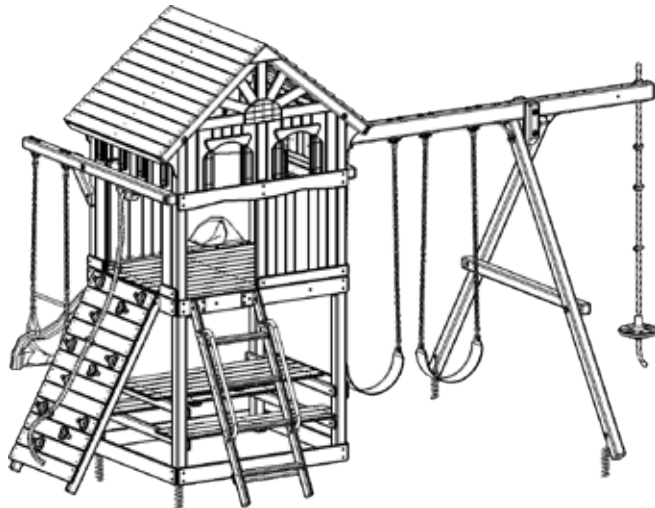


5.0 PARROT ISLAND FORT WITH PLAYHOUSE PANELS

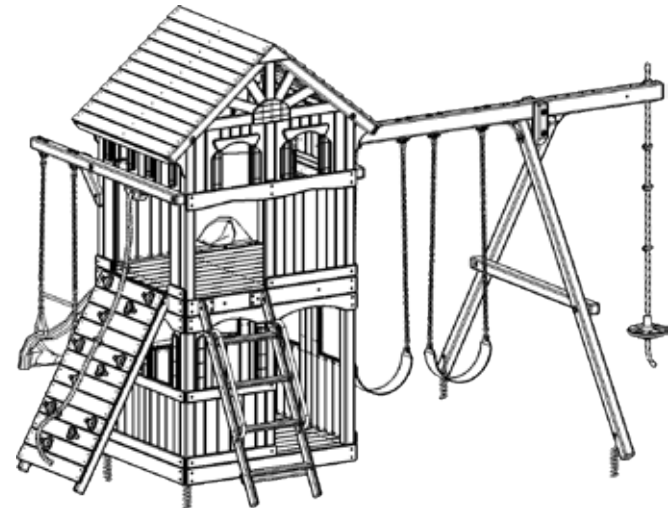


PARROT ISLAND FORT

5.0 PARROT ISLAND FORT WITH TREEHOUSE PANELS



5.0 PARROT ISLAND FORT FULLY ENCLOSED





4x4 Parrot Island Monkey Bar Installation Manual

Version 1B.18



Tools Needed for Assembly

Tape Measure	24" Level	Angle Square
Phillips Screw Driver	3/8" Cordless Drill or Electric Drill	3/8" Drive Ratchet or Electric Impact Gun
Claw Hammer or Rubber Mallet	Pliers or Vise Grips	7/16" Deep Well Socket
9/16" Deep Well Socket	3/4" Deep Well Socket	1/8", 1/4", and 9/16" Drill Bits
Phillips Head Screw Bits	An Adult with two Adult Helpers	

Please familiarize yourself with the install manual, parts/components and general construction process of your new swing set before getting started. Approximate assembly time: 6 to 8 hours. 6 foot unobstructed safety perimeter around swing set recommended.

IMPORTANT - PLEASE READ

As fresh lumber acclimates to its new environment, the natural tendencies of the tree can show itself 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.

Cosmetic defects that do not affect the structural integrity of the product, or natural defects of wood such as warping, checking or any other physical properties of wood that do not present a safety hazard, are not covered by this warranty.

Defects that develop because the product is exposed to extreme climate conditions are not covered by this warranty. Defects that develop as a result of faulty or improper installation of the product are also not covered by this warranty.

Most cracks are not warrantable, however if you believe that the integrity of your play set is compromised by this natural occurrence, please contact the Tree Frogs Swing Set Dealer that you purchased your swing set from.

We appreciate your purchase and know that you will enjoy your play system for many years to come.

Pre-Assembly Hints

- Depending on your experience, assembly of our play sets 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 more clearly 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 6ft from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
- All 1/4" and 3/8" lag bolts must have pre-drilled holes 1-1/2" to 2" deep. Use a 1/8" drill bit for the 1/4" lag bolts and 1/4" drill bit for 3/8" lag bolts. Use pre-drilled holes in facias as a reference for placing lag bolt pilot holes.
- If a board lifts or rises causing a gap between boards when running in lag bolts or screws, back out the screw or lag bolt and press or apply pressure (but not enough to crack or break board) while re-running in the lag bolt or screw in the same hole.
- Do not over tighten bolts, lag bolts or screws. You can damage boards, break hardware, and/or strip out the hardware.
- When using hammer do not beat on the hardware, but gently tap it in. Never beat on the wood as it will leave marks.

Leveling Your Swing Set 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, ladder, 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. ****

Choosing A Location For Your Playset

When choosing a location for your swing set, always keep your child or children's safety in mind. Here are some recommendations to help you locate and install a safe play area.

- This play set is designed for the use of 4 occupants who have a combined weight not exceeding 800 pounds on the elevated floor; 3 occupants who have a combined weight of 525 pounds on the swing area; for a total Unit capacity of 5 occupants who have a combined weight of 1325. (this weight is not including the picnic table area)
- On-site adult supervision is required.
- The swing set should be located on level ground. The stationary components such as ladders and slides are required to be a minimum of six feet from any structure or obstruction such as a fence, garage, house, tree, overhanging branches, electrical wires, clotheslines, etc. Any swinging equipment is also required to be a minimum distance twice the height of the swing beam away from these obstructions or structures as well. The swing set should be located a safe distance from any water hazards, such as a lake, river, bayou, swimming pool, etc.
- Do not install this residential swing set in a commercial setting. This swing set is not manufactured for commercial usage and will void all warranties. Tree Frogs Wooden Swing Set Factory is not responsible for any damages or injuries resulting from this swing set being used in a commercial setting.
- Never install this swing set indoors; or over concrete, asphalt, packed earth, grass, carpet or any other hard surface. A fall onto a hard surface can result in serious or fatal injury.
- The U.S. Consumer Product Safety Commission (CPSC) recommends that you install and maintain a resilient surface under your swing set. The CPSC's Consumer Information Sheet for Playground Surfacing Materials is on the next page. A resilient surface, should be installed after the swing set has been completely assembled according to these instructions. The swing set must rest on solid ground. Please note that this swing set has a maximum fall height of 7'.

Maintaining Your Swing Set

Here are some maintenance tips required to insure safe play on your swing set for years of fun.

- At the beginning of each usage season and every two weeks during, check: nuts and bolts and tighten as needed, swing seats, chains, ladders, slides, rope and wood components for sign of deterioration and replace if necessary.
- On a yearly basis, we recommend that you coat your swing set with a sealant or preservative. You may also want to spot sand any areas prior to sealing.

**** Special note: Although we recommend that you reseal your swing set annually, you may have to touch up the high traffic areas and/or areas that have a high exposure to direct sunlight.****

- Be sure that the sealant you select is non-toxic and child safe. Your local Tree Frogs Wooden Swing Set Factory dealer may offer a complete power wash and reseal and maintenance program.
- Do not use line trimmers or "weed eaters" around your swing set. The line will remove both paint and wood from uprights and base pieces. Any damage resulting from this type of abuse is not covered under our limited warranty.
- Remove plastic swing seats and take indoors or do not use when temperature drops below 0°F.

Please keep this install manual for future reference.

To insure SAFE PLAY adults must teach children:

- Not to walk close to, in front of, behind, or between moving items.
- Not to swing empty swing seats.
- Not to swing sideways into the path of adjacent swings.
- Not to use the swing set in a manner other than that for which it is intended.
- Not to get off the equipment while it is in motion.
- Not to jump off the tower.
- Not to stand in the swing seats.
- Not to swing so high that chains become slack, or above the height of the swing support.
- Not to jump on a slide.
- Not to climb on top of the swing support.
- Not to attach to the swing set any item that is not specifically designed for use with the equipment, such as (but not limited to) jump ropes, clotheslines, pet leashes, cables, and chains. These may become strangulation hazards.
- To hold on to swings and climbers with both hands.
- To slide feet first, never head first.
- To watch for other children while swinging or playing near the swing set.

To also insure SAFE PLAY adults must:

- Limit climbing and swinging heights to each child's ability.
- Verify that suspended climbing ropes are secured at both ends.
- Verify that suspended climbing ropes cannot be looped back on themselves.
- Dress children appropriately for play. Use well-fitted shoes that do not have slippery soles.
- Avoid ponchos, scarves, hoods, loose fitting clothing, neckties, and any clothing with a drawstring. Serious injury could result should any part of the children's clothing become entangled in the swing set.
- Do not allow children to play wearing helmets.
- Remember that children are inventive. When they develop games that are unsafe, be alert and change the rules.

Weight limits for Treefrogs Swingsets

Fort Platform: 800 Lbs.Total Weight.

Swing Belts: 175 Lbs.

Trapeze: 125 Lbs.

Full Bucket Swing: 50 Lbs.

Toddler Bucket Swing: 50 Lbs.

Tire Swing: 125 Lbs. Total Weight

Rope Ladder: 75 Lbs.

Rock Wall: 150 Lbs.

All Slides: 125 Lbs.

Tree Frogs recommends that the weight limits for all components must not be exceeded. Failure to adhere to these and other safety guidelines could result in damage to the swing set. and/or injury to the users.

CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS

The U.S. Consumer Product Safety Commission (CPSC) estimates that about 100,000 playground equipment related injuries resulting from falls to the ground surface are treated annually in U.S. hospital emergency rooms. Injuries involving this hazard pattern tend to be among the most serious of all playground injuries, and have the potential to be fatal, particularly when the injury is to the head. The surface under and around playground equipment can be a major factor in determining the injury-causing potential of a fall. It is self-evident that a fall onto a shock-absorbing surface is less likely to cause a serious injury than a fall onto a hard surface. However, it should be recognized that some injuries from falls will occur no matter what playground surfacing material is used.

Playground equipment should never be placed on hard surfaces such as concrete or asphalt. Grass may appear to be acceptable, but can turn to hard packed earth in areas of high traffic. Shredded bark mulch, wood chips, or fine gravel are considered to be acceptable shock absorbing surfaces when installed and maintained at a sufficient depth under and around play equipment.

TABLE 1 -CRITICAL HEIGHTS (in feet) OF TESTED MATERIAL

MATERIAL	UNCOMPRESSED DEPTH			COMPRESSED DEPTH
	6 Inch	9 Inch	12 Inch	
Wood Chips	7	10	11	10
Double Shredded Bark Mulch	6	10	11	7
Engineered Wood Fibers	6	7	>12	6
Fine Sand	5	5	9	5
Coarse Sand	5	5	6	4
Fine Gravel	6	7	10	6
Medium Gravel	5	5	6	5
Shredded Tires**	10-12	N/A	N/A	N/A

** This is data from tests conducted by independent testing laboratories on a 6 inch depth of uncompressed shredded tire samples produced by four manufacturers. The test 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.

Table 1 should be read as follows: If, for example, uncompressed wood chips are used at a minimum of 6 inches, the Critical Height is 7 feet. If 9 inches of uncompressed wood chips are used, the Critical Height is 10 feet. It should be noted that, for some materials, the Critical Height decreases when the material is compressed. It is recommended that a shock absorbing material should extend a minimum of 6 feet in all directions from the perimeter of stationary equipment such as climbers and slides. However, because children may deliberately jump from a moving swing, the shock absorbing material should extend in the front and rear of a swing a minimum distance of 2 times the height of the pivot point measured from a point directly beneath the pivot on the supporting structure.

This information is intended to assist in comparing the relative shock-absorbing properties of various materials. No particular material is recommended over another. However, each material is only effective when properly maintained. Materials should be checked periodically and replenished to maintain correct depth as determined necessary for your equipment. The choice of a material depends on the type and height of the playground equipment, the availability in your area, and its cost.

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:

Office of Public Affairs
U.S. Consumer Product Safety Commission
Washington, D.C. 20207

Toll-free Hotline: 1-800-638-2772 or at <http://www.cpsc.gov>

2018 TREE FROGS Limited Lifetime Warranty

Limited 10-Year Warranty, Limited 5-Year Warranty

Tree Frogs Warranties all Jaguar Playcenter Series, Bengal Forts Series, MegaDeck Fort Series Redwood components and Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for the period of 10 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product. The Redwood and Cedar components warranty is extended to a Limited Lifetime Warranty to the original owner upon registering this warranty within 90 days of purchase at www.treefrogsswingsets.com.

Tree Frogs Warranties all Parrot Island Fort Series, Parrot Island Playcenter Series, Rainforest Cottage Series Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for a period of 10 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product.

Tree Frogs Warranties all Toucan Fort Series, Toucan Playcenter Series, Orangutan Fort Series, Stand Alone Swings Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for a period of 5 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product.

In addition, a 10-Year Limited Warranty applies to all roto-molded slides, ductile iron swing hangers, tire swivels, metal climbing rungs and swing beam brackets against failure due to rust or failure in defect in material. Surface rust, fading, weathering, cracks/chips in coatings and corrosion that do not affect structural integrity are not covered by this warranty.

Furthermore, a 5-Year Limited Warranty applies to all components & accessories including all swings, chain ladders, gliders, handles, brackets, bubble panels, tarps, steering/ships wheels, telescopes, binoculars, buoy ball, blow molded slides and disc seat that are not covered under the 10-Year Warranty to be free from defects in material and workmanship. Surface rust, fading, weathering, cracks/chips in coatings and corrosion that do not affect structural integrity are not covered by this warranty.

And for a period of 1-Year Tree Frogs warranties all ropes, structural foam molded slides to be free of defects in material and workmanship. Fading is not considered a defect and may occur with seasonal and geographical conditions.

***10-Year Warranty Exclusion:** Toucan Fort Series, Toucan Playcenter Series, Orangutan Series, Stand Alone Swings (Limited 5Yr/5Yr/1Yr WARRANTY).

This warranty is limited to a repair or replacement of the defective part. Product covered under this warranty will be shipped at the customer's expense. Tree Frogs is not responsible for any expense associated with freight, or delivery and installation of the warranted part(s). Tree Frogs reserves the right to inspect all warranty claim parts for which a claim has been made.

This limited warranty applies only to the original retail purchaser and for residential use only, non-residential use voids warranty. These warranties void when product is transferred or sold or no longer in possession by original owner. A copy of the original invoice must be presented to initiate warranty claim. This limited warranty does not cover damage from abuse, acts of God, vandalism, maintenance guideline neglect, alterations, normal wear & tear, use other than residential, unauthorized modification, damage due to moving of product or improper installation and or use. Any modification could damage the structural integrity of the play system and voids all warranties.

This warranty is exclusive and expressly in lieu of all other warranties, expressed or implied, including warranties of merchantability or fitness for use. Tree Frogs does not assume, or authorize any person to assume for us, any other liability in connection with the sale of our products.

This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

Register your play system's warranty at www.treefrogsswingsets.com.

Tree Frogs reserves the right at any time to change product specifications or substitute similar components.

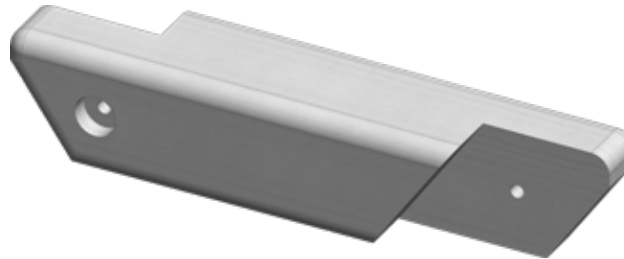
See your instruction manual for guidelines on regular maintenance. <http://treefrogsshowrooms.com/installation-manuals/> . Your child's play system & perimeter play zone should be inspected regularly for any wear & safety hazards.

4x4 Parrot Island Monkey Bar

030-1
Box 1 of 2
Right MB Gusset
QTY. 1



030-2
Box 1 of 2
Left MB Gusset
QTY. 1



030-3
Box 1 of 2
Right MB Overhead
QTY. 1



030-4
Box 1 of 2
Left MB Overhead
QTY. 1



030-5
Box 1 of 2
Right MB Support Leg
QTY. 1



030-6
Box 1 of 2
Left MB Supprt Leg
QTY. 1



030-HWR-BAG (4x4 PARROT ISLAND MONKEY BAR HARDWARE BAG)

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

A-1
3/8" Acorn Nut Plated
QTY. 1



A-2
1/2" Acorn Nut Plated
QTY. 2



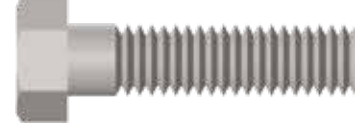
A-4
3/8" Hex Nut
QTY. 1



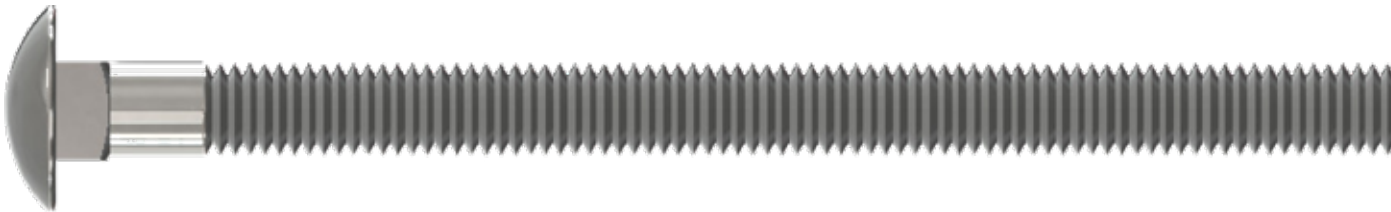
A-5
1/2" Hex Nut
QTY. 2



A-6
3/8" x 1 1/2" Hex Bolt
QTY. 1



A-3
1/2" x 7" Carriage Bolt
QTY. 2



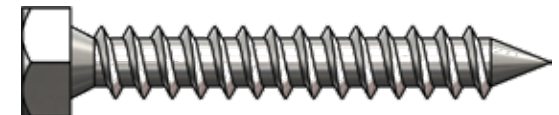
A-7
3/8" x 9" Hex Bolt
QTY. 1



A-9
3/8" x 3 1/2" Hex Lag Screw
QTY. 4



A-8
3/8" x 2 1/2" Hex Lag Screw
QTY. 1

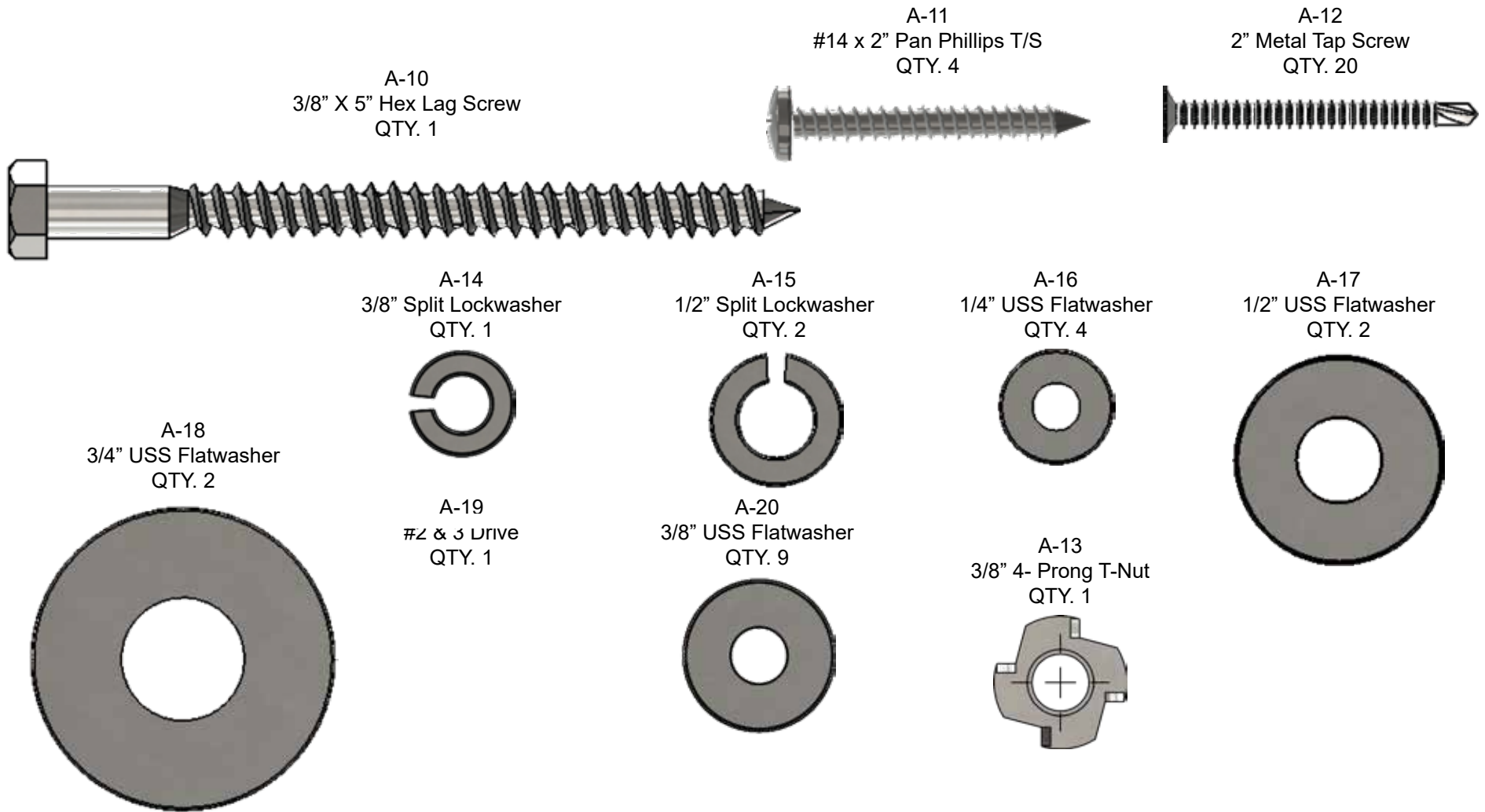


***Note: Hardware Pictures above may not be to scale, please use a Tape Measure to Verify Length.
Measurement should be taken from the bottom of the bolt head to the bottom of the bolt.***

**NOTE: HARDWARE PICTURES ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER FROM THE ACTUAL PRODUCT.
FOR EXAMPLE - TREAD COUNT AND LENGTH OF TREAD ON BOLT. ***

030-HWR-BAG (4x4 PARROT ISLAND MONKEY BAR HARDWARE BAG)

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)



Note: Hardware Pictures above may not be to scale, please use a Tape Measure to Verify Length. Measurement should be taken from the bottom of the bolt head to the bottom of the bolt.

NOTE: HARDWARE PICTURES ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER FROM THE ACTUAL PRODUCT. FOR EXAMPLE - TREAD COUNT AND LENGTH OF TREAD ON BOLT. *

4 x 4 Parrot Island Monkey Bar

030-A

1 1/4" x 21 13/16" Playgrip Tube
QTY. 6



030-B

1 1/4" x 28 5/16" Playgrip Tube
QTY. 4



030-C

1" Playgrip Ladder Handle
QTY. 2



030-D

90 Degree Ladder/RW Bracket
QTY. 1



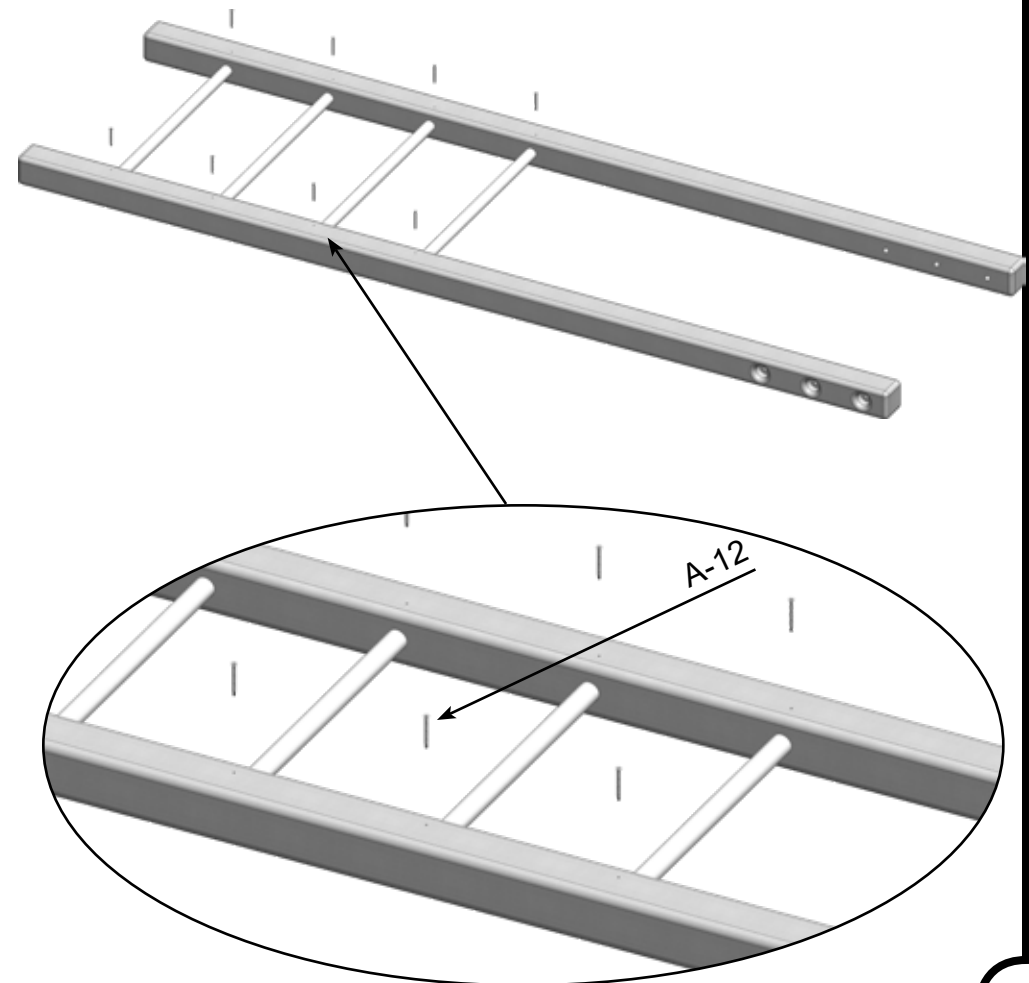
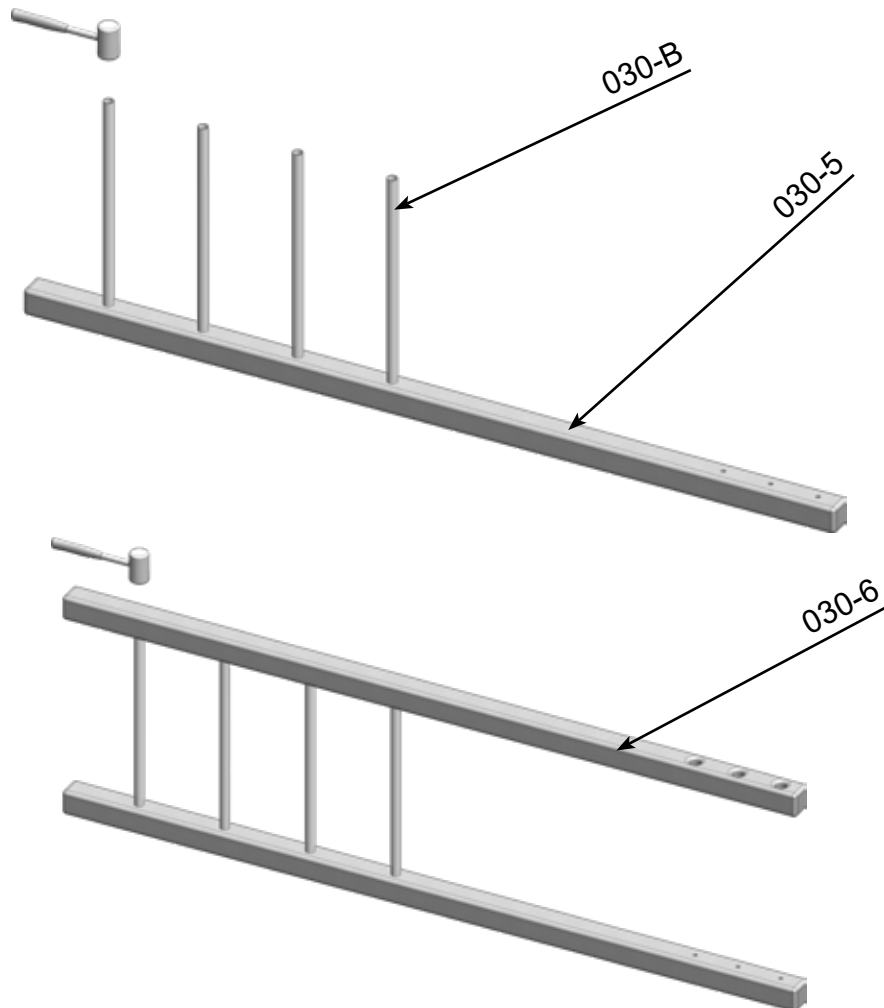
4x4 Parrot Island Monkey Bar Installation

