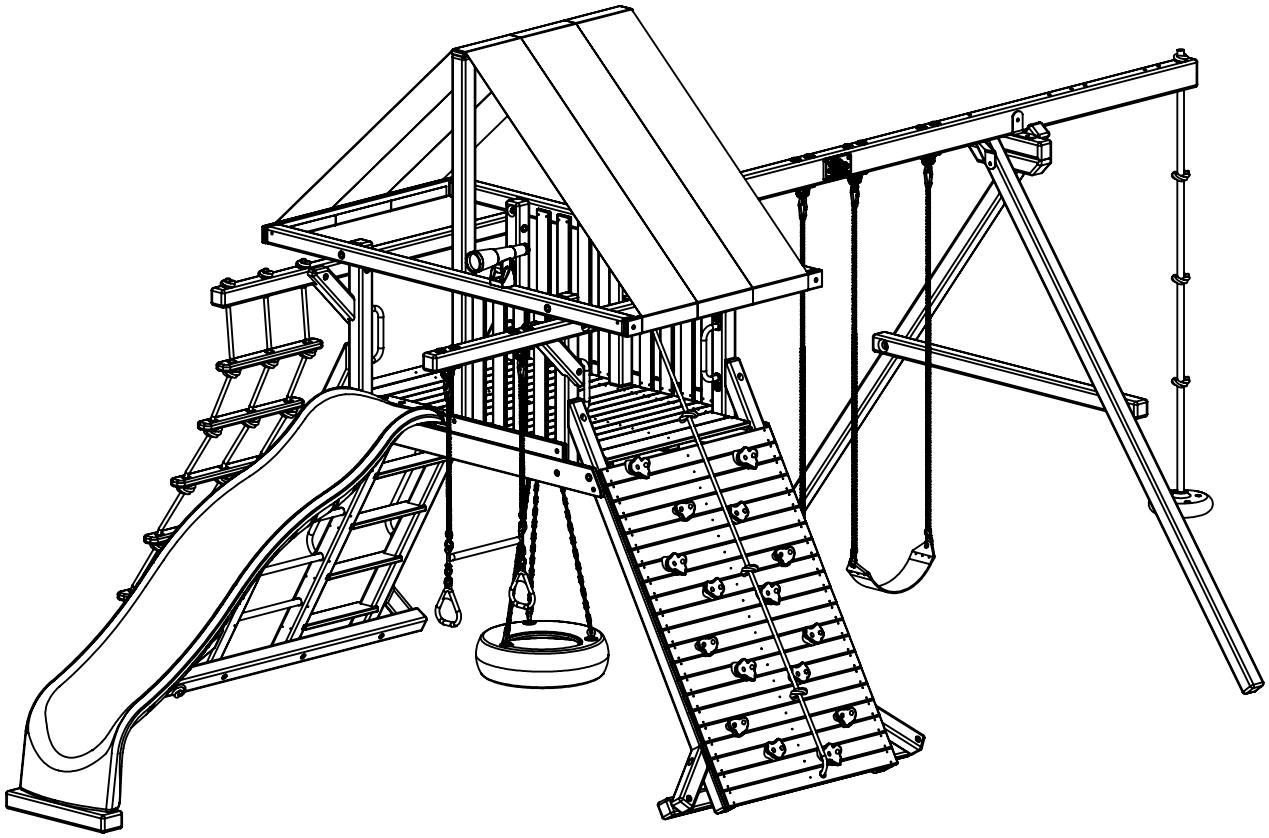
RAINBOW
PLAY SYSTEMS, INC.®
FINE RESIDENTIAL PLAY EQUIPMENT

Circus Castle

Assembly Instructions
5-70-0455
(Rev 3 - 10/9/18)
Contains Assembly, Use, and Maintenance Instructions



⚠ WARNING: Not suitable for children under 36 months. Fall Hazard.
Only for domestic use.
To be used under the direct supervision of an adult. Intended for children ages 3-12.

This owner's manual contains important information about how to assemble, locate, use, and maintain this playground equipment. Read this manual before you start assembly. Follow all instructions. Be sure to educate all children who use this playground and all adult supervisors about the rules for safe use that are contained in this manual.

Keep this Owner's Manual for future reference and to remind you of how to safely use and maintain this equipment.

RAINBOW RESERVES THE RIGHT TO MAKE CHANGES AND MODIFICATIONS TO THIS PRODUCT.

OWNER'S MANUAL

Rainbow Play Systems, Inc.

Thank you for choosing Rainbow Play Systems, Inc. Please read the instruction manual thoroughly before you start building your Circus Castle to help ensure safe installation. Familiarize yourself with all hardware and parts to help with building your playground.

WARNING: Failure to follow the assembly, location, use, and maintenance instructions in this manual could result in serious injury to children using this playground.

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Thoroughly read all Safety Instructions on pages 2-5 before beginning assembly of your playset.

Welcome to RAINBOW

Welcome to our family of ready-to-build residential play equipment. Ease of assembly has been pre-engineered into our product and we provide step-by-step installation instructions.

To ensure safe play for your children, before building your play system, please take some time with your children and go over the **Rules for safe play on your play system.** Do not allow children in the area while you are assembling your play system. Many of Rainbow's components are very heavy and could seriously injure a child. Observing these rules reduces the likelihood of serious or fatal injury.

After thoroughly reading the information below, locate your play site and carefully unpack parts. As you unpack your play system, keep the parts list handy and become familiar with each part before beginning assembly. Remember that a little extra time spent familiarizing yourself with the parts and the instructions before you begin will help to avoid mistakes and save you time later. Please keep these instructions for future reference.

This product is recommended for children 3 to 12 years of age.

Note: This product is not intended for public use. Rainbow Play Systems, Inc. does not warranty its Residential Play Equipment subject to commercial use.

Safety Instructions

Rules for Safe Play

WARNING: Before allowing children to play on this equipment for the first time, carefully review the rules for safe play with them. Observing the following statements and warnings reduces the likelihood of a serious or fatal injury.

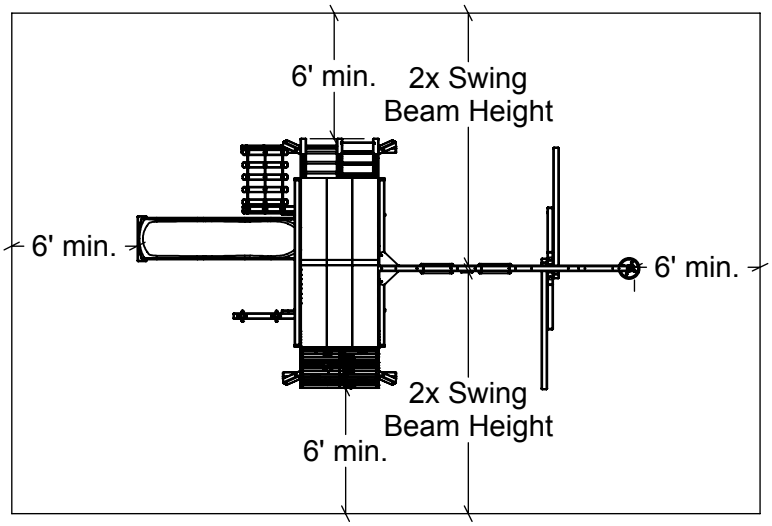
1. **IT IS RECOMMENDED** that no more than 8-10 children, not exceeding a combined weight of 1,500 pounds, play on the system at one time. This product is recommended for children 3 to 12 years of age.
2. **CLOSE ADULT SUPERVISION** is required for children of all ages.
3. **WARN CHILDREN TO AVOID** playing or walking in front of, behind, or between moving equipment.
4. **WARN CHILDREN NOT TO** twist swing chains or ropes, or to loop them over the top support bar since this may reduce the strength of the chain or rope.
5. **INSTRUCT CHILDREN NOT TO** swing empty seats, trapeze bar, gliders, buoy balls or tire swings.
6. **INSTRUCT CHILDREN** to always sit, never stand or kneel, in the center of the swing seat with their full weight.
7. **INSTRUCT CHILDREN NOT TO** use any part of the play system in a manner other than what it is intended.
8. **INSTRUCT CHILDREN NOT TO** get off equipment while it is in motion.
9. **DRESS CHILDREN APPROPRIATELY. CHILDREN SHOULD NOT** wear scarves, hats with straps, helmets, jackets with draw strings, hooded jackets, poorly fitting shoes, or any other loose fitting clothing that is potentially hazardous while using equipment.
10. **INSTRUCT CHILDREN NOT TO** play on the equipment if it is wet. Potentially slippery surfaces may cause a hazard.
11. **VERIFY** all suspended items such as ropes and chains are secure at both ends.
12. **VERIFY** all suspended items such as climbing ropes are tight so they cannot be looped back on themselves.
13. **INSTRUCT CHILDREN NOT TO** attach items to the play system not specifically intended for use with the play equipment. Items such as, but not limited to, jump ropes, clotheslines, pet leashes, cables and chain may pose a strangulation hazard.
14. **INSTRUCT CHILDREN TO REMOVE** any bike or other sports helmets before playing on the play equipment, as they may pose a possible hanging hazard. Children must be dressed appropriately.
15. **INSTRUCT CHILDREN** there may only be one person on a swing at a time with a maximum weight of 150 pounds per swing.
16. **VERIFY** there are no gaps between the slide bed way and the slide screws.
17. **INSTRUCT CHILDREN** to always go down slides feet first. Never slide head first.
18. **INSTRUCT CHILDREN TO NEVER** climb, crawl, or walk on items not intended for such use. Such types of play on top of Monkey Bars, Fort Roof, and Swing Beams greatly increase the risk of a serious or fatal fall.
19. **INSTRUCT CHILDREN** that only one child can be on Wave Slide at a time with a maximum weight of 140 pounds.

Choosing a location for your play system

When selecting your play site, always keep the child's safety in mind. Here are some recommendations that should help you achieve a safe play area.

1. The play system should be located on solid level ground free of objects that could cause injury such as, but not limited to, tree stumps, roots, and large rocks. Stationary components such as ladders and slides must be no less than SIX FEET (1.8 meters) from any structure or obstruction such as a fence, garage, house, tree or overhanging branches, electrical wires or clotheslines. Any swinging equipment must be a minimum distance of TWICE the height of the swing beam away from any structures or obstructions as specified above. We also recommend that you do not install your play system near a lake, river, swimming pool or other water hazards.
2. If anchoring your play system, all underground utilities must be located in play zone before starting assembly of play system.
3. Try to locate slide out of direct sunlight to reduce the likelihood of serious burns. A slide that faces north will receive the least direct sunlight.
4. It is recommended not to place a set on sandy soil or loose fill as it may require additional anchoring in that situation.
5. Do not install your play system over concrete, asphalt, packed earth, grass, carpet, or any other hard surface. A fall onto a hard surface can result in serious injury to the play system user.

Set Dimensions	Play Zone
L 23' 9" x W 12' 0" x H 11' 3"	L 35' 9" x W 31' 2"



Choosing a surfacing material

The consumer shall provide playground surfacing materials under and around residential play equipment that conforms to the recommendations of the Consumer Product Safety Commission's Outdoor Home Playground Safety Handbook publications #324. A copy of the section relating to surfacing materials is included in the installation instructions. Free copies of this handbook are available on line at www.cpsc.gov or by contacting the CPSC Publications Office in Washington D.C. 20207.

The URL is http://www.cpsc.gov/cpscpub/pubs/324.pdf and the file size is 456.5KB

Playground equipment should never be placed on hard surfaces such as concrete or asphalt. Do not use loose fill surfacing on top of hard surfaces such as concrete or asphalt. While grass may appear to be acceptable, it may quickly turn to hard packed earth in areas of high traffic. Shredded bark mulch, wood chips, fine sand or fine gravel are considered to be acceptable shock absorbing surfaces when installed and maintained at a sufficient depth under and around playground equipment. The U.S. 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's emergency rooms. Injuries involving this hazard pattern tend to be the most serious of all playground injuries, and have a 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.

The following 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 your playground equipment, the availability of the material in your area, and its cost.

Table 3.1 lists the maximum height from which a child would not be expected to sustain a life-threatening head injury in a fall onto four different loose-fill surfacing materials if they are installed and maintained at depths of 6, 9, and 12 inches. However, it should be recognized that all injuries due to falls cannot be prevented no matter what surfacing material is used.

TABLE 3.1 Fall Height in Feet From Which a Life Threatening Head Injury Would Not Be Expected			
Type of Material	**6 in. depth**	**9 in. depth**	**12 in. depth**
Double Shredded Bark Mulch	6 ft.	10 ft.	11 ft.
Wood Chips	6 ft.	7 ft.	12 ft.
Fine Sand	5 ft.	5 ft.	9 ft.
Fine Gravel	6 ft.	7 ft.	10 ft.

Surfacing in "compressed" depths - See CPS & ASTM for Fall Heights of equipment												
Equipment Fall Height	**1'**	**2'**	**3'**	**4'**	**5'**	**6'**	**7'**	**8'**	**9'**	**10'**	**11'**	**12'**
Wood Chips	6"	6"	6"	6"	6"	6"	6 1/2"	7 1/2"	8 1/4"	9"	12"	13"
Double Shredded Bark Mulch	6"	6"	6"	6"	7"	8"	9"	9 3/4"	10 1/2"	11 1/2"	12"	13"
Engineered Wood Fibers	6"	6"	6"	7"	8 1/2"	9"	9 1/2"	10 1/4"	10 3/4"	11"	10 3/4"	12"
Fine Sand	6"	6"	6 1/2"	8"	9	10"	10 1/2"	11 1/4"	12"	13 1/2"	14 3/4"	16"
Coarse Sand	6"	6"	7 1/2"	9"	10 1/2"	12"	14"	16"	18"	20"	22"	24"
Fine Gravel	6"	6"	6"	6 3/4"	8"	9"	10"	10 3/4"	11 1/2"	12"	13 1/4"	14 1/2"
Medium Gravel	6"	6 1/4"	8"	9"	9"	12"	14"	16"	18"	20"	22"	24"

Chart obtained from U.S. Consumer Product Safety Commission Handbook for Public Playground Safety

NOTICE: It is recommended to use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging for surfacing materials.

Installations of rubber tiles or poured-in-place surfaces (other than loose-fill materials) generally require a professional and are not "do-it-yourself" projects.

When surfacing is to be used it is recommended to use Playground Surfacing Materials (other than loose-fill materials) which comply to the safety standard ASTM 1292 Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment.

Maintenance of your play system

To ensure safe enjoyment of your Rainbow Play System for years to come, follow these maintenance tips:

1. **At the beginning of each usage season and twice each month,** check and tighten as needed (but do not over tighten causing the wood to crack) all nuts and bolts. Acorn nuts should be tightened to 5 foot pounds of torque. Hardware used on swinging elements should be checked at least twice a month to ensure proper fastening.

2. **At the beginning of each usage season and twice each month,** check all coverings for bolts and sharp edges to be certain they are in place. Replace when necessary.

3. **Oil all** metallic moving parts and grease Tire Swivel monthly during the usage period.

4. **Check** all moving parts including swing seats, ropes, and chains for wear, rust, or other deterioration and replace as needed.

5. **Check** all metal parts for rust. If needed, sand and repaint using a nonlead-based paint meeting the requirements of Title 16 CFR Part 1303.

6. **Check** the S-Hooks on the chains to ensure the gap is less than .040 inches. Tighten/close as necessary.

7. **Remove** plastic swing seats and take indoors or do not use when temperature drops below 32° Fahrenheit. Reinstall swing seats when the cold season is complete.

8. **Check, twice a month,** the depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Rake or replace as necessary.

9. **When you are ready to dispose of your playset,** make sure all metal, plastic and wood components are disposed of in accordance with local waste ordinances and ensure that no unreasonable hazards exist.

10. **On a yearly basis,** we recommend that you coat your play system with a sealant or preservative. You may also want to spot sand areas before sealing. Be sure that the sealant you select is non-toxic and child safe.

11. **Check** all wood members for deterioration and splinters. Spot sand any areas that are checking or splintering. If parts are deteriorating, replace as needed.

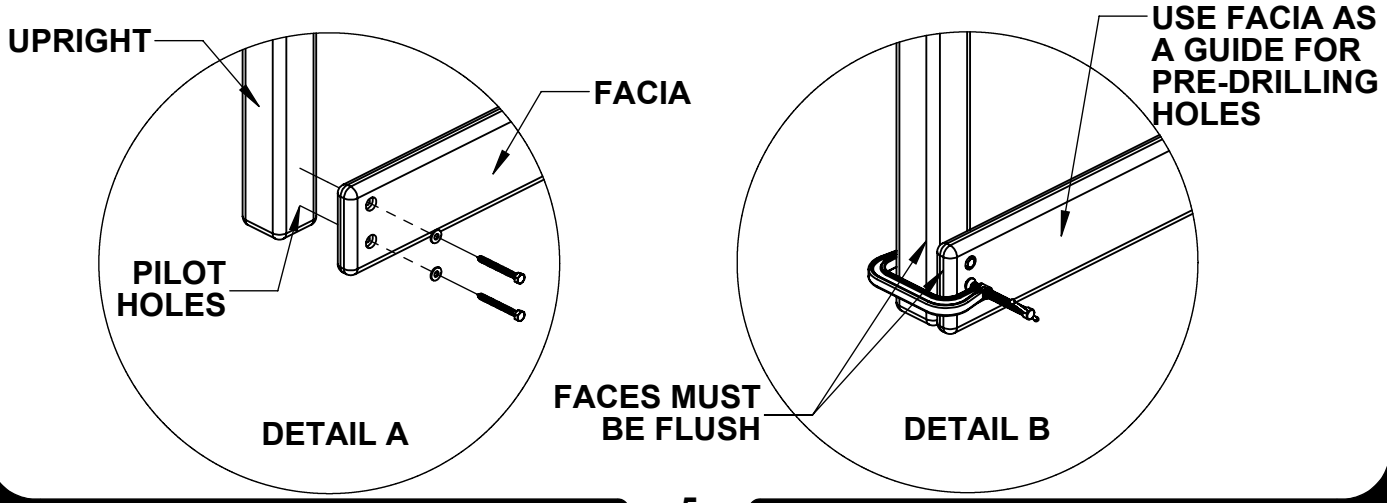
Helpful Installation Hints

1. **Wear safety glasses to protect your eyes from flying wood chips when drilling or cutting.**
2. **Verify that all bolts and screws are secured tightly and all acorn nuts are snug** (acorn nuts should be tightened to 5 foot pounds of torque).
3. **DO NOT** allow children to play on the play system until it is completely assembled in a proper location.
4. **DO NOT** allow children in the area while you are assembling your play system. Many of the Rainbow Play Systems, Inc. components are very heavy and could seriously injure a child.
5. **After thoroughly reading all information and properly locating your play system site, carefully unpack parts.** As you unpack your play system, keep the parts list handy and become familiar with each part before beginning assembly. Remember that a little extra time spent familiarizing yourself with the parts and instructions before you begin will help avoid mistakes and save you time later.
6. **Group** both wood and non-wood parts together in accordance to each page, or Step, of this assembly manual. Doing this now will help you quickly locate parts and assemble the set with ease.
7. **Sort** your hardware into groups of similar hardware pieces. Use a solid surface, such as the empty boxes, to ensure you do not lose any hardware.
8. **Before** starting each Step, thoroughly read all of the instructions to ensure all information is understood. Pay special attention to the orientation of each part, details & notes, and proper usage of hardware. Each piece of hardware is required for a certain part of the assembly.
9. **Certain** steps of the assembly are best performed on a hard flat surface to ensure proper and accurate assembly.
10. **All** Lag Bolts must have pre-drilled holes 2" deep (as shown in Detail A). Use a 1/8" drill bit for all 1/4" and 5/16" Lag Bolts and use a 1/4" drill bit for all 3/8" Lag Bolts. Lag Bolts can be difficult to put in knot holes. Pre-drilling pilot holes will help to prevent the Lag Bolts from breaking.
11. **All** #14 Phillips Pan Head Tap Screws must have pre-drilled holes 1/2" deep. Use a 1/8" drill bit.
12. **Use** a clamp to secure facias flush to the Uprights and use holes in facia as a guide for placing Lag Bolt Pilot Holes (as shown in Detail B).
13. **Verify** Facias are flush with Uprights.
14. **Check** assembly periodically to ensure the set is level and all facias are square to the uprights.
15. If a gap occurs between boards when inserting Screws or Lag Bolts, back out hardware and apply pressure to the top board while reinserting hardware in the same hole.

WARNING

Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

California Health and Safety Code Section 25249.6



COMMONLY ASKED QUESTIONS

Question: How do I know when Lag Bolts and other Fasteners are tightened properly?

Answer: Lag Bolts and other Fasteners are tight when the head of the Lag Bolt and Washer are firmly compressed against the wood. If splintering occurs, that is an indication you are over tightening the Lag Bolts and other Fasteners. (Splintering is when the wood fibers fracture out from under the washers).

Question: What should I do if a Lag Bolt or other Fastener lines up with a knot, or if the Lag Bolt breaks?

Answer: There is extra Hardware provided with the set for this reason. Re-Drill a new hole with a 1/8" Drill Bit in a new direction to miss the obstruction.

Question: What if my Play System is leaning and/or rocks?

Answer: This is caused by unleveled ground under the Base and Support Wings of the Play System. It may be necessary to remove or add some soil beneath the Play System to make it level. Ground Stakes, when installed, will also provide stability.

Question: What if my Play System has cracks on the wood or seems to be developing cracks?

Answer: Seasonal checks, surface cracks, and knot holes are natural characteristics of all wooden play equipment. A check is a separation of the wood fibers running with the grain. This is caused by varying temperature and moisture conditions. By coating your Play System annually with a sealant or preservative, you can help protect your Play System from developing (not stopping) seasonal checks. Please remember to follow all installation instructions, including installing the play set on solid level ground.

Question: What is the sticky substance that appears on the wood?

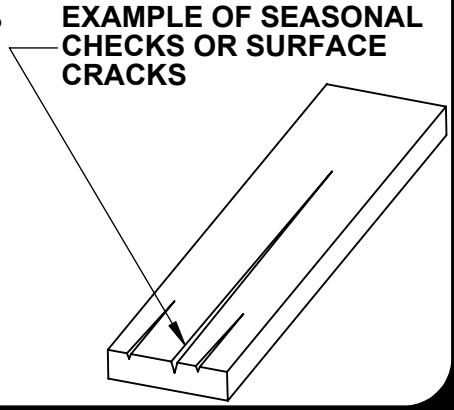
Answer: The sticky substance that may appear on the wood is called pitch. It is common for the lumber to have occasional pitch seepage which does not affect the structural integrity of the part. Pitch provides the natural rot resistant characteristics of the lumber. If play surfaces or play items become overly sticky with pitch use rubbing alcohol to safely remove.

Question: What accessories may be added or what modifications can be made to my Rainbow boxed kit set?

Answer: Rainbow boxed kit sets are complete kits and are not modular. Play sets with unauthorized accessories or modifications will not be covered under warranty. Non-residential use of the play set voids warranty.

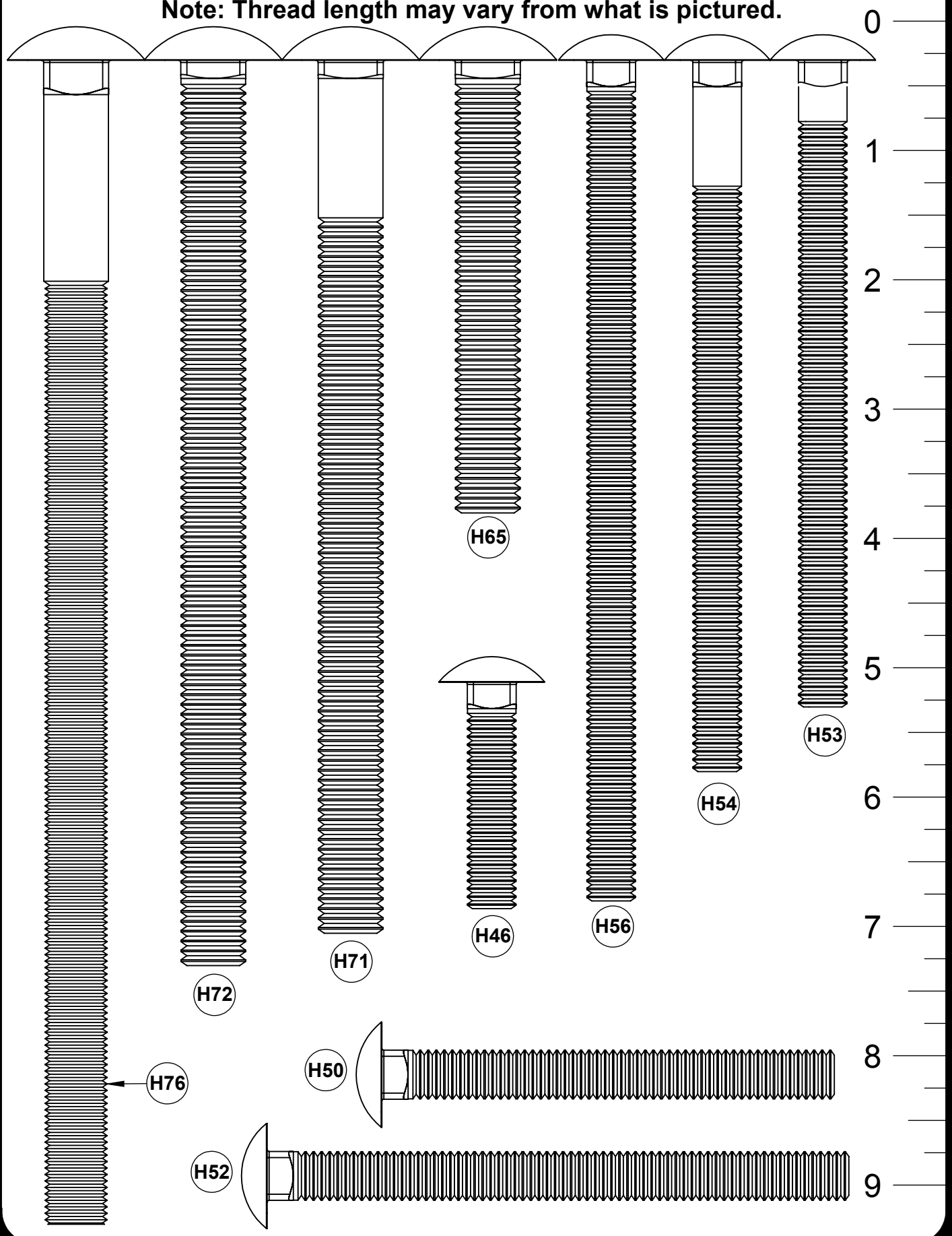
Question: Is my child old enough to use all play items on my set?

Answer: All play items on Rainbow boxed kit sets are designed for children ages 3 to 12, but it is the end users responsibility to determine suitability of use by their children for each play item.



Hardware for Assembly

Note: Thread length may vary from what is pictured.



Hardware for Assembly

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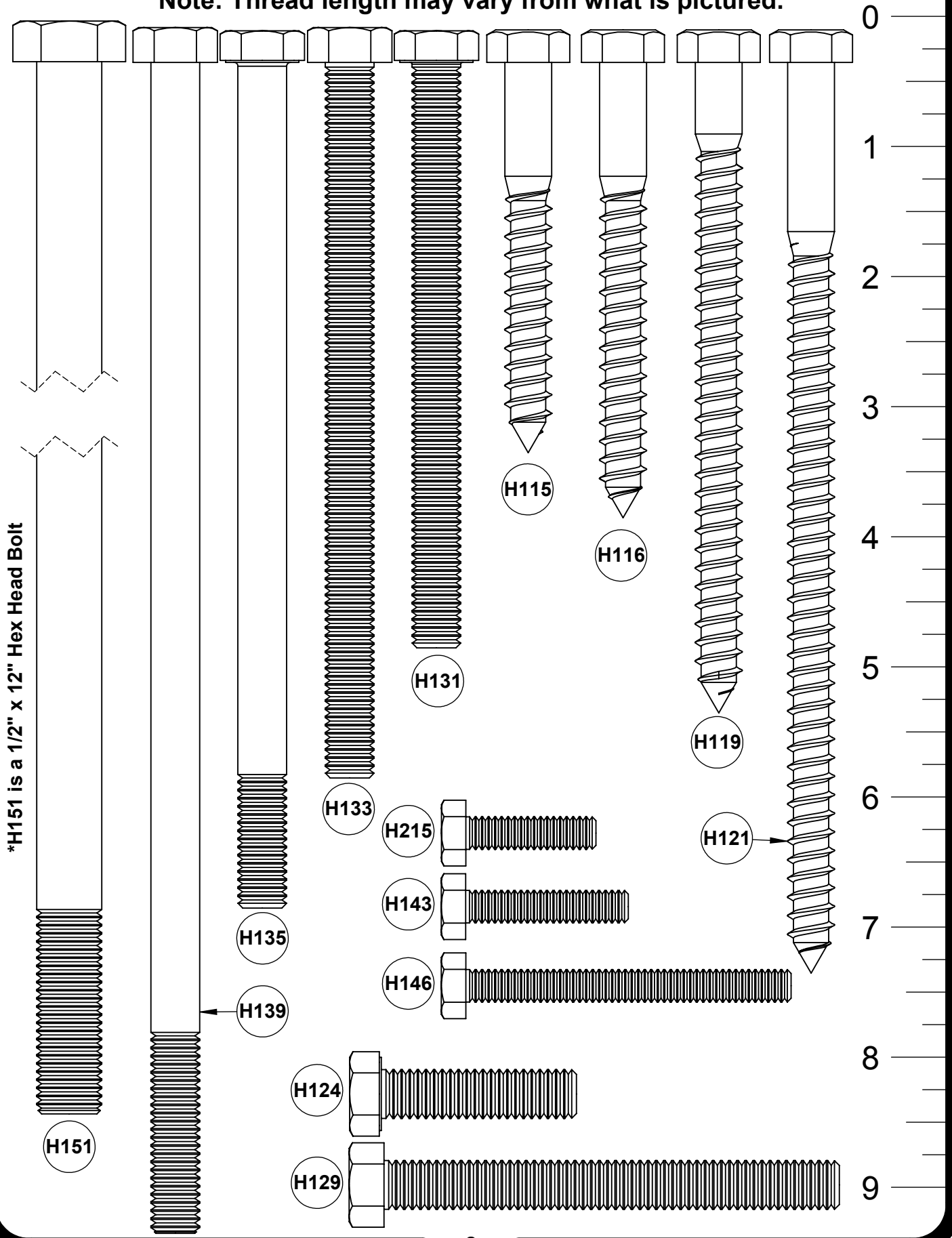

Hardware for Assembly

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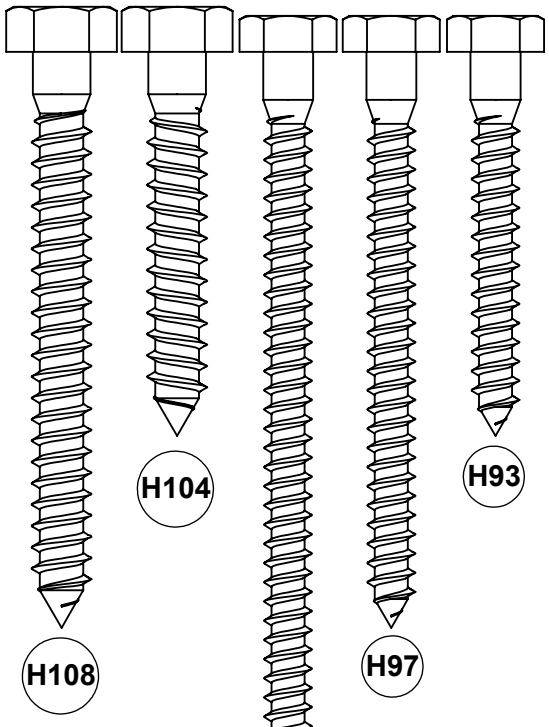
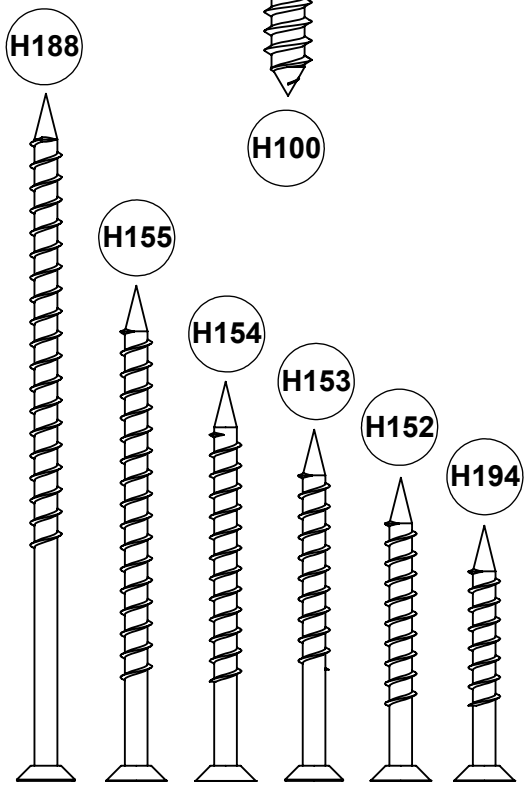
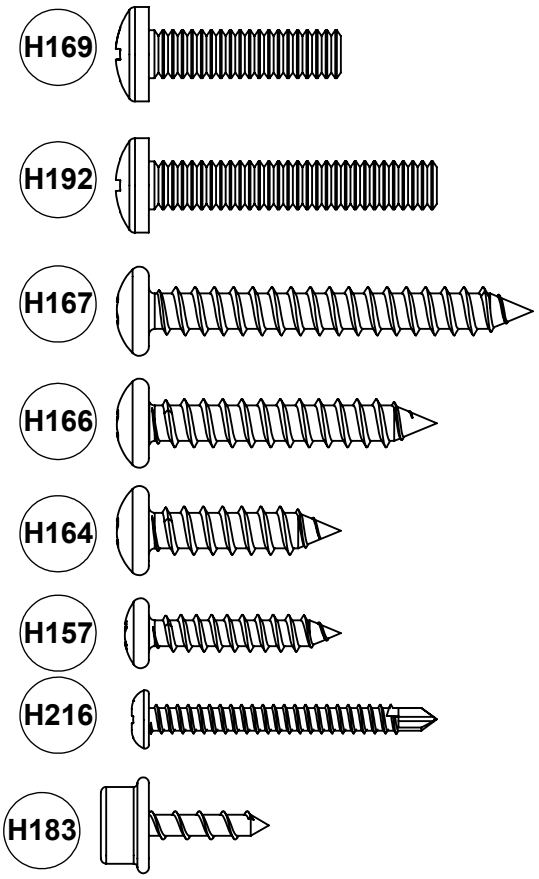
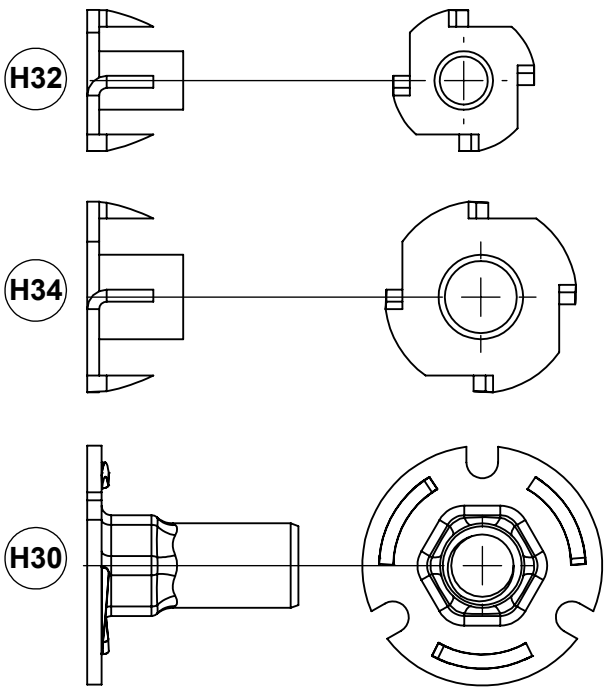


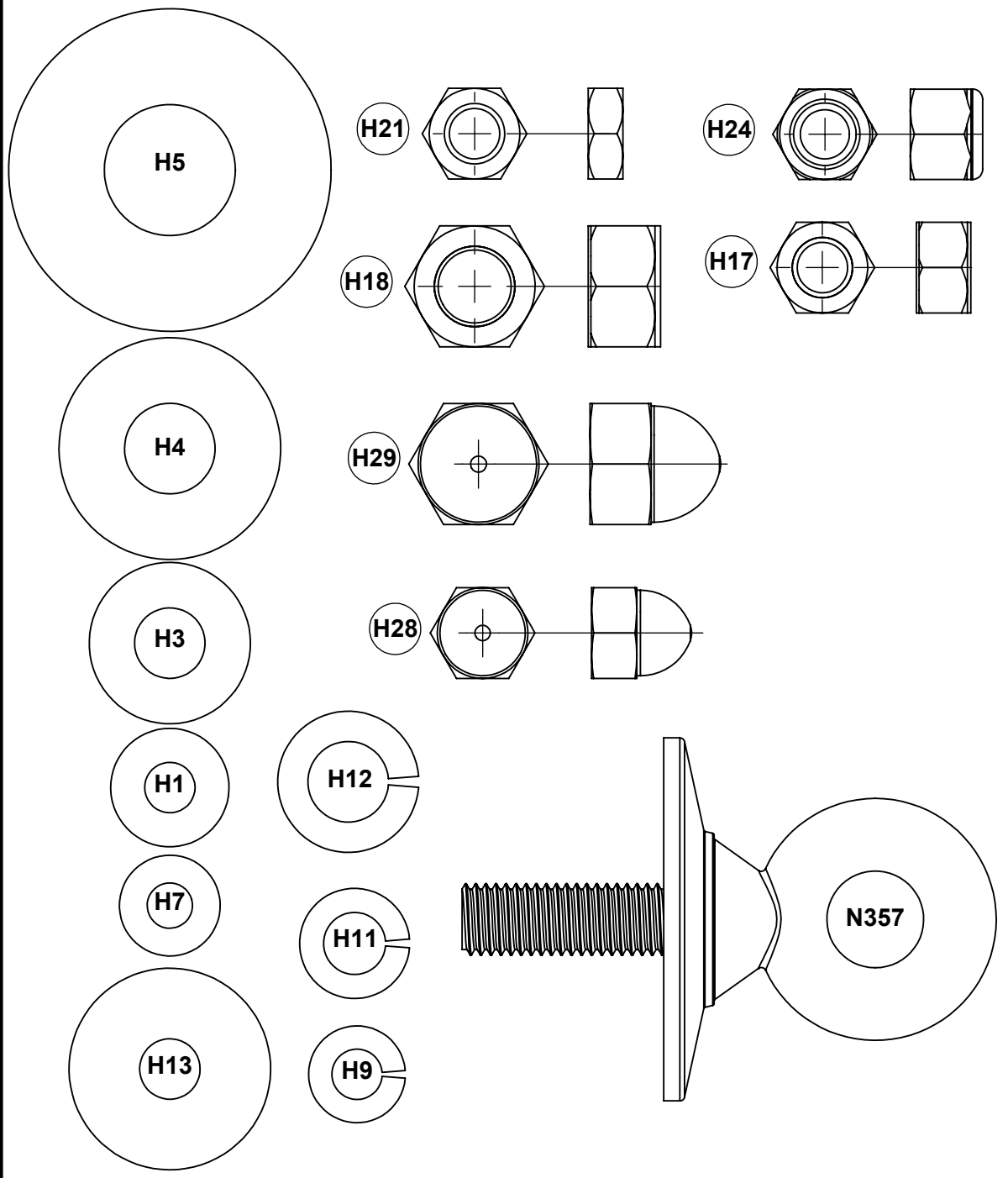






Hardware for Assembly

***Note: Thread length may vary from what is pictured.**



TOOLS REQUIRED FOR ASSEMBLY

Tape Measure
Carpenters Level
Carpenters Square
Rubber Mallet (optional)
Claw Hammer
Wood Clamp
Standard or Cordless Drill with #2 & #3 Phillips Bits

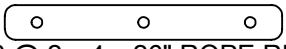
Electric Impact Gun or 1/4" and 3/8" Ratchet
1/8" Drill Bit
1/4" Drill Bit
9/16" Drill Bit
Torque Wrench
Crescent Wrench

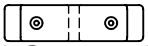
7/16" Deep Well Socket
1/2" Deep Well Socket
9/16" Deep Well Socket
9/16" Box Wrench
8' Step Ladder
Safety Glasses
Adult Helper

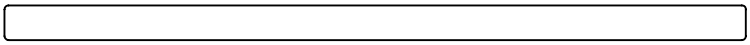
Circus Castle Hardware List

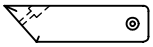
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	19	5-46-0946
H3	Flat Washer	3/8"	47	5-46-0946
H4	Flat Washer	1/2"	10	5-46-0946
H5	Flat Washer	3/4"	2	5-46-0946
H7	SAE Flat Washer	1/4"	64	5-46-0946
H11	Lock Washer	3/8"	16	5-46-0946
H12	Lock Washer	1/2"	2	5-46-0946
H13	Fender Washer	3/8" x 1 1/4"	6	5-46-0946
H17	Standard Nut	3/8"	8	5-46-0946
H18	Standard Nut	1/2"	2	5-46-0946
H28	Acorn Nut	3/8"	16	5-46-0946
H29	Acorn Nut	1/2"	2	5-46-0946
H32	4 Prong T-Nut	1/4"	32	5-46-0946
H34	4 Prong T-Nut	3/8"	8	5-46-0946
H56	Carriage Bolt	3/8" x 6 1/2"	8	5-46-0946
H65	Carriage Bolt	1/2" x 3 1/2"	2	5-46-0946
H93	Lag Bolt	1/4" x 2"	6	5-46-0946
H104	Lag Bolt	5/16" x 2"	14	5-46-0946
H108	Lag Bolt	5/16" x 3"	19	5-46-0946
H116	Lag Bolt	3/8" x 3 1/2"	10	5-46-0946
H119	Lag Bolt	3/8" x 5"	21	5-46-0946
H133	Hex Head Bolt	3/8" x 5 1/2"	8	5-46-0946
H154	Phillips Wood Screw	#8 x 2"	117	5-46-0946
H155	Phillips Wood Screw	#8 x 2 1/2"	88	5-46-0946
H188	Phillips Wood Screw	#8 x 3 1/2"	20	5-46-0946
H194	Phillips Wood Screw	#8 x 1 1/4"	48	5-46-0946
H157	Phillips Pan Head Tap Screw	#10 x 1"	8	5-46-0946
H164	Phillips Pan Head Tap Screw	#14 x 1"	6	5-46-0946
H192	Phillips Pan Head Machine Screw	1/4" x 1 1/2"	32	5-46-0946
H216	Phillips Pan Head Self Drilling Screw	#8 x 1 1/2"	12	5-46-0946

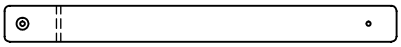
Circus Castle Parts List

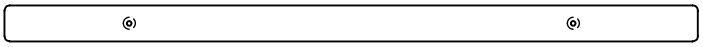
3111 
6 @ 2 x 4 x 26" ROPE RUNG (3-03-0111)

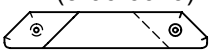
6197 
1 @ 4 x 4 x 13" ROPE BLOCK (3-06-0197)

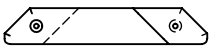
3290 
1 @ 2 x 4 x 69 1/2" DECK RUNNER (3-03-0290)

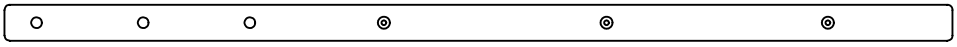
6097 
4 @ 4 x 4 x 13 1/2" ANGLED BRACE (3-06-0097)

6102 
4 @ 4 x 4 x 36 3/4" CORNER UPRIGHT (3-06-0102)

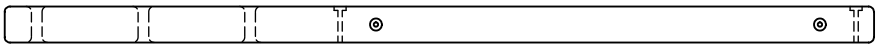
6079 
1 @ 4 x 4 x 65" GROUND RUNNER (3-06-0079)

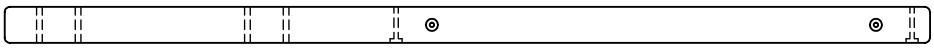
6107 
1 @ 4 x 4 x 19" RIGHT SLIM BRACKET (3-06-0107)

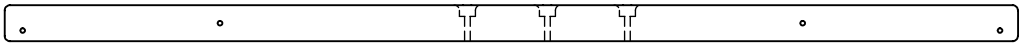
6108 
1 @ 4 x 4 x 19" LEFT SLIM BRACKET (3-06-0108)

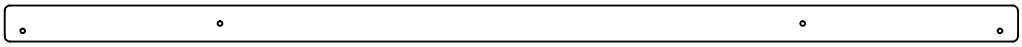
6083 
1 @ 4 x 4 x 88 7/8" LOWER ROPE RUNNER (3-06-0083)

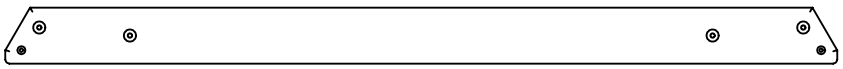
Circus Castle Parts List Continued

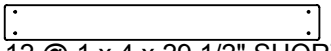
6104 
1 @ 4 x 4 x 81 1/2" UPPER ROPE ARM (3-06-0104)

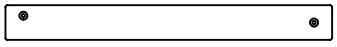
6198 
1 @ 4 x 4 x 86 3/4" ACCESSORY ARM (3-06-0198)

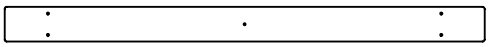
6311 
1 @ 4 x 4 x 95" TOP JOIST W/ SWING HOLES (3-06-0311)

6312 
1 @ 4 x 4 x 95" TOP JOIST (3-06-0312)

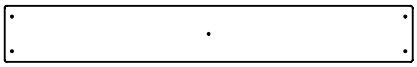
4036 
2 @ 2 x 6 x 78" MAIN BEAM (3-04-0036)

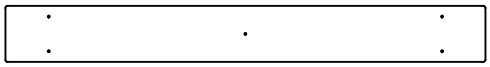
1232 
12 @ 1 x 4 x 29 1/2" SHORT RAIL UPRIGHT (3-01-0232)

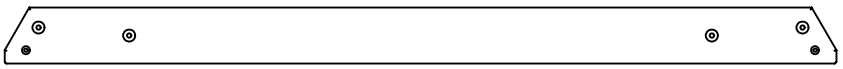
9214 
1 @ 5/4 x 4 x 30 5/8" FRONT FACIA (3-09-0214)

9192 
14 @ 5/4 x 4 x 45" DECK BOARD (3-09-0192)

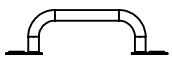
9218 
1 @ 5/4 x 4 x 58" 3 HOLE FACIA (3-09-0218)

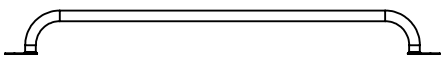
0101 
4 @ 5/4 x 6 x 38 1/4" SHORT DECK BOARD (3-10-0101)

0102 
1 @ 5/4 x 6 x 45" DECK BOARD (3-10-0102)

0100 
2 @ 5/4 x 6 x 78" ANGLED FACIA (3-10-0100)

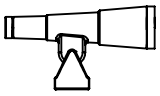
Circus Castle Non-Wood Parts List

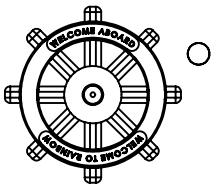
N391 
4 @ SAFETY HANDLE (5-33-0121)

N6 
3 @ LADDER HANDLE (5-33-0103)

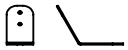
N8
1 @ SMALL 90° BRACKET (5-35-0089)

N83 
1 @ PLAQUE (5-42-0028)

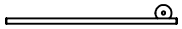
N19 
1 @ TELESCOPE (5-41-0020)

N148 

1 @ MEDIUM SHIPS WHEEL BLUE/GREEN (5-41-0006)/(5-41-0014)

N7 
1 @ 120° LADDER BRACKET (5-35-0088)

N156 
16 @ ROCKS (5-42-0068)/(5-42-0069)

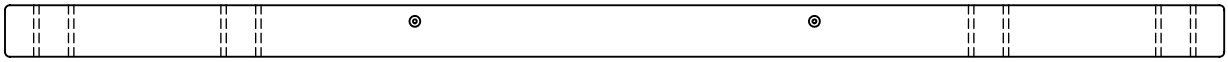
N28 
6 @ GROUND STAKE (5-47-0033)

***NOT SHOWN:**

N290 1 @ 12' ROPE (5-20-0124)

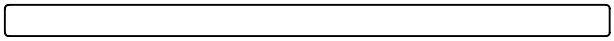
N294 3 @ 14' ROPE (5-20-0279)

Circus Castle Double Swing Arm

7048 

1 @ 4 x 6 x 127" FIESTA CA DOUBLE SWING ARM (3-07-0048)

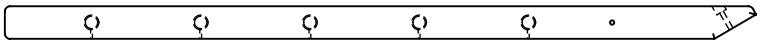
Circus Castle 58" Deck Height Ladders

3253 

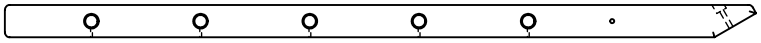
1 @ 2 x 4 x 63" ROCK WALL RUNNER (3-03-0253)

N426

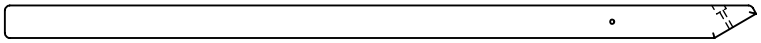
5 @ 41 3/4" 1.25" DIA. PIPE (5-31-0155)

6251 

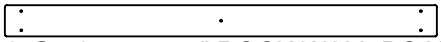
1 @ 4 x 4 x 78 1/4" 58" DH CASTLE RIGHT RUNG LEG (3-06-0251)

6252 

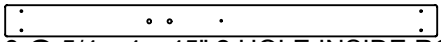
1 @ 4 x 4 x 78 1/4" 58" DH CASTLE LEFT RUNG LEG (3-06-0252)

6250 

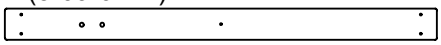
2 @ 4 x 4 x 78 1/4" 58" DH CASTLE ROCK WALL LEG (3-06-0250)

9212 

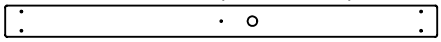
3 @ 5/4 x 4 x 45" ROCK WALL BOARD (3-09-0212)

9216 

8 @ 5/4 x 4 x 45" 2 HOLE INSIDE ROCK WALL BOARD (3-09-0216)

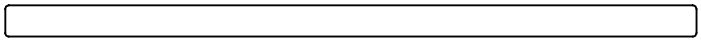
9217 

8 @ 5/4 x 4 x 45" 2 HOLE OUTSIDE ROCK WALL BOARD (3-09-0217)

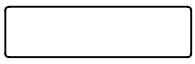
9236 

1 @ 5/4 x 4 x 45" ROCK WALL BOARD W/ ROPE HOLE (3-09-0236)

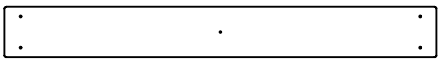
Circus Castle 66" Deck Height Ladders

3322 

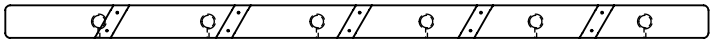
1 @ 2 x 4 x 72" ROCK WALL RUNNER (3-03-0322)

4128 

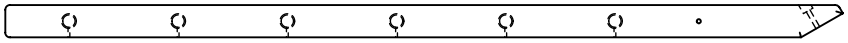
5 @ 2 x 6 x 19 3/8" LADDER STEP (3-04-0128)

0142 

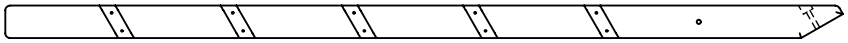
1 @ 5/4 x 6 x 45" ROCK WALL BOARD (3-10-0142)

6333 

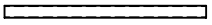
1 @ 4 x 4 x 73 1/4" MIDDLE STEP/RUNG COMBO LEG (3-06-0333)

6334 

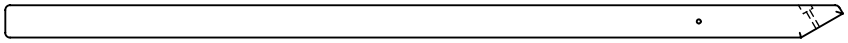
1 @ 4 x 4 x 87 1/4" CASTLE RUNG LADDER LEG (3-06-0334)

6335 

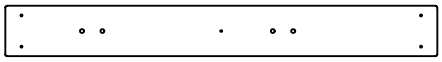
1 @ 4 x 4 x 87 1/4" CASTLE STEP LADDER LEG (3-06-0335)

N411 

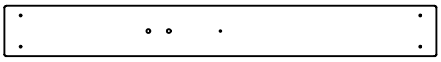
6 @ 21" 1.25" DIA PIPE (5-31-0147)

6336 

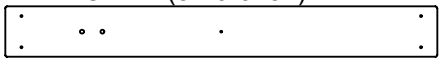
2 @ 4 x 4 x 87 1/4" ROCK WALL LEG (3-06-0336)

0137 

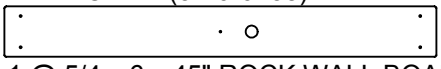
4 @ 5/4 x 6 x 45" 4 HOLE ROCK WALL BOARD (3-10-0137)

0138 

4 @ 5/4 x 6 x 45" 2 HOLE INSIDE ROCK WALL BOARD (3-10-0138)

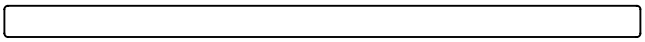
0139 

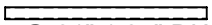
4 @ 5/4 x 6 x 45" 2 HOLE OUTSIDE ROCK WALL BOARD (3-10-0139)

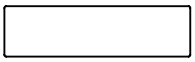
0140 

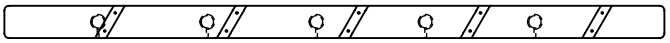
1 @ 5/4 x 6 x 45" ROCK WALL BOARD W/ ROPE HOLE (3-10-0140)

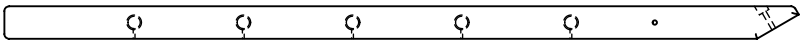
Circus Castle 62" Deck Height Ladders

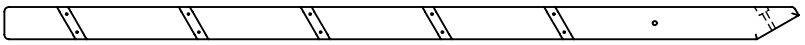
3240 
1 @ 2 x 4 x 66 1/4" ROCK WALL RUNNER (3-03-0240)

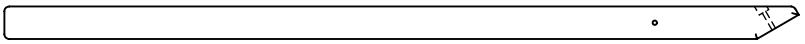
N411 
5 @ 21" 1.25" DIA. PIPE (5-31-0147)

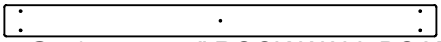
0061 
5 @ 5/4 x 6 x 19 3/8" LADDER STEP (3-10-0061)

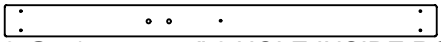
6229 
1 @ 4 x 4 x 68 3/4" 62" DH CA MID STEP/RUNG LEG (3-06-0229)

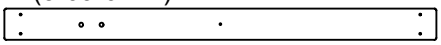
6230 
1 @ 4 x 4 x 82 3/4" 62" DH CA RIGHT STEP/RUNG LEG (3-06-0230)

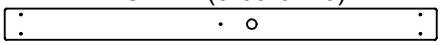
6231 
1 @ 4 x 4 x 82 3/4" 62" DH CA LEFT STEP/RUNG LEG (3-06-0231)

6228 
2 @ 4 x 4 x 82 3/4" 62" DH CASTLE ROCK WALL LEG (3-06-0228)

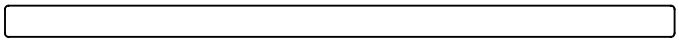
9212 
4 @ 5/4 x 4 x 45" ROCK WALL BOARD (3-09-0212)

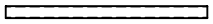
9216 
8 @ 5/4 x 4 x 45" 2 HOLE INSIDE ROCK WALL BOARD (3-09-0216)

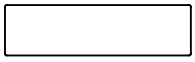
9217 
8 @ 5/4 x 4 x 45" 2 HOLE OUTSIDE ROCK WALL BOARD (3-09-0217)

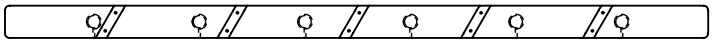
9236 
1 @ 5/4 x 4 x 45" ROCK WALL BOARD W/ ROPE HOLE (3-09-0236)

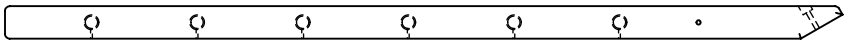
Circus Castle 66" Deck Height Ladders

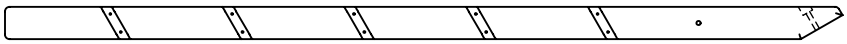
3223 
1 @ 2 x 4 x 69 3/4" ROCK WALL RUNNER (3-03-0223)

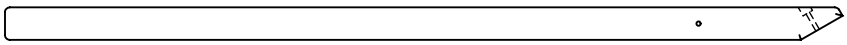
N411 
6 @ 21" 1.25" DIA PIPE (5-31-0147)

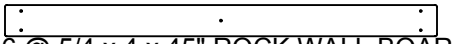
0061 
5 @ 5/4 x 6 x 19 3/8" LADDER STEP (3-10-0061)

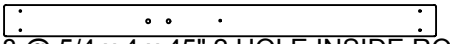
6204 
1 @ 4 x 4 x 73 1/4" 66" DH CA MID STEP/RUNG LEG (3-06-0204)

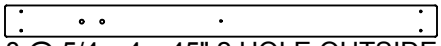
6205 
1 @ 4 x 4 x 87 1/4" 66" DH CA RIGHT STEP/RUNG LEG (3-06-0205)

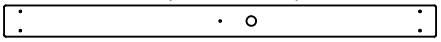
6206 
1 @ 4 x 4 x 87 1/4" 66" DH CA LEFT STEP/RUNG LEG (3-06-0206)

6203 
2 @ 4 x 4 x 87 1/4" 66" DH CASTLE ROCK WALL LEG (3-06-0203)

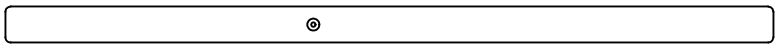
9212 
6 @ 5/4 x 4 x 45" ROCK WALL BOARD (3-09-0212)

9216 
8 @ 5/4 x 4 x 45" 2 HOLE INSIDE ROCK WALL BOARD (3-09-0216)

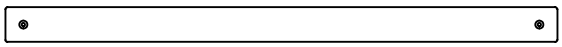
9217 
8 @ 5/4 x 4 x 45" 2 HOLE OUTSIDE ROCK WALL BOARD (3-09-0217)

9236 
1 @ 5/4 x 4 x 45" ROCK WALL BOARD W/ ROPE HOLE (3-09-0236)

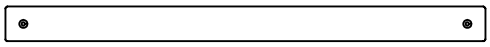
Circus Castle Tarp Option Parts List

6309 

2 @ 4 x 4 x 72" CENTER UPRIGHT (3-06-0309)

9118 

2 @ 5/4 x 4 x 51 3/4" 2 HOLE FACIA (3-09-0118)

9234 

1 @ 5/4 x 4 x 45" TARP BOARD (3-09-0234)

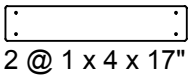
***NOT SHOWN:**

N351 1 @ CARNIVAL CASTLE TARP (5-22-0282)/(5-22-0283)

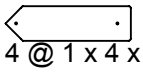
Circus Castle Wood Roof Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	4	5-46-0897
H11	Lock Washer	3/8"	4	5-46-0897
H34	4 Prong T-Nut	3/8"	4	5-46-0897
H131	Hex Head Bolt	3/8" x 4 1/2"	4	5-46-0897
H152	Phillips Wood Screw	#8 x 1 1/2"	32	5-46-0897
H154	Phillips Wood Screw	#8 x 2"	136	5-46-0897
H194	Phillips Wood Screw	#8 x 1 1/4"	24	5-46-0897

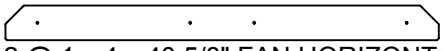
Circus Castle Wood Roof Parts List

1228 

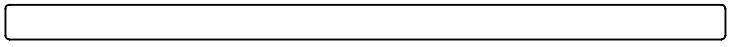
2 @ 1 x 4 x 17" FAN VERTICAL (3-01-0228)

1229 

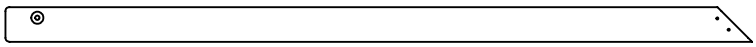
4 @ 1 x 4 x 11 3/4" FAN RAY (3-01-0229)

1231 

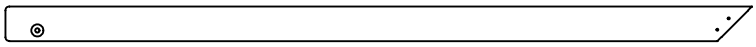
2 @ 1 x 4 x 40 5/8" FAN HORIZONTAL (3-01-0231)

3173 

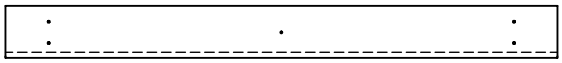
2 @ 2 x 4 x 67 1/2" ROOF RUNNER (3-03-0173)

3309 

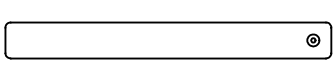
2 @ 2 x 4 x 70" LEFT ROOF SUPPORT (3-03-0309)

3310 

2 @ 2 x 4 x 70" RIGHT ROOF SUPPORT (3-03-0310)

4146 

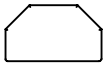
32 @ 2 x 6 x 51 3/4" ROOF BOARD (3-04-0146)

6315 

2 @ 4 x 4 x 30 9/16" SHORT CENTER POST (3-06-0315)

0080 

2 @ 5/4 x 6 x 9 1/2" PEAK FACIA (3-10-0080)

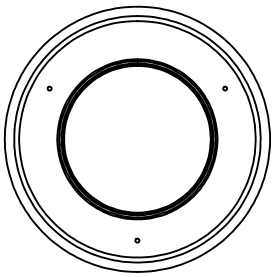
0081 

2 @ 5/4 x 6 x 9" FAN CENTER (3-10-0081)

Circus Castle 3 Chain Tire Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
N357	Tire Swing Eyebolt		3	5-46-0917
N316	Tire Swing Washer		3	5-46-0917
N30	Wide Jaw C-Link		3	5-46-0917
H24	Nylock nut	3/8"	3	5-46-0917

N16



1 @ 3 CHAIN TIRE
(5-40-0047)

N323

3 @ 34" PC CHAIN
(5-37-0042)

N25

1 @ TIRE SWIVEL
(5-45-0008)

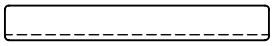
N27

3 @ 5/16" SPRING CLIP
(5-47-0023)

24" Opening Chalkboard Hardware List

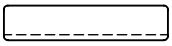
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H155	Phillips Wood Screw	#8 x 2 1/2"	4	5-46-0830
H152	Phillips Wood Screw	#8 x 1 1/2"	14	5-46-0830

3160



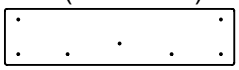
2 @ 2 x 4 x 24 3/4" CHALKBOARD SIDE
(1-03-1160)

3161



2 @ 2 x 4 x 15 3/8" CHALKBOARD TOP/BOTTOM
(1-03-1161)

2174



2 @ 1 x 6 x 21 1/2" CHALKBOARD RUNNER
(1-02-0174)

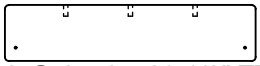
*NOT SHOWN

N181 1 @ RAINBOW CHALKBOARD
(5-41-0019)

24" Opening Tic Tac Toe Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H154	Phillips Wood Screw	#8 x 2"	4	5-46-0829

4055



2 @ 2 x 6 x 23 1/2" TTT TOP/BOTTOM BOARD (1-04-1055)

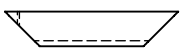
*NOT SHOWN

N172 N173 N174 1 @ TTT - NO MOUNTING PANEL
(5-41-0048)

24" Opening Bubble Window Hardware List

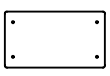
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H154	Phillips Wood Screw	#8 x 2"	4	5-46-0888
H153	Phillips Wood Screw	#8 x 1 3/4"	12	5-46-0888
H152	Phillips Wood Screw	#8 x 1 1/2"	8	5-46-0888

3214



4 @ 2 x 4 x 16 1/4" BUBBLE WINDOW FRAME
(1-03-1214)

0171



4 @ 5/4 x 6 x 9 3/8" BUBBLE WINDOW UPRIGHT
(1-10-0171)

*NOT SHOWN

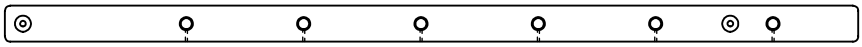
N168 1 @ SMALL BUBBLE WINDOW
(5-42-0062)

Circus 4x4 Monkey Bar Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	15	5-46-0930
H4	Flat Washer	1/2"	4	5-46-0930
H5	Flat Washer	3/4"	2	5-46-0930
H11	Lock Washer	3/8"	2	5-46-0930
H12	Lock Washer	1/2"	2	5-46-0930
H13	Fender Washer	3/8" x 1 1/4"	4	5-46-0930
H17	Standard Nut	3/8"	2	5-46-0930
H18	Standard Nut	1/2"	2	5-46-0930
H28	Acorn Nut	3/8"	2	5-46-0930
H29	Acorn Nut	1/2"	2	5-46-0930
H56	Carriage Bolt	3/8" x 6 1/2"	2	5-46-0930
H71	Carriage Bolt	1/2" x 6 3/4"	2	5-46-0930
H104	Lag Bolt	5/16" x 2"	4	5-46-0930
H116	Lag Bolt	3/8" x 3 1/2"	8	5-46-0930
H119	Lag Bolt	3/8" x 5"	4	5-46-0930
H139	Hex Head Bolt	3/8" x 9"	1	5-46-0930
H216	Phillips Pan Head Self Drilling Screw	#8 x 1 1/2"	22	5-46-0930

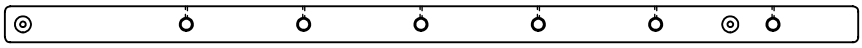
Circus 4x4 Monkey Bar Parts List

6316



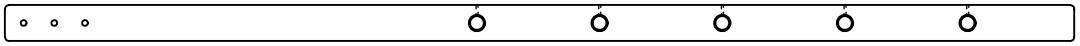
1 @ 4 x 4 x 80" LEFT MONKEY BAR ARM (3-06-0316)

6317



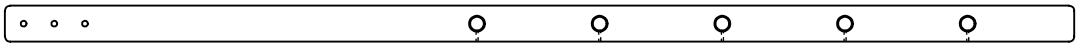
1 @ 4 x 4 x 80" RIGHT MONKEY BAR ARM (3-06-0317)

6318



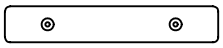
1 @ 4 x 4 x 100 1/4" LEFT MB SUPPORT LEG (3-06-0318)

6319



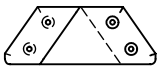
1 @ 4 x 4 x 100 1/4" RIGHT MB SUPPORT LEG (3-06-0319)

6342



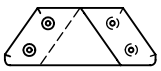
2 @ 4 x 4 x 20" MONKEY BAR SUPPORT BLOCK (3-06-0342)

7024



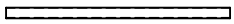
1 @ 4 x 6 x 14 1/8" RIGHT MONKEY BAR BRACKET (3-07-0024)

7025



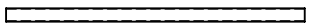
1 @ 4 x 6 x 14 1/8" LEFT MONKEY BAR BRACKET (3-07-0025)

N3



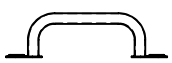
6 @ 21" 1.25" DIA. PIPE (5-31-0073)

N405



5 @ 28" 1.25" DIA. PIPE (5-31-0148)

N391



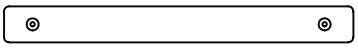
2 @ SAFETY HANDLE (5-33-0121)

Circus 4x6 Monkey Bar Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	19	5-46-0953
H4	Flat Washer	1/2"	4	5-46-0953
H11	Lock Washer	3/8"	4	5-46-0953
H17	Standard Nut	3/8"	4	5-46-0953
H28	Acorn Nut	3/8"	4	5-46-0953
H56	Carriage Bolt	3/8" x 6 1/2"	4	5-46-0953
H104	Lag Bolt	5/16" x 2"	4	5-46-0953
H116	Lag Bolt	3/8" x 3 1/2"	8	5-46-0953
H119	Lag Bolt	3/8" x 5"	6	5-46-0953
H139	Hex Head Bolt	3/8" x 9"	1	5-46-0953
H216	Phillips Pan Head Self Drilling Screw	#8 x 1 1/2"	24	5-46-0953

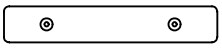
Circus 4x6 Monkey Bar Parts List

6147



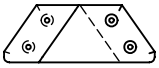
1 @ 4 x 4 x 32 3/4" MONKEY BAR GROUND RUNNER (3-06-0147)

6342



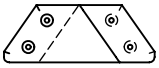
2 @ 4 x 4 x 20.00 MONKEY BAR SUPPORT BLOCK (3-06-0342)

7024



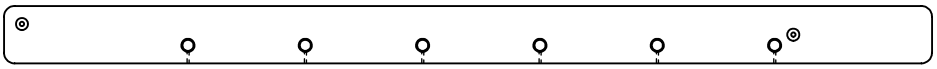
1 @ 4 x 6 x 14.1250 RIGHT MONKEY BAR BRACKET (3-07-0024)

7025



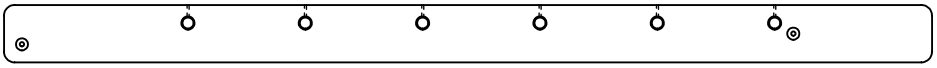
1 @ 4 x 6 x 14.1250 LEFT MONKEY BAR BRACKET (3-07-0025)

7051



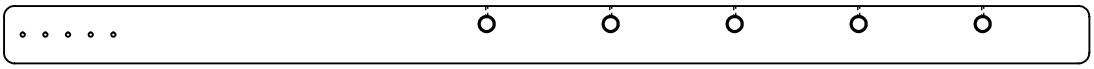
1 @ 4 x 6 x 87" LEFT MONKEY BAR ARM (3-07-0051)

7052



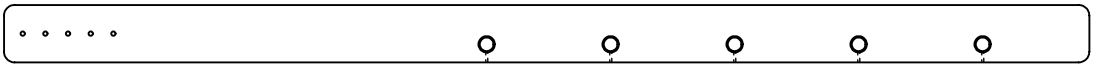
1 @ 4 x 6 x 87" RIGHT MONKEY BAR ARM (3-07-0052)

7064



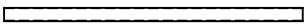
1 @ 4 x 6 x 101 3/4" LEFT MB RUNG SUPPORT LEG (3-07-0064)

7065



1 @ 4 x 6 x 101 3/4" RIGHT MB RUNG SUPPORT LEG (3-07-0065)

N405

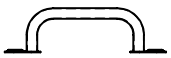


5 @ 28" 1.25" DIA. PIPE (5-31-0148)

N3

6 @ 21" 1.25" DIA. PIPE (5-31-0073)

N391



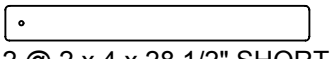
2 @ LADDER HANDLE (5-33-0121)

24" Opening Penthouse Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	56	5-46-0906
H3	Flat Washer	3/8"	20	5-46-0906
H9	Lock Washer	1/4"	3	5-46-0906
H32	4 Prong T-Nut	1/4"	3	5-46-0906
H97	Lag Bolt	1/4" x 3"	54	5-46-0906
H104	Lag Bolt	5/16" x 2"	4	5-46-0906
H116	Lag Bolt	3/8" x 3 1/2"	2	5-46-0906
H119	Lag Bolt	3/8" x 5"	14	5-46-0906
H121	Lag Bolt	3/8" x 7"	4	5-46-0906
H146	Hex Head Bolt	1/4" x 2 1/2"	2	5-46-0906
H215	Hex Head Bolt	1/4" x 1"	1	5-46-0906
H154	Phillips Wood Screw	#8 x 2"	80	5-46-0906
H164	Phillips Pan Head Tap Screw	#14 x 1"	18	5-46-0906

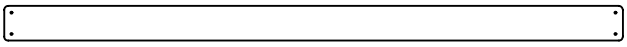
24" Opening Penthouse Parts List

3175



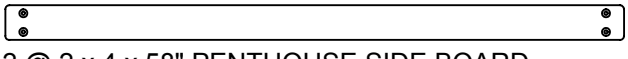
2 @ 2 x 4 x 28 1/2" SHORT PENTHOUSE CENTER POST (3-03-0175)

3180



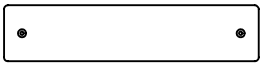
1 @ 2 x 4 x 58" TARP BOARD (3-03-0180)

3181



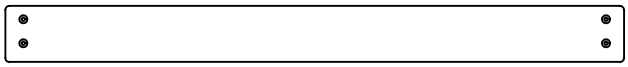
2 @ 2 x 4 x 58" PENTHOUSE SIDE BOARD (3-03-0181)

4066



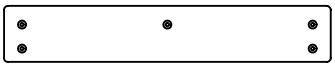
1 @ 2 x 6 x 23 7/8" MONKEY BAR ENTRAPMENT BOARD (3-04-0066)

4069



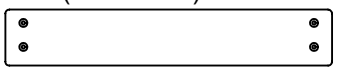
8 @ 2 x 6 x 58" PENTHOUSE SIDE BOARD (3-04-0069)

4147



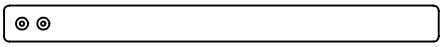
2 @ 2 x 6 x 30 5/8" TARP FACIA (3-04-0147)

4150



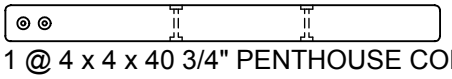
1 @ 2 x 6 x 30 5/8" PENTHOUSE END FACIA (3-04-0150)

6320



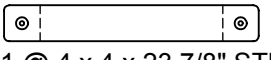
3 @ 4 x 4 x 40 3/4" PENTHOUSE CORNER POST (3-06-0320)

6321



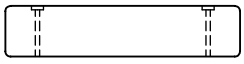
1 @ 4 x 4 x 40 3/4" PENTHOUSE CORNER POST (3-06-0321)

6344



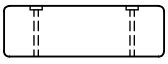
1 @ 4 x 4 x 23 7/8" STEP BLOCK (3-06-0344)

7055



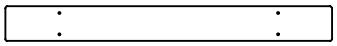
1 @ 4 x 6 x 22" FILLER BLOCK (3-07-0055)

7056



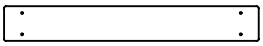
1 @ 4 x 6 x 15" FILLER BLOCK (3-07-0056)

9243



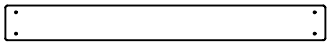
1 @ 5/4 x 4 x 30 5/8" DECK BOARD (3-09-0243)

9244



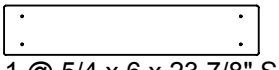
3 @ 5/4 x 4 x 23 7/8" SHORT DECK BOARD (3-09-0244)

9245



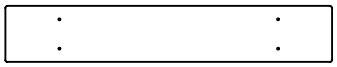
4 @ 5/4 x 4 x 30" PENTHOUSE RAIL UPRIGHT (3-09-0245)

0146



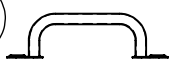
1 @ 5/4 x 6 x 23 7/8" SHORT DECK BOARD (3-10-0146)

0147



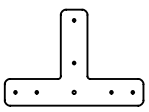
9 @ 5/4 x 6 x 30 5/8" DECK BOARD (3-10-0147)

N391



2 @ SAFETY HANDLE (5-33-0121)

N33



2 @ T-BRACKET (5-35-0087)

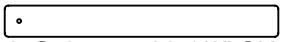
*NOT SHOWN:

