



**PLAY SYSTEMS, INC.®**  
FINE RESIDENTIAL PLAY EQUIPMENT

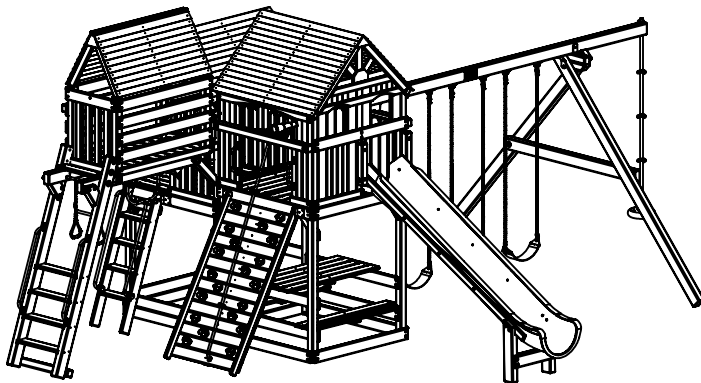
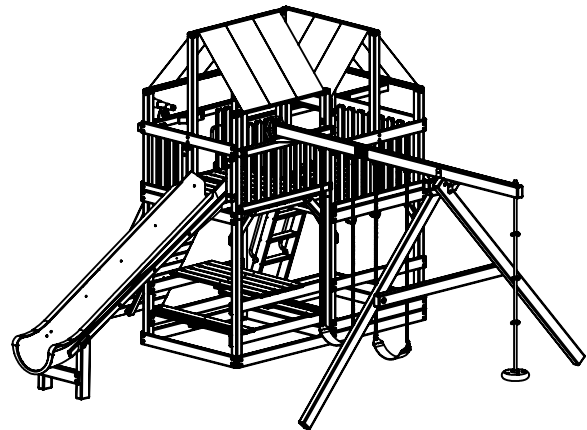
## **Turbo Carnival Clubhouse**

Assembly Instructions

5-70-0418

(Rev 0 - 1/13/16)

**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.**

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# ***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 Turbo Carnival Clubhouse 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.***

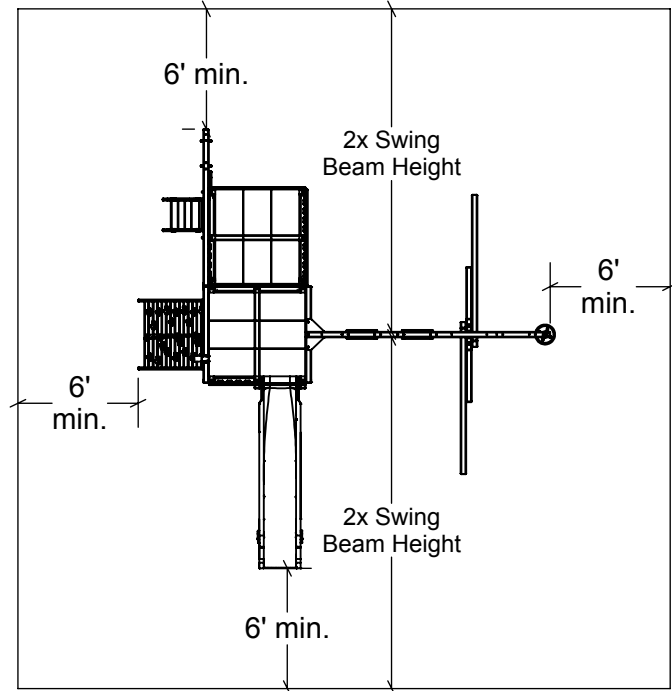
1. **IT IS RECOMMENDED** that no more than 12-14 children, not exceeding a combined weight of 1,750 pounds, play on the system at one time. This product is recommended for children 3 to 12 years of age.
2. **CLOSE ADULT SUPERVISION** is required for children of all ages.
3. **WARN CHILDREN TO AVOID** 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 Double Wall 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.

| <u>Set Dimensions</u>   | <u>Play Zone</u> |
|-------------------------|------------------|
| L 20.5' x W 22' x H 12' | L 32.5' x W 35'  |



## 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](http://www.cpsc.gov) or by contacting the CPSC Publications Office in Washington D.C. 20207.