PARTS NEEDED

- 030-5- Right MB Support Leg- (1)
- 030-6- Left MB Support Leg- (1)
- 030-B- 1 1/4" x 28 5/16" Playgrip Tube- (4)

HARDWARE NEEDED

- A-12- 2" Metal Tap Screw- (8)



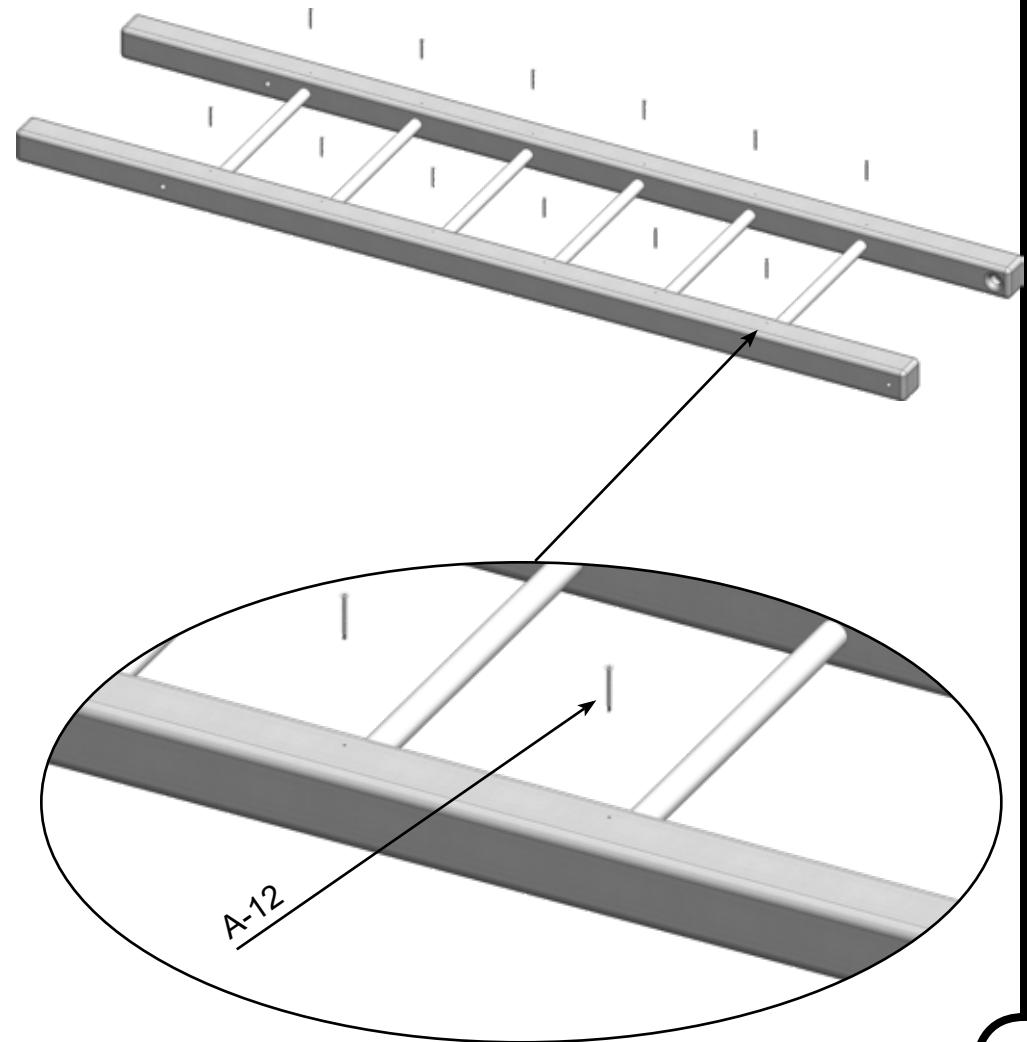
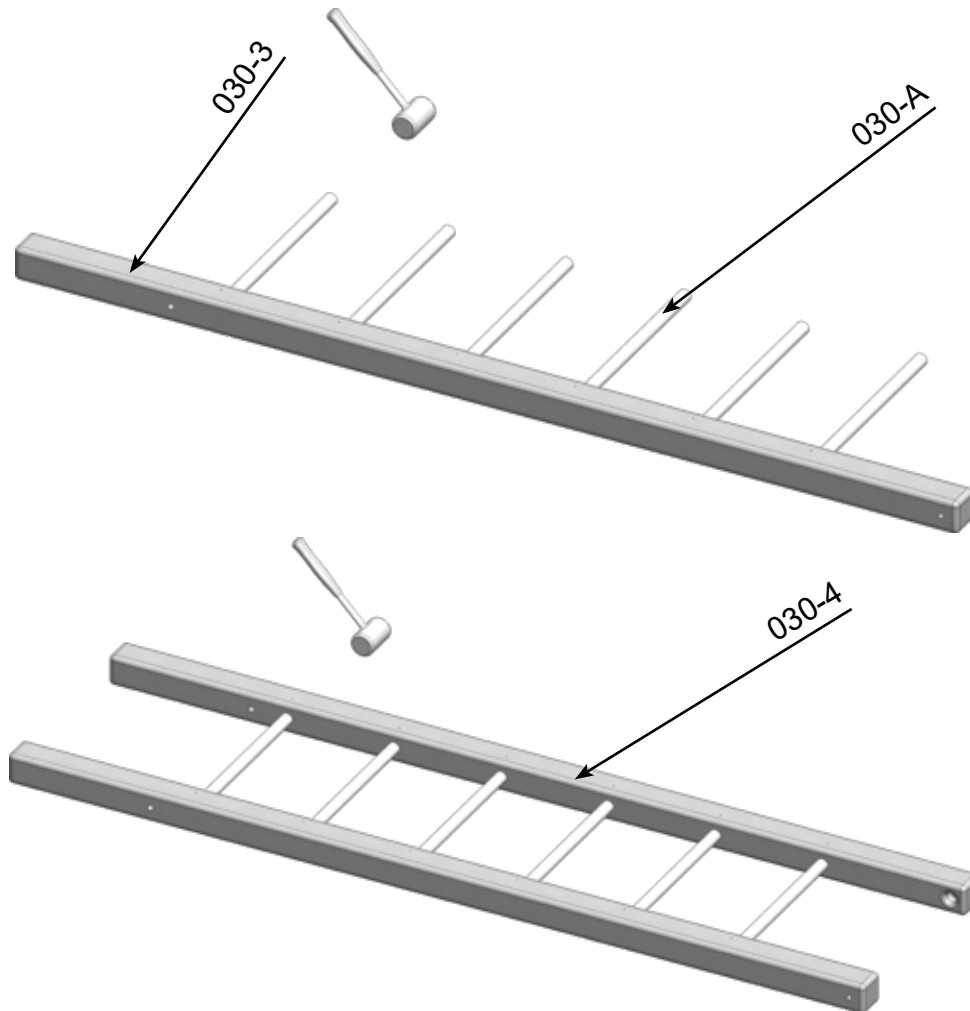
4x4 Parrot Island Monkey Bar Installation

PARTS NEEDED

030-3- Right MB Overhead- (1)
030-4- Left MB Overhead- (1)
030-A- 1 1/4" x 21 13/16" Playgrip Tube- (6)

HARDWARE NEEDED

A-12- 2" Metal Tap Screw- (12)



4x4 Parrot Island Monkey Bar Installation

PARTS NEEDED

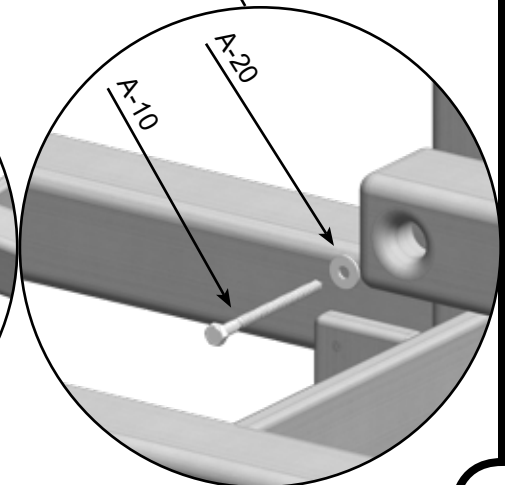
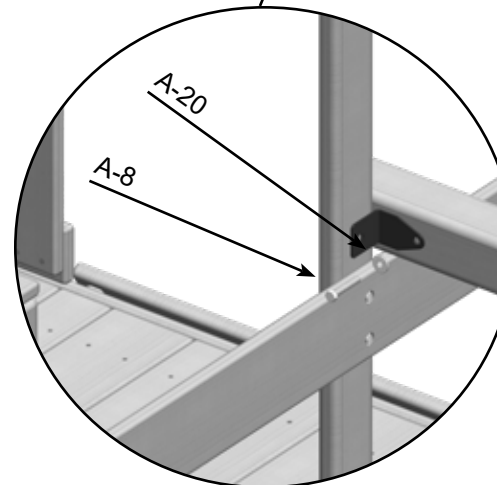
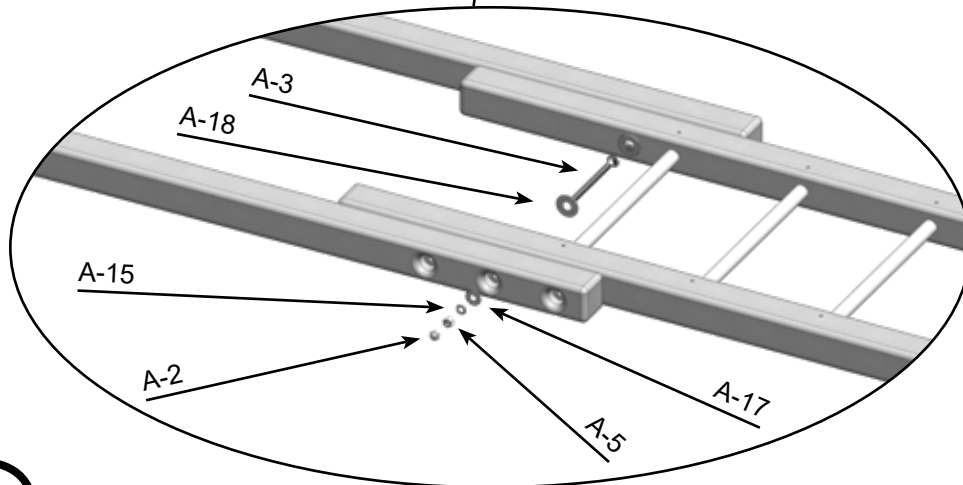
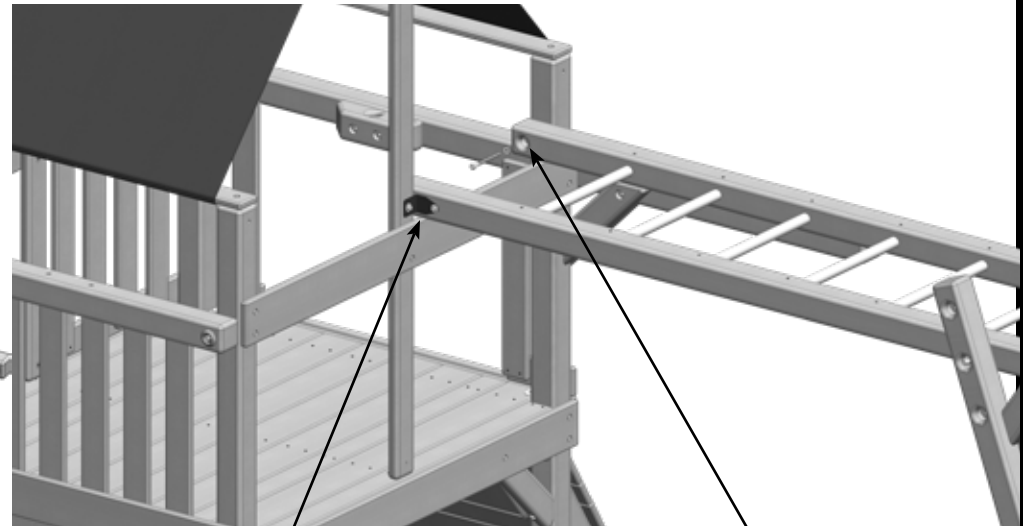
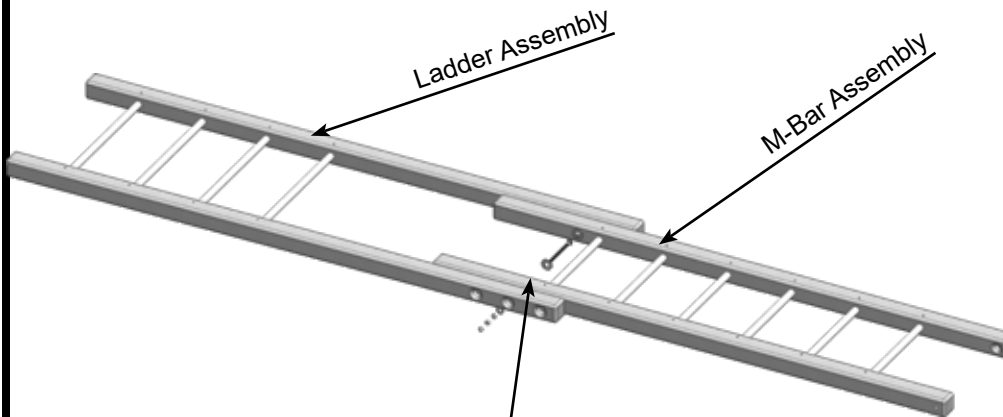
Ladder Assembly- (1)
M-Bar Assembly- (1)

A-3- 1/2" x 7" Carriage Bolt- (2)
A-17- 1/2" USS Flatwasher- (2)
A-5- 1/2" Hex Nut- (2)
A-10- 3/8" x 5" Hex Lag Screw- (1)
A-8- 3/8" x 2 1/2" Hex Lag Screw- (1)

HARDWARE NEEDED

A-18- 3/4" USS Flatwasher- (2)
A-15- 1/2" Split Lockwasher- (2)
A-2- 1/2" Acorn Nut- (2)
A-20- 3/8" USS Flatwasher- (2)

Attach to Parrot Island Fort



4x4 Parrot Island Monkey Bar Installation

PARTS NEEDED

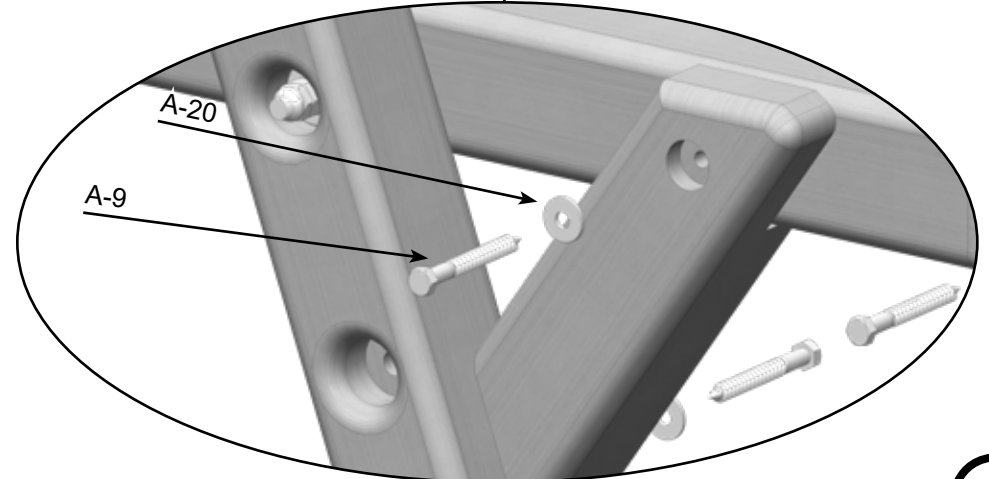
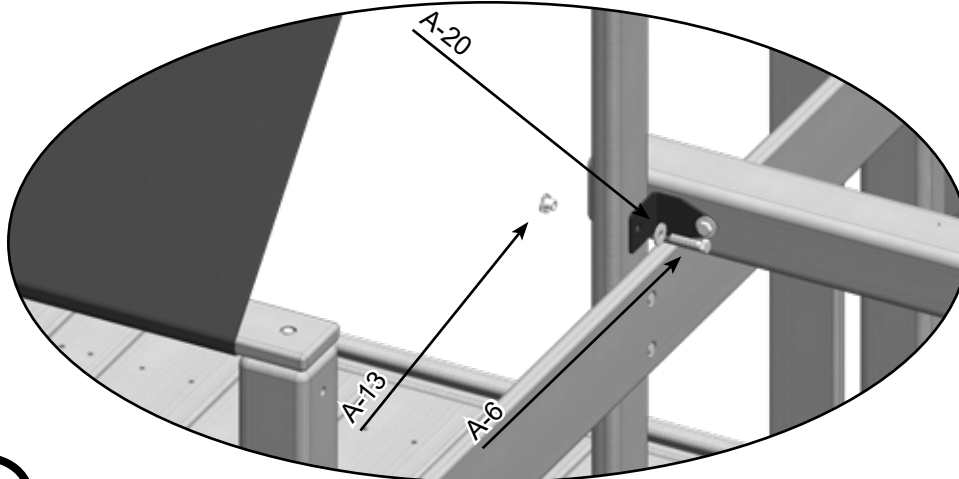
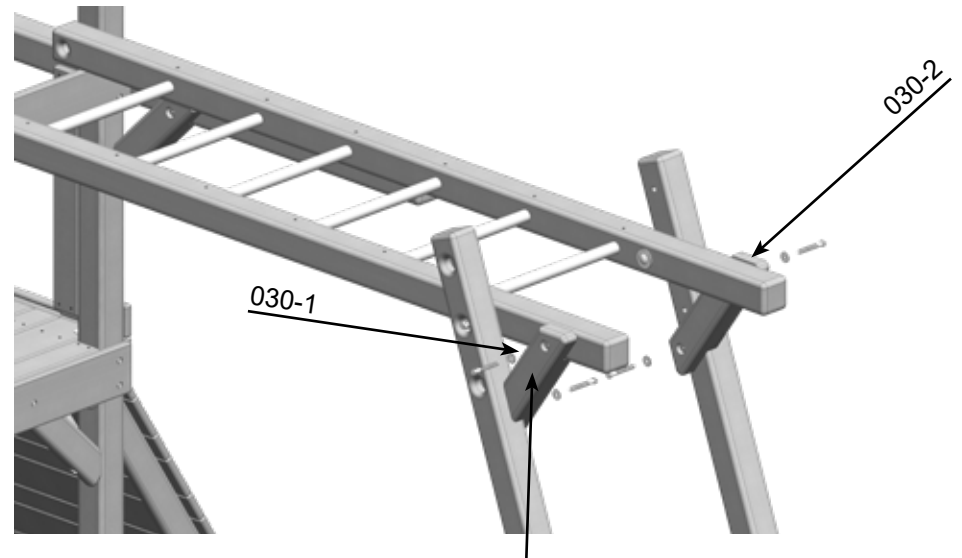
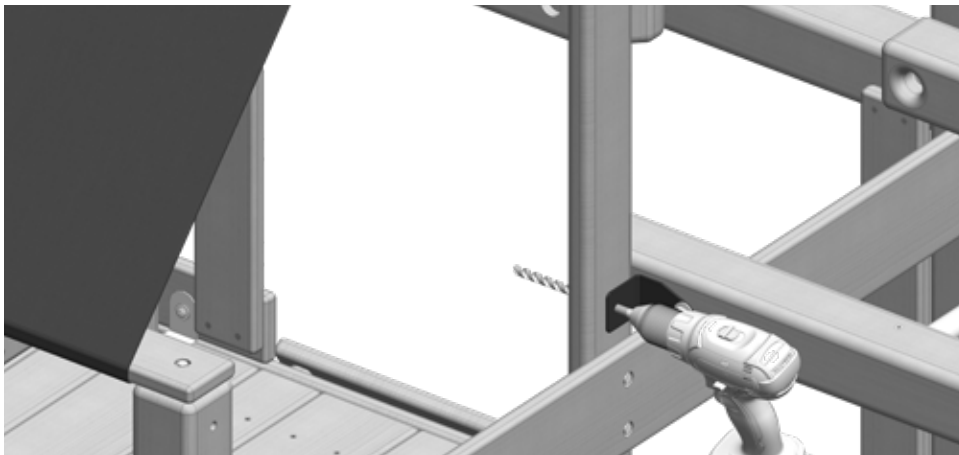
Full M-Bar Assembly-	(1)
030-1- Right MB Gusset-	(1)
030-2- Left MB Gusset-	(1)

HARDWARE NEEDED

A-20- 3/8" USS Flatwasher-	(5)
A-13- 3/8" 4 Prong T-Nut-	(1)
A-6- 3/8" x 1 1/2" Hex Bolt-	(1)
A-9- 3/8" x 3 1/2" Hex Lag Screw-	(4)

Attach to Parrot Island Fort

Using a 7/16" Drill bit drill a hole through the Center Post



4x4 Parrot Island Monkey Bar Installation

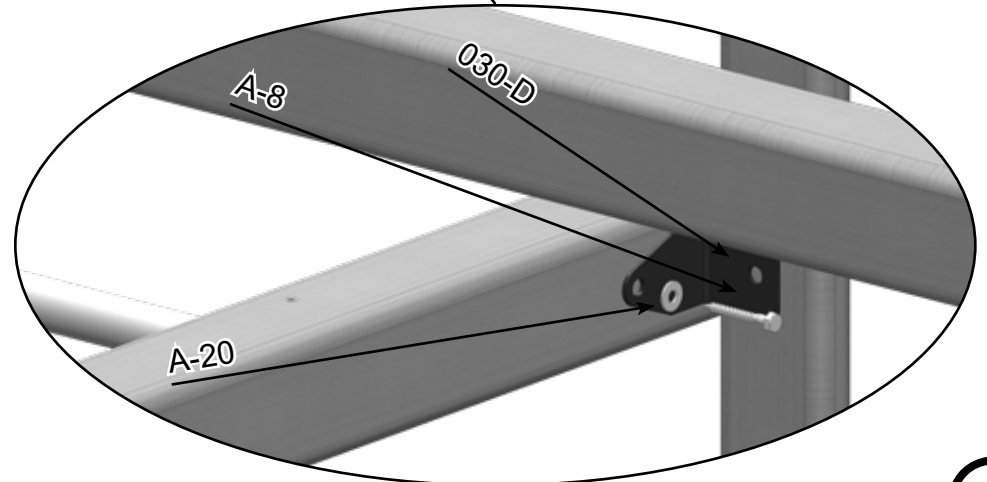
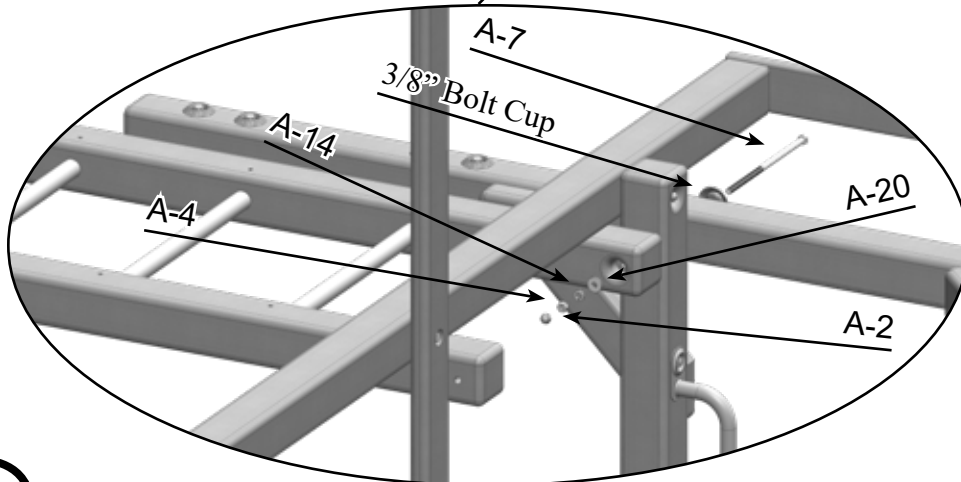
PARTS NEEDED

Full M-Bar Assembly- (1)
030-D- 90 Degree Ladder/ Rockwall Bracket- (1)

HARDWARE NEEDED

A-7- 3/8" x 9" Hex Bolt-	(1)	A-20- 3/8" USS Flatwasher-	(2)
A-14- 3/8" Split Lockwasher-	(1)	A-4- 3/8" Hex Nut-	(1)
A-1- 3/8" Acorn Nut-	(1)	A-8- 3/8" x 2 1/2" Hex Lag Screw-	(1)
(3/8" Bolt Cup Taken off to put M-Bar on)			