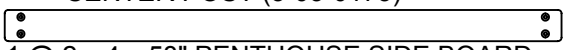
N376 1 @ CARNIVAL PENTHOUSE TARP (5-22-0278)/(5-22-0279)

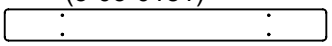
24" Opening Penthouse w/ Spiral Opening Hardware List

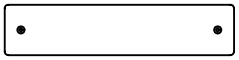
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	56	5-46-0906
H3	Flat Washer	3/8"	20	5-46-0906
H9	Lock Washer	1/4"	3	5-46-0906
H32	4 Prong T-Nut	1/4"	3	5-46-0906
H97	Lag Bolt	1/4" x 3"	54	5-46-0906
H104	Lag Bolt	5/16" x 2"	4	5-46-0906
H116	Lag Bolt	3/8" x 3 1/2"	2	5-46-0906
H119	Lag Bolt	3/8" x 5"	14	5-46-0906
H121	Lag Bolt	3/8" x 7"	4	5-46-0906
H146	Hex Head Bolt	1/4" x 2 1/2"	2	5-46-0906
H215	Hex Head Bolt	1/4" x 1"	1	5-46-0906
H154	Phillips Wood Screw	#8 x 2"	80	5-46-0906
H164	Phillips Pan Head Tap Screw	#14 x 1"	18	5-46-0906

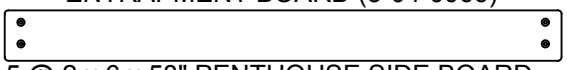
24" Opening Penthouse w/ Spiral Opening Parts List

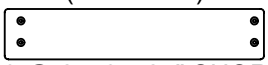
3175 
2 @ 2 x 4 x 28 1/2" SHORT PENTHOUSE CENTER POST (3-03-0175)

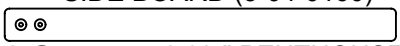
3181 
1 @ 2 x 4 x 58" PENTHOUSE SIDE BOARD (3-03-0181)

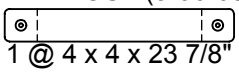
3328 
2 @ 2 x 4 x 33 1/2" MID RANGE SPIRAL FILLER BOARD (3-03-0328)

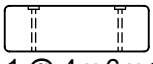
4066 
1 @ 2 x 6 x 23 7/8" MONKEY BAR ENTRAPMENT BOARD (3-04-0066)

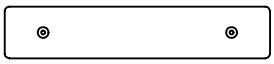
4069 
5 @ 2 x 6 x 58" PENTHOUSE SIDE BOARD (3-04-0069)

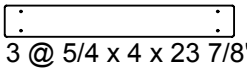
4160 
3 @ 2 x 6 x 27" SHORT PENTHOUSE SIDE BOARD (3-04-0160)

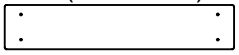
6320 
3 @ 4 x 4 x 40 3/4" PENTHOUSE CORNER POST (3-06-0320)

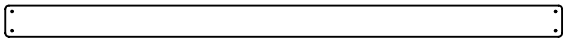
6344 
1 @ 4 x 4 x 23 7/8" STEP BLOCK (3-06-0344)

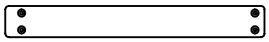
7056 
1 @ 4 x 6 x 15" FILLER BLOCK (3-07-0056)

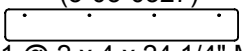
7060 
1 @ 4 x 6 x 27 5/8" MID RANGE SPIRAL FILLER BLOCK (3-07-0060)

9244 
3 @ 5/4 x 4 x 23 7/8" SHORT DECK BOARD (3-09-0244)

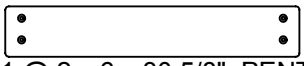
0146 
1 @ 5/4 x 6 x 23 7/8" SHORT DECK BOARD (3-10-0146)

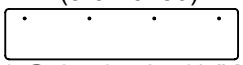
3180 
1 @ 2 x 4 x 58" TARP BOARD (3-03-0180)

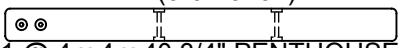
3327 
1 @ 2 x 4 x 27" SHORT PENTHOUSE SIDE BOARD (3-03-0327)

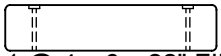
3329 
1 @ 2 x 4 x 24 1/4" MID RANGE SPIRAL FILLER (3-03-0329)

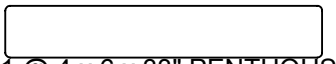
4147 
2 @ 2 x 6 x 30 5/8" TARP FACIA (3-04-0147)

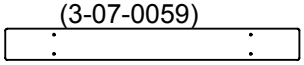
4150 
1 @ 2 x 6 x 30 5/8" PENTHOUSE END FACIA (3-04-0150)

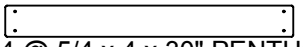
4161 
1 @ 2 x 6 x 24 1/4" MID RANGE SPIRAL FILLER (3-04-0161)

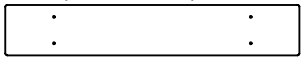
6321 
1 @ 4 x 4 x 40 3/4" PENTHOUSE CORNER POST (3-06-0321)

7055 
1 @ 4 x 6 x 22" FILLER BLOCK (3-07-0055)

7059 
1 @ 4 x 6 x 33" PENTHOUSE SPIRAL UPRIGHT (3-07-0059)

9243 
1 @ 5/4 x 4 x 30 5/8" DECK BOARD (3-09-0243)

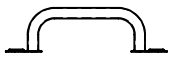
9245 
4 @ 5/4 x 4 x 30" PENTHOUSE RAIL UPRIGHT (3-09-0245)

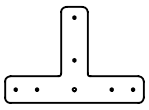
0147 
9 @ 5/4 x 6 x 30 5/8" DECK BOARD (3-10-0147)

24" Opening PENT w/ Spiral Opening Parts List Continued

***NOT SHOWN:**

N377 1 @ CARNIVAL PENTHOUSE SPIRAL TARP (5-22-0280)/(5-22-0281)

N391 
2 @ SAFETY HANDLE (5-33-0121)

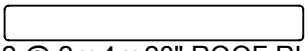
N33 
2 @ T- BRACKET (5-35-0087)

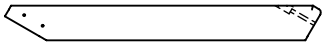
N8 
3 @ SMALL 90° BRACKET (5-35-0089)

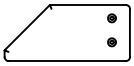
24" Opening Penthouse Wood Roof Hardware List

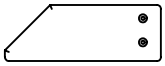
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	8	5-46-0908
H97	Lag Bolt	1/4" x 3"	4	5-46-0908
H100	Lag Bolt	1/4" x 4 1/2"	4	5-46-0908
H154	Phillips Wood Screw	#8 x 2"	78	5-46-0908
H215	Hex Head Bolt	1/4" x 1"	2	5-46-0908

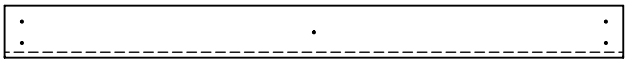
24" Opening Penthouse Wood Roof Parts List

3182 
2 @ 2 x 4 x 28" ROOF RUNNER (3-03-0182)

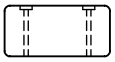
3183 
4 @ 2 x 4 x 29 3/4" PENTHOUSE WOOD ROOF SUPPORT (3-03-0183)

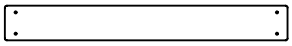
4164 
1 @ 2 x 6 x 11 3/4" PENTHOUSE WOOD ROOF FILLER (3-04-0164)

4070 
1 @ 2 x 6 x 14 5/8" PENTHOUSE WR FILLER (3-04-0070)

4162 
12 @ 2 x 6 x 58" ROOF BOARD (3-04-0162)

4163 
2 @ 2 x 6 x 58" PENTHOUSE FILLER ROOF BOARD (3-04-0163)

7061 
1 @ 4 x 6 x 9 7/8" SHORT FILLER BLOCK (3-07-0061)

9183 
1 @ 5/4 x 4 x 26 1/2" ENTRAPMENT BOARD (3-09-0183)

0087 
2 @ 5/4 x 6 x 8 3/8" PEAK FACIA (3-10-0087)

10' Wave Slide Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H164	Phillips Pan Head Tap Screw	#14 x 1"	4	5-46-0928
H7	SAE Flat Washer	1/4"	4	5-46-0928

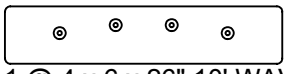
N24

***NOT SHOWN:**
1 @ 10' WAVE SLIDE
(5-44-0139)/(5-44-0140)

10' Wave Slide Block Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H119	Lag Bolt	3/8" x 5"	4	5-46-0239
H3	Flat Washer	3/8"	4	5-46-0239

7678



1 @ 4 x 6 x 26" 10' WAVE SLIDE BLOCK (1-07-0678)

10.5' Wave Slide Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H166	Phillips Pan Head Tap Screw	#14 x 1 1/2"	4	5-46-0920
H7	SAE Flat Washer	1/4"	4	5-46-0920

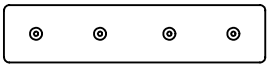
N404

***NOT SHOWN:**
1 @ 10.5' WAVE SLIDE
(5-44-0281)/(5-44-0282)

10.5' Wave Slide Block Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H116	Lag Bolt	3/8" x 5"	4	5-46-0928
H3	Flat Washer	3/8"	4	5-46-0928

7867



1 @ 4 x 6 x 24 1/2" 10.5' WAVE SLIDE BLOCK (1-07-0867)

Grab N Go Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H104	Lag Bolt	5/16" x 2"	4	5-46-0695
N407	Grab N Go Bar		1	5-24-0369

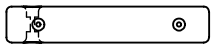
10' Scoop Slide Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	22	5-46-0784
H4	Flat Washer	1/2"	8	5-46-0784
H11	Lock Washer	3/8"	14	5-46-0784
H17	Standard Nut	3/8"	6	5-46-0784
H21	Jam Nut	3/8"	8	5-46-0784
H28	Acorn Nut	3/8"	14	5-46-0784
H50	Carriage Bolt	3/8" x 3 1/2"	4	5-46-0784
H53	Carriage Bolt	3/8" x 5"	2	5-46-0784
H116	Lag Bolt	3/8" x 3 1/2"	4	5-46-0784
H119	Lag Bolt	3/8" x 5"	4	5-46-0239
H121	Lag Bolt	3/8" x 7"	4	5-46-0784
H146	Carriage Bolt	3/8" x 1 3/4"	8	5-46-0784

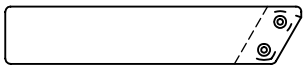
10' Scoop Slide Parts List Continued

3956 

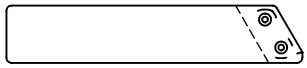
2 @ 2 x 4 x 98 3/4" 10' SLIDE RAIL (1-03-0956)

6952 

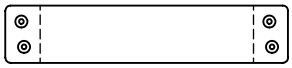
2 @ 4 x 4 x 19" SLIDE BLOCK (1-06-0952)

7006 

1 @ 4 x 6 x 27 3/4" LEFT SLIDE LEG (1-07-0006)

7007 

1 @ 4 x 6 x 27 3/4" RIGHT SLIDE LEG (1-07-0007)

7091 

1 @ 4 x 6 x 26 1/2" SLIDE BRACE (1-07-0091)

N43 ***NOT SHOWN:**
1 @ 10' SCOOP SLIDE
(5-44-0263)/(5-44-0264)

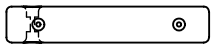
11' Scoop Slide Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	24	5-46-0785
H4	Flat Washer	1/2"	6	5-46-0785
H11	Lock Washer	3/8"	16	5-46-0785
H17	Standard Nut	3/8"	6	5-46-0785
H21	Jam Nut	3/8"	10	5-46-0785
H28	Acorn Nut	3/8"	16	5-46-0785
H46	Carriage Bolt	3/8" x 1 3/4"	8	5-46-0785
H47	Carriage Bolt	3/8" x 2"	2	5-46-0785
H50	Carriage Bolt	3/8" x 3 1/2"	4	5-46-0785
H53	Carriage Bolt	3/8" x 5"	2	5-46-0785
H116	Lag Bolt	3/8" x 3 1/2"	4	5-46-0785
H119	Lag Bolt	3/8" x 5"	4	5-46-0239
H121	Lag Bolt	3/8" x 7"	4	5-46-0785
H174	Phillips Truss Head Screw	#12 x 1 1/2"	2	5-46-0785

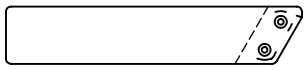
11' Scoop Slide Parts List

3984 

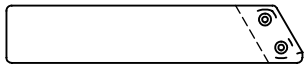
2 @ 2 x 4 x 116" 11' SLIDE RAIL (1-03-0984)

6952 

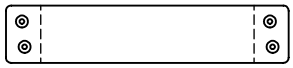
2 @ 4 x 4 x 19" SLIDE BLOCK (1-06-0952)

7006 

1 @ 4 x 6 x 27 3/4" LEFT SLIDE LEG (1-07-0006)

7007 

1 @ 4 x 6 x 27 3/4" RIGHT SLIDE LEG (1-07-0007)

7091 

1 @ 4 x 6 x 26 1/2" SLIDE BRACE (1-07-0091)

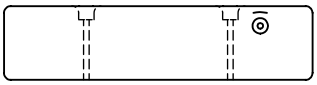
N87 ***NOT SHOWN:**
1 @ 11' SCOOP SLIDE
(5-44-0265)/(5-44-0266)

10.5' Scoop Slide Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	14/2	5-46-0921/5-46-0943
H4	Flat Washer	1/2"	2	5-46-0921
H11	Lock Washer	3/8"	2/2	5-46-0921/5-46-0943
H17	Standard Nut	3/8"	2	5-46-0921
H28	Acorn Nut	3/8"	2	5-46-0921
H34	4 Prong T-Nut	3/8"	2	5-46-0943
H116	Lag Bolt	3/8" x 3 1/2"	4	5-46-0921
H119	Lag Bolt	3/8" x 5"	8	5-46-0921
H121	Lag Bolt	3/8" x 7"	4	5-46-0943
H53	Carriage Bolt	3/8" x 5"	2	5-46-0943
H54	Carriage Bolt	3/8" x 5 1/2"	2	5-46-0921
H129	Hex Head Bolt	3/8" x 5"	2	5-46-0943
N403	10.5' Scoop Slide	10.5'	1	Loose

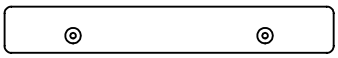
10.5' Scoop Slide Parts List

7036



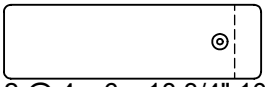
2 @ 4 x 6 x 22 1/2" SLIDE BLOCK (3-07-0036)

6196



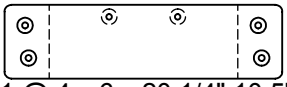
1 @ 4 x 4 x 24" FILLER BLOCK (3-06-0196)

7870



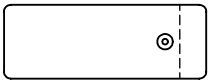
2 @ 4 x 6 x 18 3/4" 10.5' SCOOP SLIDE LEG (1-07-0870)

7864



1 @ 4 x 6 x 20 1/4" 10.5' SCOOP SLIDE BRACE (1-07-0864)

7865



2 @ 4 x 6 x 14 3/4" 10.5' SCOOP SLIDE LEG (1-07-0865)

24" Dia. Spiral Slide Parts List

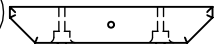
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	15	5-46-0462
H3	Flat Washer	3/8"	42	5-46-0462
H11	Lock Washer	3/8"	42	5-46-0462
H17	Standard Nut	3/8"	36	5-46-0462
H28	Acorn Nut	3/8"	36	5-46-0462
H44	Carriage Bolt	3/8" x 1 1/4"	36	5-46-0462
H108	Lag Bolt	5/16" x 3"	15	5-46-0462
H123	Hex Head Bolt	3/8" x 1 1/4"	6	5-46-0462
H154	Phillips Wood Screw	#8 x 2"	24	5-46-0462
H164	Phillips Pan Head Tap Screw	#14 x 1"	8	5-46-0462
N378	24" Dia. Long Entrance Panel		1	loose
N194	24" Dia. 90° Elbow		2	loose
N379	24" Dia. 90° Right Elbow		1	loose
N195	24" Dia. 90° Left Elbow		1	loose
N196	24" Dia. Spiral Landing		1	loose

58"/62" Deck Height PC A-Frame Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	5	5-46-0563
H4	Flat Washer	1/2"	12	5-46-0563
H5	Flat Washer	3/4"	10	5-46-0563
H12	Lock Washer	1/2"	11	5-46-0563
H18	Standard Nut	1/2"	11	5-46-0563
H29	Acorn Nut	1/2"	11	5-46-0563
H65	Carriage Bolt	1/2" x 3 1/2"	2	5-46-0563
H72	Carriage Bolt	1/2" x 7"	7	5-46-0563
H76	Carriage Bolt	1/2" x 9"	1	5-46-0563
H116	Lag Bolt	3/8" x 3 1/2"	2	5-46-0563
H119	Lag Bolt	3/8" x 5"	3	5-46-0563
H151	Hex Bolt	1/2" x 12"	1	5-46-0563
N401	45 Degree Bracket (5-35-0102)		2	5-21-1021
N402	90 Degree Bracket (5-35-0103)		2	5-21-1021
N400	Swing Beam Plate (5-35-0101)		1	5-21-1021
N29	Bolt Cup	3/8"	2	5-21-1021

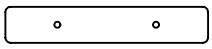
58"/62" Deck Height PC A-Frame Parts List

6007



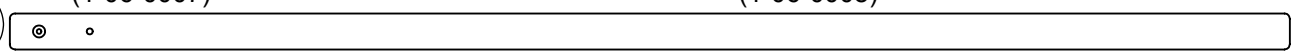
1 @ 4 x 4 x 19" LOWER A-FRAME BRACKET (1-06-0007)

6008



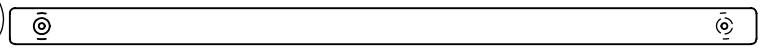
1 @ 4 x 4 x 19" UPPER A-FRAME BRACKET (1-06-0008)

6010



2 @ 4 x 4 x 120" A-FRAME LEG (1-06-0010)

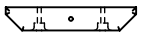
6021



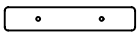
1 @ 4 x 4 x 70" A-FRAME CROSS MEMBER (1-06-0021)

66" Deck Height PC A-Frame Hardware List

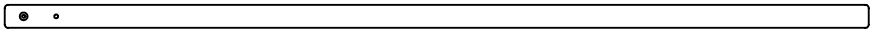
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	5	5-46-0563
H4	Flat Washer	1/2"	12	5-46-0563
H5	Flat Washer	3/4"	10	5-46-0563
H12	Lock Washer	1/2"	11	5-46-0563
H18	Standard Nut	1/2"	11	5-46-0563
H29	Acorn Nut	1/2"	11	5-46-0563
H65	Carriage Bolt	1/2" x 3 1/2"	2	5-46-0563
H72	Carriage Bolt	1/2" x 7"	7	5-46-0563
H76	Carriage Bolt	1/2" x 9"	1	5-46-0563
H116	Lag Bolt	3/8" x 3 1/2"	2	5-46-0563
H119	Lag Bolt	3/8" x 5"	3	5-46-0563
H151	Hex Bolt	1/2" x 12"	1	5-46-0563
N401	45 Degree Bracket (5-35-0102)		2	5-21-1021
N402	90 Degree Bracket (5-35-0103)		2	5-21-1021
N400	Swing Beam Plate (5-35-0101)		1	5-21-1021
N29	Bolt Cup	3/8"	2	5-21-1021

6007 

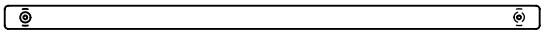
1 @ 4 x 4 x 19" LOWER A-FRAME BRACKET (1-06-0007)

6008 

1 @ 4 x 4 x 19" UPPER A-FRAME BRACKET (1-06-0008)

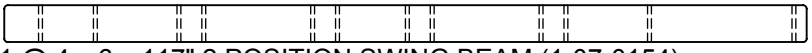
6052 

2 @ 4 x 4 x 126" A-FRAME LEG (1-06-1052)

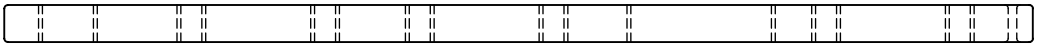
6053 

1 @ 4 x 4 x 78" A-FRAME CROSS MEMBER (1-06-1053)

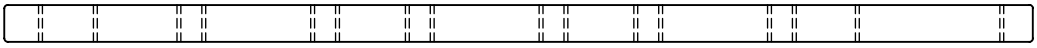
Swing Beam Parts List

7154 

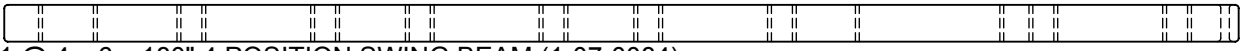
1 @ 4 x 6 x 117" 2 POSITION SWING BEAM (1-07-0154)

7085 

1 @ 4 x 6 x 150" 3 POSITION SWING BEAM (1-07-0085)

7821 

1 @ 4 x 6 x 150" 3 POSITION INSIDE SWING BEAM (1-07-0821)

7084 

1 @ 4 x 6 x 180" 4 POSITION SWING BEAM (1-07-0084)

Swing Hangers Parts List (4x4) (Per Swing)

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	4	5-46-0411
H11	Lock Washer	3/8"	4	5-46-0411
H17	Standard Nut	3/8"	4	5-46-0411
H24	Nylock Nut	3/8"	4	5-46-0411
H28	Acorn Nut	3/8"	4	5-46-0411
H131	Hex Bolt	3/8" x 4 1/2"	4	5-46-0411
N26	Swing Hanger		2	5-27-0005
N29	Bolt Cup	3/8"	4	5-27-0005
N90	Spring Clip		2	5-27-0005

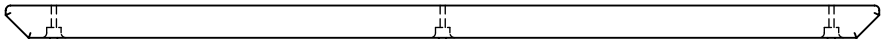
Swing Hangers Parts List (4x6) (Per Swing)

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	4	5-46-0410
H11	Lock Washer	3/8"	4	5-46-0410
H17	Standard Nut	3/8"	4	5-46-0410
H24	Nylock Nut	3/8"	4	5-46-0410
H28	Acorn Nut	3/8"	4	5-46-0410
H135	Hex Bolt	3/8" x 6 1/2"	4	5-46-0410
N26	Swing Hanger		2	5-27-0006
N29	Bolt Cup	3/8"	4	5-27-0006
N90	Spring Clip		2	5-27-0006

58"/62" DH A-Frame Bench Hardware List

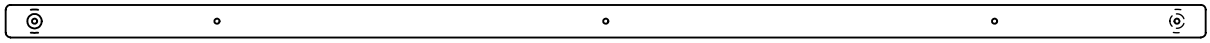
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H4	Flat Washer	1/2"	3	5-46-0876
H5	Flat Washer	3/4"	21	5-46-0876
H12	Lock Washer	1/2"	3	5-46-0876
H18	Standard Nut	1/2"	3	5-46-0876
H29	Acorn Nut	1/2"	3	5-46-0876
H80	Carriage Bolt	1/2" x 11"	3	5-46-0876

6021



2 @ 4 x 4 x 91" A-FRAME BENCH SEAT (1-06-1021)

6022

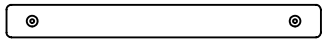


1 @ 4 x 4 x 125" A-FRAME BENCH CROSS MEMBER (1-06-1022)

Monkey Bar-Step Support Parts List

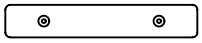
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Standard Nut	3/8"	4	5-46-0931
H7	Acorn Nut	3/8"	4	5-46-0931
H13	Fender Washer	3/8" x 1 1/4"	4	5-46-0931
H74	Carriage Bolt	3/8" x 6 1/2"	4	5-46-0931
H104	Lag Bolt	5/16" x 2"	4	5-46-0931
H116	Lag Bolt	3/8" x 3 1/2"	8	5-46-0931
H119	Lag Bolt	3/8" x 5"	6	5-46-0931
H124	Hex Head Bolt	3/8" x 9"	1	5-46-0931
H155	Lock Washer	3/8"	4	5-46-0931
H164	Flat Washer	3/8"	19	5-46-0931
H166	Flat Washer	1/2"	4	5-46-0931
H188	Phillips Wood Screw	#8 x 3 1/2"	20	5-46-0931
H216	Phillips Pan Head Self Drilling Screw	#8 x 1 1/2"	12	5-46-0931

6147



1 @ 4 x 4 x 32 3/4" MONKEY BAR GROUND RUNNER (3-06-0147)

6342

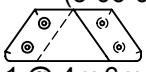


2 @ 4 x 4 x 20" MONKEY BAR SUPPORT BLOCK (3-06-0342)

7024

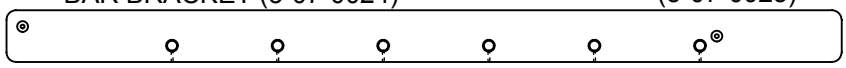
1 @ 4 x 6 x 14 1/8" RIGHT MONKEY BAR BRACKET (3-07-0024)

7025



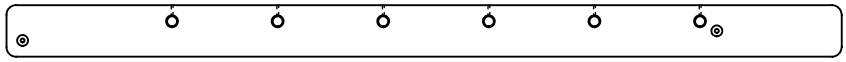
1 @ 4 x 6 x 14 1/8" LEFT MONKEY BAR BRACKET (3-07-0025)

7051



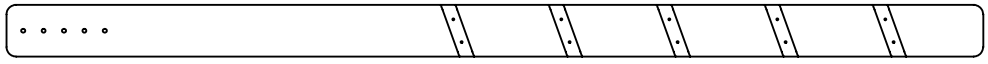
1 @ 4 x 6 x 87" LEFT MONKEY BAR ARM (3-07-0051)

7052



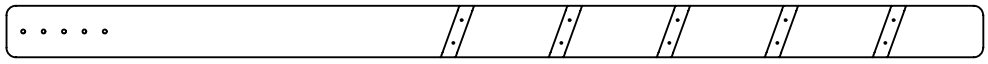
1 @ 4 x 6 x 87" RIGHT MONKEY BAR ARM (3-07-0052)

7053



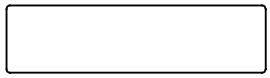
1 @ 4 x 6 x 101 3/4" LEFT MB SUPPORT LEG (3-07-0053)

7054



1 @ 4 x 6 x 101 3/4" RIGHT MB SUPPORT LEG (3-07-0054)

4007

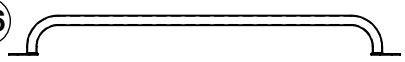


5 @ 2 x 8 x 27" LADDER STEP (3-14-0007)

N3

6 @ 21" PIPE (5-31-0073)

N6



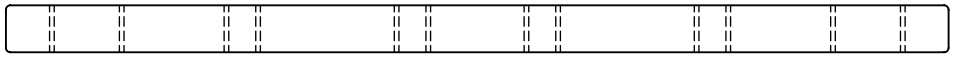
2 @ LADDER HANDLE (5-33-0103)

2 & 3 Position Dual Attach Swing Beam Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H4	Flat Washer	1/2"	8	5-46-0786
H5	Flat Washer	3/4"	8	5-46-0786
H12	Lock Washer	1/2"	8	5-46-0786
H18	Standard Nut	1/2"	8	5-46-0786
H29	Acorn Nut	1/2"	8	5-46-0786
H65	Carriage Bolt	1/2" x 3 1/2"	4	5-46-0786
H72	Carriage Bolt	1/2" x 7"	2	5-46-0786
H76	Carriage Bolt	1/2" x 9"	2	5-46-0786
N56	Swing Beam Plate (5-35-0000)		1	5-21-0862

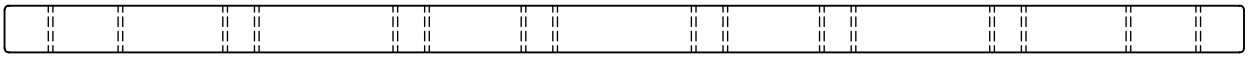
***NOTE: The 2 and 3 Position Dual Attach Swing Beams use the same Hardware bag.**

7863



1 @ 4 x 6 x 108" 2 POS DUAL ATTCH SB (1-07-0863)

7820



1 @ 4 x 6 x 142" 3 POS DUAL ATTCH SB (1-07-0820)

58"/62"/66" Deck Height Swing Options

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
N211	Sling Swing w/72" Chain			Loose
N297	Bucket Swing w/72" Chain			Loose
N336	Trapeze/Ring Combo w/26" Chain			Loose
N91	Swing Disk and Rope			Loose
N92	Buoy Ball with Rope, Cap, and Inflator			5-27-0009

2 Chain Tire Swing Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
N320	Chain	72"	2	5-21-1060
N409	2 Chain Tire		1	Loose
N30	C-Link		2	5-21-1060

4 Chain Tire Swing Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
N317	4 Chain Tire Chain Assembly	27"/35"	2	5-21-1064
N410	4 Chain Tire		1	Loose
N30	C-Link		4	5-21-1064

Buoy Ball Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
N223	Chain	44"	1	5-27-0003/5-27-0004
N224	Buoy Ball		1	5-27-0003/5-27-0004
N90	Spring Clips		2	5-27-0003/5-27-0004
N225	Buoy Ball Inflator		1	5-27-0003/5-27-0004

Punching Bag Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
N275	48" Chain		1	5-20-0378
N385	Punching Bag		1	5-20-0378
N30	6 mm C-Link		1	5-20-0378

24" Opening Glider Hardware List

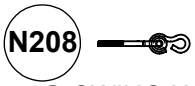
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	4	5-46-0754
H3	Flat Washer	3/8"	10	5-46-0754
H4	Flat Washer	1/2"	4	5-46-0754
H11	Lock Washer	3/8"	10	5-46-0754
H17	Standard Nut	3/8"	4	5-46-0754
H24	Nylock Nut	3/8"	2	5-46-0754
H28	Acorn Nut	3/8"	6	5-46-0754
H57	Carriage Bolt	3/8" x 7"	4	5-46-0754
H100	Lag Bolt	1/4" x 4 1/2"	4	5-46-0754
H139	Hex Head Bolt	3/8" x 9"	2	5-46-0754
H140	Hex Head Bolt	3/8" x 10"	2	5-46-0754

24" Opening Glider Parts List

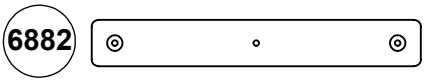
1 @ GLIDER SEAT
(5-40-0031)

2 @ GLIDER HANDLE w/CHAIN
(5-40-0030)

2 @ 3/8" Bolt Cup
(5-47-0043)



4 @ SWING HANGER
(5-45-0009)



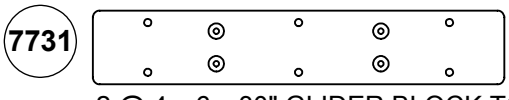
2 @ 4 x 4 x 24" GLIDER BLOCK (1-06-0882)

4 @ 4 x 4 x 5" LOWER GLIDER BLOCK (1-06-0883)

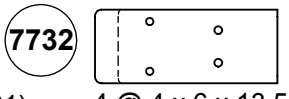
Glider Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	28	5-46-0705
H11	Lock Washer	3/8"	20	5-46-0705
H24	Nylock Nut	3/8"	8	5-46-0705
H28	Acorn Nut	3/8"	8	5-46-0705
H34	4 Prong T-Nut	3/8"	12	5-46-0705
H135	Hex Bolt	3/8" x 6 1/2"	8	5-46-0705
H138	Hex Bolt	3/8" x 8"	8	5-46-0705
H139	Hex Bolt	3/8" x 9"	4	5-46-0705
N221	Glider w/ 64" Chain		1	5-21-0728/729

*NOTE: Gliders come pre-packaged with their own Hardware.

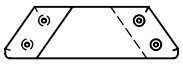


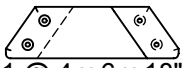
2 @ 4 x 6 x 30" GLIDER BLOCK TOP (1-07-0731)



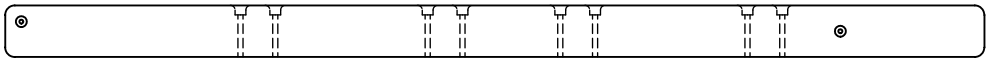
4 @ 4 x 6 x 13 5/16" GLIDER BLOCK BOTTOM (1-07-0732)

2 Position Dual Swing Beam Parts List

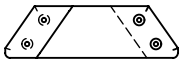
7069 
1 @ 4 x 6 x 18" RIGHT MONKEY BAR BRACKET (3-07-0069)

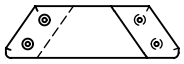
7070 
1 @ 4 x 6 x 18" LEFT MONKEY BAR BRACKET (3-07-0070)

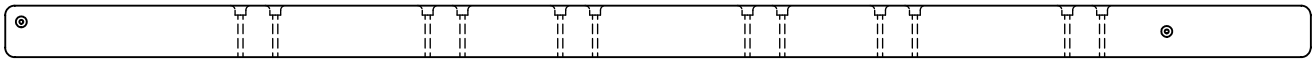
7074 
1 @ 4 x 6 x 102" RIGHT 2 POSITION DUAL SB ARM (3-07-0074)

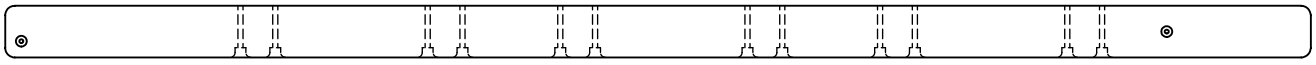
7073 
1 @ 4 x 6 x 102" LEFT 2 POSITION DUAL SB ARM (3-07-0073)

3 Position Dual Swing Beam Parts List

7069 
1 @ 4 x 6 x 18" RIGHT MONKEY BAR BRACKET (3-07-0069)

7070 
1 @ 4 x 6 x 18" LEFT MONKEY BAR BRACKET (3-07-0070)

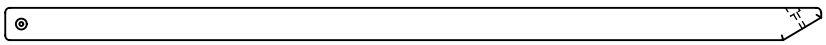
7071 
1 @ 4 x 6 x 136" LEFT 3 POSITION DUAL SB ARM (3-07-0071)

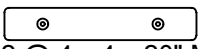
7072 
1 @ 4 x 6 x 136" RIGHT 3 POSITION DUAL SB ARM (3-07-0072)

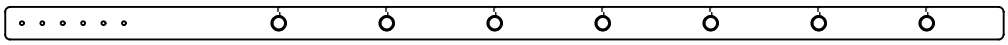
Dual Swing Beam Rung Support Hardware List

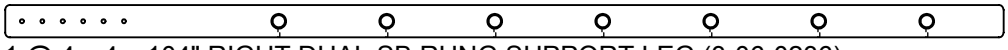
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	23	5-46-0957
H4	Flat Washer	1/2"	4	5-46-0957
H11	Lock Washer	3/8"	6	5-46-0957
H17	Standard Nut	3/8"	4	5-46-0957
H28	Acorn Nut	3/8"	4	5-46-0957
H56	Carriage Bolt	3/8" x 6 1/2"	3	5-46-0957
H104	Lag Bolt	5/16" x 2"	4	5-46-0957
H116	Lag Bolt	3/8" x 3 1/2"	10	5-46-0957
H119	Lag Bolt	3/8" x 5"	6	5-46-0957
H135	Hex Head Bolt	3/8" x 6 1/2"	2	5-46-0957
H139	Hex Head Bolt	3/8" x 9"	1	5-46-0957
H216	Phillips Pan Head Self Tapping Screw	#8 x 1 1/2"	14	5-46-0957
H34	4 Prong T-Nut	3/8"	4	5-46-0957

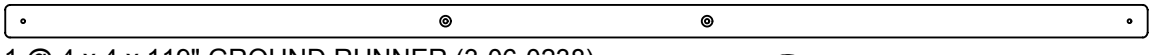
Dual Swing Beam Rung Support Parts List

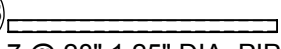
6237 
2 @ 4 x 4 x 85" SUPPORT WING (3-06-0237)

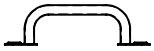
6342 
2 @ 4 x 4 x 20" MONKEY BAR SUPPORT BLOCK (3-06-0342)

6235 
1 @ 4 x 4 x 104" LEFT DUAL SB RUNG SUPPORT LEG (3-06-0235)

6236 
1 @ 4 x 4 x 104" RIGHT DUAL SB RUNG SUPPORT LEG (3-06-0236)

6238 
1 @ 4 x 4 x 119" GROUND RUNNER (3-06-0238)

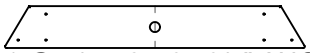
N405 
7 @ 28" 1.25" DIA. PIPE (5-31-0148)

N391 
2 @ SAFETY HANDLE (5-33-0121)

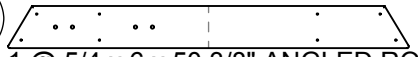
Dual Swing Beam Rock Wall Support Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	23	5-46-0956
H4	Flat Washer	1/2"	4	5-46-0956
H11	Lock Washer	3/8"	6	5-46-0956
H8	SAE Washer	1/4"	128	5-46-0956
H17	Standard Nut	3/8"	4	5-46-0956
H28	Acorn Nut	3/8"	4	5-46-0956
H56	Carriage Bolt	3/8" x 6 1/2"	3	5-46-0956
H116	Lag Bolt	3/8" x 3 1/2"	10	5-46-0956
H119	Lag Bolt	3/8" x 5"	6	5-46-0956
H139	Hex Head Bolt	3/8" x 9"	1	5-46-0956
H192	Phillips Pan Head Machine Screw	1/4" x 1 1/2"	64	5-46-0956
H155	Phillips Wood Screw	#8 x 2 1/2"	110	5-46-0956
H28	4 Prong T-Nut	1/4"	64	5-46-0956

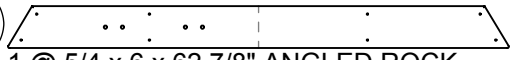
Dual Swing Beam Rock Wall Support Parts List

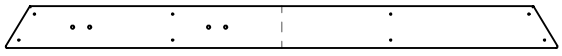
0104 
1 @ 5/4 x 6 x 37 3/4" ANGLED ROCK WALL BOARD (3-10-0104)

0105 
1 @ 5/4 x 6 x 44" ANGLED ROCK WALL BOARD (3-10-0105)

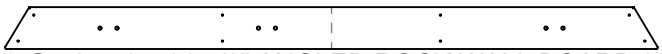
0106 
1 @ 5/4 x 6 x 50 3/8" ANGLED ROCK WALL BOARD (3-10-0106)

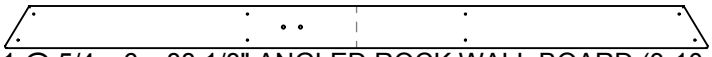
0107 
1 @ 5/4 x 6 x 56 5/8" ANGLED ROCK WALL BOARD (3-10-0107)

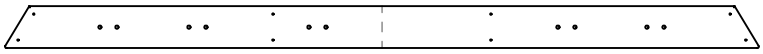
0108 
1 @ 5/4 x 6 x 62 7/8" ANGLED ROCK WALL BOARD (3-10-0108)

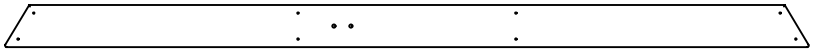
0109 
1 @ 5/4 x 6 x 69 1/4" ANGLED ROCK WALL BOARD (3-10-0109)

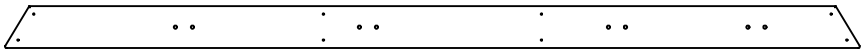
0110 
1 @ 5/4 x 6 x 75 1/2" ANGLED ROCK WALL BOARD (3-10-0110)

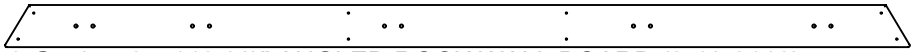
0111 
1 @ 5/4 x 6 x 81 7/8" ANGLED ROCK WALL BOARD (3-10-0111)

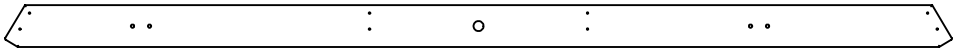
0112 
1 @ 5/4 x 6 x 88 1/8" ANGLED ROCK WALL BOARD (3-10-0112)

0113 
1 @ 5/4 x 6 x 94 1/2" ANGLED ROCK WALL BOARD (3-10-0113)

0114 
1 @ 5/4 x 6 x 100 3/4" ANGLED ROCK WALL BOARD (3-10-0114)

0115 
1 @ 5/4 x 6 x 107 1/8" ANGLED ROCK WALL BOARD (3-10-0115)

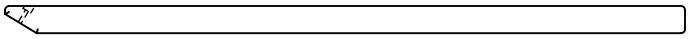
0116 
1 @ 5/4 x 6 x 113 3/8" ANGLED ROCK WALL BOARD (3-10-0116)

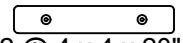
0117 
1 @ 5/4 x 6 x 118 1/2" ANGLED ROCK WALL BOARD (3-10-0117)

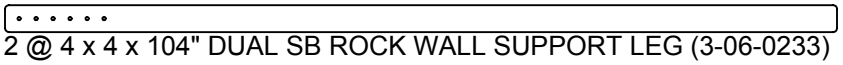
N156 
32 @ ROCKS (5-42-0068)/ (5-42-0069)

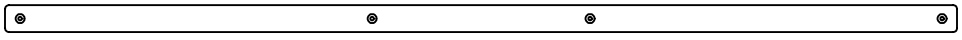
NOT SHOWN

N60 1 @ 13 1/2' ROPE (5-20-0297)

6232 
2 @ 4 x 4 x 85" SUPPORT WING (3-06-0232)

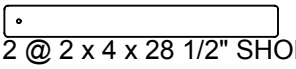
6342 
2 @ 4 x 4 x 20" MONKEY BAR SUPPORT BLOCK (3-06-0342)

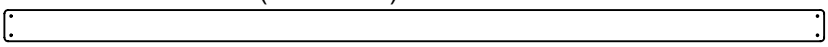
6233 
2 @ 4 x 4 x 104" DUAL SB ROCK WALL SUPPORT LEG (3-06-0233)

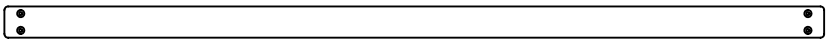
6234 
1 @ 4 x 4 x 119" GROUND RUNNER (3-06-0234)

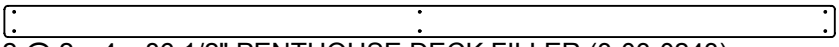
Extended Dual SB Penthouse Parts List

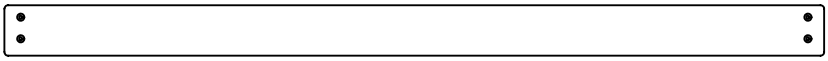
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	54	5-46-0959
H3	Flat Washer	3/8"	16	5-46-0959
H9	Lock Washer	1/4"	2	5-46-0959
H32	4 Prong T-Nut	1/4"	2	5-46-0959
H97	Lag Bolt	1/4" x 3"	52	5-46-0959
H104	Lag Bolt	5/16" x 2"	4	5-46-0959
H116	Lag Bolt	3/8" x 3 1/2"	2	5-46-0959
H119	Lag Bolt	3/8" x 5"	10	5-46-0959
H121	Lag Bolt	3/8" x 7"	4	5-46-0959
H146	Hex Head Bolt	1/4" x 2 1/2"	2	5-46-0959
H154	Phillips Wood Screw	#8 x 2"	92	5-46-0959
H155	Phillips Wood Screw	#8 x 2 1/2"	6	5-46-0959
H164	Phillips Pan Head Tap Screw	#14 x 1"	12	5-46-0959

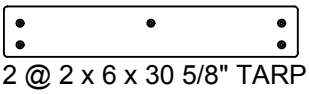
3175 
2 @ 2 x 4 x 28 1/2" SHORT PENTHOUSE CENTER POST (3-03-0175)

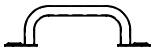
3241 
1 @ 2 x 4 x 85 3/8" TARP BOARD (3-03-0241)

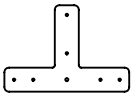
3242 
2 @ 2 x 4 x 85 3/8" PENTHOUSE SIDE BOARD (3-03-0242)

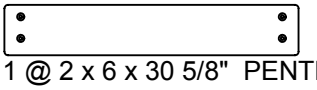
3243 
2 @ 2 x 4 x 86 1/2" PENTHOUSE DECK FILLER (3-03-0243)

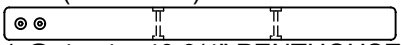
4087 
8 @ 2 x 6 x 85 3/8" PENTHOUSE SIDE BOARD (3-04-0087)

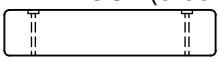
4147 
2 @ 2 x 6 x 30 5/8" TARP FACIA (3-04-0147)

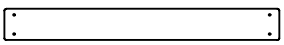
N391 
2 @ SAFETY HANDLE (5-33-0121)

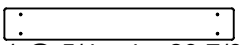
N33 
2 @ T-BRACKET (5-35-0087)

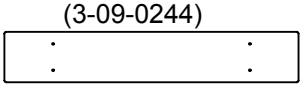
4150 
1 @ 2 x 6 x 30 5/8" PENTHOUSE END FACIA (3-04-0150)

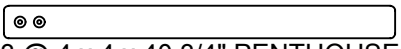
6321 
1 @ 4 x 4 x 40 3/4" PENTHOUSE CORNER POST (3-06-0321)

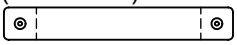
7055 
1 @ 4 x 6 x 22" FILLER BLOCK (3-07-0055)

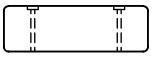
9193 
4 @ 5/4 x 4 x 28 5/8" PENTHOUSE RAIL UPRIGHT (3-09-0193)

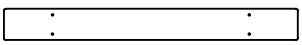
9244 
1 @ 5/4 x 4 x 23 7/8" SHORT DECK BOARD (3-09-0244)

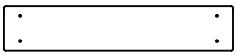
0147 
13 @ 5/4 x 6 x 30 5/8" DECK BOARD (3-10-0147)

6320 
3 @ 4 x 4 x 40 3/4" PENTHOUSE CORNER POST (3-06-0320)

6344 
1 @ 4 x 4 x 23 7/8" STEP BLOCK (3-06-0344)

7056 
1 @ 4 x 6 x 15" FILLER BLOCK (3-07-0056)

9243 
3 @ 5/4 x 4 x 30 5/8" DECK BOARD (3-09-0243)

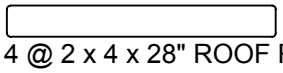
0146 
1 @ 5/4 x 6 x 23 7/8" SHORT DECK BOARD (3-10-0146)

*NOT SHOWN:

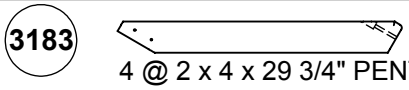
N425 1 @ EXTENDED DUAL SB PENT TARP RYB/GRN (5-22-0300)/(5-22-0301)

Extended Dual SB Penthouse WR Parts List

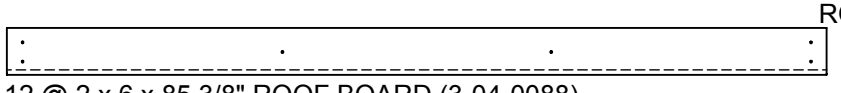
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	6	5-46-0960
H97	Lag Bolt	1/4" x 3"	2	5-46-0960
H100	Lag Bolt	1/4" x 4 1/2"	4	5-46-0960
H154	Phillips Wood Screw	#8 x 2"	92	5-46-0960
H215	Hex Head Bolt	1/4" x 1"	2	5-46-0960



4 @ 2 x 4 x 28" ROOF RUNNER (3-03-0182)

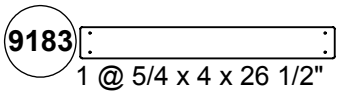


4 @ 2 x 4 x 29 3/4" PENTHOUSE WOOD ROOF SUPPORT (3-03-0183)



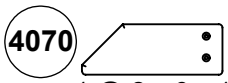
12 @ 2 x 6 x 85 3/8" ROOF BOARD (3-04-0088)

2 @ 2 x 6 x 85 3/8" PENTHOUSE FILLER ROOF BOARD (3-04-0090)



1 @ 5/4 x 4 x 26 1/2" ENTRAPMENT BOARD (3-09-0183)

2 @ 5/4 x 6 x 8 3/8" PEAK FACIA (3-10-0087)

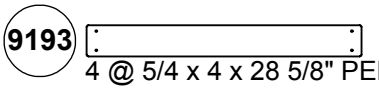


1 @ 2 x 6 x 14 5/8" PENTHOUSE WR FILLER (3-04-0070)

2 POS Dual SB Penthouse Add Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H155	Phillips Wood Screw	#8 x 2 1/2"	12	5-46-0958

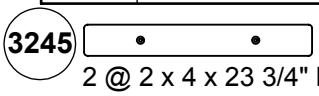
2 @ 2 x 4 x 59 3/8" PENTHOUSE DECK FILLER (3-03-0244)



4 @ 5/4 x 4 x 28 5/8" PENTHOUSE RAIL UPRIGHT (3-09-0193)

Bubble Panel Filler Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	4	5-46-0383
H97	Lag Bolt	1/4" x 3"	4	5-46-0383



2 @ 2 x 4 x 23 3/4" BUBBLE PANEL FILLER (3-03-0245)

Bubble Panel Parts List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H2	Flat Washer	5/16"	12	5-46-0235
H3	Flat Washer	3/8"	12/6	5-46-0235/5-46-0382
H10	Lock Washer	5/16"	12	5-46-0235
H27	Brass Acorn Nut	5/16"	12	5-46-0235
H37	Carriage Bolt	5/16" x 1"	12	5-46-0235
H116	Lag Bolt	3/8" x 3 1/2"	6	5-46-0382
N252	Lexan Bubble		1	Loose
N253	Bubble Panel	31" x 32 1/2" x 3/8"	1	Loose

Extended Bubble Panel Add On Parts List

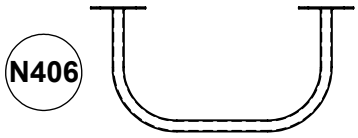
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	12	5-46-0109
H11	Lock Washer	3/8"	12	5-46-0109
H17	Standard Nut	3/8"	12	5-46-0109
H20	Jam Nut	5/16"	12	5-46-0680
H28	Acorn Nut	3/8"	12	5-46-0109
H44	Carriage Bolt	3/8" x 1 1/4"	12	5-46-0109
N254	10 Degree Elbow	27" Dia.	1	Loose

Dual Swing Beam Hangers Parts List (Per Swing)

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	4	5-46-0961
H133	Hex Hut	3/8" x 5 1/2"	4	5-46-0961

4 Hole Mount 4x4 Chin-Up Bar Hardware List

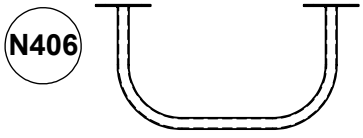
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	4	5-46-0922
H11	Lock Washer	3/8"	4	5-46-0922
H30	Round Pallet Nut	3/8"	4	5-46-0922
H131	Hex Head Bolt	3/8" x 3 1/2"	4	5-46-0922



1 @ CHIN-UP BAR
4 HOLE MOUNT
(5-33-0128)

4 Hole Mount 4x6 Chin-Up Bar Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	4	5-46-0710
H11	Lock Washer	3/8"	4	5-46-0710
H30	Round Pallet Nut	3/8"	4	5-46-0710
H133	Hex Head Bolt	3/8" x 5 1/2"	4	5-46-0710

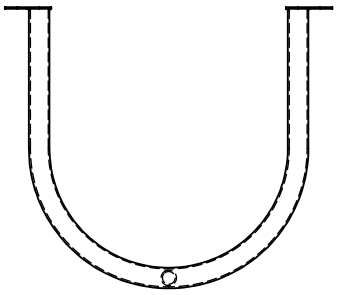


1 @ CHIN-UP BAR
4 HOLE MOUNT
(5-33-0128)

Fire Pole Hardware List

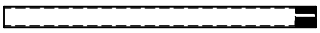
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	2	5-46-0880
H11	Lock Washer	3/8"	2	5-46-0880
H34	4 Prong T-Nut	3/8"	2	5-46-0880
H116	Lag Bolt	3/8" x 3 1/2"	2	5-46-0880
H123	Hex Head Bolt	3/8" x 1 1/4"	2	5-46-0880
H125	Hex Head Bolt	3/8" x 1 3/4"	2	5-46-0880
H226	Phillips Pan Head Self Drilling Screw	#10 x 1"	2	5-46-0880

N381



1 @ FIRE POLE TOP (5-33-0123)

N384

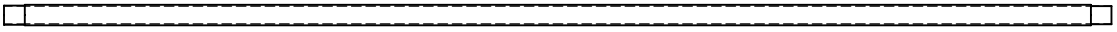


1 @ FIRE POLE EXTENSION (5-33-0126)

N383

1 @ FIRE POLE LONG EXTENSION (5-33-0125)

N382

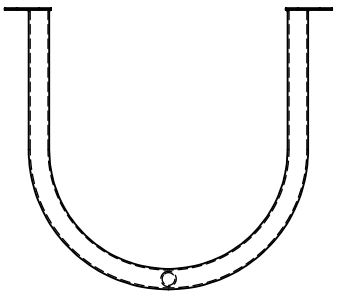


1 @ FIRE POLE MID-SECTION (5-33-0124)

Coil Climber Hardware List

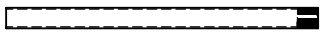
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Flat Washer	3/8"	2	5-46-0880
H11	Lock Washer	3/8"	2	5-46-0880
H34	4 Prong T-Nut	3/8"	2	5-46-0880
H116	Lag Bolt	3/8" x 3 1/2"	2	5-46-0880
H123	Hex Head Bolt	3/8" x 1 1/4"	2	5-46-0880
H125	Hex Head Bolt	3/8" x 1 3/4"	2	5-46-0880
H226	Phillips Pan Head Self Drilling Screw	#10 x 1"	2	5-46-0880

N381



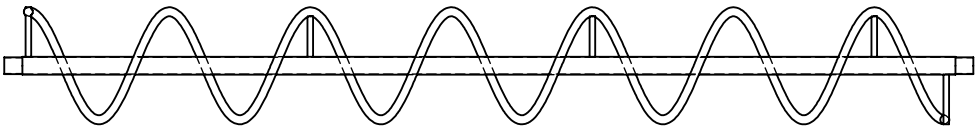
1 @ FIRE POLE TOP (5-33-0123)

N371



2 @ COIL CLIMBER EXTENSION (5-33-0120b)

N371

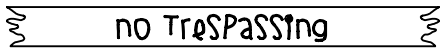


1 @ COIL CLIMBER (5-33-0120a)

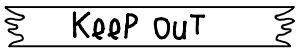
Wacky Sign Boards Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H176	Phillips Wood Screw	#8 x 1"	12	5-46-0808

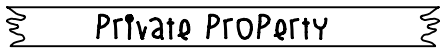
Wacky Sign Boards Parts List

1229 

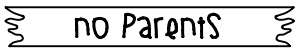
1 @ 1 x 4 x 36" NO TRESPASSING (1-01-0229)

1225 

1 @ 1 x 4 x 24" KEEP OUT (1-01-0225)

1230 

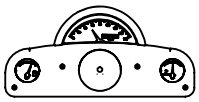
1 @ 1 x 4 x 36" PRIVATE PROPERTY (1-01-0230)

1226 

1 @ 1 x 4 x 24" NO PARENTS (1-01-0226)

Driving Panel Hardware List

F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H1	Flat Washer	1/4"	2	5-41-0049
H2	Flat Washer	5/16"	2	5-41-0049
H23	Nylock Nut	5/16"	1	5-41-0049
H97	Lag Bolt	1/4" x 3"	2	5-41-0049
H222	Hex Head Bolt	5/16" x 2 1/2"	2	5-41-0049
H221	Phillips Pan Head Tap Screw	#10 x 3"	4	5-41-0049

N328 
1 @ DRIVING PANEL (5-41-0049)

N328 
1 @ STEERING WHEEL (5-41-0049)

N328 
1 @ STEERING WHEEL CAP (5-41-0049)

Ninja Training Kit Parts List

N435 
1 @ NINJA CONE RED (5-40-0079)

N436 
1 @ NINJA CONE BLUE (5-40-0080)

N439 
1 @ NINJA SPHERE RED (5-40-0081)

N440 
1 @ NINJA SPHERE BLUE (5-40-0082)

N437 
1 @ NINJA CYLINDER RED (5-40-0083)

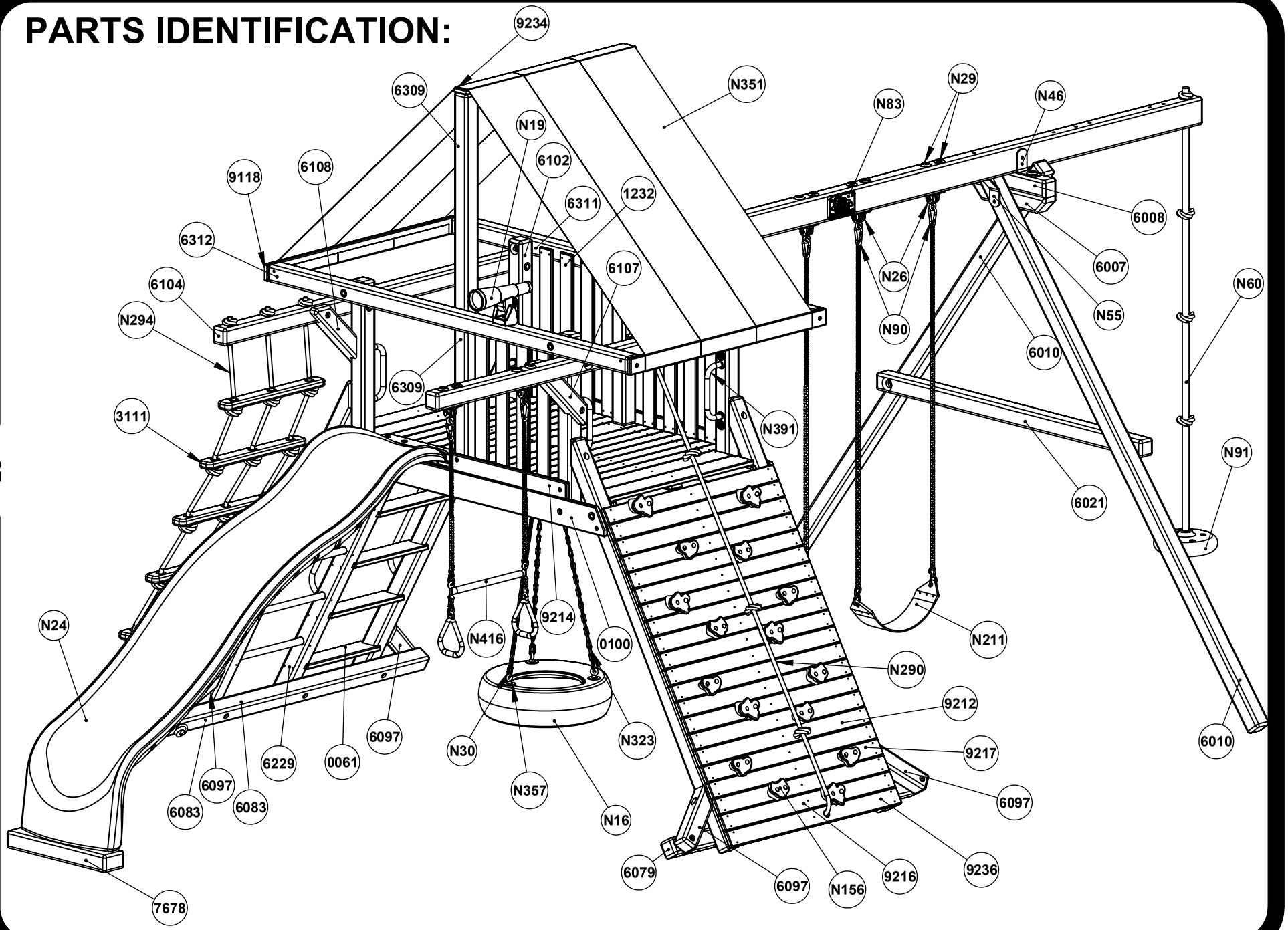
N438 
1 @ NINJA CYLINDER BLUE (5-40-0084)

N441 
3 @ NINJA STRAP RED (5-42-0078)

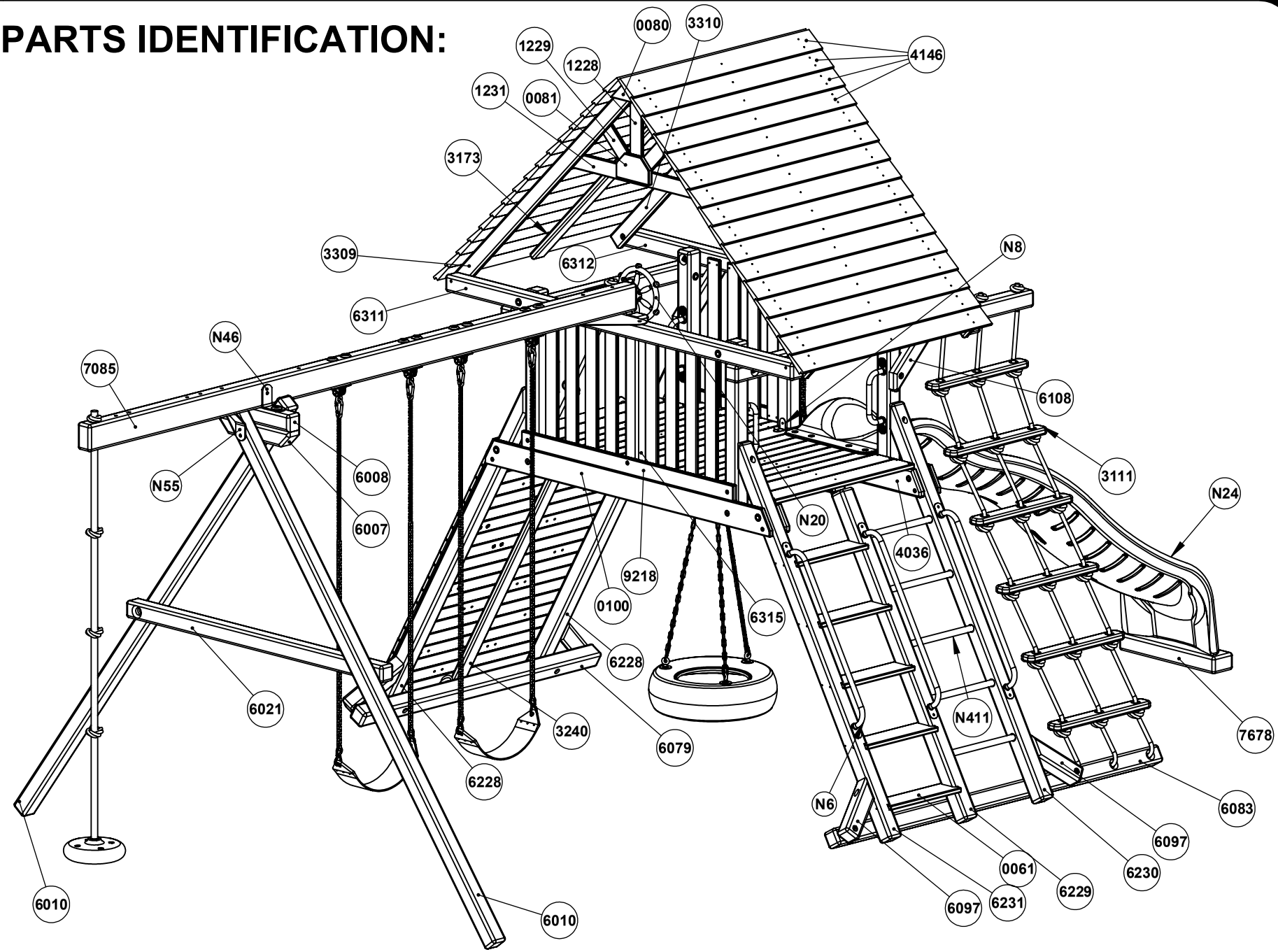
N442 
3 @ NINJA STRAP BLUE (5-42-0079)

N443 
6 @ TRIANGLE LINK (5-47-0063)

PARTS IDENTIFICATION:



PARTS IDENTIFICATION:



Step 1

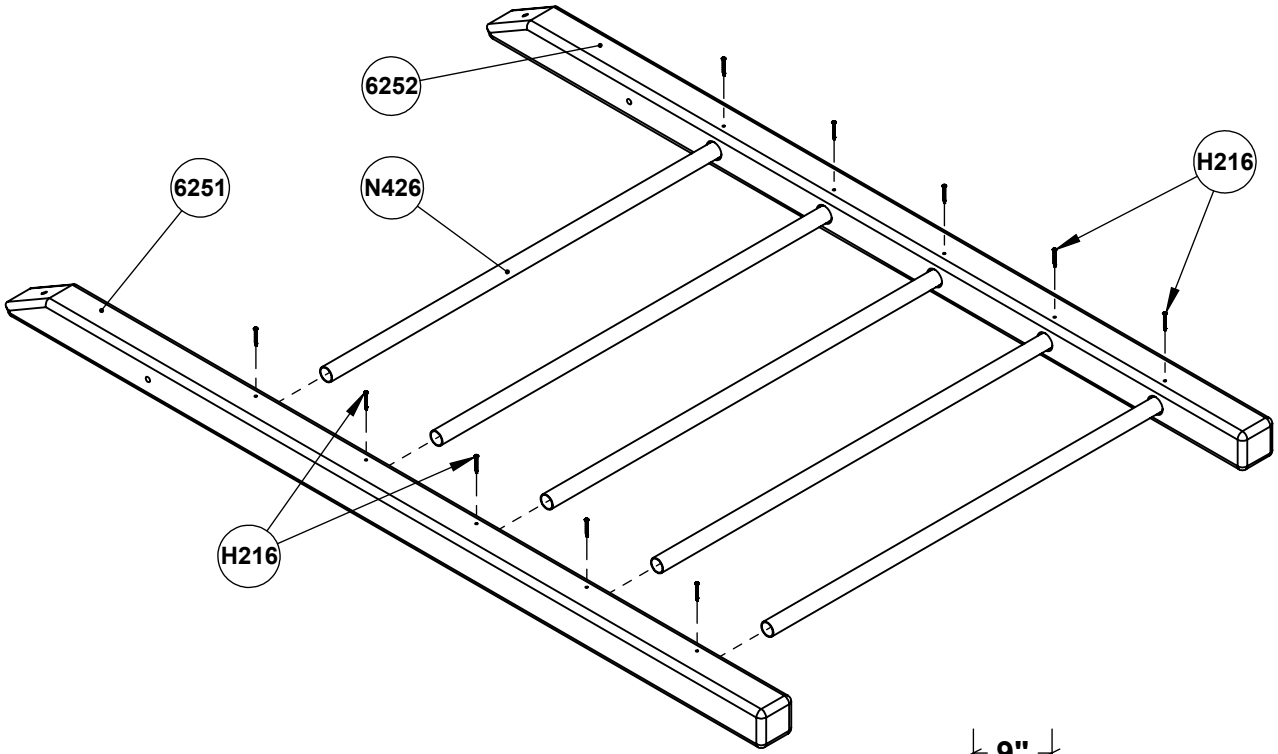
Rung Ladder Assembly

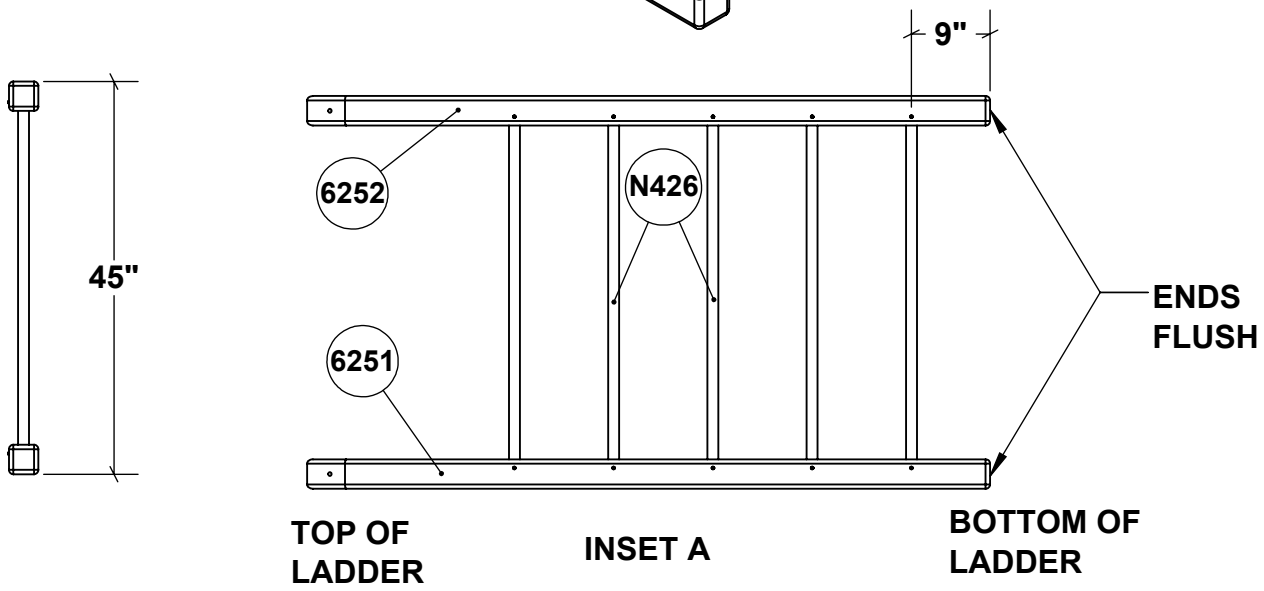
***NOTE: Assembly is shown for 58" Deck Height Rung Ladder.**

1. Place Right Rung Leg **(6251)** on a flat surface with the pipe holes facing up. Remove any objects from underneath the Ladder Leg to prevent scarring of the wood.
2. Insert Pipes **(N426)** into holes in Right Rung Leg.

***NOTE: The centers of the first rung holes from ladder bottoms should measure 9".**

3. Position Left Rung Leg **(6251)** on top of the installed Pipes **(N426)**.
4. Ensure Ladder assembly measures **45"** wide and bottom ends are flush. Secure Pipes **(N426)** in pipe holes with #8 Hardware **(H216)**.



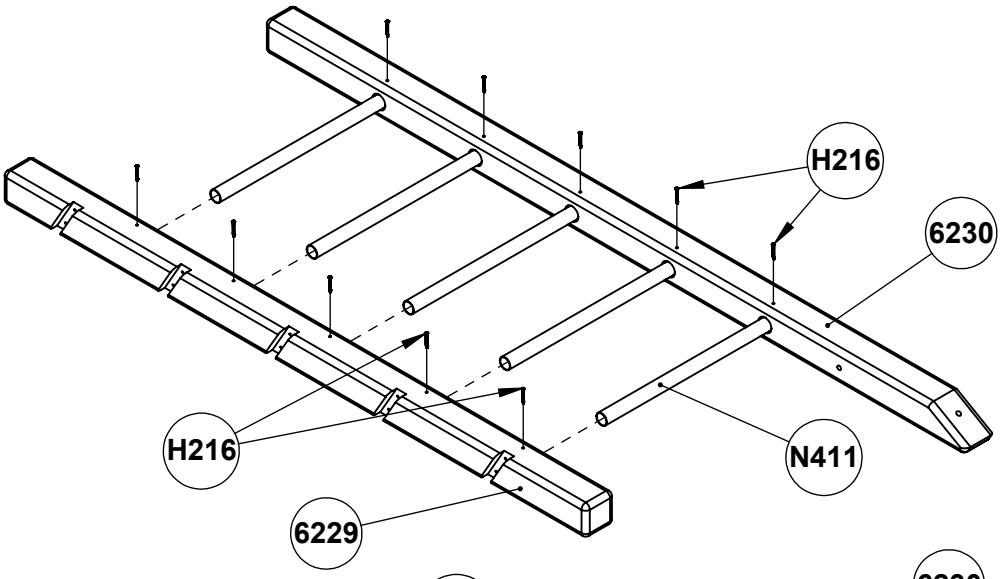


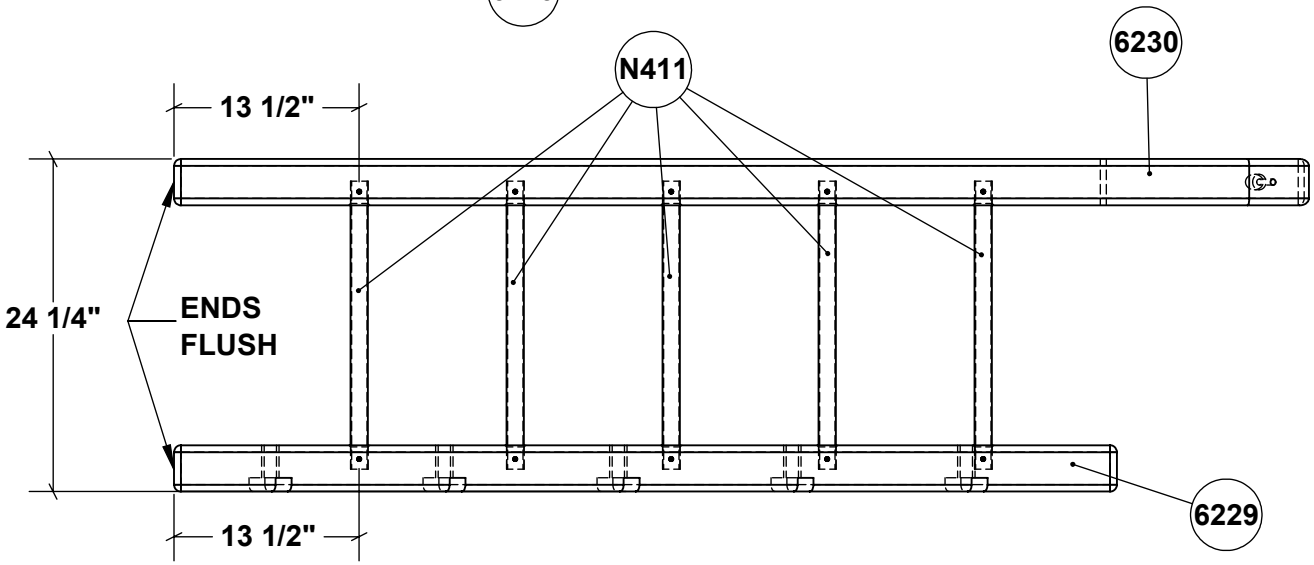
Step 2

Rung Ladder Assembly

***NOTE: Processes are shown building the 62" Deck Height Ladders. Processes will be the same for the 66" Deck Height Ladders unless otherwise noted.**

1. Place Castle Rung Ladder Leg **(6230) (6334) (6205)** on a flat surface with the pre-drilled holes facing up. Place the Middle Step/Rung Combo Leg **(6229) (6281) (6333) (6204)** directly across from Castle Rung Ladder Leg **(6230) (6334) (6205)** with pre-drilled holes facing up. Make sure the bottom of the Middle Step/Rung Combo Leg **(6229) (6333) (6204)** and the bottom of the Castle Rung Ladder Leg **(6230) (6334) (6205)** are flush as shown below.
   ***NOTE: A quantity of 6 Pipes (N411) will installed for the 66" Deck Height Ladder.**
   ***NOTE: Be sure to orient the Legs correctly so that the bottom Pipe hole measures 13 1/2" up from bottoms of Legs (as shown). Bottom Pipe holes for the 66" Deck Height Ladder (6334) will measure 6 5/8" up from the bottoms of Legs. Bottom Pipe holes for the 66" Deck Height Ladder (6205) will measure 9" up from the bottoms of Legs.**
2. Insert the Pipes **(N411)** into the pipe holes of both the Castle Rung Ladder Leg **(6230)** and Middle Step/Rung Ladder Leg **(6229)** to connect the Legs **(6229) (6230)** together.
3. Ensure width of ladder assembly is **24 1/4"** (as shown) and insert #8 Hardware **(H216)** into pre-drilled holes and into Pipes **(N411)**.