The URL is <http://www.cpsc.gov/cpsc/pub/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.

| 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.       |

| 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:

- 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.
- 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.
- Oil all** metallic moving parts and grease Tire Swivel monthly during the usage period.
- Check** all moving parts including swing seats, ropes, and chains for wear, rust, or other deterioration and replace as needed.
- 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.
- Check** the S-Hooks on the chains to ensure the gap is less than .040 inches. Tighten/close as necessary.
- 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.
- 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.
- 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.
- 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.
- Check** all wood members for deterioration and splinters. Spot sand any areas that are checking or splintering. If parts are deteriorating, replace as needed.

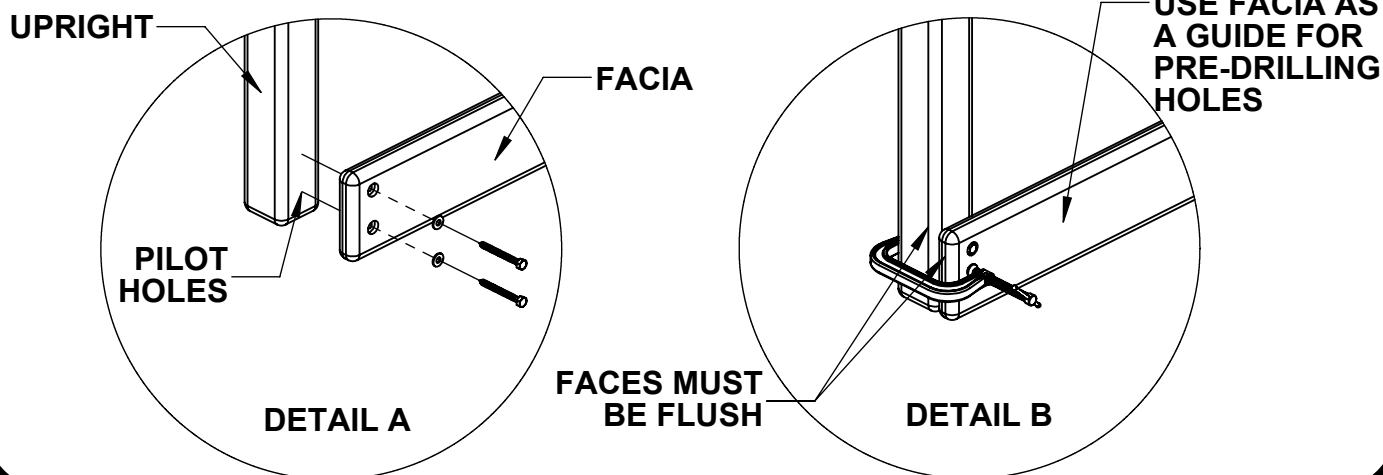
## Helpful Installation Hints

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 fascia 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 unlevelled 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.

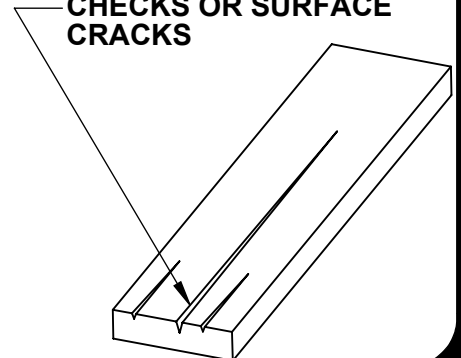
Question: What accessories may be added or what modifications can be made to my Rainbow boxed kit set?

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?