Attach to Parrot Island Playcenter



4x4 Parrot Island Monkey Bar Installation

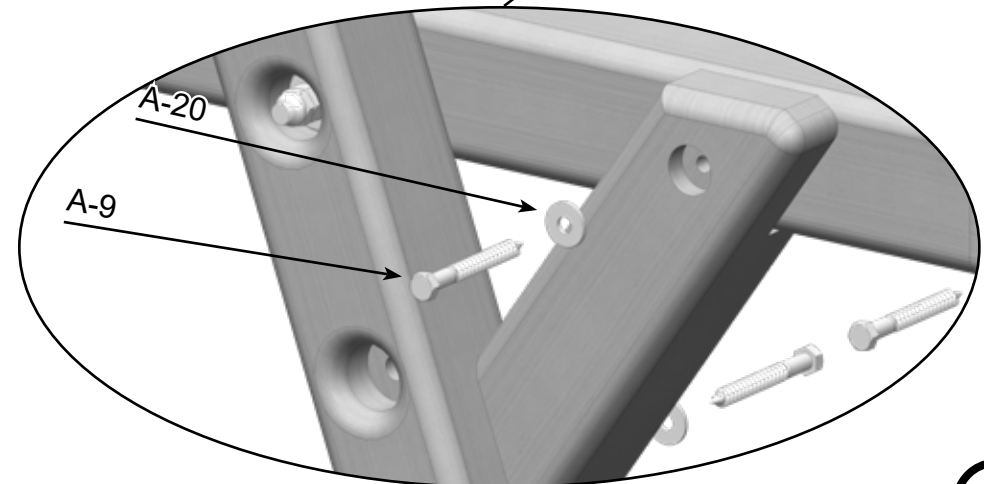
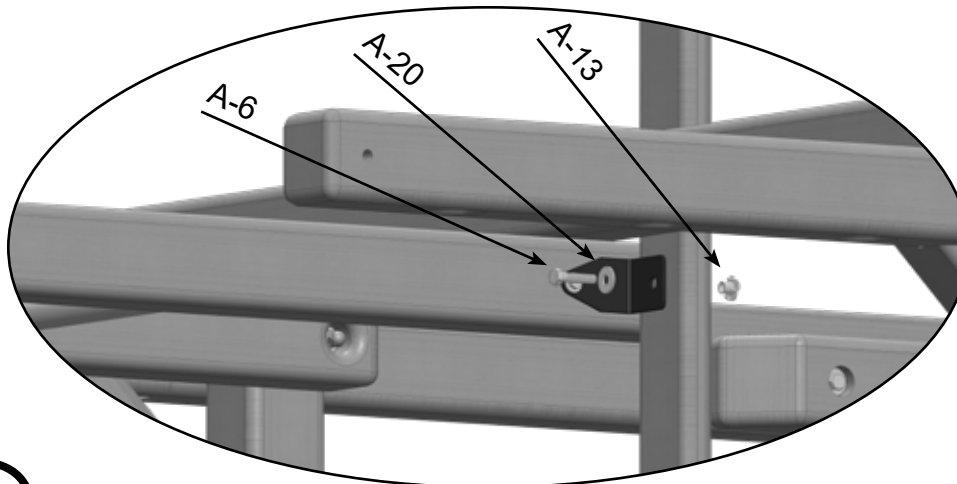
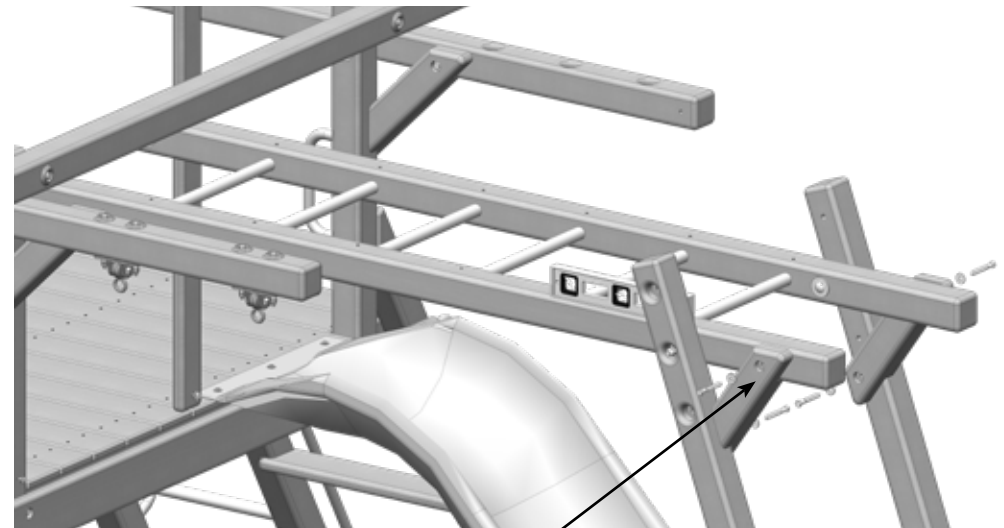
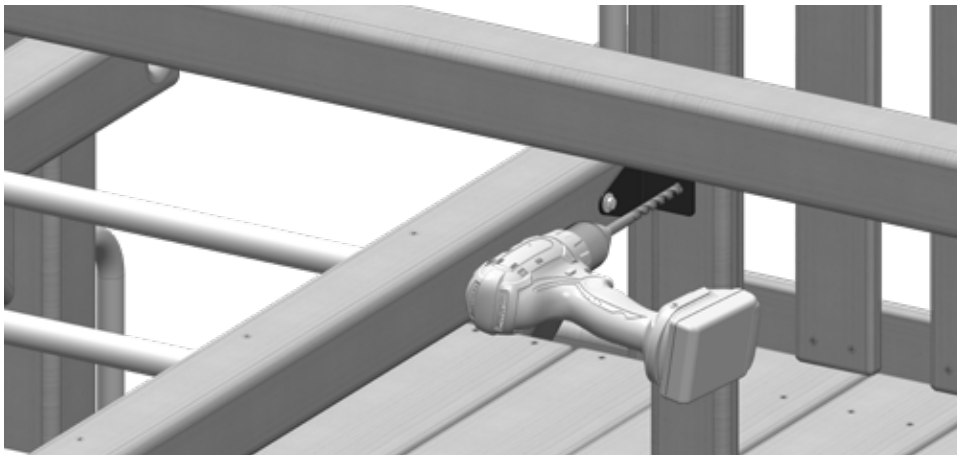
PARTS NEEDED

HARDWARE NEEDED

A-13- 3/8" 4 Prong T-Nut-	(1)
A-20- 3/8" USS Flatwasher-	(5)
A-6- 3/8" x 1 1/2" Hex Bolt-	(1)
A-9- 3/8" x 3 1/2" Hex Lag Screw-	(4)

Attach to Parrot Island Playcenter

Using a 7/16" Drill bit drill a hole through the Center Post

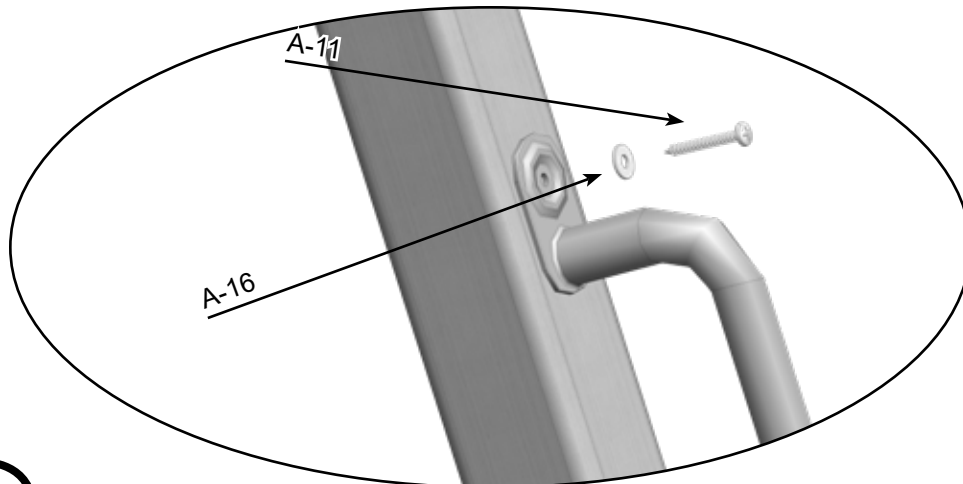
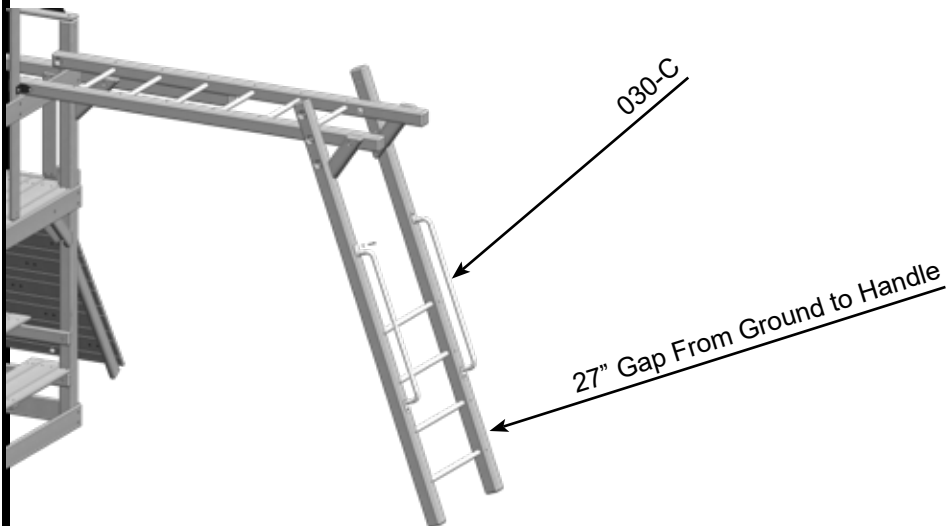


4x4 Parrot Island Monkey Bar Installation

Attach to PI Fort

PARTS NEEDED

030-C- 1" Playgrip Ladder Handles- (2)

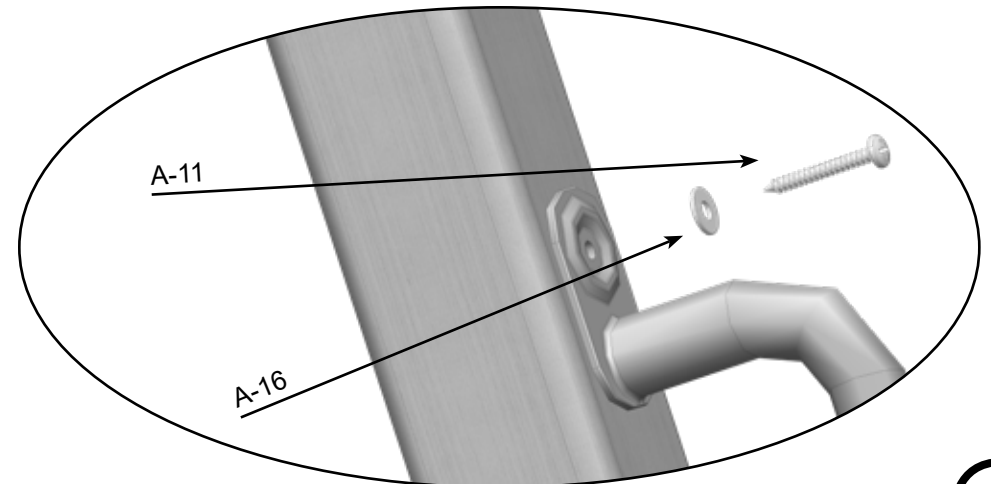
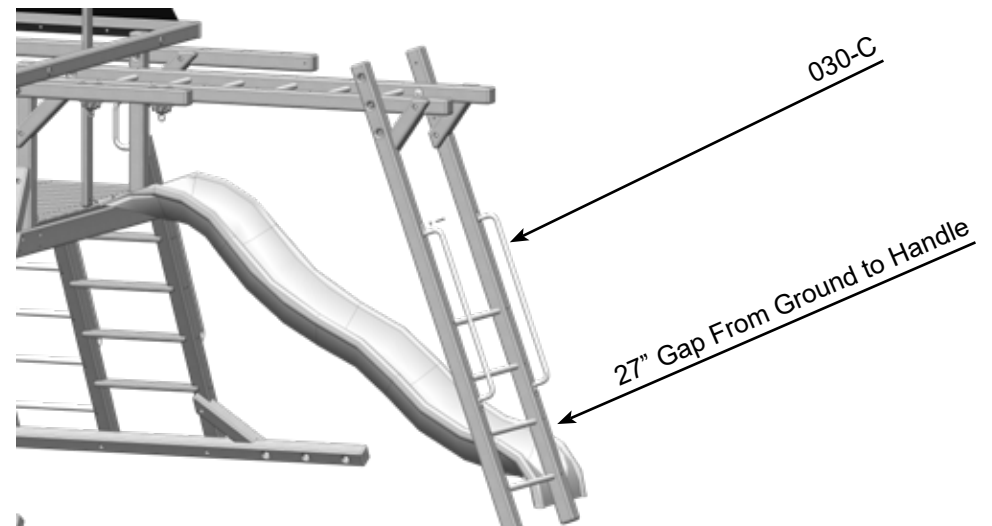


Attach to PI Playcenter

HARDWARE NEEDED

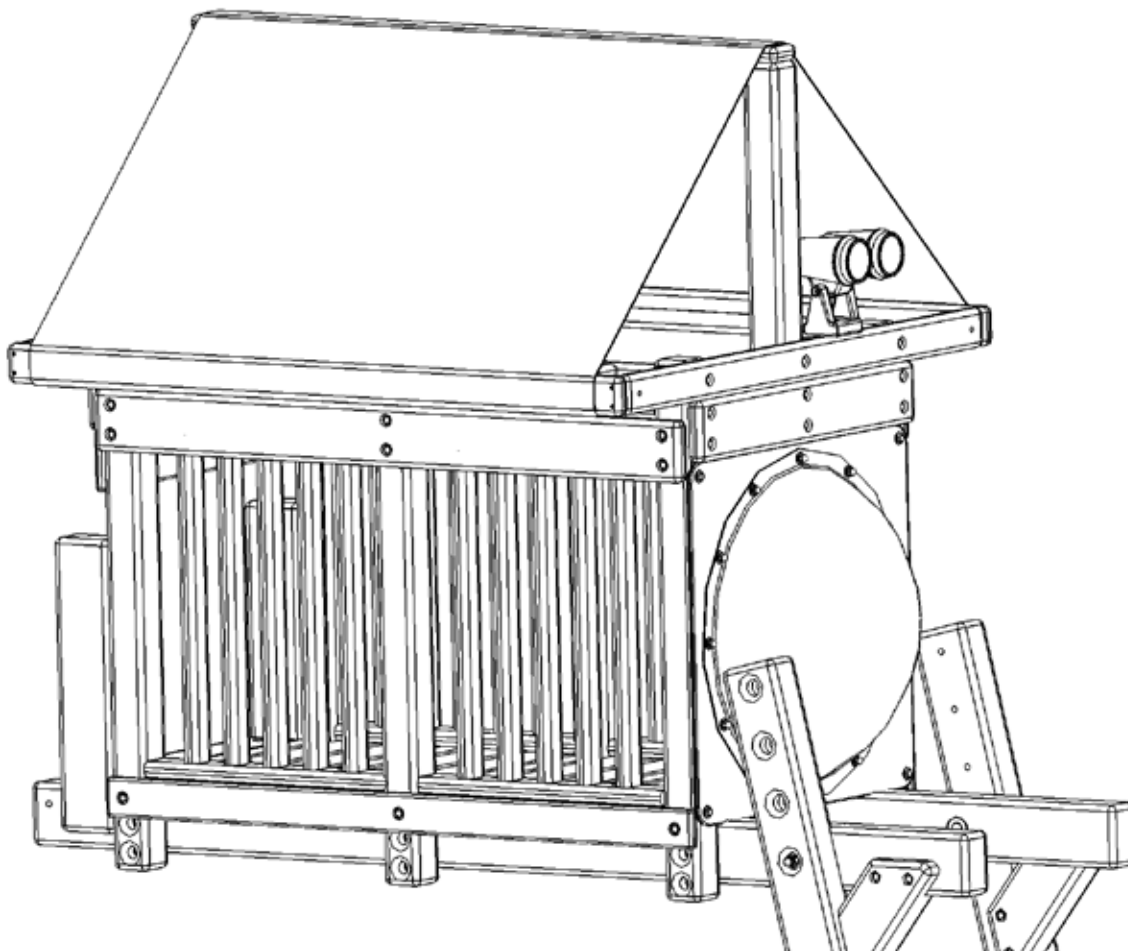
A-11- #14 x 2" Pan Phillips T/S- (4)

A-16- 1/4" USS Flatwasher- (4)





UNIVERSAL LOFT INSTALLATION MANUAL



VER. 1:20

Sections

Section 1: Cover & Liability Info

Section 2: Product Parts

Section 3: Sub-Assemblies

Section 4: Main Assembly

Section 5: Roof Options



4465 West Sam Houston Parkway N.
Houston, Texas 77041
WWW.TREEFROGSSHOWROOMS.COM

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IMPORTANT - PLEASE READ

As fresh lumber acclimates to its new environment, the natural tendencies of the tree can show itself 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.

Cosmetic defects that do not affect the structural integrity of the product, or natural defects of wood such as warping, checking or any other physical properties of wood that do not present a safety hazard, are not covered by this warranty.

Defects that develop because the product is exposed to extreme climate conditions are not covered by this warranty. Defects that develop as a result of faulty or improper installation of the product are also not covered by this warranty.

Most cracks are not warrantable, however if you believe that the integrity of your play set is compromised by this natural occurrence, please contact the Tree Frogs Swing Set Dealer that you purchased your swing set from.

We appreciate your purchase and know that you will enjoy your play system for many years to come.

Tools Needed for Assembly

Tape Measure	24" Level	Angle Square
Phillips Screw Driver	3/8" Cordless Drill or Electric Drill	3/8" Drive Ratchet or Electric Impact Gun
Claw Hammer or Rubber Mallet	Pliers or Vise Grips	7/16" Deep Well Socket
9/16" Deep Well Socket	3/4" Deep Well Socket	1/8", 1/4", and 9/16" Drill Bits
Phillips Head Screw Bits	An Adult with two Adult Helpers	

Please familiarize yourself with the install manual, parts/components and general construction process of your new swing set before getting started. Approximate assembly time: 6 to 8 hours. 6 foot unobstructed safety perimeter around swingset recommended.

Pre-Assembly Hints

- Depending on your experience, assembly of our play sets 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 more clearly 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 6ft from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
- All 1/4" and 3/8" lag bolts must have pre-drilled holes 1-1/2" to 2" deep. Use a 1/8" drill bit for the 1/4" lag bolts and 1/4" drill bit for 3/8" lag bolts. Use pre-drilled holes in facias as a reference for placing lag bolt pilot holes.
- If a board lifts or rises causing a gap between boards when running in lag bolts or screws, back out the screw or lag bolt and press or apply pressure (but not enough to crack or break board) while re-running in the lag bolt or screw in the same hole.
- Do not over tighten bolts, lag bolts or screws. You can damage boards, break hardware, and/or strip out the hardware.
- When using hammer do not beat on the hardware, but gently tap it in. Never beat on the wood as it will leave marks.

Leveling Your Swing Set 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, ladder, 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. ****

Choosing A Location For Your Playset

When choosing a location for your swing set, always keep your child or children's safety in mind. Here are some recommendations to help you locate and install a safe play area.

- This play set is designed for the use of 4 occupants who have a combined weight not exceeding 800 pounds on the elevated floor; 3 occupants who have a combined weight of 525 pounds on the swing area; for a total Unit capacity of 5 occupants who have a combined weight of 1325. (this weight is not including the picnic table area)
- On-site adult supervision is required.
- The swing set should be located on level ground. The stationary components such as ladders and slides are required to be a minimum of six feet from any structure or obstruction such as a fence, garage, house, tree, overhanging branches, electrical wires, clotheslines, etc. Any swinging equipment is also required to be a minimum distance twice the height of the swing beam away from these obstructions or structures as well. The swing set should be located a safe distance from any water hazards, such as a lake, river, bayou, swimming pool, etc.
- Do not install this residential swing set in a commercial setting. This swing set is not manufactured for commercial usage and will void all warranties. Tree Frogs Wooden Swing Set Factory is not responsible for any damages or injuries resulting from this swing set being used in a commercial setting.
- Never install this swing set indoors; or over concrete, asphalt, packed earth, grass, carpet or any other hard surface. A fall onto a hard surface can result in serious or fatal injury.
- The U.S. Consumer Product Safety Commission (CPSC) recommends that you install and maintain a resilient surface under your swing set. The CPSC's Consumer Information Sheet for Playground Surfacing Materials is on the next page. A resilient surface, should be installed after the swing set has been completely assembled according to these instructions. The swing set must rest on solid ground. Please note that this swing set has a maximum fall height of 7'.

Maintaining Your Swing Set

Here are some maintenance tips required to insure safe play on your swing set for years of fun.

- At the beginning of each usage season and every two weeks during, check: nuts and bolts and tighten as needed, swing seats, chains, ladders, slides, rope and wood components for sign of deterioration and replace if necessary.
- On a yearly basis, we recommend that you coat your swing set with a sealant or preservative. You may also want to spot sand any areas prior to sealing.

**** Special note: Although we recommend that you reseal your swing set annually, you may have to touch up the high traffic areas and/or areas that have a high exposure to direct sunlight.****

- Be sure that the sealant you select is non-toxic and child safe. Your local Tree Frogs Wooden Swing Set Factory dealer may offer a complete power wash and reseal and maintenance program.
- Do not use line trimmers or "weed eaters" around your swing set. The line will remove both paint and wood from uprights and base pieces. Any damage resulting from this type of abuse is not covered under our limited warranty.
- Remove plastic swing seats and take in doors or do not use when temperature drops below 0°F.

Please keep this install manual for future reference.

To insure SAFE PLAY adults must teach children:

- Not to walk close to, in front of, behind, or between moving items.
- Not to swing empty swing seats.
- Not to swing sideways into the path of adjacent swings.
- Not to use the swing set in a manner other than that for which it is intended.
- Not to get off the equipment while it is in motion.
- Not to jump off the tower.
- Not to stand in the swing seats.
- Not to swing so high that chains become slack, or above the height of the swing support.
- Not to jump on a slide.
- Not to climb on top of the swing support.
- Not to attach to the swing set any item that is not specifically designed for use with the equipment, such as (but not limited to) jump ropes, clotheslines, pet leashes, cables, and chains. These may become strangulation hazards.
- To hold on to swings and climbers with both hands.
- To slide feet first, never head first.
- To watch for other children while swinging or playing near the swing set.

To also insure SAFE PLAY adults must:

- Limit climbing and swinging heights to each child's ability.
- Verify that suspended climbing ropes are secured at both ends.
- Verify that suspended climbing ropes cannot be looped back on themselves.
- Dress children appropriately for play. Use well-fitted shoes that do not have slippery soles.
- Avoid ponchos, scarves, hoods, loose fitting clothing, neckties, and any clothing with a drawstring. Serious injury could result should any part of the children's clothing become entangled in the swing set.
- Do not allow children to play wearing helmets.
- Remember that children are inventive. When they develop games that are unsafe, be alert and change the rules.

Weight limits for Treefrogs Swingsets

Fort Platform: 800 Lbs.Total Weight.

Swing Belts: 175 Lbs.

Trapeze: 125 Lbs.

Full Bucket Swing: 50 Lbs.

Toddler Bucket Swing: 50 Lbs.

Tire Swing: 125 Lbs. Total Weight

Rope Ladder: 75 Lbs.

Rock Wall: 150 Lbs.

All Slides: 125 Lbs.

Tree Frogs recommends that the weight limits for all components must not be exceeded. Failure to adhere to these and other safety guidelines could result in damage to the swing set. and/or injury to the users.

CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS

The U.S. Consumer Product Safety Commission (CPSC) estimates that about 100,000 playground equipment related injuries resulting from falls to the ground surface are treated annually in U.S. hospital emergency rooms. Injuries involving this hazard pattern tend to be among the most serious of all playground injuries, and have the potential to be fatal, particularly when the injury is to the head. The surface under and around playground equipment can be a major factor in determining the injury-causing potential of a fall. It is self-evident that a fall onto a shock-absorbing surface is less likely to cause a serious injury than a fall onto a hard surface. However, it should be recognized that some injuries from falls will occur no matter what playground surfacing material is used.

Playground equipment should never be placed on hard surfaces such as concrete or asphalt. Grass may appear to be acceptable, but can turn to hard packed earth in areas of high traffic. Shredded bark mulch, wood chips, or fine gravel are considered to be acceptable shock absorbing surfaces when installed and maintained at a sufficient depth under and around play equipment.

TABLE 1 -CRITICAL HEIGHTS (in feet) OF TESTED MATERIAL

MATERIAL	UNCOMPRESSED DEPTH			COMPRESSED DEPTH
	6 Inch	9 Inch	12 Inch	
Wood Chips	7	10	11	10
Double Shredded Bark Mulch	6	10	11	7
Engineered Wood Fibers	6	7	>12	6
Fine Sand	5	5	9	5
Coarse Sand	5	5	6	4
Fine Gravel	6	7	10	6
Medium Gravel	5	5	6	5
Shredded Tires**	10-12	N/A	N/A	N/A

** This is data from tests conducted by independent testing laboratories on a 6 inch depth of uncompressed shredded tire samples produced by four manufacturers. The test 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.

Table 1 should be read as follows: If, for example, uncompressed wood chips are used at a minimum of 6 inches, the Critical Height is 7 feet. If 9 inches of uncompressed wood chips are used, the Critical Height is 10 feet. It should be noted that, for some materials, the Critical Height decreases when the material is compressed. It is recommended that a shock absorbing material should extend a minimum of 6 feet in all directions from the perimeter of stationary equipment such as climbers and slides. However, because children may deliberately jump from a moving swing, the shock absorbing material should extend in the front and rear of a swing a minimum distance of 2 times the height of the pivot point measured from a point directly beneath the pivot on the supporting structure.

This information is intended to assist in comparing the relative shock-absorbing properties of various materials. No particular material is recommended over another. However, each material is only effective when properly maintained. Materials should be checked periodically and replenished to maintain correct depth as determined necessary for your equipment. The choice of a material depends on the type and height of the playground equipment, the availability in your area, and its cost.

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:

Office of Public Affairs
U.S. Consumer Product Safety Commission
Washington, D.C. 20207

Toll-free Hotline: 1-800-638-2772 or at <http://www.cpsc.gov>

2018 TREE FROGS Limited Lifetime Warranty

Limited 10-Year Warranty, Limited 5-Year Warranty

Tree Frogs Warranties all Jaguar Playcenter Series, Bengal Forts Series, MegaDeck Fort Series Redwood components and Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for the period of 10 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product. The Redwood and Cedar components warranty is extended to a Limited Lifetime Warranty to the original owner upon registering this warranty within 90 days of purchase at www.treefrogsswingsets.com.

Tree Frogs Warranties all Parrot Island Fort Series, Parrot Island Playcenter Series, Rainforest Cottage Series Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for a period of 10 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product.

Tree Frogs Warranties all Toucan Fort Series, Toucan Playcenter Series, Orangutan Fort Series, Stand Alone Swings Cedar components against structural failure due to warping, wood rot, insect infestation (excluding Carpenter Bees) or decay for a period of 5 Years from the date of original purchase. This warranty does not cover cracks, fissions, checks, fading, knots and weathering that are normal natural characteristics of wood, that do not affect the structural integrity of the product.

In addition, a 10-Year Limited Warranty applies to all roto-molded slides, ductile iron swing hangers, tire swivels, metal climbing rungs and swing beam brackets against failure due to rust or failure in defect in material. Surface rust, fading, weathering, cracks/chips in coatings and corrosion that do not affect structural integrity are not covered by this warranty. Furthermore, a 5-Year Limited Warranty applies to all components & accessories including all swings, chain ladders, gliders, handles, brackets, bubble panels, tarps, steering/ships wheels, telescopes, binoculars, buoy ball, blow molded slides and disc seat that are not covered under the 10-Year Warranty to be free from defects in material and workmanship. Surface rust, fading, weathering, cracks/chips in coatings and corrosion that do not affect structural integrity are not covered by this warranty.

And for a period of 1-Year Tree Frogs warranties all ropes, structural foam molded slides to be free of defects in material and workmanship. Fading is not considered a defect and may occur with seasonal and geographical conditions.

****10-Year Warranty Exclusion:** Toucan Fort Series, Toucan Playcenter Series, Orangutan Series, Stand Alone Swings (Limite 5Yr/5Yr/1Yr WARRANTY).

This warranty is limited to a repair or replacement of the defective part. Product covered under this warranty will be shipped at the customer's expense. Tree Frogs is not responsible for any expense associated with freight, or delivery and installation of the warranted part(s). Tree Frogs reserves the right to inspect all warranty claim parts for which a claim has been made.