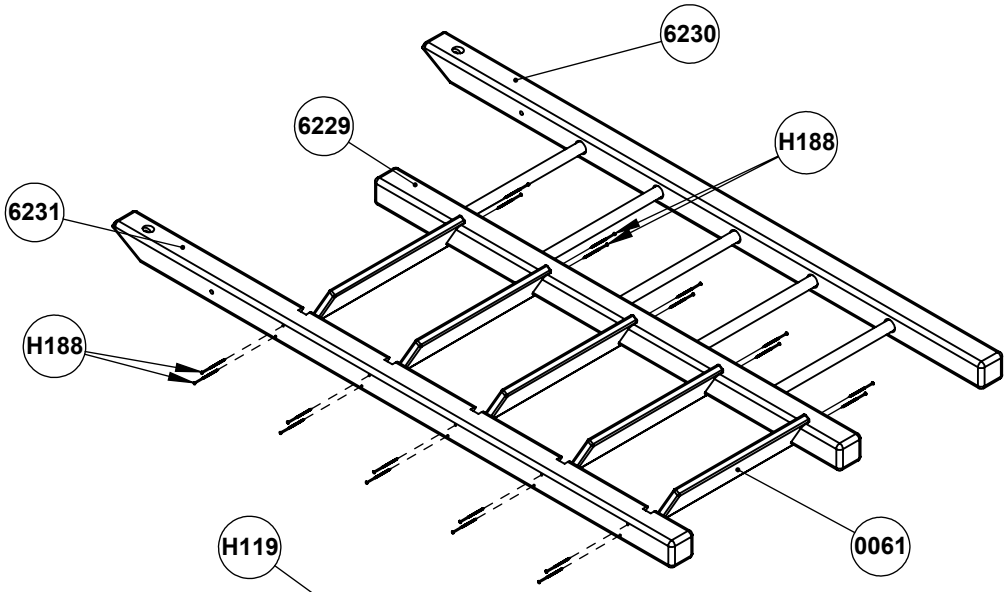


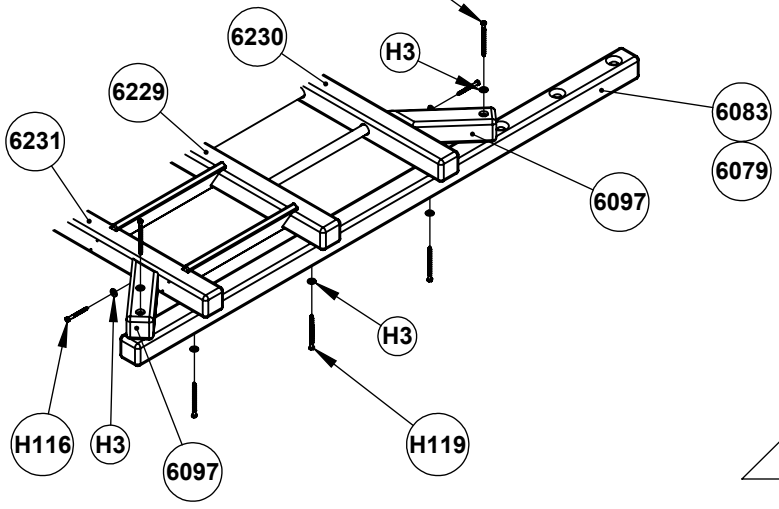
Step 3

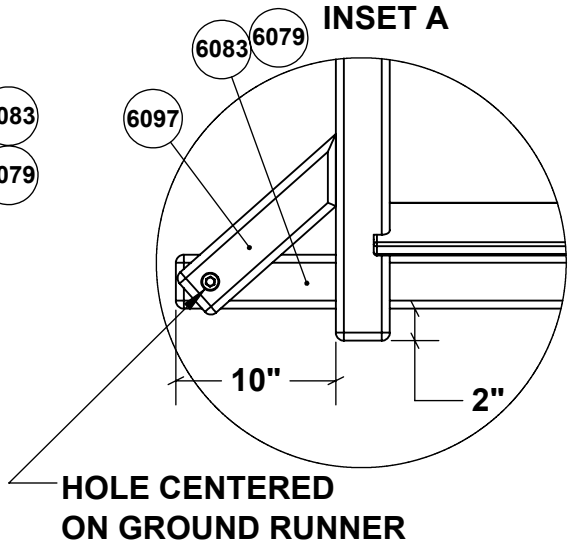
Step/Rung Ladder Assembly

***NOTE: Pre-drill holes for all Lag Bolts with the appropriate drill bit. Use a 1/4" drill bit for 3/8" Hardware (H116) (H119).**

1. Center Ladder Steps **(4128) (0061)** in notches and attach through the Middle Step/Rung Combo Leg **(6229) (6333) (6204)** and Castle Step Ladder Leg **(6230) (6855) (6335) (6206)** using #8 Hardware **(H188)**.
   ***NOTE: The bottom and faces of the Ladder Legs should be flush. The final assembly width must be 45".**
2. Position the Lower Rope Runner **(6083)** or Ground Runner **(6079)** on the backside of the assembled ladder approximately **2"** up from the bottom of the Ladder Legs (as shown in Insets A). The Lower Rope Runner **(6083)** should overhang the Castle Step Ladder Leg **(6231) (6335) (6206) 10"** (as shown in Inset A). Attach Lower Rope Runner **(6083)** to Ladder Legs using 3/8" Hardware **(H3) (H119)**.
3. Position Angled Braces **(6097)** with the angled surfaces flat against the side of the Ladder Legs**.** Holes in Angle Braces should be centered on Ground Runner. Attach Angled Braces to Ladder Legs using 3/8" Hardware **(H3) (H116)** and to Lower Rope Runner **(6083)** using 3/8" Hardware **(H3) (H119)**.





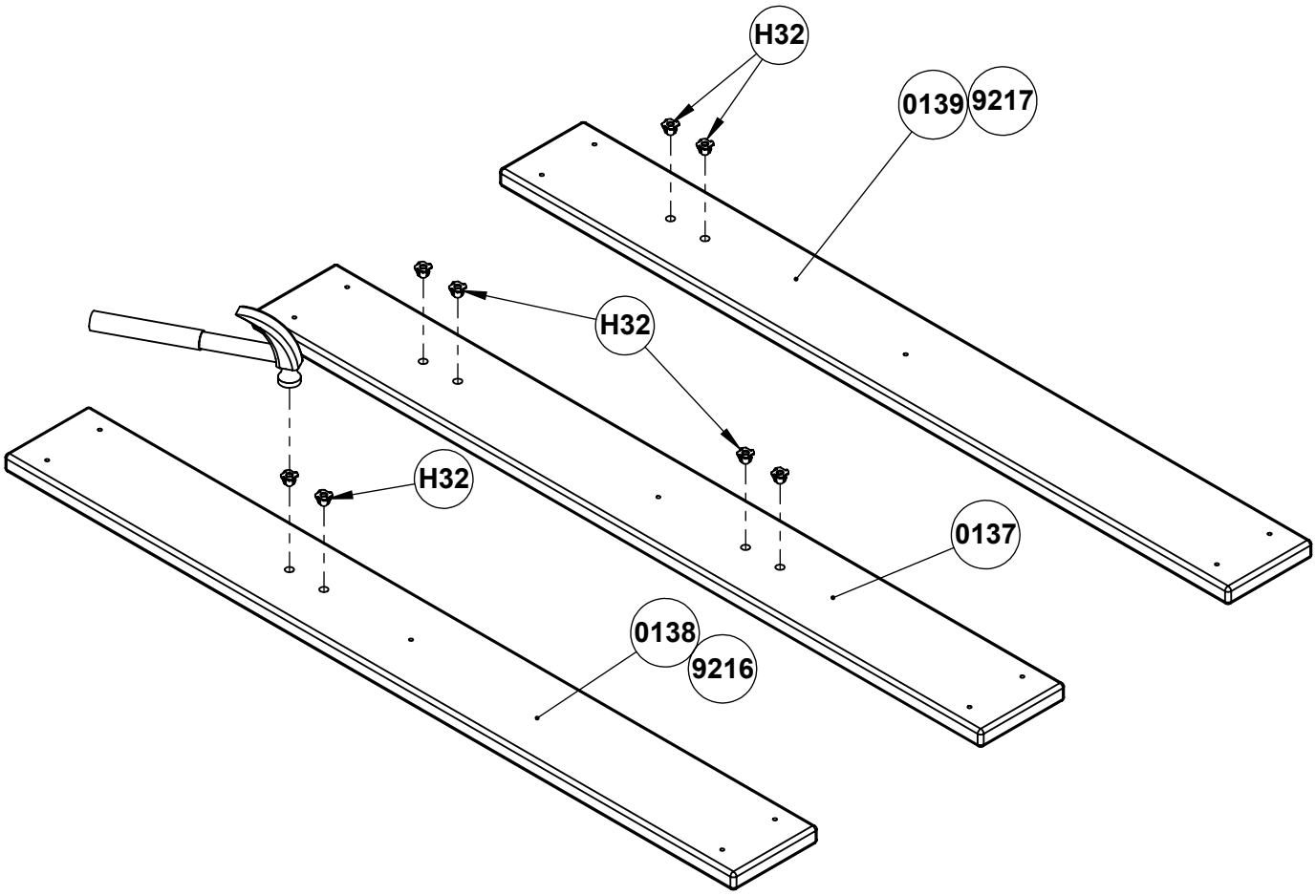


Step 4

Rock Wall Board Hardware Installation

***NOTE: Position Rock Wall Boards (0137) (0138) (0139) (9216) (9217) with best side facing down.**

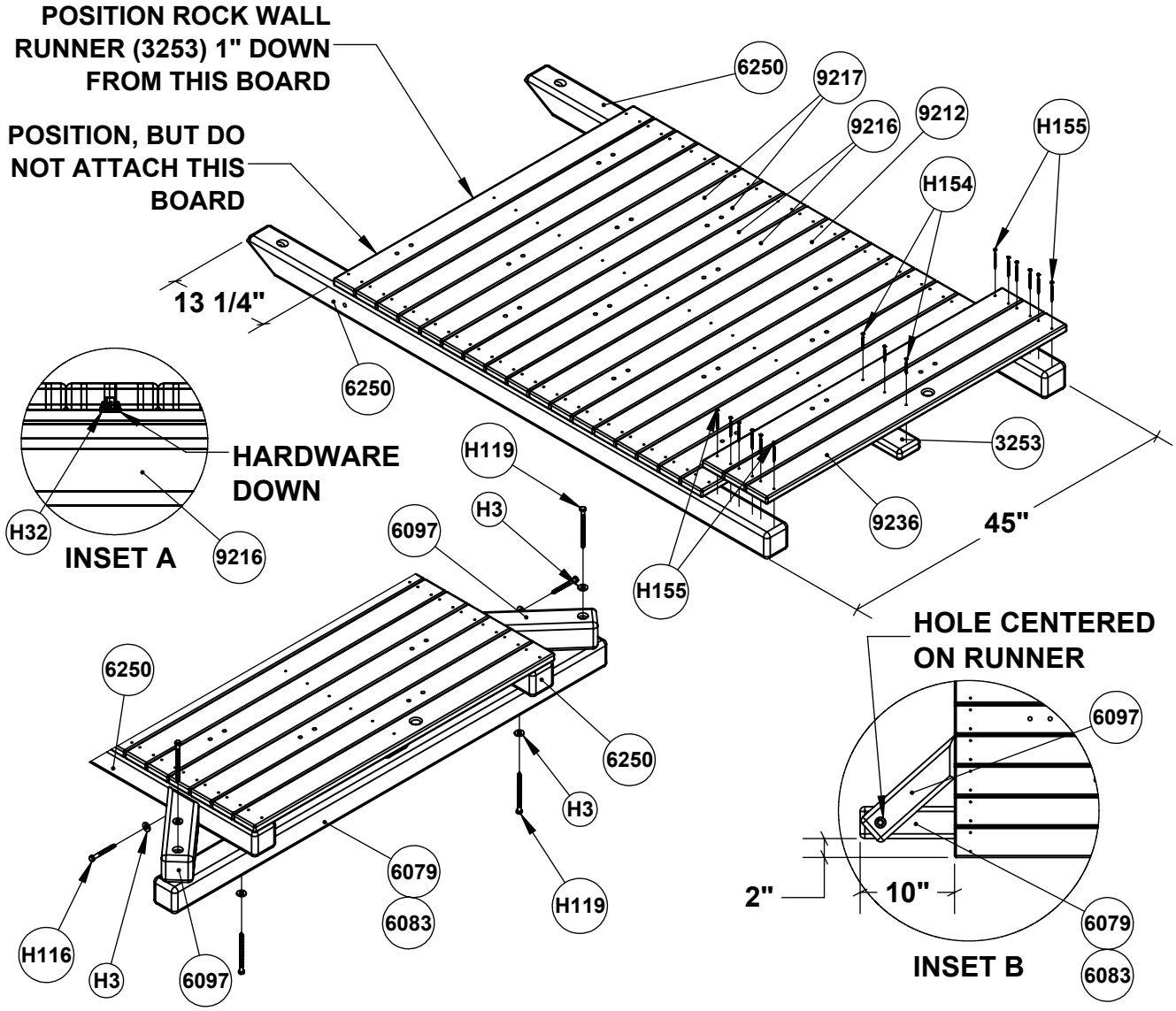
1. On a flat surface layout all Rock Wall Boards **(0137) (0138) (0139) (9216) (9217)**. Insert 1/4" Hardware **(H32)** into pre-drilled holes. A small hammer or mallet may be needed to pound in 1/4" Hardware **(H32)**.



Step 5

58" Deck Height Rock Wall Assembly

1. Place Rock Wall Legs **(6250)** on a flat surface with ends flush. Rock Wall Legs should be **45"** apart from outside face to outside face.
   ***NOTE: 1/4" Hardware (H32) that was installed in Rock Wall Boards in Step 4 must face down (as shown in Inset A).**
2. Starting **13 1/4"** down from the top of Rock Wall Legs **(6250)**, position Rock Wall Boards **(9212) (9216) (9217) (9236)** in the pattern shown and attach to Rock Wall Legs using #8 Hardware **(H155)**. Do not attach top Rock Wall Board **(9217)** at this time.
3. Position Ground Runner **(6079)** or Lower Rope Runner **(6083) 2"** up from the bottom face of Rock Wall Legs **(6250)** (as shown in Inset B). Approximately **10"** of the Ground Runner **(6079)** should extend out past the outside face of the Rock Wall Legs. Attach Ground Runner to Rock Wall Legs using 3/8" Hardware **(H3) (H119)**.
4. Position Angled Braces **(6097)** with the angled surface flat against the side of the Rock Wall Legs. Holes in Angled Braces should be centered on Runner. Attach Angled Braces **(6097)** to Rock Wall Legs and the Ground Runner using 3/8" Hardware **(H3) (H116) (H119)**.
5. Position Rock Wall Runner **(3253)**, **1"** down from top Rock Wall Board, centered on underside of Rock Wall Boards. Attach Runner through Rock Wall Boards using #8 Hardware **(H154)**.

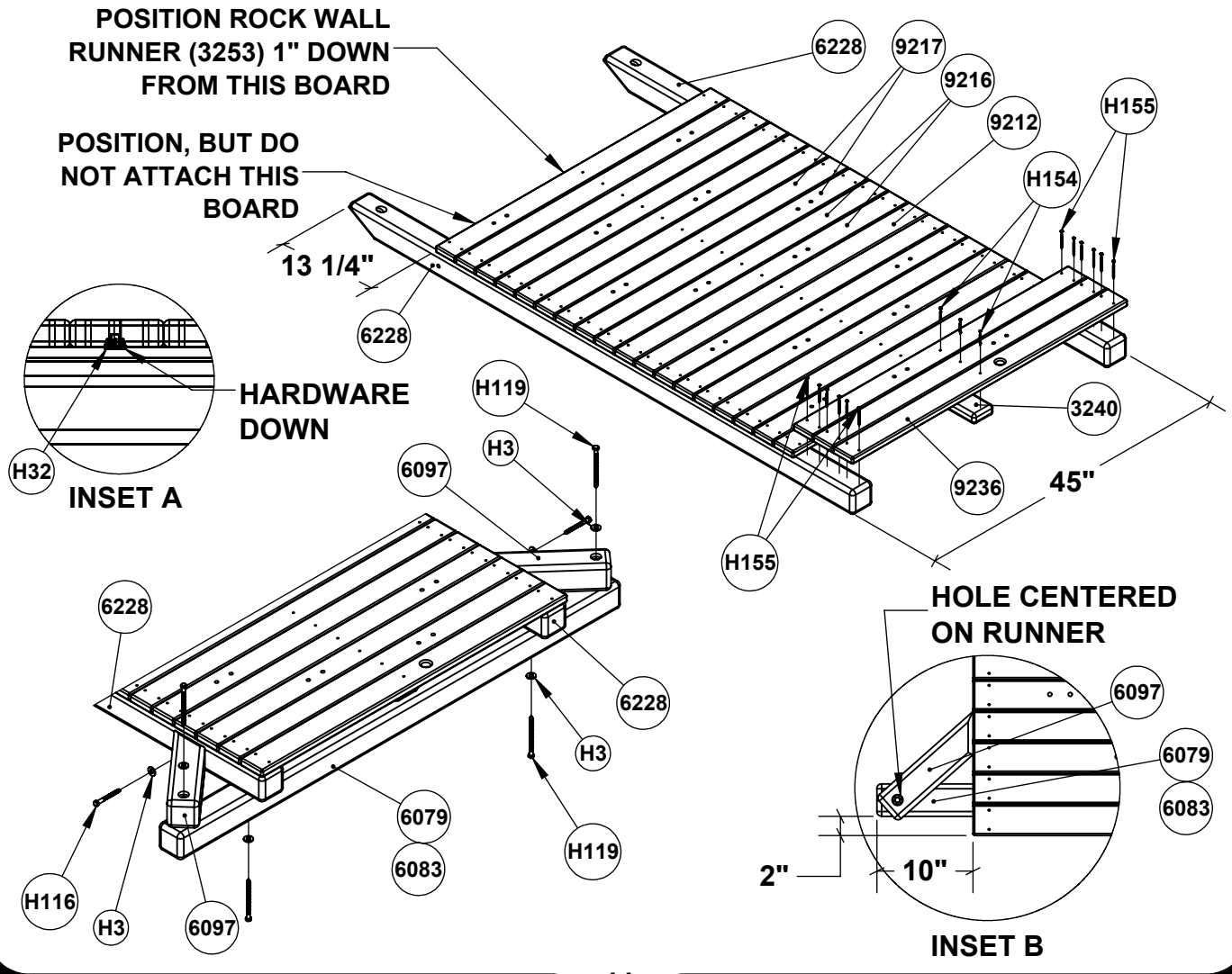


Step 6

62" Deck Height Rock Wall Assembly

***NOTE: This Step is used if making 62" Deck Height Rock Wall using Rock Wall Boards (9212) (9216) (9217) (9236).**

1. Place Rock Wall Legs **(6228)** on a flat surface with ends flush. Rock Wall Legs should be **45"** apart from outside face to outside face.
   ***NOTE: 1/4" Hardware (H32) that was installed in Rock Wall Boards in Step 4 must face down (as shown in Inset A).**
2. Starting **13 1/4"** down from the top of Rock Wall Legs **(6228)**, position Rock Wall Boards **(9212) (9216) (9217) (9236)** in the pattern shown and attach to Rock Wall Legs using #8 Hardware **(H155)**. Do not attach top Rock Wall Board **(9217)** at this time.
3. Position Ground Runner **(6079)** or Lower Rope Runner **(6083) 2"** up from the bottom face of Rock Wall Legs **(6228)** (as shown in Inset B). Approximately **10"** of the Ground Runner **(6079)** should extend out past the outside face of the Rock Wall Legs. Attach Ground Runner to Rock Wall Legs using 3/8" Hardware **(H3) (H119)**.
4. Position Angled Braces **(6097)** with the angled surface flat against the side of the Rock Wall Legs. Holes in Angled Braces should be centered on Runner. Attach Angled Braces **(6097)** to Rock Wall Legs and the Ground Runner using 3/8" Hardware **(H3) (H116) (H119)**.
5. Position Rock Wall Runner **(3240)**, **1"** down from top Rock Wall Board, centered on underside of Rock Wall Boards. Attach Runner through Rock Wall Boards using #8 Hardware **(H154)**.

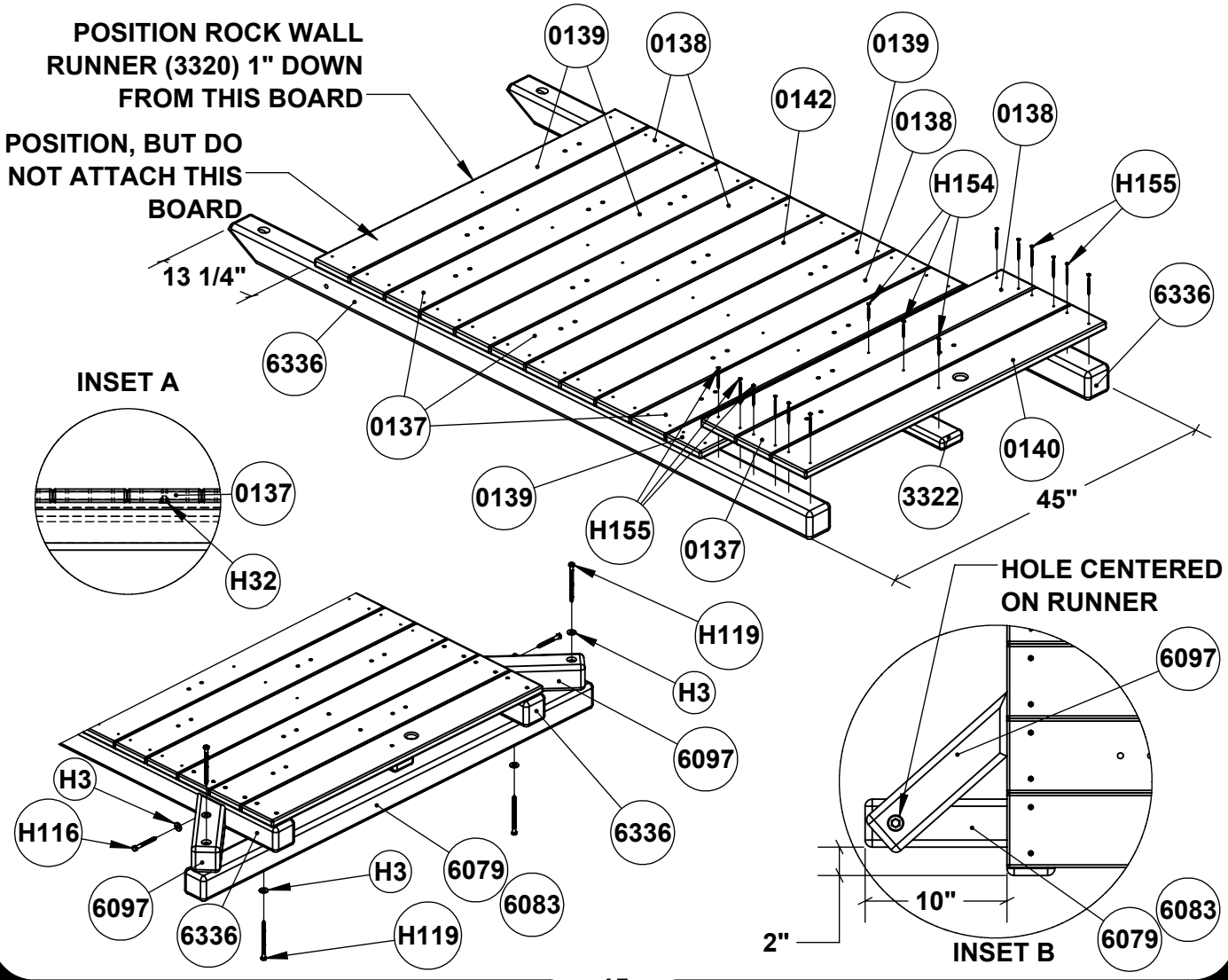


Step 7

66" Deck Height Rock Wall Assembly

***NOTE: This Step is used if making 66" Deck Height Rock Wall using Rock Wall Boards (0137) (0138) (0139) (0140).**

1. Place Rock Wall Legs **(6336)** on a flat surface with ends flush. Rock Wall Legs should be **45"** apart from outside face to outside face.
   ***NOTE: 1/4" Hardware (H32) that was installed in Rock Wall Boards in Step 4 must face down (as shown in Inset A).**
2. Starting **13 1/4"** down from the top of Rock Wall Legs **(6336)**, position Rock Wall Boards **(0137) (0138) (0139) (0140) (0142)** in the pattern shown and attach to Rock Wall Legs using #8 Hardware **(H155)**. Do not attach top Rock Wall Board **(0139)** at this time.
3. Position Ground Runner **(6079)** or Lower Rope Runner **(6083) 2"** up from the bottom face of Rock Wall Legs **(6336)** (as shown in Inset B). Approximately **10"** of the Ground Runner **(6079)** should extend out past the outside face of the Rock Wall Legs. Attach Ground Runner to Rock Wall Legs using 3/8" Hardware **(H3) (H119)**.
4. Position Angled Braces **(6097)** with the angled surface flat against the side of the Rock Wall Legs. Holes in Angled Braces should be centered on Runner. Attach Angled Braces **(6097)** to Rock Wall Legs and the Ground Runner using 3/8" Hardware **(H3) (H116) (H119)**.
5. Position Rock Wall Runner **(3322)**, **1"** down from top Rock Wall Board, centered on underside of Rock Wall Boards. Attach Runner through Rock Wall Boards using #8 Hardware **(H154)**.

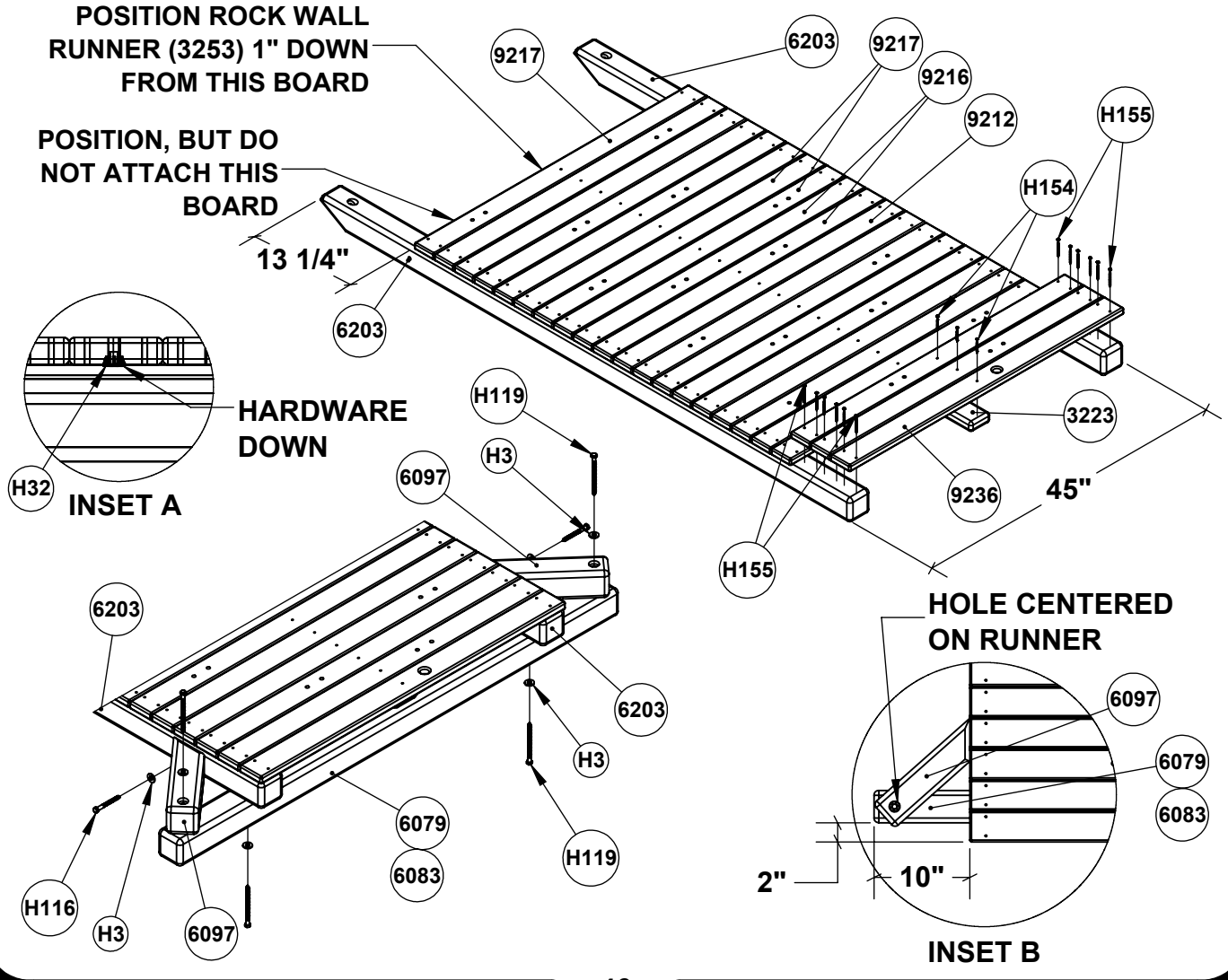


Step 8

66" Deck Height Rock Wall Assembly

***NOTE: This Step is used if making 66" Deck Height Rock Wall using Rock Wall Boards (9212) (9216) (9217) (9236).**

1. Place Rock Wall Legs **(6203)** on a flat surface with ends flush. Rock Wall Legs should be **45"** apart from outside face to outside face.
   ***NOTE: 1/4" Hardware (H32) that was installed in Rock Wall Boards in Step 4 must face down (as shown in Inset A).**
2. Starting **13 1/4"** down from the top of Rock Wall Legs **(6203)**, position Rock Wall Boards **(9212) (9216) (9217) (9236)** in the pattern shown and attach to Rock Wall Legs using #8 Hardware **(H155)**. Do not attach top Rock Wall Board **(9217)** at this time.
3. Position Ground Runner **(6079)** or Lower Rope Runner **(6083) 2"** up from the bottom face of Rock Wall Legs **(6203)** (as shown in Inset B). Approximately **10"** of the Ground Runner **(6079)** should extend out past the outside face of the Rock Wall Legs. Attach Ground Runner to Rock Wall Legs using 3/8" Hardware **(H3) (H119)**.
4. Position Angled Braces **(6097)** with the angled surface flat against the side of the Rock Wall Legs. Holes in Angled Braces should be centered on Runner. Attach Angled Braces **(6097)** to Rock Wall Legs and the Ground Runner using 3/8" Hardware **(H3) (H116) (H119)**.
5. Position Rock Wall Runner **(3240)**, **1"** down from top Rock Wall Board, centered on underside of Rock Wall Boards. Attach Runner through Rock Wall Boards using #8 Hardware **(H154)**.



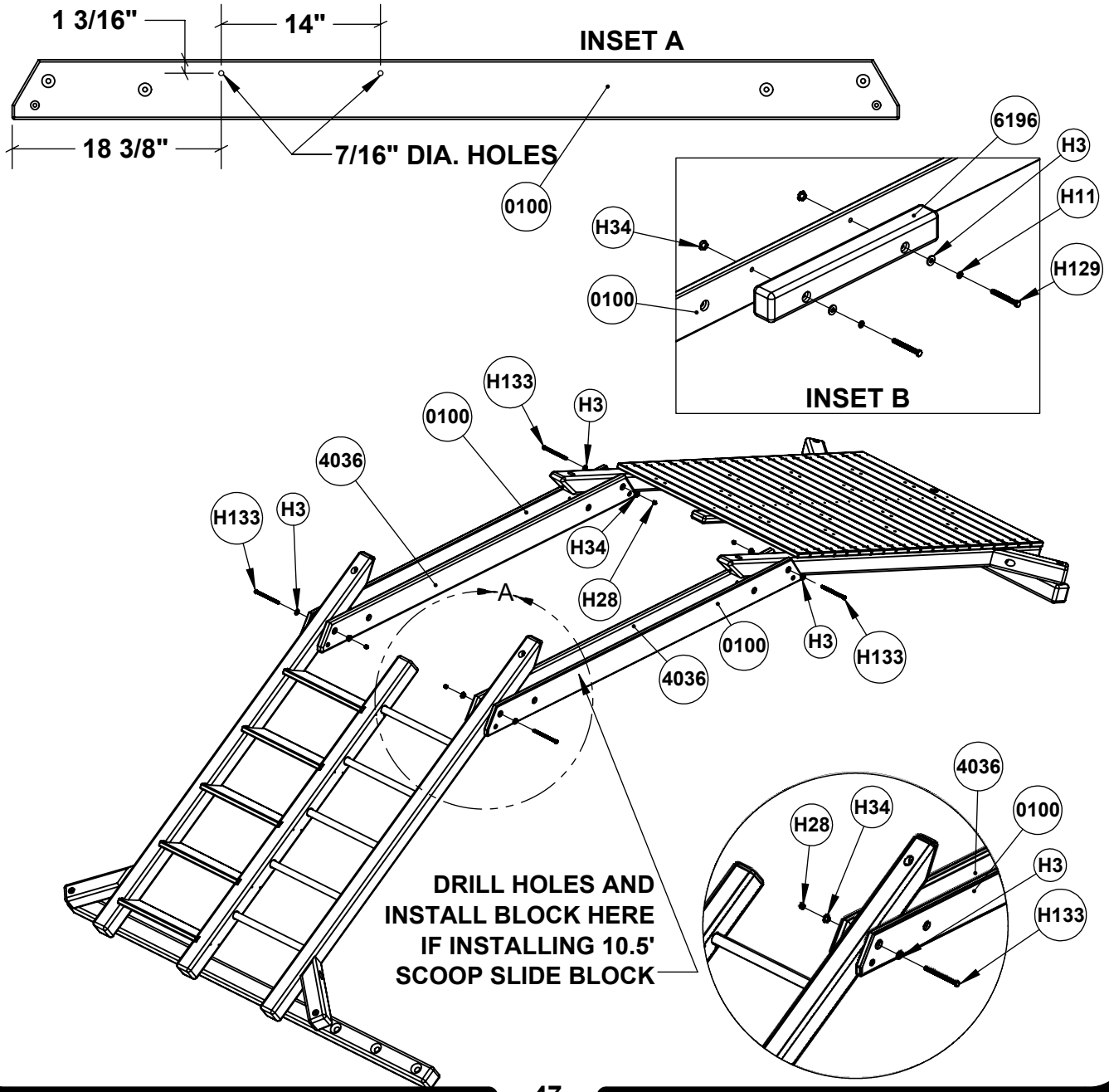
Step 9

Main Beam, Facia & Ladder Assembly

***NOTE: Hardware to attach ladders should not be fully tightened at this time.**

***NOTE: If installing 10.5' Scoop Slide, Filler Block (6196) will have to be attached to front Angled Facia (0100) prior to attaching ladders. If not installing 10.5' Scoop Slide, skip to #3. Steps for installing 10.5' Scoop Slide will be shown on page 107.**

1. If installing 10.5' Scoop Slide, measure over on front Angled Facia **(0100)** and drill a **qty. of 2**, **7/16" DIA. holes** referencing dimensions given in Inset A.
2. Attach Filler Block **(6196)** to Angled Facia **(0100)**, through previously drilled holes using 3/8" Hardware **(H3) (H11) (H34) (H129)** (as shown in Inset B).
   ***NOTE: A small hammer or mallet may be needed to pound in 3/8" Hardware (H34).**
3. On a flat surface position Main Beams **(4036)**, Angled Facias **(0100)** and previously assembled ladders as shown and attach using 3/8" Hardware **(H3) (H28) (H34) (H133)**. Ladders, Main Beams and Angled Facias must be positioned as shown.

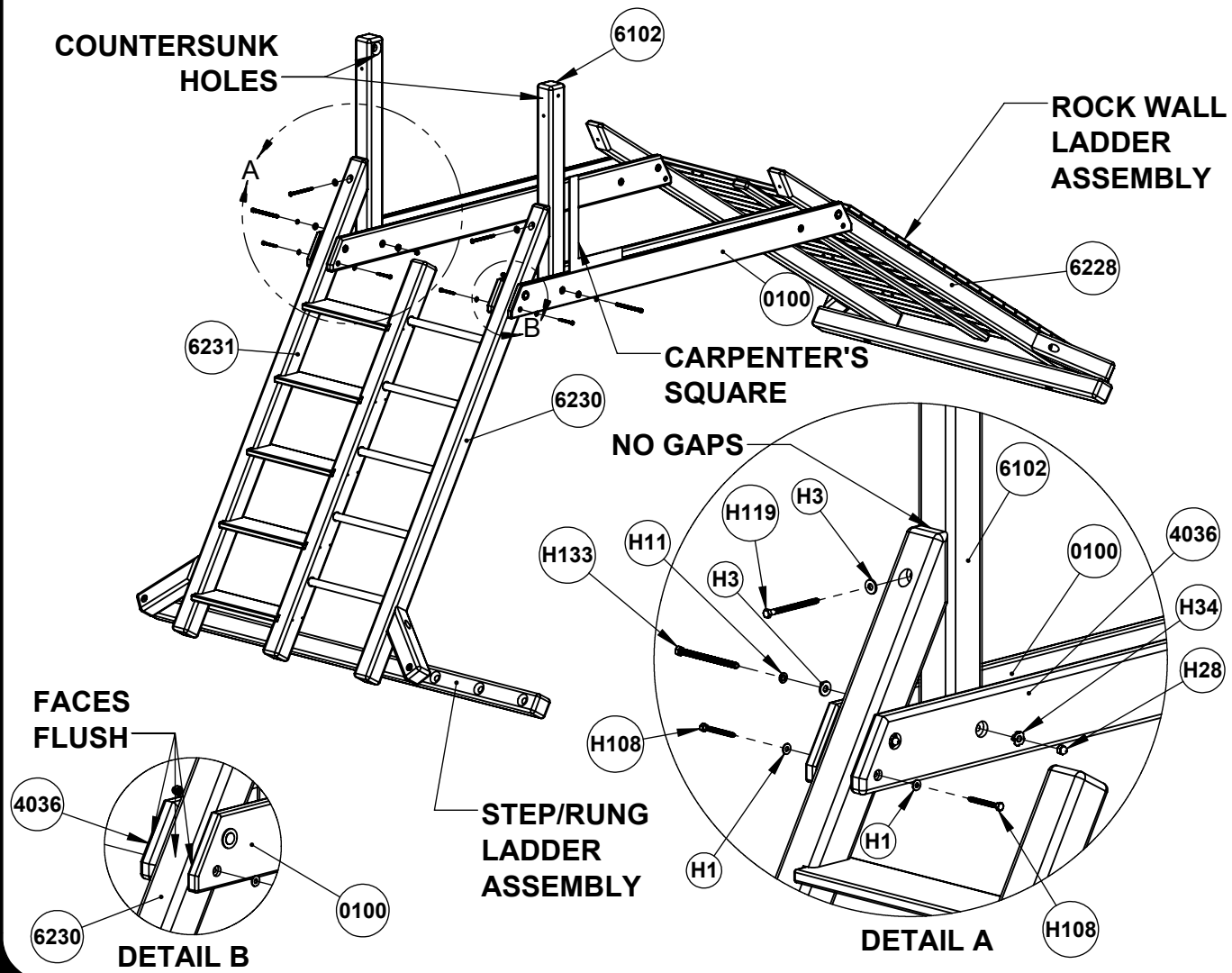


Step 10

Main Beam, Facia and Ladder Assembly

***NOTE: This step requires two or more people to complete.**
***NOTE: For ease of assembly, have all required parts and hardware in close proximity.**
***NOTE: Pre-drill holes for all Lag Bolts with the appropriate drill bit.**
***NOTE: Do not fully tighten hardware at this time.**
***NOTE: 3/8" Hardware (H28) is shown but will not be installed until Step 12.**

1. Pick up the Step/Rung Ladder assembly so the outside faces of the Ladder Legs **(6230) (6231)** are flush with the angled faces of Angled Facias **(0100)** and Main Beams **(4036)** (as shown in Detail B).
2. Position Corner Uprights **(6102)** between Main Beams and Angled Facias with countersunk holes facing one another, and attach to Facias and Main Beam using 3/8" Hardware **(H3) (H11) (H34) (H133)** (as shown in Detail A).
   ***NOTE: Use a carpenter's square to ensure Corner Uprights (6102) are square with Facias and Main Beams.**
3. Finish securing the Ladder assembly by attaching Ladder Legs **(6230) (6231)** to Facias, Main Beams and Corner Uprights using 1/4" Hardware **(H1)**, 5/16" Hardware **(H108)** and 3/8" Hardware **(H3) (H119)** (as shown in Detail A). Gaps between Corner Uprights **(6102)** and Ladder Legs should be minimal.
4. Repeat parts 1 through 3 for the Rock Wall Ladder assembly.



Step 11

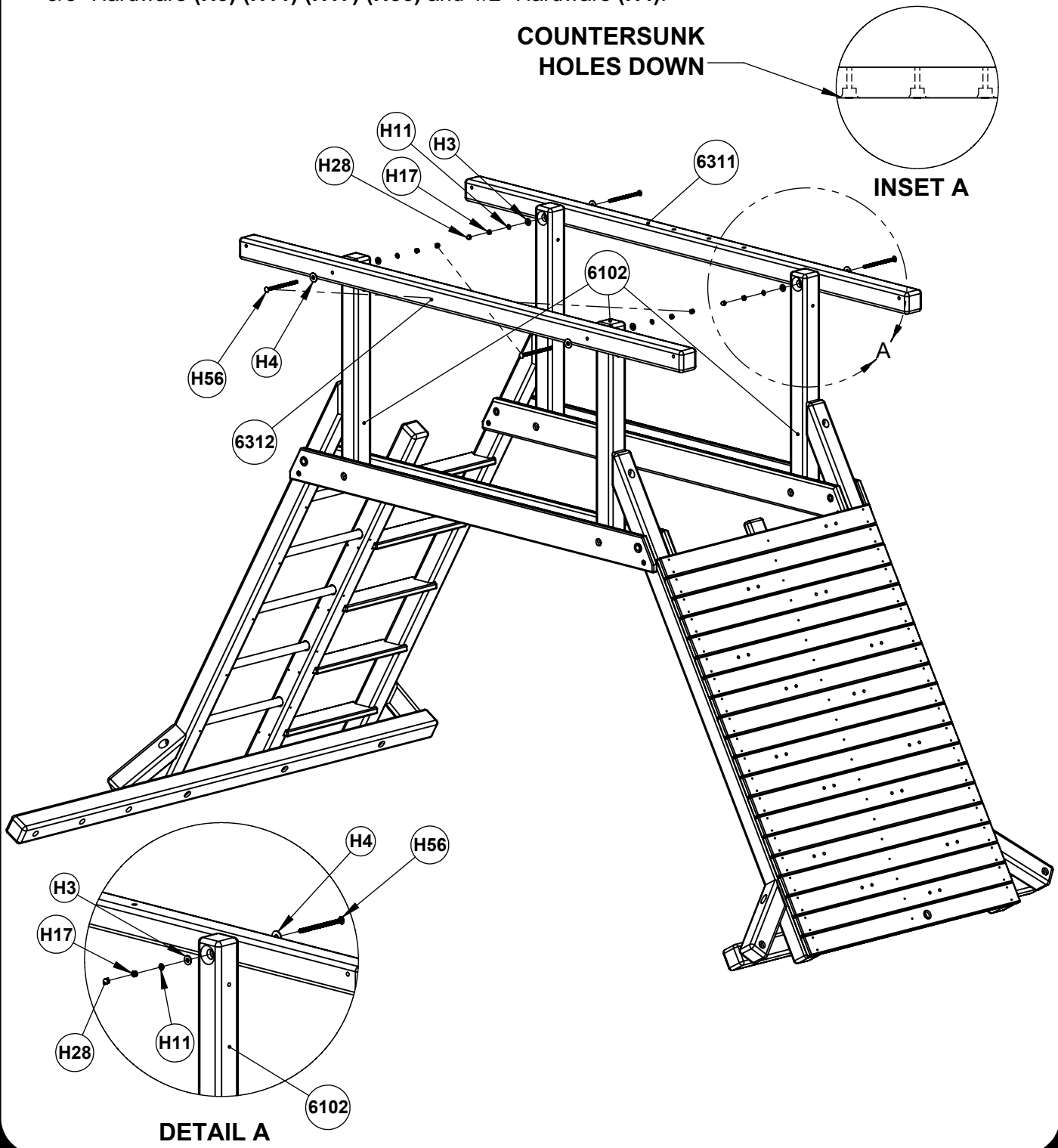
Top Joist Installation

***NOTE: Do not fully tighten hardware at this time.**

***NOTE: 3/8" Hardware (H28) is shown, but will not be installed until Step 12.**

***NOTE: The countersunk holes in Top Joists w/Swing Holes (6311) must face down (as shown in Inset A).**

1. Attach Top Joist **(6312)** and Top Joist w/Swing Holes **(6311)** to Corner Posts **(6102)** using 3/8" Hardware **(H3) (H11) (H17) (H56)** and 1/2" Hardware **(H4)**.



Step 12

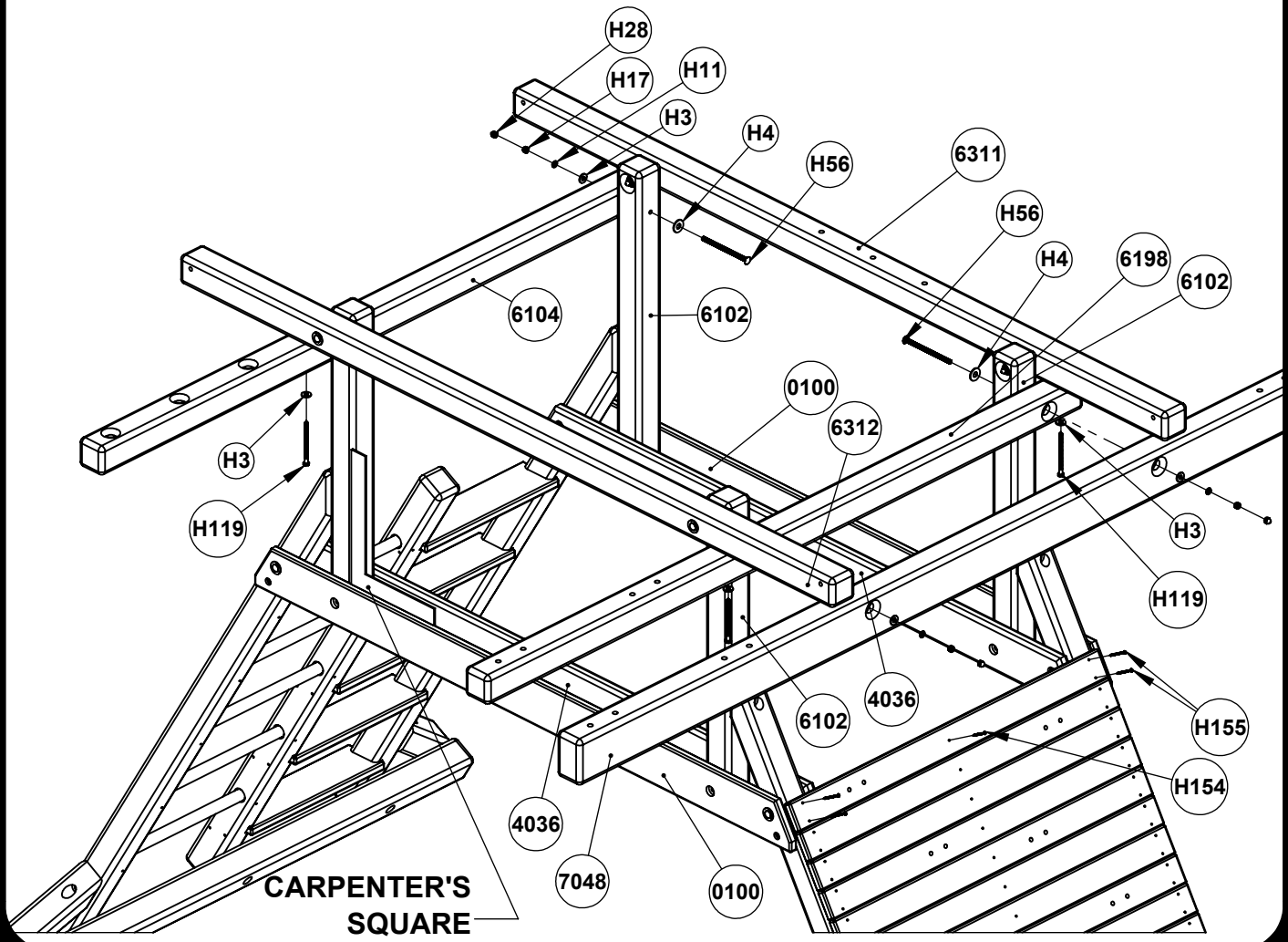
Accessory Arm and Upper Rope Arm Installation

***NOTE: If attaching Monkey Bar, Accessory Arm (6111) must be cut to specified length. See Step 14.**

***NOTE: Do not fully tighten hardware at this time.**

***NOTE: Pre-drill holes for all Lag Bolts with the appropriate drill bit.**

1. Attach Upper Rope Arm **(6104)** to Corner Uprights **(6102)** using 3/8" Hardware **(H3) (H11) (H17) (H56)** and 1/2" Hardware **(H4)**. Upper Rope Arm **(6104)** must be on the side with Lower Rope Runner **(6083)**.
2. Attach Accessory Arm **(6198)** or Double Swing Arm **(7048)** to Corner Uprights **(6102)** using 3/8" Hardware **(H3) (H11) (H17) (H56)** and 1/2" Hardware **(H4)**.
3. Use a carpenter's square to verify that Corner Uprights **(6102)**, Main Beams **(4036)**, Angled Facias **(0100)**, Top Joists **(6311) (6312)**, Upper Rope Arm **(6104)** and Accessory Arm **(6198)** are all square with one another. Loosen hardware to adjust as needed.
4. Tighten all hardware from this step and the previous steps.
5. Attach Accessory Arm **(6198)** and Upper Rope Arm **(6104)** to Top Joists **(6311) (6312)** using 3/8" Hardware **(H3) (H119)**.
   ***NOTE: Double Swing Arm (7048) will not be attached using 3/8" Hardware (H3) (H119).**
6. Attach 3/8" Hardware **(H28)** to hardware in Steps 9-12, if threads permit.
7. Attach final Rock Wall Board to Rock Wall Legs using #8 Hardware **(H154) (H155)**.



Step 13

Slim Bracket and Swing Hanger Installation

***NOTE: If installing Monkey Bar, Right Slim Bracket (6107) will not be used.**

1. Attach Right Slim Bracket **(6107)** underneath Accessory Arm **(6198)** and against Corner Post **(6102)** using 3/8" Hardware **(H3) (H116)**.

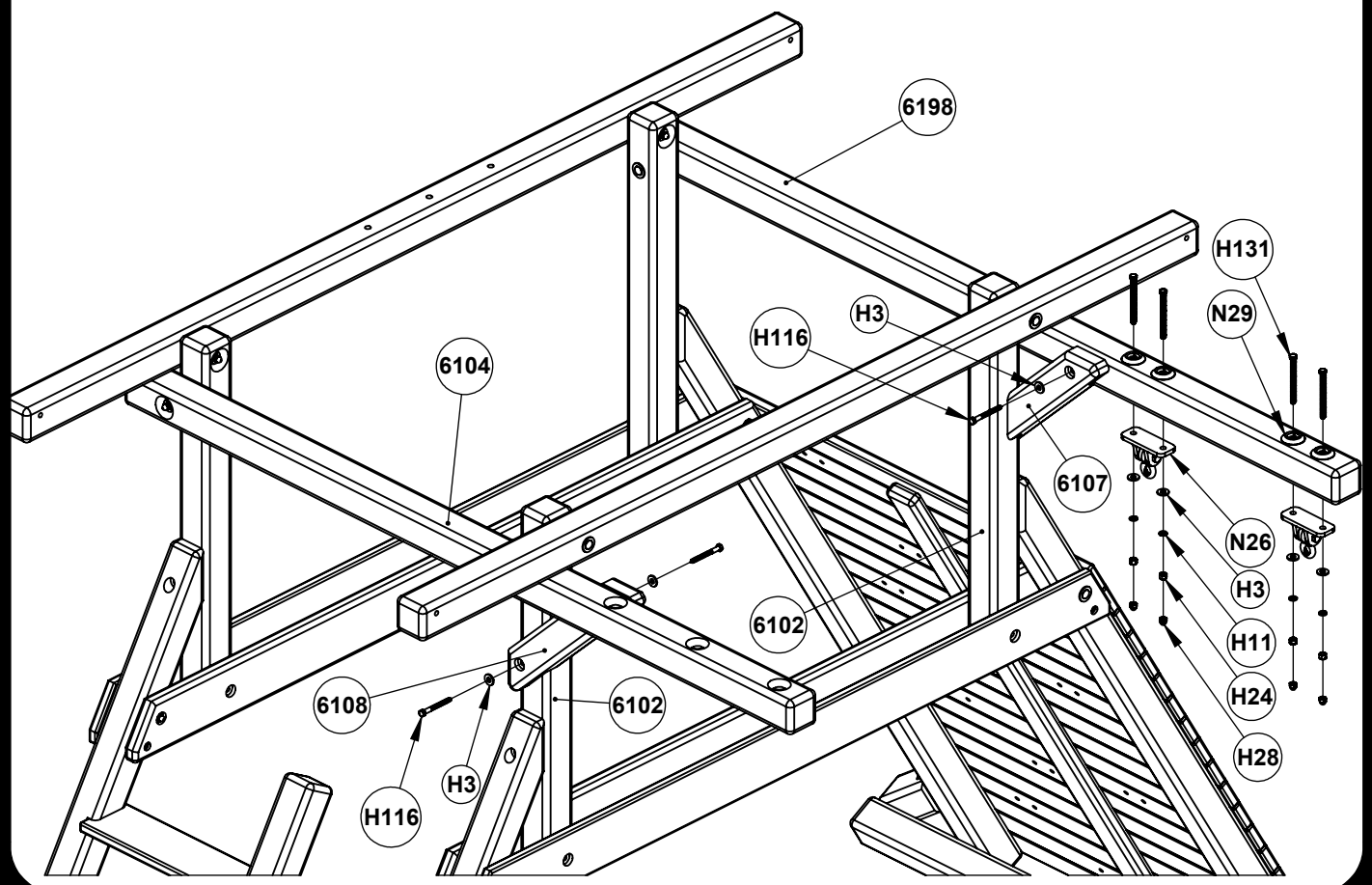
   ***NOTE: If installing Scoop Slide, do not install Left Slim Bracket (6108) until after Slide is installed.**

2. Attach Left Slim Bracket **(6108)** underneath Upper Rope Arm **(6104)** and against Corner Post **(6102)** using 3/8" Hardware **(H3) (H116)**.

   ***NOTE: Slim Brackets, Corner Posts, Upper Rope Arm and Accessory Arm should have minimal gaps between surfaces.**

3. Attach Swing Hangers **(N26)** to Accessory Arm **(6198)** using 3/8" Hardware **(H3) (H11) (H24) (H28) (H131)** and 3/8" Bolt Cup **(N29)**.

   ***SUGGESTION: Use a box wrench or locking pliers to hold on to Hex Head Bolts (H131).**



Step 14

Accessory Arm Modification

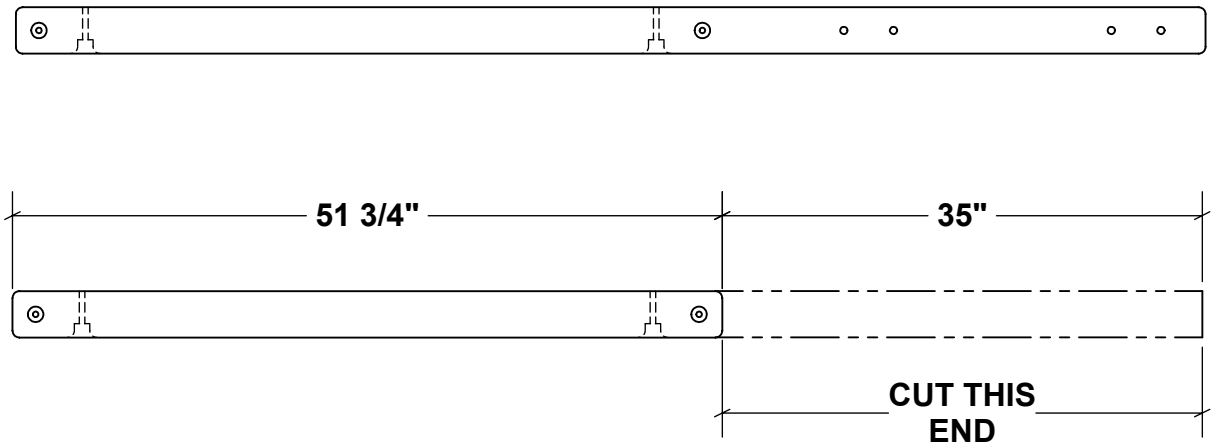
***NOTE: Modify Accessory Arm as shown if installing Monkey Bar.**
***NOTE: Be sure proper end is cut as specified in the diagrams below.**

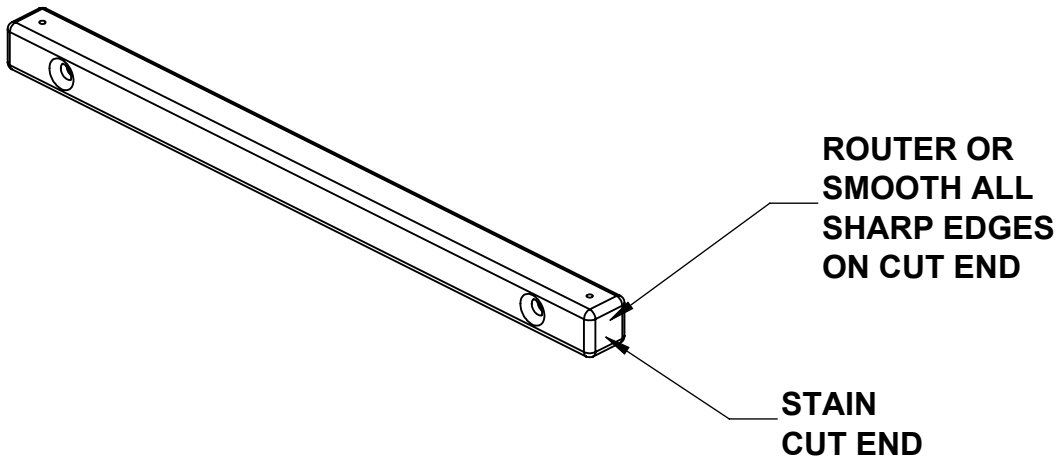
1. Cut **35"** off of the outer end of Accessory Arm **(6198)** (as shown).

2. Router all sharp edges of cut end of Accessory Arm **(6198)**.

3. Stain cut end of Accessory Arm with a non-toxic water sealant intended for outdoor use.

***NOTE: Install as described in Step 12.**





Step 15

Deck Installation

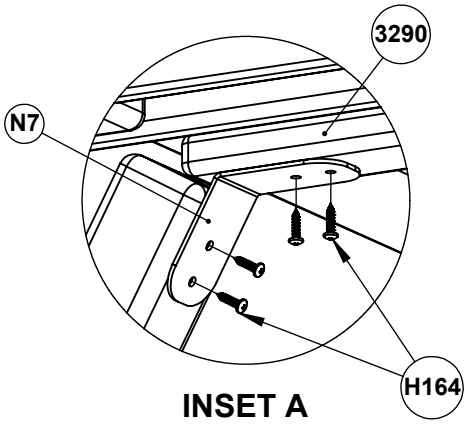
1. Place all Deck Boards **(0101) (0102) (9192)** across the Main Beams **(4036)** in the order shown and space Deck Boards out evenly. Pre-drilled holes should line up in the center of the Main Beams **(4036)**.

2. Attach Deck Boards **(0101) (0102) (9192)** to Main Beams **(4036)** using #8 Hardware **(H154)**.

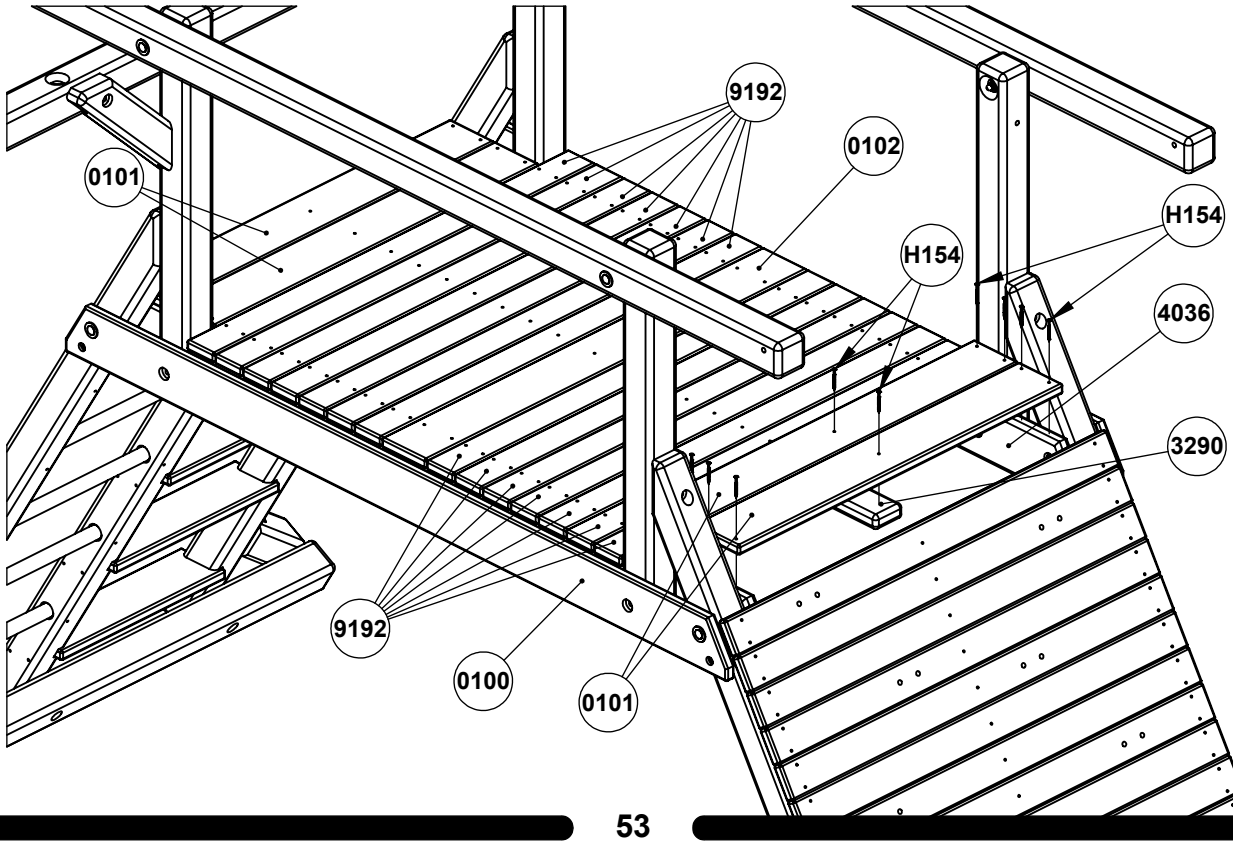
3. Center Deck Runner **(3290)** under middle holes in Deck Boards and attach Runner using #8 Hardware **(H154)**.

4. Attach 120° Ladder Bracket **(N7)** to Deck Runner **(3290)** and Middle Step/Rung Leg using #14 Hardware **(H164)** (as shown in Inset A).

***NOTE: Accessory Arm (6198) removed for clarity of view.**



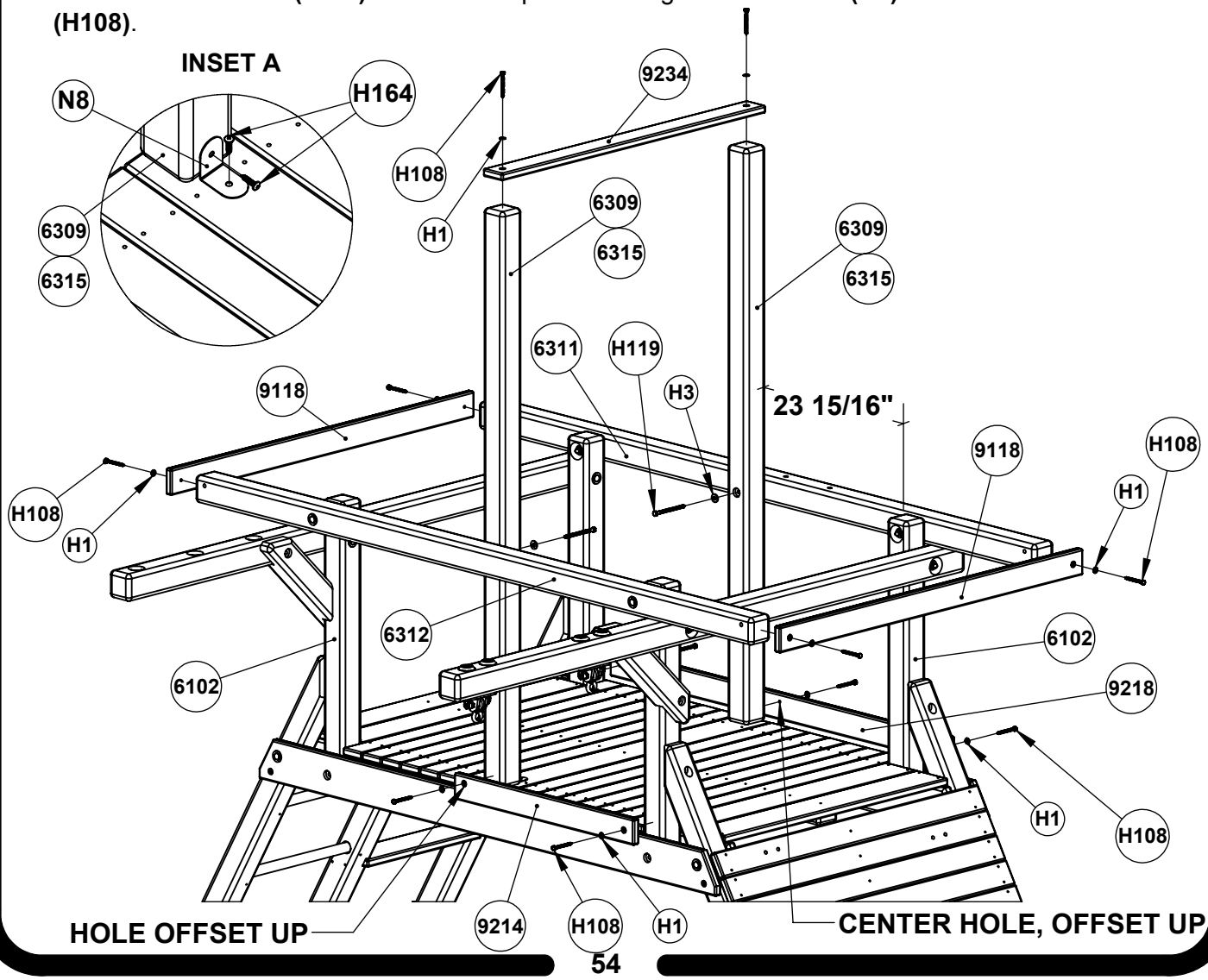
INSET A



Step 16

Facia & Center Post Installation

1. Position Front Facia **(9214)** and 3 Hole Facia **(9218)** on top of Angled Facias **(0100)**. Attach Facias to Corner Uprights **(6102)** using 1/4" Hardware **(H1)** and 5/16" Hardware **(H108)**.
   ***NOTE: Be sure that holes in Facias are offset up (as shown).**
   ***NOTE: May need to drill a 3/4" dia. x 1/4" deep counter bore on holes on back of Facia (9214) if Facia is installed in a way not shown.**
2. Position Center Posts **(6309) (6315)** against Top Joists **(6311) (6312)** and attach using 3/8" Hardware **(H3) (H119)**. Distance between Center Posts and Corner Uprights **(6102)** should measure **23 15/16"** when properly installed.
   ***NOTE: Center Posts (6315) will be installed if installing the Wood Roof.**
3. Finish attaching Center Posts **(6309) (6315)** through Facias **(9214) (9218)** using 1/4" Hardware **(H1)** and 5/16" Hardware **(H108)**.
4. On back of Center Post **(6309) (6315)** position 90° Bracket **(N8)** down on Deck. Attach using #14 Hardware **(H164)** (as shown in Inset A).
   ***NOTE: If installing Wood Roof, do not install Tarp Board (9234) or 2 Hole Facias (9118) in #'s 5 & 6.**
5. Attach Tarp Board **(9234)** to the top of Center Uprights **(6309)** using 1/4" Hardware **(H1)** and 5/16" Hardware **(H108)**.
6. Attach 2 Hole Facias **(9118)** to ends of Top Joists using 1/4" Hardware **(H1)** and 5/16" Hardware **(H108)**.



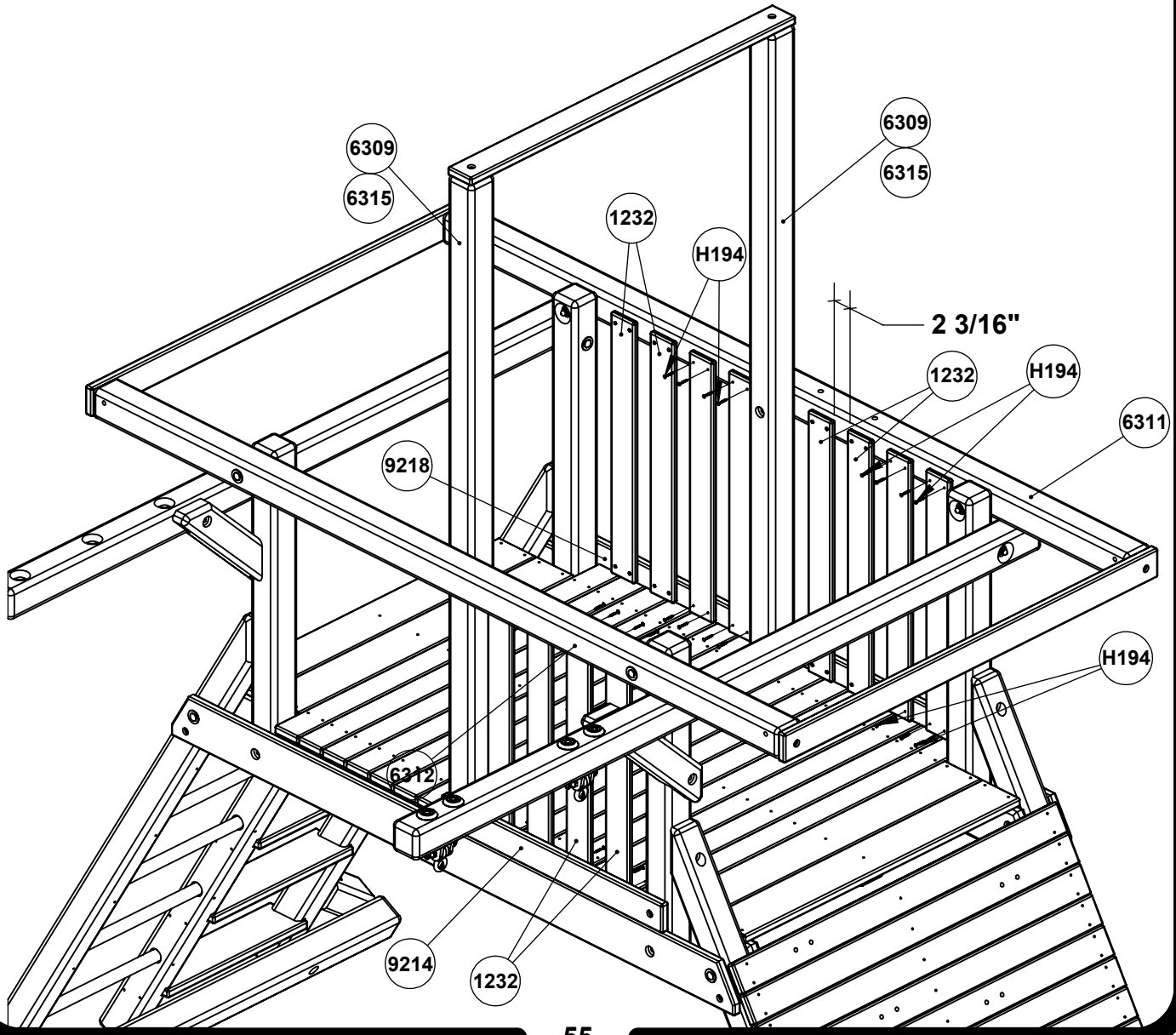
Step 17

Rail Upright Installation

***NOTE: If installing Bubble Window, Tic Tac Toe, Monkey Bar, Dual Swing Beam, Fire Pole or Coil Climber do not install Rail Uprights in that opening.**

1. Evenly space Rail Uprights **(1232)** across Top Joists **(6311) (6312)**, 3 Hole Facia **(9281)** and Front Facia **(9214)**. Attach Rail Uprights using #8 Hardware **(H194)**.