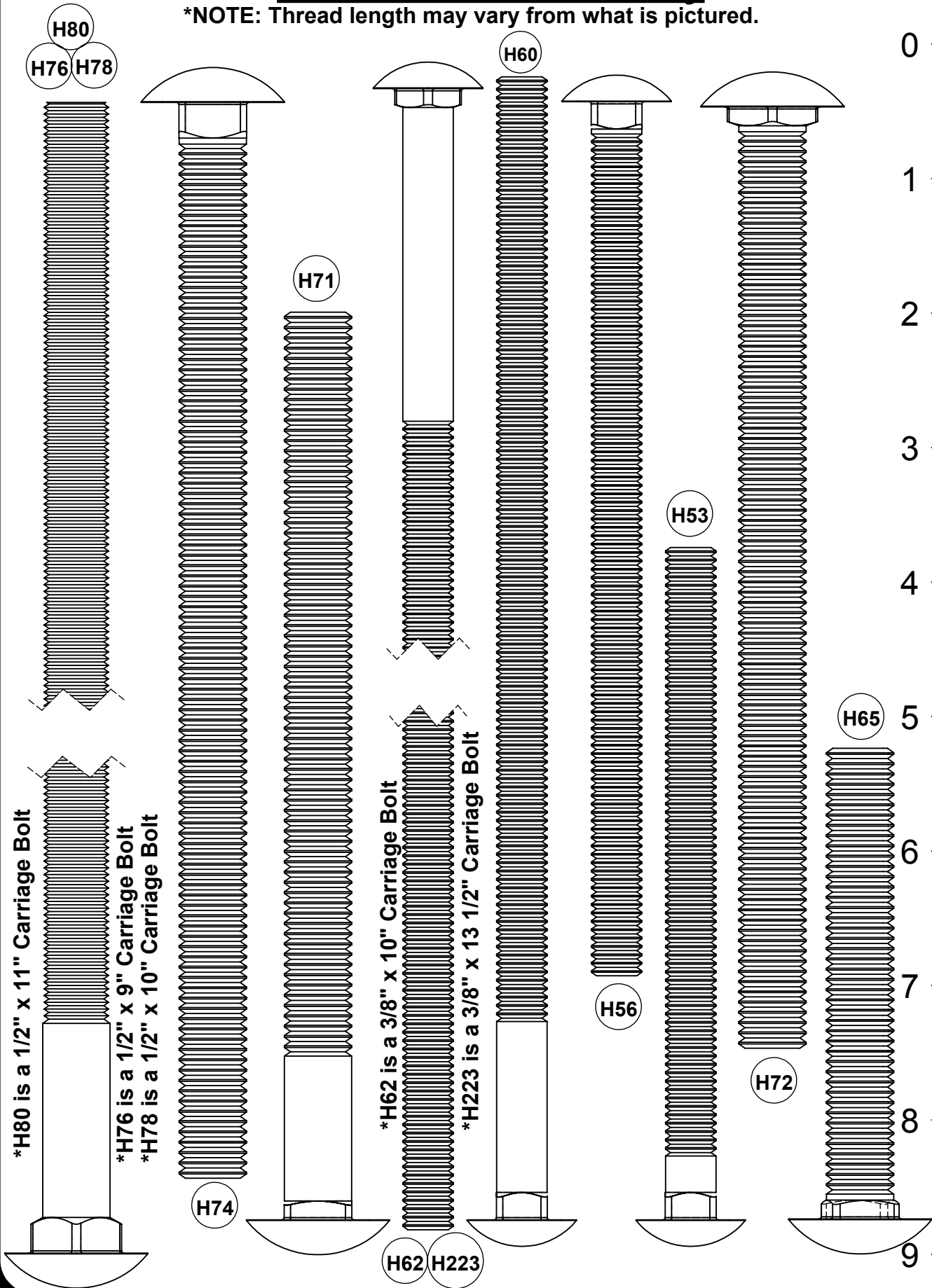
Answer: All play items on Rainbow boxed kit sets are designed for children ages 3 to 12, but it is the end users responsibility to determine suitability of use by their children for each play item.

**EXAMPLE OF SEASONAL CHECKS OR SURFACE CRACKS**



# Hardware For Assembly

\*NOTE: Thread length may vary from what is pictured.