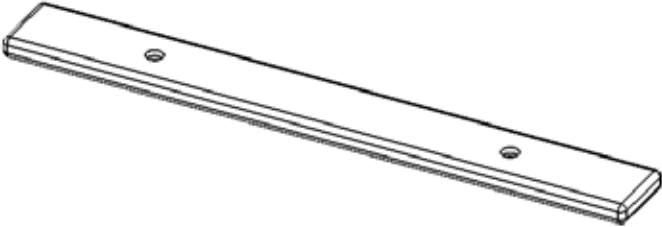
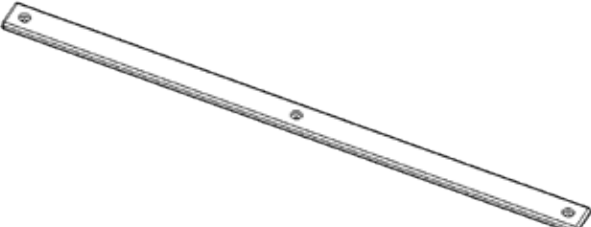
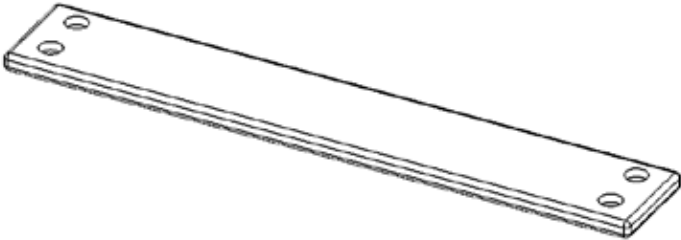
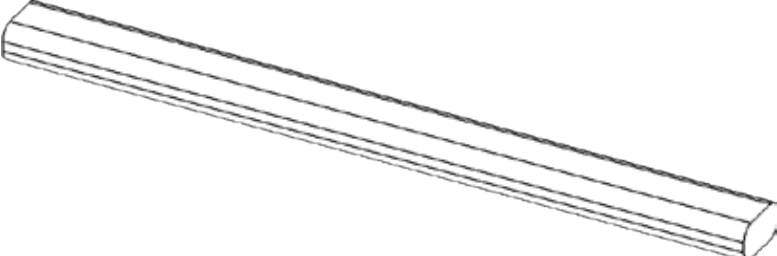
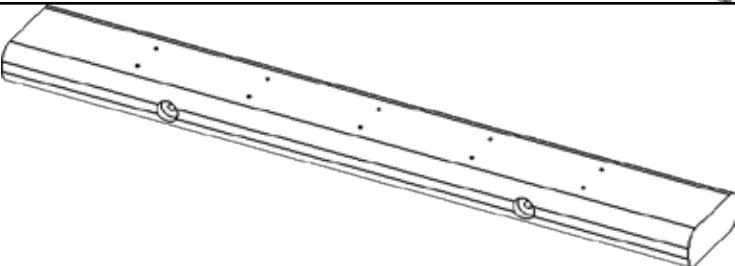
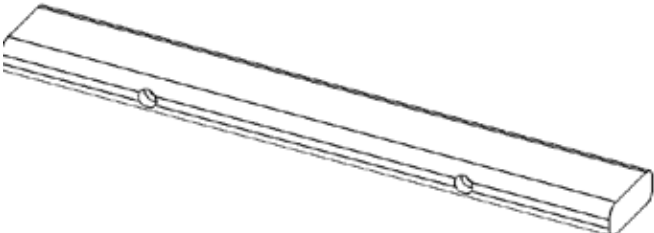
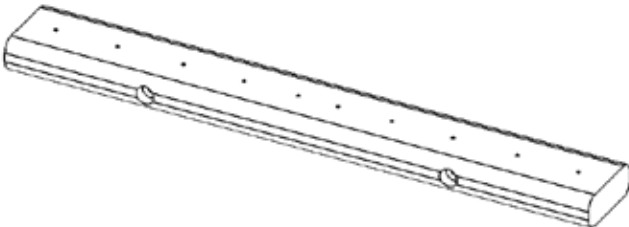
This limited warranty applies only to the original retail purchaser and for residential use only, non-residential use voids warranty. These warranties void when product is transferred or sold or no longer in possession by original owner. A copy of the original invoice must be presented to initiate warranty claim. This limited warranty does not cover damage from abuse, acts of God, vandalism, maintenance guideline neglect, alterations, normal wear & tear, use other than residential, unauthorized modification, damage due to moving of product or improper installation and or use. Any modification could damage the structural integrity of the play system and voids all warranties.

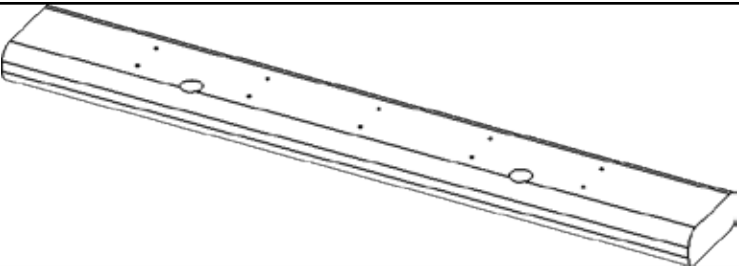
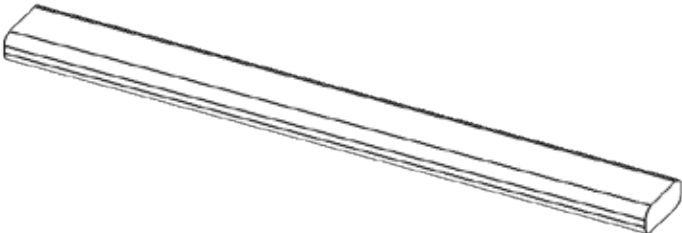
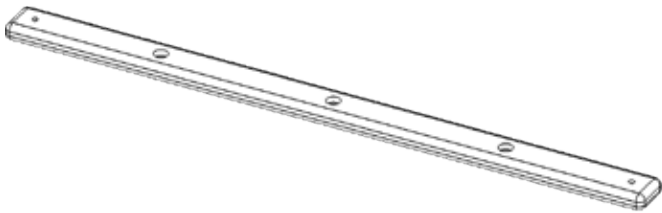


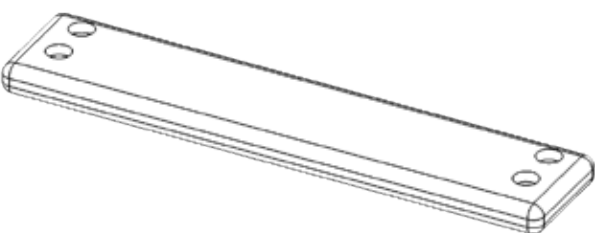
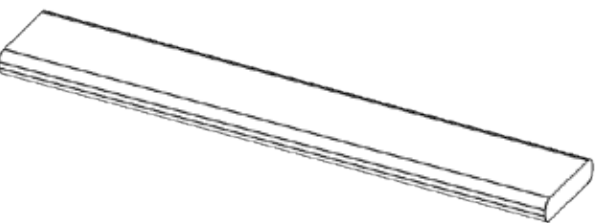
This warranty is exclusive and expressly in lieu of all other warranties, expressed or implied, including warranties of merchantability or fitness for use. Tree Frogs does not assume, or authorize any person to assume for us, any other liability in connection with the sale of our products.

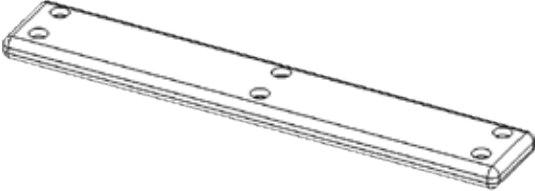
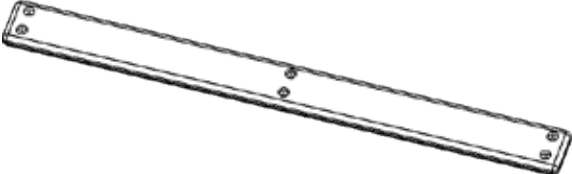



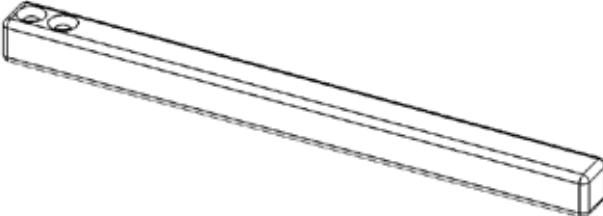
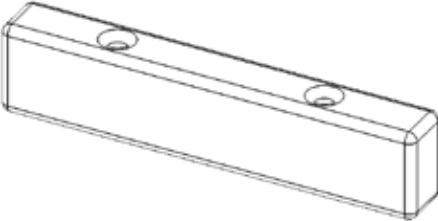
This warranty gives you specific legal rights, and you also may have other rights that vary from state to state. Register your play system's warranty at www.treefrogsswingsets.com.

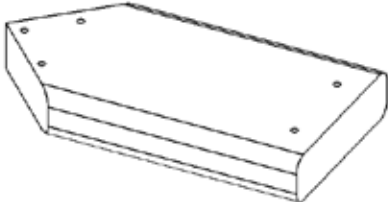

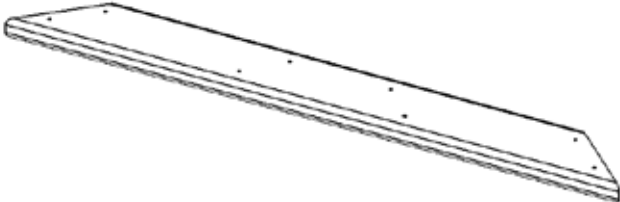
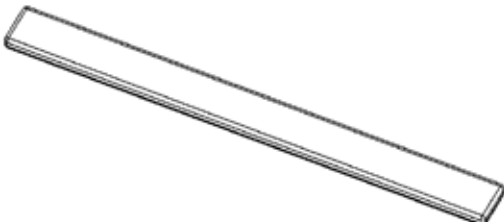
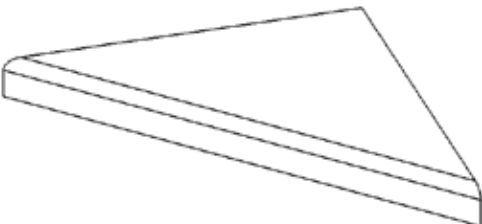
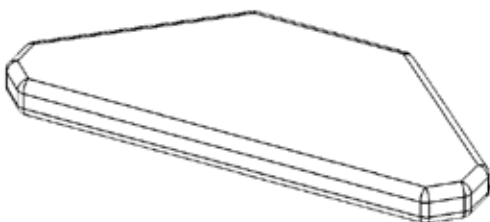

Tree Frogs reserves the right at any time to change product specifications or substitute similar components.

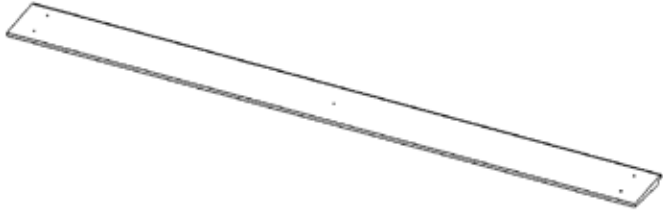
See your instruction manual for guidelines on regular maintenance. <http://treefrogsshowrooms.com/installation-manuals/>. Your child's play system & perimeter play zone should be inspected regularly for any wear & safety hazards.

KSI-045 Universal Loft Lumber	Description	QTY.
	(CC-021) 045-1 28" Spiral Slide Filler	2
	045-2 60 1/8" 3- Hole Facia	2
	(CC-062) 045-3 32" Entrapment Facia	1
	(CC-088) 045-4 27 1/2" Rail Spindle	20
	(CC-099) 045-5 25" Universal Rail Top	4
	(CC-101) 045-6 25" Universal Filler	4
	(CC-102) 045-7 25" Deck Runner	4

KSI-045 Universal Loft Lumber	Description	QTY.
	(CC-100) 045-8 25" Rail Bottom	4
	(CC-109) 045-9 32" Deck Board	2
	(CC-112) 045-10 53" Top Joist	2
	045-11 60 1/8" Tarp Center	1
	045-12 62 7/8" Tarp Side Facia	2
	(CC-138) 045-13 25" Entrapment Board	1
	(CC-139) 045-14 32" Deck Board	8

KSI-045 Universal Loft Lumber	Description	QTY.
	(CC-140) 045-15 32" 6-Hole Facia	2
	045-16 60 1/8" 6-Hole Facia	2
	(CC-141) 045-17 25" Entrapment Board	1
	(CC-181) 045-18 32 5/16" Tarp Upright	2
	(CC-180) 045-19 41" Center Upright	2
	(CC-179) 045-20 46" Corner Post	4
	(CC-194) 045-21 25" Entrapment Block	2

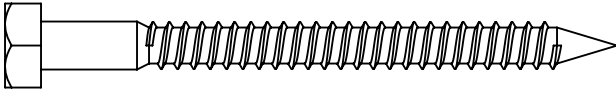
KSI-044 Universal Loft Wood Roof Lumber	Description	QTY.
	(CC-197) 044-1 6 5/16" Short Fan Board	4
	(CC-006) 044-2 8 7/16" Center Fan Board	2
	(CC-022) 044-3 28 3/4" Bottom Fan Board	2
	044-4 37" Center Support	2
	(CC-055) 044-5 11 1/16" Peak Support	2
	(CC-056) 044-6 11 7/16" Fan Cap	2
	(CC-110) 044-7 39 3/8" Wood Roof Support	4

KSI-044 Universal Loft Wood Roof Lumber	Description	QTY.
	044-8 62 7/8" Wood Roof Board	18

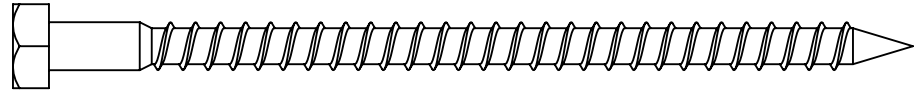
KSI-045 Universal Loft Hardware

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

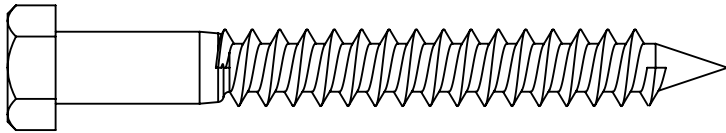
UL-1
1/4"x3" Hex Lag Screw ZP
QTY; 13



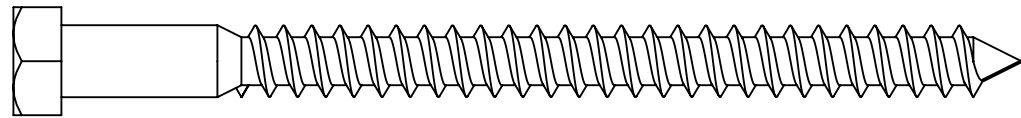
UL-2
1/4"x4 1/2" Hex Lag Screw ZP
QTY; 27



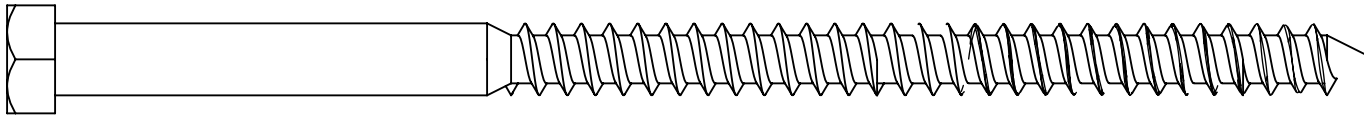
UL-3
3/8" x 3 1/2" Hex Lag Screw ZP
QTY; 49



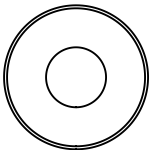
UL-4
3/8" x 5" Hex Lag Screw ZP
QTY; 12



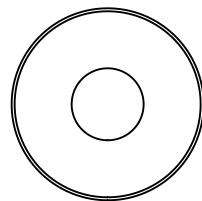
UL-5
3/8" x 7" Hex Lag Screw ZP
QTY; 4



UL-5
1/4" Uss Flatwasher ZP
QTY; 40



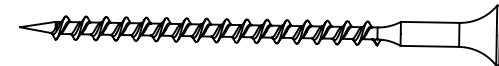
UL-6
3/8" Uss Flatwasher ZP
QTY; 65



UL-7
#2 & #3



Bag-B
#8 x 2 1/2" Coated Deck Screw
QTY; 130



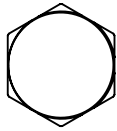
MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

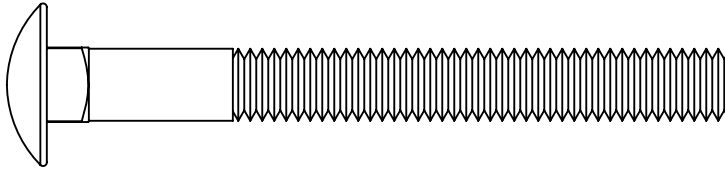
KSI-044 Universal Loft Wood Roof Hardware

INSTALLER NOTE: (YOU MUST ASSEMBLE THIS PRODUCT IN ACCORDANCE WITH THESE ASSEMBLY INSTRUCTIONS. WHEN COMPLETE GIVE MANUAL TO OWNER.)

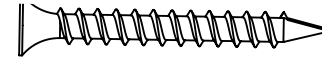
A-1
3/8" Acorn Nut Plated
QTY; 4



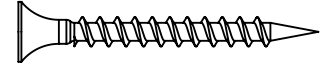
A-2
3/8" x 3" Carriage Bolt ZP
QTY; 4



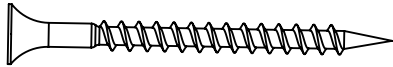
A-3
#8 x 1 1/2" Coated Deck Screw
QTY; 20



A-4
#8 x 1 5/8" Coated Deck Screw
QTY; 118



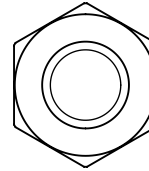
A-5
#8 x 2" Coated Deck Screw
QTY; 8



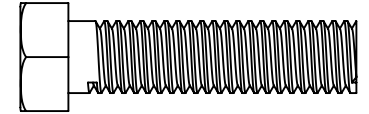
A-6
#8 x 2 1/2" Coated Deck Screw
QTY; 5



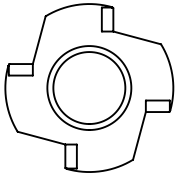
A-7
3/8"-13 Hex Nut ZP
QTY; 4



A-8
3/8" x 1/2" Hex Bolt ZP
QTY; 6



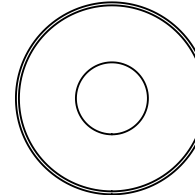
A-9
3/8"-16 x 7/16" 4 Prong Tee Nut ZP
QTY; 6



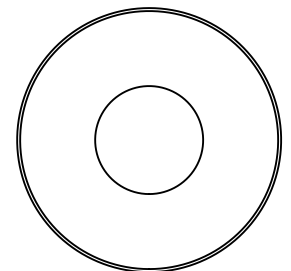
A-10
3/8" Split Lockwasher ZP
QTY; 4



A-11
3/8" Uss Flatwasher ZP
QTY; 10



A-12
1/2" Uss Flatwasher ZP
QTY; 4





A-13
#2 & #3



MEASUREMENT TAKEN FROM BOTTOM OF BOLT HEAD TO THE BOTTOM OF BOLT

USE THE RULER TO MEASURE YOUR BOLTS AND SCREWS. HARDWARE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH HARDWARE SIZES.

Universal Loft - 045	Description	QTY.
	045-A Bubble Panel	1
	045-B Binoculars	1

Universal Loft- Sub Assemblies

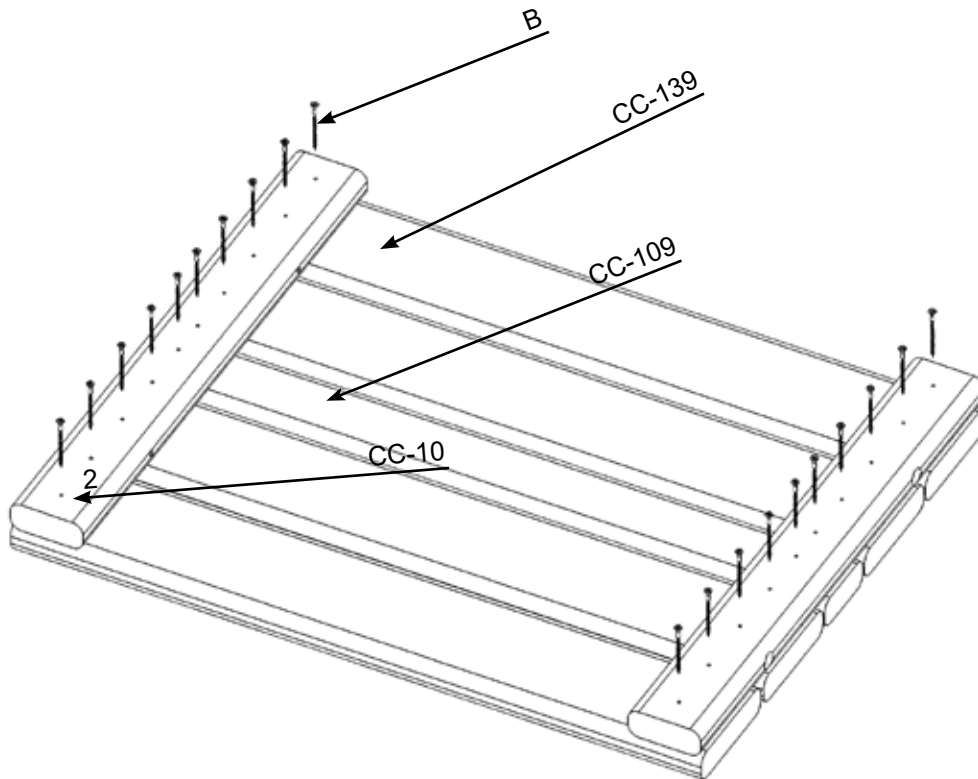
PARTS NEEDED

CC-088 Rail Spindle	(20)	CC-099 Universal Rail Top	(4)
CC-100 Rail Bottom	(4)	CC-102 Deck Runner	(4)
CC-109 Deck Board	(2)	CC-139 Deck Board	(8)

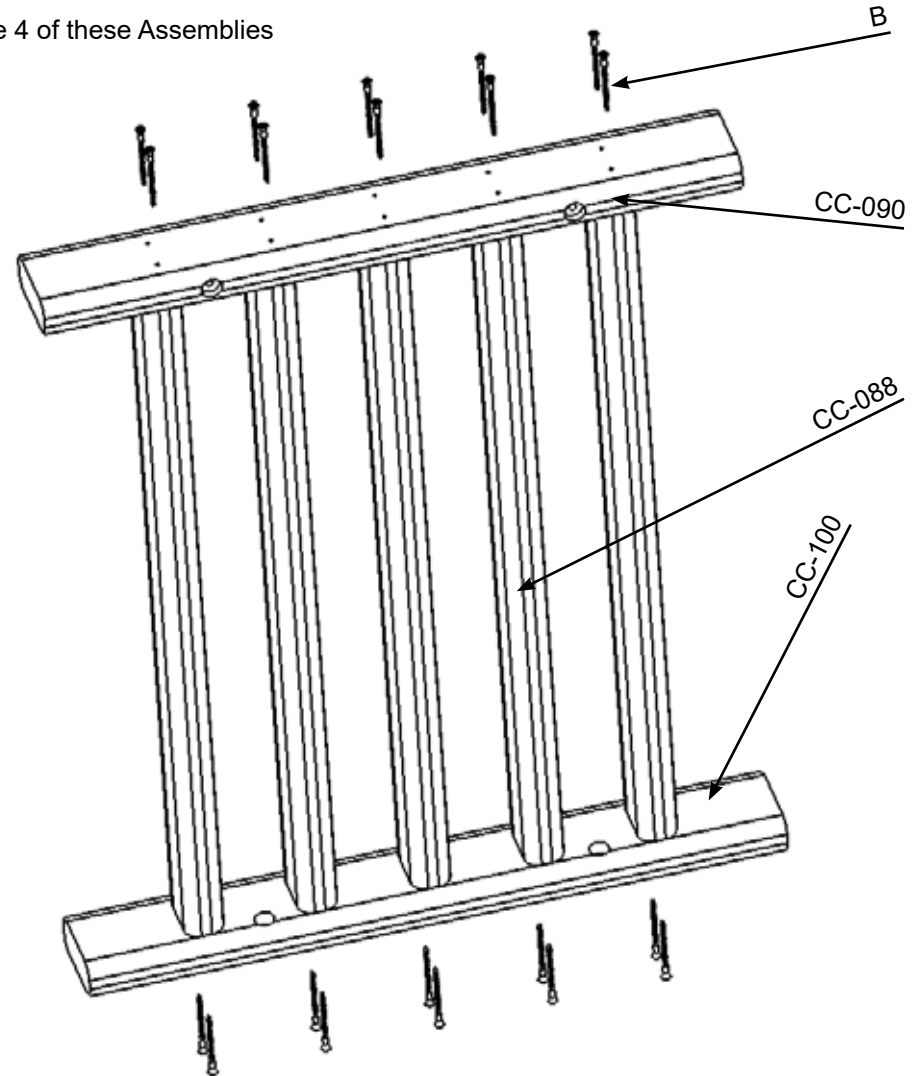
HARDWARE NEEDED

B- #8 x 2 1/2" Coated Deck Screw (120)