***NOTE: Spacing between Rail Uprights should measure approximately 2 3/16" when properly installed.**

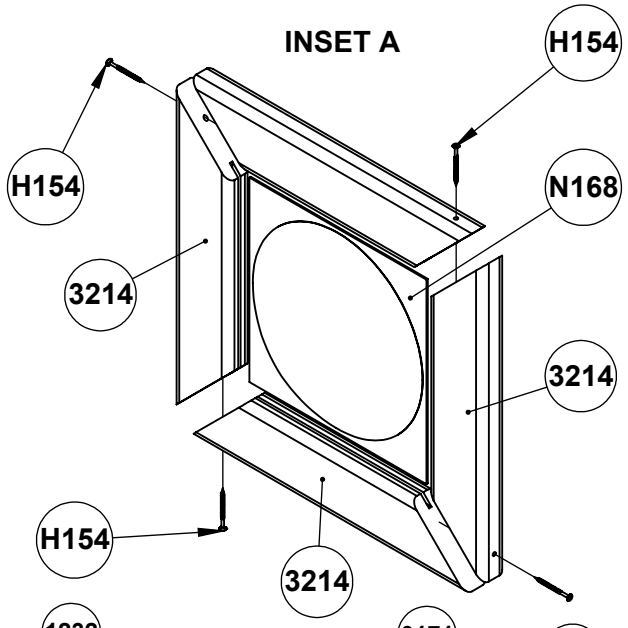


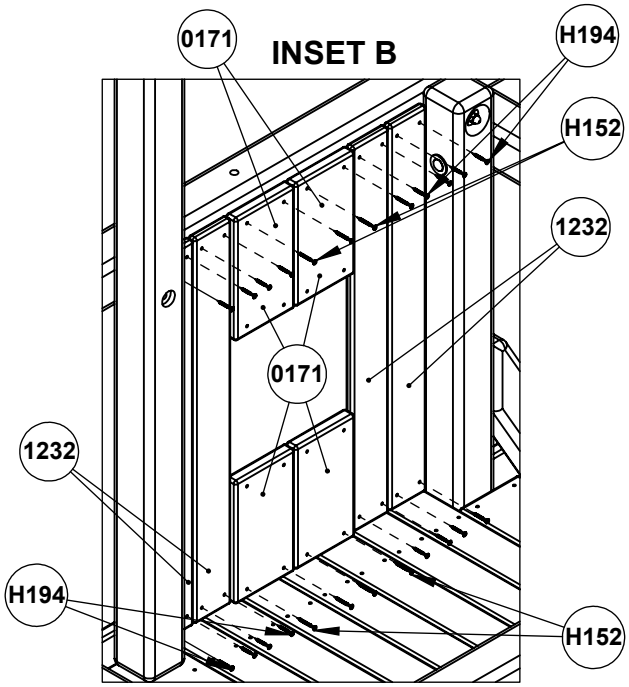
Step 18

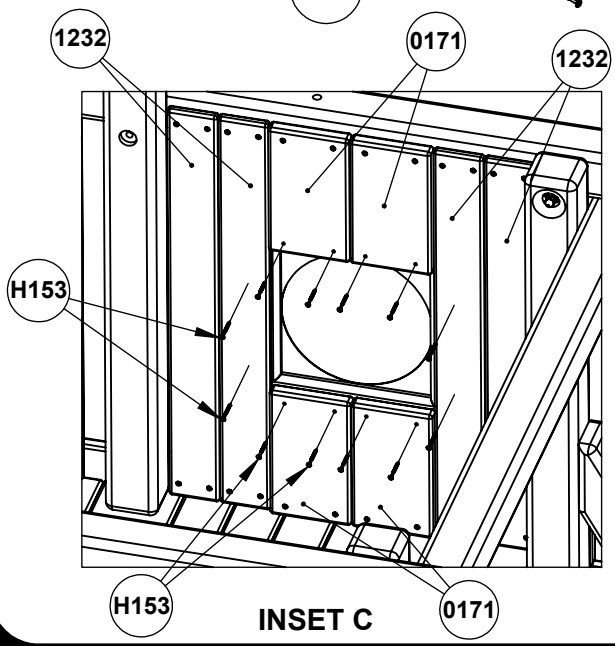
Bubble Window Installation

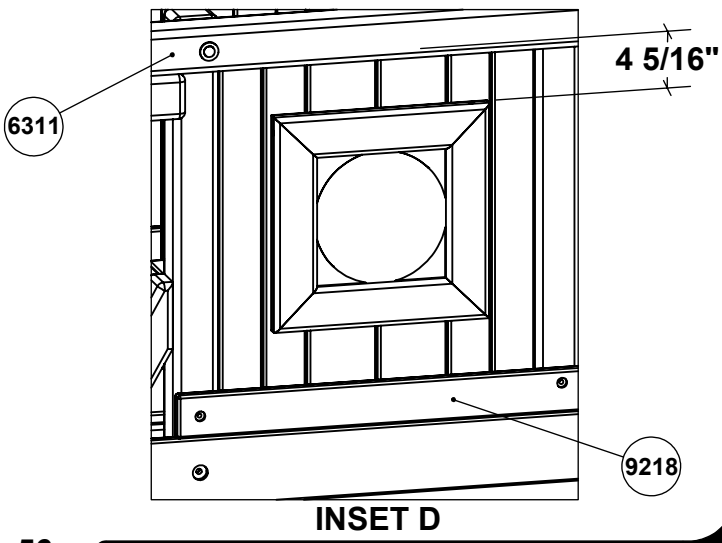
***NOTE: If not installing Bubble Window, skip to next Step.**

1. On a flat surface lay out Bubble Window Frames **(3214)** and insert Small Bubble Panel **(N168)** in notches in Bubble Window Frames (as shown in Inset A). Line up corners of Frames and attach together using #8 Hardware **(H154)**.
2. Evenly space Rail Uprights **(1232)** and Bubble Window Uprights **(0171)** across Top Joist and Facia. Attach Uprights using #8 Hardware **(H152) (H194)** (as shown in Inset B).
   ***NOTE: Tops of Upper Bubble Window Uprights (0171) will be flush with tops of Rail Uprights (1232) when properly installed.**
3. Have a helper center assembled Bubble Window Frame against Rail Uprights **(1232)** and Bubble Window Uprights **(0171)** and attach using #8 Hardware **(H153)**.
   ***NOTE: Assembled Frame will measure 4 5/16" down from bottom of Top Joist when properly installed (as shown in Inset D).**







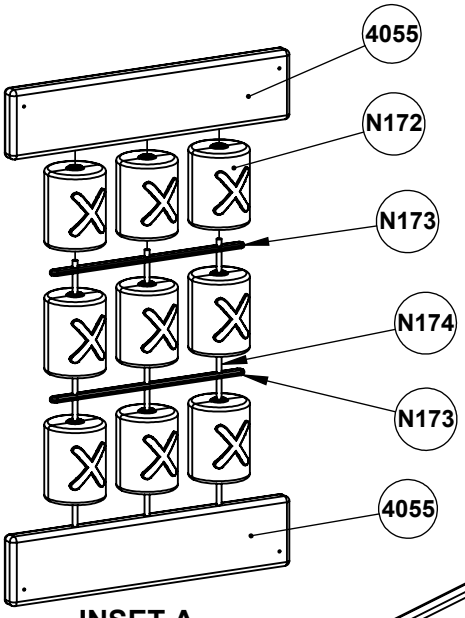


Step 19

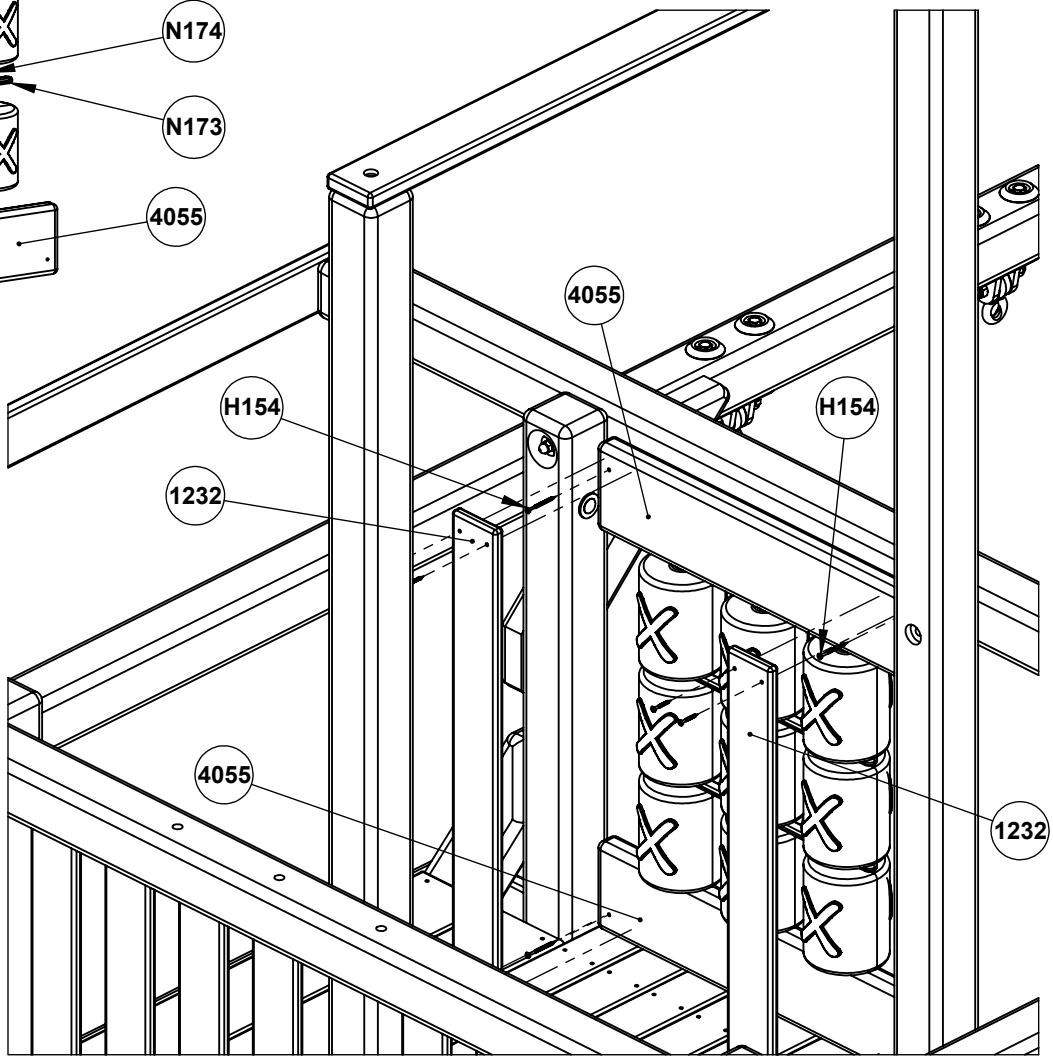
Tic Tac Toe Installation

***NOTE: If not installing Tic Tac Toe, skip to next Step.**

1. Insert the three Tic Tac Toe Rods **(N174)** into the Tic Tac Toe Bottom **(4055)** (as shown in Inset A).
2. Continue Tic Tac Toe assembly by placing three Tic Tac Toe Cylinders **(N172)** on the Tic Tac Toe Rods **(N174)** followed by a Tic Tac Toe Spacer **(N173)**.
3. Place the rest of the Tic Tac Toe Cylinders **(N172)** and the Tic Tac Toe Spacer **(N173)** on the Tic Tac Toe Rods **(N174)** followed by the Tic Tac Toe Top **(4055)**.
4. Position the assembly directly on the Deck, centered between the Uprights and attach the assembly using #8 Hardware **(H154)**.
5. Position the two Rail uprights **(1232)** against the Tic Tac Toe assembly and attach using #8 Hardware **(H152)**.



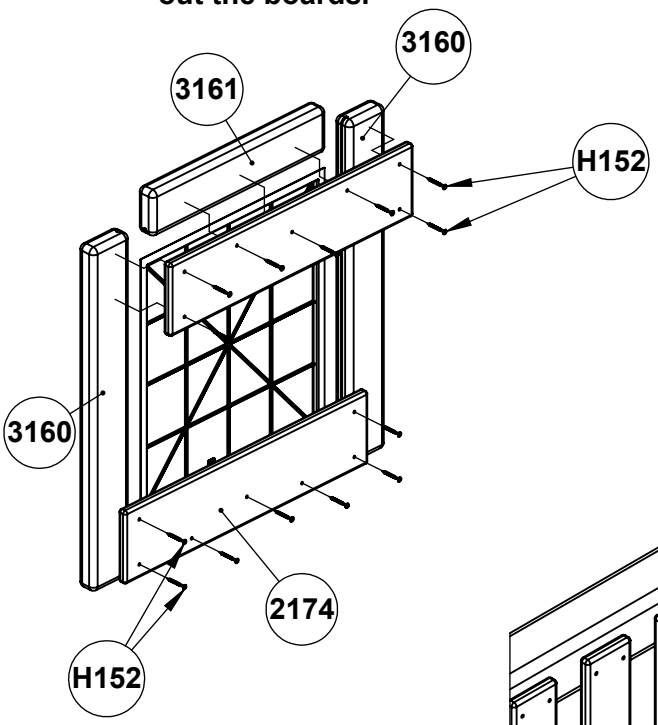
INSET A

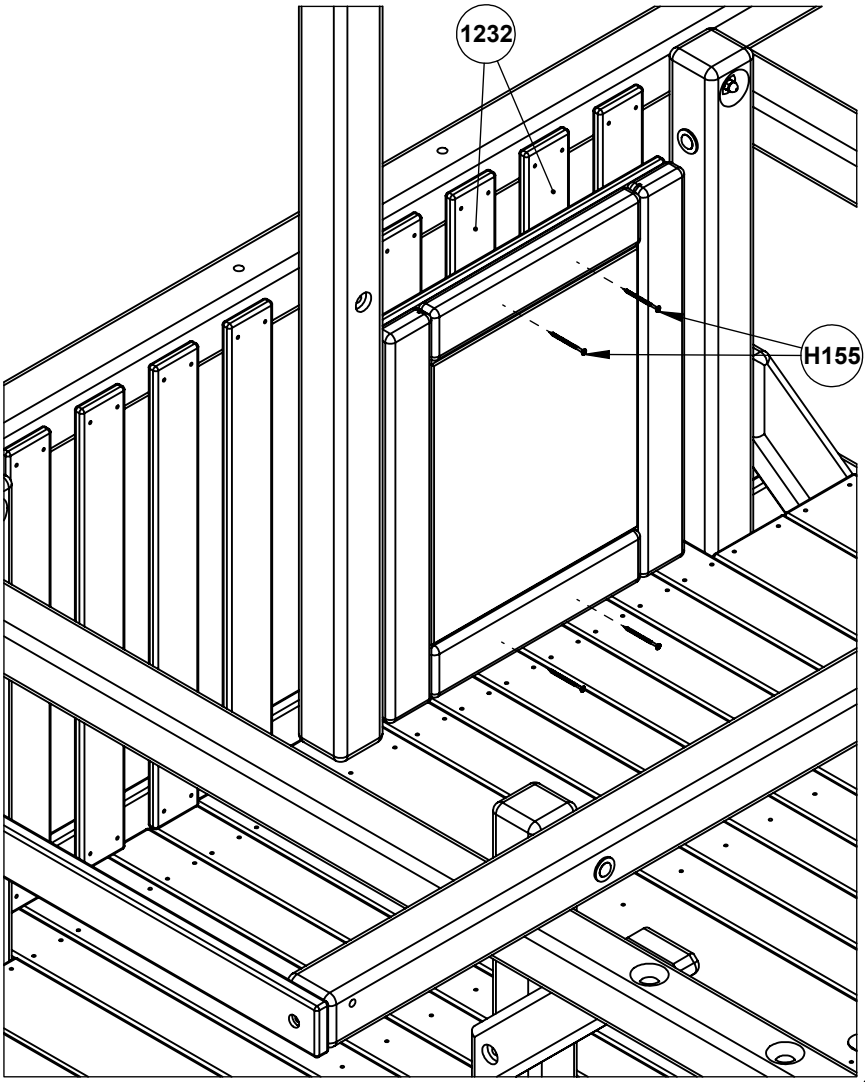


Step 20

Chalkboard Installation

1. Position Chalkboard Top/Bottoms **(3161)** and Chalkboard Sides **(3160)** around Chalkboard **(N181)**, and slide Chalkboard into the grooves in Chalkboard Top/Bottoms **(3161)** and Chalkboard Sides **(3160)**.
   ***NOTE: Be sure that Chalkboard is oriented as shown and fits snugly, without gaps, inside Chalkboard Top/Bottoms and Chalkboard Sides.**
2. On the back side of Chalkboard, center Chalkboard Runners **(2174)** on Chalkboard Top/Bottoms and Sides and attach using #8 Hardware **(H152)**. Check to make sure assembly is square before attaching Chalkboard Runners **(2174)**.
   ***NOTE: Chalkboard assembly may be positioned anywhere on deck as long as it can be attached to Rail Uprights (1232) using four #8 Hardware (H155).**
3. Place Chalkboard assembly directly on deck and attach to Rail Uprights **(1232)** using #8 Hardware **(H155)**.
   ***NOTE: A 1/8" drill bit may be used to pre-drill holes for the #8 Hardware to avoid splitting out the boards.**



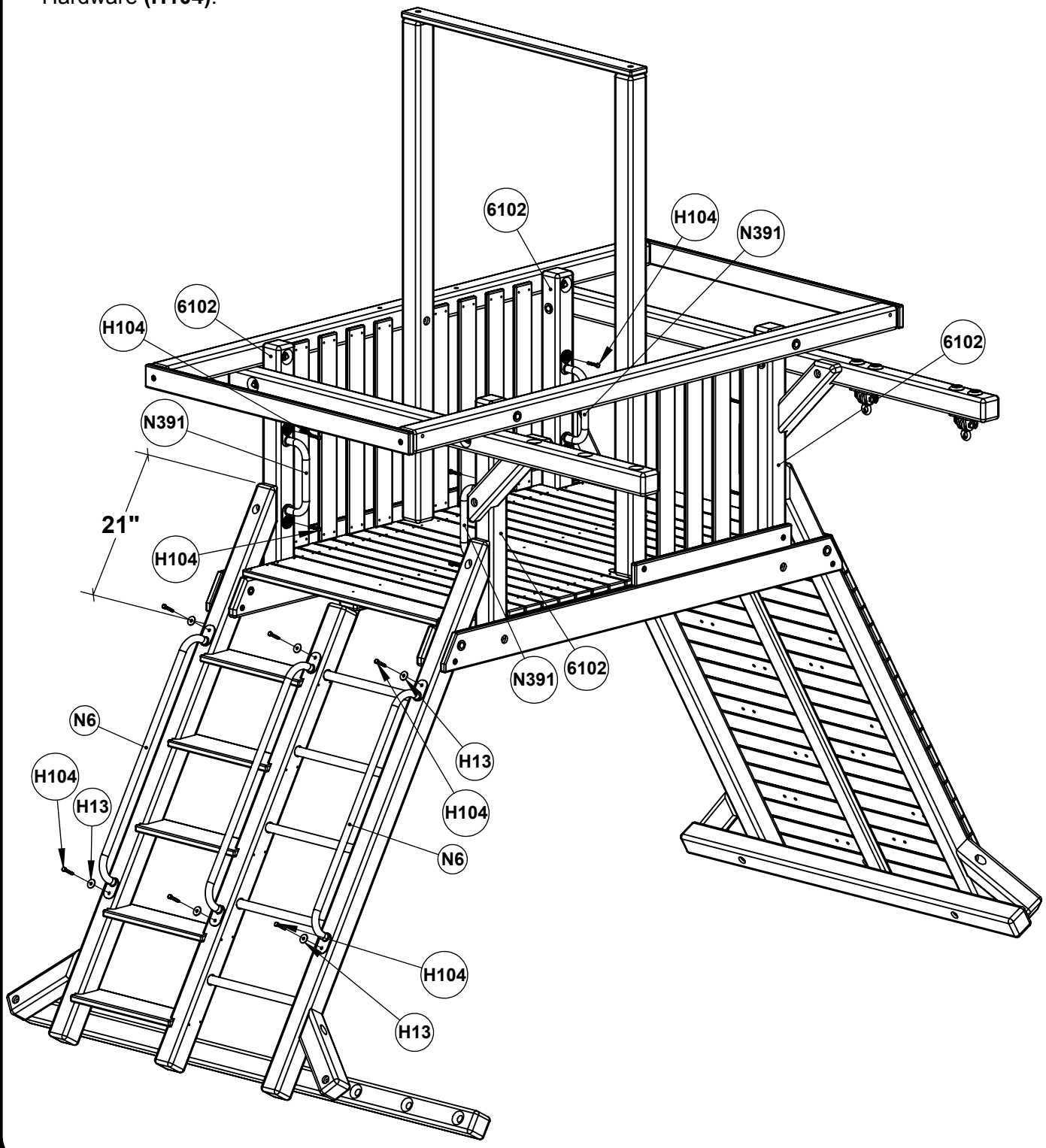


Step 21

Safety & Ladder Handle Installation

1. Position Ladder Handles **(N6)**, approximately **21"** down from tops of Ladder Legs, on Step/Rung Ladder Legs and attach using 5/16" Hardware **(H104)** and 3/8" Hardware **(H13)**.

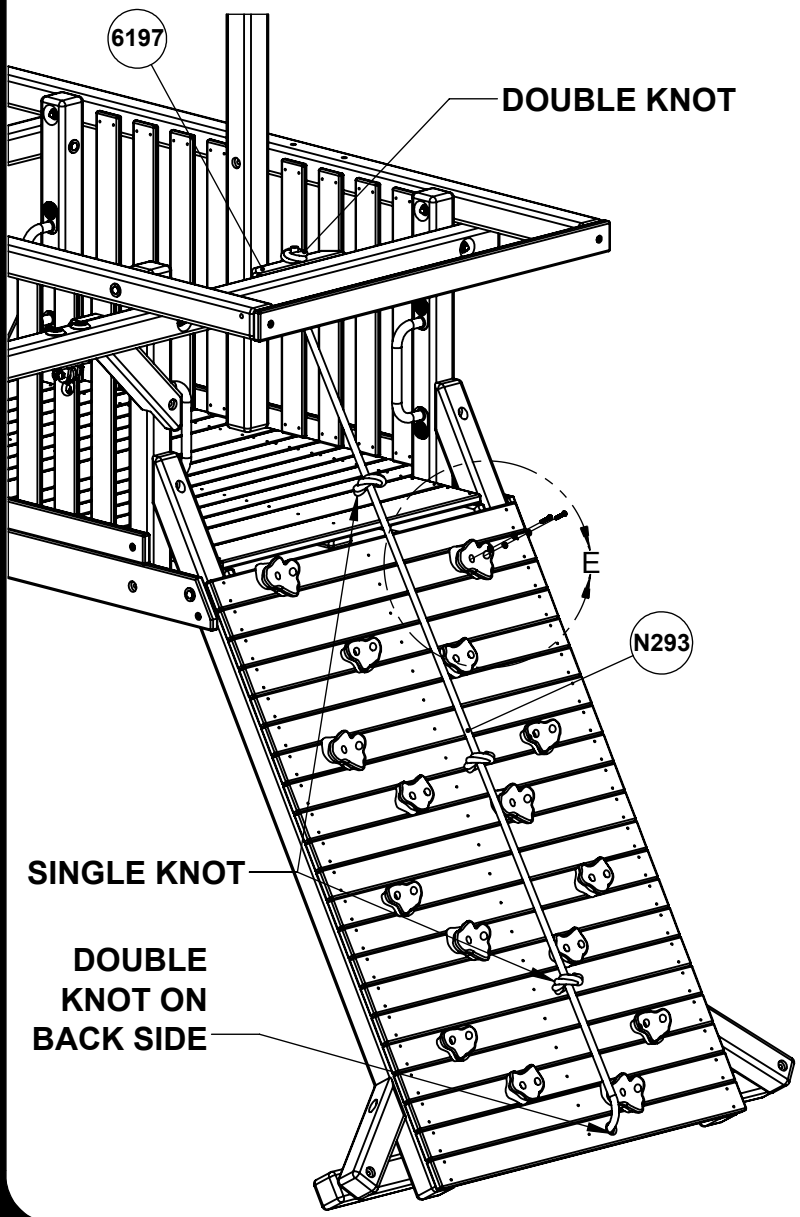
2. Center Safety Handles **(N391)** in openings, on Corner Uprights **(6102)**, and attach using 5/16" Hardware **(H104)**.

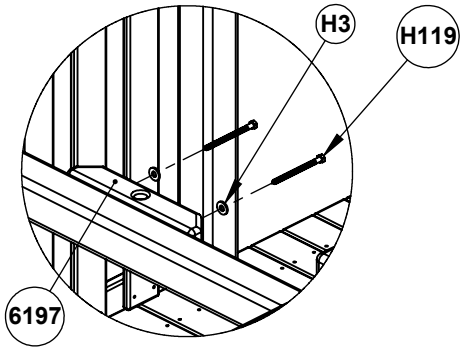


Step 22

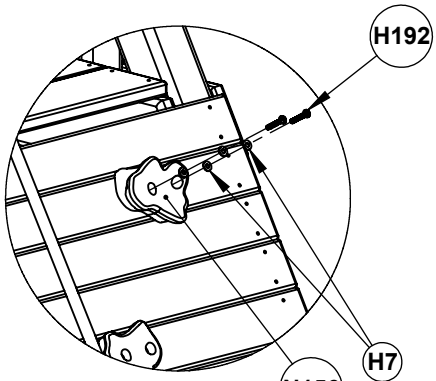
Rock & Rock Wall Rope Installation

1. Attach Rocks **(N156)** to Rock Wall Boards using 1/4" Hardware **(H7) (H192)** and 1/4" T-Nuts **(N32)** that were installed in a previous Step.
   ***WARNING: TO PREVENT THE RISK OF STRANGULATION, THREE KNOTS MUST BE TIED IN ROPE AND ROPE MUST BE SECURE AT BOTH ENDS. ROPE MUST BE TIGHT ENOUGH THAT IT CANNOT BE LOOPED BACK ON ITSELF, AND NO MORE THAN 12" OF ROPE SHOULD BE LEFT AFTER TYING DOUBLE KNOTS AT THE TOP AND BOTTOM OF THE ROPE.**
2. Position Rope Block **(6197)** in the middle of the Accessory Arm or Upper Rope Arm and attach (as shown in Inset A) using 3/8" Hardware **(H3) (H119)**.
3. Thread 12' Rope **(N293)** up through the Rope Block **(6197)** and tie a double knot.
4. Tie three single knots evenly spaced along the Rope **(N293)**.
5. Thread Rope through Rock Wall Board w/Rope Hole and tie a double knot on the backside.

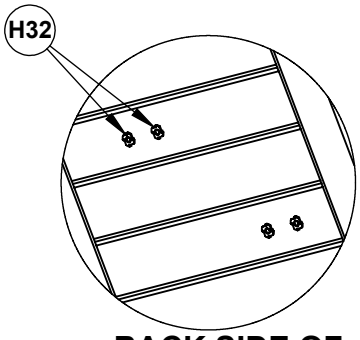




INSET A



DETAIL A



BACK SIDE OF ROCK WALL

Step 23

3-Chain Tire Installation

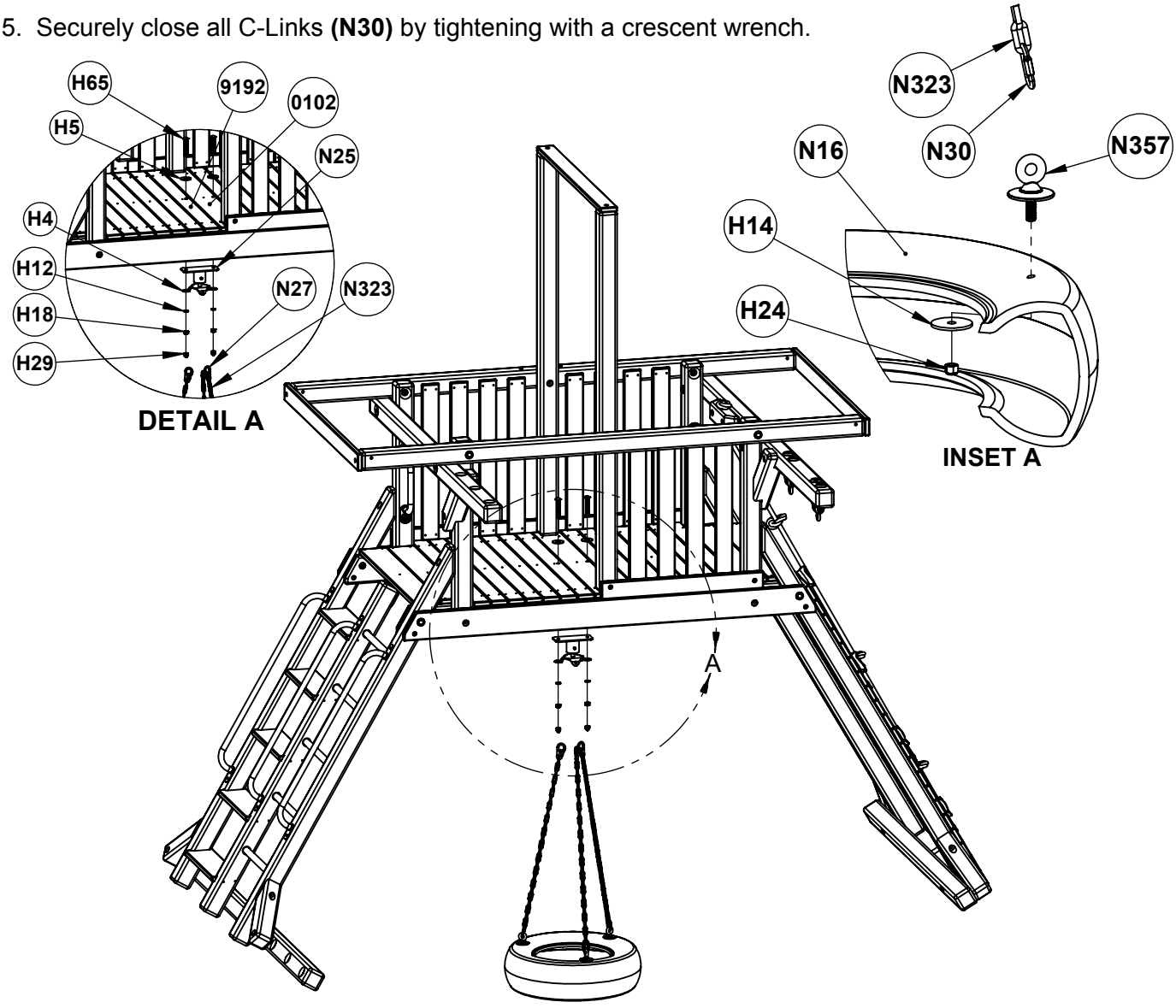
1. Center Tire Swivel **(N25)** on the middle Deck Boards **(9192) (0102)** and mark the location of the mounting holes. The holes should hit towards the middle of the Deck Boards **(9192) (0102)**. Drill through Deck Boards & Deck Runner, on previously made marks, using a 9/16" drill bit.
   ***NOTE: If needed, remove previously installed screw for Deck Runner, to avoid hitting screw when drilling. Drill slowly through boards to avoid drilling blow outs.**

2. Attach the Tire Swivel **(N25)** through Deck Boards and Deck Runner using 1/2" Hardware **(H4) (H12) (H18) (H29) (H65)** and 3/4" Hardware **(H5)**.

3. Install 3/8" Hardware **(N357) (H14) (H24)** in Tire **(N16)** using pre-drilled holes (as shown in Inset A). Attach Tire **(N16)** to Dipped Short Chains **(N323)** using C-Links **(N30)**.

4. Attach Spring Clips **(N27)** to Dipped Short Chains **(N323)**. Hook Spring Clips **(N27)** to Tire Swivel **(N25)**.

5. Securely close all C-Links **(N30)** by tightening with a crescent wrench.



Step 24

Jacobs Rope Installation

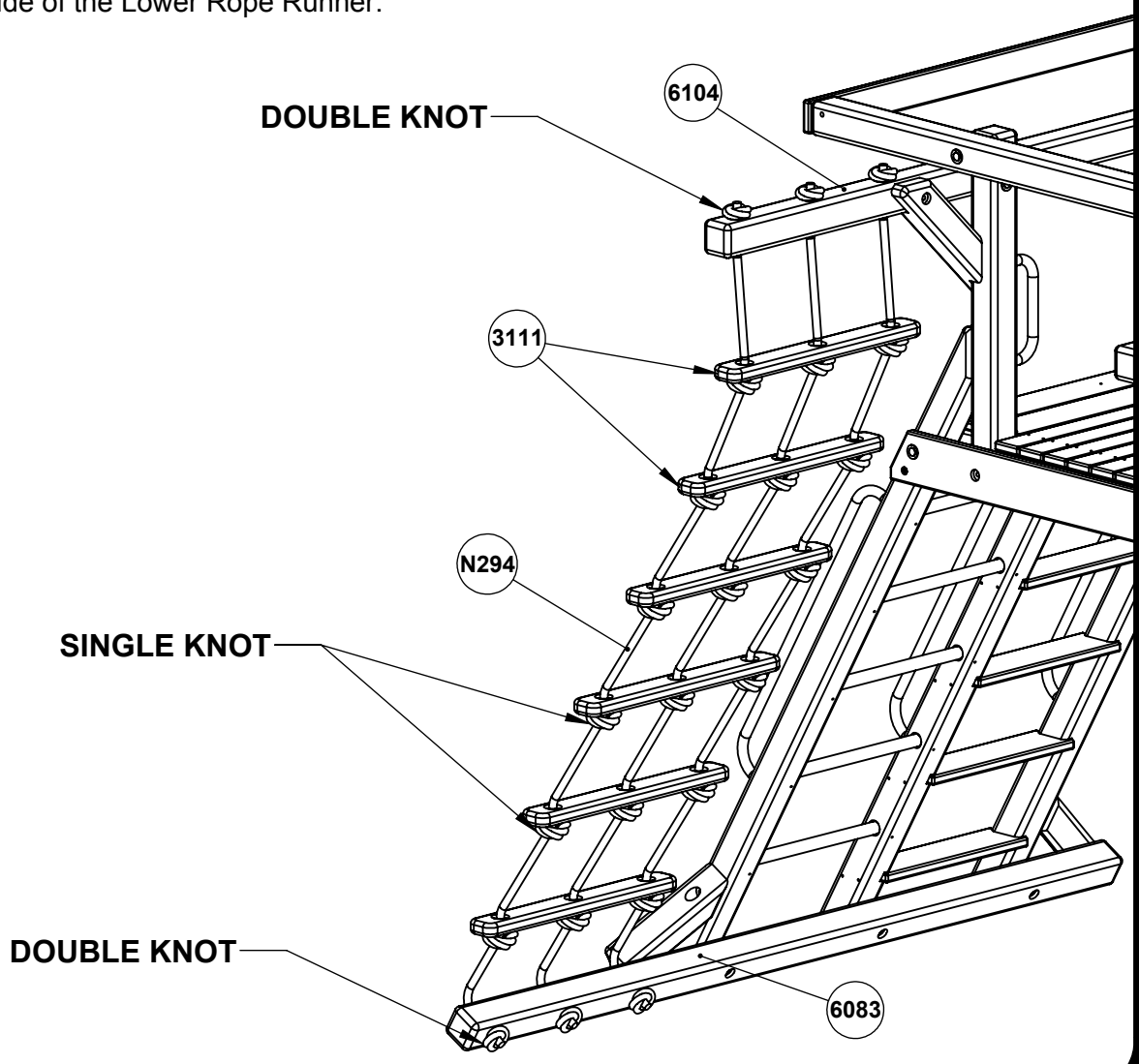
***WARNING: TO PREVENT THE RISK OF STRANGULATION, KNOTS MUST BE TIED IN ROPE AND ROPE MUST BE SECURE AT BOTH ENDS. ROPE MUST BE TIGHT ENOUGH THAT IT CANNOT BE LOOPED BACK ON ITSELF, AND NO MORE THAN 12" OF ROPE SHOULD BE LEFT AFTER TYING DOUBLE KNOTS AT THE TOP AND BOTTOM OF THE ROPE.**

1. Thread 14' Ropes **(N294)** up through the bottom of the Upper Rope Arm **(6104)** and tie a double knot.

2. Slide one Rope Rung **(3111)** up on Ropes **(N294)** with approximately **11" - 12"** between the bottom of the Upper Rope Arm **(6104)** and the top of the Rope Rung **(3111)**. Tie a single knot on each Rope directly below the Rope Rung.

3. Repeat part 2 for the five remaining Rope Rungs **(3111)**. Rope Rungs should be spaced approximately **11" - 12"** apart.

4. Thread Ropes **(N294)** through the Lower Rope Runner **(6083)** and pull Ropes tight. Tie a double knot on the back side of the Lower Rope Runner.

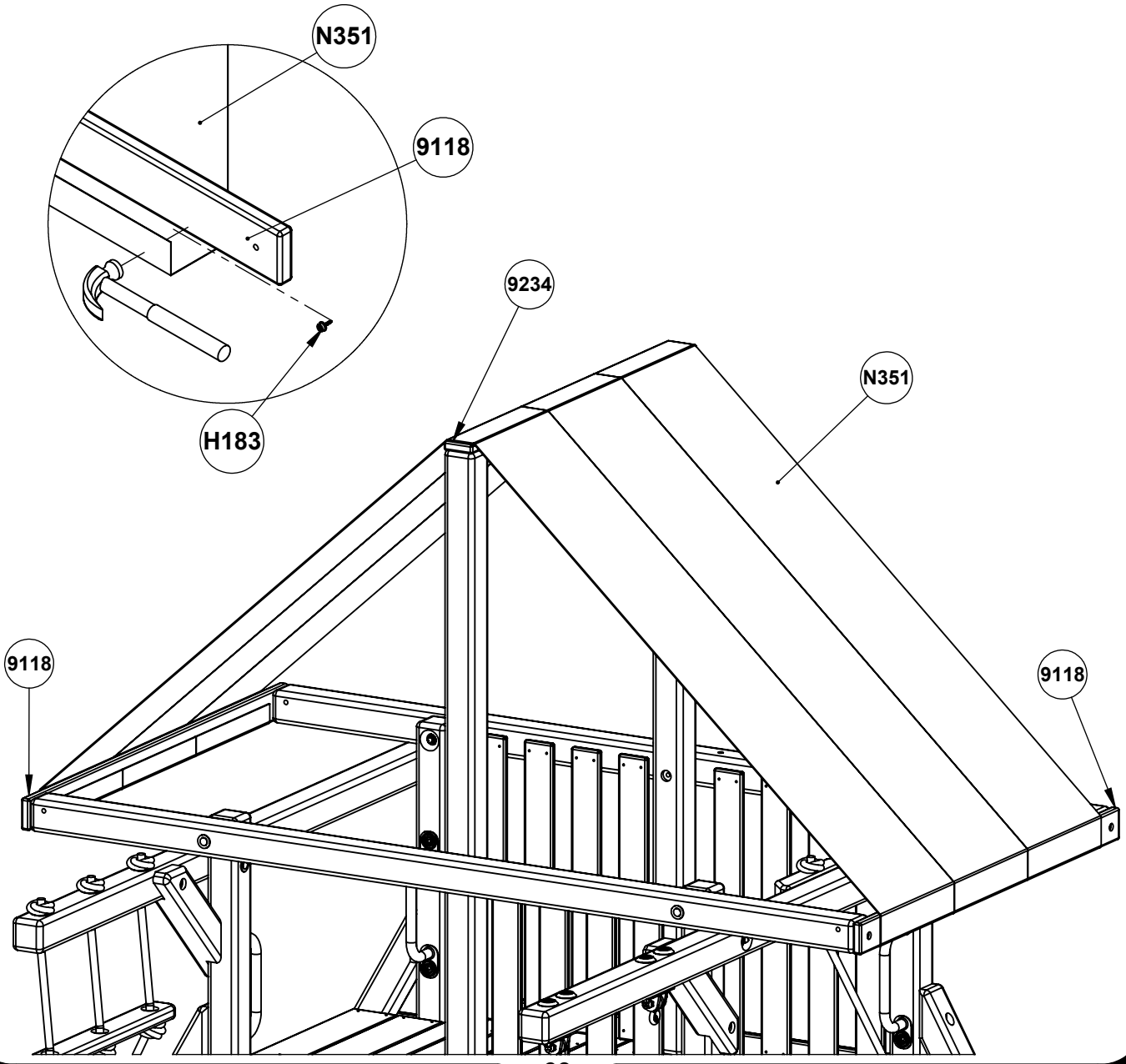


Step 25

Tarp Installation

***NOTE: Skip to next Step if installing Wood Roof.**

1. Evenly spread Tarp **(N351)** over the top of Tarp Board **(9234)** and 2 Hole Facia **(9118)** with the snaps against the inside.
2. Wrap Tarp **(N351)** around the bottom side of 2 Hole Facia **(9118)**. Starting with the middle tarp snaps, gently tap each snap with a hammer to leave a indentation in the wood.
3. Install Snap Screws **(H183)** in the center of the indentations. Snap Screws **(H183)** are rolled up in the Tarp **(N372)**.
4. Snap the Tarp **(N351)** to the Snap Screws **(H183)**.
5. Repeat parts 2, 3 and 4 for the other side. Tarp **(N351)** should be pulled tight when marking Snap Screw **(H183)** locations.



Step 26

Wood Roof Installation

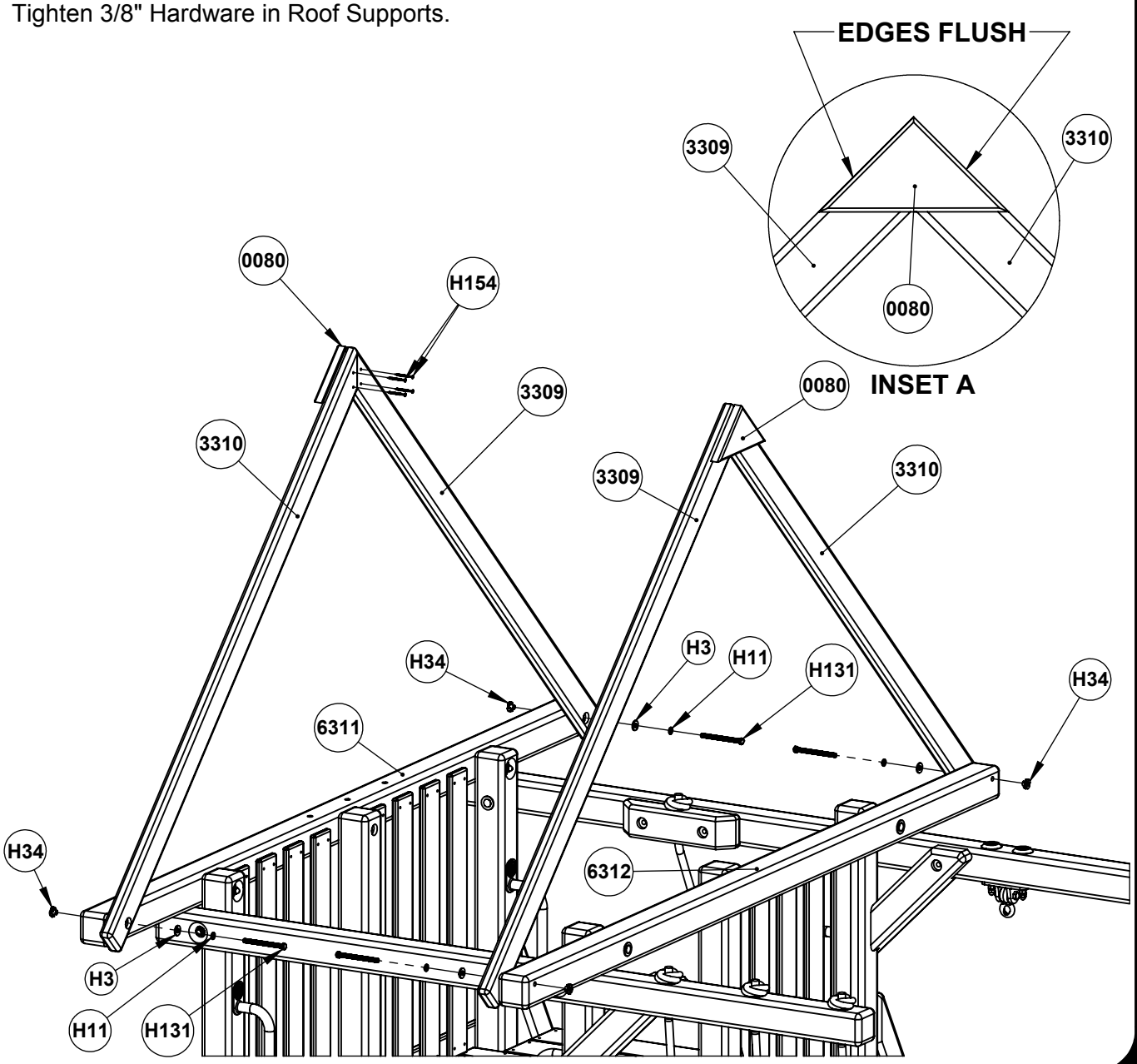
1. Install 3/8" Hardware **(H34)** into pre-drilled holes in Top Joists **(6311) (6312)** by gently tapping hardware with a hammer until flush with the face of the wood.

2. Attach Left and Right Roof Supports **(3309) (3310)** to Top Joists, in the positions shown, using 3/8" Hardware **(H3) (H11) (H34) (H131)**. Do not fully tighten hardware at this time.

   ***SUGGESTION: Use a wood clamp or an adult helper to hold Roof Supports in position while Peak Facias are installed.**

3. Position Roof Supports **(3309) (3310)** so they form a peak and attach Peak Facias **(0080)** to Roof Supports using #8 Hardware **(H154)**. The edges of Peak Facias **(0080)** and Roof Supports **(3309) (3310)** should be flush (as shown in Inset A).

4. Tighten 3/8" Hardware in Roof Supports.



Step 27

Wood Roof Installation

***NOTE: This step requires 2-3 people to complete.**

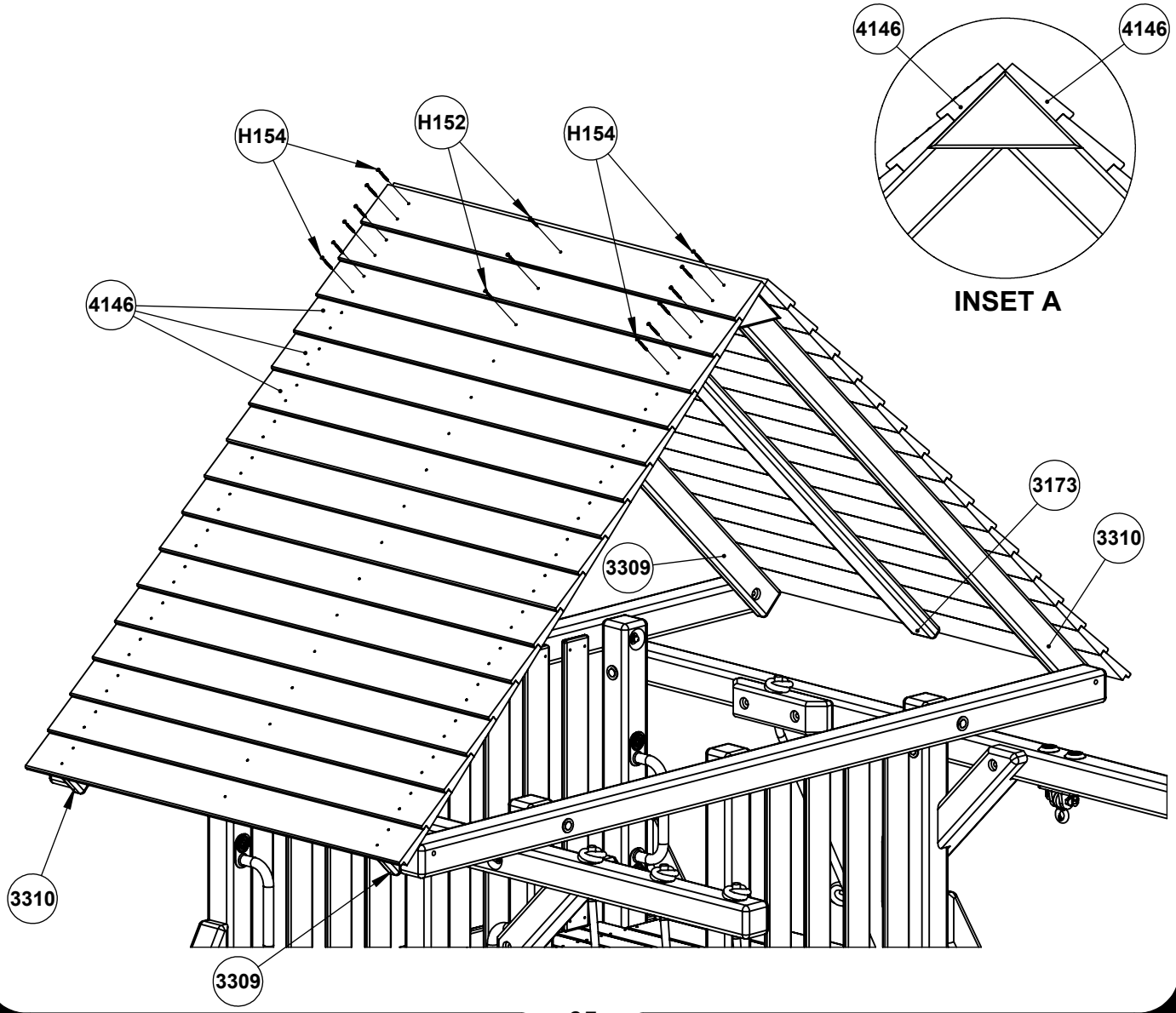
***NOTE: A helper should hold the Roof Supports in place while the first 2-4 Roof Boards are installed on each side.**

1. Starting from the top, center and attach Roof Boards **(4146)** to Roof Supports **(3309) (3310)** using #8 Hardware **(H154)**. Roof Boards should overhang Roof Supports by **3 3/8"** on each side.

   ***NOTE: Top Roof Boards should form a peak as shown in Inset A.**

2. Continue attaching four more Roof Boards **(4146)**, then center Roof Runners **(3173)** on the bottom side of Roof Boards **(4146)** and attach using #8 Hardware **(H152)**. Roof Runner should be approximately **1 1/2"** down from top of top Roof Board.

3. Finish by attaching remaining Roof Boards **(4146)** to Roof Supports **(3309) (3310)** using #8 Hardware (H154). Finish attaching Roof Runners **(3173)** on both sides of Roof using #8 Hardware **(H152)**.

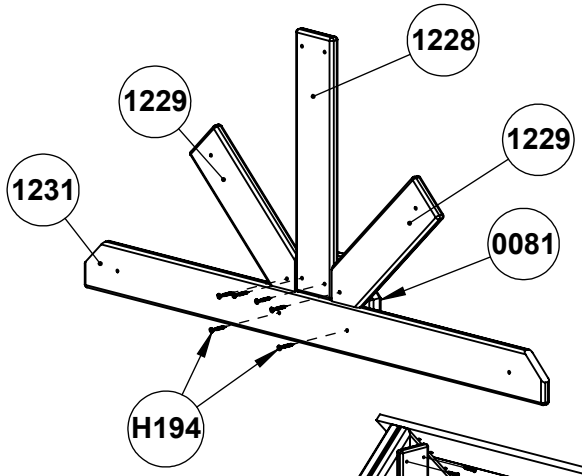


Step 28

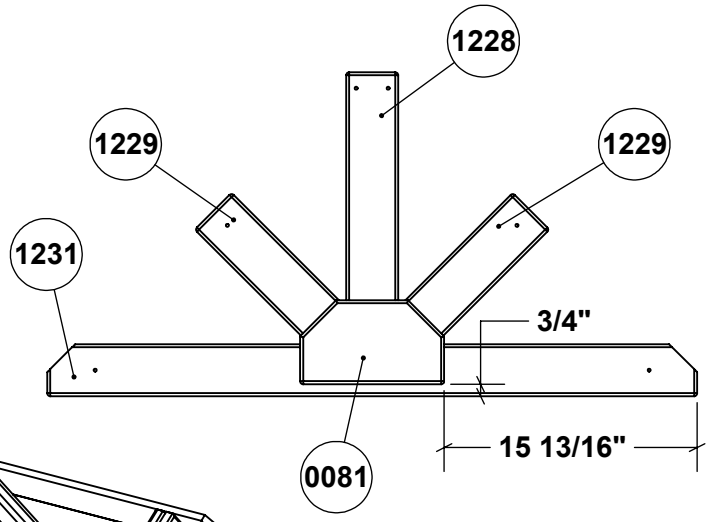
Fan Assembly & Installation

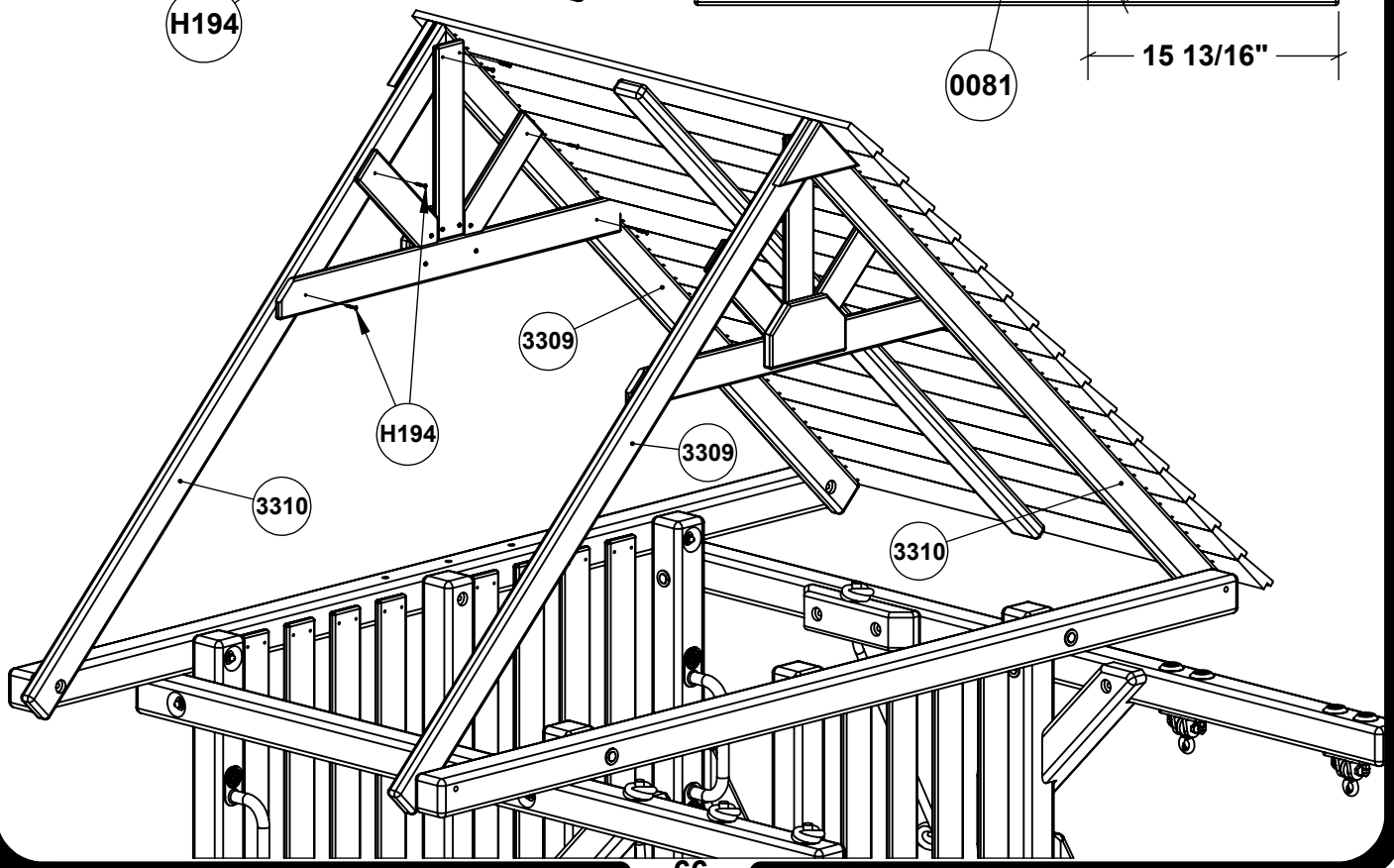
1. On a flat surface position Fan Horizontal **(1231)**, Fan Vertical **(1228)**, and Fan Center **(0081)**, using measurements shown in Inset B,and attach using #8 Hardware **(H194)**.
2. Position Fan Rays **(1229)** (as shown in Inset A & B) and attach to Fan Center **(0081)** using #8 Hardware **(H194)**.
3. Position assembled Fan against Roof Supports **(3309) (3310)** and pushed up tight to roof, and attach to Roof Supports **(3309) (3310)** using #8 Hardware **(H194)**.

INSET A



INSET B





Step 29

10' Wave Slide Installation

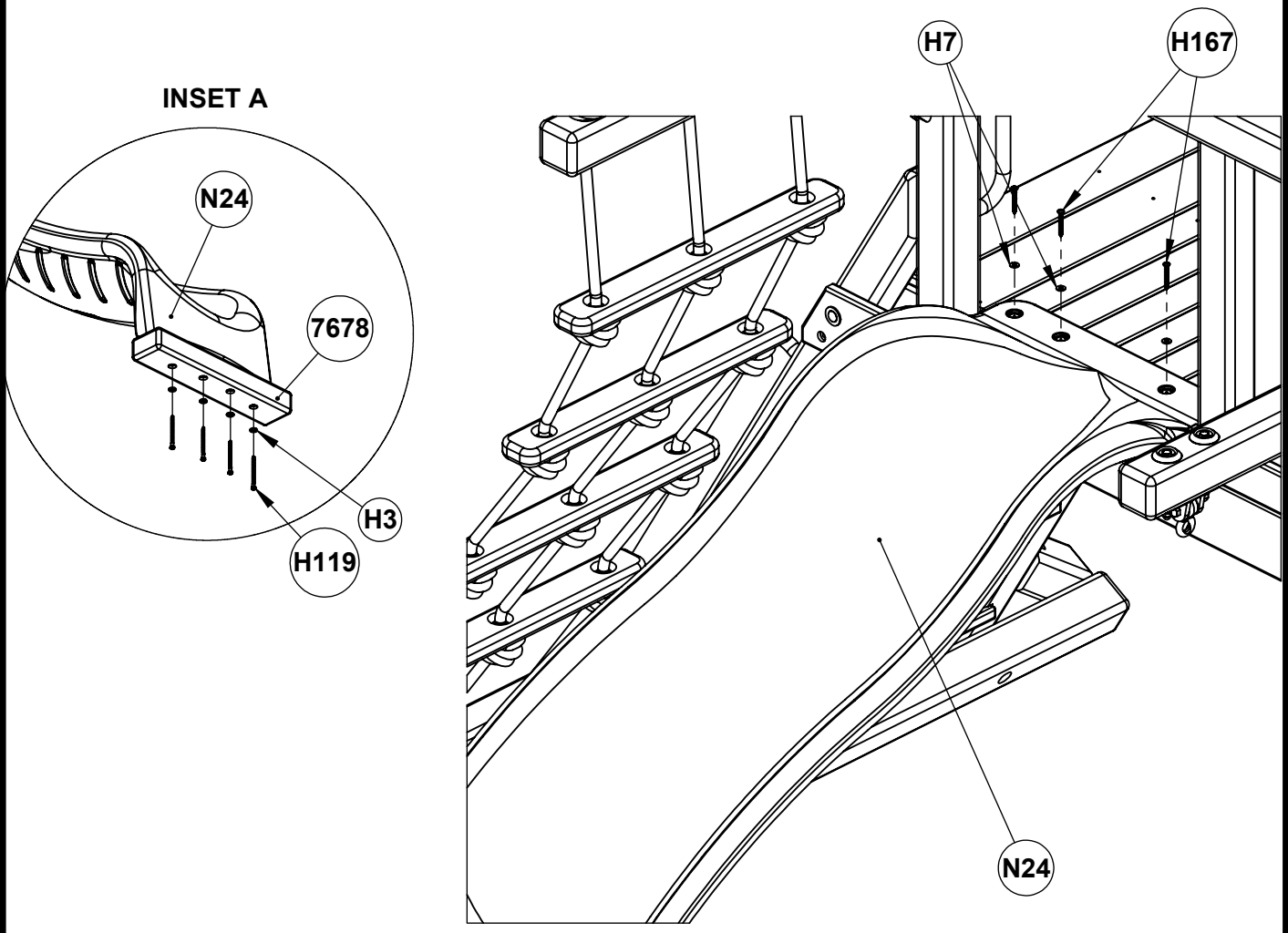
***NOTE: 10' Wave Slide (N24) can only be installed on the 58" & 62" Deck Castle.**

***NOTE: 10' Wave Slide Block will not be installed on the 58" Deck Height Castle.**

1. Attach 10' Wave Slide Block **(7678)** to bottom of 10' Wave Slide **(N24)** using 3/8" Hardware **(H3) (H119)** (as shown in Inset A).

2. Center Slide **(N24)** in opening and attach to Deck using 1/4" Hardware **(H7)** and #14 Hardware **(H167)**.

***NOTE: Be sure that slide is positioned back far enough that #14 Hardware goes into Main Beam. Measurement should be about 7".**



Step 30

10.5' Wave Slide Installation

***NOTE: If installing the 10.5' Wave Slide (N404) on the 66" Deck Height Castle the 10.5' Wave Slide Block (7867) will need to be installed (as shown in Inset A).**

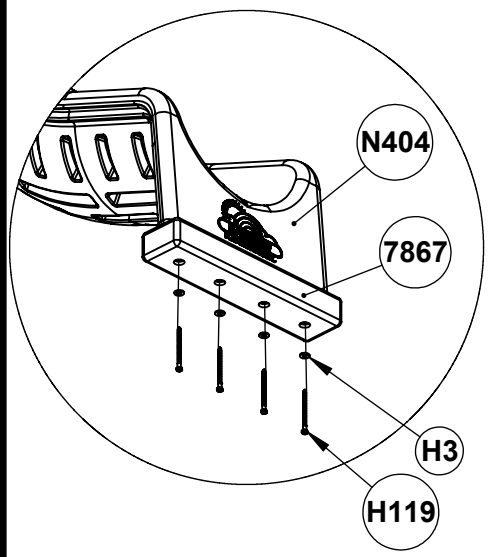
***NOTE: If installing the 10.5' Wave Slide on the 62" Deck Height Castle the 10.5' Wave Slide Block will not have to be installed.**

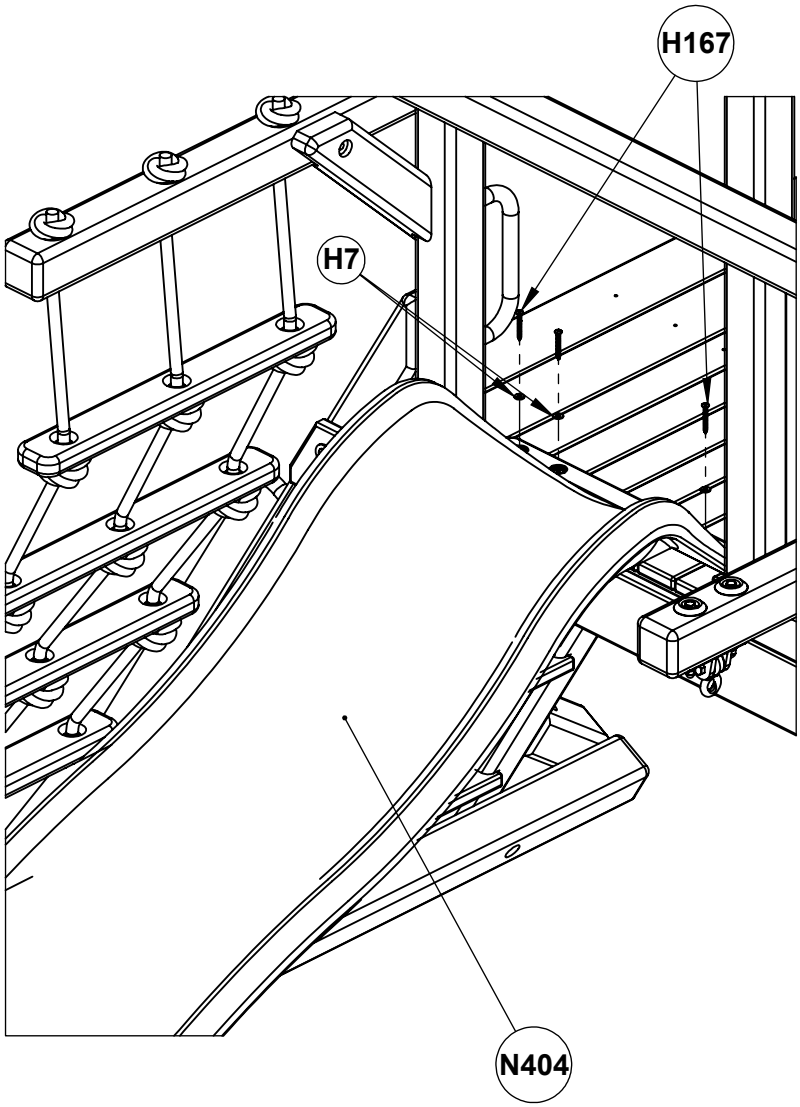
1. Attach 10.5' Wave Slide Block **(7867)** to bottom of 10.5' Wave Slide **(N404)** using 3/8" Hardware **(H3) (H119)** (as shown in Inset A), if installing Slide on 66" Deck Height Castle**.**

2. Center Slide **(N404)** in opening and attach to Deck using 1/4" Hardware **(H7)** and #14 Hardware **(H167)**.

***NOTE: Ensure Slide is positioned back far enough that #14 Hardware (H167) goes into Main Beam. Measurement should be about 6 1/8".**

INSET A

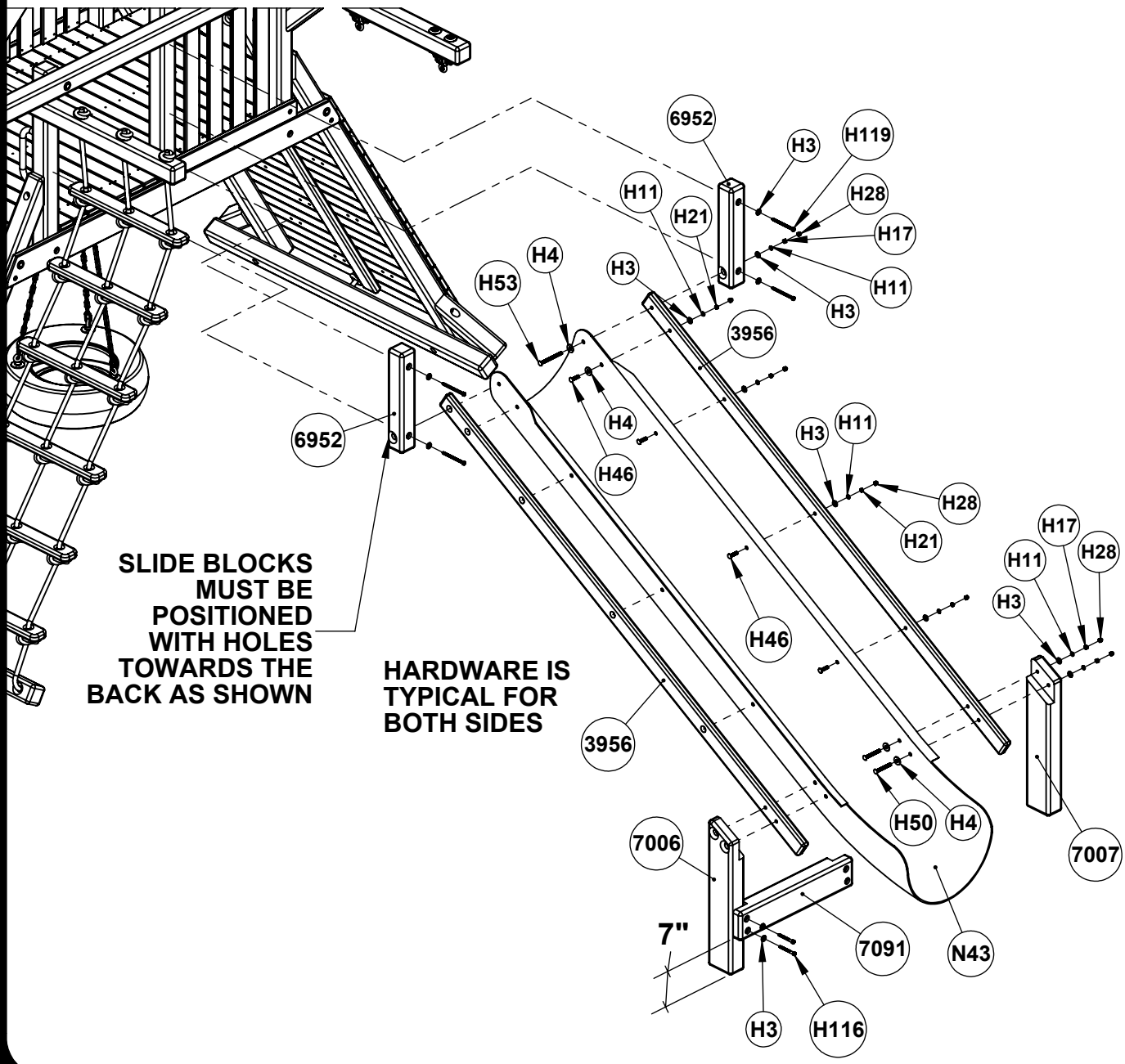




Step 31

10' Scoop Slide Installation

1. Attach Slide Rails **(3956)** to Slide **(N43)** using 3/8" Hardware **(H3) (H11) (H21) (H28) (H46)** and 1/2" Hardware **(H4)** in locations shown.
2. Attach Slide Brace **(7091)** to the front of both Slide Legs **(7006) (7007)** using 3/8" Hardware **(H3) (H116)**. Slide Brace **(7091)** must be **7"** up from the bottom of the Slide Legs **(7006) (7007)**.
3. Attach Left Slide Leg **(7006)** and Right Slide Leg **(7007)** to Slide **(N43)** using 3/8" Hardware **(H3) (H11) (H17) (H28) (H50)** and 1/2" Hardware **(H4)**.
4. Attach Slide Blocks **(6952)** to the Slide **(N43)** through the Slide Rails **(3956)** using 1/2" Hardware **(H4)** and 3/8" Hardware **(H3) (H11) (H17) (H28) (H53)**. Be sure to position Slide Blocks **(6952)** as shown in diagram with large counter-bored holes towards the back.
5. Attach Slide Assembly to Castle Corner Post and Center Post using 3/8" Hardware **(H3) (H119)**. Slide should rest on deck when properly installed.



Step 32

11' Scoop Slide Installation

1. Attach Slide Rails **(3984)** to Slide **(N87)** using 3/8" Hardware **(H3) (H11) (H21) (H28) (H46)** in locations shown.

2. Attach Slide Brace **(7091)** to the front of both Slide Legs **(7006) (7007)** using 3/8" Hardware **(H3) (H116)**. Slide Brace **(7091)** must be **7"** up from the bottom of the Slide Legs **(7006) (7007)**.

3. Attach Left Slide Leg **(7006)** and Right Slide Leg **(7007)** to Slide **(N87)** using 3/8" Hardware **(H3) (H11) (H17) (H28) (H50)** and 1/2" Hardware **(H4)**.

4. Attach Slide Blocks **(6952)** to the Slide **(N87)** through Slide Rails **(3984)** using 1/2" Hardware **(H4)** and 3/8" Hardware **(H3) (H11) (H17) (H28) (H53)**. Be sure to position Slide Blocks **(6952)** as shown with offset counter bored holes towards set.

   ***NOTE: Slide should rest on Deck when properly installed.**

5. Attach Slide Assembly to Corner Upright **(6102)** and Center Post **(6309) (6315)** using 3/8" Hardware **(H3) (H119)**. Slide should rest on Deck.

6. Finish attaching Slide **(N87)** to Deck using #12 Hardware **(H174)**.

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Step 32

11' Scoop Slide Installation

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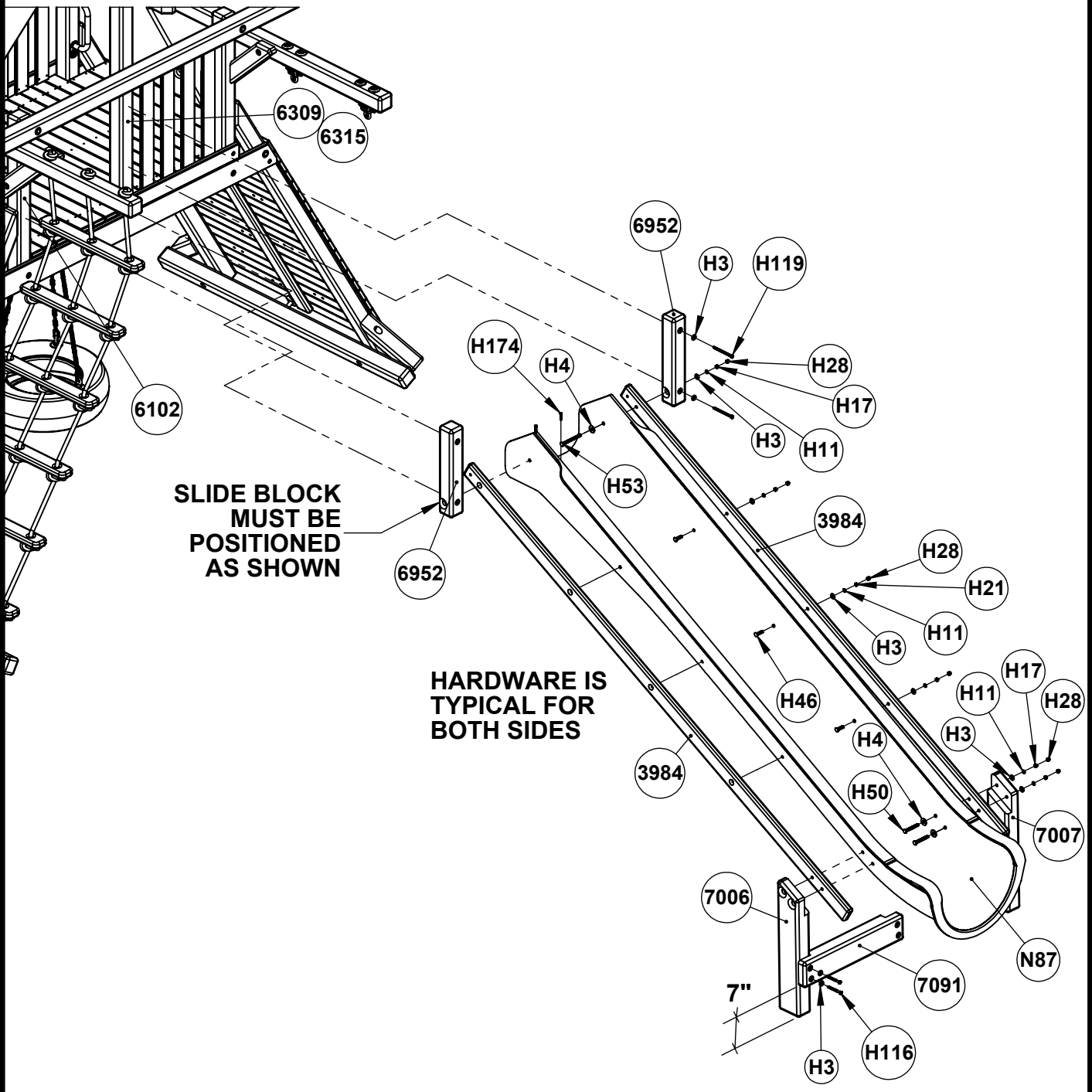


Step 33

10.5' Scoop Slide Installation

*** NOTE: Slide Block holes on 10.5' Scoop Slide (N403) must be pre-drilled using 7/16" drill bit before installation can begin (as shown in Inset A).**

*** NOTE: Filler Block (6196) should have been attached to front Angled Facia (0100) in Step 9.**

***NOTE: 10.5' Scoop Slide cannot be installed on 58" Deck Height,**

1. Attach Slide Legs **(7865) (7870)** to Slide Brace **(7864)** using 3/8" Hardware **(H3) (H116)**, referring to measurements shown below:

******For **62"** Deck Height: The bottom of Slide Brace **(7864)** must measure **4 13/16"** from the bottoms of the Slide Legs **(7865)**.
******For **66"** Deck Height: The bottom of Slide Brace **(7864)** must measure **8 13/16"** from the bottoms of the Slide Legs **(7870)**.

*** NOTE: Notches of Slide Brace (7864) should be pushed up tight to Slide Legs (7865) (7870) when properly installed.**

2. On underside of 10.5' Scoop Slide **(N403)**, push Slide Leg/Brace assembly tight into cutouts of Slide (as shown on following page). Attach Slide Brace **(7864)** and Slide Legs **(7865) (7870)** to 10.5' Scoop Slide **(N403)** using 3/8" Hardware **(H3) (H119)**.