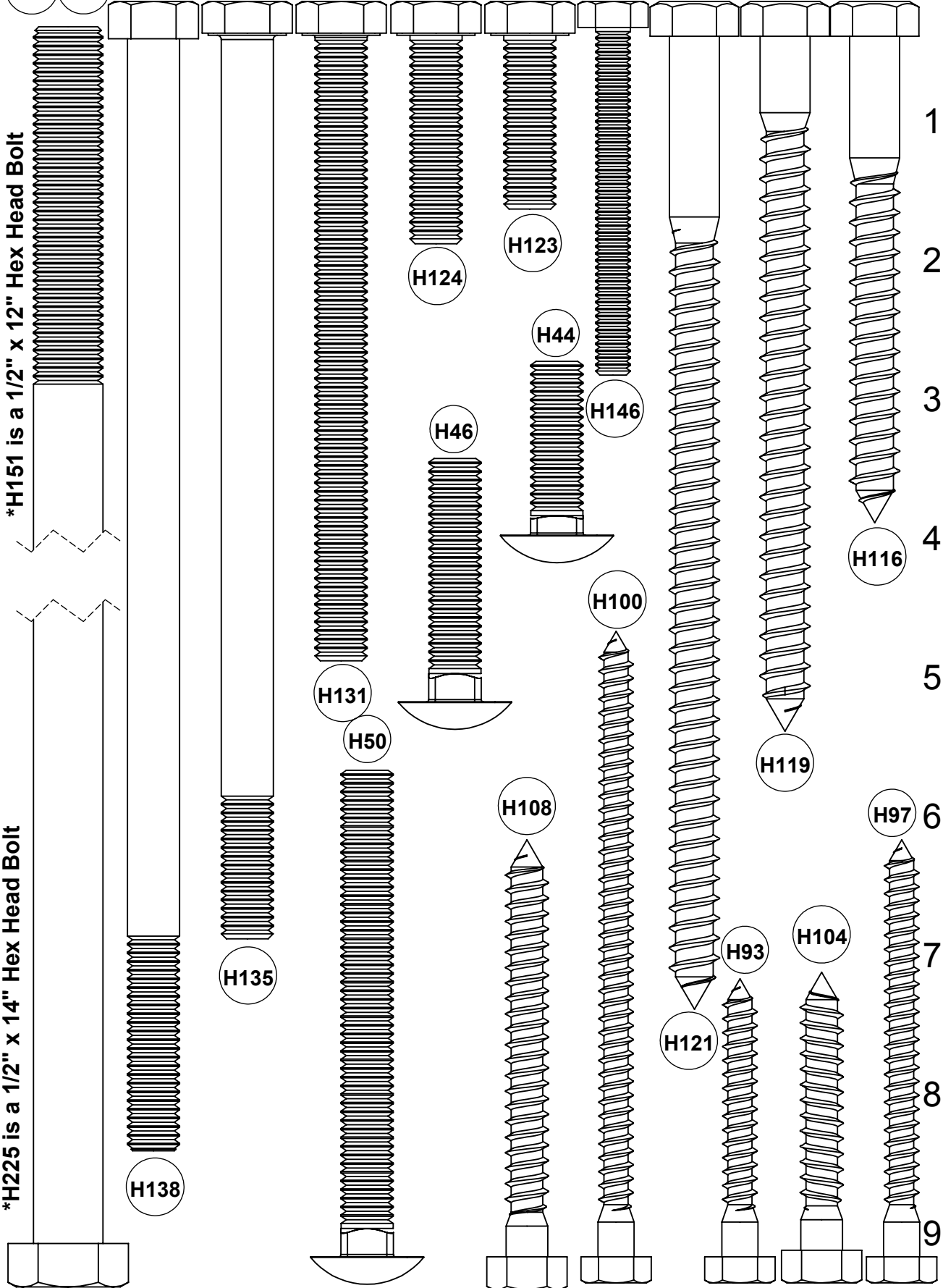
# Hardware For Assembly

\*NOTE: Thread length may vary from what is pictured.