Make 2 of these Assemblies



Make 4 of these Assemblies



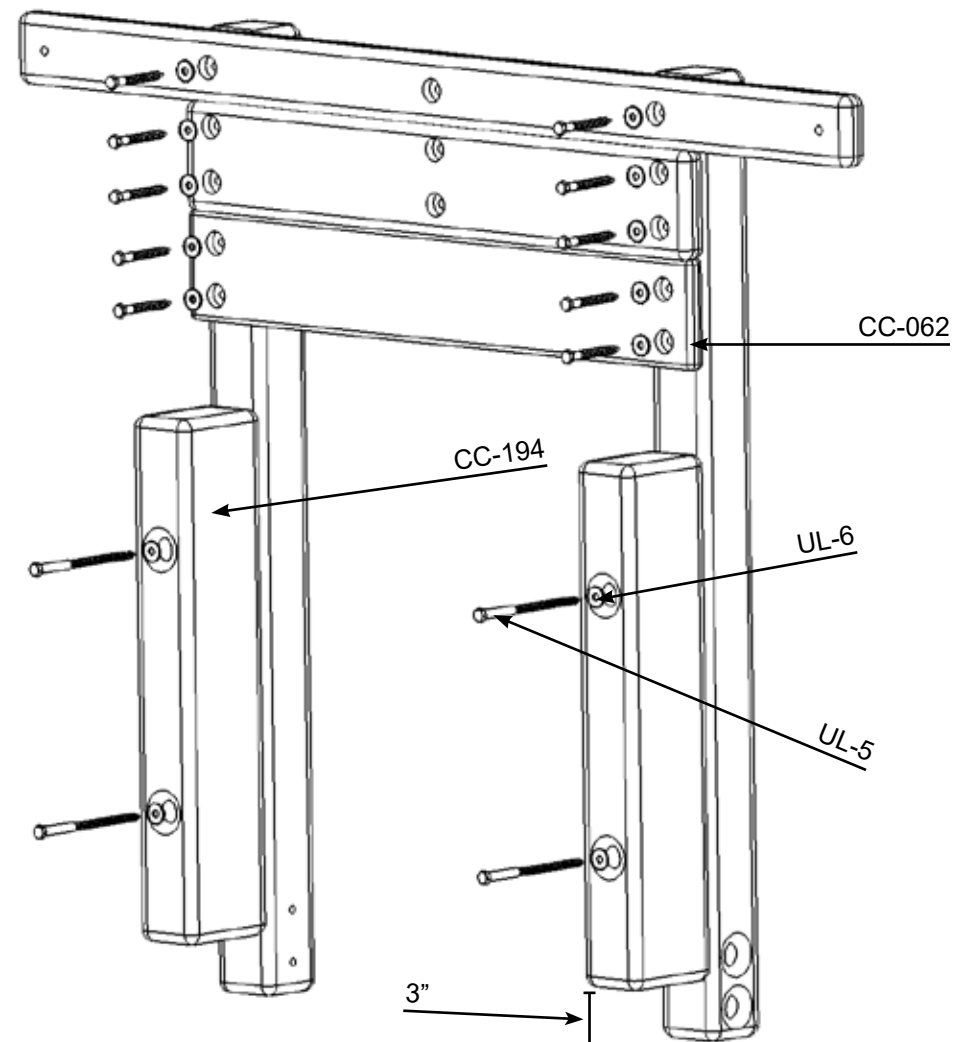
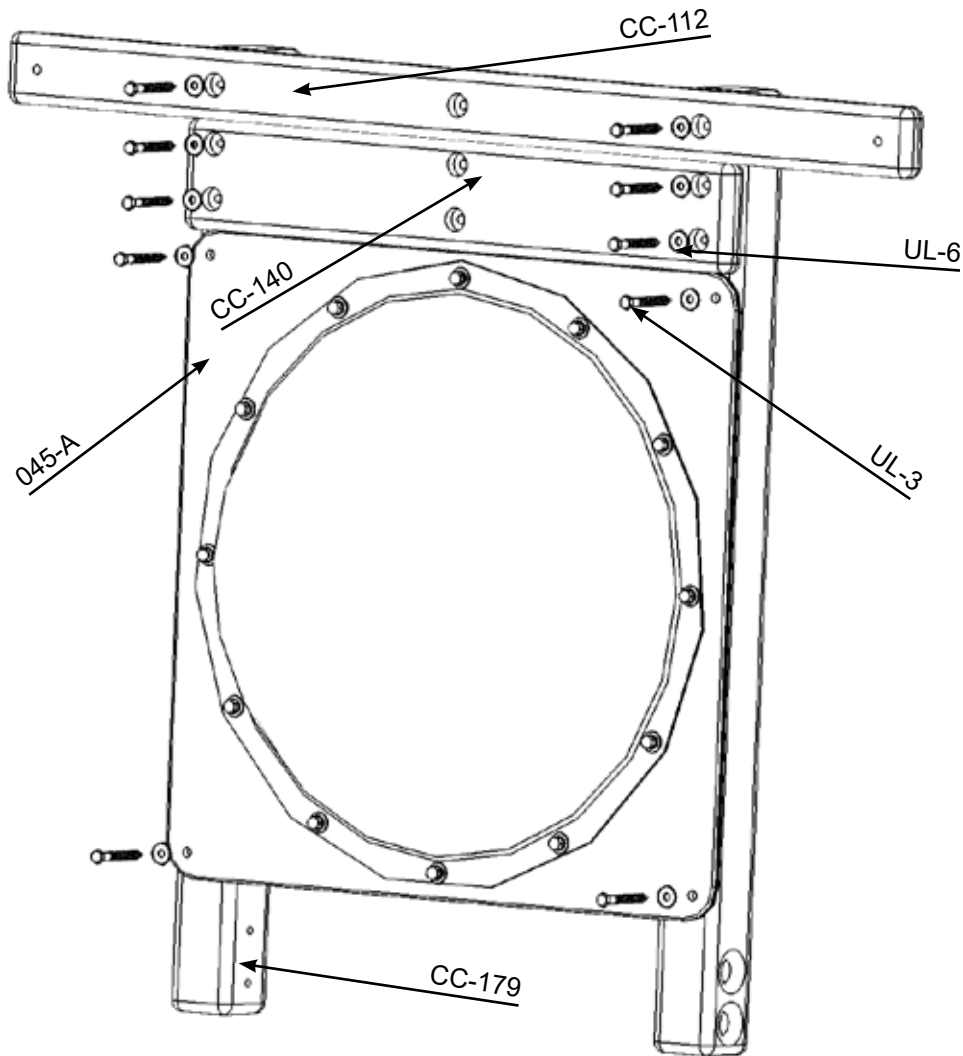
Universal Loft -Sub Assemblies

PARTS NEEDED

CC-062	Entrapment Board	(1)	CC-112	Top Joist	(2)
CC-140	6-Hole Facia	(2)	CC-179	Corner Post	(4)
CC-194	Entrapment Block	(2)	045-A	Bubble Panel	(1)

HARDWARE NEEDED

UL-3	3/8" x 3 1/2" Hex Lag Screw ZP	(20)	UL-5	3/8" x 7" Hex Lag Screw ZP	(4)
UL-6	3/8" Uss Flatwasher ZP	(24)			



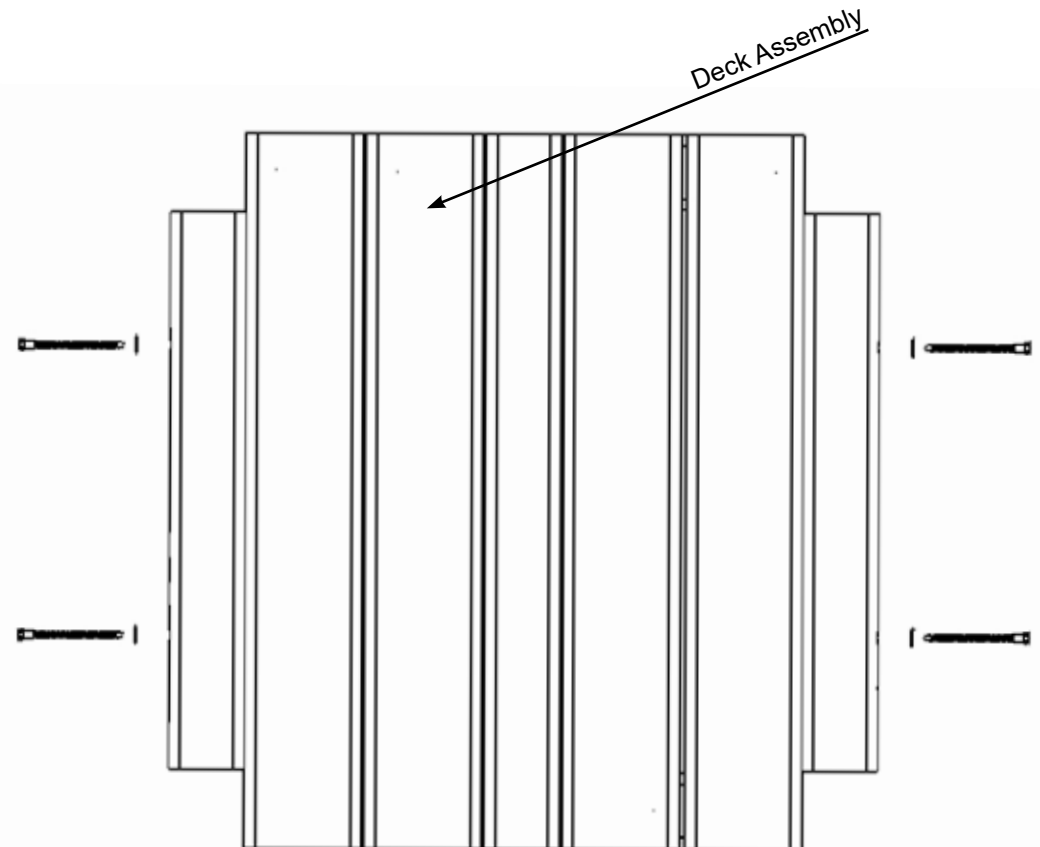
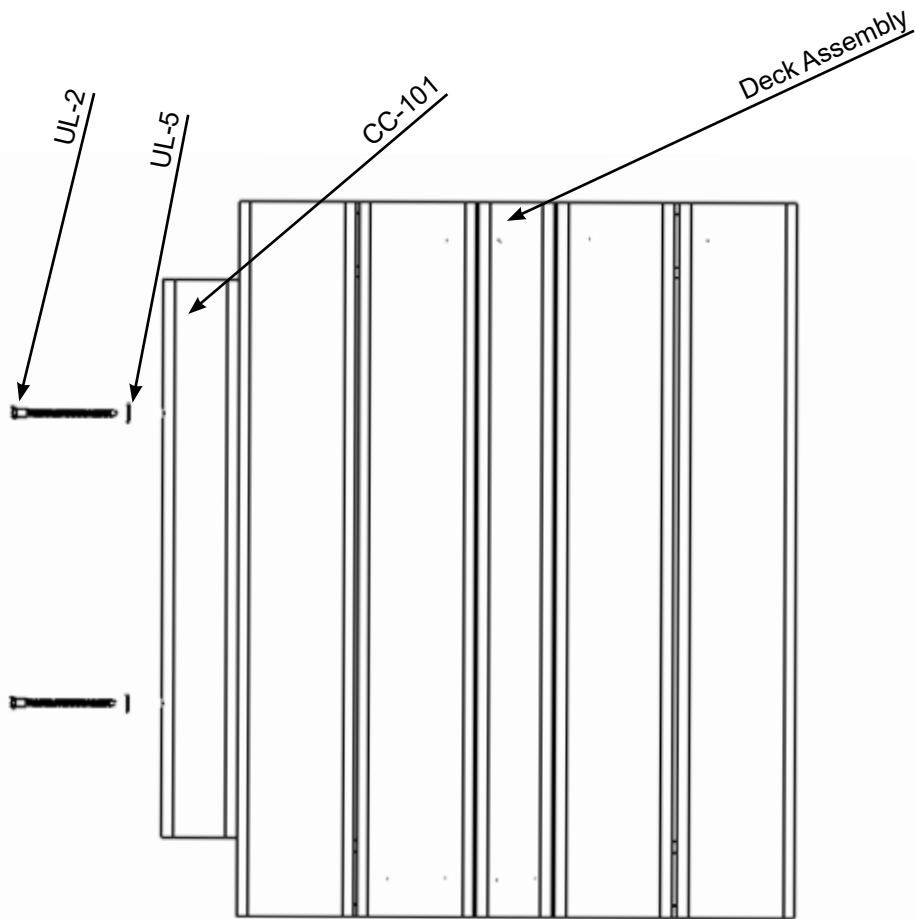
Universal Loft- Assembly

PARTS NEEDED

Deck Assembly (2)
CC-101 Universal Filler (3)

HARDWARE NEEDED

UL-2 1/4"x 4 1/2" Hex Lag Screw ZP (6)
UL-5 1/4" Uss Flatwasher ZP (6)



5' & 5.8 Loft

Playcenter

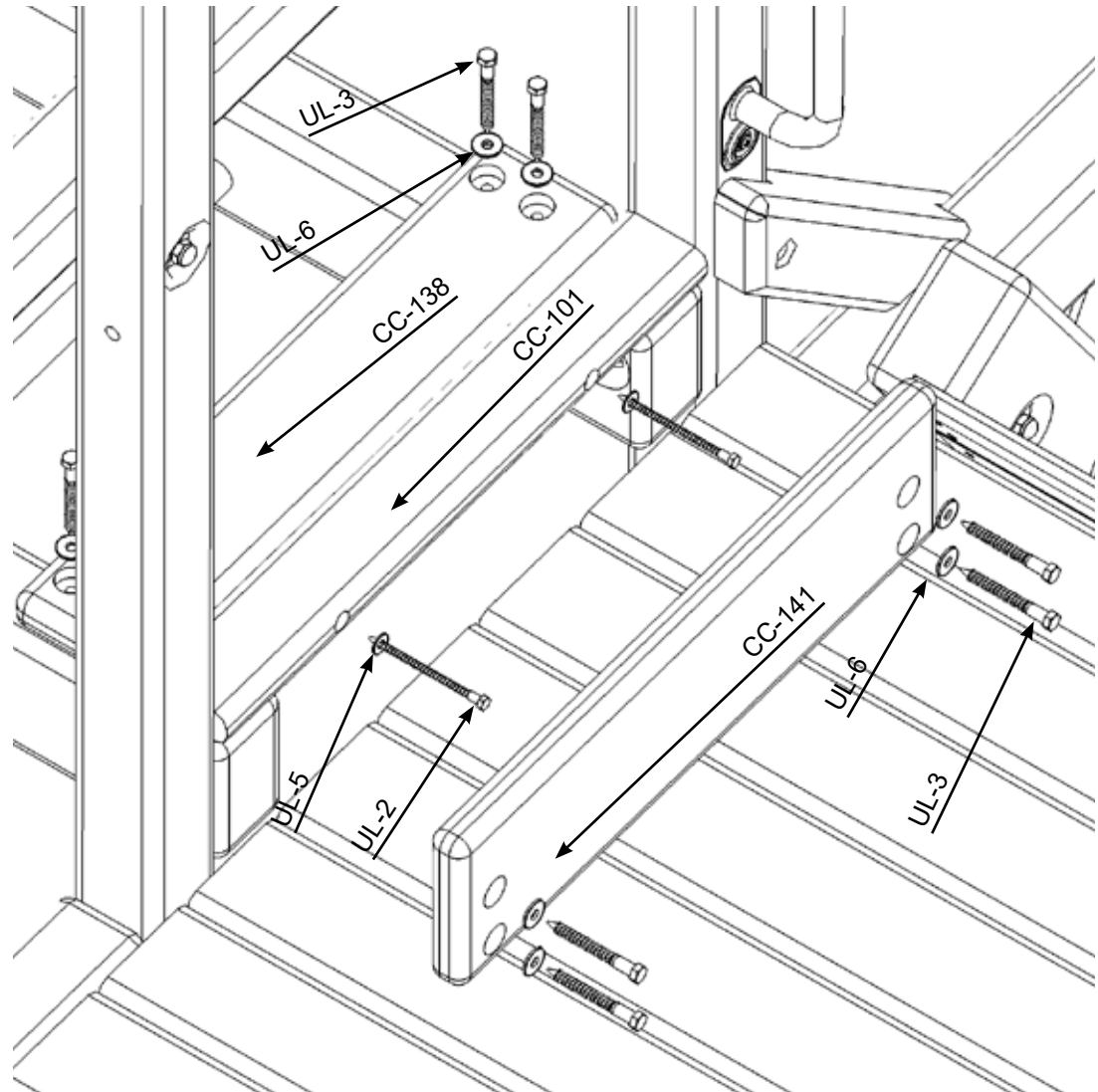
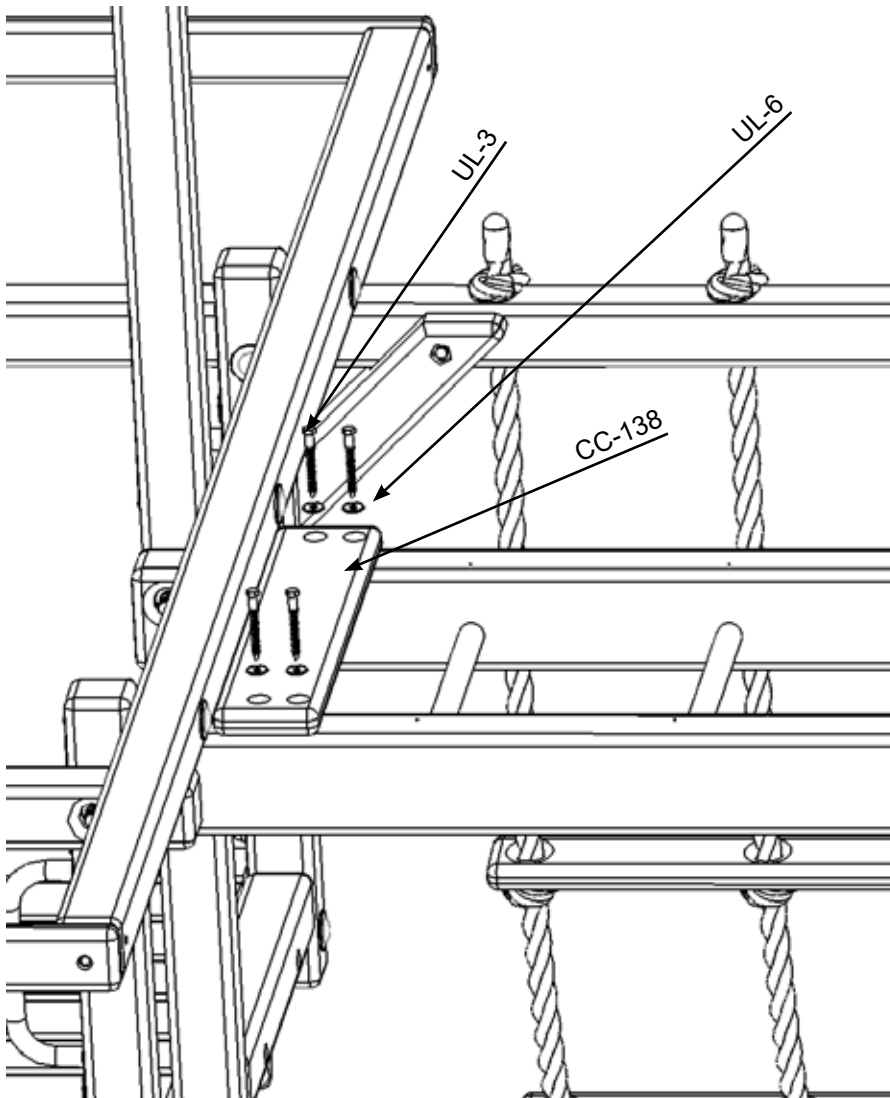
6.5 & 7.5 Loft

PARTS NEEDED

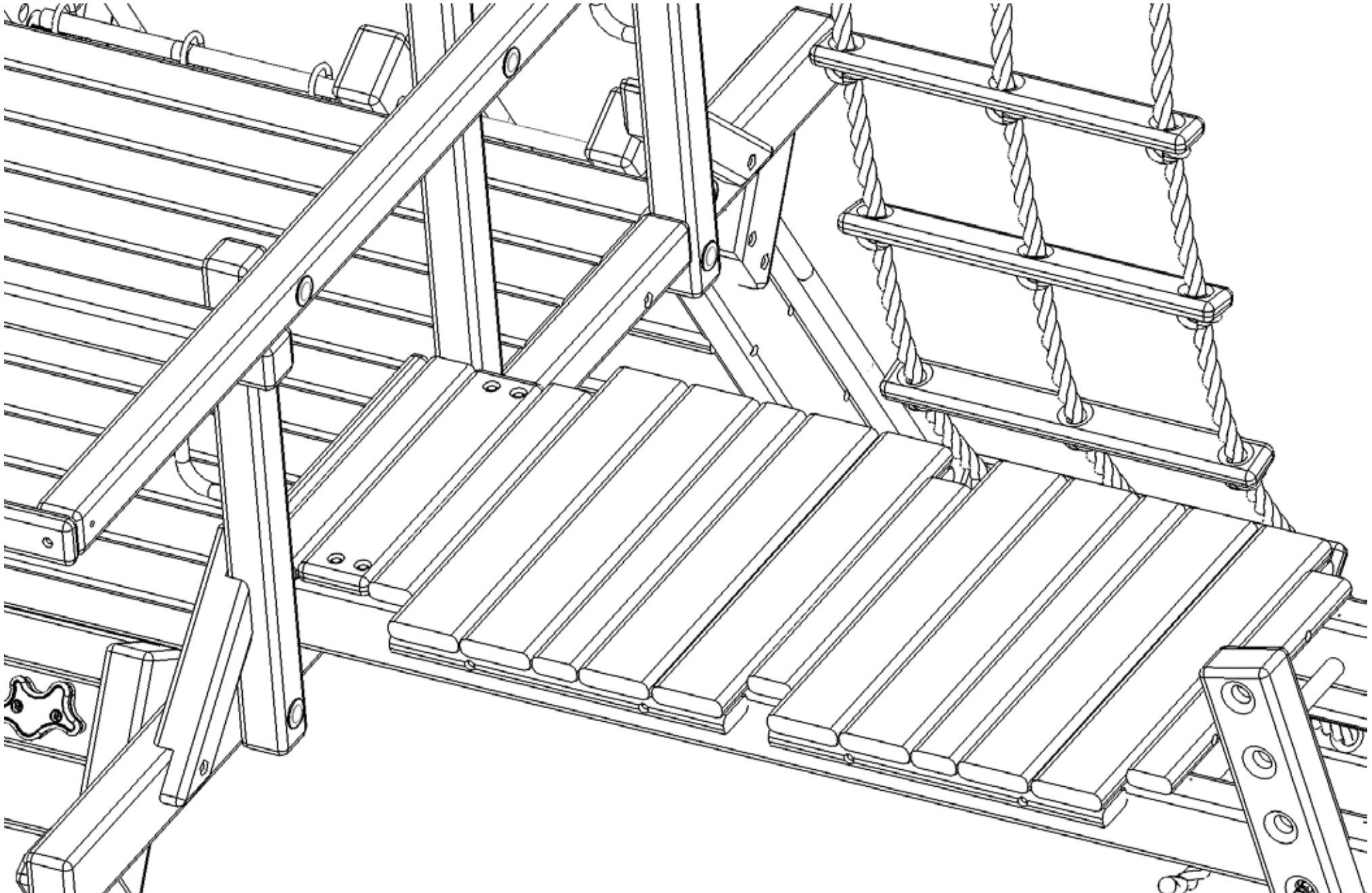
CC-101 Universal Filler (1) CC-138 Entrapment Board (1)
CC-141 Entrapment Board (1)

HARDWARE NEEDED

UL-2 1/4"x4 1/2" Hex Lag Screw ZP (2) UL-3 3/8" x 3 1/2" Hex Lag Screw ZP (8)
UL-5 1/4" Uss Flatwasher ZP (2) UL-6 3/8" Uss Flatwasher ZP (8)



6.4 & 7.5 Playcenter Loft



Fort -Loft Assembly

PARTS NEEDED

CC-101 Universal Filler (1)
CC-141 Entrapment Board (1)

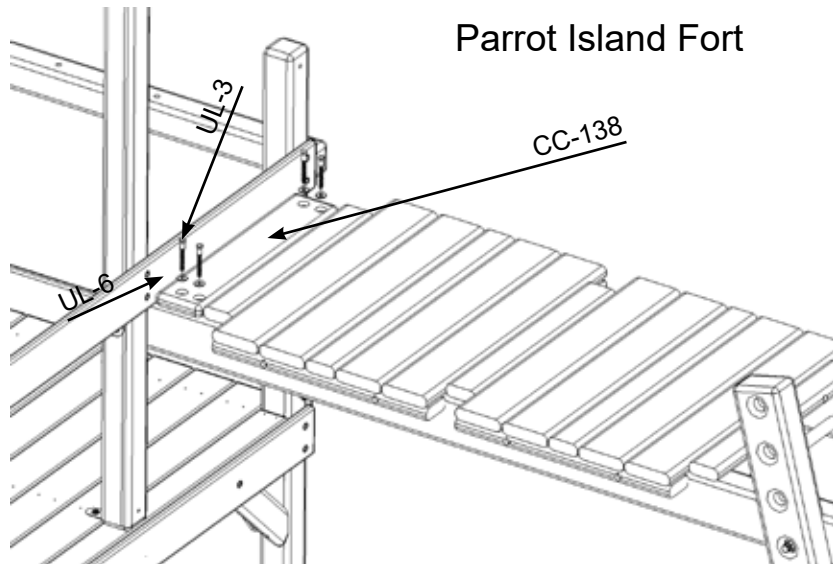
CC-138 Entrapment Board (1)

UL-2 1/4"x4 1/2" Hex Lag Screw ZP (2)
UL-5 1/4" Uss Flatwasher ZP (2)

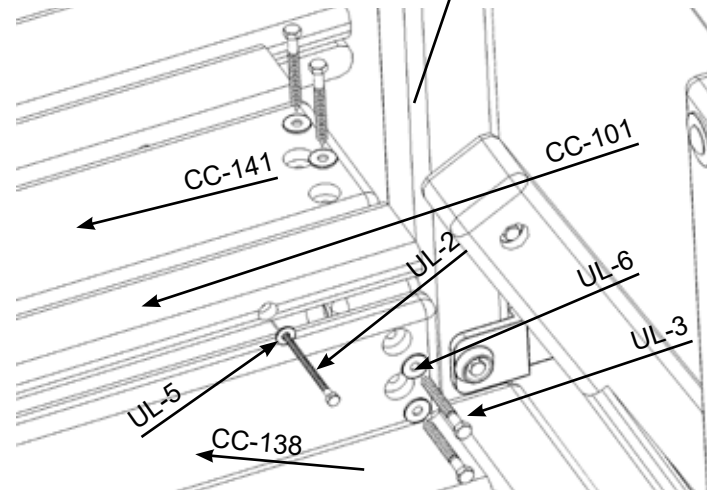
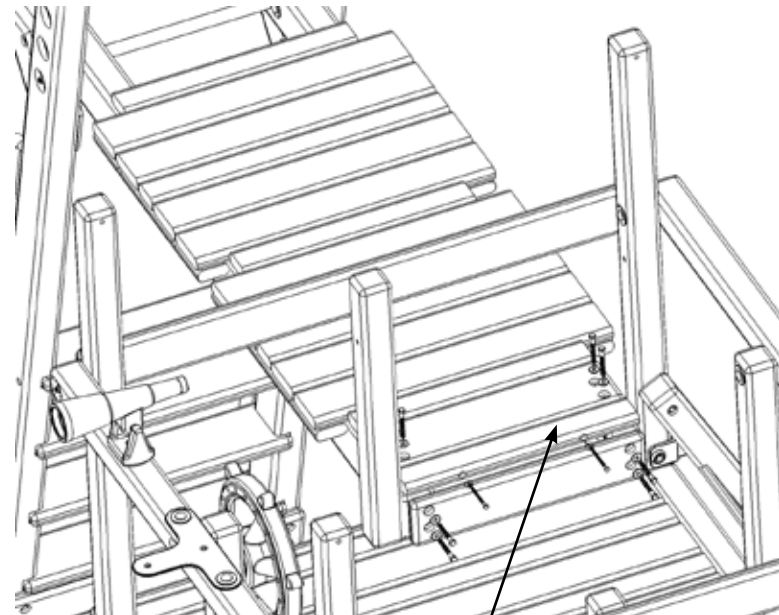
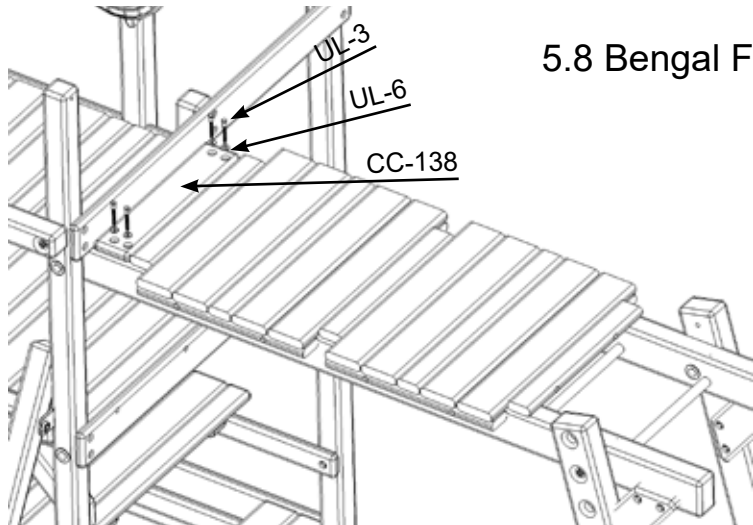
HARDWARE NEEDED

UL-3 3/8" x 3 1/2" Hex Lag Screw ZP (8)
UL-6 3/8" Uss Flatwasher ZP (8)