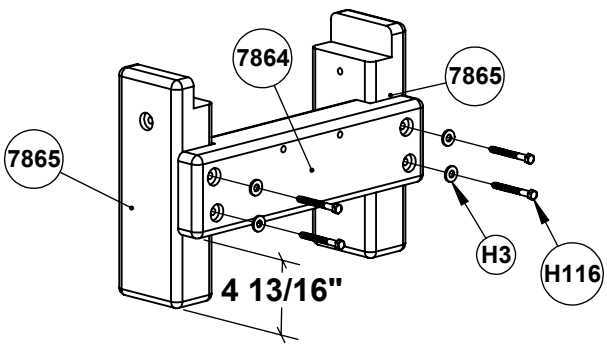
*** NOTE: Do not over tighten 3/8" Hardware when installing Hardware into 10.5' Scoop Slide (N403).**

3. Attach Slide Blocks **(7036)** to 10.5' Scoop Slide **(N403)** using 3/8" Hardware **(H3) (H11) (H17) (H28) (H53)** and 1/2" Hardware **(H4)**.

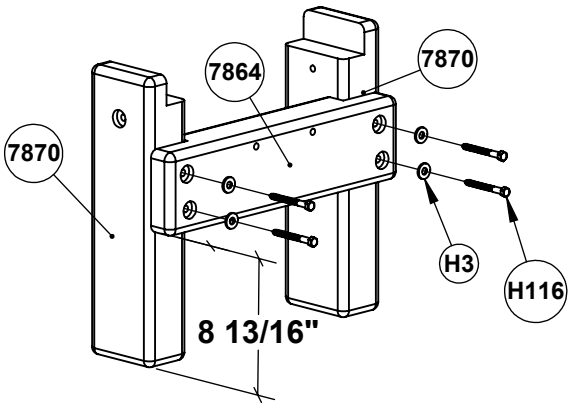
4. Center and attach Slide Assembly to Corner Upright **(6102)** and Center Upright **(6309) (6315)** using 3/8" Hardware **(H3) (H119)**.

*** NOTE: Slide should rest on Filler Block (6196) when properly installed.**

*** NOTE: If installing Penthouse next to 10.5' Scoop Slide, the Slide Block (7036) closest to the Penthouse will need to have 5" cut off the top of block (as shown).**



62" Deck Height



66" Deck Height

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Step 33

10.5' Scoop Slide Installation

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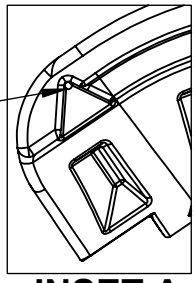
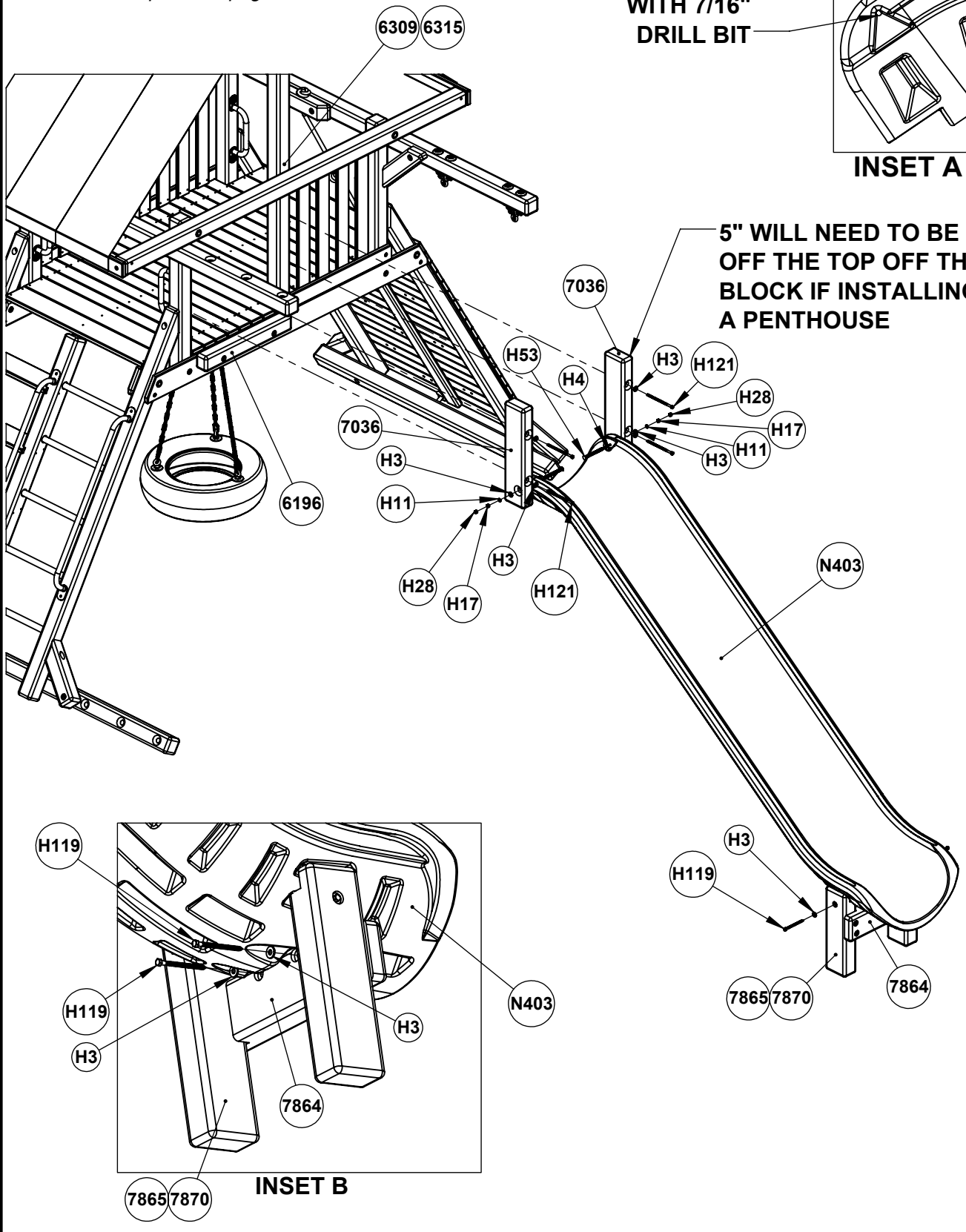
PRE-DRILL WITH 7/16" DRILL BIT



INSET A

5" WILL NEED TO BE CUT OFF THE TOP OFF THIS BLOCK IF INSTALLING A PENTHOUSE



INSET B

Step 34

Swing Beam Installation

***NOTE: Processes for mounting the Swing Beam will be the same for 58", 62" and 66" Deck Height Castles unless otherwise noted.**

1. Attach Swing Hangers **(N26)** to Swing Beam **(7084) (7085) (7154) (7821)** using 3/8" Hardware **(H3) (H11) (H24) (H28) (H135)** and 3/8" Bolt Cup **(N29)**.
   ***SUGGESTION: Use a locking pliers to hold on to Hex Head Bolts (H135).**

2. Position Rainbow Plaque **(N83)** in the approximate position shown and attach to Swing Beam using #10 Hardware **(H157)** (as shown in Detail A).

3. Bolt together Lower A-Frame Block **(6007)**, Upper A-Frame Block **(6008)**, and both 90˚ Brackets **(N402)** using 1/2" Hardware **(H4) (H12) (H18) (H29) (H72)** and 3/4" Hardware **(H5)**.

4. Attach A-Frame Legs **(6010) (6052)** to A-Frame Block assembly using both 45˚ Brackets **(N401)** and 1/2" Hardware **(H4) (H12) (H18) (H29) (H151)**.
   ***NOTE: A-Frame Legs (6052) will be used for the 66" Deck Height Castle.**
   ***NOTE: Lay assembly on the ground with A-Frame Legs (6010) (6052) pointing in opposite directions. Do not tighten hardware at this time.**

5. Place Swing Beam Assembly in position between the 90˚ Brackets **(N402)** and attach using 1/2" Hardware **(H4) (H12) (H18) (H29) (H72)** and 3/4" Hardware **(H5)** through both 45˚ Brackets **(N401)**.

6. Attach both 90˚ Brackets **(N402)** to the Swing Beam **(7084) (7085) (7154) (7821)** using 3/8" Hardware **(H116)** and 3/8" Bolt Cup **(N29)**.

7. Position Swing Beam Plate **(N400)** over the holes in the Top Joist with Swing Holes **(6311)** and attach using 1/2" Hardware **(H4) (H12) (H18) (H29) (H65)** and 3/4" Hardware **(H5)** through **holes 1 and 3 only**.
   ***NOTE: Do not tighten Hardware at this time.**

8. Lift Swing Beam assembly into position on top of the Swing Beam Plate **(N400)** and attach using 1/2" Hardware **(H4) (H12) (H18) (H29) (H72) (H76)** and 3/4" Hardware **(H5)**.
   ***NOTE: For ease of installation, insert Carriage Bolt (H76) through the Swing Beam (7084) (7085) (7154), and then insert Carriage Bolt (H72). Do not tighten hardware at this time.**

9. Lift Swing Beam assembly up until A-Frame Legs hold Swing Beam in a level position.
   ***CAUTION: Legs will close inward as Swing Beam is lifted into position.**
   ***SUGGESTION: Use two people to lift Swing Beam assembly.**
   ***CAUTION: Legs are very unstable until Cross Member is installed.**

10. Tighten Hex Head Bolt **(H151)** that goes through A-Frame Legs **(6010) (6052)** and A-Frame Block assembly from #3 and all hardware that goes through Swing Beam Plate **(N400)** at this time.

11. Hold A-Frame Cross Member **(6021) (6053)** in a level position against A-Frame Legs, and drill through A-Frame Legs **(6010) (6052)** using a **9/16" drill bit**. Attach Cross Member **(6021) (6053)** using 1/2" Hardware **(H4) (H12) (H18) (H29) (H72)** and 3/4" Hardware **(H5)**.

12. Attach A-Frame Legs **(6010) (6052)** to A-Frame Blocks using 3/8" Hardware **(H3) (H119)**.

13. Attach Swing options to Swing Hangers **(N26)** using Spring Clips **(N27) (N90)**.

14. Insert Rope through end hole in Swing Beam **(7084) (7085)** and tie a double knot. Tie single knots in three places. Insert bottom of Rope through Swing Disk **(N91)** or Rope Buoy **(N92)** and tie a double knot.

15. Inflate Buoy Ball using Buoy Ball inflator.
    ***NOTE: Swings and Swing Disk or Buoy Ball should be a minimum of 8" off the ground.**

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Step 34

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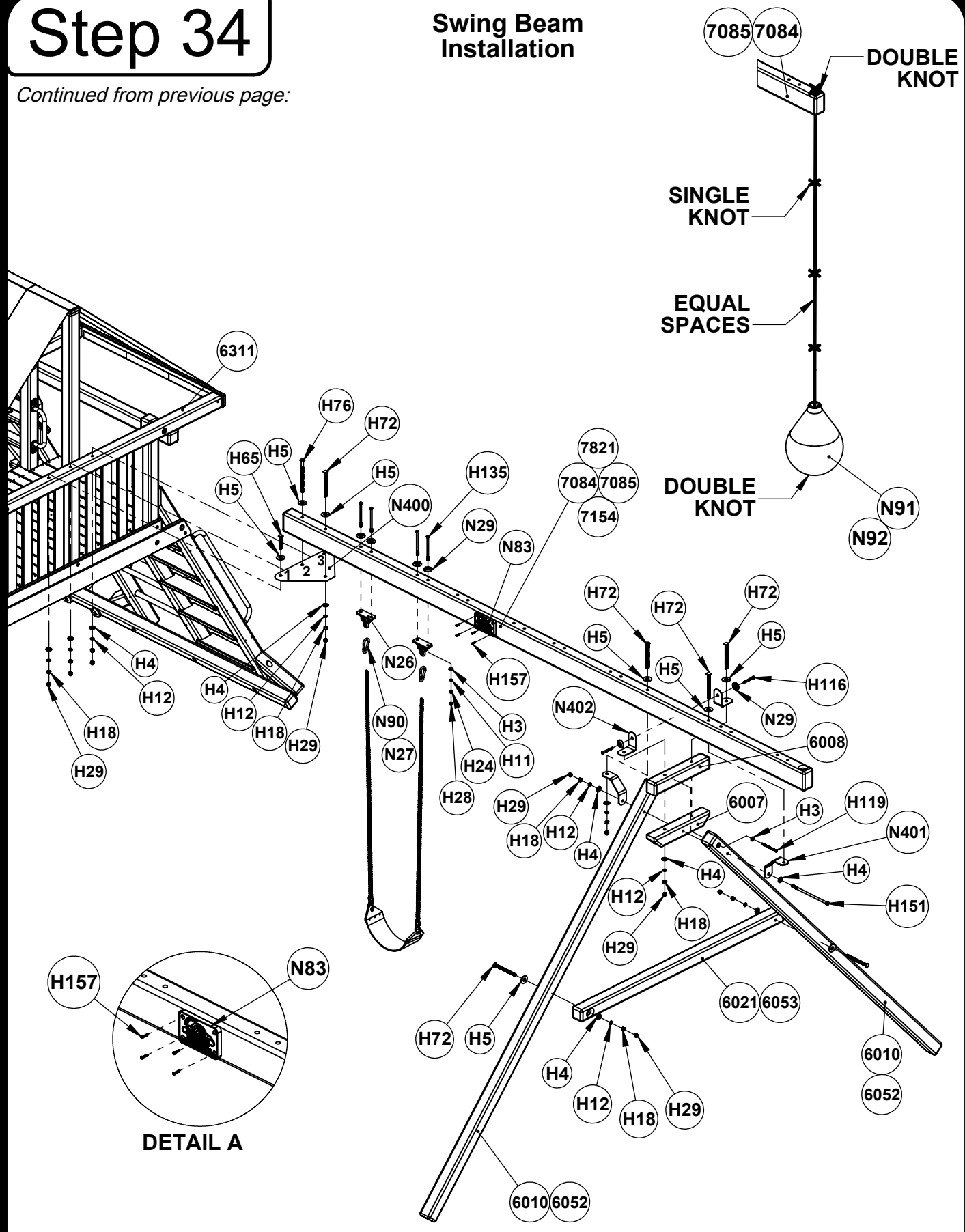
Swing Beam Installation

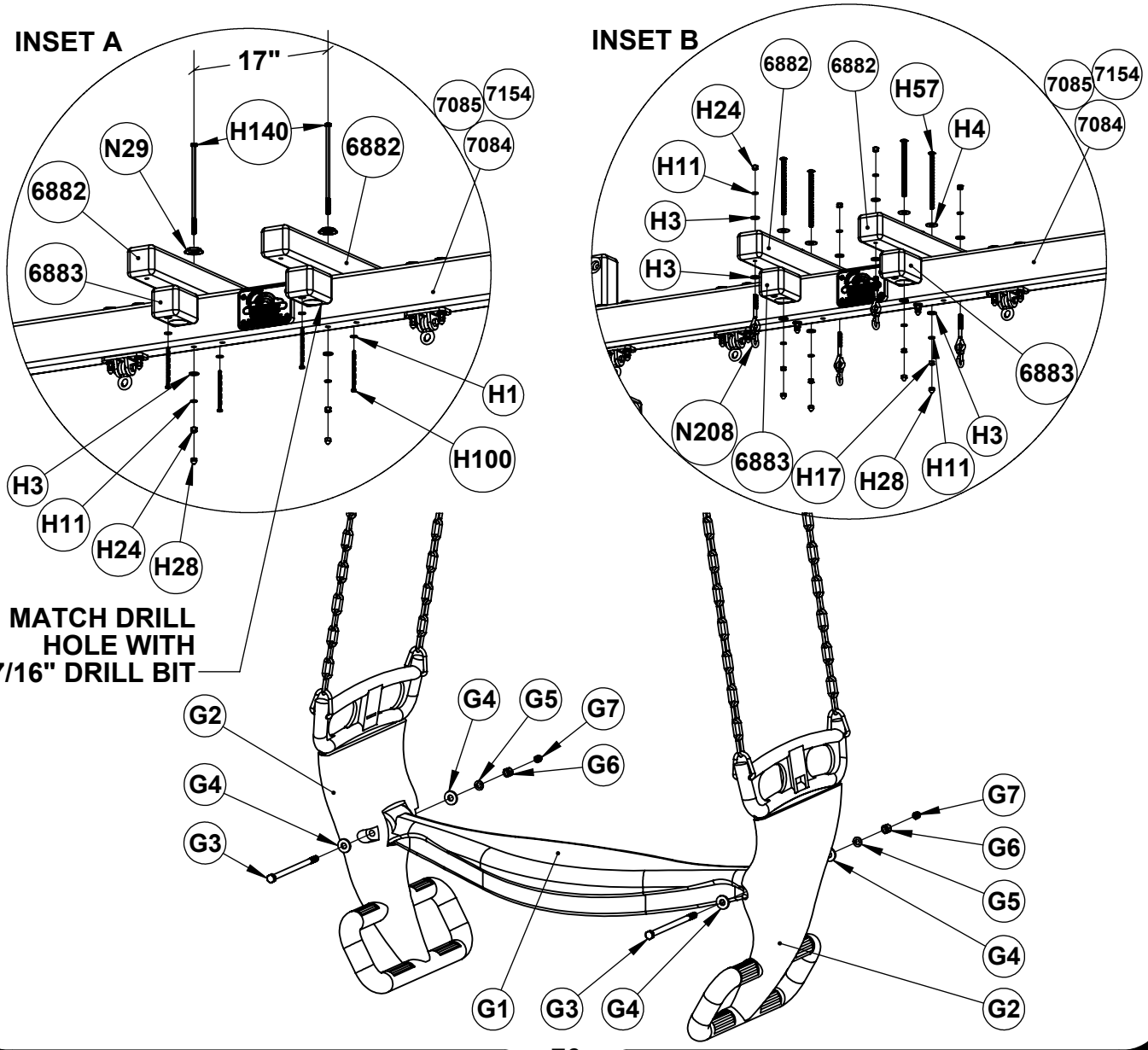


Step 35

24" Opening Glider Assembly & Installation

***NOTE: Assemble and install Swing Beam prior to attaching Glider.**
***NOTE: Glider Assembly comes with its own Hardware Bag.**
***NOTE: Glider may be installed in any position on Swing Beam.**
***NOTE: Use outside swing hanger hole for one Glider Block (6882) and inside swing hanger hole for other Glider Block (6882). Spacing between center hole in Glider Blocks (6882) must be 17", as shown in Inset A.**

1. Position Glider Blocks **(6882)** on Swing Beam **(7084) (7085) (7154)** as shown in Inset A. Attach using Bolt Cups **(N29)** and 3/8" Hardware **(H3) (H11) (H24) (H28) (H140).**
2. Position Lower Glider Blocks **(6883)** against Swing Beam **(7084) (7085) (7154)** on each side of beam as shown in Inset A and attach to Glider Blocks **(6882)** using 1/4" Hardware **(H1) (H100).**
3. Match drill holes in Lower Glider Blocks **(6883)** through Glider Blocks **(6882)** using a **7/16" drill bit** as shown.
4. Use 1/2" Hardware **(H4)** and 3/8" Hardware **(H3) (H11) (H17) (H28) (H57)** to finish attaching Glider Blocks **(6882)** as shown in Inset B.
5. Attach Swing Hangers **(N208)** to Glider Blocks **(6882)** with 3/8" Hardware **(H3) (H11) (H24).**
6. Position the Glider Seat **(G1)** ends into the socket of Glider Handles **(G2)** and attach (as shown) using provided Hardware **(G3) (G4) (G5) (G6) (G7)** found in Glider Bag.



Step 36

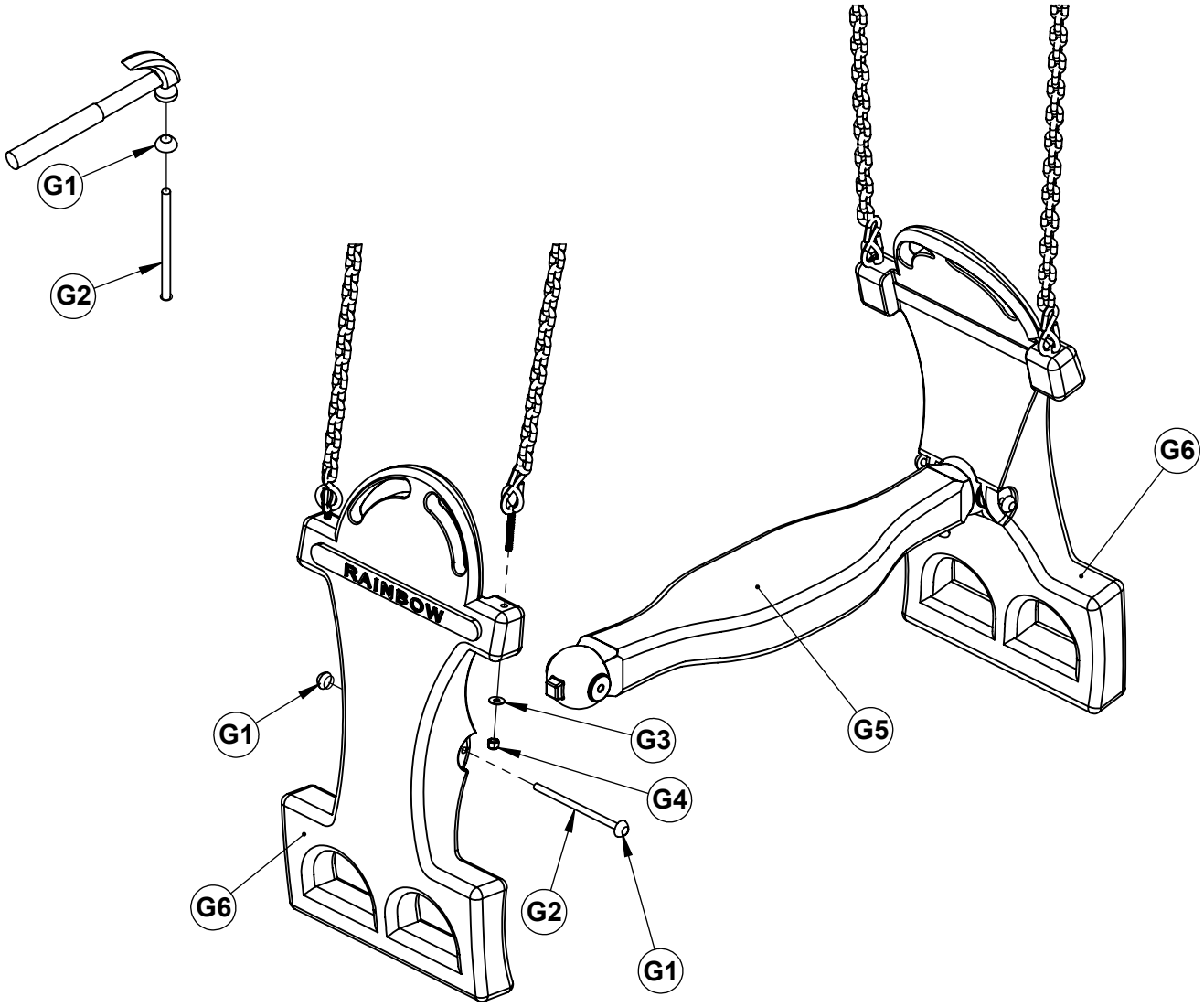
Deluxe Glider Assembly

1. Place the Push Cap **(G1)** on the end of the Pivot Rod **(G2)** (as shown). Gently tap the Push Cap **(G1)** with a hammer to secure the Push Cap **(G1)** to the end of the Pivot Rod **(G2)**.

2. Position the Glider Seat **(G5)** into the socket of the Glider Handle **(G6)**. Attach the Glider Handle **(G6)** to the Glider Seat **(G5)** using the Pivot Rod **(G2)** with a Push Cap **(G1)** on one end. Using a block of wood and a hammer, secure the Push Cap **(G1)** to the end of the Pivot Rod **(G2)** (as shown).

3. Repeat #2 for the other Glider Handle Attachment.

4. Position the Eye Bolt with Chain (as shown) and attach to the Glider Handle **(G6)** using 5/16" Hardware **(G3) (G4)**.

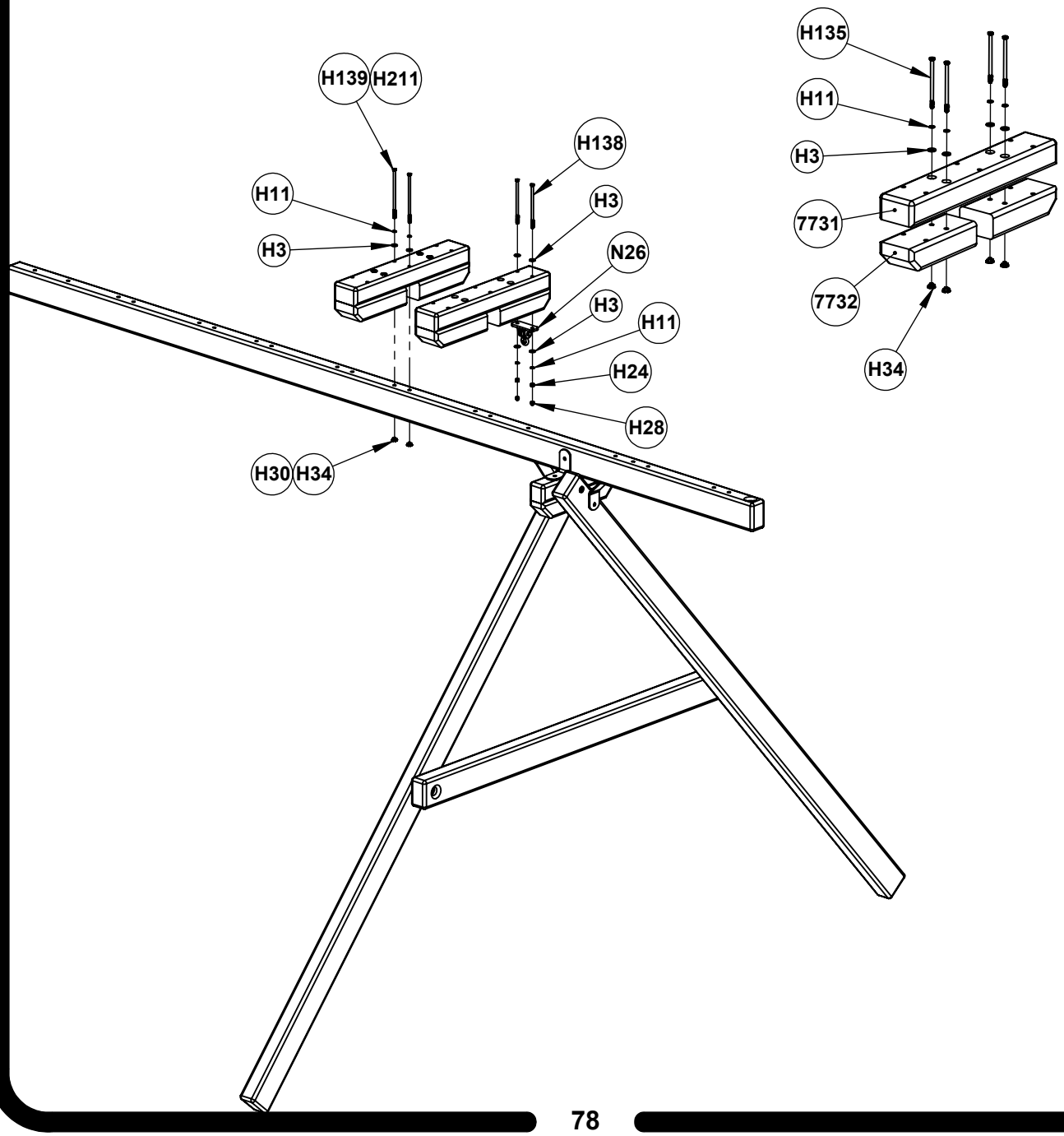


Step 37

Deluxe Glider Blocks Installation

1. Attach Glider Block Top **(7731)** to Glider Block Bottoms **(7732)** using 3/8" Hardware **(H3) (H11) (H34) (H135)**.
2. Attach Swing Hangers **(N26)** to Glider Blocks using 3/8" Hardware **(H3) (H11) (H24) (H28) (H138)**.
3. Attach Glider Block Assembly to Swing Beam using 3/8" Hardware **(H3) (H11) (H34) (H139)**.

   ***NOTE: If installing the Glider Blocks to a Swing Beam Header, use 3/8" Hardware (H211) (H30) instead of 3/8" Hardware (H139) (H34).**
4. Attach Glider Assembly to Swing Hangers **(N26)** using Spring Clips **(N90)**.



Step 38

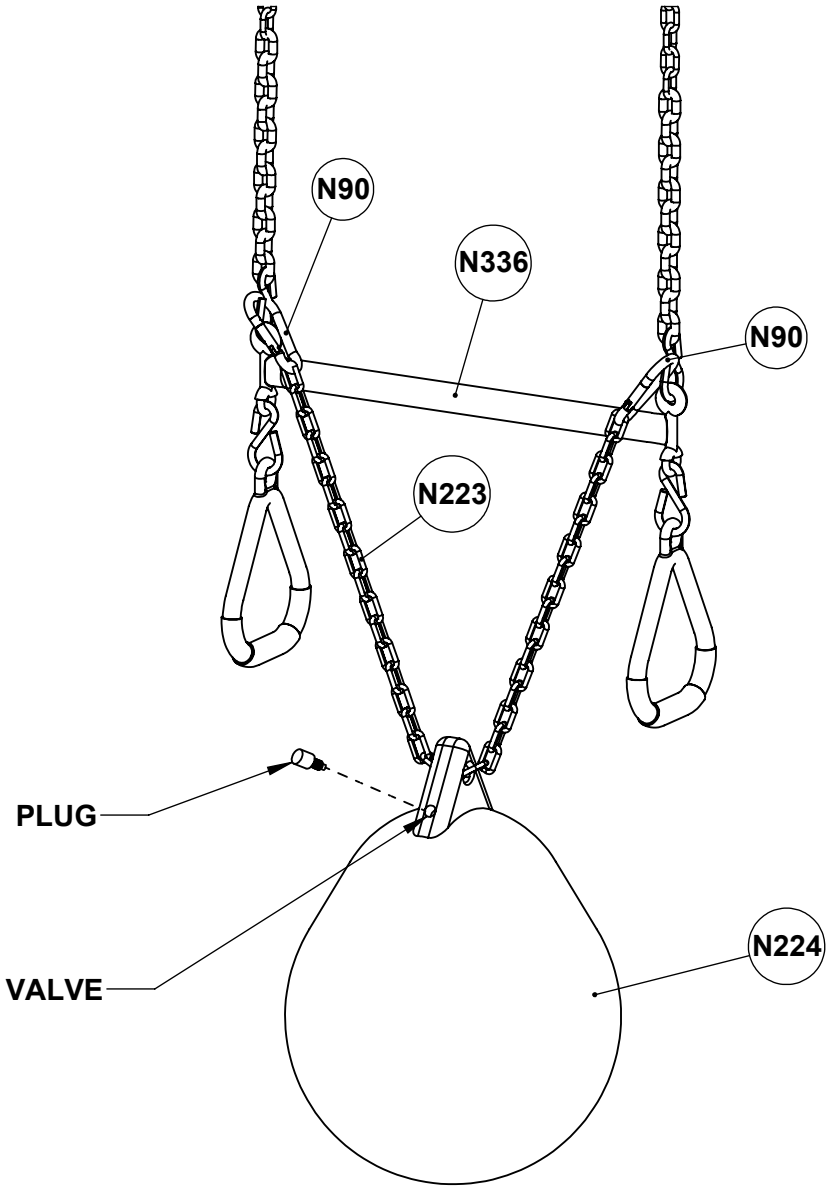
Buoy Ball Inflation and Installation

Inflation:

1. Using a Flat Head Screwdriver, remove the plug from the Buoy Ball Valve.
2. Insert Air Hose with Long Nosed Nozzle Attachment into the Buoy Ball Valve opening and inflate the Buoy Ball **(N224)**.
3. Reinsert the plug into the Buoy Ball Valve.

Installation:

1. Insert Dipped Chain **(N223)** through Buoy Ball **(N224)** opening.
2. Attach Spring Clips **(N90)** to each end of the Dipped Chain **(N223)**.
3. Attach Spring Clips **(N90)** to S-Hooks on Trapeze/Ring Combo **(N336)**.



Step 39

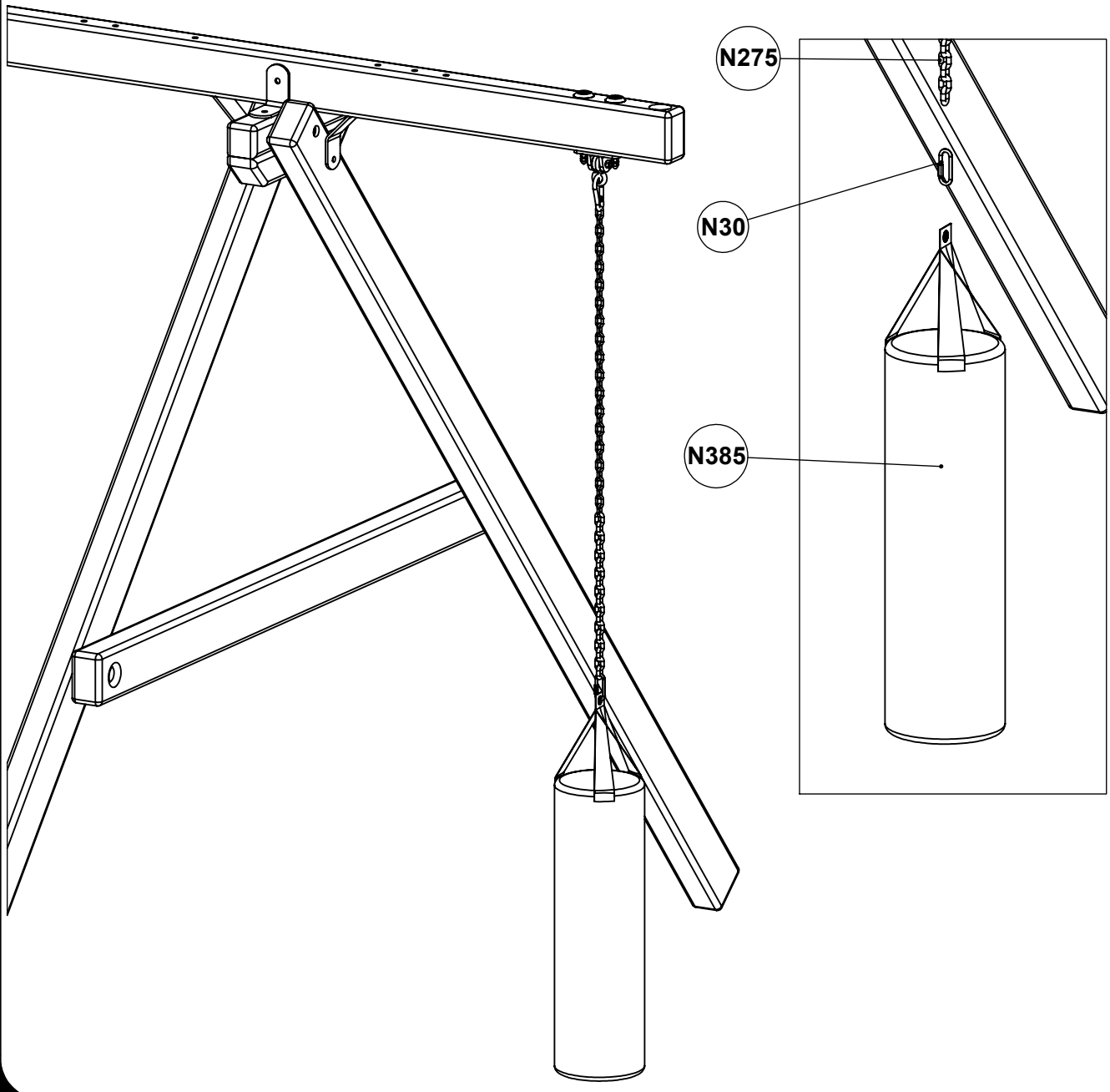
Punching Bag Installation

1. Attach Punching Bag **(N385)** to Chain **(N275)** using a C-Link **(N30)**.
   ***NOTE: Be sure to fully close C-Link (N30) using a crescent wrench.**

2. Attach Chain **(N275)** to Swing Hanger using a Spring Clip.

   ***NOTE: Adjust Chain on Spring Clip to set Punching Bag to desired height.**

   ***WARNING: The Punching Bag is not designed to be a swing option. Do not swing on Punching Bag.**



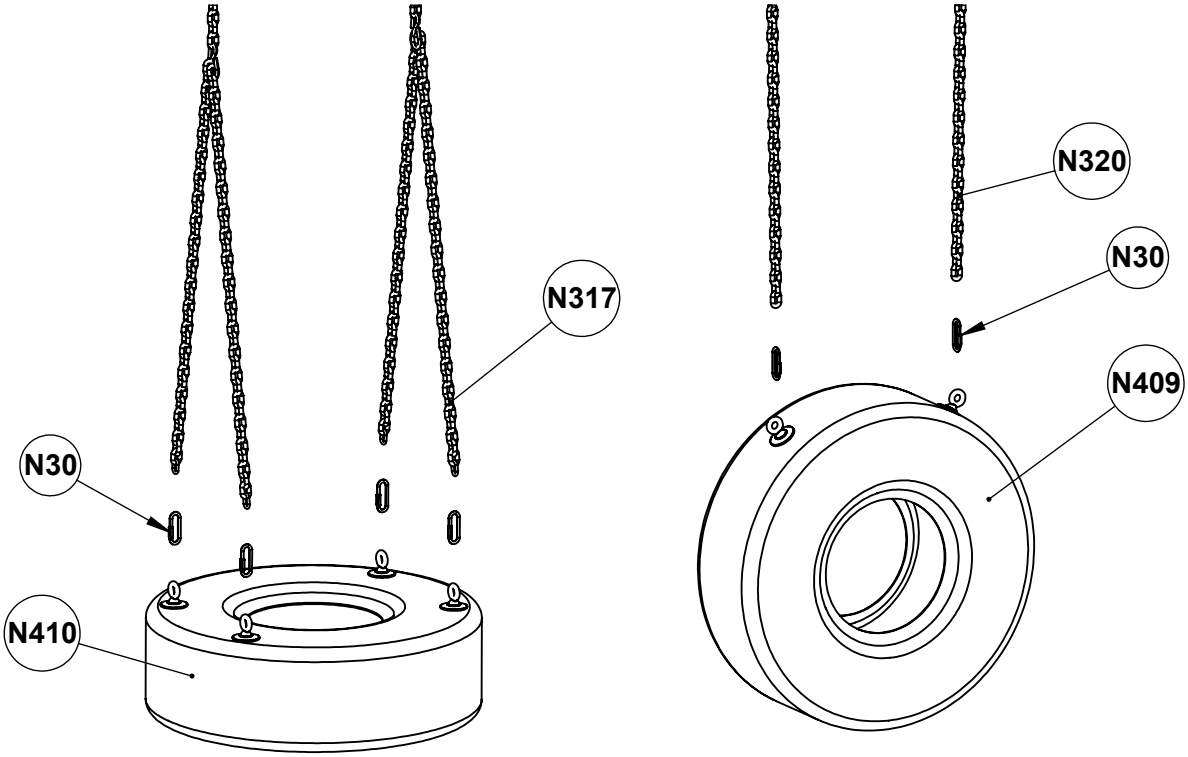
Step 40

2 Chain & 4 Chain Tire Assembly

***NOTE: Chains will have to be attached to 2 & 4 Chain Tires.**
***NOTE: Be sure to check that C-Links (N30) are fully tightened prior to each use of Tire Swings.**

1. Attach Chains **(N320)** to the 2 Chain Tire **(N409)** using C-Links **(N30)**. Use a wrench to fully tighten C-Links.

2. Attach 4 Chain Tire Chain assembly **(N317)** to 4 Chain Tire **(N410)** using C-Links **(N30)**. Use a wrench to fully tighten C-Links.



Step 41

A-Frame Bench Assembly

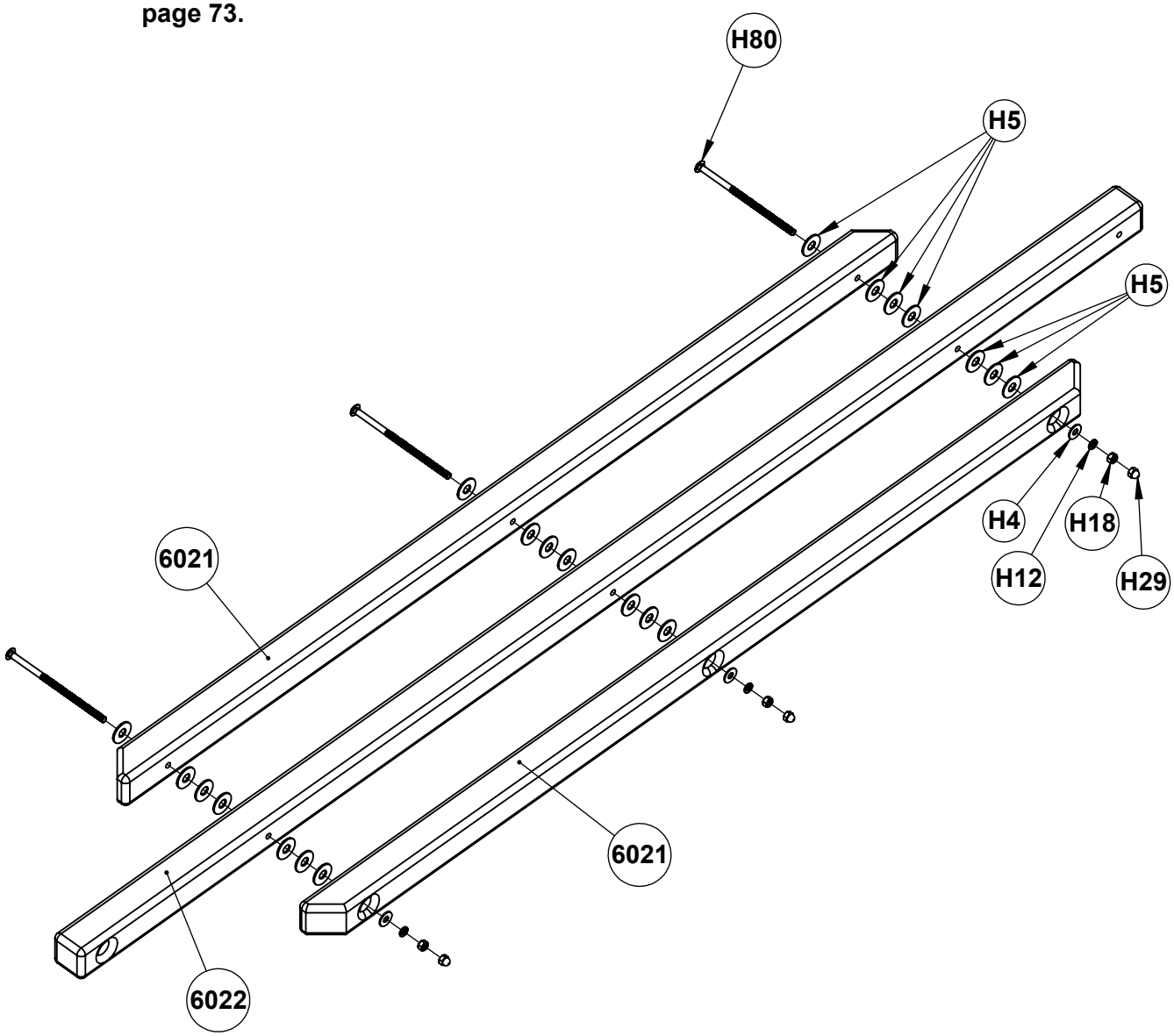
***NOTE: Use this page in conjunction with Page 72.**

1. Attach A-Frame Bench Seats **(6021)** to A-Frame Bench Cross Member **(6022)** using 3/4" Hardware **(H5)** and 1/2" Hardware **(H4) (H12) (H18) (H29) (H80)**.

   ***NOTE: A qty. of three 3/4" Hardware (H5) will be used per hole, between each Seat (6021) and Cross Member (6022), for spacing.**

2. Install A-Frame Bench in place of Cross Member **(6021) (6053)**, using same processes shown in #11 on Page 72.

   ***NOTE: A-Frame Bench will be positioned lower to the ground than Cross Member shown on page 73.**

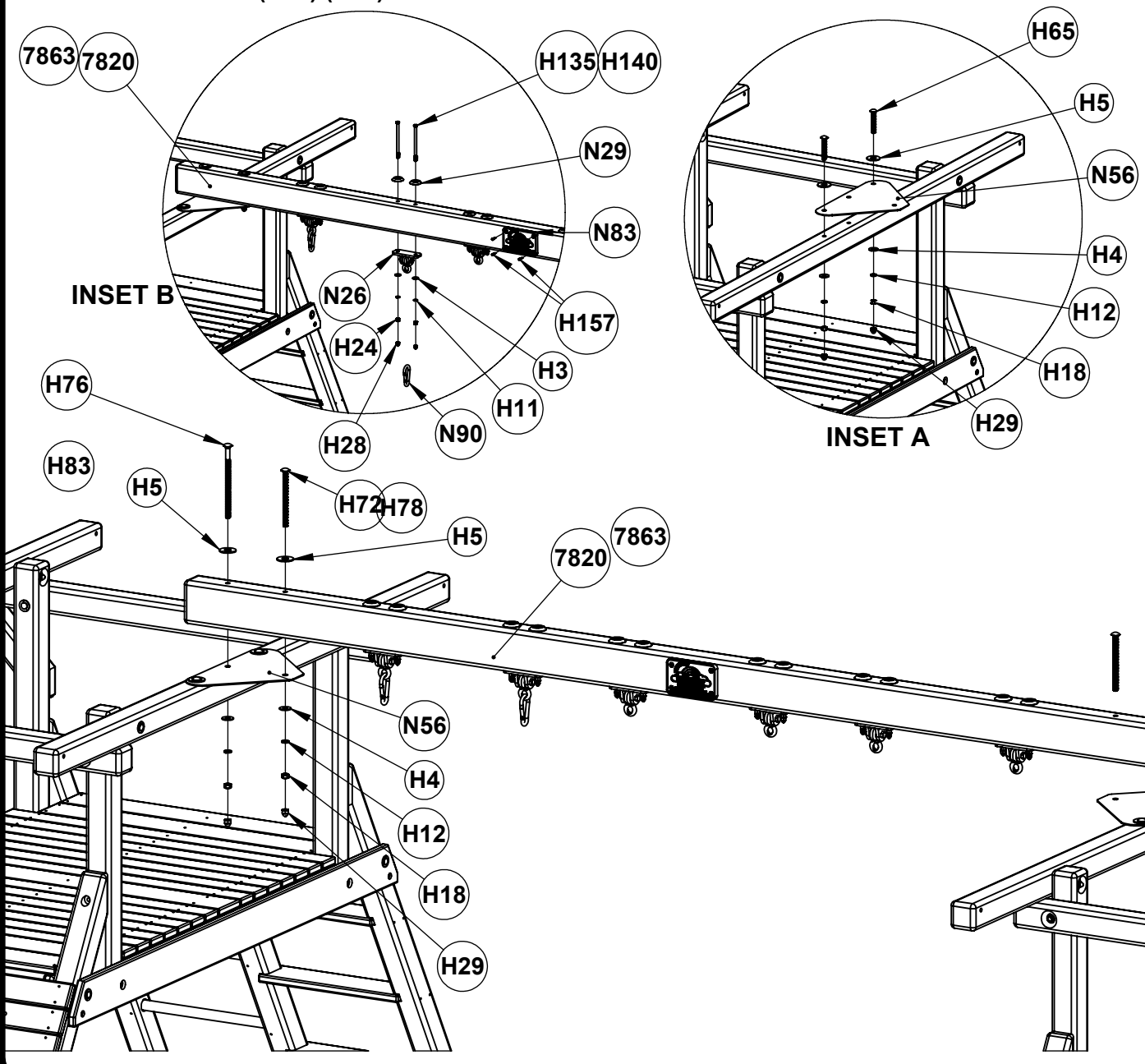


Step 42

Dual Attach Swing Beam Installation

***NOTE: Deck Heights of the two sets that are being connected must be the same.**
***NOTE: Installation processes will be the same for the 2 Position Dual Attach Swing Beam (7863).**

1. Attach Swing Hangers **(N26)** to Swing Beam **(7820) (7863)** using 3/8" Hardware **(H3) (H11) (H24) (H28) (H135)** and 3/8" Bolt Cup **(N29)** (as shown in Inset B).
   ***NOTE: If installing Swing Beam Header (6925), line up holes on Swing Beam with holes on Header and use 3/8" Hardware (H140) instead of 3/8" Hardware (H135) to attach Swing Hangers.**
2. Center Plaque **(N83)** on Swing Beam **(7820) (7863)** and attach using #10 Hardware **(H157)**.
3. Attach Swing Beam Plates **(N56)**, on each set, to Top Joists w/ Swing Holes using 3/4" Hardware **(H5)** and 1/2" Hardware **(H4) (H12) (H18) (H29) (H65)**.
4. Lift up the Swing Beam **(7820) (7863)** into position on top of both Swing Beam Plates **(N56)** and attach using 3/4" Hardware **(H5)** and 1/2" Hardware **(H4) (H12) (H18) (H29) (H72) (H76)**.
   ***NOTE: If installing Swing Beam Header (6925) use 1/2" Hardware (H78) (H83) instead of 1/2" Hardware (H72) (H76).**



Step 43

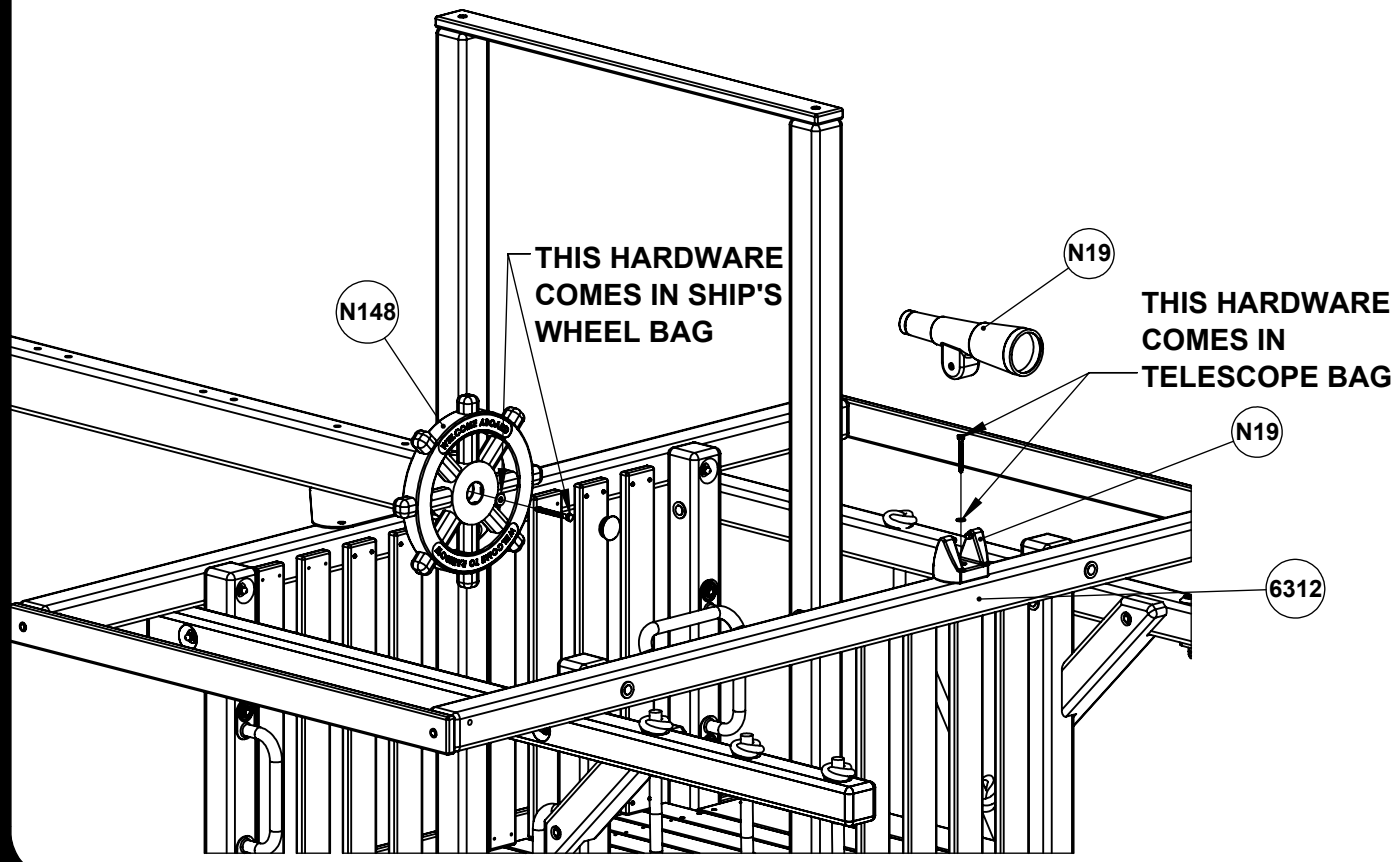
Ship's Wheel & Telescope Installation

***NOTE: Do not over-tighten hardware. Ship's Wheel (N148) and Telescope Base (N19) should rotate freely.**

***NOTE: Pre-drill 1/8" holes for lag bolts in this Step.**

1. Center Ship's Wheel **(N148)** on the end of the Swing Beam and attach using hardware provided in the Ship's Wheel bag. Snap Ship's Wheel Cap into Ship's Wheel.

2. Center Base of Telescope **(N19)** on Top Joist **(6312)** and attach using hardware provided in the Telescope bag. Snap Telescope **(N19)** onto Base.



Step 44

Ground Stake Installation

***WARNING: ALL UNDERGROUND UTILITIES MUST BE LOCATED BEFORE ANCHORING PLAYSET.**

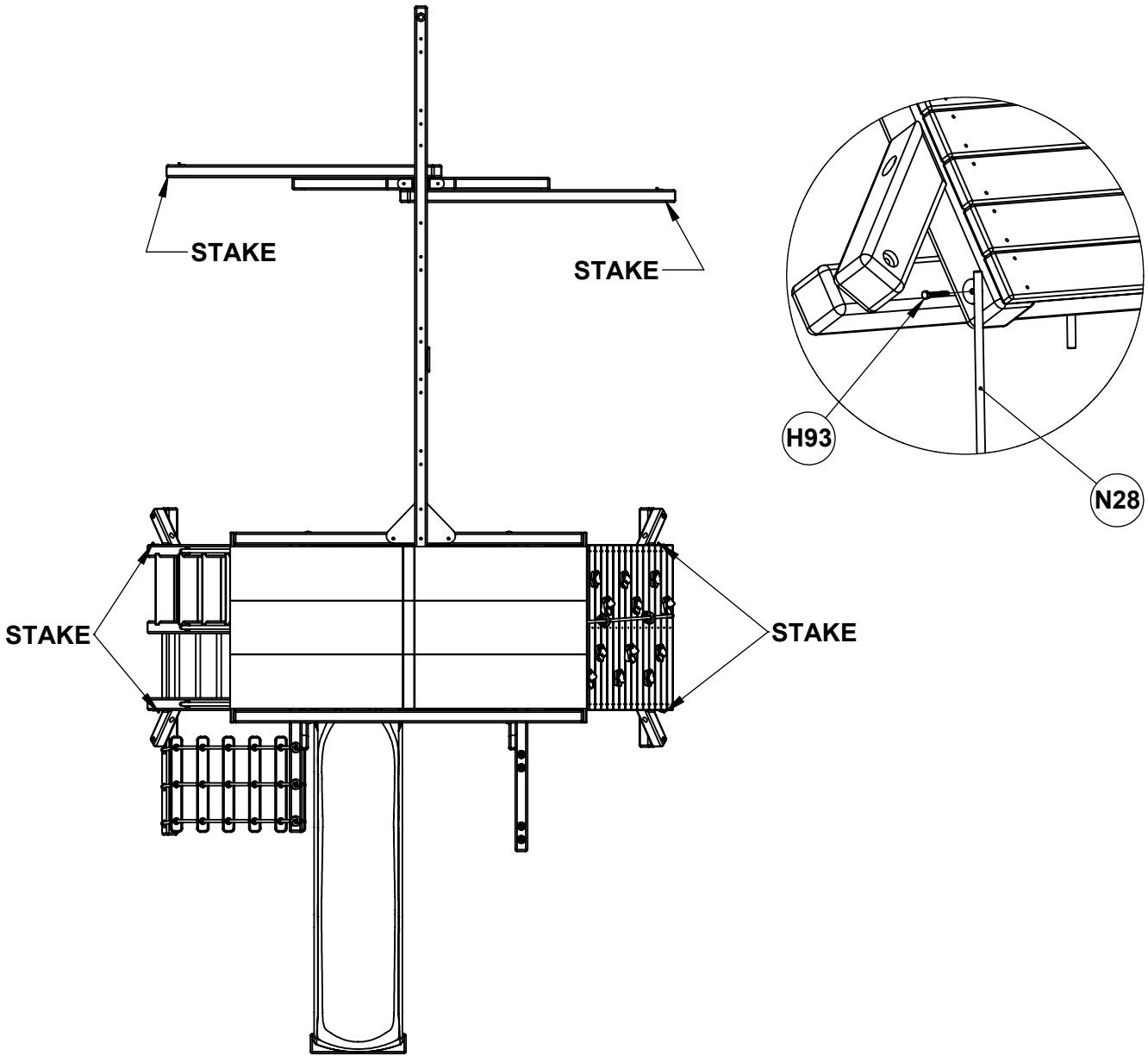
***NOTE: Pre-drill 1/8" holes for all 1/4" Lag Bolts.**

1. Drive Stakes **(N28)** into the ground (in locations shown) and attach to Ladder Legs and Swing Beam A-Frame Legs using 1/4" Hardware **(H93)**. Stakes should stick out **2"- 4"** above the ground.

***NOTE: Stakes must be as close as possible to the Ladder Legs and A-Frame Legs.**

***NOTE: For maximum strength, drive Stakes into the ground at a slight angle.**

***CAUTION: Do not hit washer while pounding the stakes into the ground. This may cause washer to break off.**

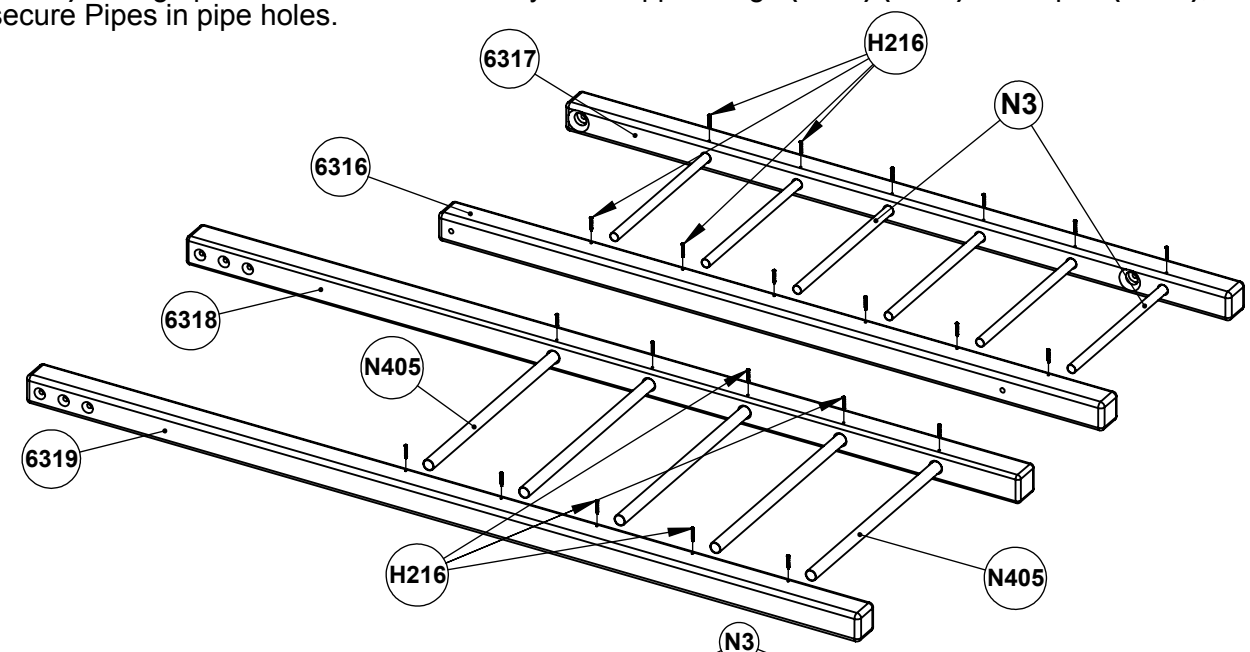


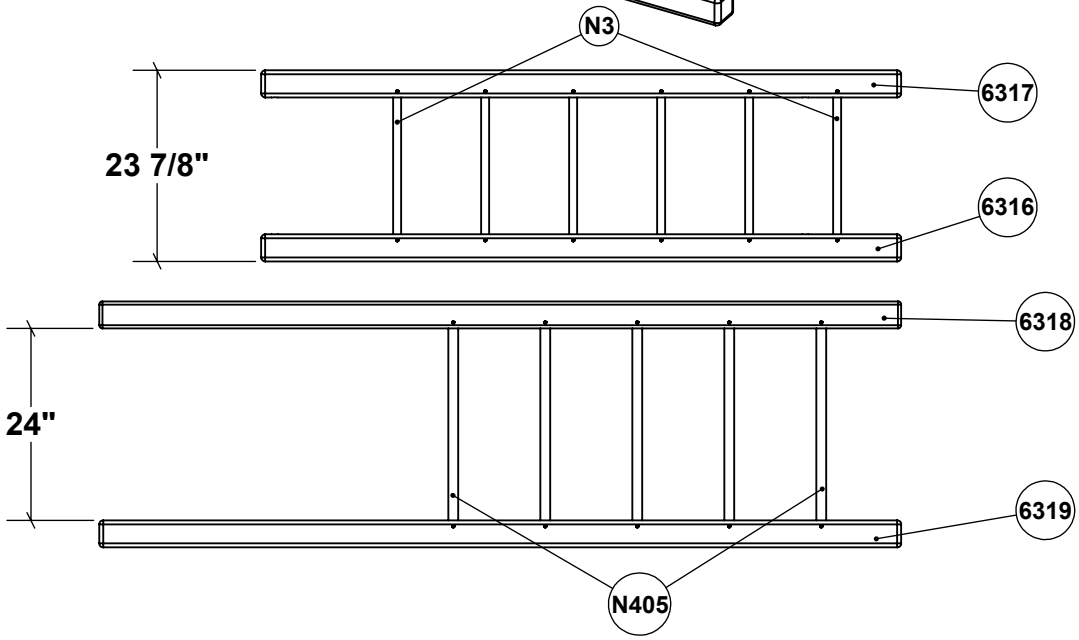
Step 45

4 x 4 Monkey Bar Assembly

***NOTE: 4x4 Monkey Bar only works on the 62" Deck Height Circus Castle.**
***NOTE: Penthouse cannot be installed on the 4 x 4 Monkey Bar Assembly.**

1. Place Left and Right Monkey Bar Arms **(6316) (6317)** on a flat surface directly across from each other, oriented with 3/16" pre-drilled holes facing up as shown.
2. Insert Pipes **(N3)** into pipe holes into both Monkey Bar Arms **(6316) (6317)** to connect the two Monkey Bar Arms **(6316) (6317)** together.
   ***NOTE: Monkey Bar assembly must measure 23 7/8" wide when properly assembled.**
3. Ensure width of Monkey Bar assembly is **23 7/8"** wide (as shown) and insert #8 Hardware **(H216)** through pre-drilled holes in Monkey Bar Arms **(6316) (6317)** into Pipes **(N3)**, to secure Pipes in pipe holes.
4. Position Monkey Bar Support Legs **(6318) (6319)** on flat surface directly across from each other, with 3/16" pre-drilled holes of Support Legs facing up as shown.
5. Insert Pipes **(N405)** into pipe holes into both Monkey Bar Support Legs **(6318) (6319)** to connect the two Monkey Bar Support Legs **(6318) (6319)** together.
   ***NOTE: Inside faces of Support Legs must measure 24" when properly assembled.**
6. Ensure width of Monkey Bar Support Legs assembly is **24"** wide (as shown) and insert #8 Hardware **(H216)** through pre-drilled holes in Monkey Bar Support Legs **(6318) (6319)** into Pipes **(N405)**, to secure Pipes in pipe holes.





Step 46

Monkey Bar Installation

***NOTE: A Helper will be needed to complete this Step.**

***NOTE: Rail Uprights (1232) should not have been installed in the opening that the Monkey Bar is being installed in. If Rail Uprights were installed, remove and reinstall after Monkey Bar has been installed.**

***NOTE: The Accessory Arm (6198) should have been cut down in a previous Step. Hardware that was installed to attach Accessory Arm will have to be removed on one end to attach Monkey Bar.**

1. In the opening the Monkey Bar is being installed in, measure down from bottom of Top Joist **(6312) 1 11/16”** and drill a hole in each Corner Upright **(6102)** and Center Post **(6309) (6315)**, using a **7/16” drill bit** (as shown in Inset A).

   ***NOTE: The 7/16” diameter holes must be drilled in the centers of the Corner Upright and Center Post.**

2. On the ground, position Monkey Bar inside of Monkey Bar Support, lining up the bottom holes in the Support with the holes in the Monkey Bar.

   ***NOTE: Monkey Bar must be oriented, with the counter bored holes towards the end of the Monkey Bar, pointing up (as shown).**

3. Attach Monkey Bar Support to Monkey Bar using 1/2” Hardware **(H4)** and 3/8” Hardware **(H3) (H11) (H17) (H56)**. Do not fully tighten Hardware at this time.

4. Lift up on Monkey Bar and position Monkey Bar Brackets **(7024) (7025)** against Monkey Bar and Support so that all faces of Monkey Bar, Support and Brackets are flush. Attach Monkey Bar Brackets to Monkey Bar and Monkey Bar Support using 3/8” Hardware **(H3) (H116)**.

   ***NOTE: There should be no gaps in all adjoining faces of Monkey Bar Brackets, Monkey Bar & Monkey Bar Support when properly installed.**

5. Lift Monkey Bar assembly up into opening and align holes in Monkey Bar with previously drilled holes in Corner Upright **(6102)** and Center Post **(6309) (6315)**.

6. Attach Monkey Bar to Corner Upright **(6102)** and Center Post **(6309) (6315)** using 1/2” Hardware **(H4)** and 3/8” Hardware **(H3) (H11) (H17) (H28) (H56) (H139)**.

7. Check that Monkey Bar is level and fully tighten Hardware from #3. Attach 3/8” Hardware **(H28)** to the end of 3/8” Hardware **(H56)** from #3.

8. Measure down from top of Monkey Bar Support **23 1/2”** and attach Ladder Handles **(N391)** to Support using 5/16" Hardware **(H104)**.

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Step 46

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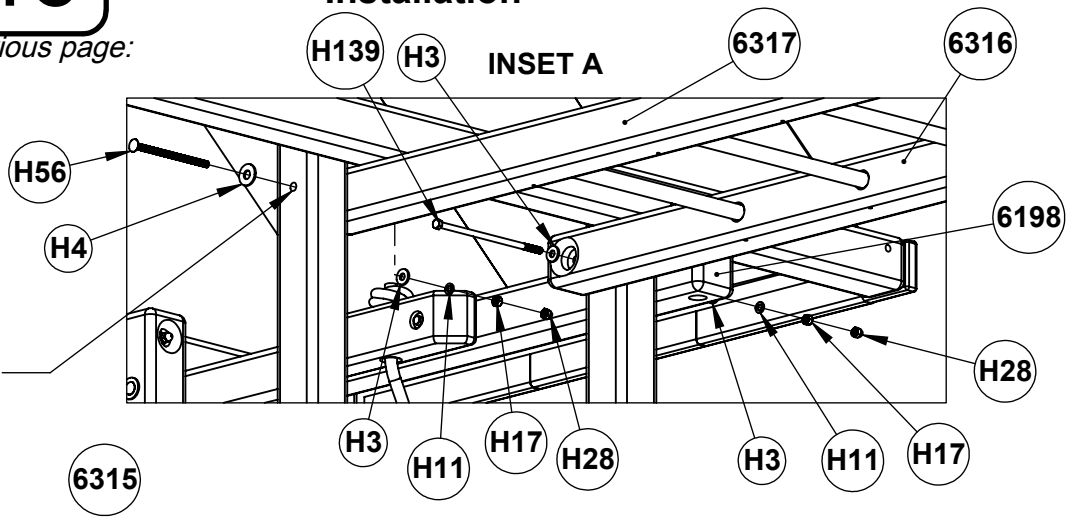
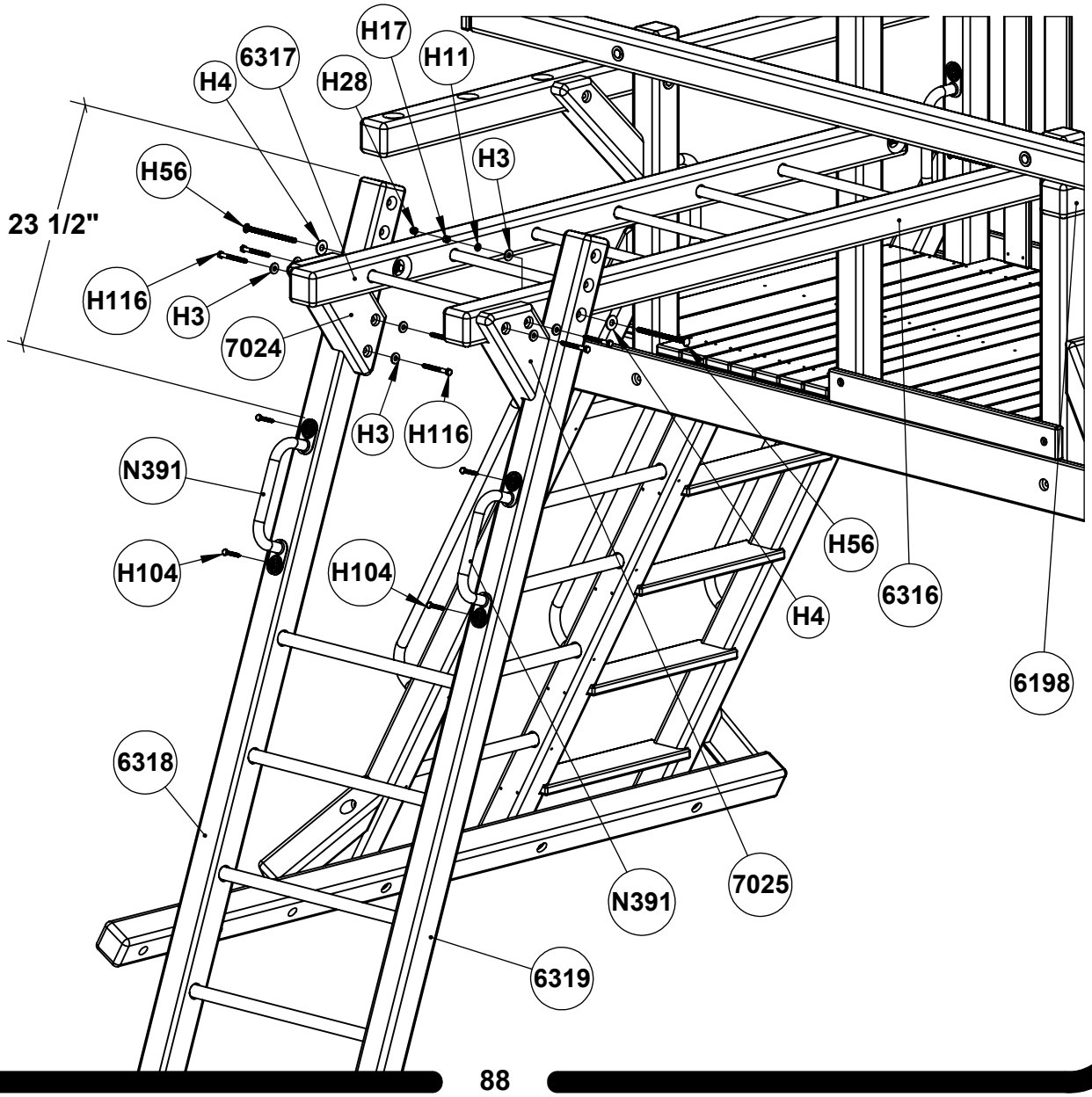
4x4 Monkey Bar Installation





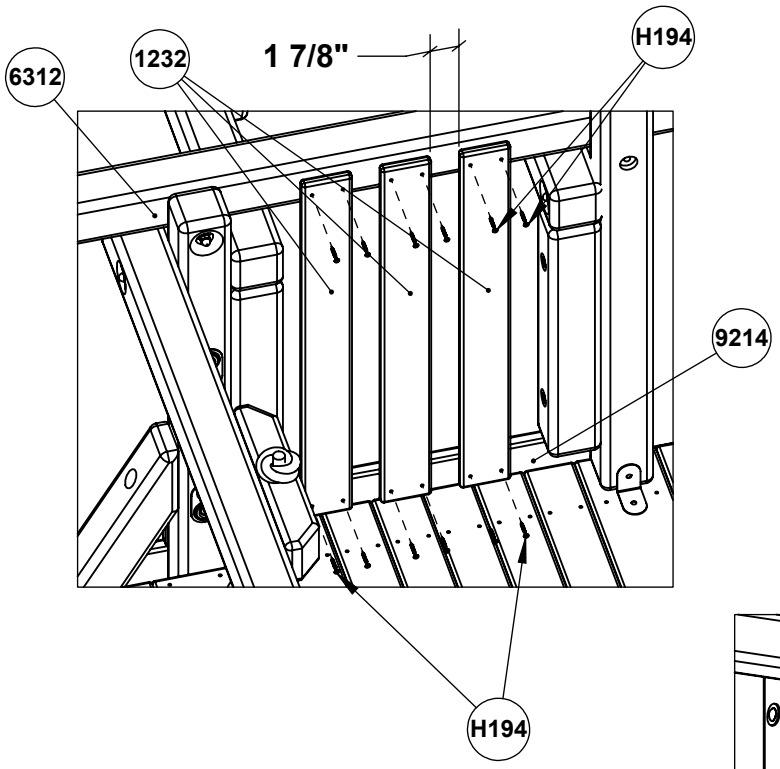
Step 47

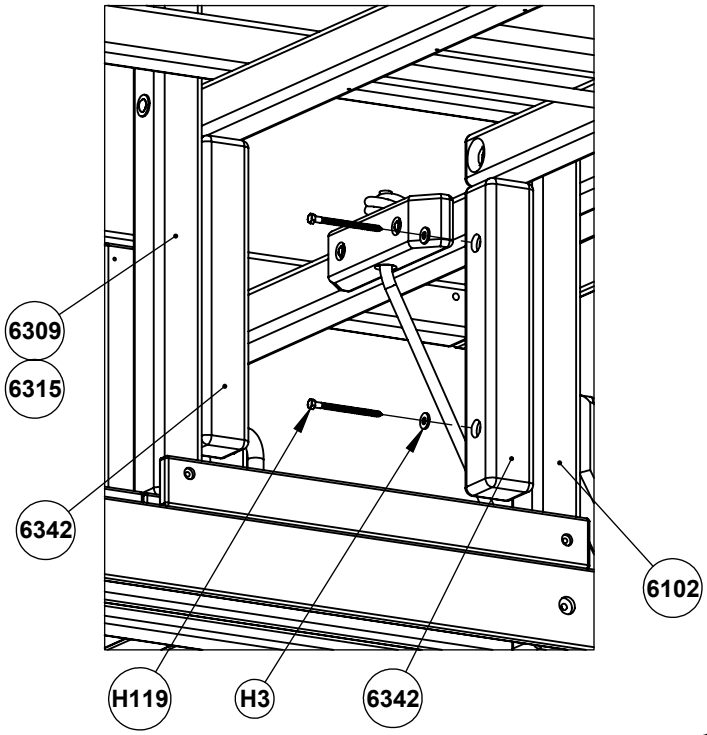
Monkey Bar Support Block & Rail Upright Installation

1. Position Monkey Bar Support Blocks **(6342)** against Corner Upright **(6102)** and Center Post **(6309) (6315)**, pushed up tight to underside of Monkey Bar.

2. Attach Monkey Bar Support Blocks **(6342)** using 3/8" Hardware **(H3) (H119)**.

3. On inside of set, evenly space three Rail Uprights **(1232)** across Front Facia **(9124)** and Top Joist **(6312)**, in between Monkey Bar Support Blocks **(6342)**. Attach Rail Uprights using #8 Hardware **(H194)**.
   ***NOTE: Gaps between Rail Uprights and Support Blocks should measure approximately 1 7/8" when properly installed.**

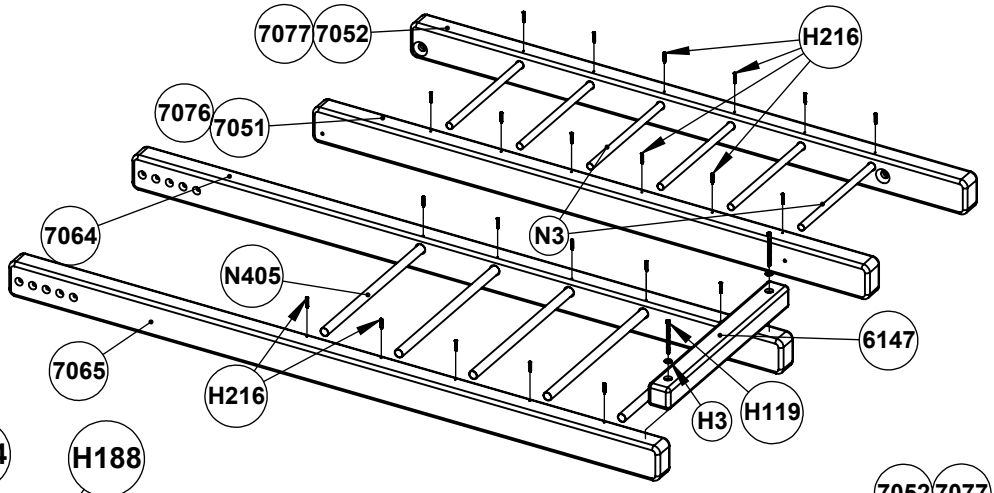


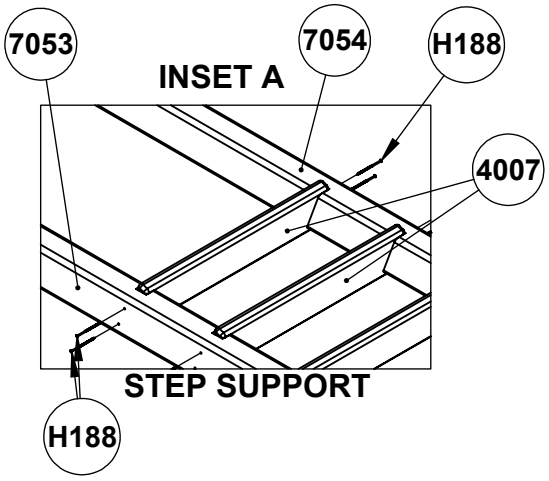


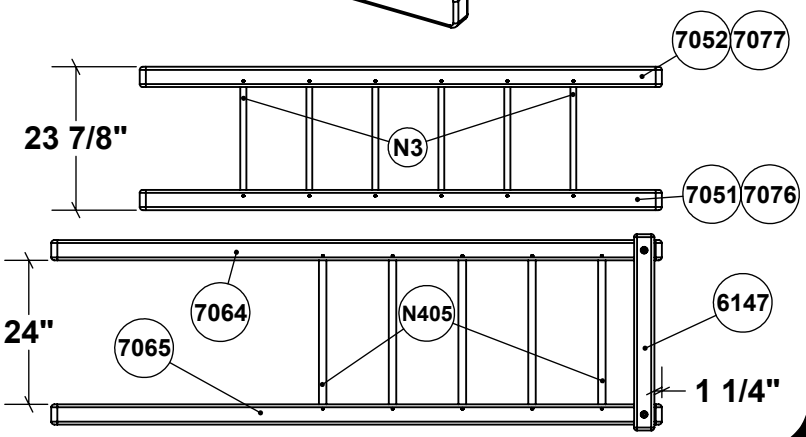
Step 48

4 x 6 Monkey Bar Assembly

1. Place Left and Right Monkey Bar Arms **(7051) (7052)** on a flat surface directly across from each other, oriented with 3/16" pre-drilled holes facing up as shown.
2. Insert Pipes **(N3)** into pipe holes into both Monkey Bar Arms **(7051) (7052)** to connect the two Monkey Bar Arms **(7051) (7052)** together.
   ***NOTE: Monkey Bar assembly must measure 23 7/8" wide when properly assembled.**
3. Ensure width of Monkey Bar assembly is **23 7/8"** wide (as shown) and insert #8 Hardware **(H216)** through pre-drilled holes in Monkey Bar Arms **(7051) (7052)** into Pipes **(N3)**, to secure Pipes in pipe holes.
   ***NOTE: Steps for installing the Rung Support Monkey Bar are shown. If installing Step Support Monkey Bar, Support Legs (7053) (7054) will have to be attached together (as shown in Inset A), using same measurements given for the Rung Support. Attach Support Legs (7053) (7054) to Ladder Steps (4007) using #8 Hardware (H188). Steps should be centered in notches.**
   ***NOTE: Steps for installing the 62"/64"/66" DH Extended Monkey Bar will use the same processes as shown below and in Inset A. The Extended Monkey Bar will use Monkey Bar Arms (7076) (7077) and a total of 11 Pipes (N3) will be installed. Parts List for the Extended Monkey Bar is located towards the back of the manual.**
4. Position Monkey Bar Support Legs **(7064) (7065)** on flat surface directly across from each other, with 3/16" pre-drilled holes of Support Legs facing up as shown.
5. Insert Pipes **(N405)** into pipe holes into both Monkey Bar Support Legs **(7064) (7065)** to connect the two Monkey Bar Support Legs **(7064) (7065)** together.
   ***NOTE: Inside faces of Support Legs must measure 24" when properly assembled.**
6. Ensure width of Monkey Bar Support Legs assembly is **24"** wide (as shown) and insert #8 Hardware **(H216)** through pre-drilled holes in Monkey Bar Support Legs **(7064) (7065)** into Pipes **(N405)**, to secure Pipes in pipe holes.
7. Measure up **1 1/4"** from bottom of Support Legs **(7064) (7065) (7053) (7054)** and attach Monkey Bar Ground Runner **(6147)** to back side of Monkey Bar Support using 3/8" Hardware **(H3) (H119)**.
   ***NOTE: Counter bored holes in Monkey Bar Ground Runner (6147) should be centered on Support Legs (7064) (7065) (7053) (7054) when properly installed.**







Step 49

4 x 6 Monkey Bar Installation

***NOTE: A Helper will be needed to complete this Step.**

***NOTE: Rail Uprights (1232) should not have been installed in the opening that the Monkey Bar is being installed in. If Rail Uprights were installed, remove and reinstall after Monkey Bar has been installed.**

***NOTE: The Accessory Arm (6198) should have been cut down in a previous Step. Hardware that was installed to attach Accessory Arm will have to be removed on one end to attach Monkey Bar.**

***NOTE: Installation processes will be the same for both the Step and Rung Support Monkey Bars.**

1. In the opening the Monkey Bar is being installed in, measure down from bottom of Top Joist **(6312) 1 11/16"** and drill a hole in each Corner Upright **(6102)** and Center Post **(6309) (6315)**, using a **7/16" drill bit** (as shown in Inset A).
   ***NOTE: The 7/16" diameter holes must be drilled in the centers of the Corner Upright and Center Post.**

2. On the ground, position Monkey Bar inside of Monkey Bar Support, lining up the **bottom holes** in the Support with the hole in the Monkey Bar (as shown), if installing Monkey Bar on a **62" Deck Height** Circus Castle. If installing Monkey Bar on a **66" Deck Height** Circus Castle, line up **third holes up** in Support Legs with holes in Monkey Bar.

   ***NOTE: Monkey Bar must be oriented, with the counter bored holes towards the end of the Monkey Bar, pointing up (as shown).**

3. Attach Monkey Bar Support to Monkey Bar using 1/2" Hardware **(H4)** and 3/8" Hardware **(H3) (H11) (H17) (H56)**. Do not fully tighten Hardware at this time.

4. Lift up on Monkey Bar and position Monkey Bar Brackets **(7024) (7025)** against Monkey Bar and Support so that all faces of Monkey Bar, Support and Brackets are flush. Attach Monkey Bar Brackets to Monkey Bar and Monkey Bar Support using 3/8" Hardware **(H3) (H116)**.
   ***NOTE: There should be no gaps in all adjoining faces of Monkey Bar Brackets, Monkey Bar & Monkey Bar Support when properly installed.**

5. Lift Monkey Bar assembly up into opening and align holes in Monkey Bar with previously drilled holes in Corner Upright **(6102)** and Center Post **(6309) (6315)**.

6. Attach Monkey Bar to Corner Upright **(6102)** and Center Post **(6309) (6315)** using 1/2" Hardware **(H4)** and 3/8" Hardware **(H3) (H11) (H17) (H28) (H56) (H139)**.

7. Check that Monkey Bar is level and fully tighten Hardware from #3. Attach 3/8" Hardware **(H28)** to the end of 3/8" Hardware **(H56)** from #3.

8. Measure down from top of Monkey Bar Support 23" and attach Ladder Handles **(N391)** to Support using 5/16" Hardware **(H104)**.

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Step 49

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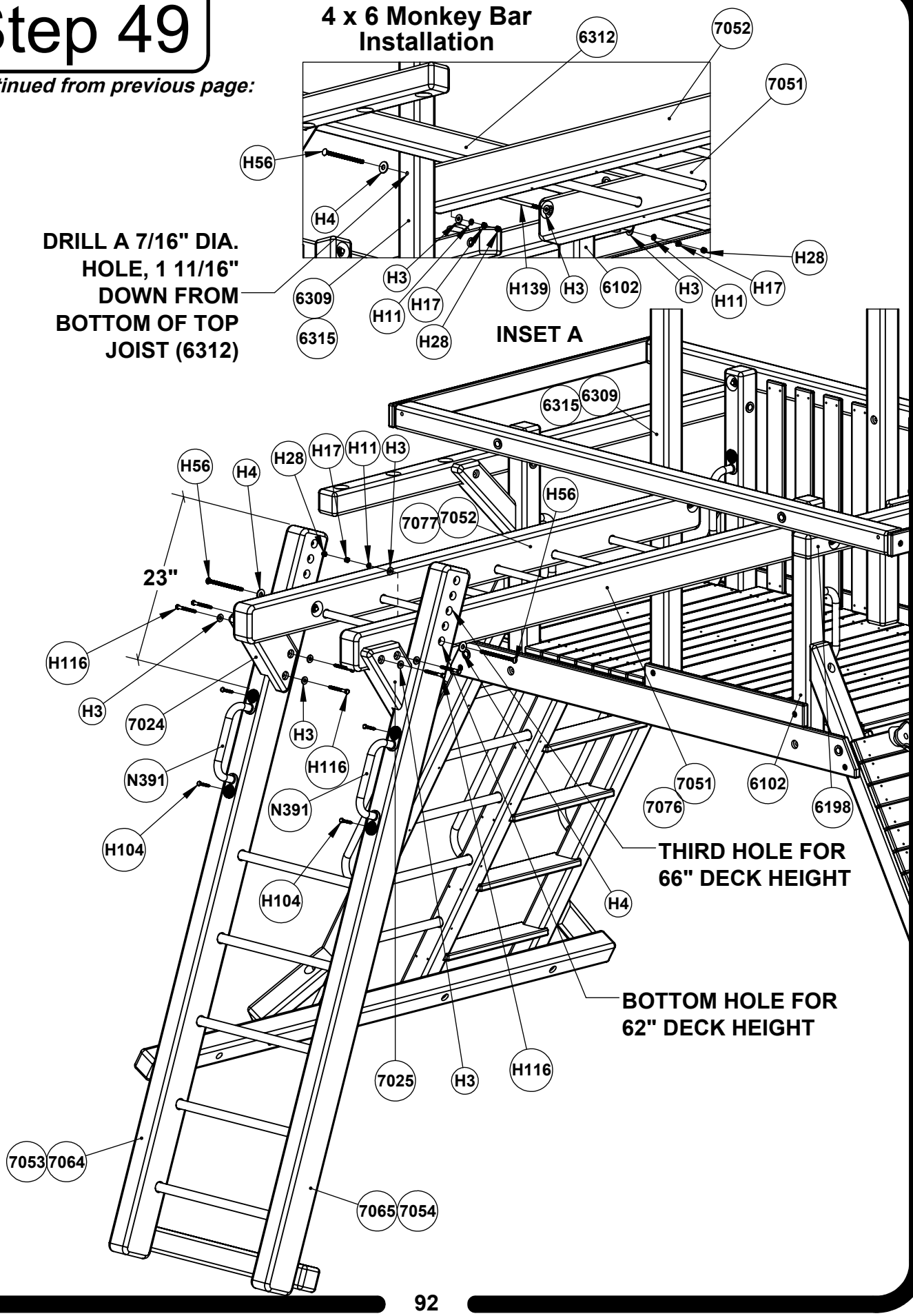


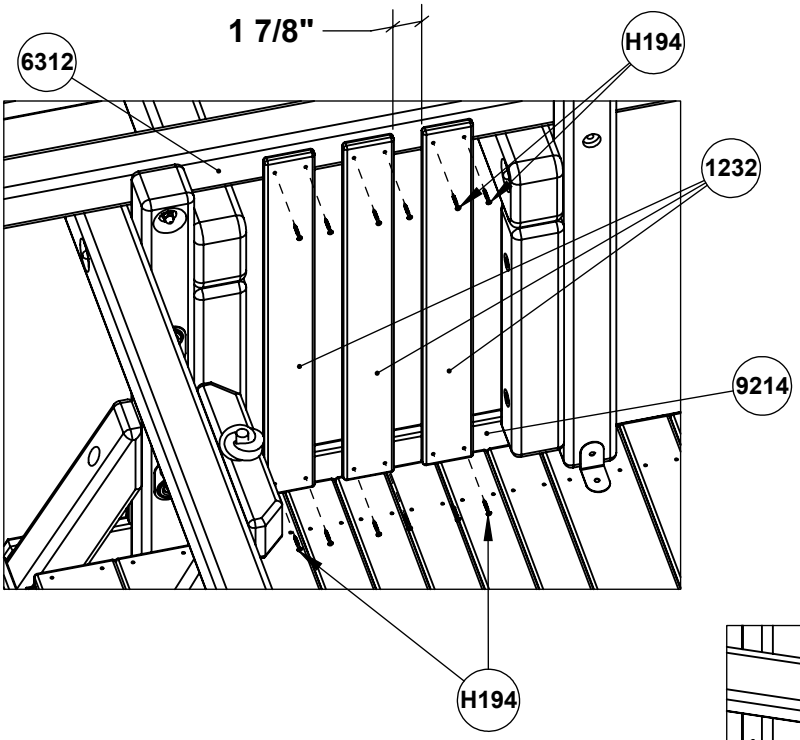
Step 50

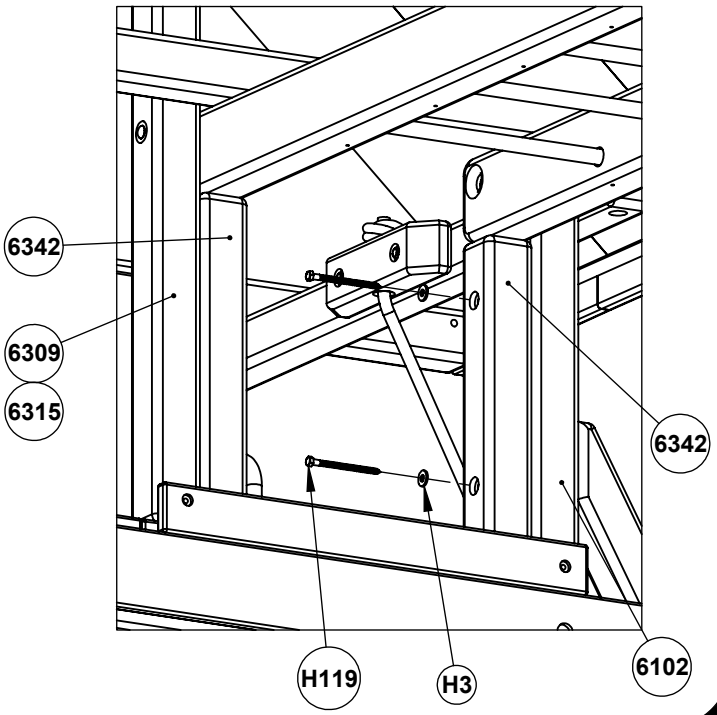
Monkey Bar Support Block & Rail Upright Installation

1. Position Monkey Bar Support Blocks **(6342)** against Corner Upright **(6102)** and Center Post **(6309) (6315)**, pushed up tight to underside of Monkey Bar.

2. Attach Monkey Bar Support Blocks **(6342)** using 3/8" Hardware **(H3) (H119)**.

3. On inside of set, evenly space three Rail Uprights **(1232)** across Front Facia **(9214)** and Top Joist **(6312)**, in between Monkey Bar Support Blocks **(6342)**. Attach Rail Uprights using #8 Hardware **(H194)**.
   ***NOTE: Gaps between Rail Uprights and Support Blocks should measure approximately 1 7/8" when properly installed.**





Step 51

Chin Up Bar Installation

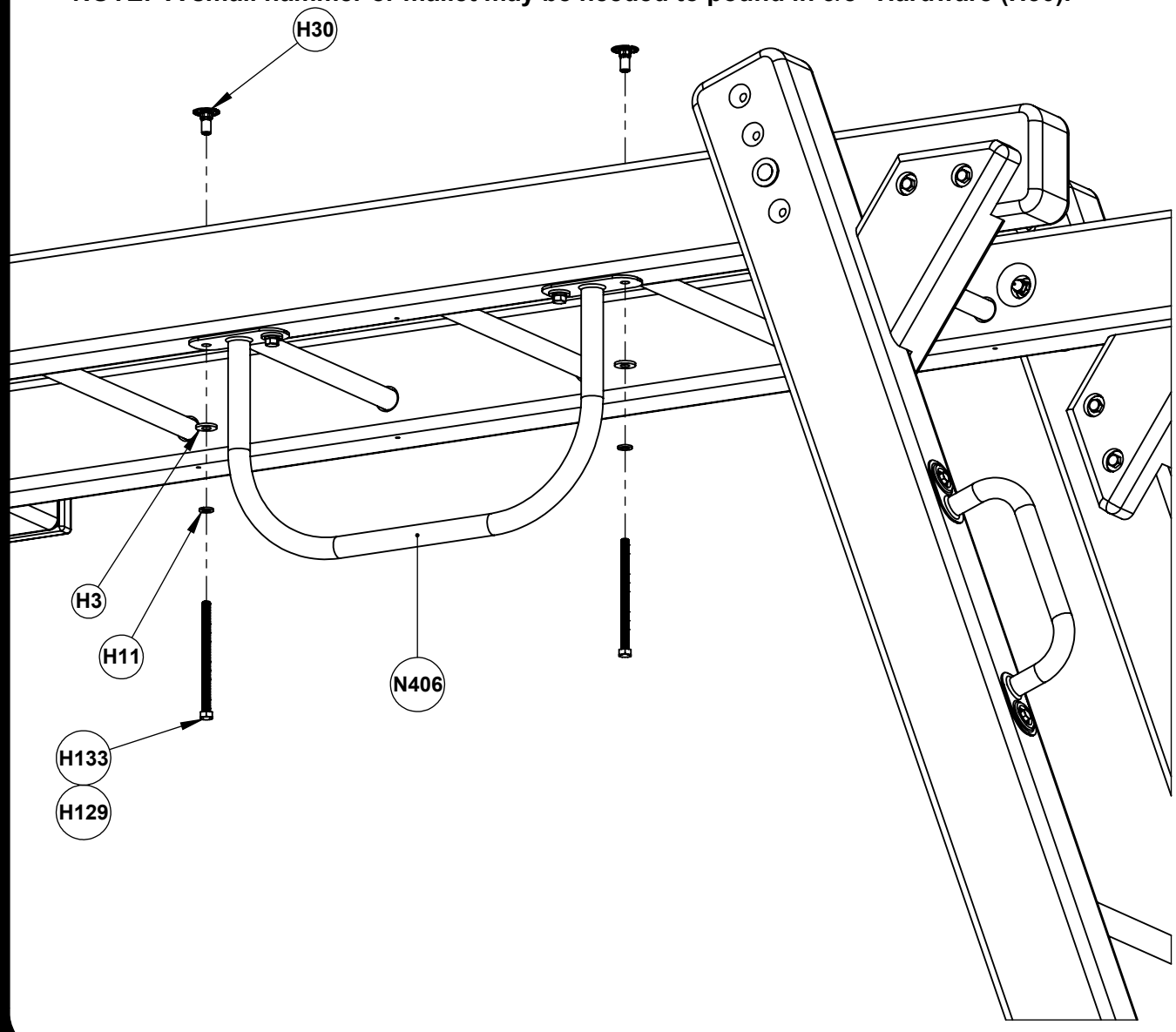
***NOTE: Depending on set configuration, Chin Up Bar may be mounted on either Monkey Bar arm.**

***NOTE: The Chin Up Bar can be mounted on both the 4x4 and 4x6 Monkey Bars. 3/8" Hardware (H129) will be used if mounting the Chin Up Bar on the 4x4 Monkey Bar.**

1. Hold Chin Up Bar **(N406)** on underside of Monkey Bar in approximate location shown. Make a mark in all four holes of the Chin Up Bar **(N406)**.
   ***NOTE: Be sure when positioning Chin Up Bar, drill holes will not hit Rungs in Monkey Bar.**

2. Drill holes through Monkey Bar, on previously made marks, using a **7/16" drill bit**.

3. Attach Chin Up Bar **(N406)** to Monkey Bar using 3/8" Hardware **(H3) (H11) (H30) (H133)**.
   ***NOTE: 3/8" Hardware (H129) will be used in place of 3/8" Hardware (H133) if installing the Chin Up Bar on the 4x4 Monkey Bar.**
   ***NOTE: A small hammer or mallet may be needed to pound in 3/8" Hardware (H30).**

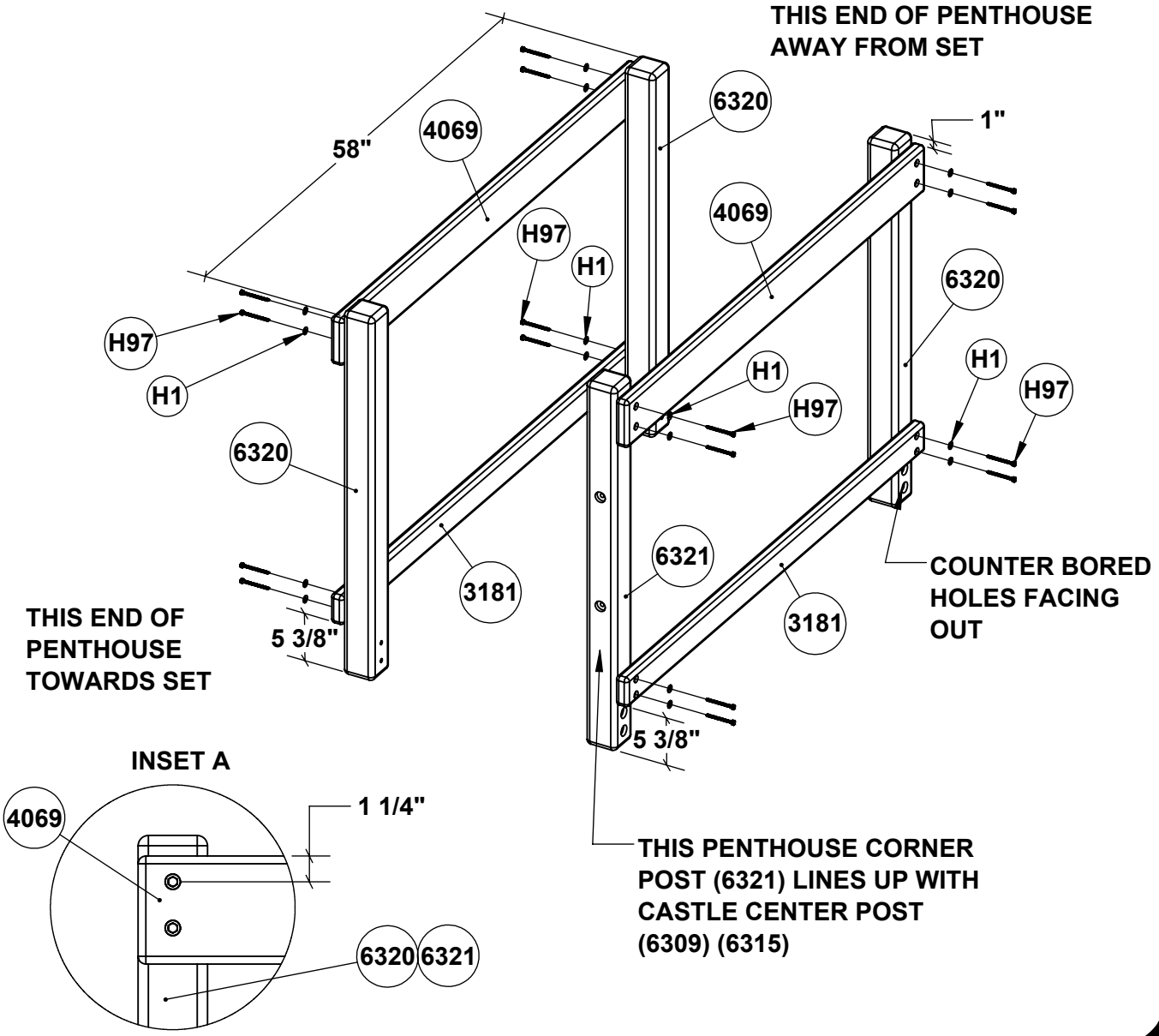


Step 52

Penthouse Assembly

***NOTE: Pre-drill holes for all Lag Bolts using the appropriate drill bit.**
***NOTE: For ease of assembly, construct Penthouse on a flat, level surface.**
***NOTE: Penthouse cannot be installed on the Circus Castle (58" Deck Height).**

1. Lay Penthouse Corner Posts **(6320) (6321)** on ground **58"** apart, with counter bored holes facing up. Measure down **1"** from top of Penthouse Corner Posts **(6320) (6321)** and attach Penthouse Side Boards **(4069)** using 1/4" Hardware **(H1) (H97)**. Offset holes must be oriented as shown in Inset A.
   ***NOTE: Penthouse Corner Post (6321) must be installed on the side of the Penthouse that will line up with the Castle Center Post (6309) (6315), and on the end of the Penthouse that will face towards the set.**
   ***NOTE: Only install one Penthouse Side Board (3181) if assembling Penthouse with Spiral Slide.**
2. Measure up **5 3/8"** up from bottom of Penthouse Corner Posts **(6320) (6321)** and attach Penthouse Side Boards **(3181)** using 1/4" Hardware **(H1) (H97)**.



Step 53

Penthouse Assembly

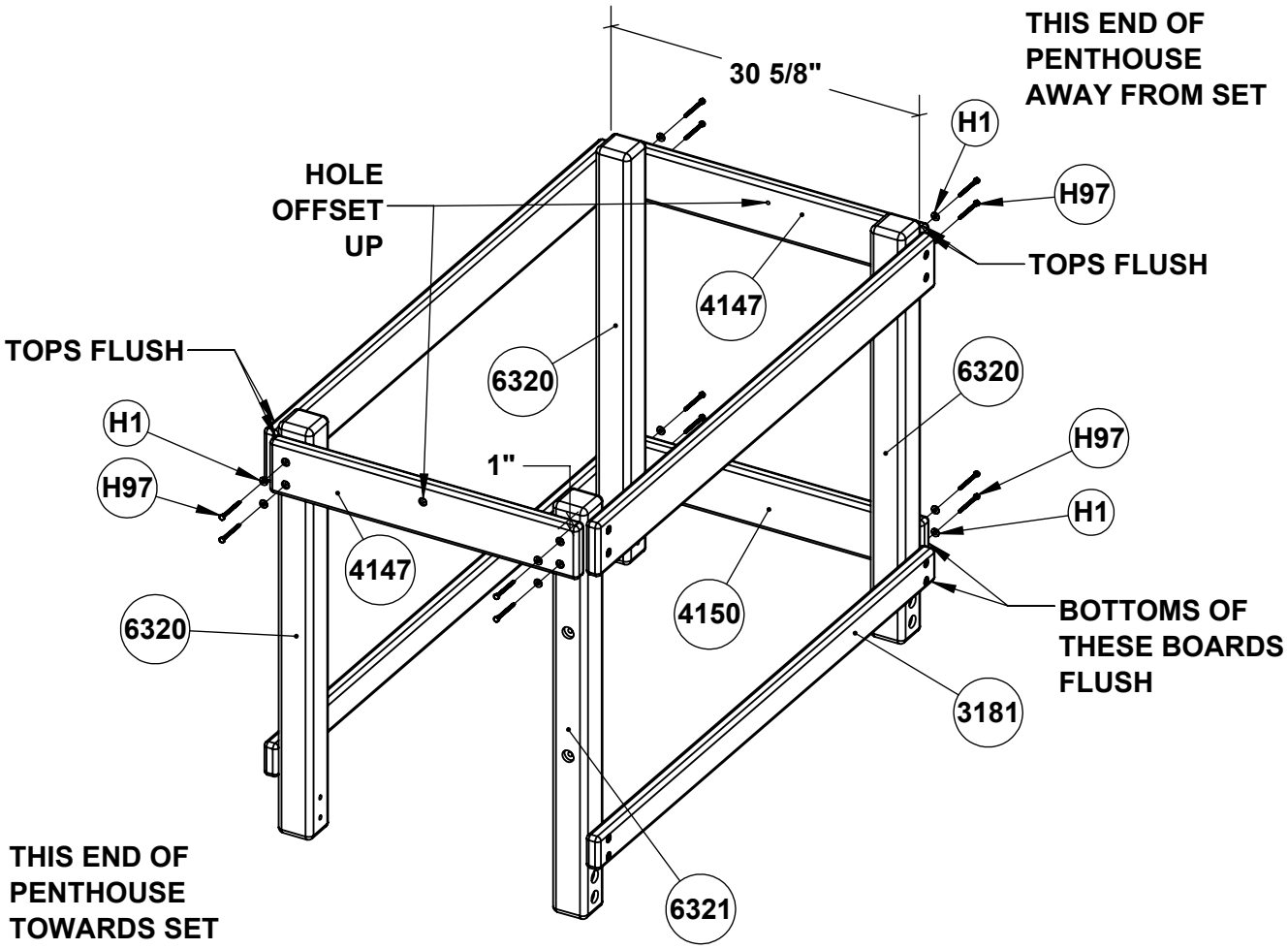
***NOTE: Ensure now and periodically throughout construction the Facias and Uprights are plumb and level.**

***NOTE: If installing Penthouse with Spiral, be sure to orient Penthouse correctly relative to the side with the Spiral Slide.**

1. Stand up Penthouse wall assemblies, positioned **30 5/8"** apart. On each end of Penthouse, measure down **1"** from tops of Penthouse Corner Posts **(6320) (6321)** and attach Tarp Facias **(4147)** using 1/4" Hardware **(H1) (H97)**.

   ***NOTE: Center counter bored hole in Tarp Facia (4147) must be offset up when properly installed.**

2. On end of Penthouse that faces away from set, attach Penthouse End Facia **(4150)** to Penthouse Corner Posts **(6320)** using 1/4" Hardware **(H1) (H97)**. Bottom of Penthouse End Facia **(4150)** will be flush with bottom of previously installed Penthouse Side Board **(3181)** when properly installed.



Step 54

Penthouse Tarp Board Installation

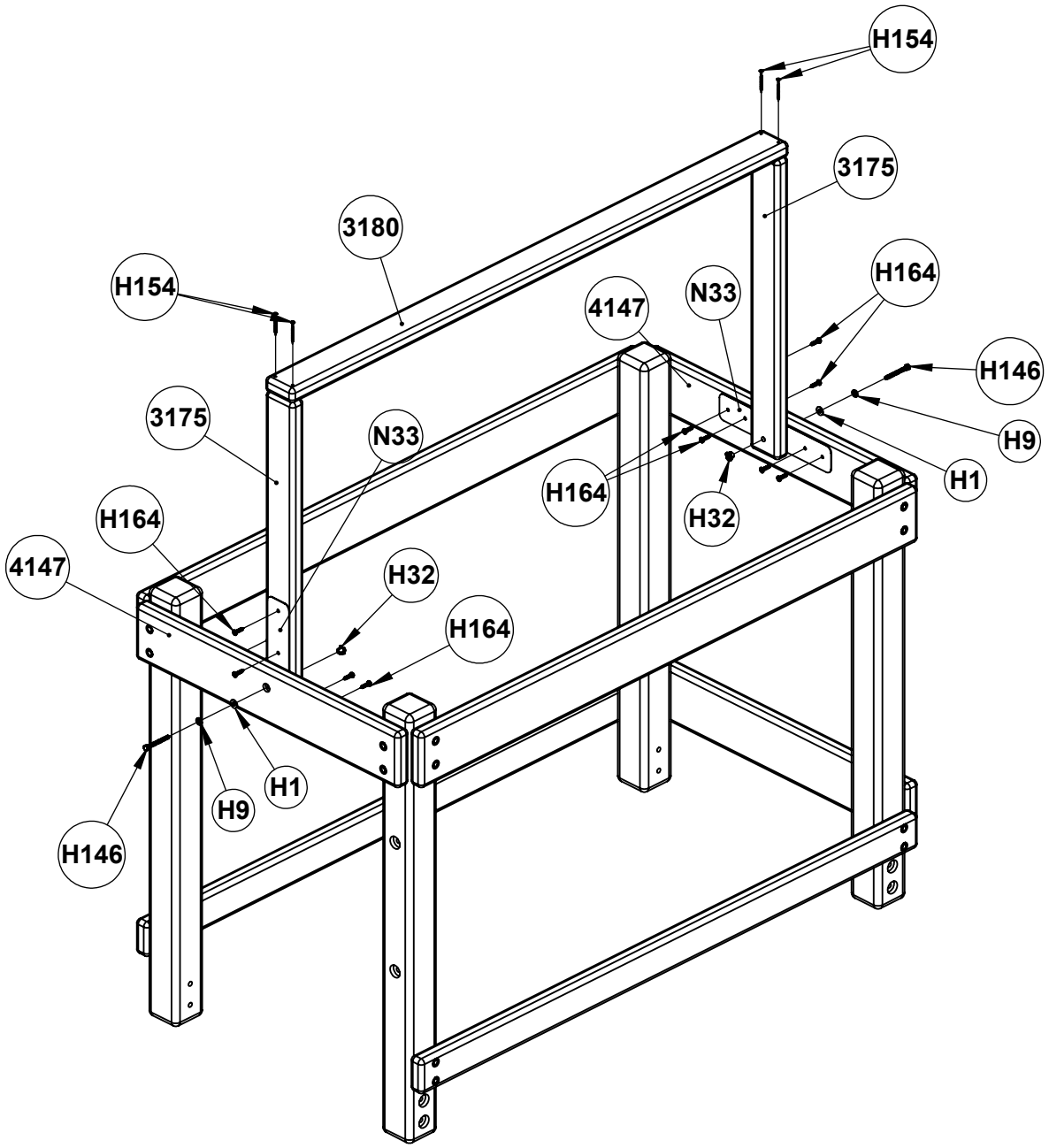
***NOTE: If installing wood roof, skip to next Step.**

1. Using a small hammer, pound 1/4" Hardware **(H32)** into holes in Short Penthouse Center Posts **(3175)**.

2. Attach T-Brackets **(N33)** and Short Penthouse Center Posts **(3175)** through center holes in Tarp Facias **(4147)** using 1/4" Hardware **(H1) (H9) (H32) (H146)**.

3. Ensure Short Penthouse Center Posts **(3175)** are plumb and finish securing T-Brackets **(N33)** using #14 Hardware **(H164)**.

4. Flush Tarp Board **(3180)** with outside faces of Short Penthouse Center Posts **(3175)** and attach using #8 Hardware **(H154)**.



Step 55

Penthouse Wood Roof Installation

1. Install 1/4" Hardware **(H1) (H9) (H32) (H215)** into center holes in Tarp Facias **(4147)**. A small hammer or mallet may be used to pound 1/4" Hardware **(H32)** into back of Tarp Facias **(4147)**.

2. Position Penthouse Wood Roof Supports **(3183)** on top of Penthouse Corner Posts **(6320) (6321) 15/16"** from outside face of Penthouse Corner Posts (as shown in Inset A). Attach Penthouse Roof Supports **(3183)** using 1/4" Hardware **(H1) (H100)**.

   ***NOTE: Penthouse Roof Supports (3183) should be flush together at the tops, centered in the middle of Penthouse when properly installed.**

3. Line up angled edges of Peak Facias **(0087)** with Penthouse Wood Roof Supports **(3183)** and attach using #8 Hardware **(H154)**. Edges of Peak Facias **(0087)** must not protrude past edges of Penthouse Wood Roof Supports **(3183)**.

4. Flush ends of Tarp Board **(3180)** with outside faces of Peak Facia **(0087)** and attach using #8 Hardware **(H154)**.

5. Measure up **1 1/4"** from top of Penthouse Corner Posts **(6320) (6321)** and attach Entrapment Board **(9183)** to Penthouse Wood Roof Supports **(3183)** using #8 Hardware **(H154)**.

   ***NOTE: Ends of Entrapment Board (9183) must not protrude past edges of Penthouse Wood Roof Supports (3183) when properly installed.**

   ***NOTE: Penthouse Roof Boards will be installed in a later step.**

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Step 55

Penthouse Wood Roof Installation

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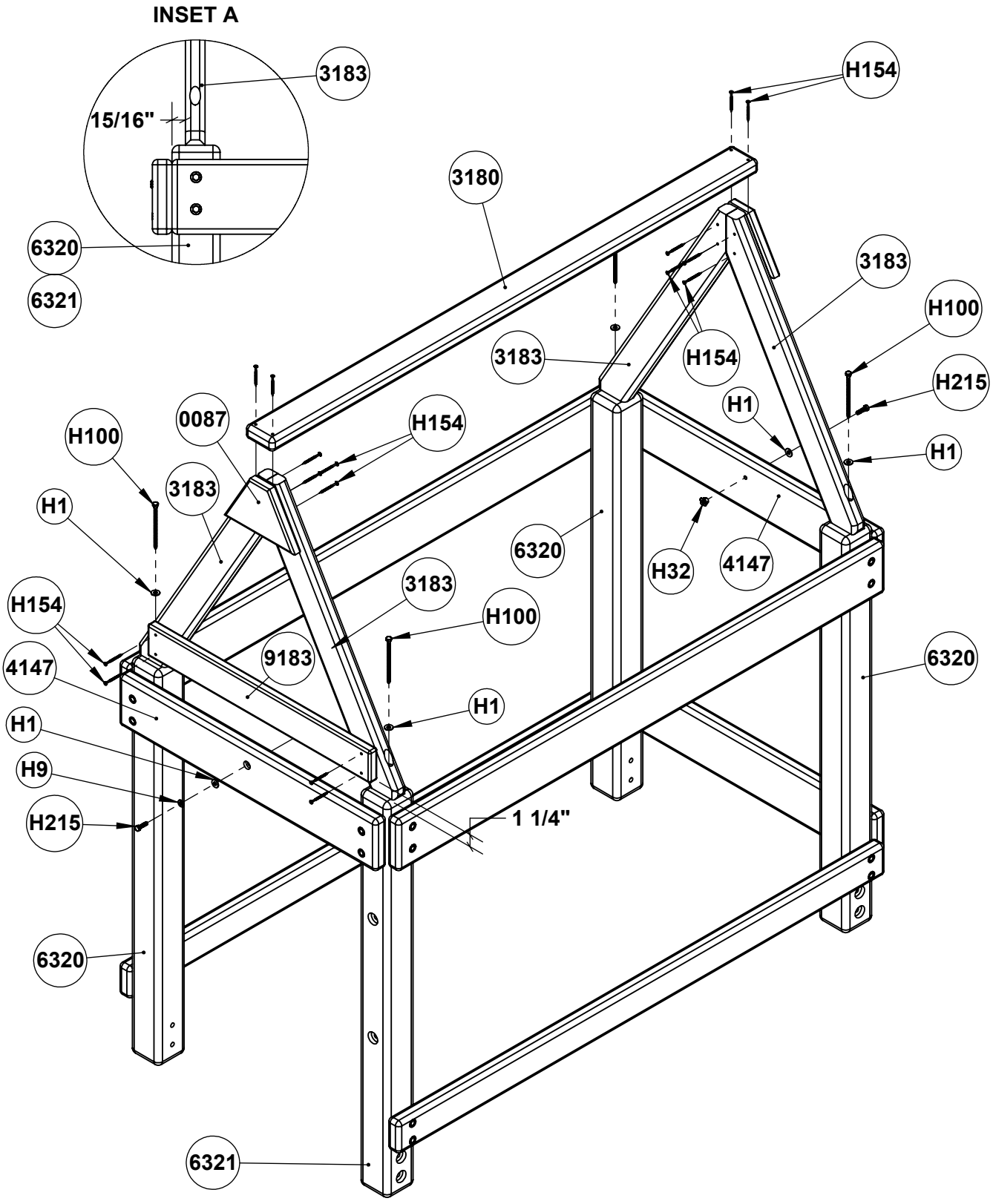


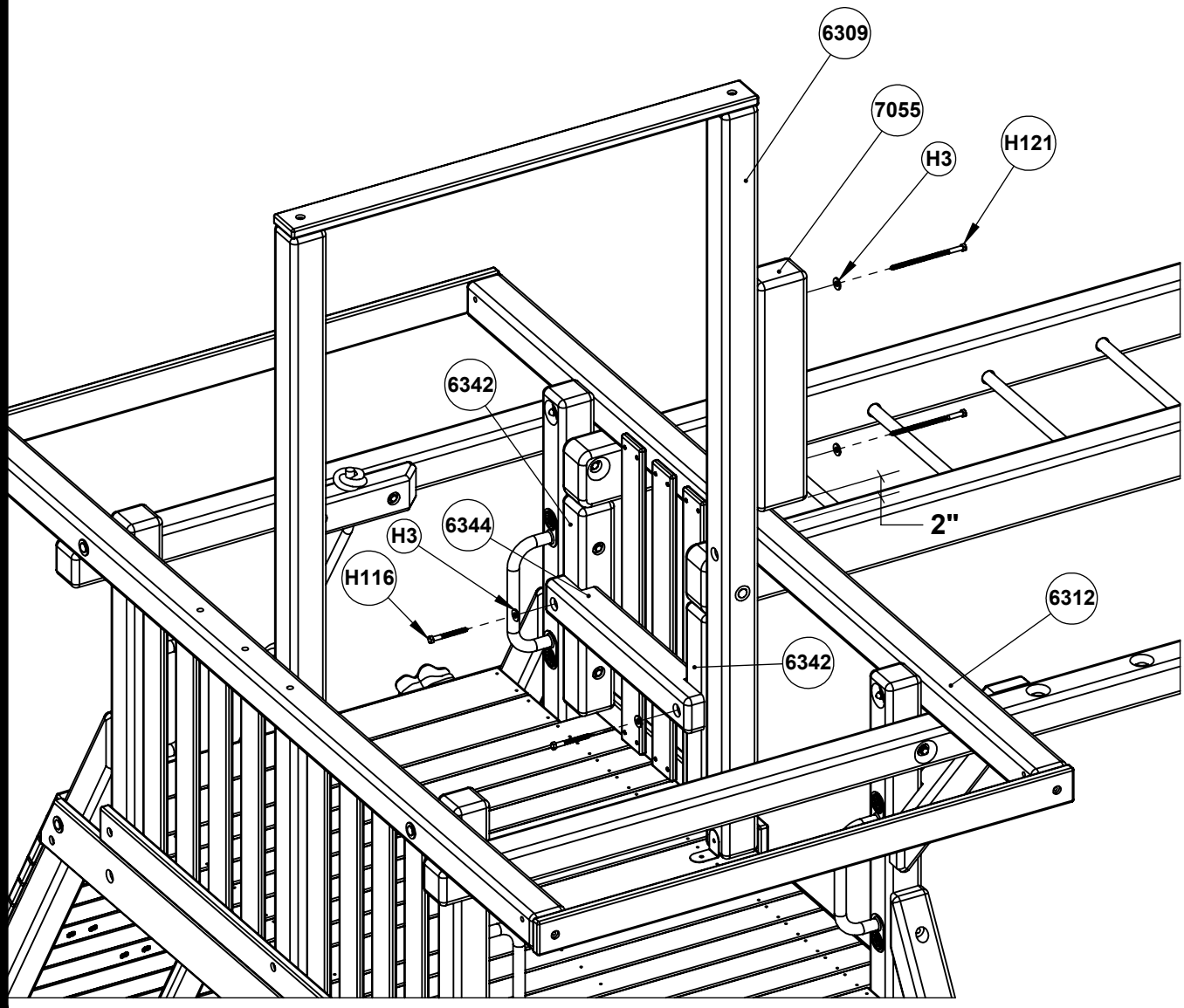
Step 56

Penthouse Filler Block & Step Block Installation

1. Position Filler Block **(7055)** against Center Post **(6309)**, **2"** up from top of Top Joist **(6312)**. Attach Filler Block using 3/8:" Hardware **(H3) (H121)**.

   ***NOTE: If set has a Wood Roof, Filler Block (7055) will be attached to Penthouse in a later Step.**

2. Position Step Block **(6344)** against Monkey Bar Support Blocks **(6342)**, at approximate height shown, and attach using 3/8" Hardware **(H3) (H116)**.

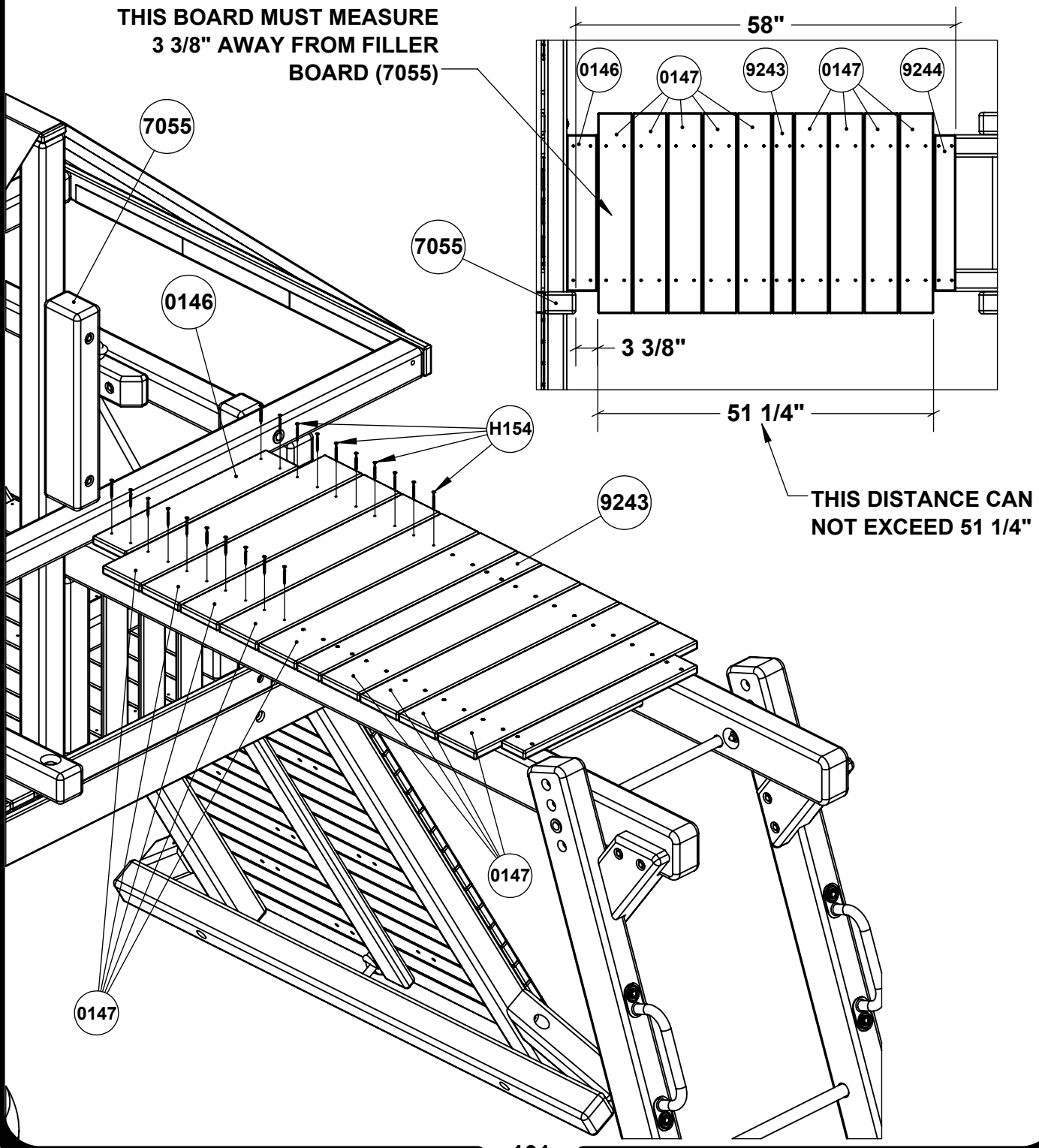


Step 57

Penthouse Deck Board Installation

1. Layout and evenly space Deck Boards **(9243) (9244) (0146) (0147)**, in pattern shown, on top of Monkey Bar using measurements shown in Inset A.

2. Attach Deck Boards **(9243) (9244) (0146) (0147)** using #8 Hardware **(H154)**.



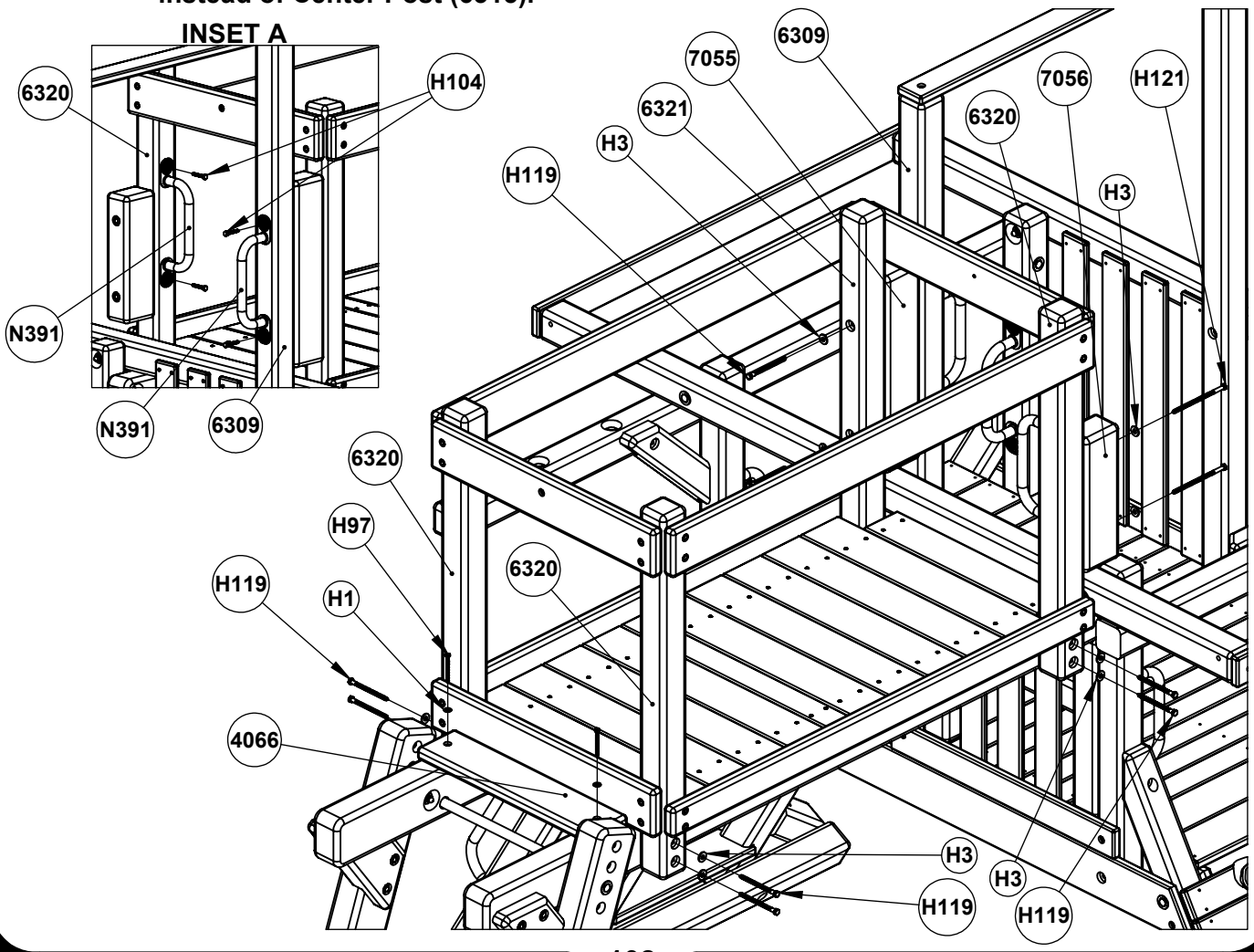
Step 58

Penthouse and Handle Installation

***WARNING: DUE TO ITS EXTREME WEIGHT, IT IS STRONGLY RECOMMENDED THAT AT LEAST THREE PEOPLE HELP TO LIFT PENTHOUSE INTO PLACE.**

***NOTE: Penthouse with Tarp is shown; installation of the Penthouse with Wood Roof will be the same unless otherwise noted.**

1. Carefully lift Penthouse on top of Monkey Bar, positioning Penthouse on top of previously installed Deck Boards, and pushed up tight to Filler Block **(7055)**.
2. Attach Penthouse to Monkey Bars using 3/8" Hardware **(H3) (H119)**.
   ***NOTE: Bottoms of Penthouse Corner Posts (6320) (6321) should be flush with bottom of Monkey Bar when properly installed.**
3. Attach Penthouse Corner Post **(6321)** to Filler Block **(7055)** using 3/8" Hardware **(H3) (H119)**.
   ***NOTE: If installing Wood Roof, Penthouse Corner Post (6321) will not be attached to Filler Block (7055).**
4. Position Filler Block **(7056)** against Penthouse Corner Post **(6320)** and attach using 3/8" Hardware **(H3) (H121)**. Do not attach Filler Block at this time if installing Wood Roof.
5. Position Monkey Bar Entrapment Board **(4066)** on Monkey Bar, pushed up tight to Penthouse. Attach Monkey Bar Entrapment Board using 1/4" Hardware **(H1) (H97)**.
6. Position Safety Handles **(N391)** against Penthouse Corner Post **(6320)** and Center Post **(6309)**, in approximate locations shown, and attach using 5/16" Hardware **(H104)** (as shown in Inset A).
   ***NOTE: If installing Wood Roof, one Safety Handle will be attached to Filler Block (7055) instead of Center Post (6315).**



Step 59

Penthouse Side Board & Rail Upright Installation

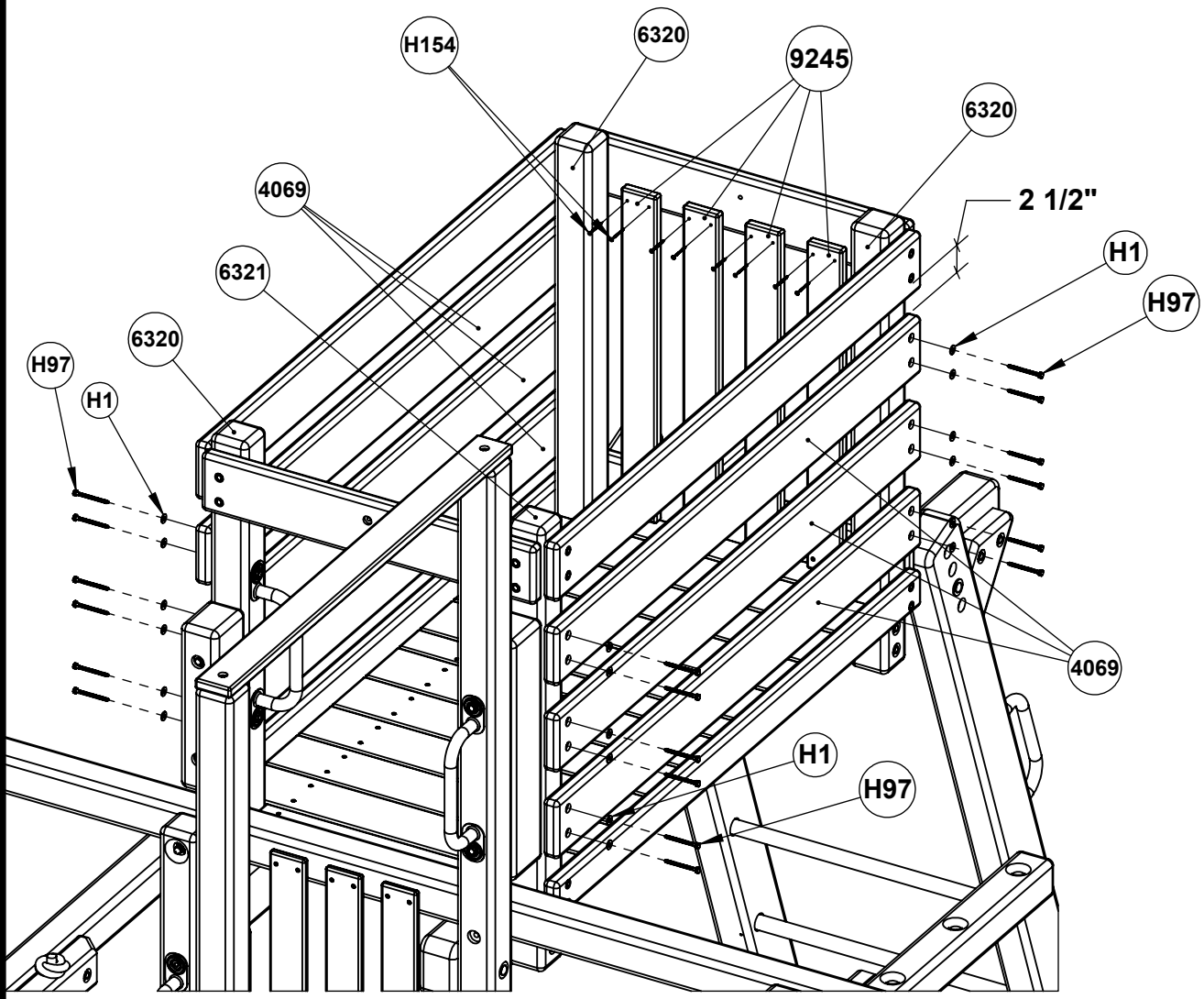
***NOTE: Installation of Rail Uprights and Penthouse Side Boards will be the same for the Penthouse with Wood Roof.**

***NOTE: Only install Penthouse Side Boards (4069) on one side of Penthouse if assembling Penthouse with Spiral Slide or Penthouse with Wood Roof and Spiral Slide.**

1. Evenly space Penthouse Side Boards **(4069)** against Penthouse Corner Posts **(6320) (6321)** and attach using 1/4" Hardware **(H9) (H97)**.

   ***NOTE: Spacing between Penthouse Side Boards (4069) should measure approximately 2 1/2".**

2. Evenly space Penthouse Rail Uprights **(9245)** (as shown) against Tarp Facia **(4147)** and Penthouse End Facia **(4150)** and attach using #8 Hardware **(H154)**.

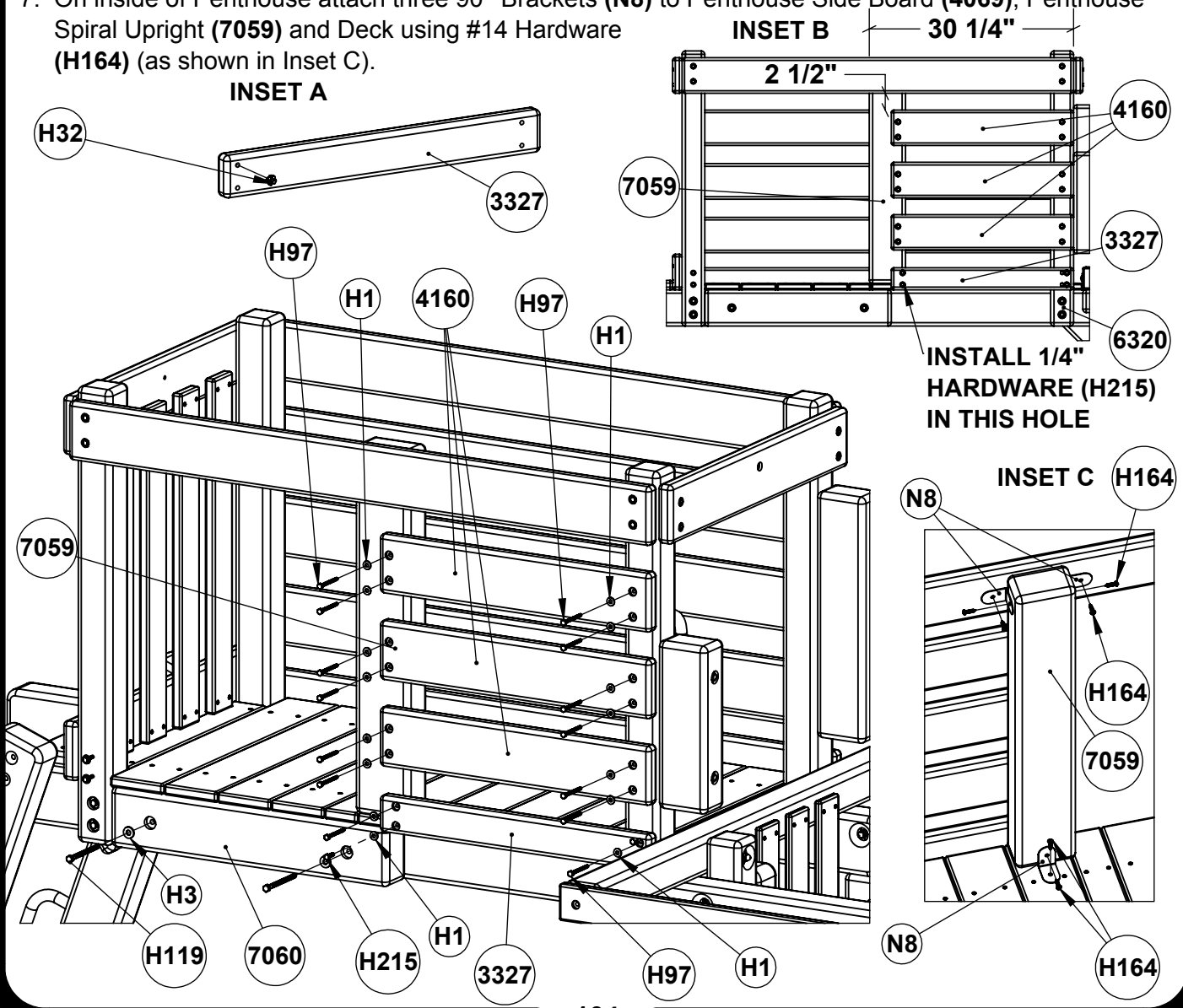


Step 60

Penthouse Side Board Installation (for Spiral Slide)

***NOTE: Installation processes will be the same for the Wood Roof Version.**

1. On the backside of Short Penthouse Side Board, insert 1/4" Hardware **(H32)** into the bottom hole of the short side offset counter bored holes (as shown in Inset A).
2. Position the bottom Penthouse Side Board **(3327)**, flush with the bottoms of Deck Boards, and attach to Penthouse Corner Post **(6320)** using 1/4" Hardware **(H1) (H97)**.
   ***NOTE: Holes in the ends of Penthouse Side Boards (3327) (4160) are drilled at different distances. Be sure that Side Boards are oriented as shown in Inset B.**
3. Equally space and attach Short Penthouse Side Boards **(4160)** using 1/4" Hardware **(H1) (H97)**. Spacing between remaining Side Boards will be approximately **2 1/2"**.
4. Position Spiral Filler Block **(7060)** against Monkey Bar and attach 3/8" Hardware **(H3) (H116)**.
5. Position Penthouse Spiral Upright **(7059)** on Deck and attach through Penthouse Side Boards **(3327) (4160)** using 1/4" Hardware **(H1) (H97)**.
   ***NOTE: Penthouse Upright (7059) will measure 30 1/4" from Penthouse Corner Post (6320) when properly installed.**
6. Install 1/4" Hardware **(H1) (H9) (H215)** into bottom hole of the bottom Penthouse Side Board **(3327)**.
7. On inside of Penthouse attach three 90° Brackets **(N8)** to Penthouse Side Board **(4069)**, Penthouse Spiral Upright **(7059)** and Deck using #14 Hardware **(H164)** (as shown in Inset C).

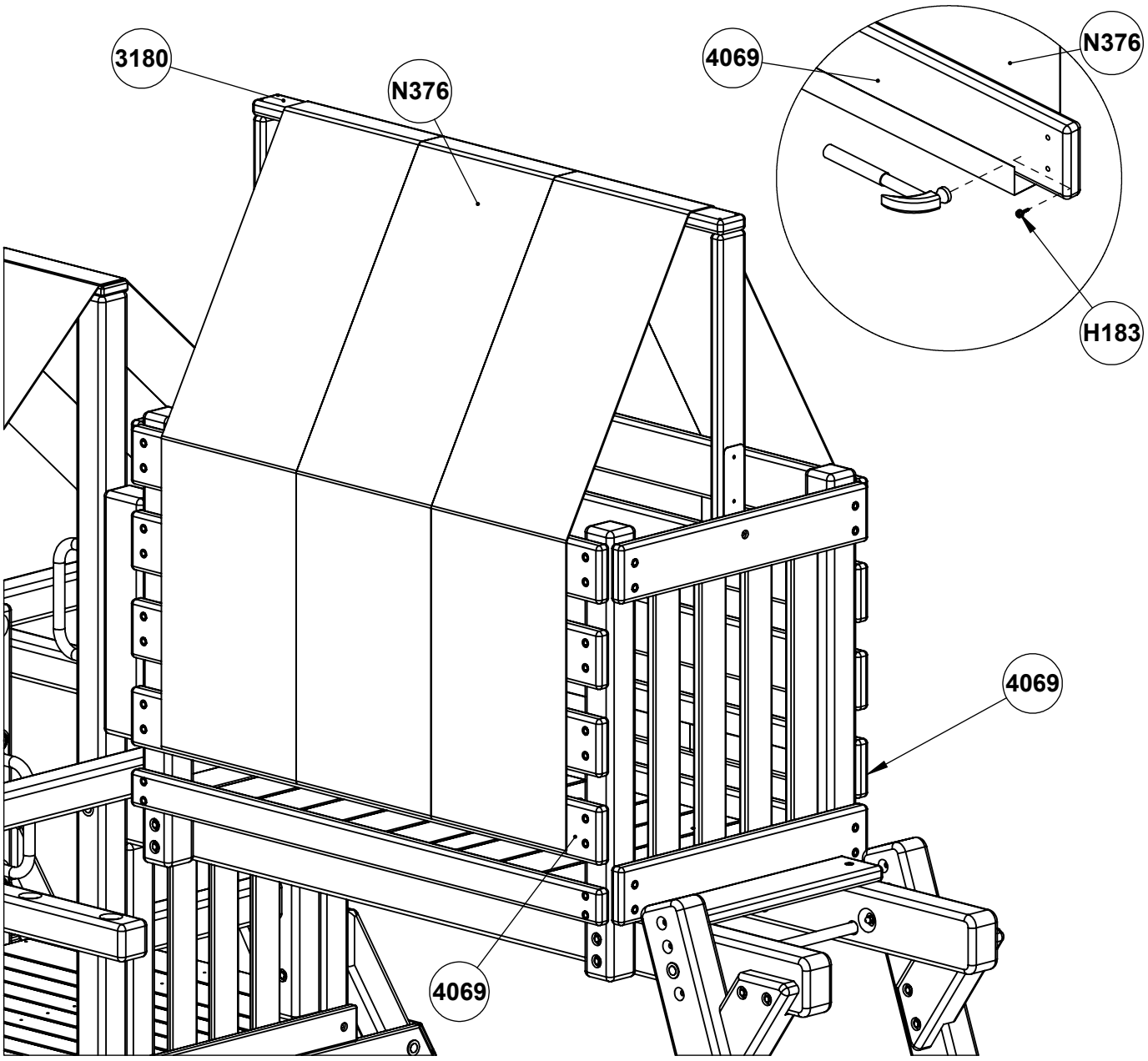


Step 61

Penthouse Tarp Installation

***NOTE: Skip to next step if installing Penthouse with Spiral Slide. Skip to Step 63 if installing Penthouse with Wood Roof.**

1. Evenly spread Penthouse Tarp **(N376)** over the top of Tarp Board **(3180)** and Penthouse Side Boards **(4069)** with the Snaps against the inside.
2. Wrap Tarp **(N376)** around the bottom side of Penthouse Side Boards **(4069)**. Starting with the middle tarp snap, gently tap each snap with a hammer to leave an indentation in the wood (as shown in Inset A).
3. Install snap screws **(H183)** in the center of the indentations. Snap Screws **(H183)** are rolled up in the Penthouse Tarp **(N376)**.
4. Snap the Penthouse Tarp **(N376)** to the Snap Screws **(H183)**.
5. Repeat parts 2, 3 and 4 for the other side. Penthouse Tarp should be pulled tight when marking Snap Screw **(H183)** locations.

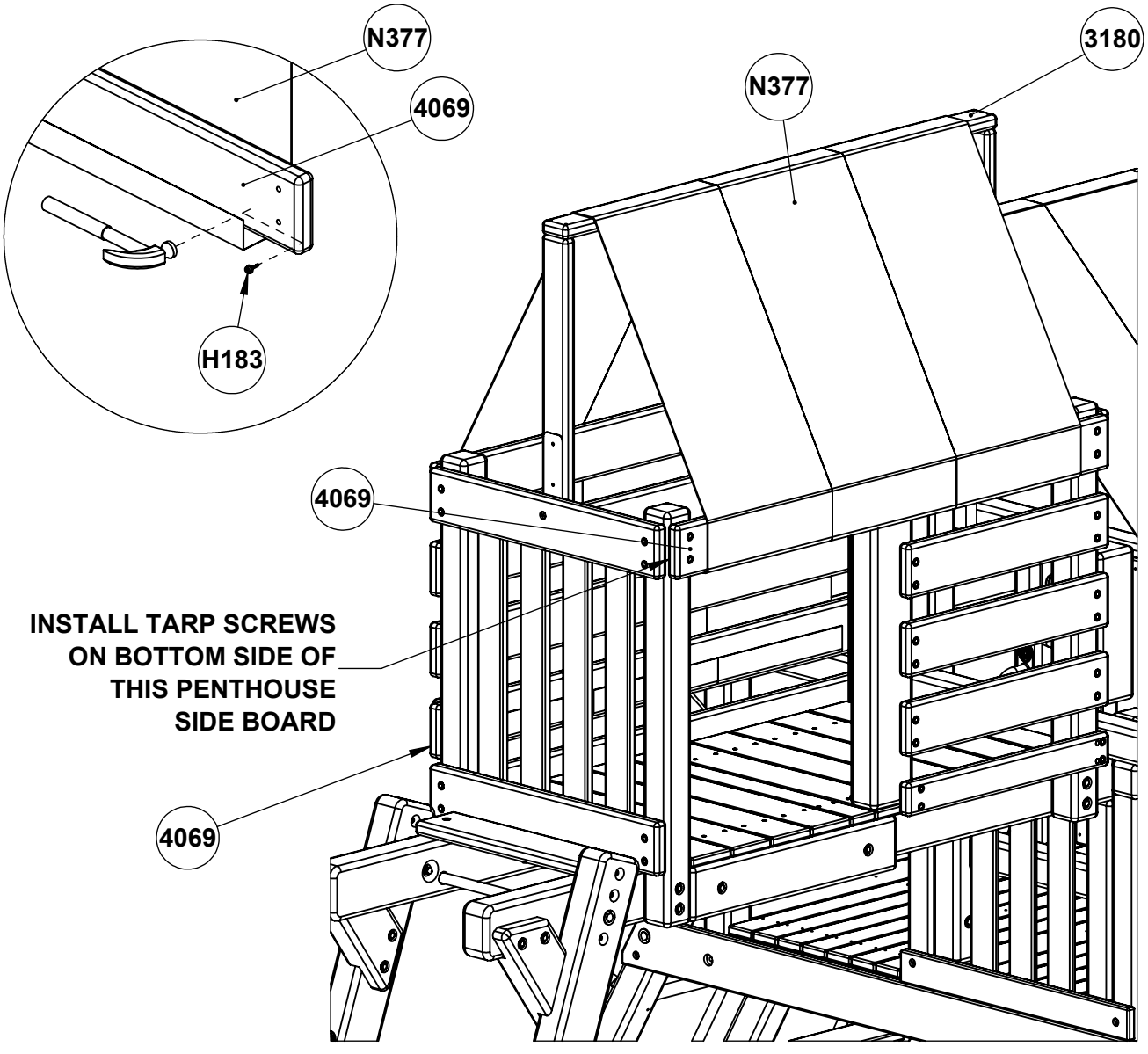


Step 62

Penthouse with Spiral Slide
Tarp Installation

***NOTE: Skip to next Step if installing Penthouse with Wood Roof.**

1. Spread Penthouse Tarp **(N377)** over the top of Tarp Board **(3180)** and Penthouse Side Boards **(4069)** with the Snaps against the inside.
2. Wrap Tarp **(N377)** around the bottom side of the bottom Penthouse Side Board **(4069)** on the side of the Penthouse with the Spiral Opening. Starting with the middle tarp snap, gently tap each snap with a hammer to leave an indentation in the wood (as shown in Inset A).
   ***NOTE: Tarp Snaps (H183) must be installed on the bottom edge of Penthouse Side Board.**
3. Install snap screws **(H183)** in the center of the indentations. Snap Screws **(H183)** are rolled up in the Penthouse Tarp **(N377)**.
4. Snap the Penthouse Tarp **(N377)** to the Snap Screws **(H183)**.
5. Pull the tarp tight around the other side of the Penthouses and wrap the tarp around the bottom Penthouse Side Board **(4069)**.
6. Repeat #'s 2-4 for other side of Tarp **(N377)**.