6.5 & 7.4 Bengal Fort



5.8 Bengal Fort



Universal Loft Assembly

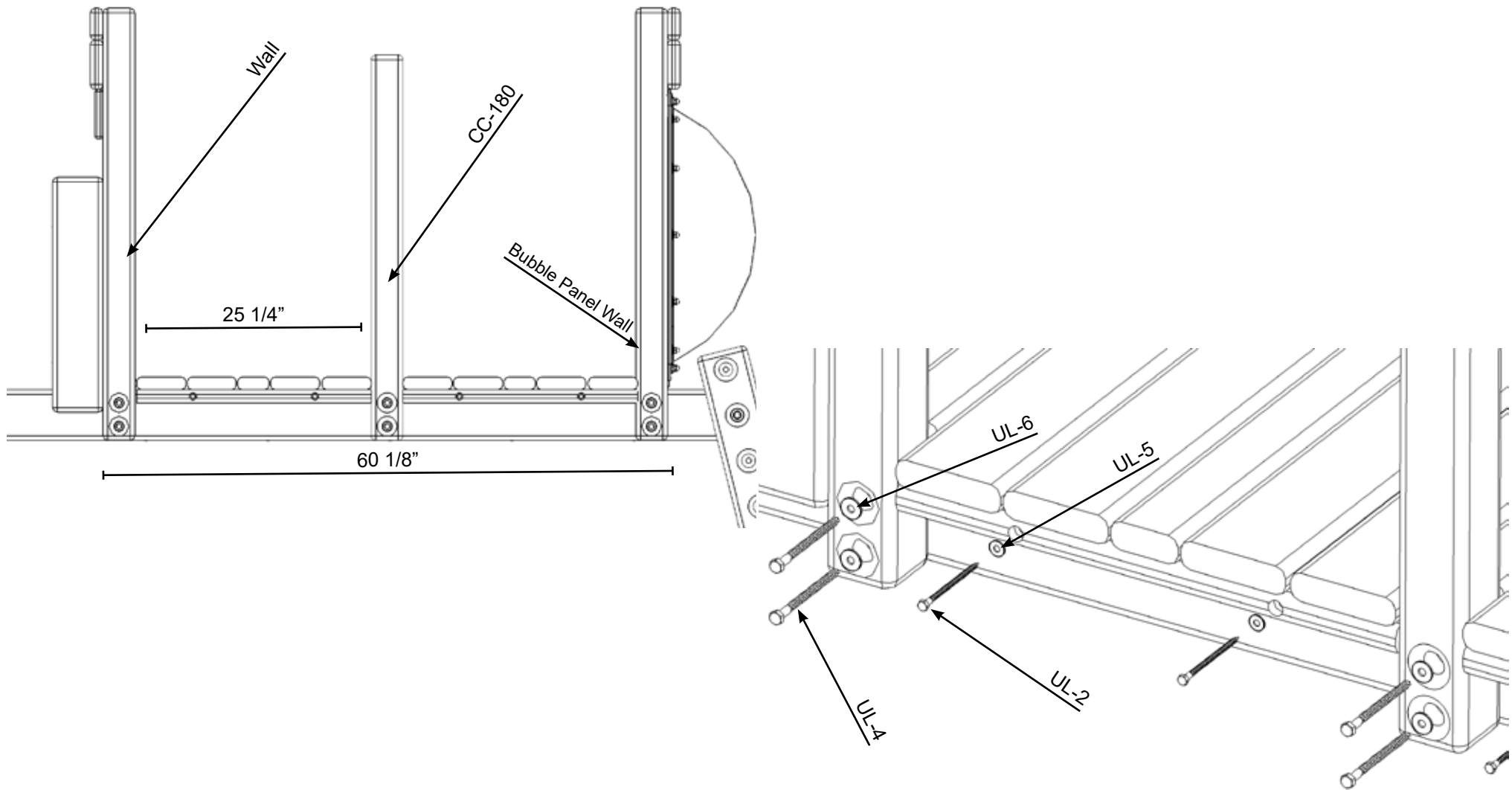
PARTS NEEDED

Walls Assembly
CC-180 Center Upright (2)

HARDWARE NEEDED

UL-2 1/4"x4 1/2" Hex Lag Screw ZP (8)
UL-4 3/8" x 5" Hex Lag Screw ZP (12)

UL-5 1/4" Uss Flatwasher ZP (8)
UL-6 3/8" Uss Flatwasher ZP (12)



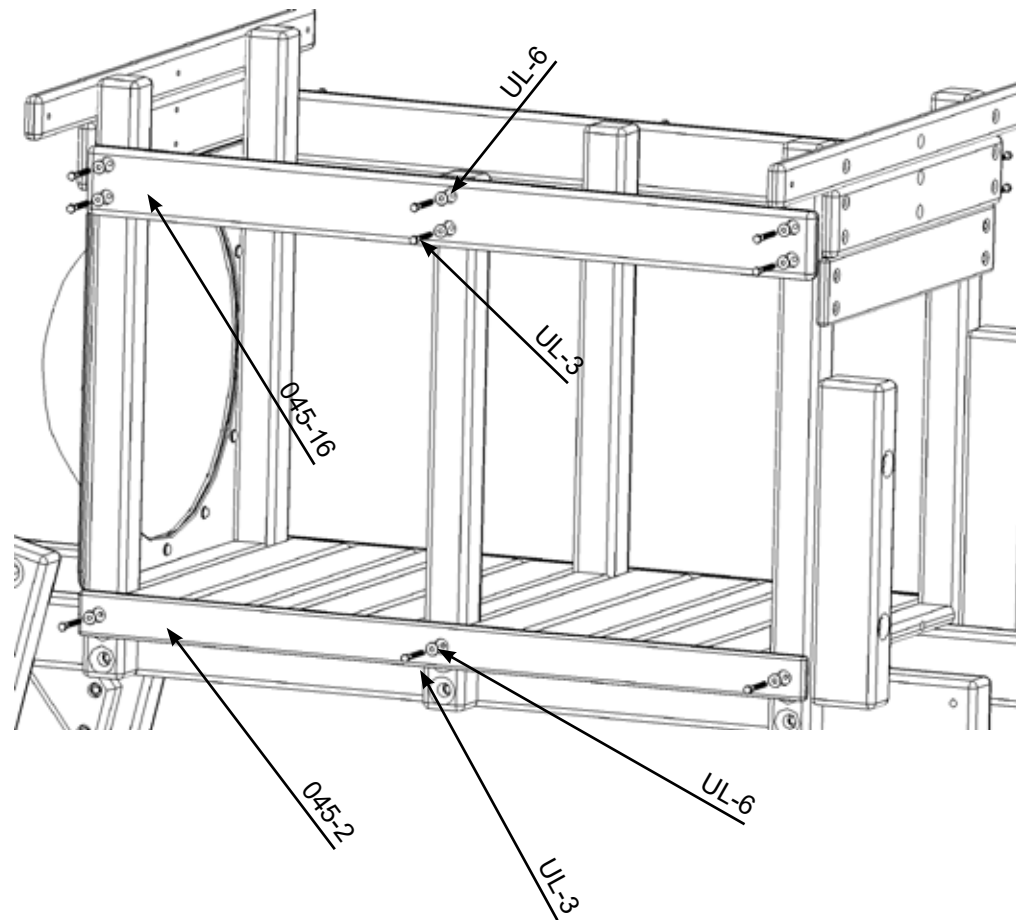
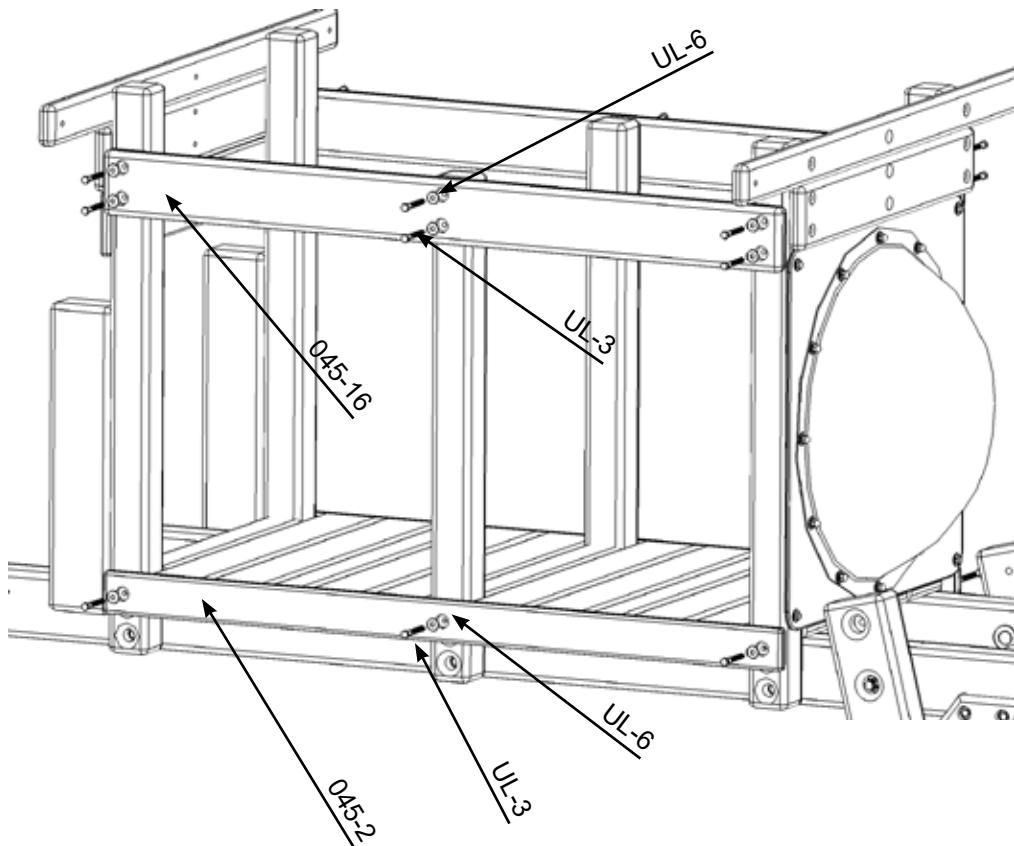
Universal Loft Assembly

PARTS NEEDED

045-2 3-Hole Facia (2)
045-16 6-Hole Facia (2)

HARDWARE NEEDED

UL-3 3/8" x 3 1/2" Hex Lag Screw ZP (18)
UL-6 3/8" Uss Flatwasher ZP (18)



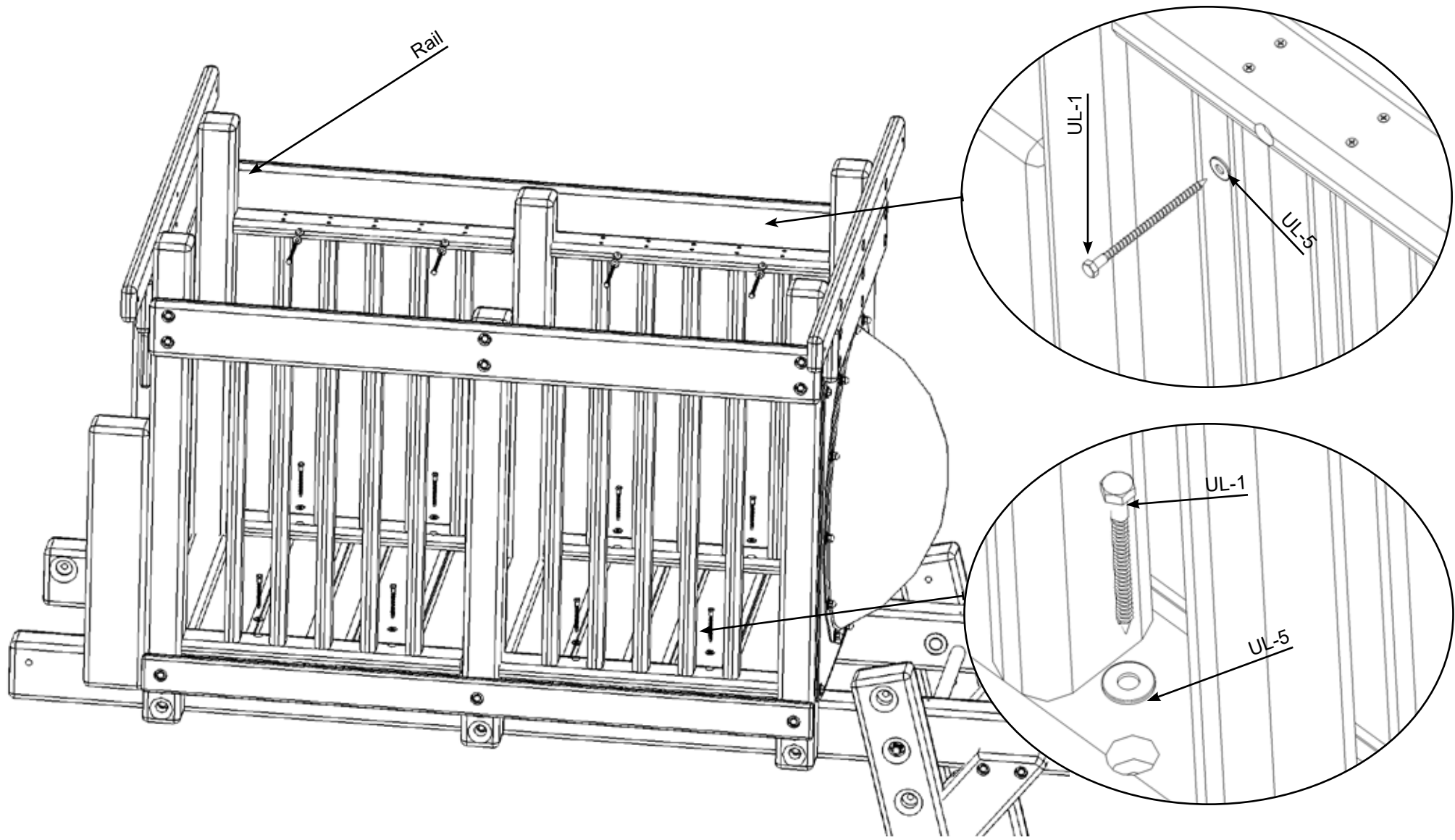
Universal Loft Assembly

PARTS NEEDED

Rails Assembly

HARDWARE NEEDED

UL-2 1/4"x4 1/2" Hex Lag Screw ZP (8) UL-5 1/4" Uss Flatwasher ZP (16)
UL-1 1/4"x3" Hex Lag Screw ZP (8)



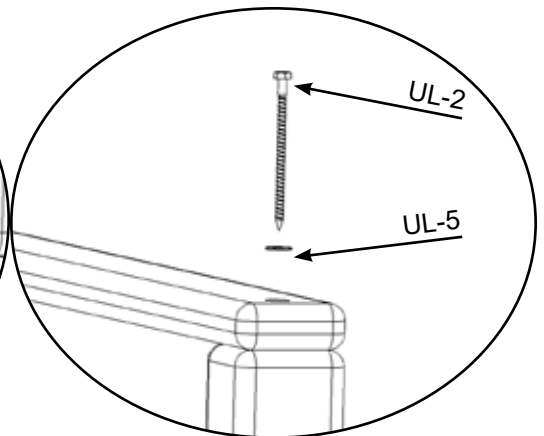
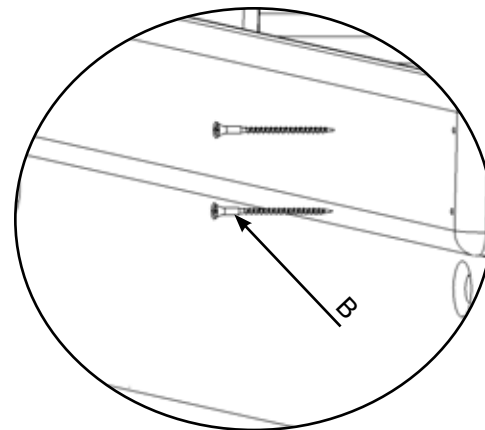
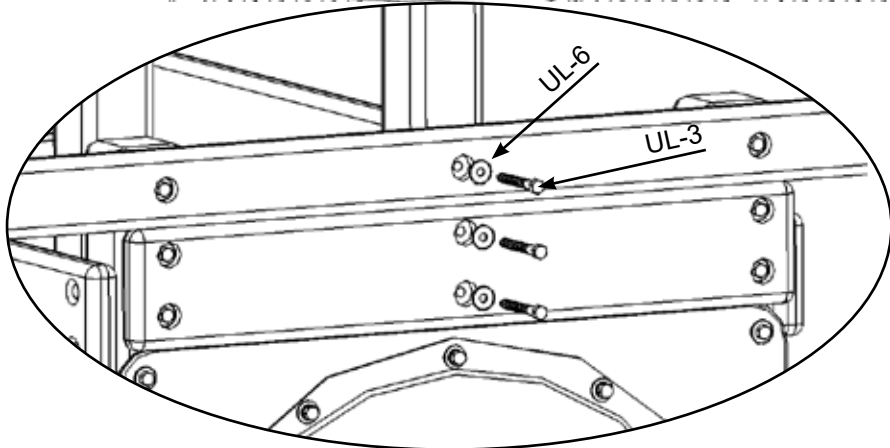
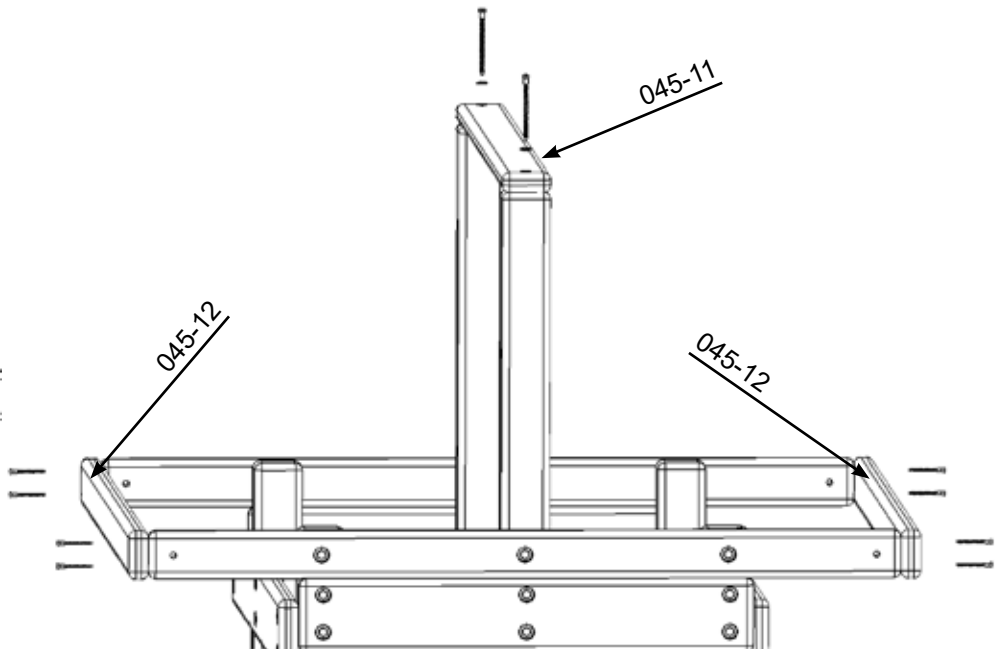
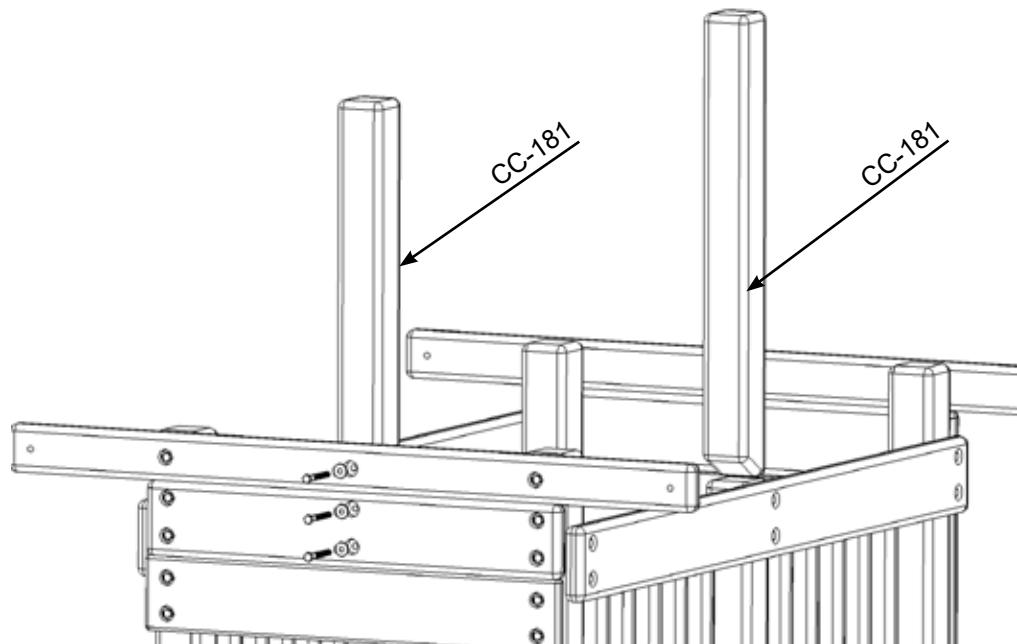
Universal Loft -Tarp Option

PARTS NEEDED

045-11 Tarp Center (1) 045-12 Tarp Side Facia (2)
 CC-181 Tarp Upright (2)

HARDWARE NEEDED

UL-2 1/4"x4 1/2" Hex Lag Screw ZP (2) UL-5 1/4" Uss Flatwasher ZP (4)
 B- #8 x 2 1/2" Coated Deck Screw (8) UL-3 3/8" x 3 1/2" Hex Lag Screw ZP (18)
 UL-6 3/8" Uss Flatwasher ZP (18)



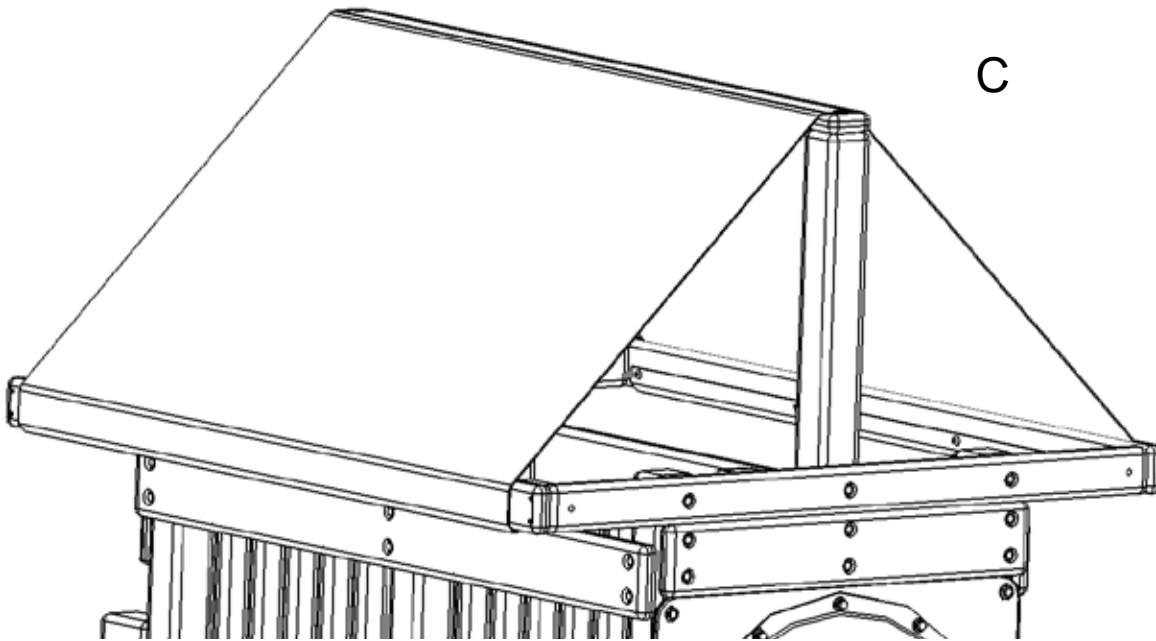
Universal Loft -Tarp Option

PARTS NEEDED

Tarp W /Hdwr Bag

HARDWARE NEEDED

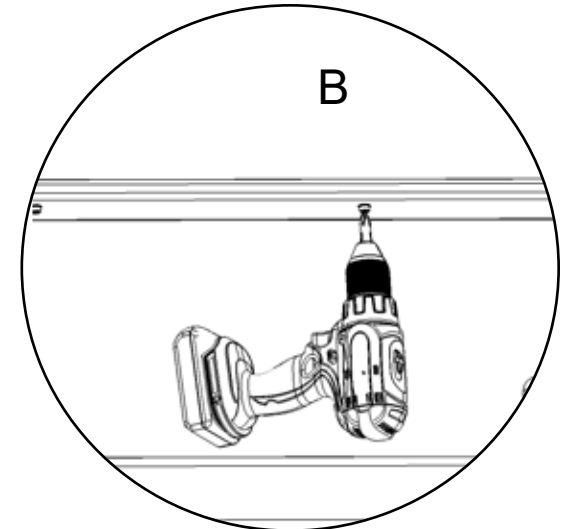
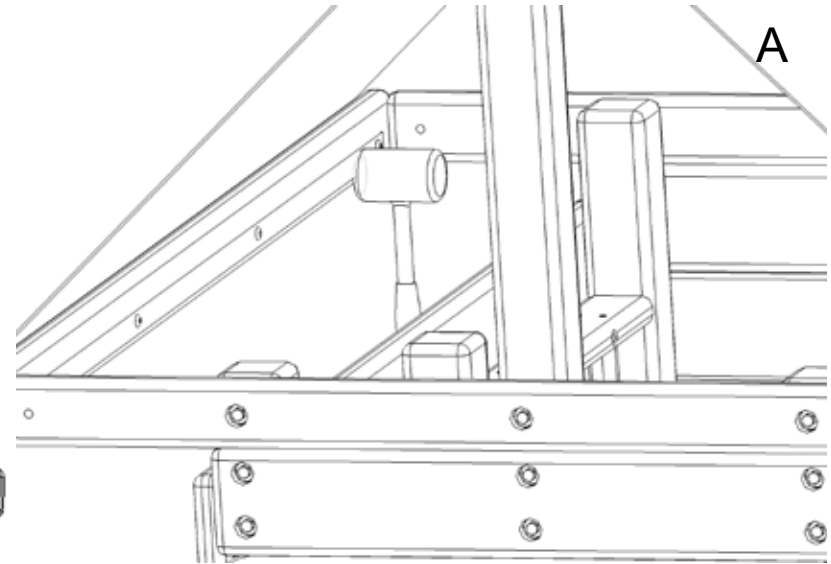
Phillips Screw Snaps (8)



(Figure A.)- Take one corner of the VINYL TARP and place it flush in the corner. Tap the snap with a blunt object, leaving an indentation of the snap in the wood. Repeat this process until all the snaps have been indented in the wood on both sides of the Playcenter.

(Figure B.)- Using the indentions you just made with the snaps, take the 5/8" PHILLIPS SCREW SNAPS and drill one into each indentation.

(Figure C.)- Take the corner of the VINYL TARP and start placing the snaps on the PHILLIPS SCREW SNAPS. Fold the VINYL TARP over the top of the UNIVERSAL TARP BOARD. Pull tight and place the snaps on the PHILLIPS SCREW SNAPS.