Step 63

Penthouse Wood Roof Installation

***NOTE: Wood Roof installation is the same for Penthouses with and without Spiral Slide.**

1. Position first Roof Board **(4163)** on Penthouse Roof Supports **(3183)**, pushed up to and flush with ends of Tarp Board **(3180)** (as shown in Inset A). Attach Roof Board **(4163)** using #8 Hardware **(H154)**.

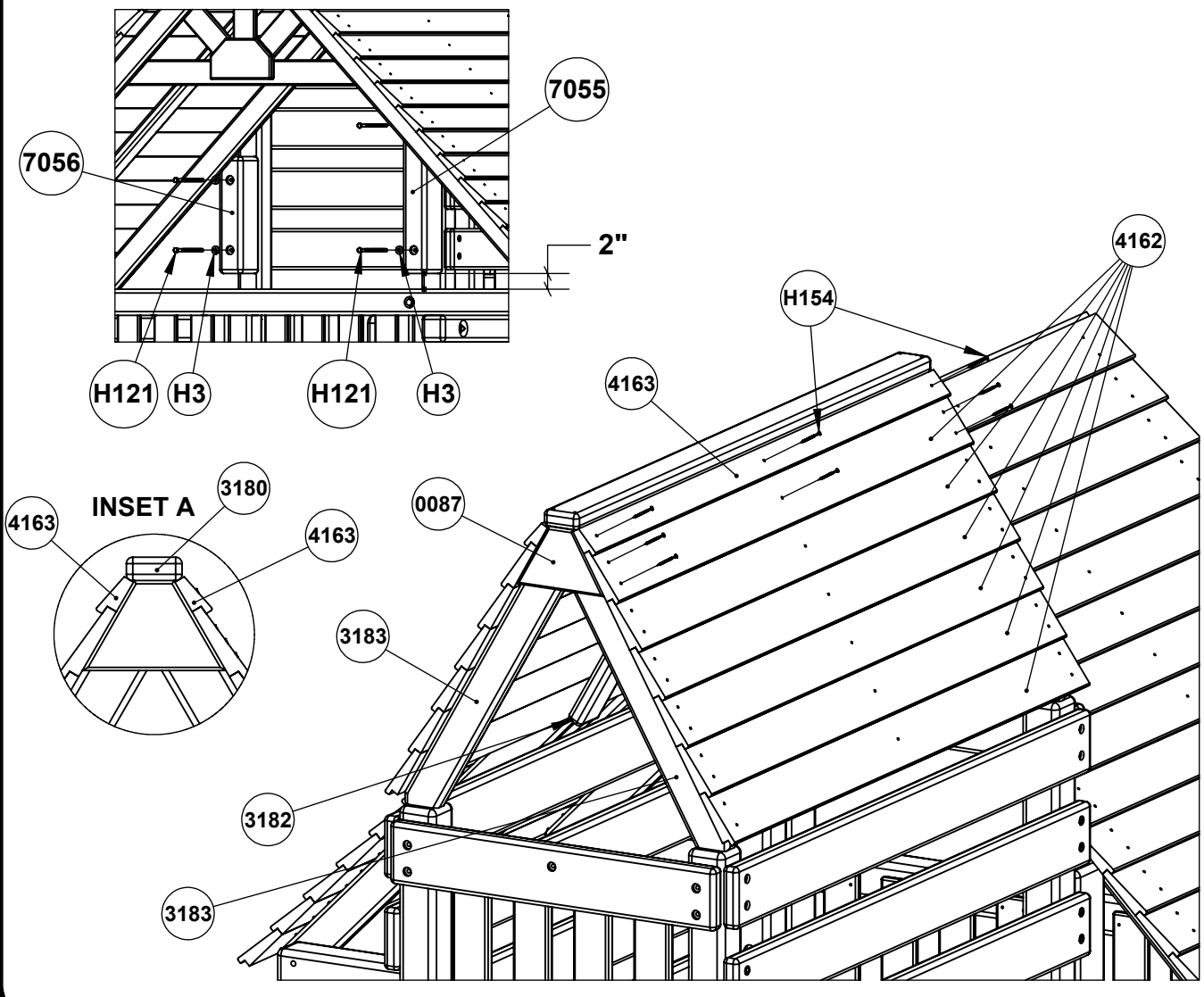
2. Continue attaching Roof Boards **(4162)** to Penthouse Roof Supports **(3183)** using #8 Hardware **(H154)**, making sure Roof Boards **(4162)** stay flush with the top two Roof Boards **(4163)**.

3. After Attaching Roof Boards **(4162)**, center Penthouse Wood Roof Runner **(3182)** on underside of Roof Boards **(4162) (4163)** and attach using #8 Hardware **(H154)**.

4. On inside of set, position Filler Blocks **(7055) (7056)** against Penthouse Corner Posts **(6320) (6321)** (as shown in Inside View of Set). Attach Filler Blocks using 3/8" Hardware **(H3) (H121)**.

   ***NOTE: Filler Blocks should be positioned 2" up from Top Joist.**

INSIDE VIEW OF SET



Step 64

Spiral Slide Assembly

***NOTE: Alignment for the Left Turn Spiral Slide sections are shown on the next page. Alignment for the Right Turn Spiral Slide sections are shown on the page after.**

For Left Turn Slide:

1. Line up the long seam on the Spiral Entrance Panel **(N378)** with the long seam on the first 90° Elbow **(N194)**. Rotate the 90° Elbow two holes to the left (counter clockwise) and attach using 3/8" Hardware **(H3) (H11) (H17) (H28) (H44)**.
   ***NOTE: Do not fully tighten hardware until all 3/8" Bolts are inserted in each spiral section.**
2. Line up the long seam on the second 90° Elbow **(N194)** with the long seam on the first 90° Elbow **(N194)**. Rotate the second 90° Elbow two holes to the right (clockwise) and attach using 3/8" Hardware **(H3) (H11) (H17) (H28) (H44)**.
3. Line up the short seam on the second 90° Elbow **(N194)** with the short seam on the third 90° Elbow **(N195)**. Rotate the third 90° Elbow two holes right (clockwise) and attach using 3/8" Hardware **(H3) (H11) (H17) (H28) (H44)**.
4. Line up the holes in the Landing **(N196)** with the holes in the third 90° Elbow **(N195)** and attach using 3/8" Hardware **(H3) (H11) (H123)** (as shown in Detail A).

For Right Turn Slide:

1. Line up the long seam on the Spiral Entrance Panel **(N378)** with the long seam on the first 90° Elbow **(N194)**. Rotate the 90° Elbow two holes to the right (clockwise) and attach using 3/8" Hardware **(H3) (H11) (H17) (H28) (H44)**.
   ***NOTE: Do not fully tighten hardware until all 3/8" Bolts are inserted in each spiral section.**
2. Line up the long seam on the second 90° Elbow **(N194)** with the long seam on the first 90° Elbow **(N194)**. Rotate the second 90° Elbow two holes to the left (counter clockwise) and attach using 3/8" Hardware **(H3) (H11) (H17) (H28) (H44)**.
3. Line up the short seam on the second 90° Elbow **(N194)** with the short seam on the third 90° Elbow **(N379)**. Rotate the third 90° Elbow two holes left (counter clockwise) and attach using 3/8" Hardware **(H3) (H11) (H17) (H28) (H44)**.
4. Line up the holes in the Landing **(N196)** with the holes in the third 90° Elbow **(N379)** and attach using 3/8" Hardware **(H3) (H11) (H123)** (as shown in Detail A).

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Step 64

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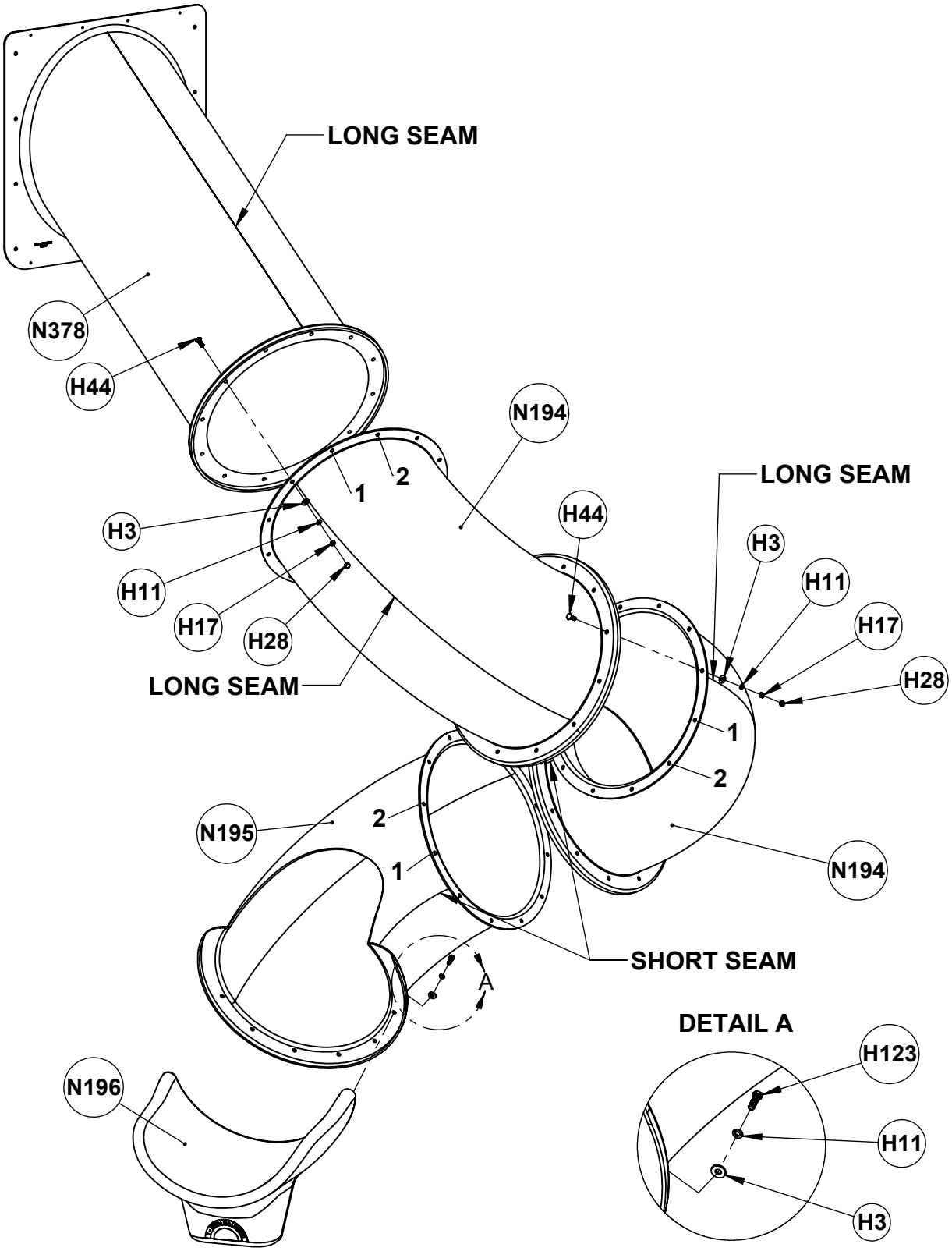
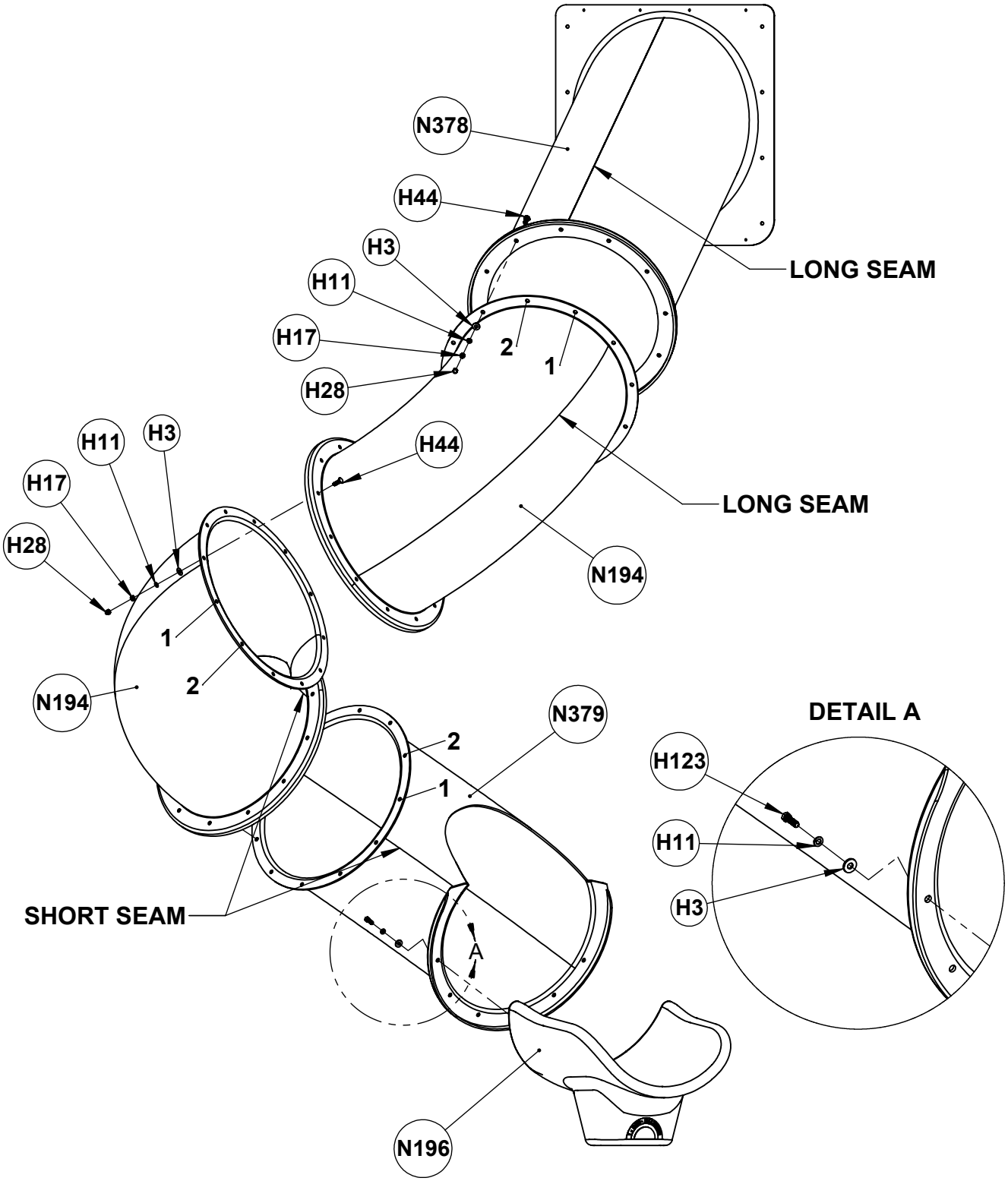
Spiral Slide Assembly (Left Turn)



Step 64

Continued from page 108:

Spiral Slide Assembly (Right Turn)

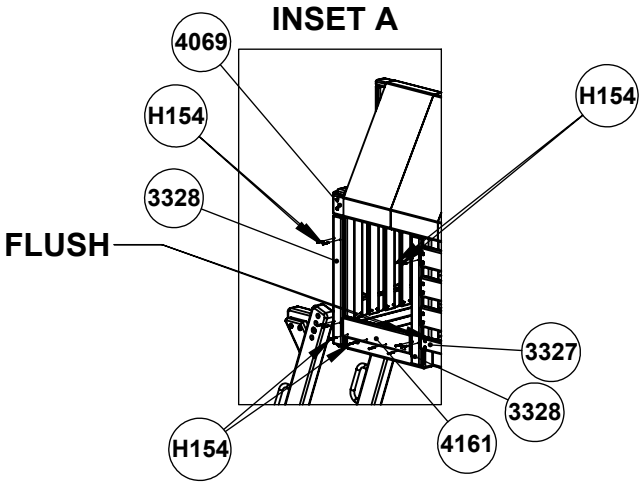


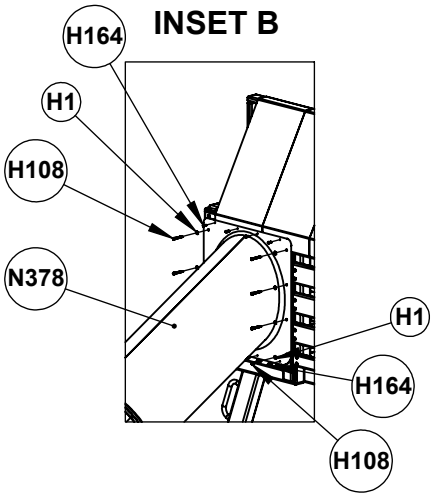
Step 65

Spiral Slide Installation

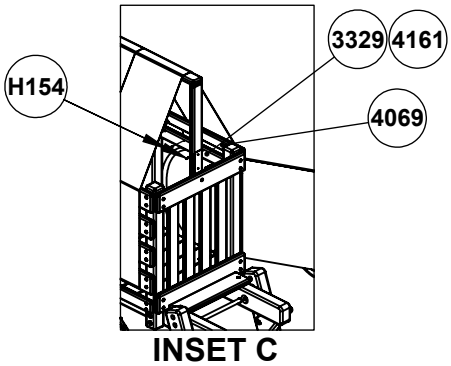
***NOTE: If installing Spiral Slide on 66" Deck Height skip to Step 5.**

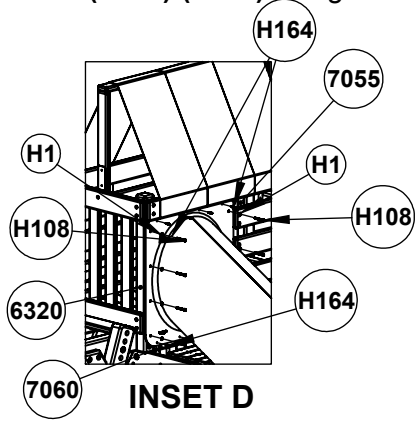
1. Position Spiral Filler Boards **(3328)** against Spiral Upright **(7059)** and Penthouse Corner Post **(6320)**, pushed up to bottom of Penthouse Side Board **(4069)** (as shown in Inset A). Attach Filler Boards **(3328)** using #8 Hardware **(H154)**.
2. Center Spiral Filler Board **(4161)** between Filler Boards **(3328)** and attach using #8 Hardware **(H154)** (as shown in Inset A).
   ***NOTE: Top of Filler Board (4161) must be flush with top of Penthouse Side Board (3327) when properly installed (as shown in Inset A).**
3. Stand up Spiral Slide, centering slide on opening, and attach to Penthouse Side Board **(4069)** and Filler Boards **(3328)** using 1/4" Hardware **(H1)** and 5/16" Hardware **(H108)** (as shown in Inset B).
   ***NOTE: Be sure to pre-drill Filler Boards (3328), through holes in slide, using a 1/8" drill bit to avoid splitting out Filler Boards.**
4. Finish attaching Spiral Slide to Penthouse Side Board **(4069)** and Filler Board **(4161)** using #14 Hardware **(H164)** (as shown in Inset B).





5. Stand up Spiral Slide, centering slide on opening, and attach to Penthouse Corner Post **(6320)** and Penthouse Spiral Upright **(7059)** using 1/4" Hardware **(H1)** and 5/16" Hardware **(H108).**
6. On inside of Penthouse, position Spiral Filler Board **(3329)** against Penthouse Side Board **(4069)**. Attach Filler Board using #8 Hardware **(H154)** as shown in Inset C.
   ***NOTE: Spiral Filler Board (4161) may be swapped out with Spiral Filler Board (3329) (shown). Ensure that Filler Board (3329) (4161) goes down far enough that #14 Hardware (H164) that goes through upper holes in Spiral Slide will hit the Filler Board.**
7. Finish attaching Spiral Slide to Spiral Filler Board **(7060)** and Filler Board **(3329) (4161)** using #14 Hardware **(H164)** as shown in Inset D.





Step 66

Dual Swing Beam Rung Support Assembly

***NOTE: Dual Swing Beam Rung Support Assembly cannot be installed on Circus Castle (58" Deck Height).**

1. Place Left and Right Dual Swing Beam Rung Support Legs **(6235) (6236)** on a flat surface directly across from each other with pre-drilled hole facing up and ends flush (as shown in Inset A).

2. Insert Pipes **(N405)** in to pipe holes into both Dual Swing Beam Rung Support Legs **(6235) (6236)** to connect the two Dual Swing Beam Rung Support Legs **(6235) (6236)** together.

   ***NOTE: Rung Support Assembly must measure 23 7/8" wide when properly assembled.**

3. Ensure width of Dual Swing Beam Rung Support assembly is **23 7/8"** wide (as shown in Inset A) and insert #8 Hardware **(H216)** through pre-drilled holes in Dual Swing Beam Support Legs **(6235) (6236)** into Pipes **(N405)**, to secure Pipes in pipe holes.

4. Position Ground Runner **(6238)** on Dual Swing Beam Rung Support assembly **1 1/2"** up from the bottom of Dual Swing Beam Rung Support Legs. Attach Ground Runner **(6238)** to Dual Swing Beam Rung Support assembly using 3/8" Hardware **(H3) (H119)**.

   ***NOTE: Ends of Ground Runner should overhang the Rung Support 44 3/16" on ech side of Rung Support, when properly installed.**

5. Attach Support Wings **(6237)** to Ground Runner using 3/8" Hardware **(H3) (H11) (H34) (H135)**.

   ***NOTE: A hammer or mallet may be needed to install 3/8" Hardware (H34).**

6. Finish attaching Support Wings **(6237)** to Rung Support using 3/8" Hardware **(H3) (H116)**.

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Step 66

Dual Swing Beam Rung Support Assembly

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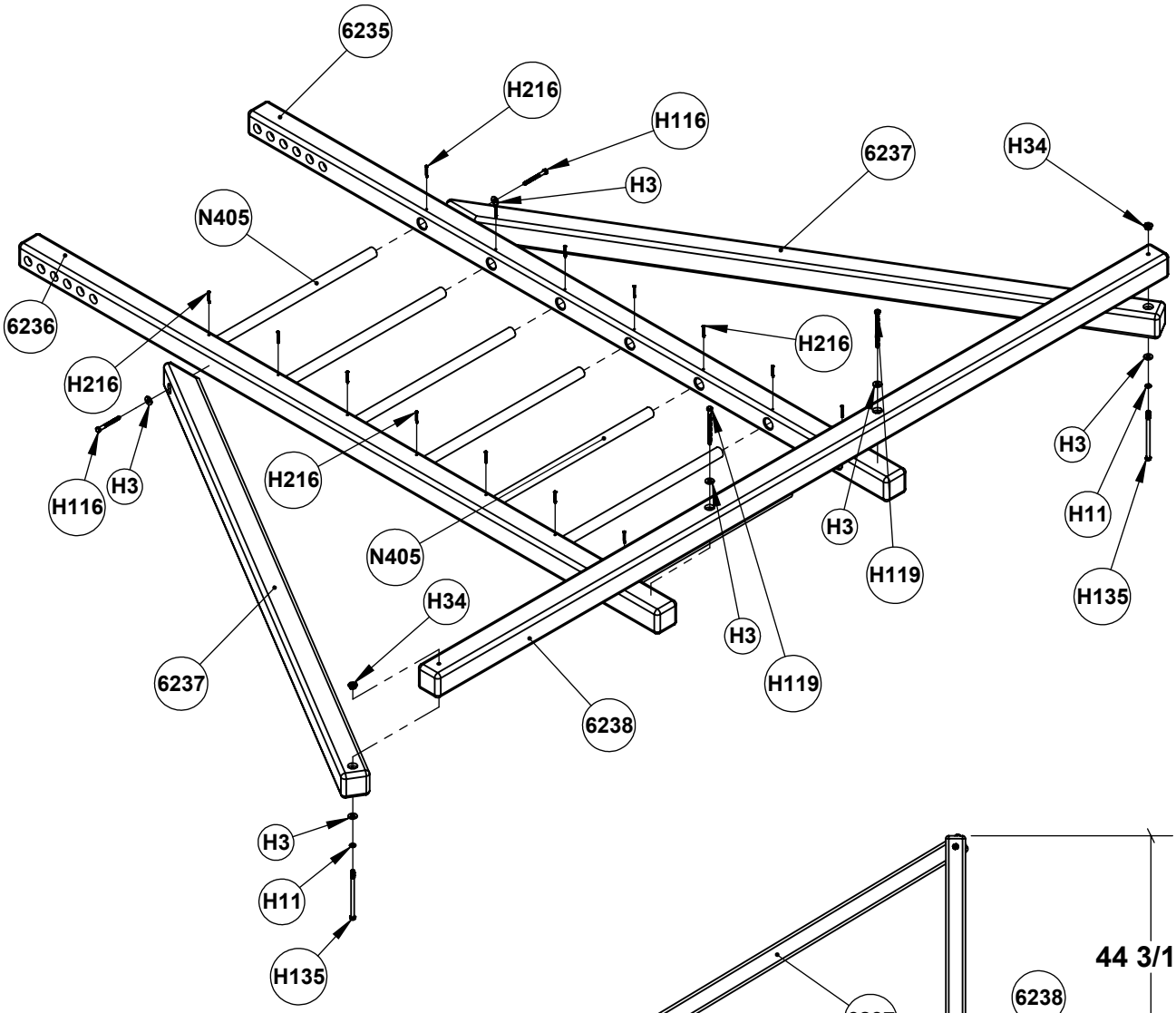
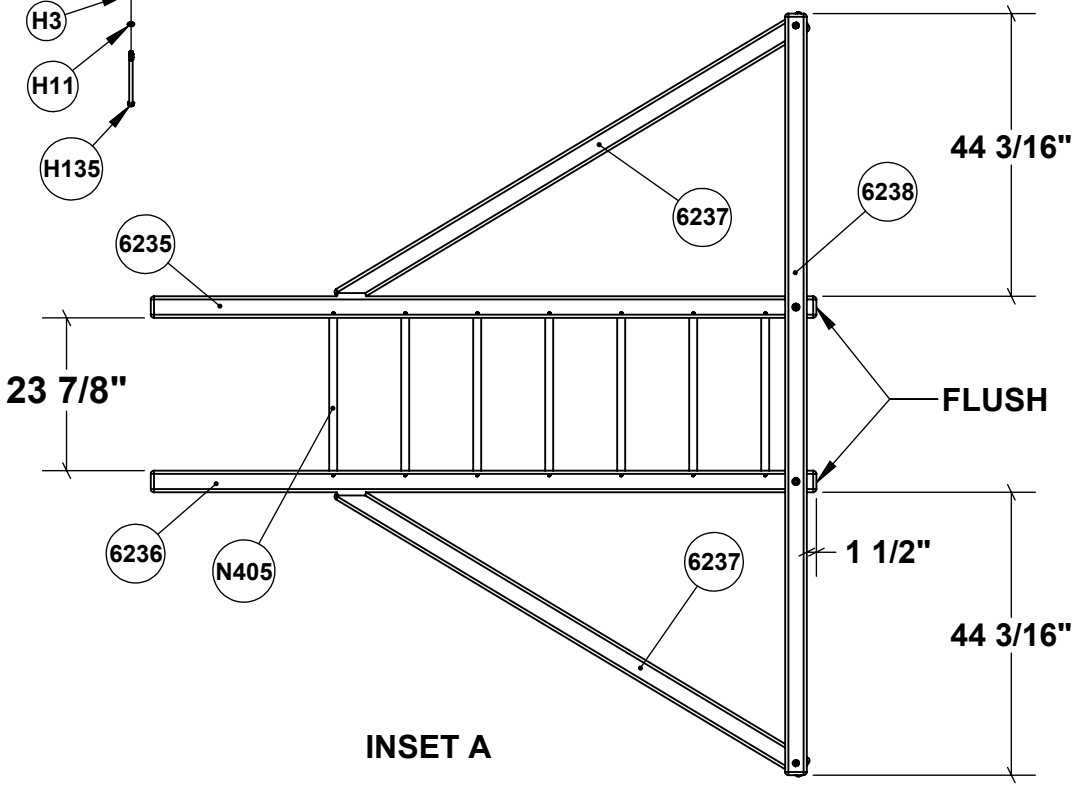




INSET A

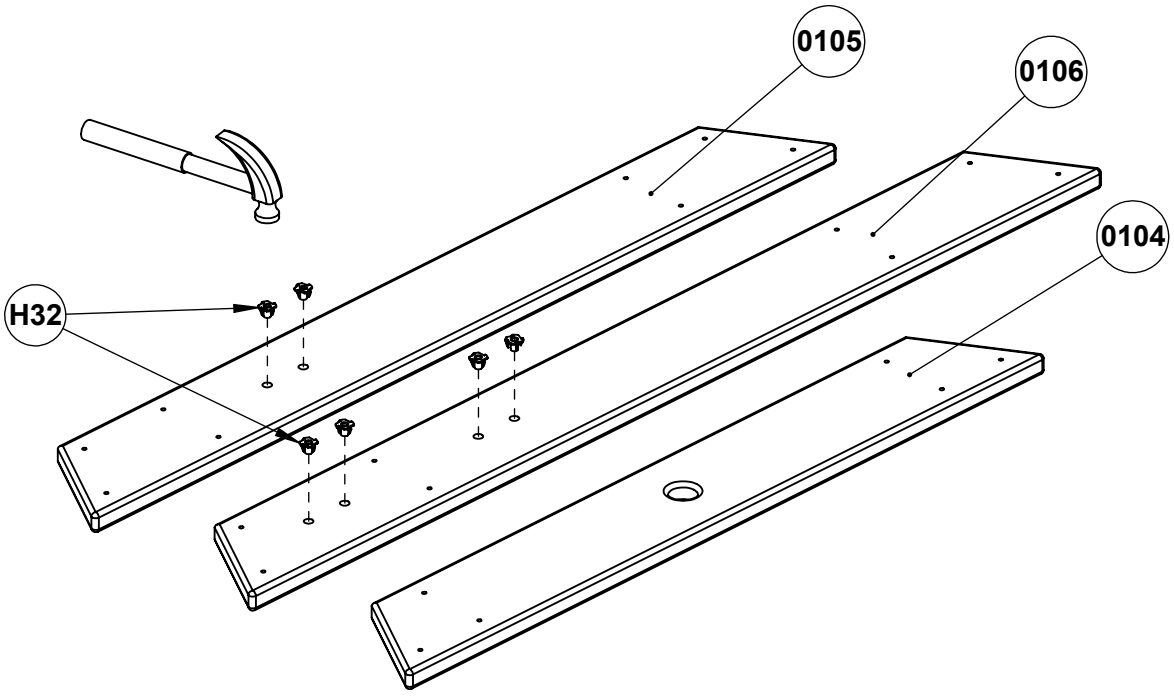
Step 67

Dual Swing Beam Rock Wall Support Assembly

***NOTE: Position Dual Swing Beam Rock Wall Support Boards (0105) (0106) (0107) (0108) (0109) (0110) (0111) (0112) (0113) (0114) (0115) (0116) (0117) on a flat, clean surface with best surface down.**

1. Position Dual Swing Beam Rock Wall Support Boards **(0105) (0106) (0107) (0108) (0109) (0110) (0111) (0112) (0113) (0114) (0115) (0116) (0117)** on a flat surface and insert 1/4" Hardware **(H32)** into pre-drilled holes. A hammer or mallet may be used to tap hardware into place if needed.

***NOTE: Only two Dual Swing Beam Rock Wall Support Boards (0105) (0106) that use T-Nuts are shown. Be sure to install 1/4" Hardware (H32) into all Dual Swing Beam Rock Wall Support Boards (0105) (0106) (0107) (0108) (0109) (0110) (0111) (0112) (0113) (0114) (0115) (0116) (0117).**



Step 68

Dual Swing Beam Rock Wall Support Assembly

***NOTE: Dual Swing Beam Rung Rock Wall Assembly cannot be installed on Circus Castle (58" Deck Height).**

1. Place Dual Swing Beam Rock Wall Support Legs **(6233)** on a flat surface directly across from each other with ends flush (as shown in Inset A).

   ***NOTE: Monkey Bar assembly must measure 23 7/8" wide when properly assembled.**

2. Position Angled Rock Wall Board **(0117)** on Dual Swing Beam Rock Wall Legs **(6233) 1 3/4"** up from the bottom of Dual Swing Beam Rock Wall Support Legs **(6233).** Attach Angled Rock Wall Board **(0117)** to Dual Swing Beam Rock Wall Support Legs **(6233)** using #8 Hardware **(H155)**.

   ***NOTE: Ends of bottom Angled Rock Wall Board should overhang Support Legs 43 7/8" when properly installed.**

   ***NOTE: 1/4" Hardware (H32) that were installed in Angled Rock Wall Boards must face down (as shown in Inset B).**

   ***NOTE: While attaching Angled Rock Wall Board, periodically check that Rock Wall Support Legs remain square and measure 23 7/8" wide. Angled ends of Angled Rock Wall Board should line up when properly installed.**

3. Continue attaching Angled Rock Wall Boards **(0116) (0115) (0114) (0113) (0112) (0111) (0110) (0109) (0108) (0107) (0106) (0105) (0104)** (as shown in Inset A) using #8 Hardware **(H155)**.

4. Flip Assembly over and position Ground Runner **(6234)** on Dual Swing Beam Rock Wall Support Legs **(6233)**, **1 1/2"** up from the bottom of Support Legs . Attach Ground Runner **(6234)** to Support Legs using 3/8" Hardware **(H3) (H119)**.

   ***NOTE: Ends of Ground Runner should over-hang Support Legs 44 3/16" when properly installed.**

5. Position Support Wings **(6232)** against backs of Angled Rock Wall Boards, and between Ground Runner. Attach Support Wings through Ground Runner and to Support Legs using 3/8" Hardware **(H3) (H116) (H119)**.

   ***NOTE: Ends of Angled Rock Wall Boards should measure 1/2" from edge of Support Wings. If needed, adjust Support Wings on the Ground Runner and Support Legs so that Angled Rock Wall Boards do not overhang Support Wings.**

6. Flip Assembly back over and finish attaching Angled Rock Wall Boards to Support Wings using #8 Hardware **(H155)**.

Continued on next page:

Step 68

Dual Swing Beam Rock Wall Support Assembly

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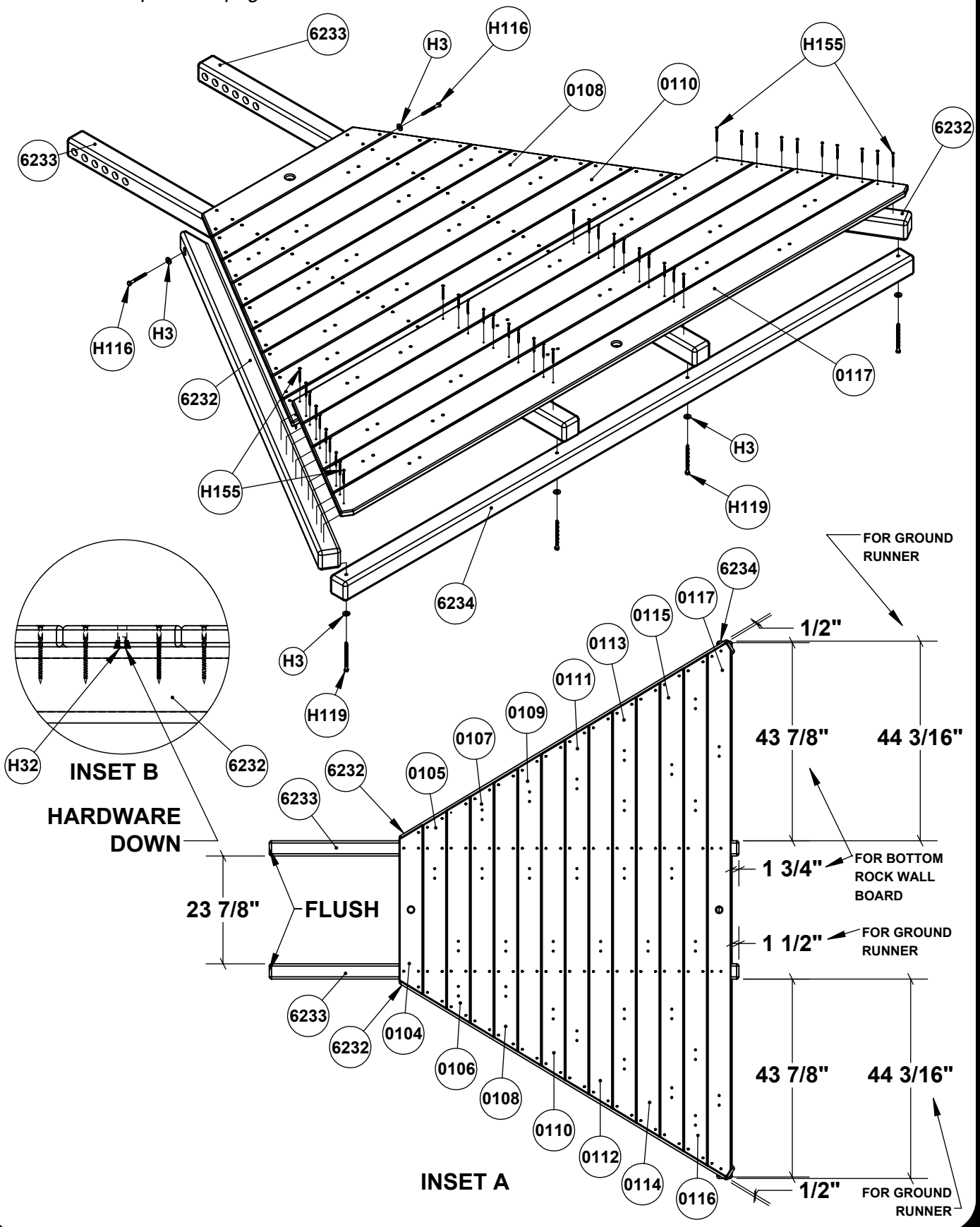

Step 69

Dual Swing Beam Installation

***NOTE: Installation for Dual Swing Beam Rung Support and Dual Swing Beam Rock Wall Support are similar. Installation for Dual Swing Beam Rock Wall in shown (unless otherwise noted).**

***NOTE: Installation for 2 Position and 3 Position Dual Swing Beams is similar. Installation for 3 Position Dual Swing Beam is shown.**

***NOTE: A Helper will be needed to complete this Step.**

***NOTE: Rail Uprights (3118) should not have been installed in the opening that the Dual Swing Beam is being installed in. If Rail Uprights were installed, remove and reinstall after Dual Swing Beam has been installed.**

1. In the opening the Dual Swing Beam is being installed in, measure down from bottom of Top Joist **(6311) 1 11/16”** and drill a hole in Center Post **(6309) (6315)** using a **7/16” drill bit** (as shown in Inset A).
   ***NOTE: The 7/16” diameter hole must be drilled in the center of the Center Post.**

2. On the ground, position Left Dual Swing Beam **(7071) (7073)** and Right Dual Swing Beam **(7072) (7074)** inside of Dual Swing Beam Support, lining up the back counter bored holes in the Swing Beams with the third hole up on the Support for the 64" Deck Height Castle. The 68" Deck Height Castle will use the second hole down from the top of the Support Legs (as shown).
   ***NOTE: Dual Swing Beams must be oriented, with the counter bored holes towards the end of the Dual Swing Beams, pointing up (as shown).**

3. Attach Dual Swing Beam Support to Dual Swing Beams using 1/2” Hardware **(H4)** and 3/8” Hardware **(H3) (H11) (H17) (H56)**. Do not fully tighten Hardware at this time.

4. Lift up on Dual Swing Beams and position Monkey Bar Brackets **(7069) (7070)** against Dual Swing Beams and Dual Swing Beam Supports so that all faces of Dual Swing Beams, Dual Swing Beam Support and Brackets are flush. Attach Monkey Bar Brackets to Dual Swing Beams and Dual Swing Beam Support using 3/8” Hardware **(H3) (H116)**.
   ***NOTE: There should be no gaps in all adjoining faces of Monkey Bar Brackets, Dual Swing Beams & Dual Swing Beam Support when properly installed.**

5. Lift Dual Swing Beam assembly up into opening and align holes in Dual Swing Beams with previously drilled hole in Center Post **(6309) (6315)** and hole in Corner Upright **(6102)**.

6. Attach Dual Swing Beams to Corner Upright **(6188)** and Center Post **(6189) (6192)** using 1/2” Hardware **(H4)** and 3/8” Hardware **(H3) (H11) (H17) (H28) (H56) (H139)**.

7. Check that Dual Swing Beams are level and fully tighten Hardware from #3. Attach 3/8” Hardware **(H28)** to the end of 3/8” Hardware **(H56)** from #3.

8. Measure down from top of Dual Swing Beam Rung Support 30” and attach Safety Handles **(N391)** to Support using 5/16" Hardware **(H104)** (as shown in Inset A).
   ***NOTE: # 8 only applies if installing Dual Swing Beam Rung Support.**

Continued on next page:

Step 69

Dual Swing Beam Installation

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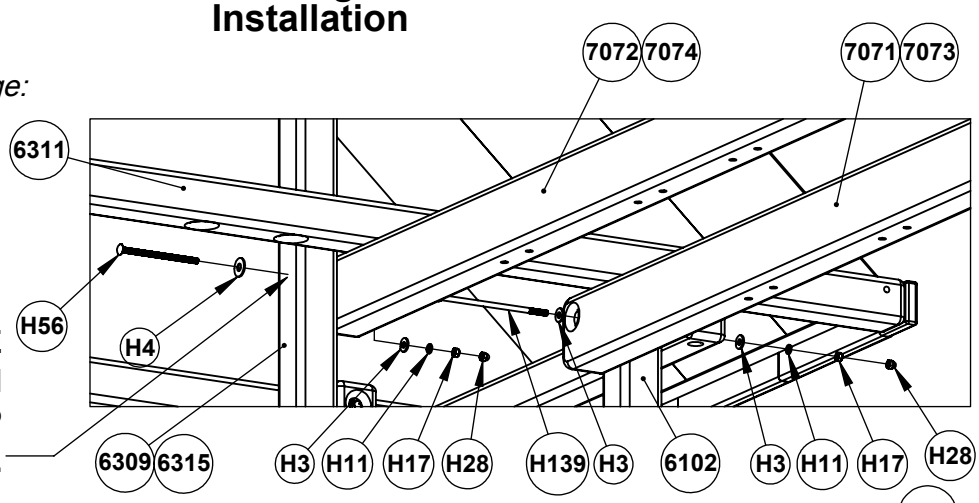
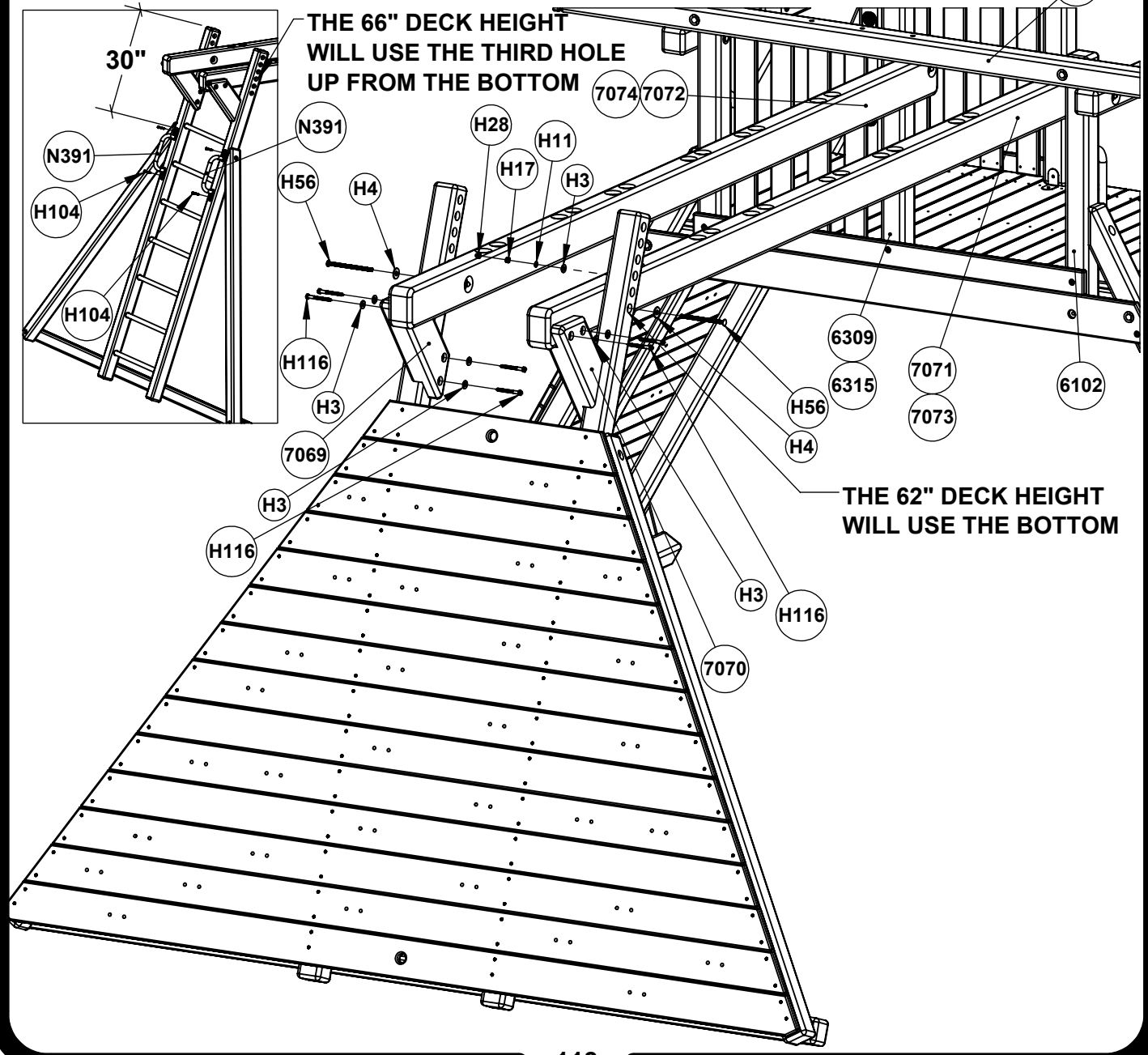


DRILL 7/16" DIA. HOLE 1 11/16" DOWN FROM BOTTOM OF TOP JOIST (6191).

INSET A



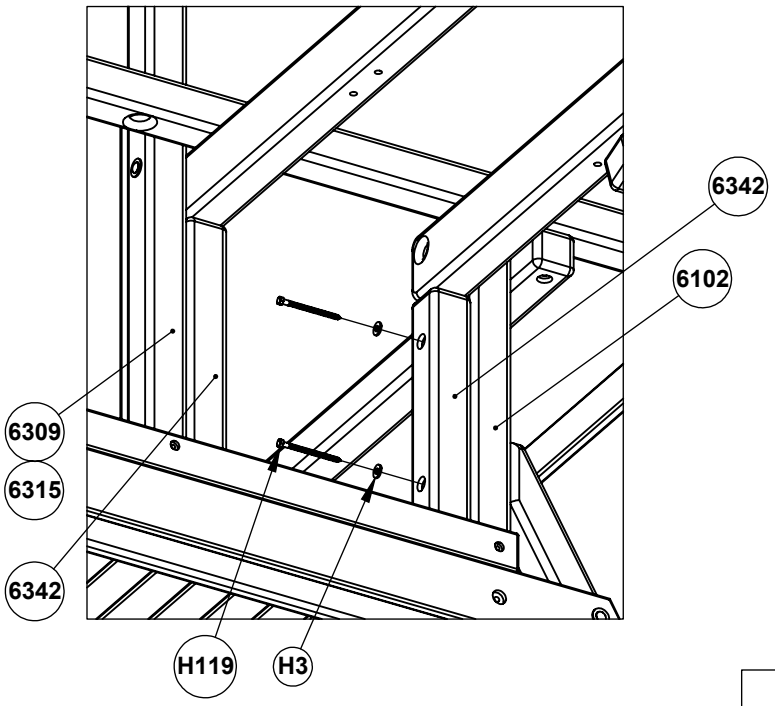
Step 70

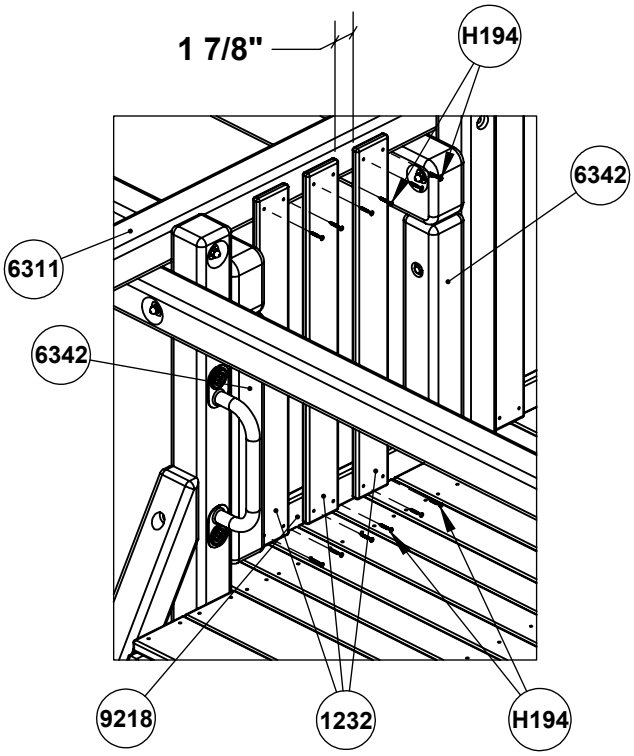
Monkey Bar Support Block & Rail Upright Installation

1. Position Monkey Bar Support Blocks **(6342)** against Corner Upright **(6102)** and Center Post **(6309) (6315)**, pushed up tight to underside of Monkey Bar.

2. Attach Monkey Bar Support Blocks **(6342)** using 3/8" Hardware **(H3) (H119)**.

3. On inside of set, evenly space three Rail Uprights **(1232)** across Front Facia **(9218)** and Top Joist **(6311)**, in between Monkey Bar Support Blocks **(6342)**. Attach Rail Uprights using #8 Hardware **(H194)**.
   ***NOTE: Gaps between Rail Uprights and Support Blocks should measure approximately 1 7/8" when properly installed.**





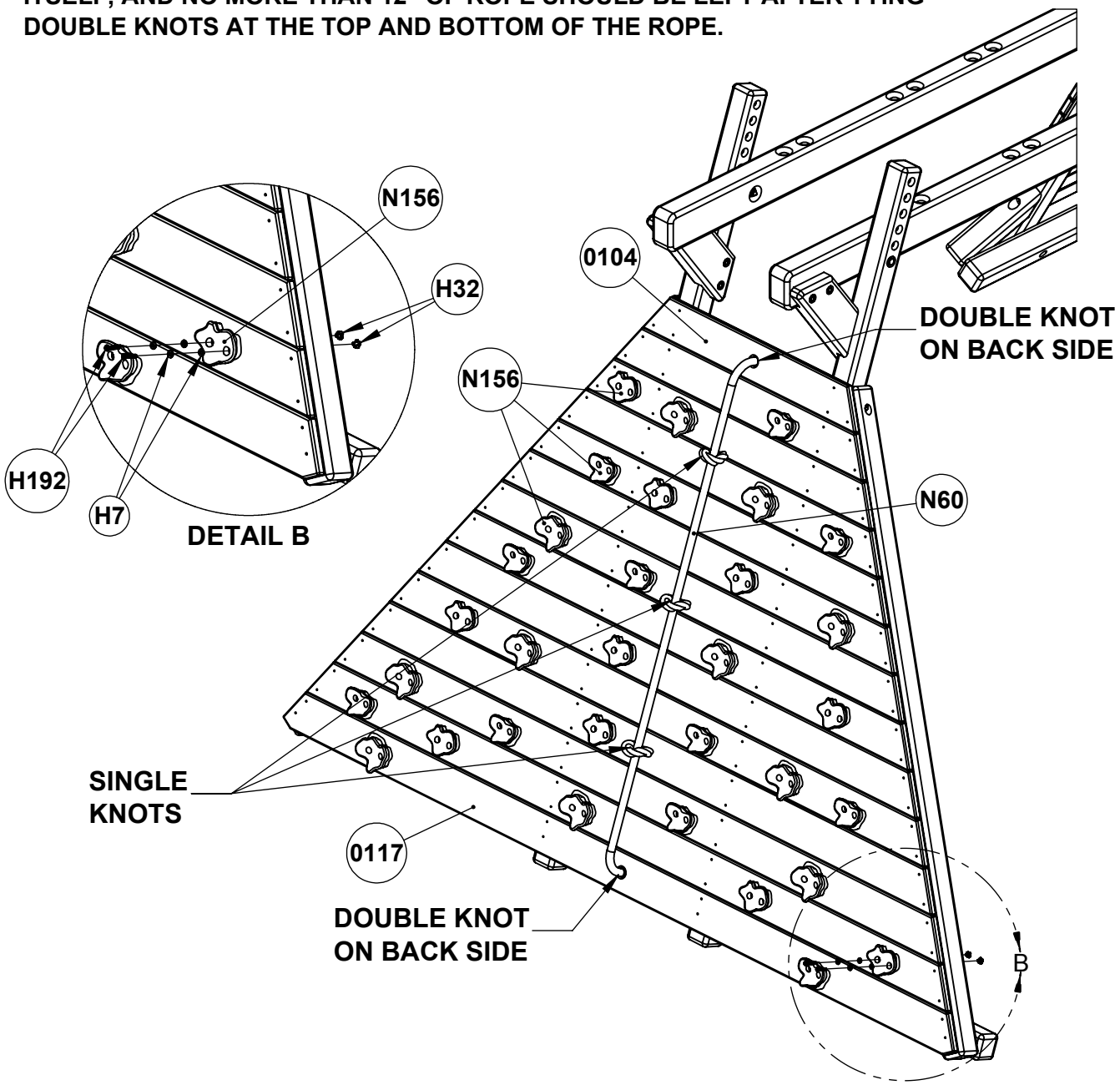
Step 71

Rock & Rope Installation

***NOTE: 1/4" Hardware (H32) should have been installed in a previous Step.**

1. Attach Rocks **(N156)** to Rock Wall Boards using 1/4" Hardware **(H7) (H32) (H192)**.
   ***NOTE: 1/4" Hardware (H7) (H192) will match up with the T-Nuts (H32) on the back side of Rock Wall.**
2. Tie a double knot in the end of the Rope **(N60)**. Thread the Rope through Angled Rock Wall Board **(0104)**. Tie three evenly spaced single knots in the Rope.
3. Thread the Rope through the Rope hole in the Angled Rock Wall Board **(0117)** and tie a double knot on back side of the Rock Wall.

⚠ **WARNING: TO PREVENT THE RISK OF STRANGULATION, THREE KNOTS MUST BE TIED IN ROPE AND ROPE MUST BE SECURE AT BOTH ENDS. ROPE MUST BE TIGHT ENOUGH THAT IT CANNOT BE LOOPED BACK ON ITSELF, AND NO MORE THAN 12" OF ROPE SHOULD BE LEFT AFTER TYING DOUBLE KNOTS AT THE TOP AND BOTTOM OF THE ROPE.**



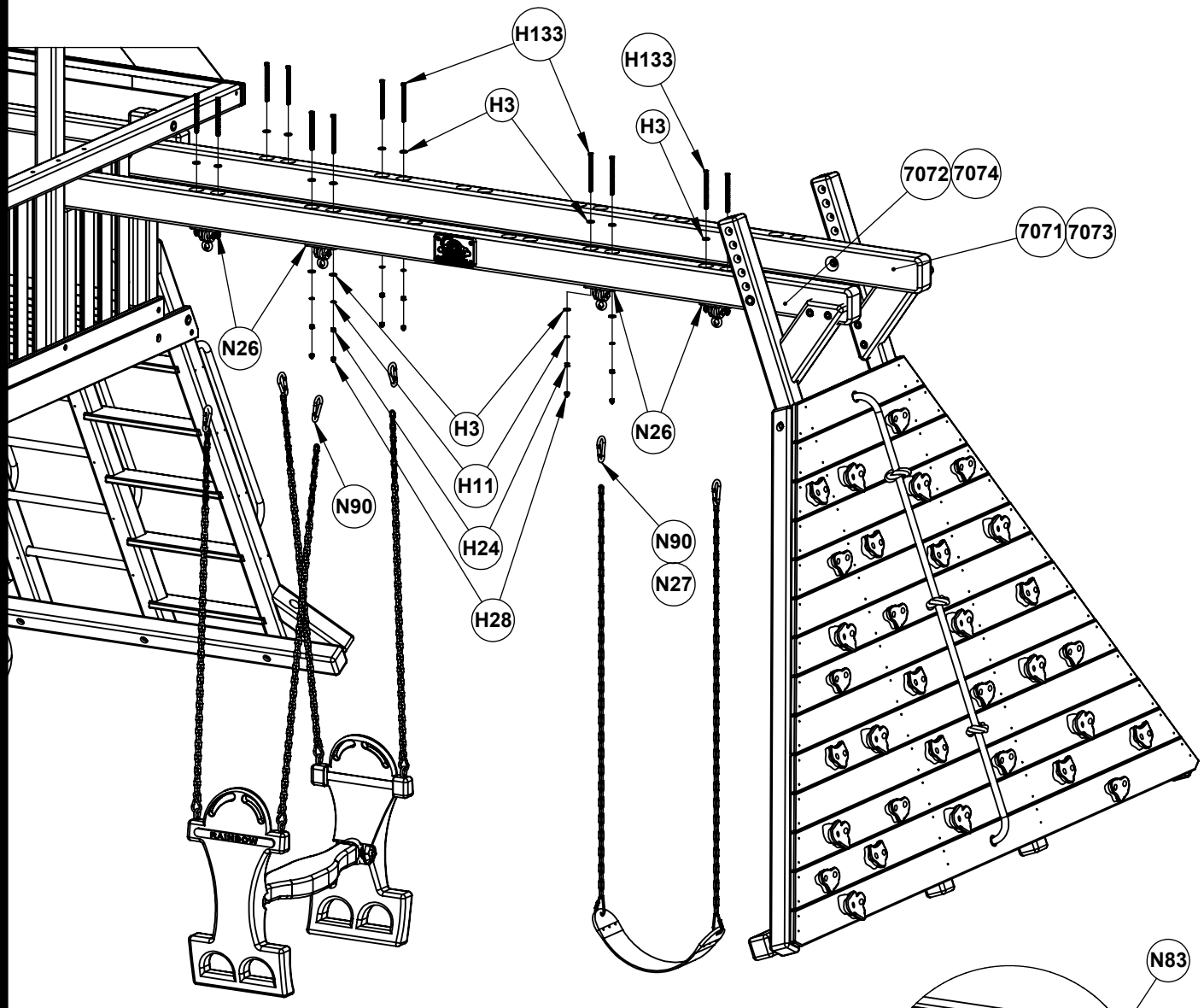
Step 72

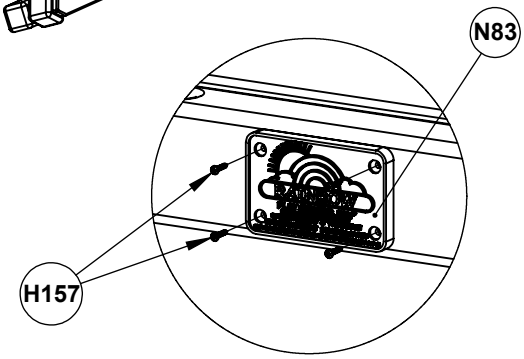
Swing Hanger Installation

***NOTE: Attach all swing options to only one Dual Swing Beam Arm except when installing Deluxe Glider.**

***NOTE: Deluxe Glider will be attached to both Dual Swing Beam Arms as shown.**

1. Attach Swing Hangers **(N26)** to Dual Swing Beam Arms **(7071) (7072) (7073) (7074)** using 3/8" Hardware **(H3) (H11) (H24) (H28) (H133)** .
   ***SUGGESTION: Use a locking pliers to hold on to Hex Head Bolts (H135).**
2. Position Rainbow Plaque **(N83)** in the approximate position shown and attach to Dual Swing Beam Arm using #10 Hardware **(H157)** (as shown in Inset A).
3. Attach Swing options to Swing Hangers **(N26)** using Spring Clips **(N27) (N90)**.





INSET A

Step 73

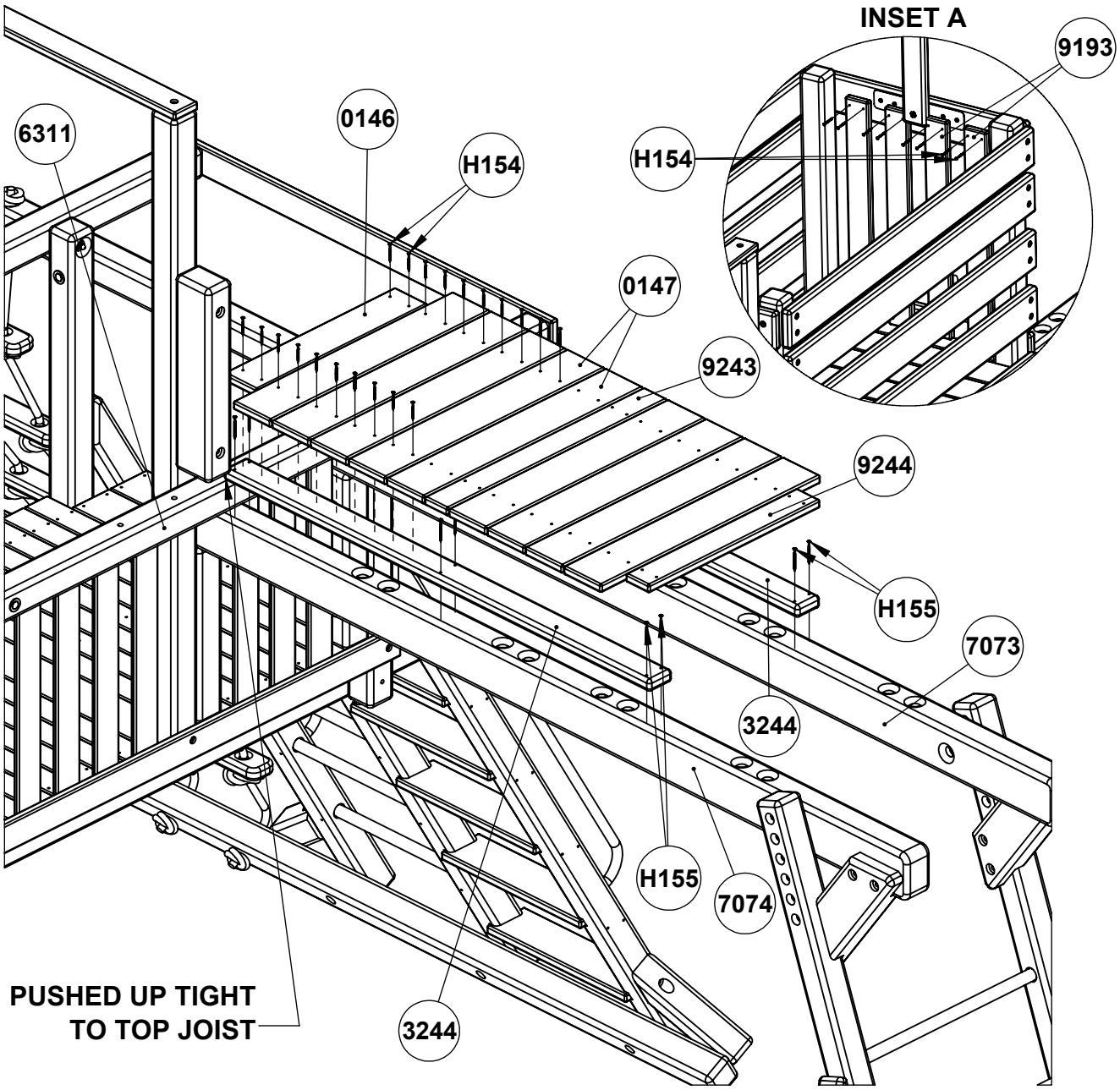
Penthouse Installation for Dual Swing Beams

***NOTE: Installation processes for mounting the penthouse on a Dual Swing Beam are the same as if installing it on a Monkey Bar, unless otherwise noted. Refer to pages 93-100 for steps to assemble and install the penthouse.**

1. When installing the Penthouse on a Dual Swing Beam, Filler Boards **(3244)** will need to be installed under the Deck. Position Filler Boards on Dual Swing Beam Arms **(7073) (7074)**, pushed up tight to Top Joist **(6311)**. Attach Filler Boards using #8 Hardware **(H155)**.

2. Attach Deck Boards **(9244) (0146) (0147)** to Filler Boards **(3244)** using #8 Hardware **(H154)**.

3. Rail Uprights installed on end of Penthouse will need to be replaced with the included shorter ones. Attach new shorter Rail Uprights **(9193)** using #8 Hardware **(H154)**.



Step 74

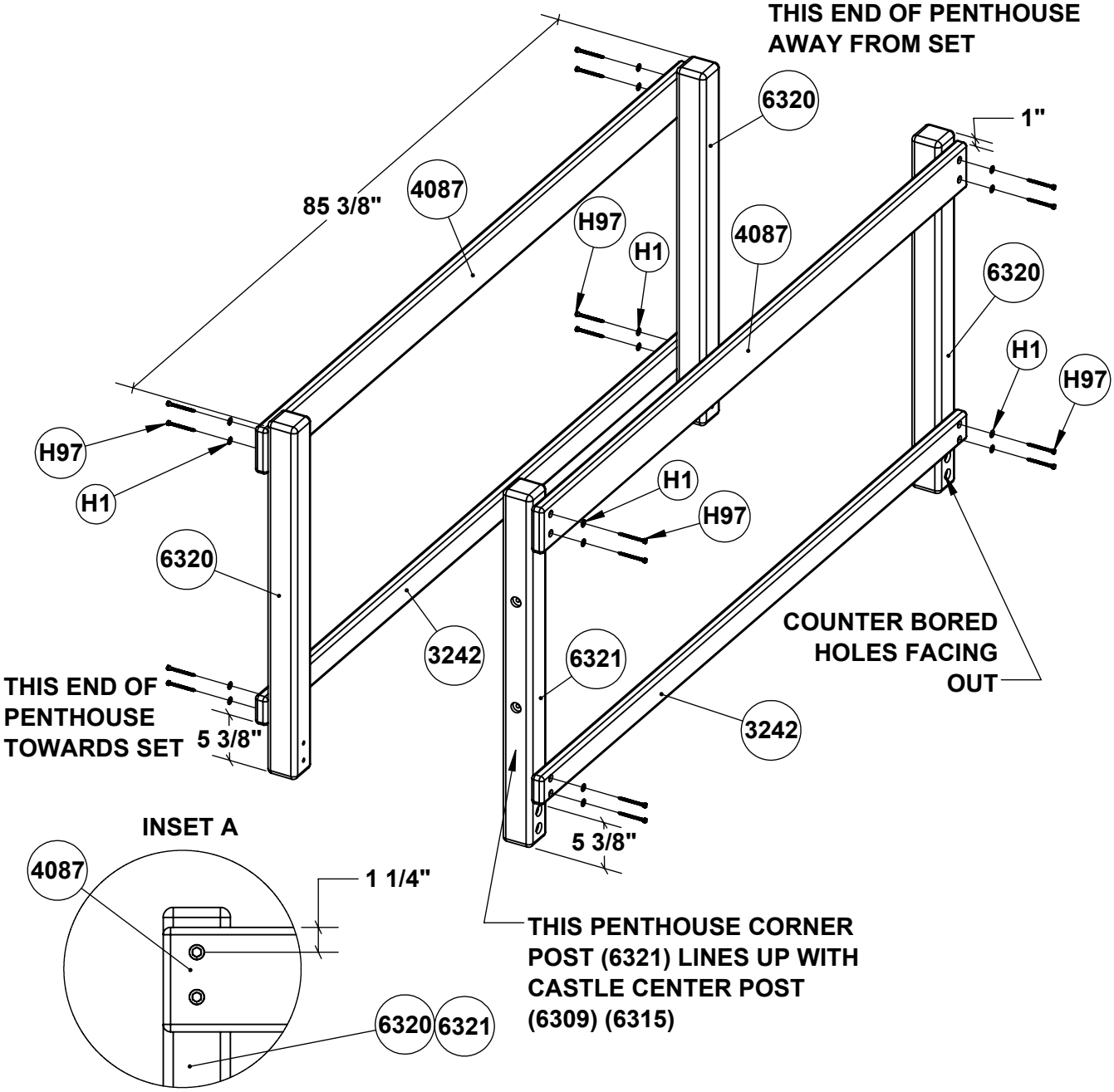
Extended Penthouse Assembly

***NOTE: Extended Penthouse can only be mounted on the 3 Position Dual Swing Beam.**
***NOTE: Pre-drill holes for all Lag Bolts using the appropriate drill bit.**
***NOTE: For ease of assembly, construct Extended Penthouse on a flat, level surface.**

1. Lay Penthouse Corner Posts **(6320) (6321)** on ground **85 3/8"** apart, with counter bored holes facing up. Measure down **1"** from top of Penthouse Corner Posts **(6320) (6321)** and attach Penthouse Side Boards **(4087)** using 1/4" Hardware **(H1) (H97)**. Offset holes must be oriented as shown in Inset A.

   ***NOTE: Penthouse Corner Post (6321) must be installed on the side of the Penthouse that will line up with the Castle Center Post (6189) (6192), and on the end of the Penthouse that will face towards the set.**

2. Measure up **5 3/8"** up from bottom of Penthouse Corner Posts **(6320) (6321)** and attach Penthouse Side Boards **(3242)** using 1/4" Hardware **(H1) (H97)**.



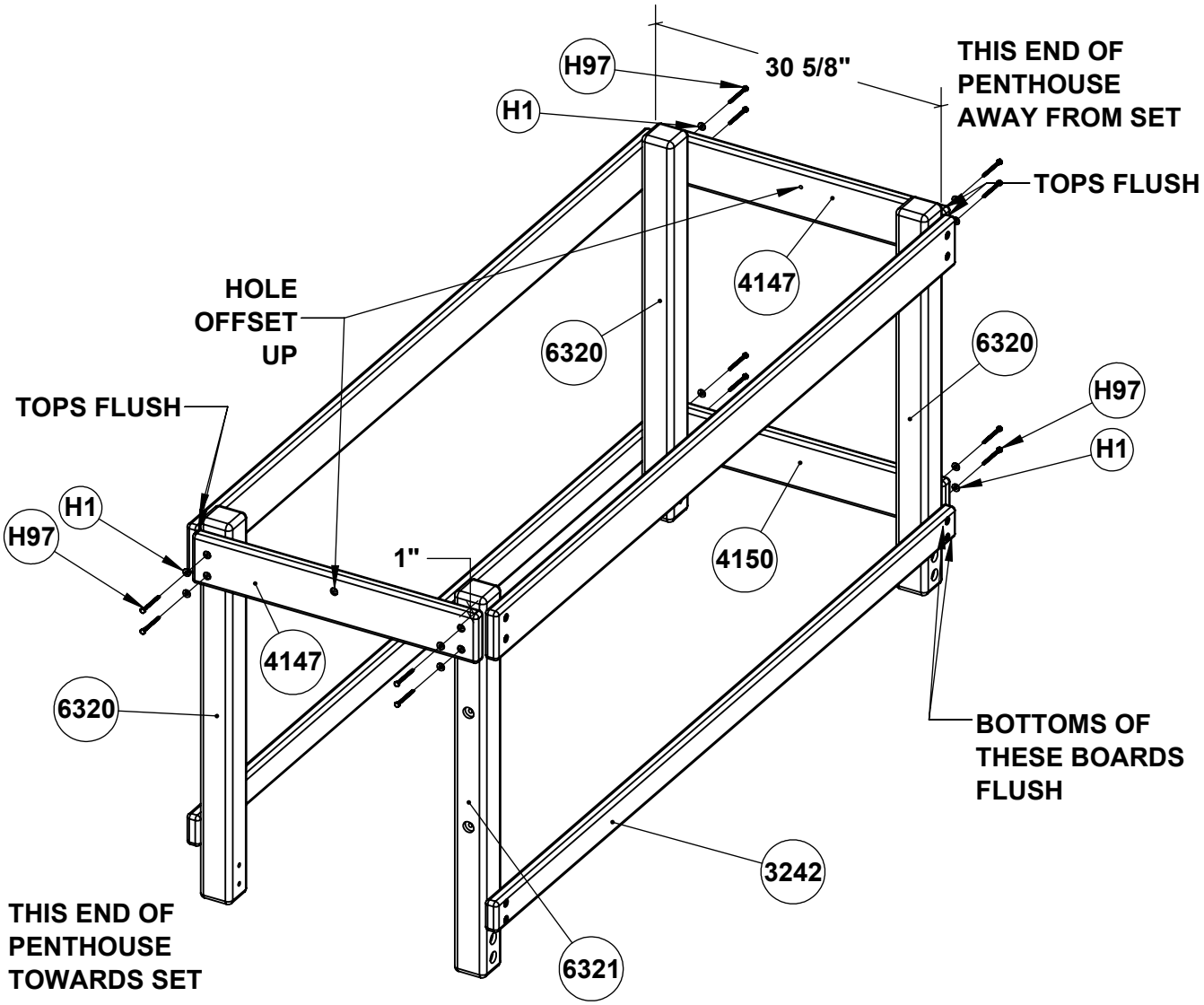
Step 75

Extended Penthouse Assembly

***NOTE: Ensure now and periodically throughout construction the Facias and Uprights are plumb and level.**

1. Stand up Penthouse wall assemblies, positioned **30 5/8"** apart. On each end of Penthouse, measure down **1"** from tops of Penthouse Corner Posts **(6320) (6321)** and attach Tarp Facias **(4147)** using 1/4" Hardware **(H1) (H97)**.
   ***NOTE: Center counter bored hole in Tarp Facia (4147) must be offset up when properly installed.**

2. On end of Penthouse that faces away from set, attach Penthouse End Facia **(4150)** to Penthouse Corner Posts **(6320)** using 1/4" Hardware **(H1) (H97)**. Bottom of Penthouse End Facia **(4150)** will be flush with bottom of previously installed Penthouse Side Board **(3242)** when properly installed.

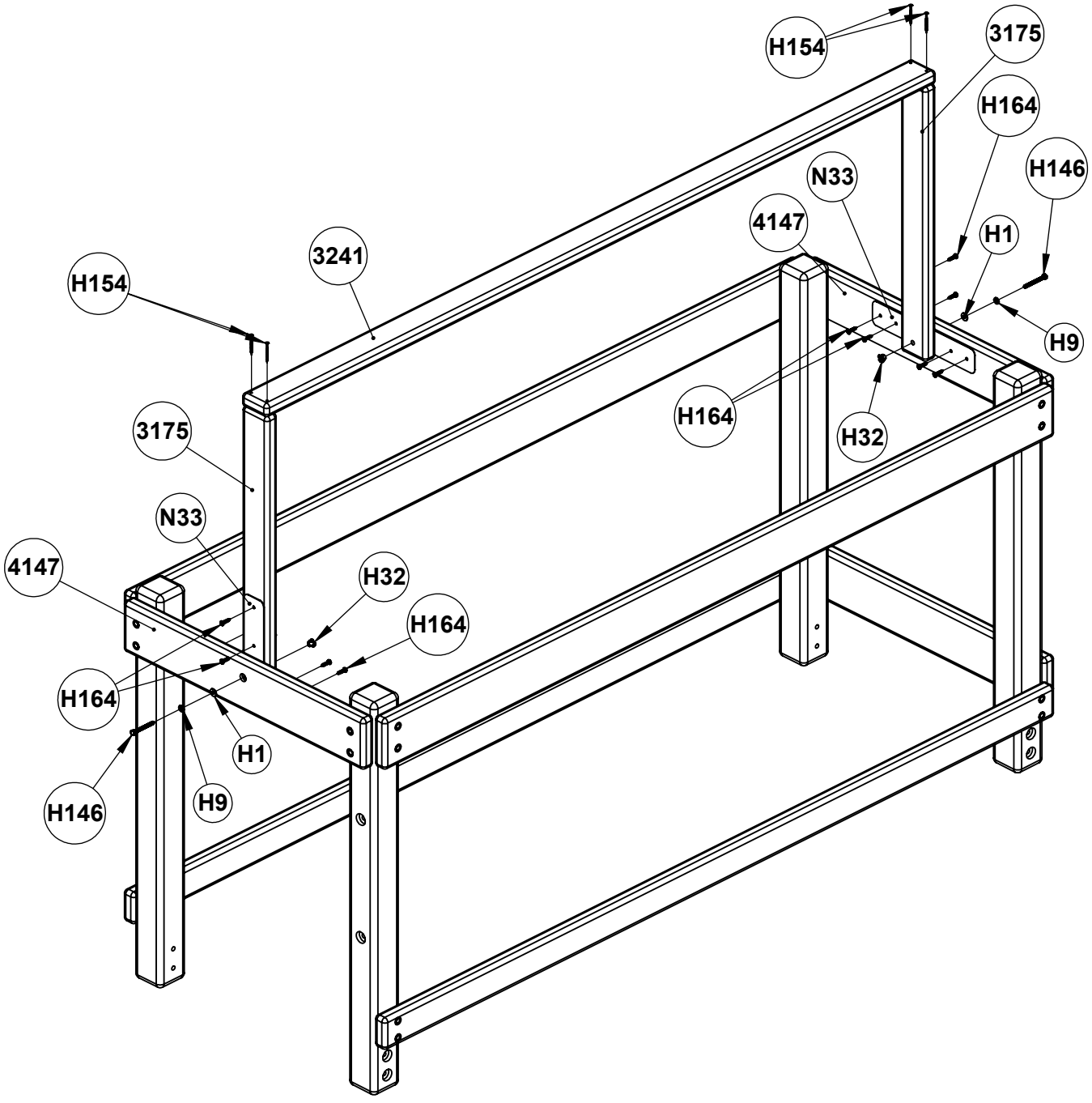


Step 76

Extended Penthouse Tarp Board Installation

***NOTE: If installing wood roof, skip to next Step.**

1. Using a small hammer, pound 1/4" Hardware **(H32)** into holes in Short Penthouse Center Posts **(3175)**.
2. Attach T-Brackets **(N33)** and Short Penthouse Center Posts **(3175)** through center holes in Tarp Facias **(4147)** using 1/4" Hardware **(H1) (H9) (H32) (H146)**.
3. Ensure Short Penthouse Center Posts **(3175)** are plumb and finish securing T-Brackets **(N33)** using #14 Hardware **(H164)**.
4. Flush Tarp Board **(3241)** with outside faces of Short Penthouse Center Posts **(3175)** and attach using #8 Hardware **(H154)**.



Step 77

Extended Penthouse Wood Roof Installation

1. Install 1/4" Hardware **(H1) (H9) (H32) (H215)** into center holes in Tarp Facias **(4147)**. A small hammer or mallet may be used to pound 1/4" Hardware **(H32)** into back of Tarp Facias **(4147)**.

2. Position Penthouse Wood Roof Supports **(3183)** on top of Penthouse Corner Posts **(6320) (6321) 15/16"** from outside face of Penthouse Corner Posts (as shown in Inset A). Attach Penthouse Roof Supports **(3183)** using 1/4" Hardware **(H1) (H100)**.

   ***NOTE: Penthouse Roof Supports (3183) should be flush together at the tops, centered in the middle of Penthouse when properly installed.**

3. Line up angled edges of Peak Facias **(0087)** with Penthouse Wood Roof Supports **(3183)** and attach using #8 Hardware **(H154)**. Edges of Peak Facias **(0087)** must not protrude past edges of Penthouse Wood Roof Supports **(3183)**.

4. Flush ends of Tarp Board **(3241)** with outside faces of Peak Facia **(0087)** and attach using #8 Hardware **(H154)**.

5. Measure up **1 1/4"** from top of Penthouse Corner Posts **(6320) (6321)** and attach Entrapment Board **(9183)** to Penthouse Wood Roof Supports **(3183)** using #8 Hardware **(H154)**.

   ***NOTE: Ends of Entrapment Board (9183) must not protrude past edges of Penthouse Wood Roof Supports (3183) when properly installed.**

   ***NOTE: Penthouse Roof Boards will be installed in a later step.**

Continued on next page:

Step 77

Extended Penthouse Wood Roof Installation

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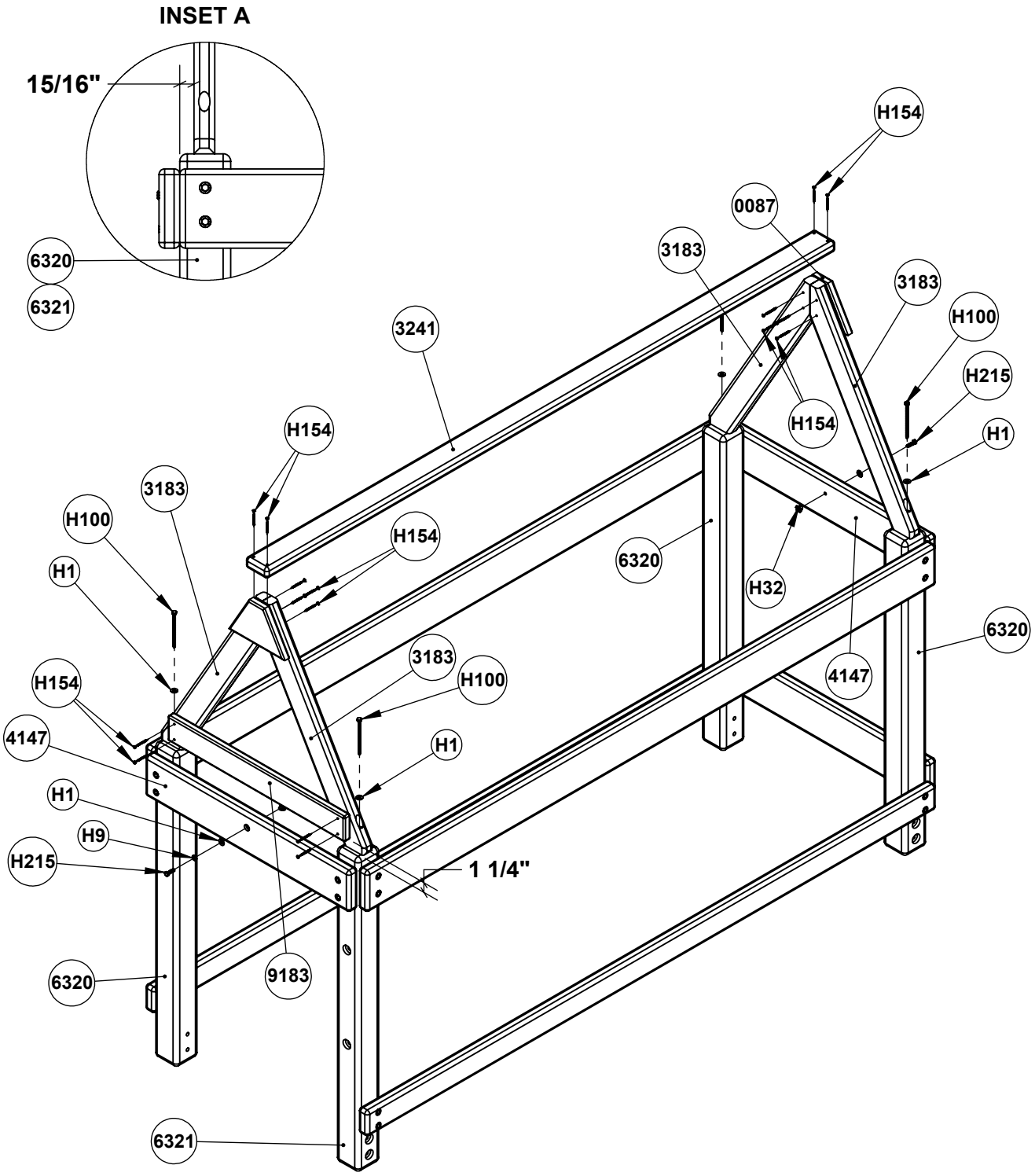


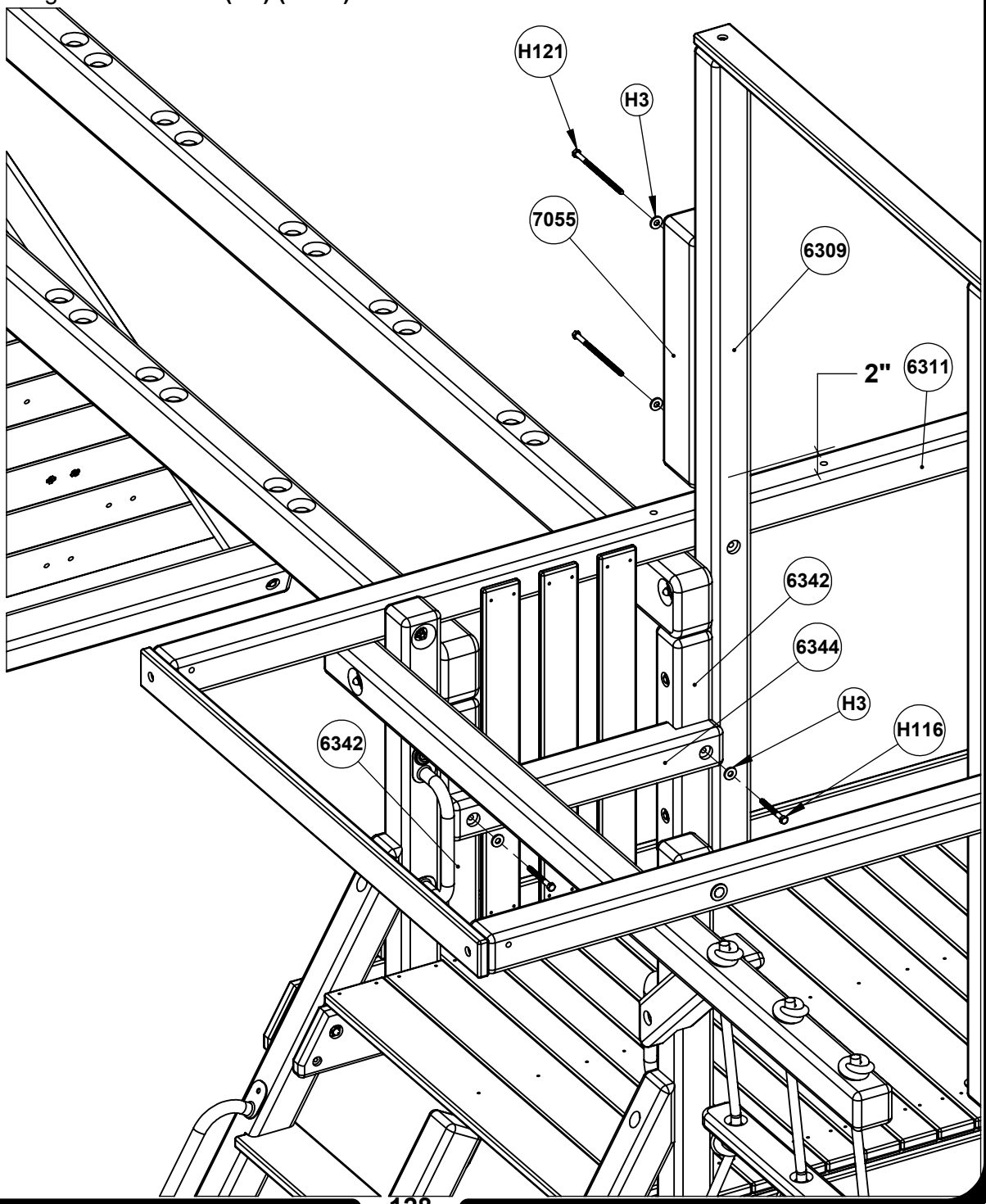
Step 78

Penthouse Filler Block & Step Block Installation

1. Position Filler Block **(7055)** against Center Post **(6309)**, **2"** up from top of Top Joist **(6311)**. Attach Filler Block using 3/8" Hardware **(H3) (H121)**.

   ***NOTE: If set has a Wood Roof, Filler Block (7055) will be attached to Penthouse in a later Step.**

2. Position Step Block **(6344)** against Monkey Bar Support Blocks **(6342)**, at approximate height shown, and attach using 3/8" Hardware **(H3) (H116)**.

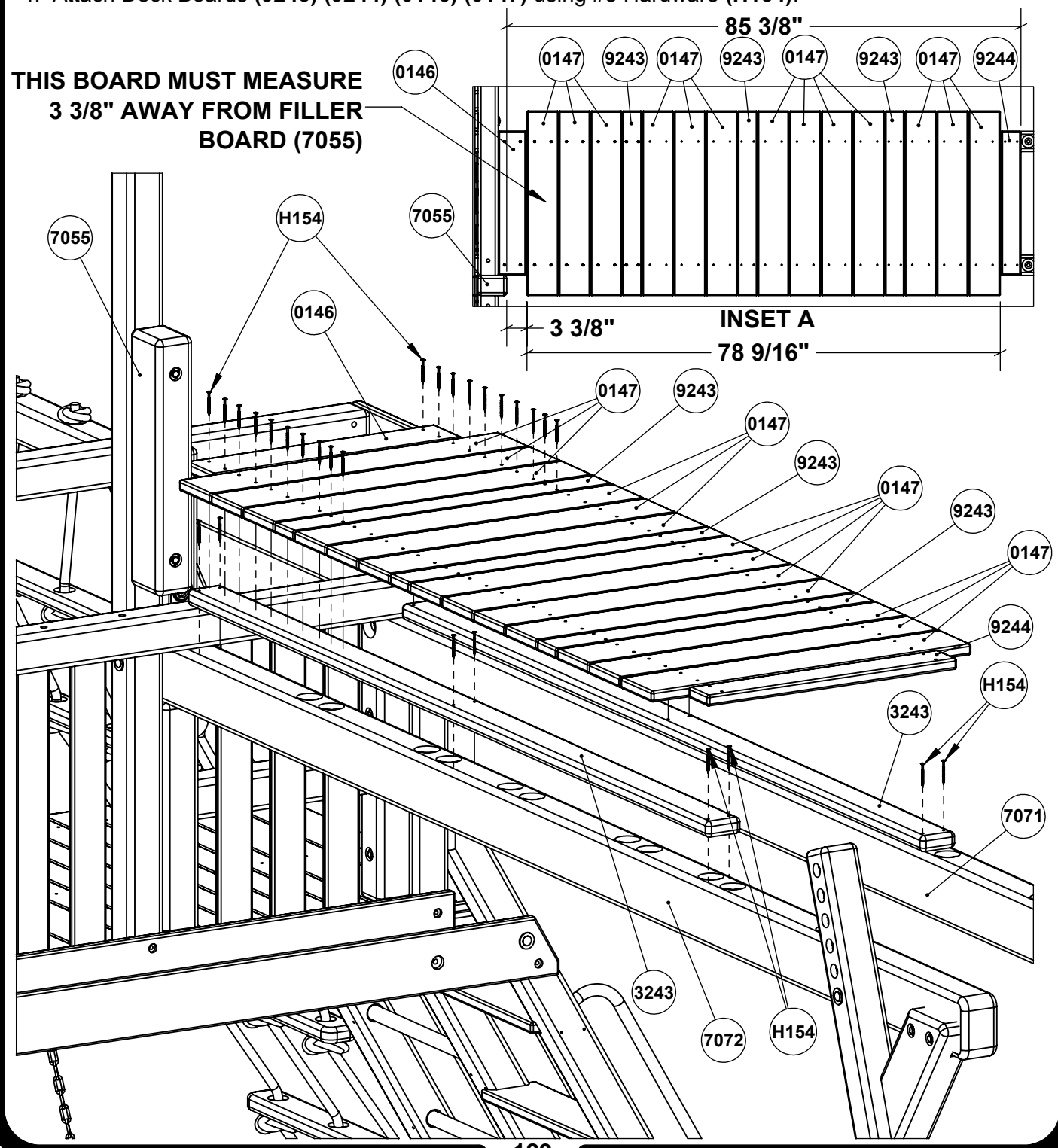


Step 79

Extended Penthouse Deck Board Installation

***NOTE: Extended Penthouse cannot be placed on 2 Position Dual Swing Beam.**

1. Place Penthouse Deck Filler **(3243)** on top of Dual Swing Beam Arms **(7071) (7072)**.
2. Attach Penthouse Deck Filler **(3243)** to Dual Swing Beam Arms **(7071) (7072)** using #8 Hardware **(H154)**.
3. Layout and evenly space Deck Boards **(9243) (9244) (0146) (0147)**, in pattern shown, on top of Monkey Bar using measurements shown in Inset A.
4. Attach Deck Boards **(9243) (9244) (0146) (0147)** using #8 Hardware **(H154)**.



Step 80

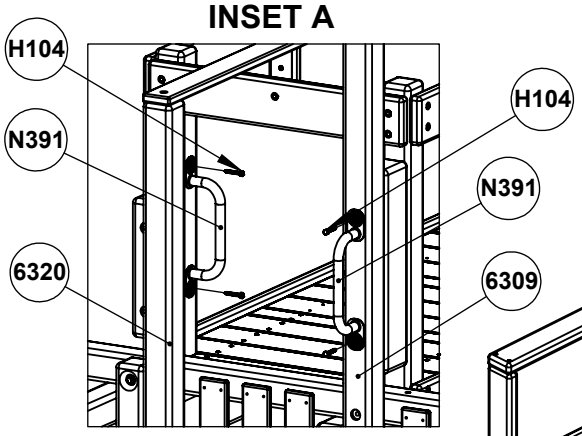
Extended Penthouse and Handle Installation

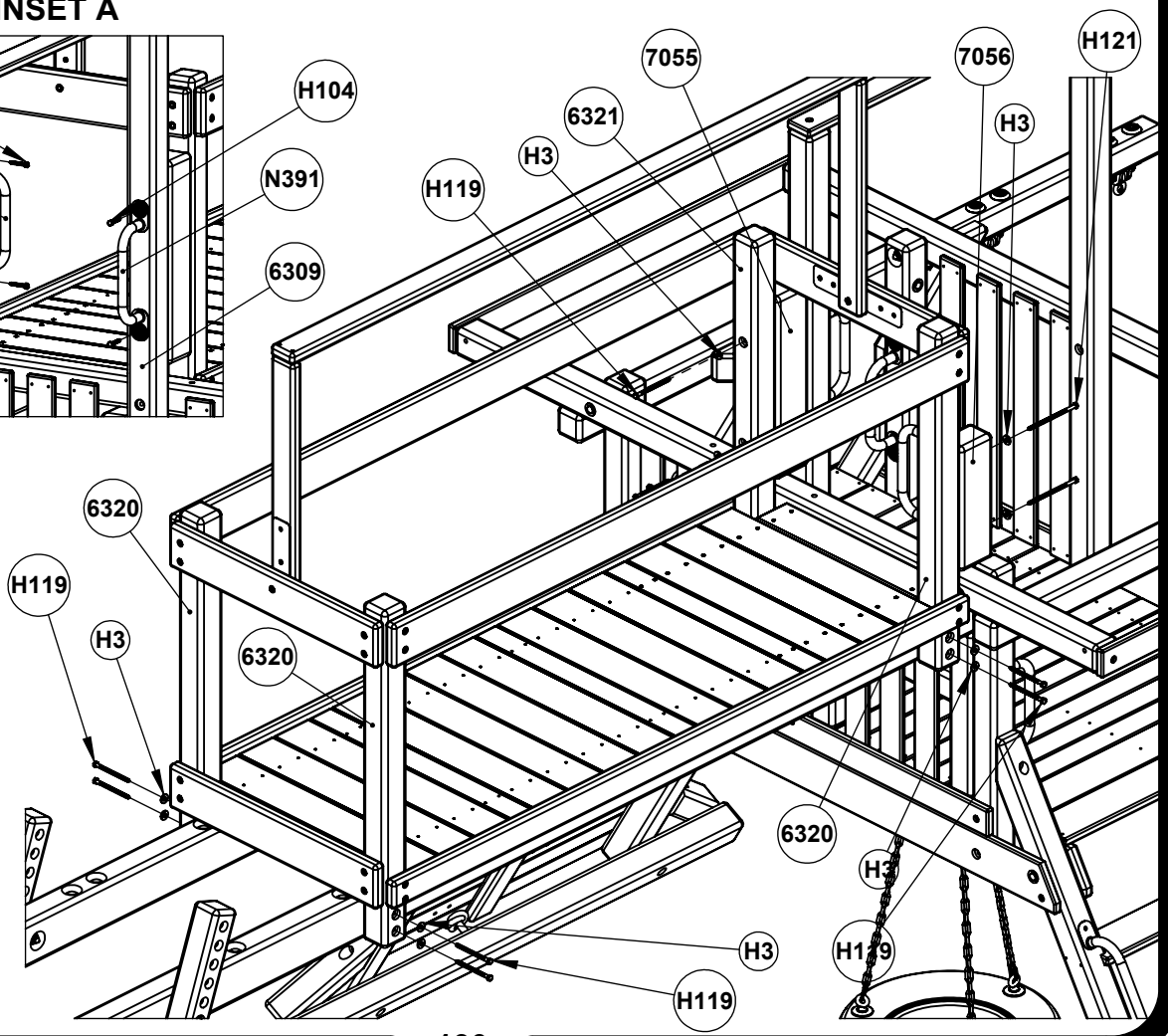
***WARNING: DUE TO ITS EXTREME WEIGHT, IT IS STRONGLY RECOMMENDED THAT AT LEAST THREE PEOPLE HELP TO LIFT PENTHOUSE INTO PLACE.**

***NOTE: Extended Penthouse with Tarp is shown; installation of the Extended Penthouse with Wood Roof will be the same unless otherwise noted.**

1. Carefully lift Extended Penthouse on top of Dual Swing Beam Arms, positioning Extended Penthouse on top of previously installed Deck Boards, and pushed up tight to Filler Block **(7055)**.
2. Attach Extended Penthouse to Dual Swing Beam Arms using 3/8" Hardware **(H3) (H119)**.
   ***NOTE: Bottoms of Penthouse Corner Posts (6320) (6321) should be flush with bottom of Dual Swing Beam Arms when properly installed.**
3. Attach Penthouse Corner Post **(6321)** to Filler Block **(7055)** using 3/8" Hardware **(H3) (H119)**.
   ***NOTE: If installing Wood Roof, Penthouse Corner Post (6321) will not be attached to Filler Block (7055).**
4. Position Filler Block **(7056)** against Penthouse Corner Post **(6320)** and attach using 3/8" Hardware **(H3) (H121)**. Do not attach Filler Block at this time if installing Wood Roof.
5. Position Safety Handles **(N391)** against Penthouse Corner Post **(6320)** and Center Post **(6309)**, in approximate locations shown, and attach using 5/16" Hardware **(H104)** (as shown in Inset A).
   ***NOTE: If installing Wood Roof, one Safety Handle will be attached to Filler Block (7055) instead of Center Post (6309).**

INSET A



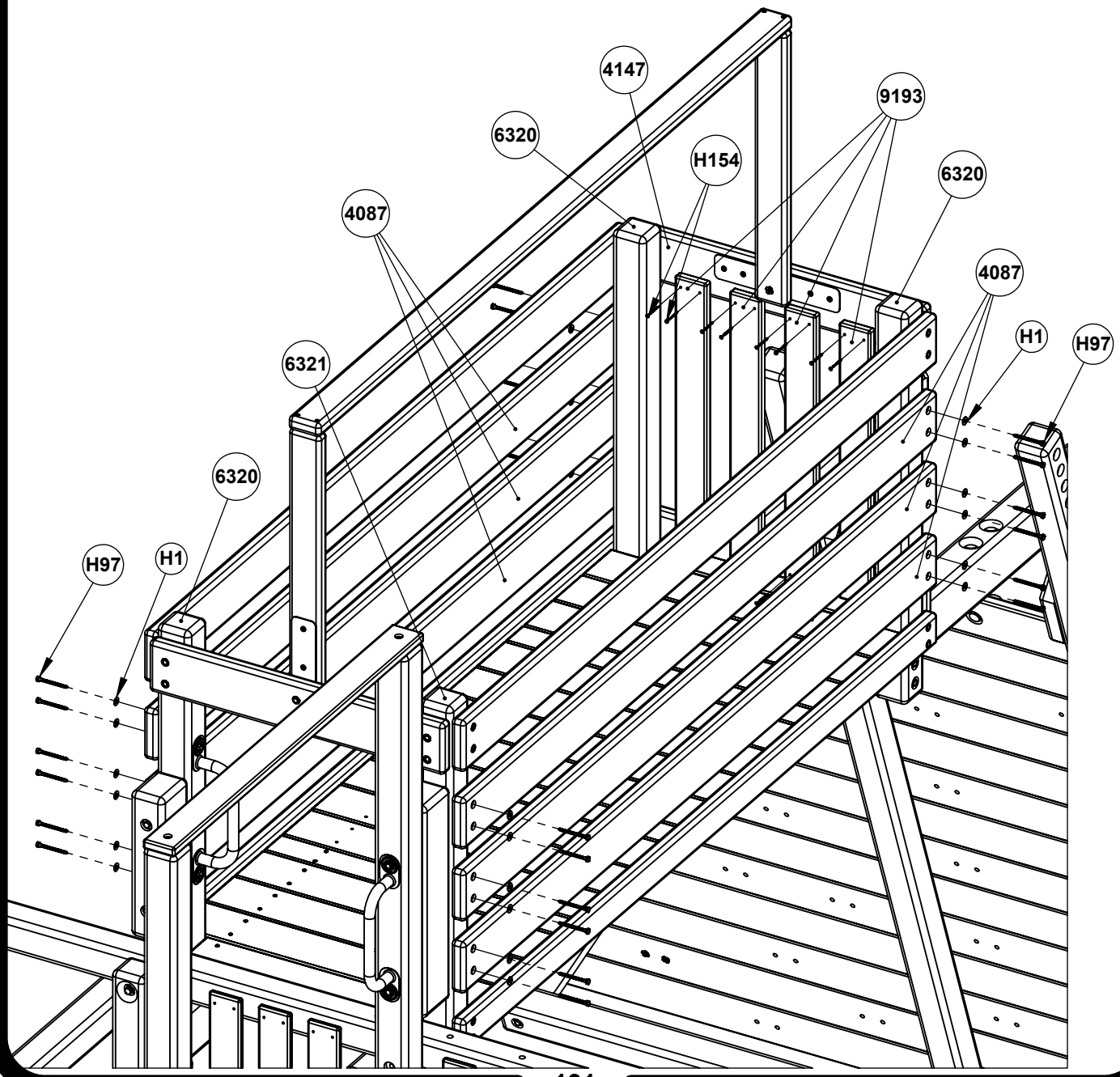


Step 81

Extended Penthouse Side Board & Rail Upright Installation

***NOTE: Installation of Rail Uprights and Penthouse Side Boards will be the same for the Penthouse with Wood Roof.**

1. Evenly space Penthouse Side Boards **(4087)** against Penthouse Corner Posts **(6320) (6321)** and attach using 1/4" Hardware **(H9) (H97)**.
   ***NOTE: Spacing between Penthouse Side Boards (4087) should measure approximately 2 1/2".**
2. Evenly space Penthouse Rail Uprights **(9193)** (as shown) against Tarp Facia **(4147)** and Penthouse End Facia **(4150)** and attach using #8 Hardware **(H154)**.

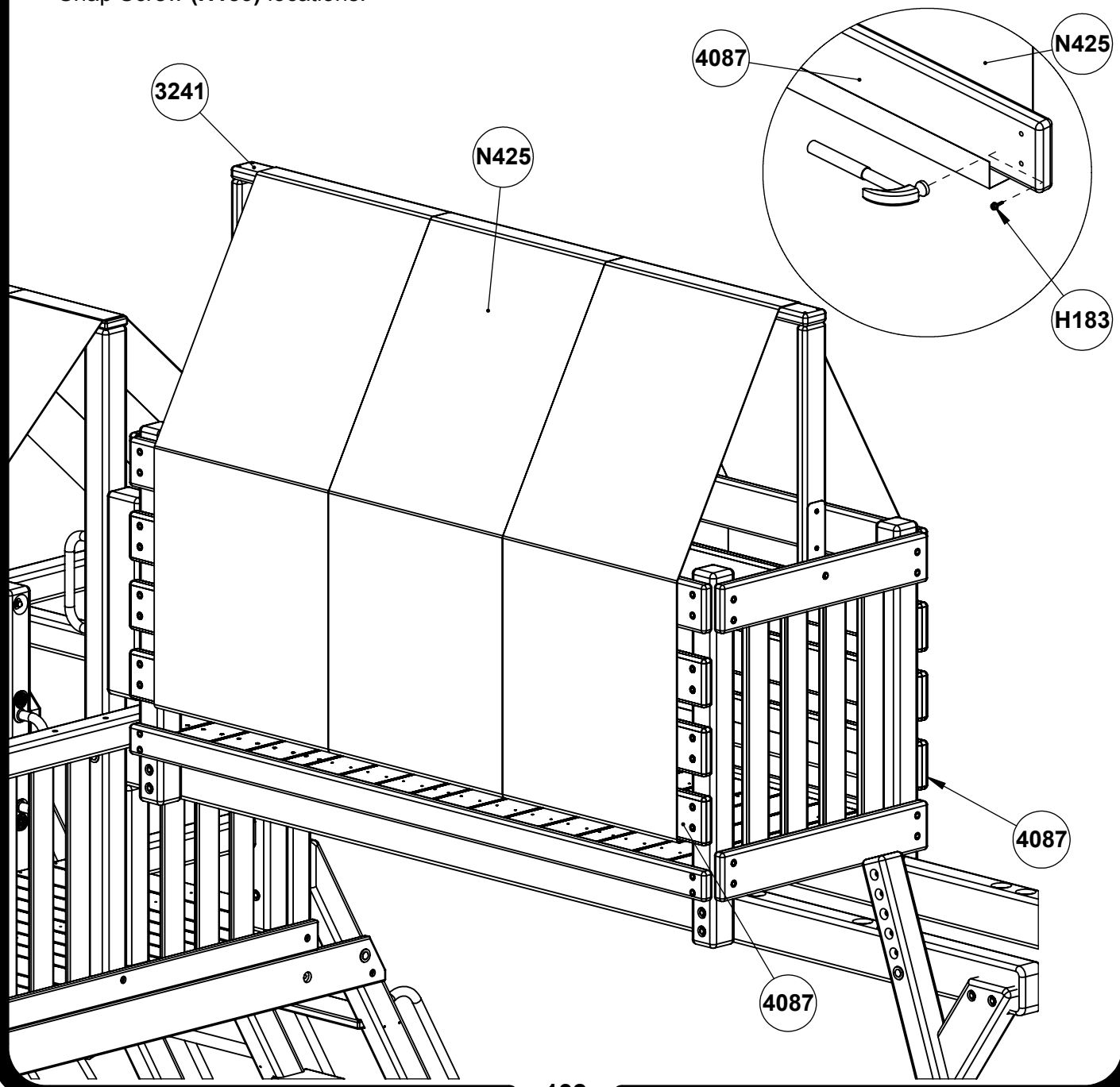


Step 82

Extended Penthouse Tarp Installation

***NOTE: Skip to next Step if installing Extended Penthouse with Wood Roof.**

1. Evenly spread Penthouse Tarp **(N425)** over the top of Tarp Board **(3241)** and Penthouse Side Boards **(4087)** with the Snaps against the inside.
2. Wrap Tarp **(N425)** around the bottom side of Penthouse Side Boards **(4087)**. Starting with the middle tarp snap, gently tap each snap with a hammer to leave an indentation in the wood (as shown in Inset A).
3. Install snap screws **(H183)** in the center of the indentations. Snap Screws **(H183)** are rolled up in the Penthouse Tarp **(N425)**.
4. Snap the Penthouse Tarp **(N425)** to the Snap Screws **(H183)**.
5. Repeat parts 2, 3 and 4 for the other side. Penthouse Tarp should be pulled tight when marking Snap Screw **(H183)** locations.



Step 83

Extended Penthouse Wood Roof Installation

1. Position first Roof Board **(4090)** on Penthouse Roof Supports **(3183)**, pushed up to and flush with ends of Tarp Board **(3241)** (as shown in Inset A). Attach Roof Board **(4090)** using #8 Hardware **(H154)**.

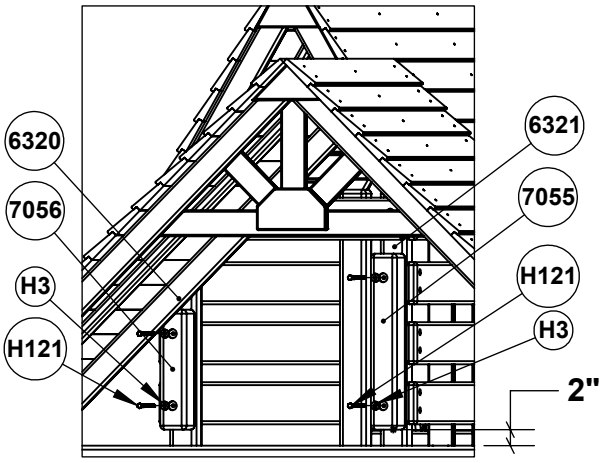
2. Continue attaching Roof Boards **(4088)** to Penthouse Roof Supports **(3183)** using #8 Hardware **(H154)**, making sure Roof Boards **(4088)** stay flush with the top two Roof Boards **(4090)**.

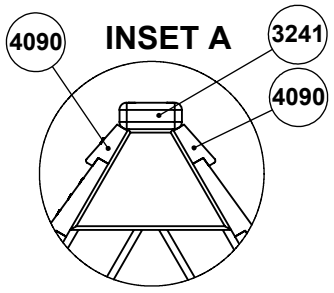
3. After Attaching Roof Boards **(4088)**, evenly space Penthouse Wood Roof Runner **(3182)** on underside of Roof Boards **(4088) (4090)** and attach using #8 Hardware **(H154)**.

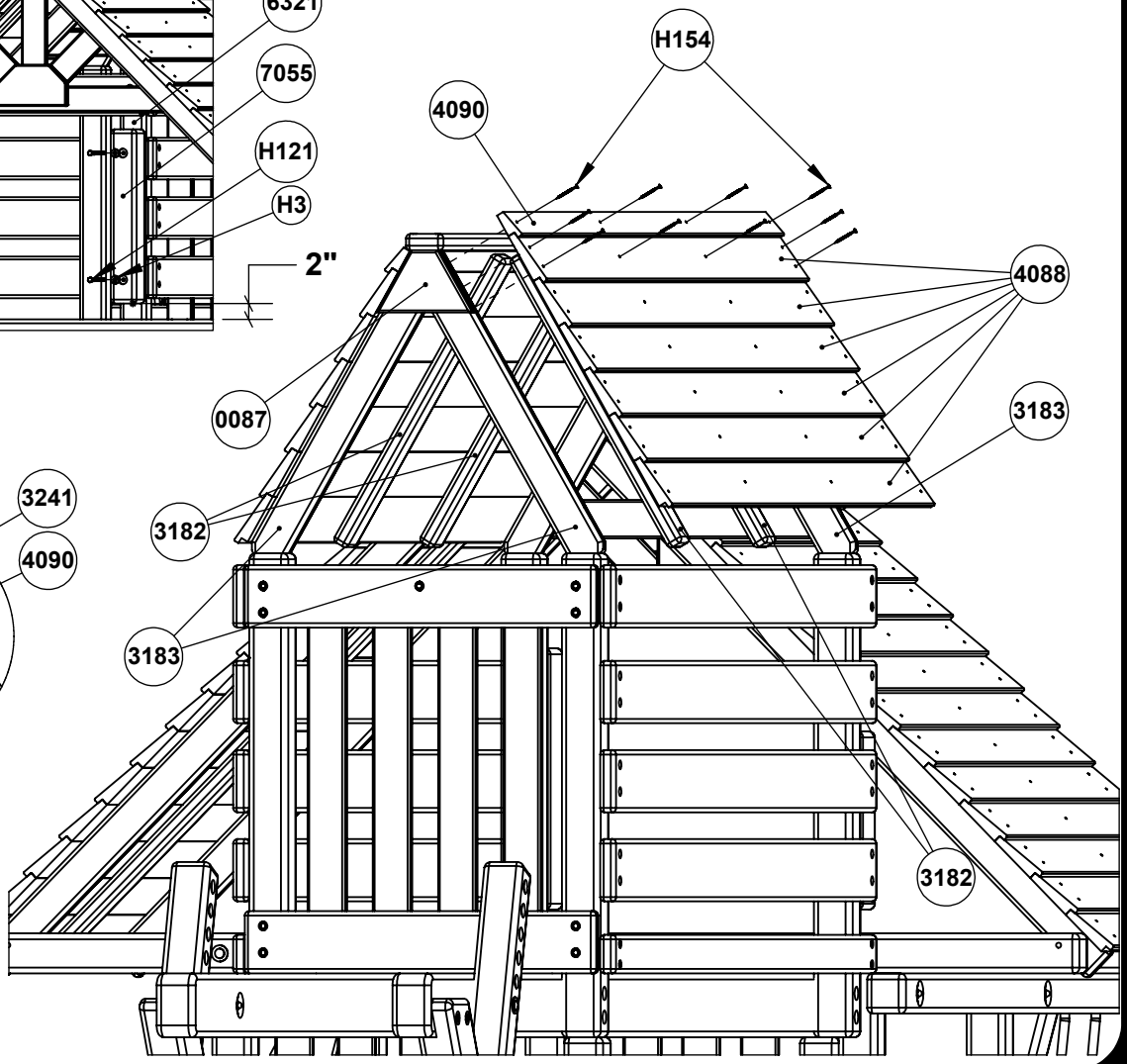
4. On inside of set, position Filler Blocks **(7055) (7056)** against Penthouse Corner Posts **(6320) (6321)** (as shown in Inside View of Set). Attach Filler Blocks using 3/8" Hardware **(H3) (H121)**.

   ***NOTE: Filler Blocks should be positioned 2" up from Top Joist.**

INSIDE VIEW OF SET







Step 84

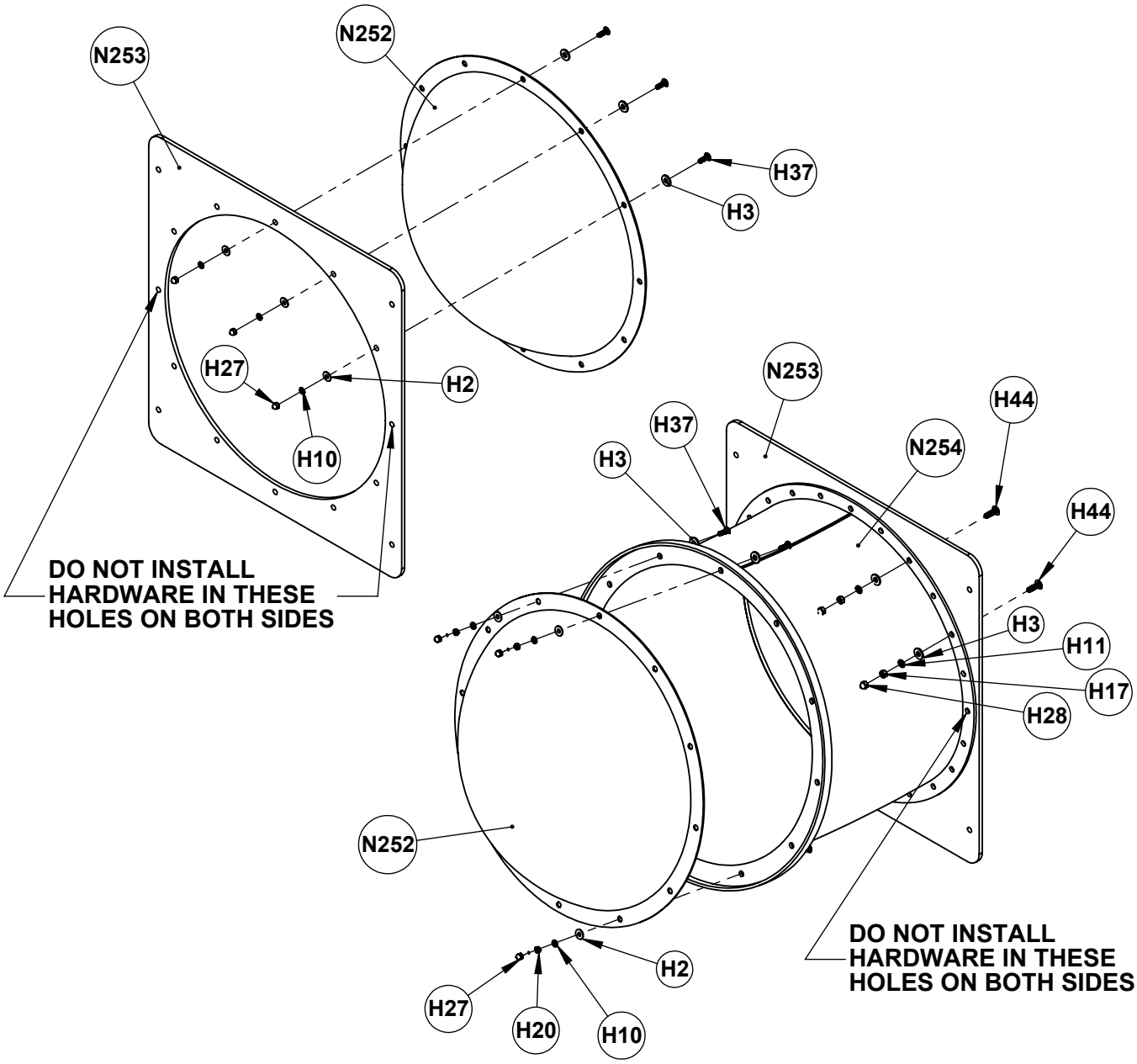
Bubble Panel & Extended Bubble Panel Assembly

Bubble Panel:

1. Attach Bubble **(N252)** to Panel Mount **(N253)** using 3/8" Hardware **(H3)** and 5/16" Hardware **(H2) (H10) (H27) (H37)**.
   ***NOTE: 5/16" Hardware (H27) must be tightened to 5 foot-pounds torque when properly installed.**
   ***NOTE: Do not install Hardware in the outer most holes of the panel mount.**

Extended Bubble Panel:

1. Attach 10° Elbow **(N254)** to Bubble Panel **(N253)** using 3/8" Hardware **(H3) (H11) (H17) (H28) (H44)**.
2. Attach Bubble **(N252)** to 10° Elbow **(N254)** using 3/8" Hardware **(H3)** and 5/16" Hardware **(H2) (H10) (H20) (H27) (H37)**.
   ***NOTE: 5/16" Hardware (H27) must be tightened to 5 foot-pounds torque when properly installed.**



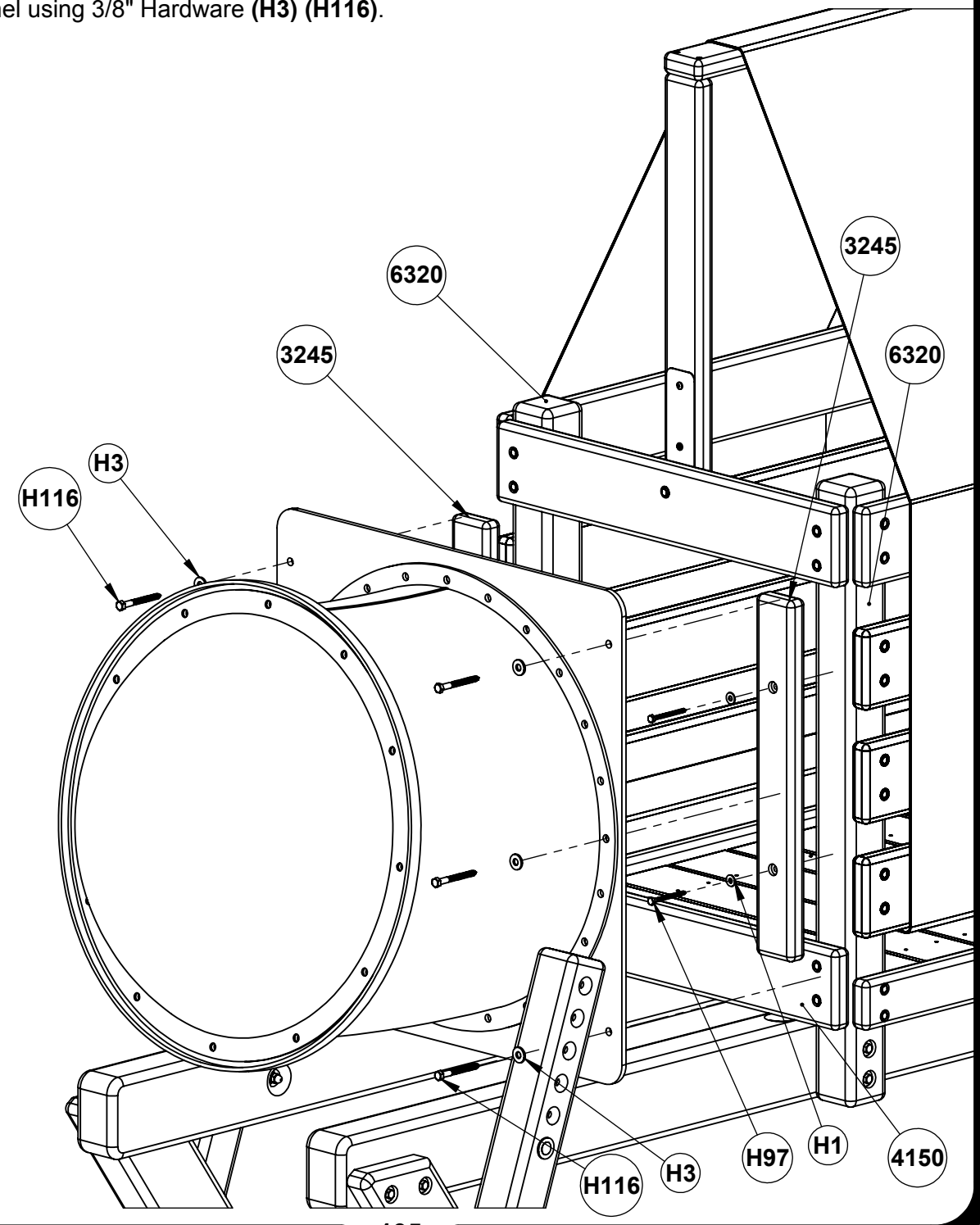
Step 85

Bubble Panel Installation

***NOTE: Be sure to pre-drill for 3/8" Lag Bolts to avoid splitting out Bubble Panel Filler Boards (3245) and Penthouse Facia (4150).**

1. Position Bubble Panel Fillers **(3245)** against Penthouse Corner Posts **(6320)** and attach using 1/4" Hardware **(H1) (H97)**.

2. Position assembled Bubble Panel against Panel Fillers **(3245)** and Penthouse Facia **(4150)**. Attach Bubble Panel using 3/8" Hardware **(H3) (H116)**.



Step 86

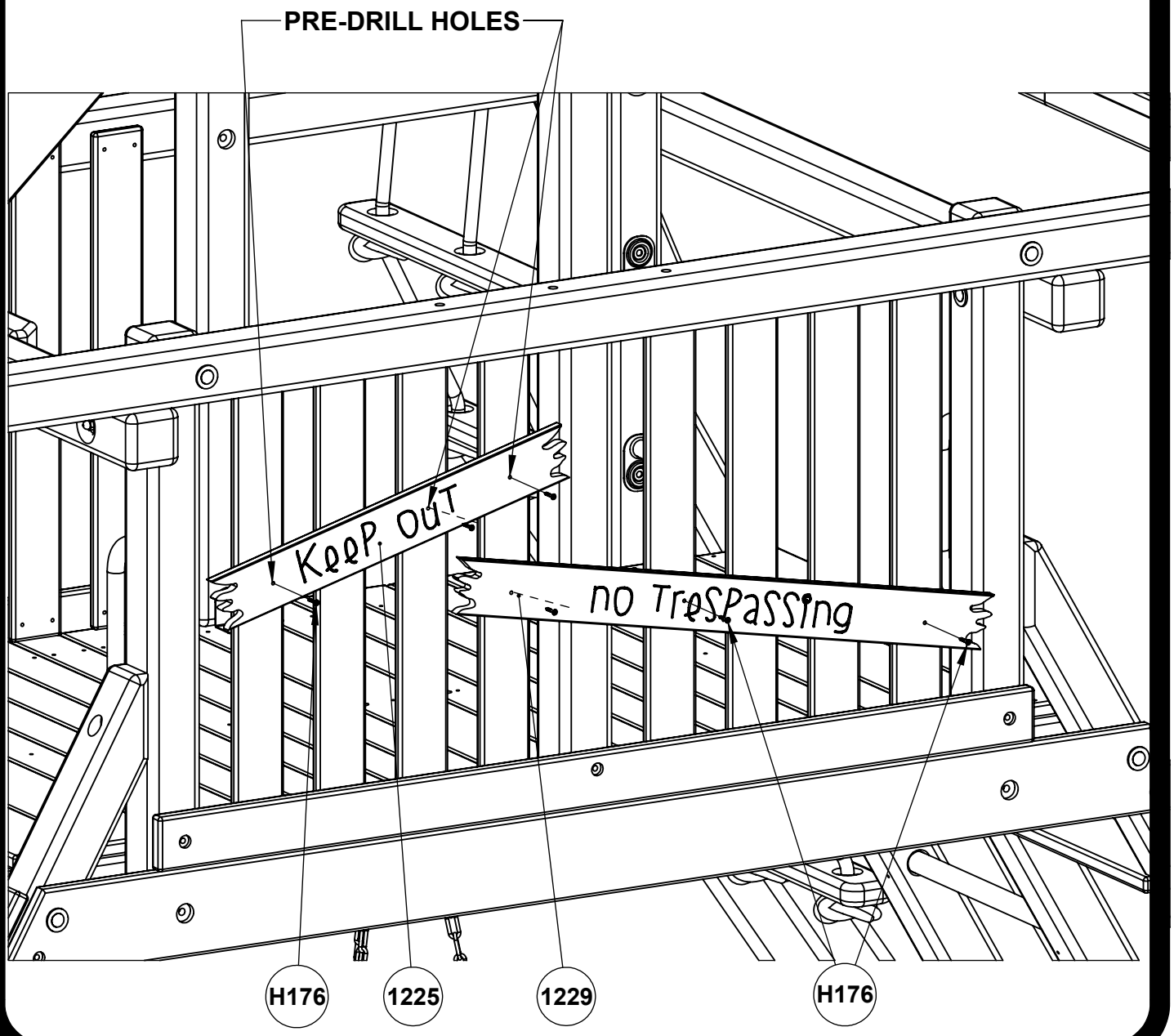
Wacky Sign Board Installation

***NOTE: Wacky Sign Boards may be positioned and attached anywhere on set as long as there is enough room to properly attach boards.**

1. Position Wacky Sign Boards **(1225) (1226) (1229) (1230)** against the Uprights that they are being attached to and make marks for a **Qty. of three** pre-drilled holes per board.
   ***NOTE: Pre-drilled holes should line up approximately in the center of the Uprights when possible.**

2. Using a **3/16" drill bit**, pre-drill through Wacky Sign Boards **(1225) (1226) (1229) (1230)**, on previously made marks.

3. Reposition Wacky Sign Boards against Uprights and attach using #8 Hardware **(H176)**.



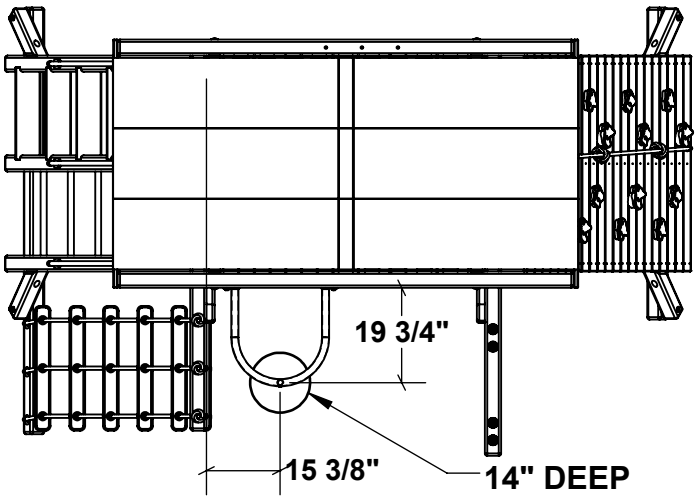
Step 87

Fire Pole Installation

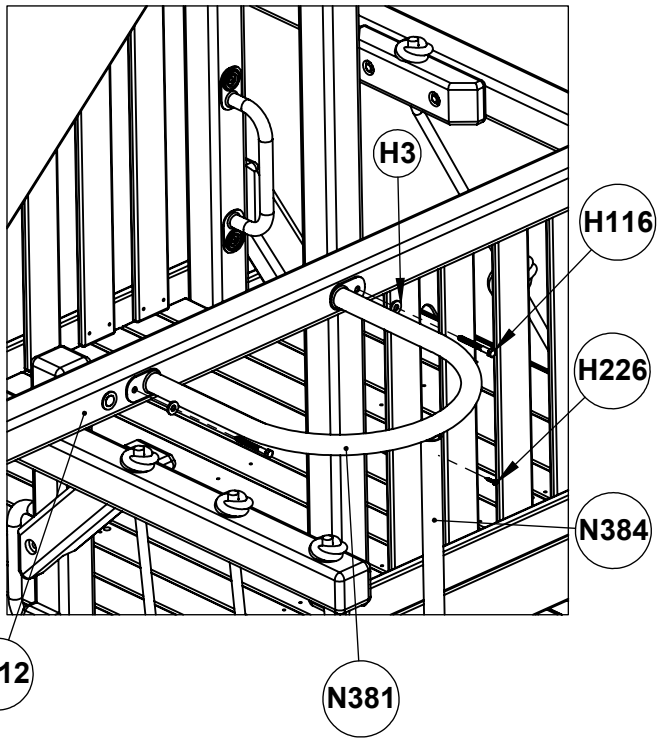
⚠ ***WARNING: LOCATE ALL UNDERGROUND UTILITIES BEFORE DIGGING.**

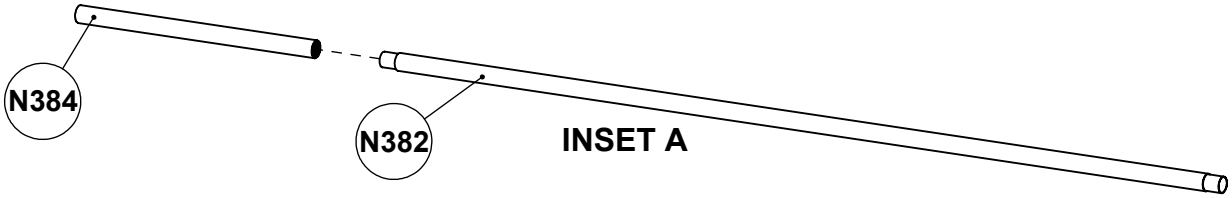
1. Measure out from set **19 3/4"**, and in from Upright **12"**, and dig a hole approximately **14" deep** for Fire Pole assembly to sit in (as shown in Top View of Set).
2. Locate Short Fire Pole Extension **(N384)** and thread Extension onto Fire Pole Mid-Section **(N382)** (as shown in Inset A).
   ***NOTE: Only one Fire Pole Extension will be used.**
3. Insert assembled Extension onto Fire Pole Top **(N381)** and secure to Fire Pole Top using #10 Hardware **(H226)** (as shown in Inset B).
4. Lift assembled Fire Pole up against Top Joist **(6312)**, center in opening (as shown in Inset B).
5. Attach Fire Pole assembly to Top Joist **(6312)** using 3/8" Hardware **(H3) (H116)**.
6. Ensure Fire Pole is plumb and fill hole around Fire Pole with concrete.

TOP VIEW OF SET



INSET B





INSET A

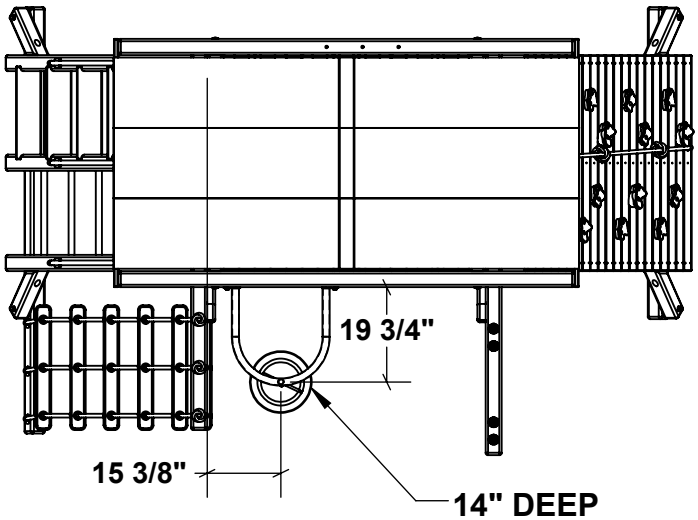
Step 88

Coil Climber Installation

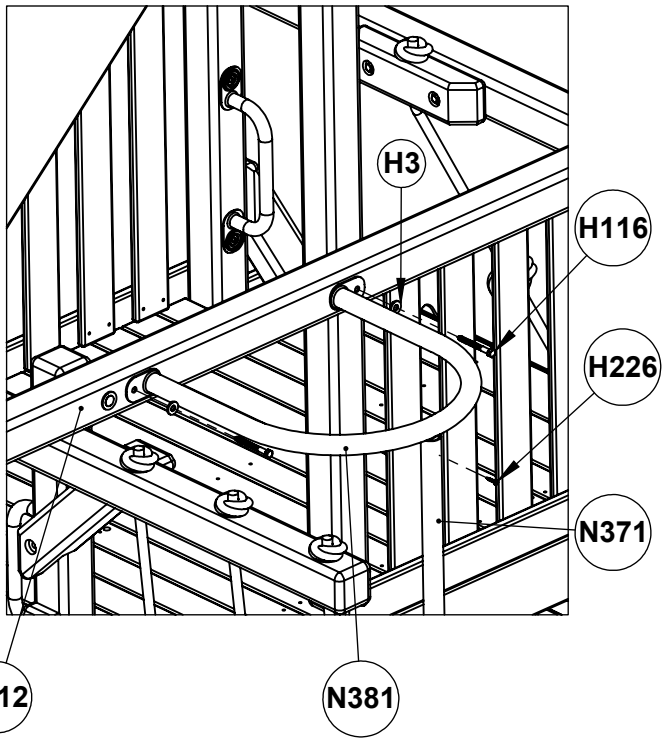
⚠ ***WARNING: LOCATE ALL UNDERGROUND UTILITIES BEFORE DIGGING.**

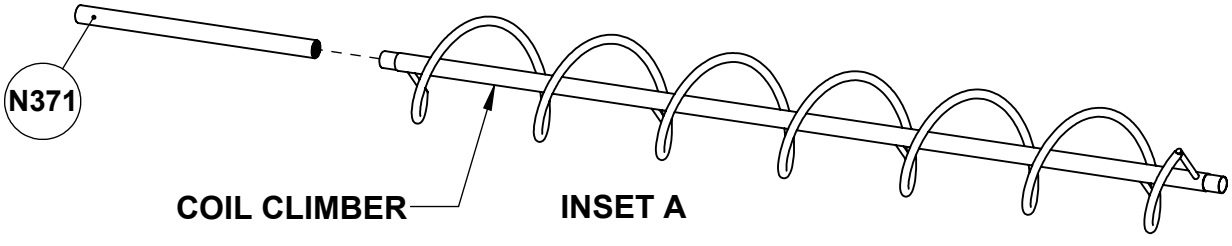
1. Measure out from set **19 3/4"**, and in from Upright **12"**, and dig a hole approximately **14" deep** for Coil Climber assembly to sit in (as shown in Top View of Set).
2. Locate one Coil Climber Extension **(N371)** and thread Extension onto Coil Climber (as shown in Inset A).
   ***NOTE: Only one Coil Climber Extension will be used.**
3. Insert assembled Coil Climber onto Fire Pole Top **(N381)** and secure to Fire Pole Top using #10 Hardware **(H226)** (as shown in Inset B).
4. Lift assembled assembled Coil Climber up against Top Joist **(6312)**, center in opening (as shown in Inset B).
5. Attach Coil Climber assembly to Top Joist **(6312)** using 3/8" Hardware **(H3) (H116)**.
6. Ensure Coil Climber is plumb and fill hole around Coil Climber with concrete.

TOP VIEW OF SET



INSET B



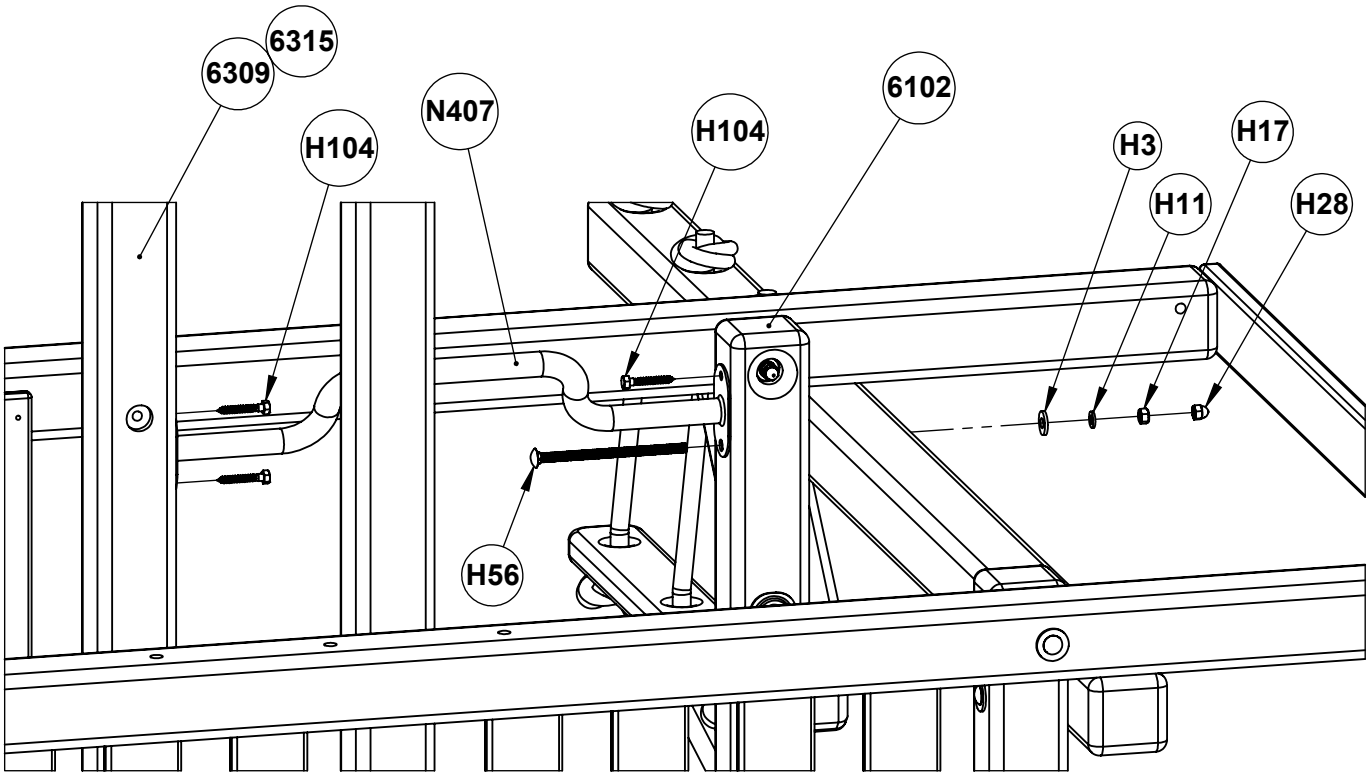


INSET A

Step 89

Grab-N-Go Bar Installation

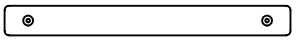
1. Remove Corner Post Hardware **(H56) (H28) (H17) (H11) (H4) (H3)** in location where Grab-N-Go Bar is to be mounted.
2. Place Grab-N-Go **(N407)** in opening, orientated as shown, with larger hole towards deck.
3. Replace 3/8" Hardware **(H56) (H28) (H17) (H11) (H3)** for Corner Post **(6102)**.
   ***NOTE: 1/2" Hardware (H4) will not be reused.**
4. Ensure that Grab-N-Go is level and attach to Corner Post **(6102)** and Center Post **(6309) (6315)** using 5/16" Hardware **(H104)**.
   ***NOTE: Make sure there are no gaps larger than 3 1/2" between Grab-N-Go Bar and Top Joist (6312) after installation.**



62"/64"/66" DH Monkey Bar Parts List

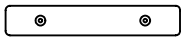
F/N#	DESCRIPTION	DIMENSION	QTY	FOUND IN
H3	Standard Nut	3/8"	4	5-46-0971
H7	Acorn Nut	3/8"	4	5-46-0971
H13	Fender Washer	3/8" x 1 1/4"	4	5-46-0971
H74	Carriage Bolt	3/8" x 6 1/2"	4	5-46-0971
H104	Lag Bolt	5/16" x 2"	4	5-46-0971
H116	Lag Bolt	3/8" x 3 1/2"	8	5-46-0971
H119	Lag Bolt	3/8" x 5"	6	5-46-0971
H124	Hex Head Bolt	3/8" x 9"	1	5-46-0971
H155	Lock Washer	3/8"	4	5-46-0971
H164	Flat Washer	3/8"	19	5-46-0971
H166	Flat Washer	1/2"	4	5-46-0971
H188	Phillips Wood Screw	#8 x 3 1/2"	24	5-46-0971
H216	Phillips Pan Head Self Drilling Screw	#8 x 1 1/2"	22	5-46-0971

6147



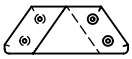
1 @ 4 x 4 x 32 3/4" MONKEY BAR GROUND RUNNER (3-06-0147)

6342



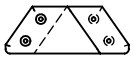
2 @ 4 x 4 x 20" MONKEY BAR SUPPORT BLOCK (3-06-0342)

7024



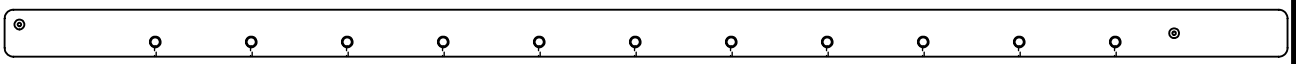
1 @ 4 x 6 x 14 1/8" RIGHT MONKEY BAR BRACKET (3-07-0024)

7025



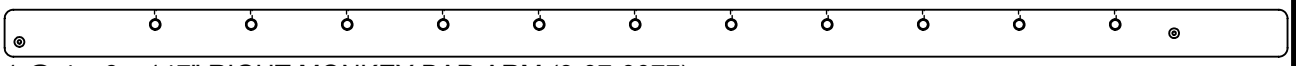
1 @ 4 x 6 x 14 1/8" LEFT MONKEY BAR BRACKET (3-07-0025)

7076



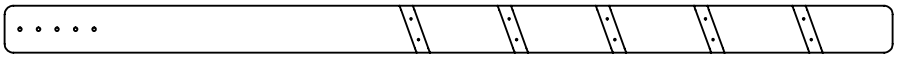
1 @ 4 x 6 x 147" LEFT MONKEY BAR ARM (3-07-0076)

7077



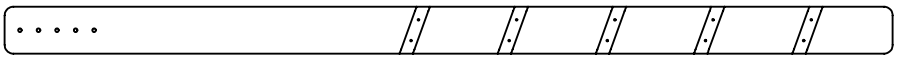
1 @ 4 x 6 x 147" RIGHT MONKEY BAR ARM (3-07-0077)

7053



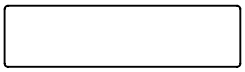
1 @ 4 x 6 x 101 3/4" LEFT MB SUPPORT LEG (3-07-0053)

7054



1 @ 4 x 6 x 101 3/4" RIGHT MB SUPPORT LEG (3-07-0054)

4007

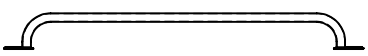


5 @ 2 x 8 x 27" LADDER STEP (3-14-0007)

N3

11 @ 21" PIPE (5-31-0073)

N412



2 @ LADDER HANDLE (5-33-0127)

Step 90

Ninja Grip Installation

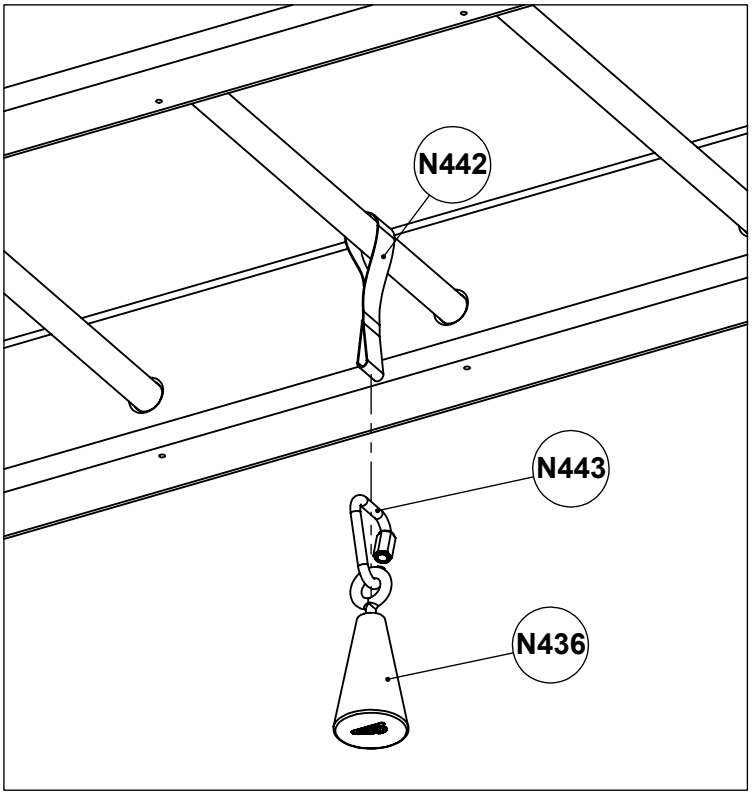
***NOTE: Ninja Grips can be installed on either the Monkey Bar Rungs or Ductile Swing Hangers.**
***NOTE: Installation processes will be the same for all Ninja Grips.**

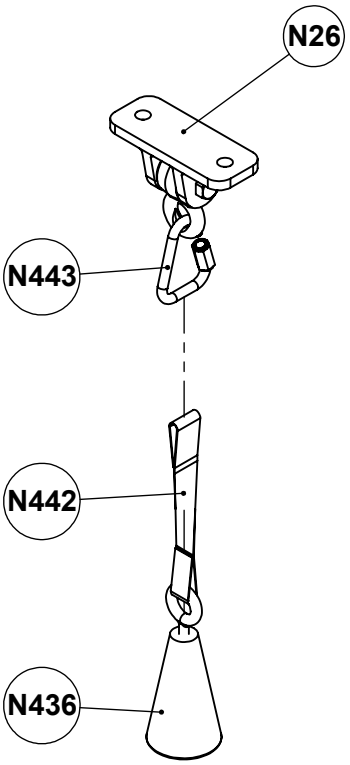
For Monkey Bar Rung Installation:

1. Loop one end of Ninja Strap **(N442)** around Monkey Bar Rung, and through loop on other end of Strap.
2. Attach Ninja Grip **(N436)** to open loop of Ninja Strap **(N442)** using Triangle Link **(N443)**.
3. Use a wrench to securely close Triangle Link **(N443)**.

For Ductile Swing Hanger Installation:

1. Loop one end of Ninja Strap **(N442)** through eyebolt on Ninja Grip **(N436)**, and through loop on other end of Strap.
2. Attach Ninja Strap **(N442)** to Ductile Swing Hanger **(N26)** using Triangle Link **(N443**).
3. Use a wrench to securely close Triangle Link **(N443)**.





Rainbow Exclusive Lifetime Warranty

Rainbow Play Systems, Inc. warrants to the original purchaser that their Rainbow® Play System will be free from defects in material and workmanship for the following time periods:

LIFETIME WARRANTY Rainbow guarantees all Cedar lumber components against structural failure for the lifetime of the unit. Seasonal checking, surface cracks, knot holes and knots are natural characteristics of Cedar lumber and are not covered under our warranty.

LIFETIME WARRANTY Rainbow guarantees all scoop slides, tube slides, crawl tunnels, crow's nests, panel mounts, commercial swing hangers, the Rainbow® plaque, 360° tire swivels, structural hardware, Plastisol coated plates, Plastisol coated brackets, Plastisol coated rungs, Trapeze/Triangles and Plastisol coated handles for the lifetime of the unit. Cosmetic cracks and color fading of our plastic components are not covered under our warranty. Surface rust on structural hardware and metal components is not covered under this warranty.

FIVE YEAR WARRANTY Rainbow guarantees all tarps, ship's wheel, rope disc, binoculars, telescope, periscope, megaphone, bubble window, chalkboard, flag dowels, gliders, buoy balls, tic-tac-toe panel, driving panel, talk tube, ship anchor, ship shelf, ship lock, wave slide, tire swing, swing seat, commercial full bucket swing, half bucket swing, flat swing, rock wall rocks, punching bag, solar lights, and swinging tent will be covered by our five year warranty. Cosmetic cracks and color fading of our plastic components are not covered under our warranty.

FIVE YEAR WARRANTY Rainbow guarantees chain ladder, chain, powder coated chin-up bar, fireman's pole, bell, powder coated rungs, powder coated handles, powder coated brackets, powder coated plates, and powder coated corkscrew climber will be covered by our five year warranty. Surface rust on structural hardware and metal components is not covered under this warranty.

ONE YEAR WARRANTY Ropes and Flags are covered by our one year warranty.

Rainbow's Exclusive Lifetime Warranty, Five Year Warranty, and One Year Warranty is non-transferable.

This warranty is nullified if a residential unit is utilized in a commercial playground setting, a commercial environment or any commercial playground application. Rainbow Play Village Commercial Playground Equipment are covered under this warranty in commercial playground applications.

Rainbow can nullify this warranty if the unit has been subjected to vandalism, negligent or improper installation, failure to properly maintain the unit with periodic staining of wood and tightening of hardware, unit being subjected to an irrigation system, unauthorized alteration, improper use, or Acts of God.

Your sales receipt will be needed to make a warranty claim. Rainbow will ask you for photos for your warranty claim. Warranty claims will be repaired or replaced as determined by Rainbow. Shipping and labor costs are not covered under this warranty.

TO THE MAXIMUM EXTENT PERMITTED BY LAW:
NO OTHER WARRANTY, EXPRESSED OR IMPLIED CAN REPLACE THIS WARRANTY. THIS WARRANTY IS DIRECTLY FROM RAINBOW PLAY SYSTEMS, INC. TO THE ORIGINAL PURCHASER. NO OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR USE, EXPRESSED OR IMPLIED CAN REPLACE THIS WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS. RAINBOW DOES NOT AUTHORIZE ANY PERSON OR ENTITY TO OFFER ANY OTHER WARRANTIES FOR RAINBOW.

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