Universal Loft -Wood Roof Option

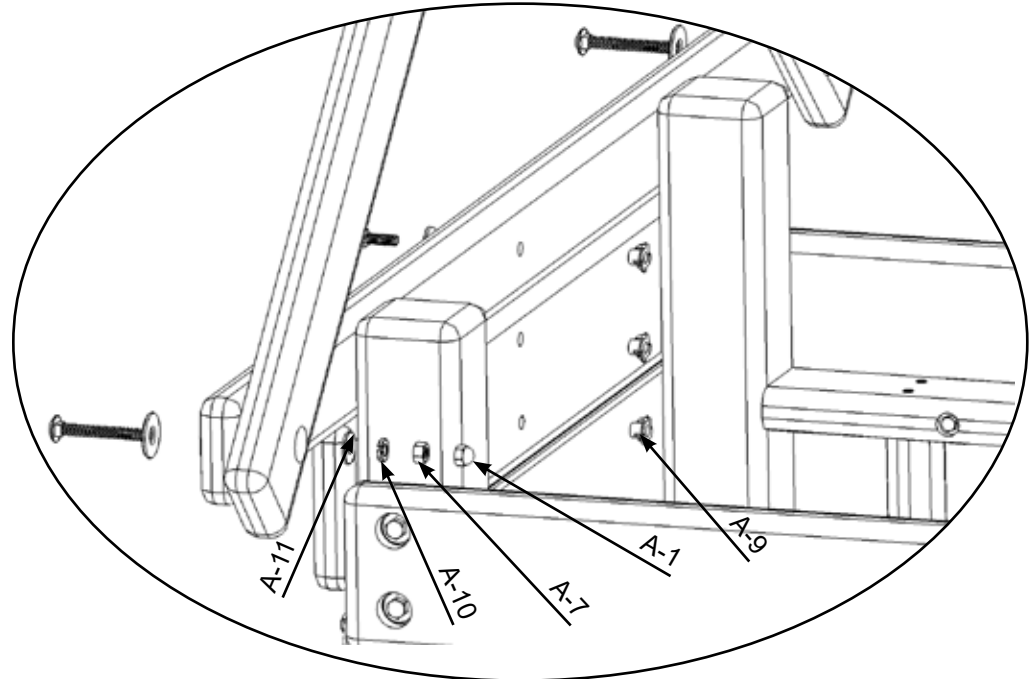
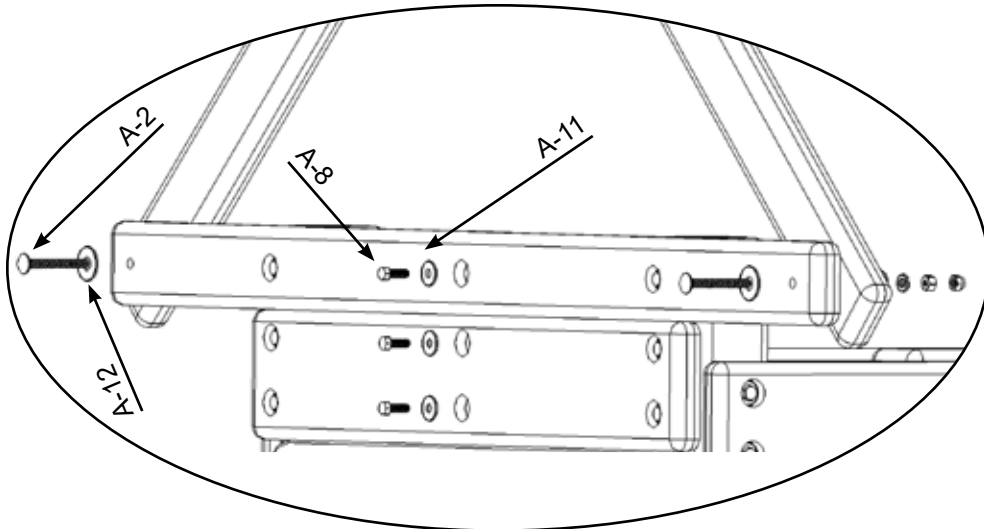
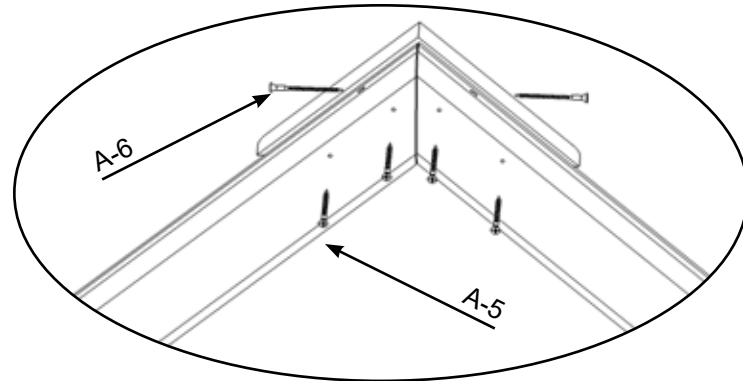
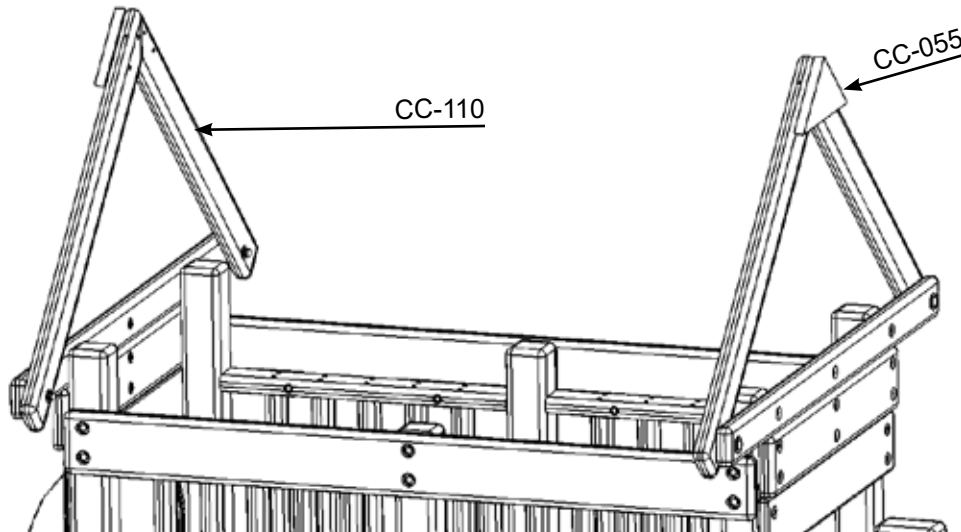
PARTS NEEDED

CC-055 Peak Support (2)
CC-110 Wood Roof Support (4)

A-1 3/8" Acorn Nut Plated (4)
A-5 #8 x 2" Coated Deck Screw (8)
A-7 3/8"-13 Hex Nut ZP (4)
A-9 3/8"-16 x 7/16" 4 Prong Tee Nut ZP (6)
A-11 3/8" Uss Flatwasher Zp (10)

HARDWARE NEEDED

A-2 3/8"x 3" Carriage Bolt (4)
A-6 #8 x 2 1/2" Coated Deck Screw (4)
A-8 3/8" x 1 1/2" Hex Bolt ZP (6)
A-10 3/8" Split Lockwasher ZP (4)
A-12 1/2" Uss Flatwasher ZP (4)



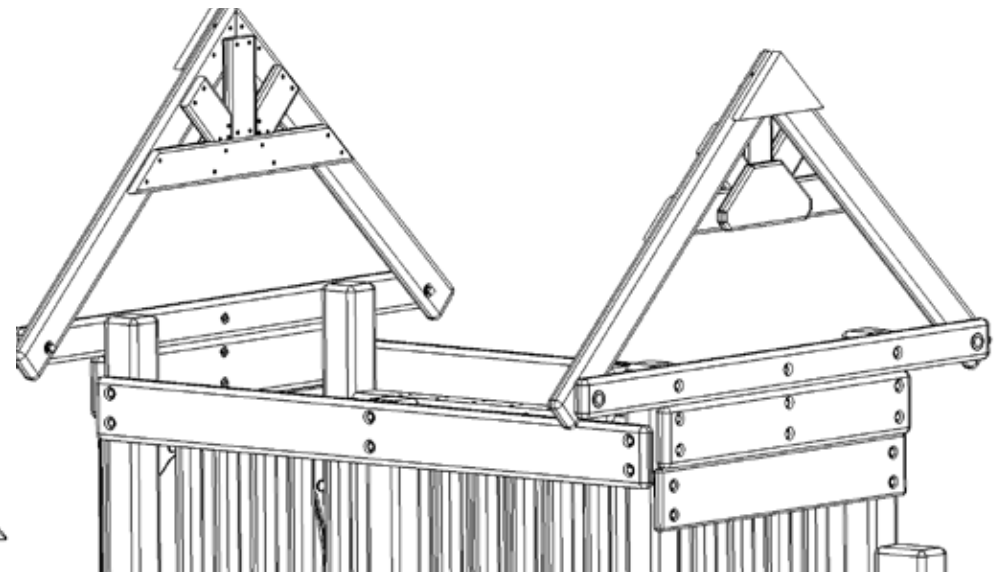
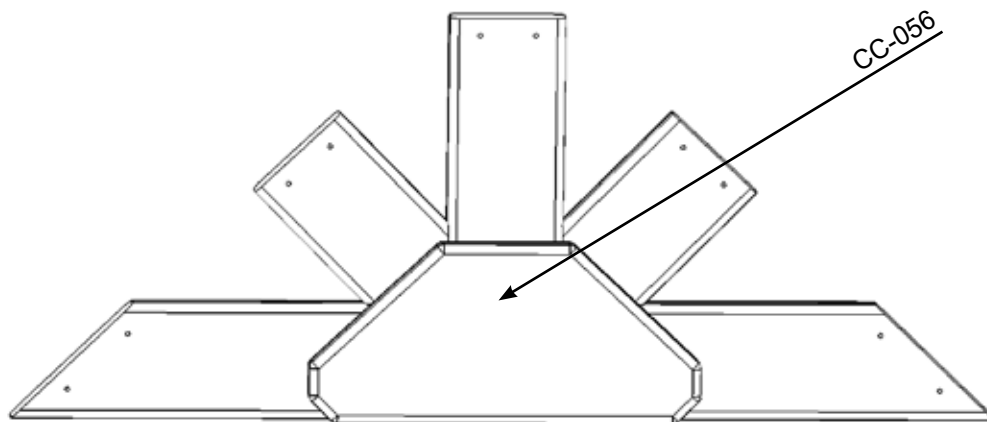
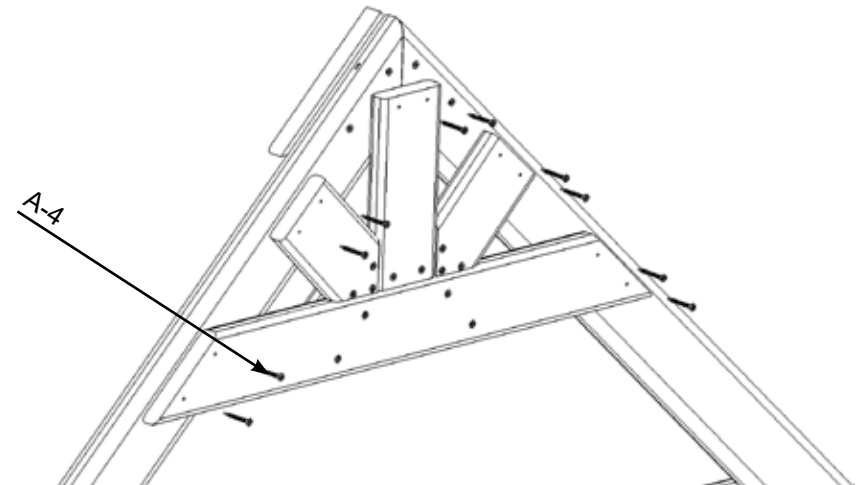
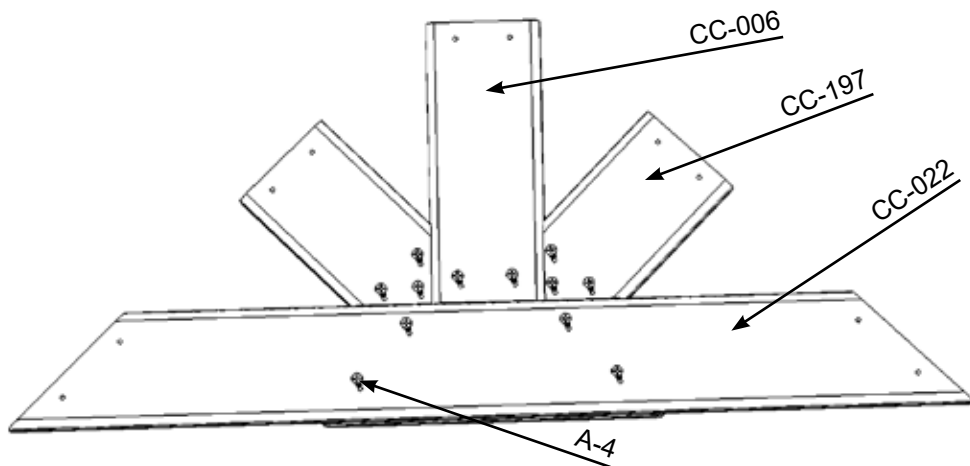
Universal Loft -Wood Roof Option

PARTS NEEDED

CC-197 Short Fan Board	(4)	CC-006 Center Fan Board	(2)
CC-022 Bottom Fan Board	(2)	CC-056 Fan Cap	(2)

HARDWARE NEEDED

A-4 #8 x 1 5/8" Coated Deck Screw (44)



Universal Loft -Wood Roof Option

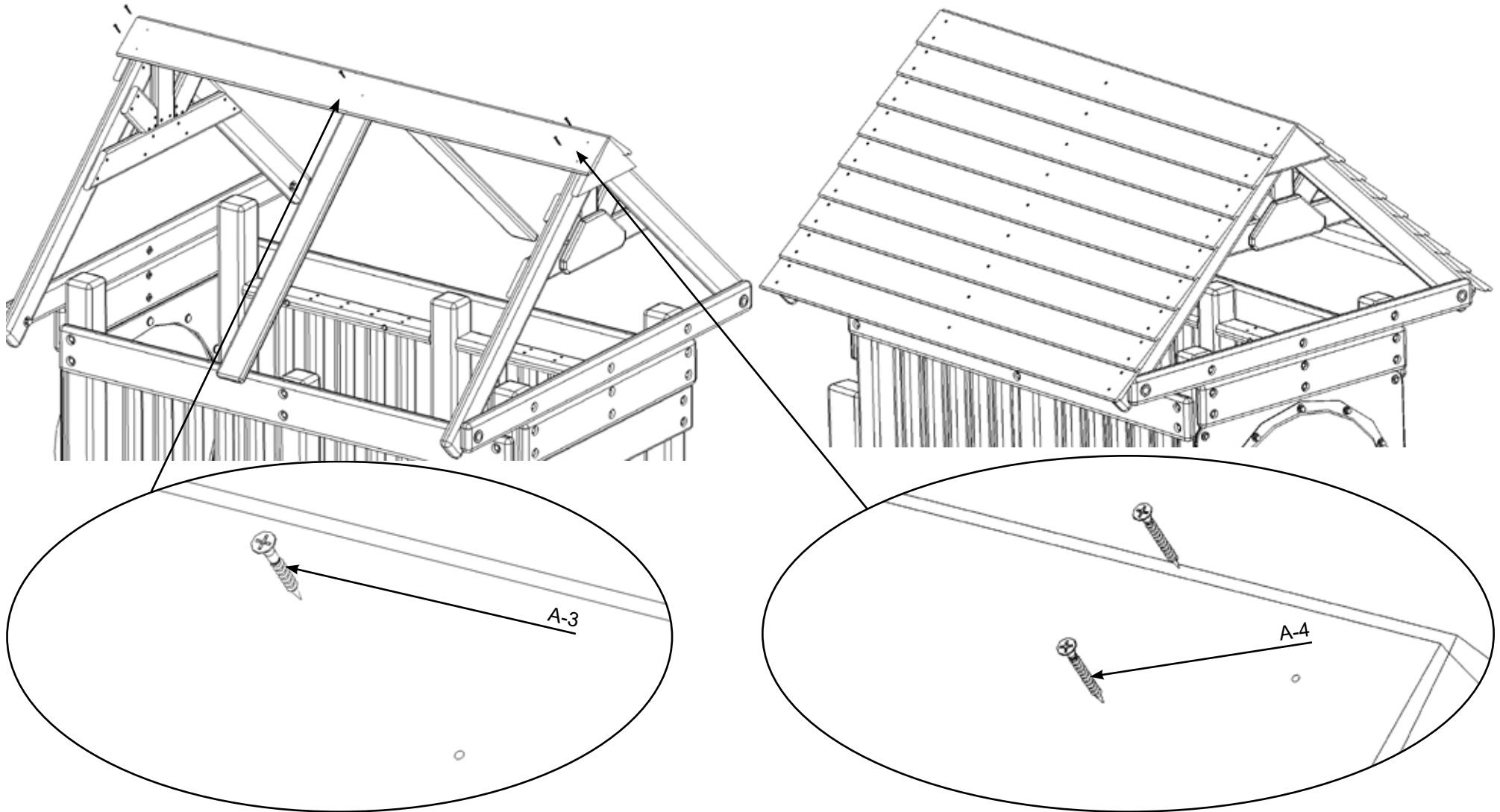
PARTS NEEDED

044-4 Center Support (2)
044-8 Wood Roof Board (18)

HARDWARE NEEDED

A-3 #8 x 1 1/2" Coated Deck Screw (18)

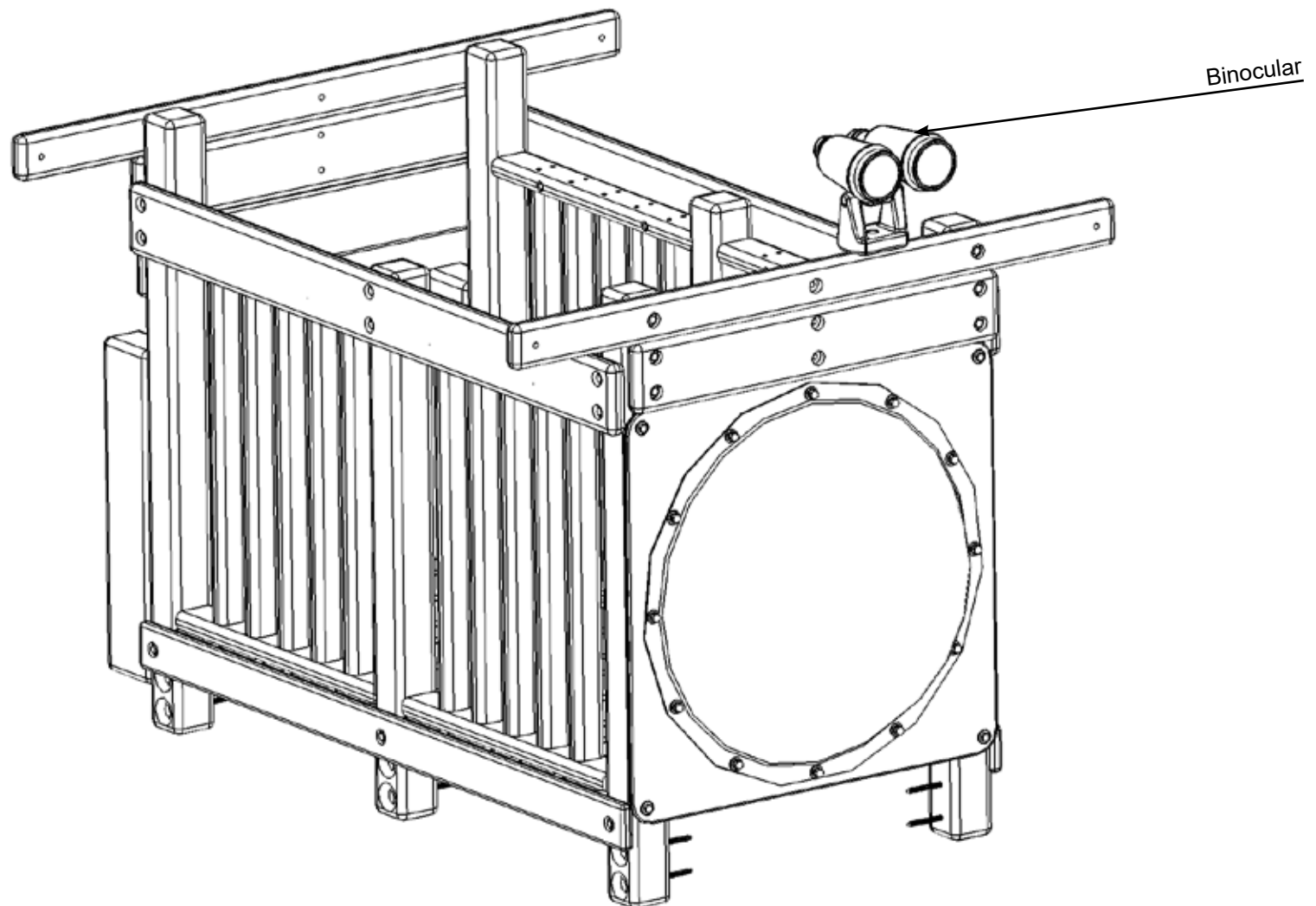
A-4 #8 x 1 5/8" Coated Deck Screw (72)



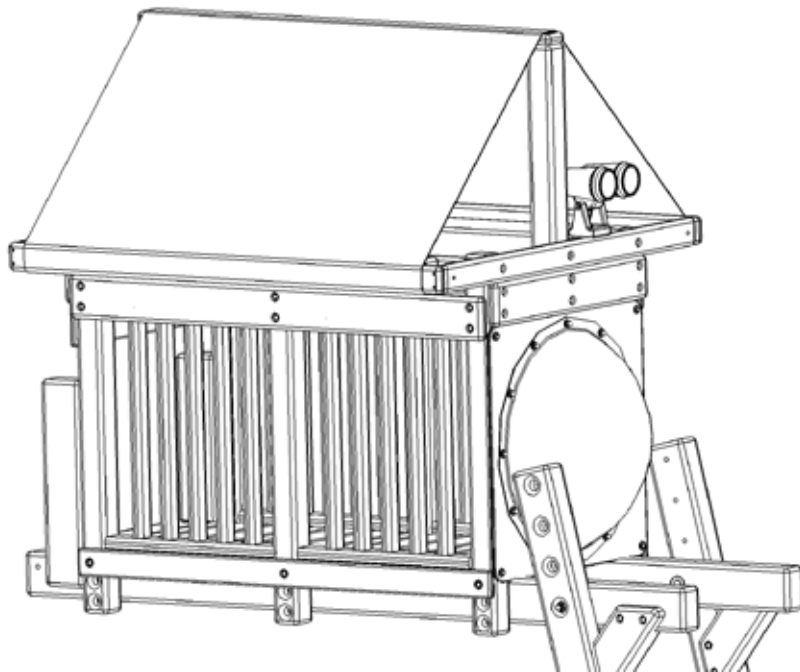
Accessories

PARTS NEEDED

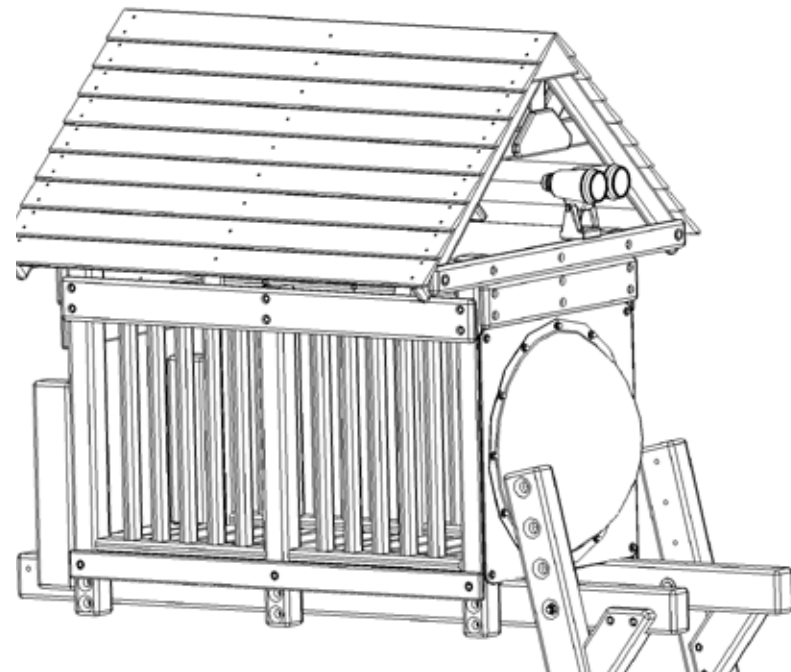
Binocular (1)



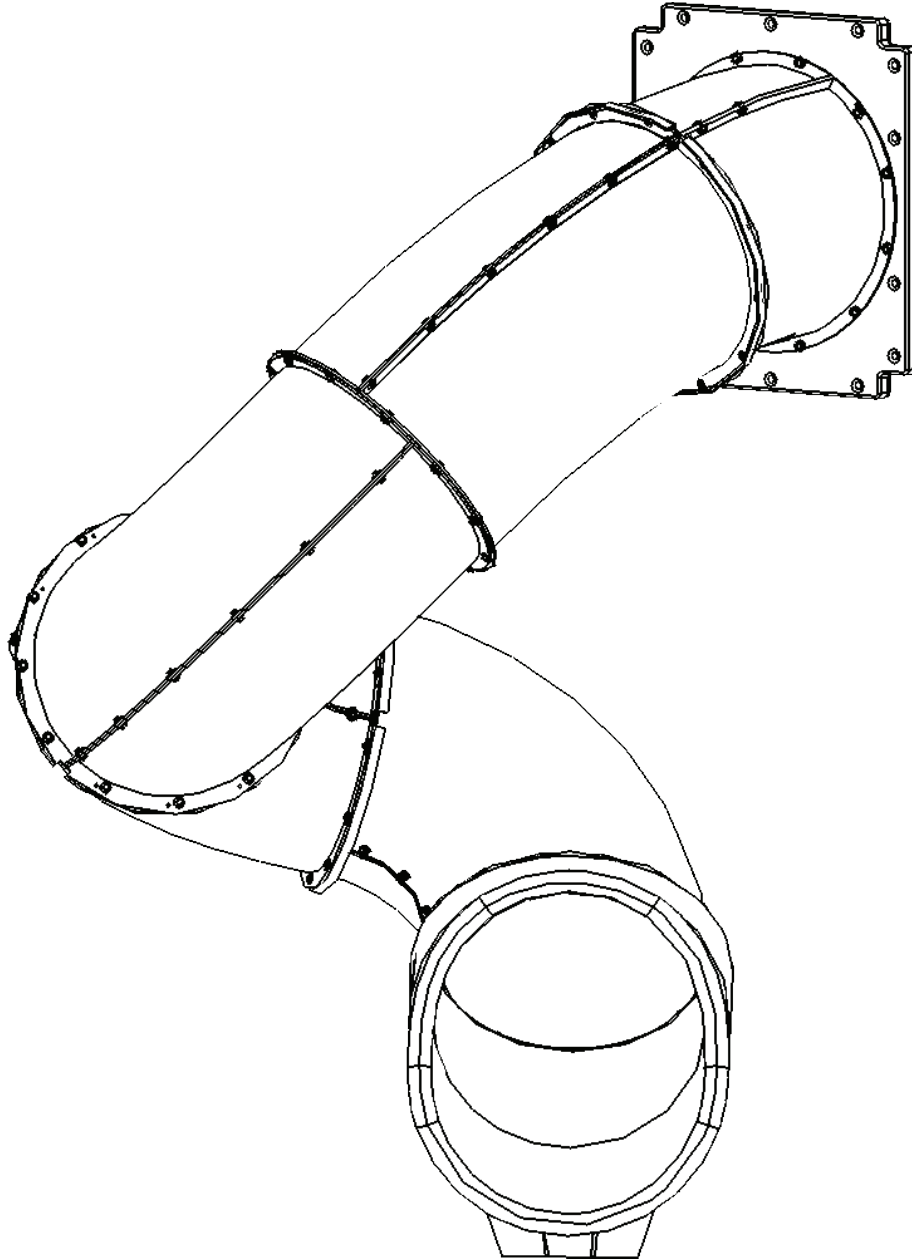
Loft Tarp



Loft Wood Roof



Super 360 Spiral Slide Installation Manual



Version 1:19



4465 West Sam Houston Parkway N.
Houston, Texas 77041
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Sections

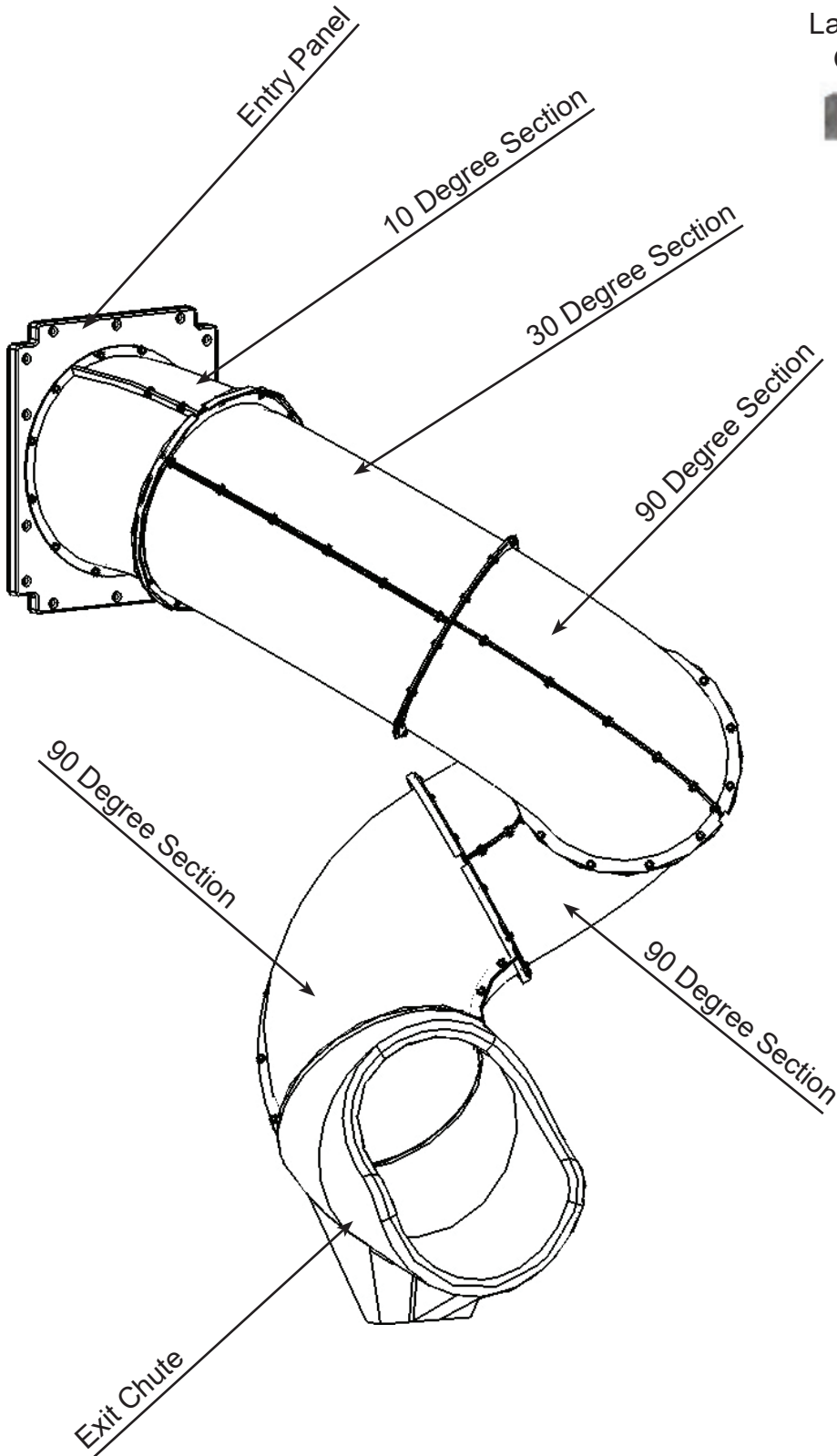
Page 1: Part List

Page 2: 5.8' Deck Height Assembly

Page 3: 5' & 7' Deck Height Assembly

Page 4: 6.5' Deck Height Assembly

PARTS



3/8" x 5"
Lag Screw
QTY. 2



5/16" x 1 1/2"
Lag Screw
QTY. 26



5/16" x 1"
Hex Bolt
QTY. 99



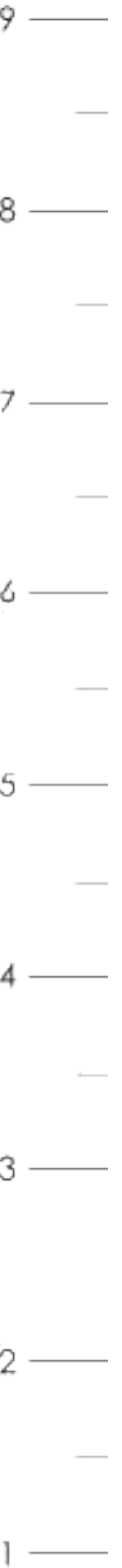
5/16"-18
Lock Nut
QTY. 97



5/16"
Flatwasher
QTY. 222

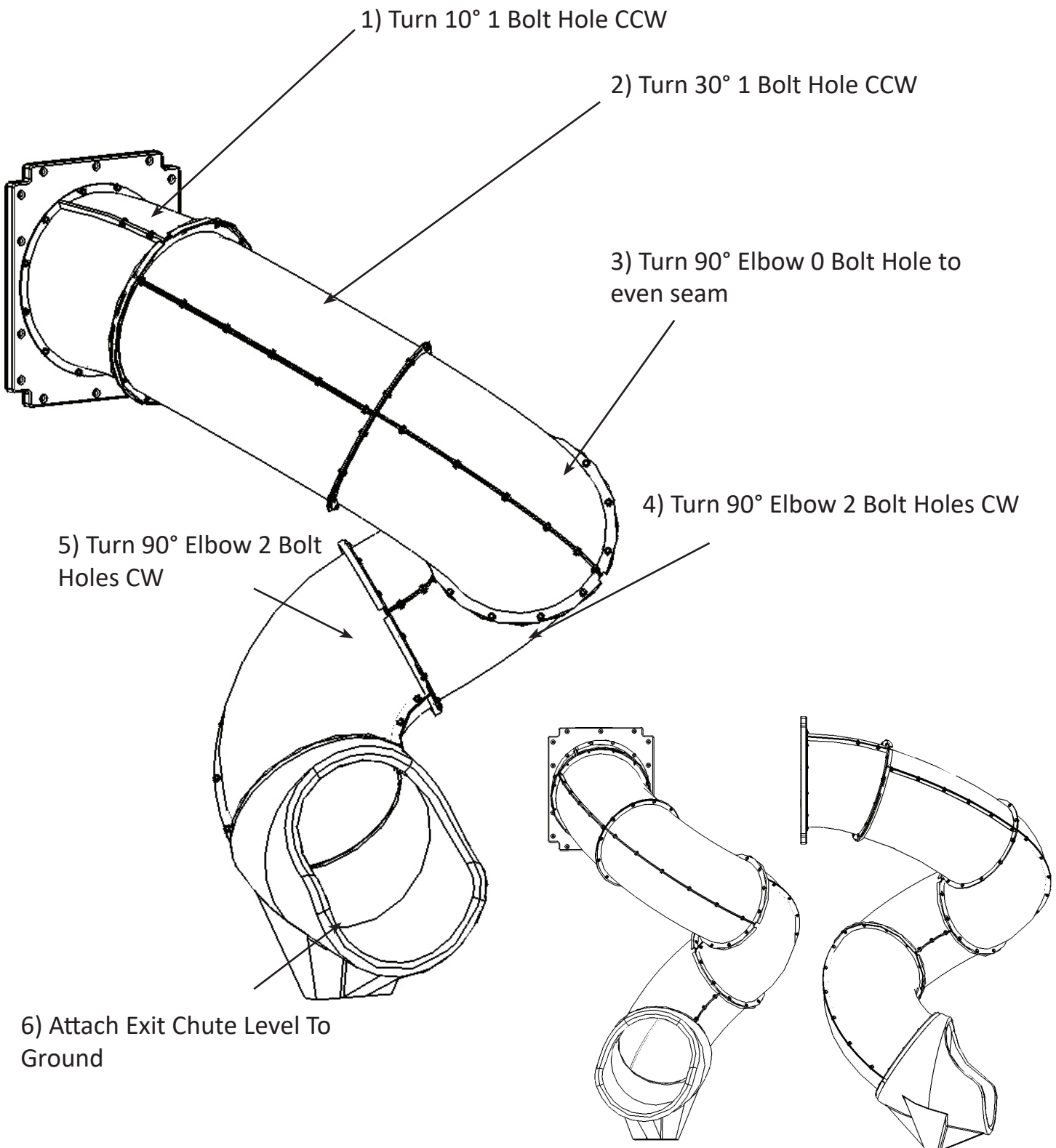


3/8"
Flatwasher
QTY. 2



Quick Reference Guide #1

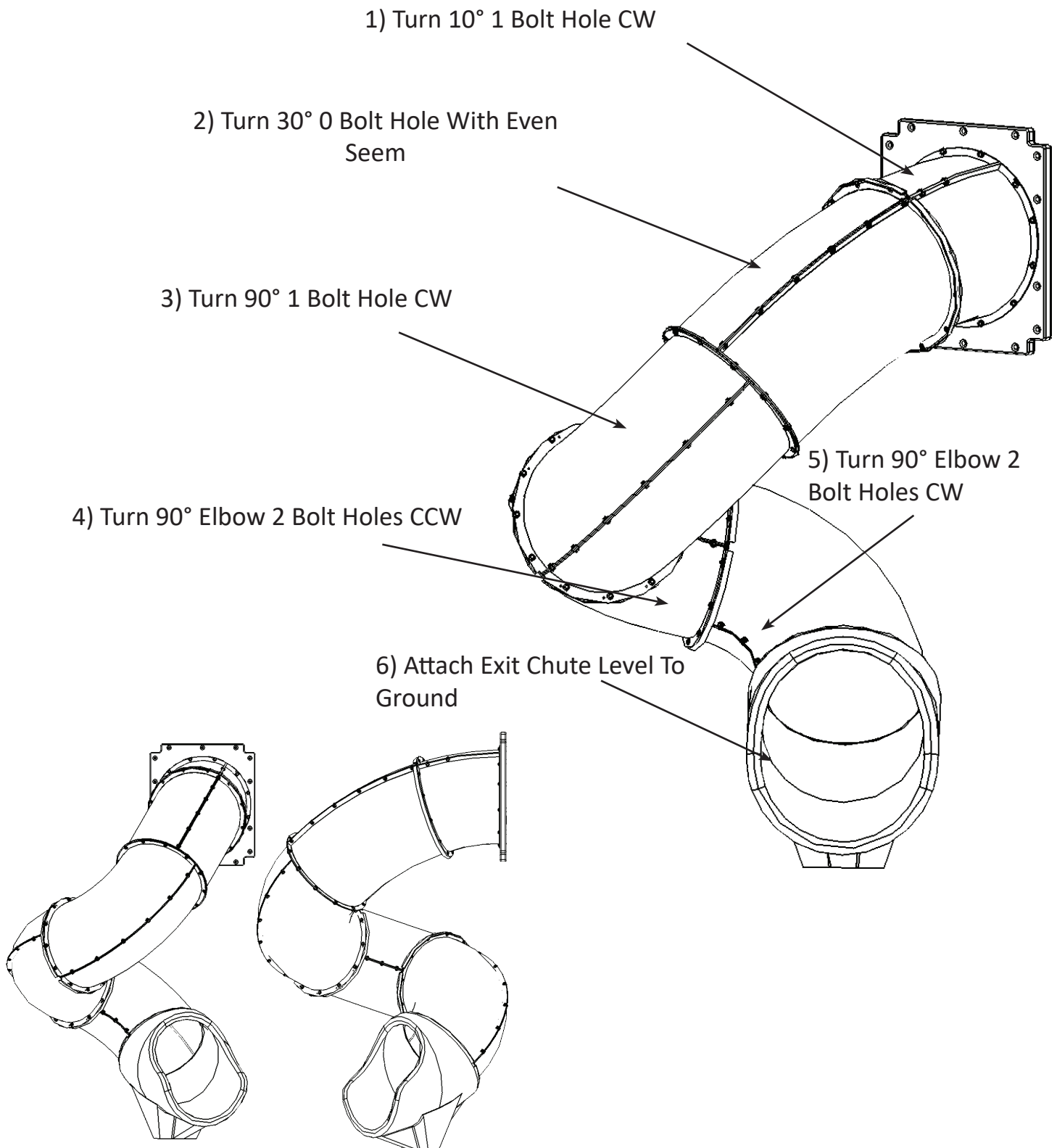
For 5.8' Deck Height



NOTE: To spiral in the opposite direction, apply CW turns instead of CCW and vice versa. Turns may need to be adjusted depending on the level of the land.

Quick Reference Guide #2

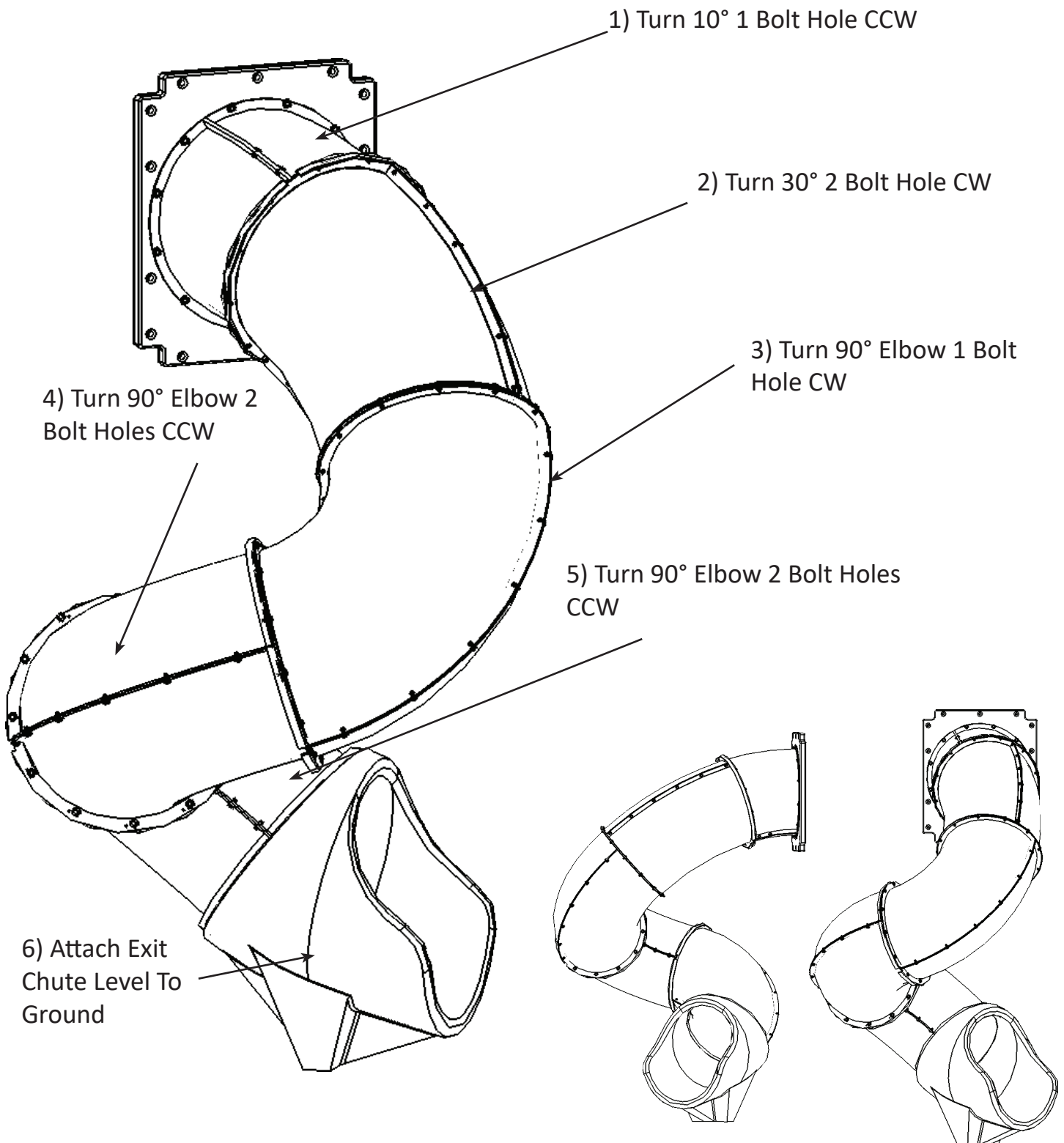
For 5' & 7' Deck Heights



NOTE: To spiral in the opposite direction, apply CW turns instead of CCW and vice versa. Turns may need to be adjusted depending on the level of the land.

Quick Reference Guide #3

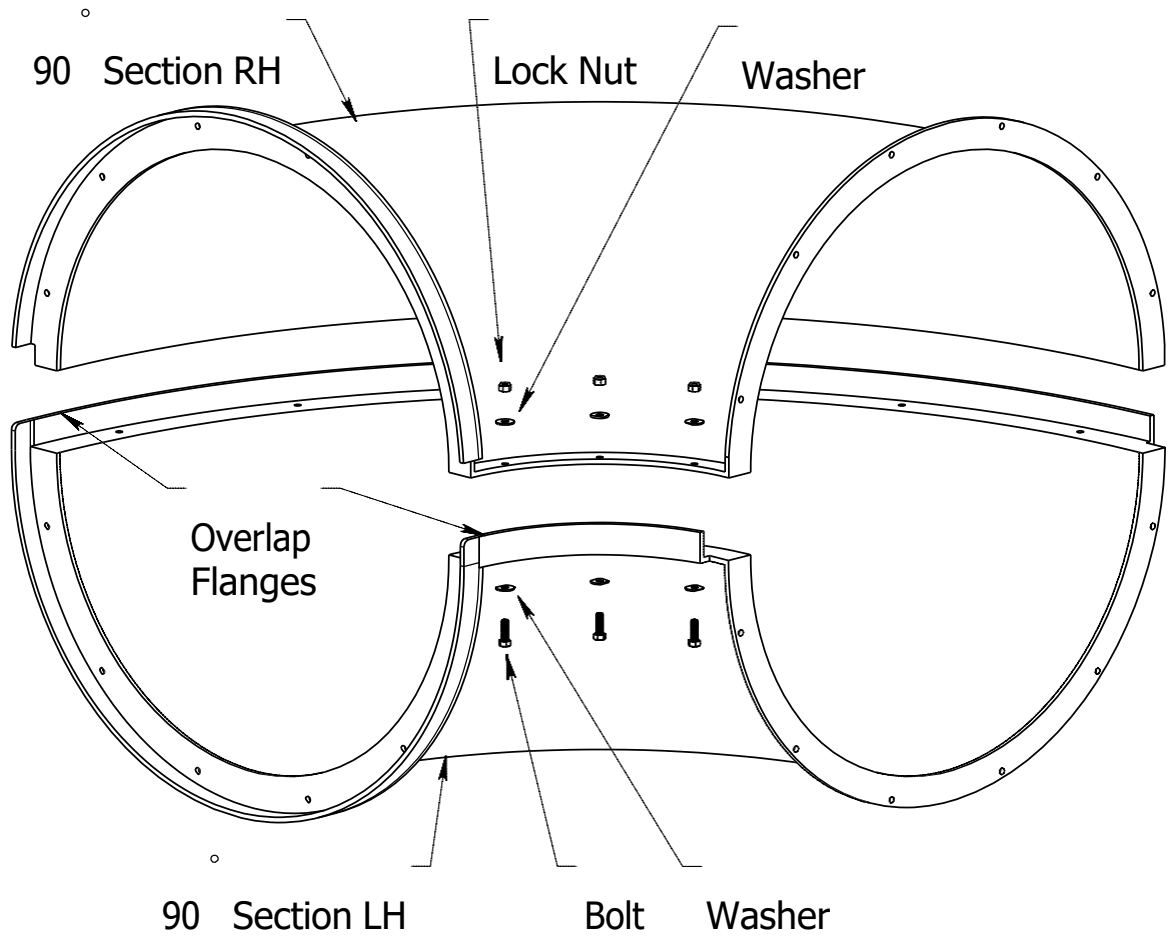
For 6.5' Deck Height

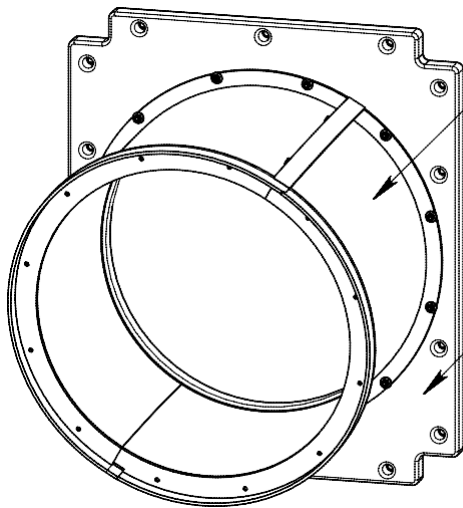


NOTE: To spiral in the opposite direction, apply CW turns instead of CCW and vice versa. Turns may need to be adjusted depending on the level of the land.

Step #1

Assemble the Elbow Section Halves together with the hardware as shown.
Note the position of the Overlap Flanges in relation to the direction of the Bolts.



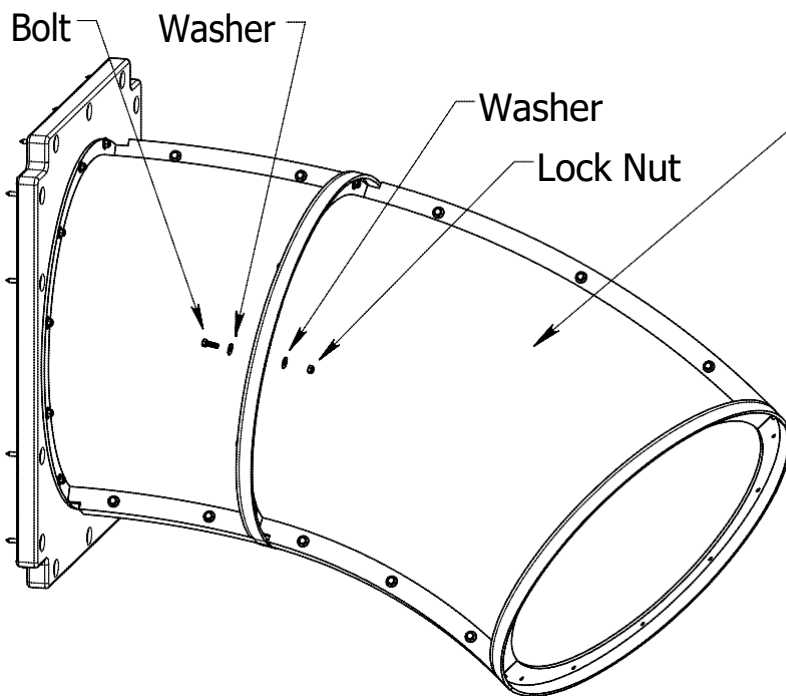


Step #2

Using Nuts, Washers and Bolts, attach the 10 ° Elbow to Entry Panel in the "Quick Reference" orientation.

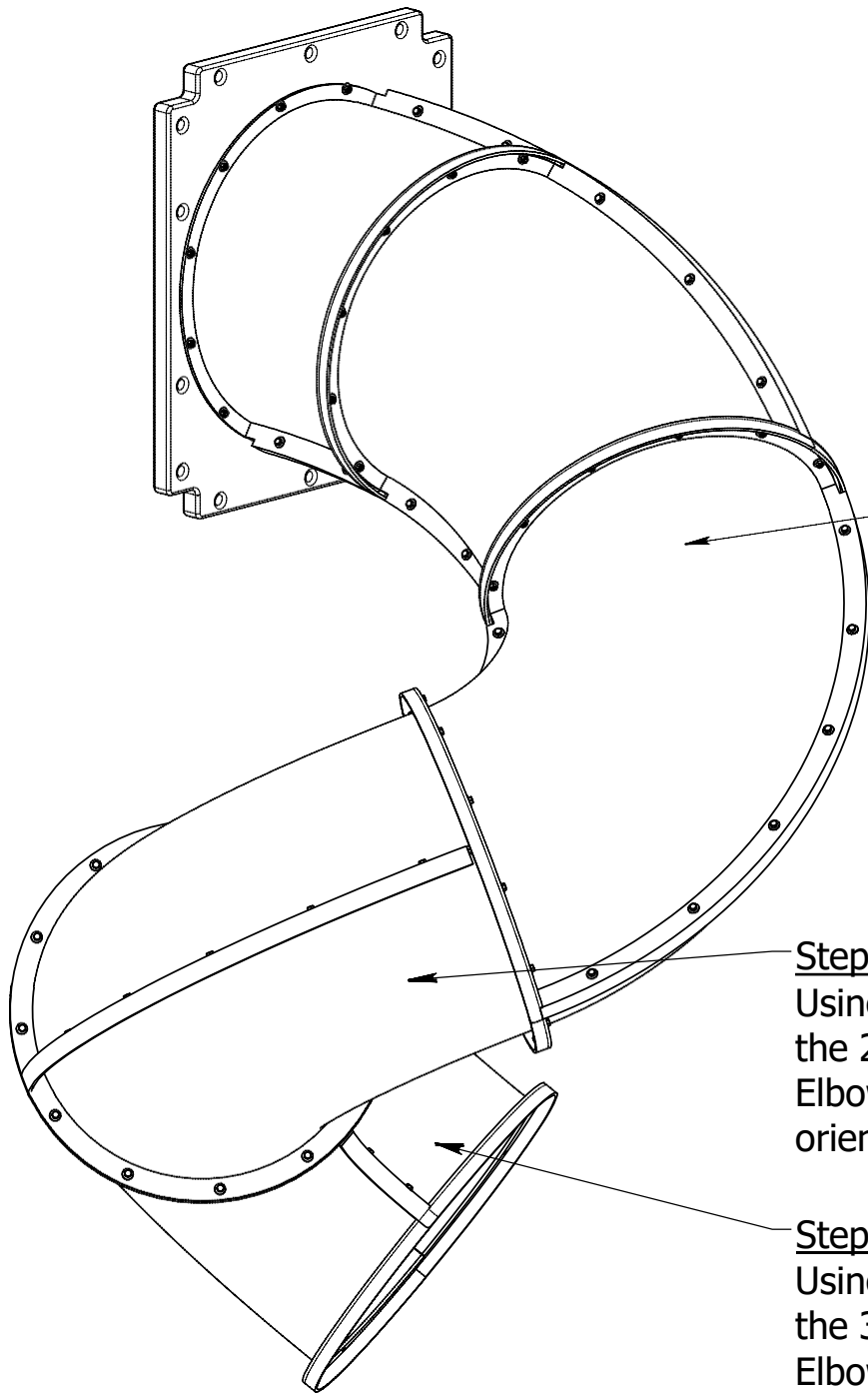
Step #3

After properly blocking the slide entrance on the playset, attach the Entry Chute/first Elbow assembly to the playset with the Lag Screws and Washers provided.



Step #4

Using Nuts, Washers and Bolts, attach the 30 ° Elbow to the previous Elbow in the "Quick Reference" orientation.



Step #5

Using Nuts, Washers and Bolts, attach the 90 ° Elbow to the previous Elbow in the "Quick Reference" orientation.

Step #6

Using Nuts, Washers and Bolts, attach the 2nd 90 ° Elbow to the previous Elbow in the "Quick Reference" orientation.

Step #7

Using Nuts, Washers and Bolts, attach the 3rd 90 ° Elbow to the previous Elbow in the "Quick Reference" orientation.

Step #8

Place the end of the Exit Chute up against the last Elbow Section and make it level with the ground. If any of the last Elbow bolt holes line up with the Exit Chute attach with Bolts and Washers (possibly 2 Places). For all the holes that don't line up attach with Lag Screws and Washers. (as many as 12 places) Start each Bolt by hand before tightening. Be careful not to overtighten the Lag Screws into the soft plastic.