H225 H151

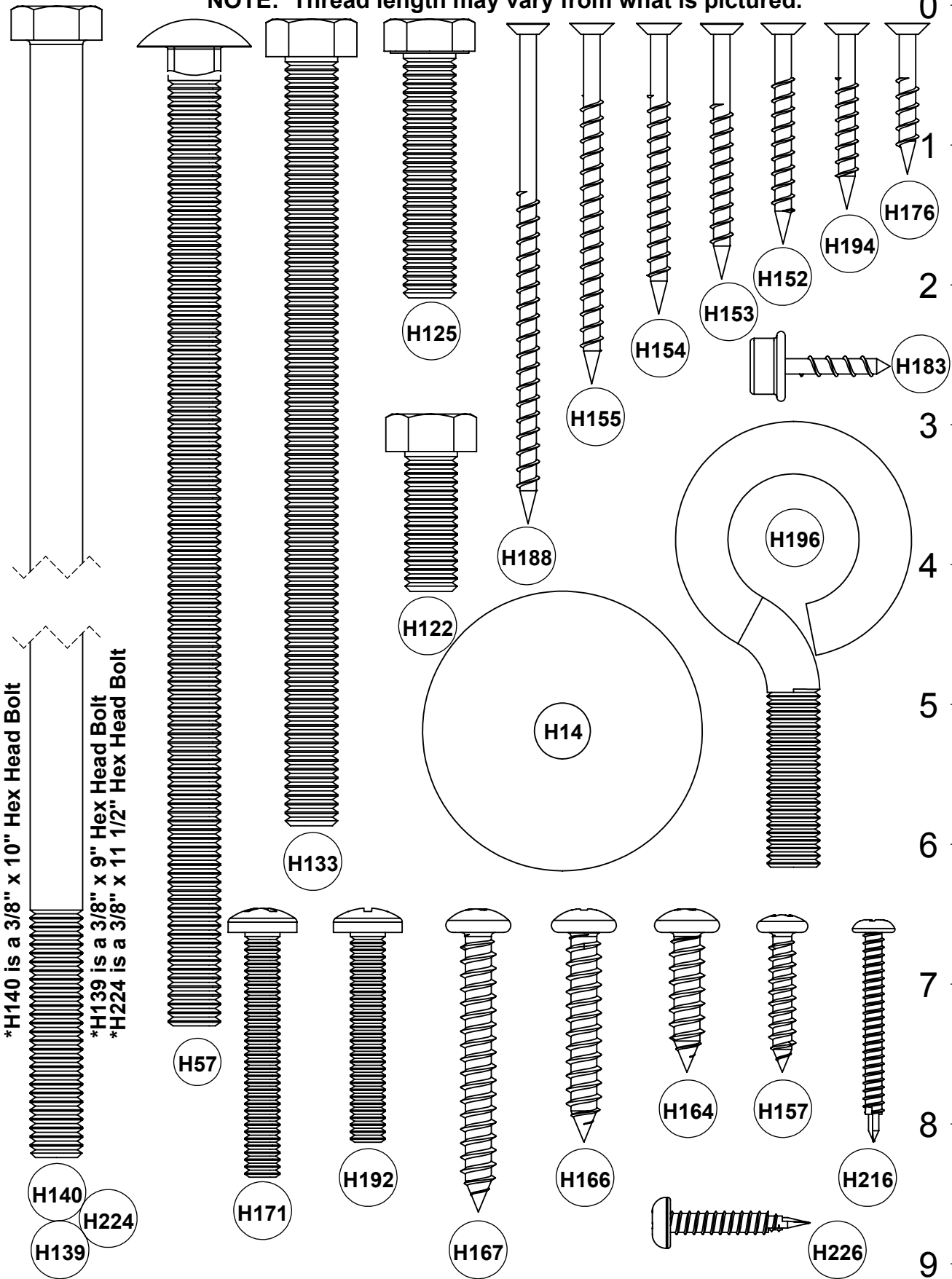
\*H151 is a 1/2" x 12" Hex Head Bolt

\*H225 is a 1/2" x 14" Hex Head Bolt



# Hardware for Assembly

\*NOTE: Thread length may vary from what is pictured.

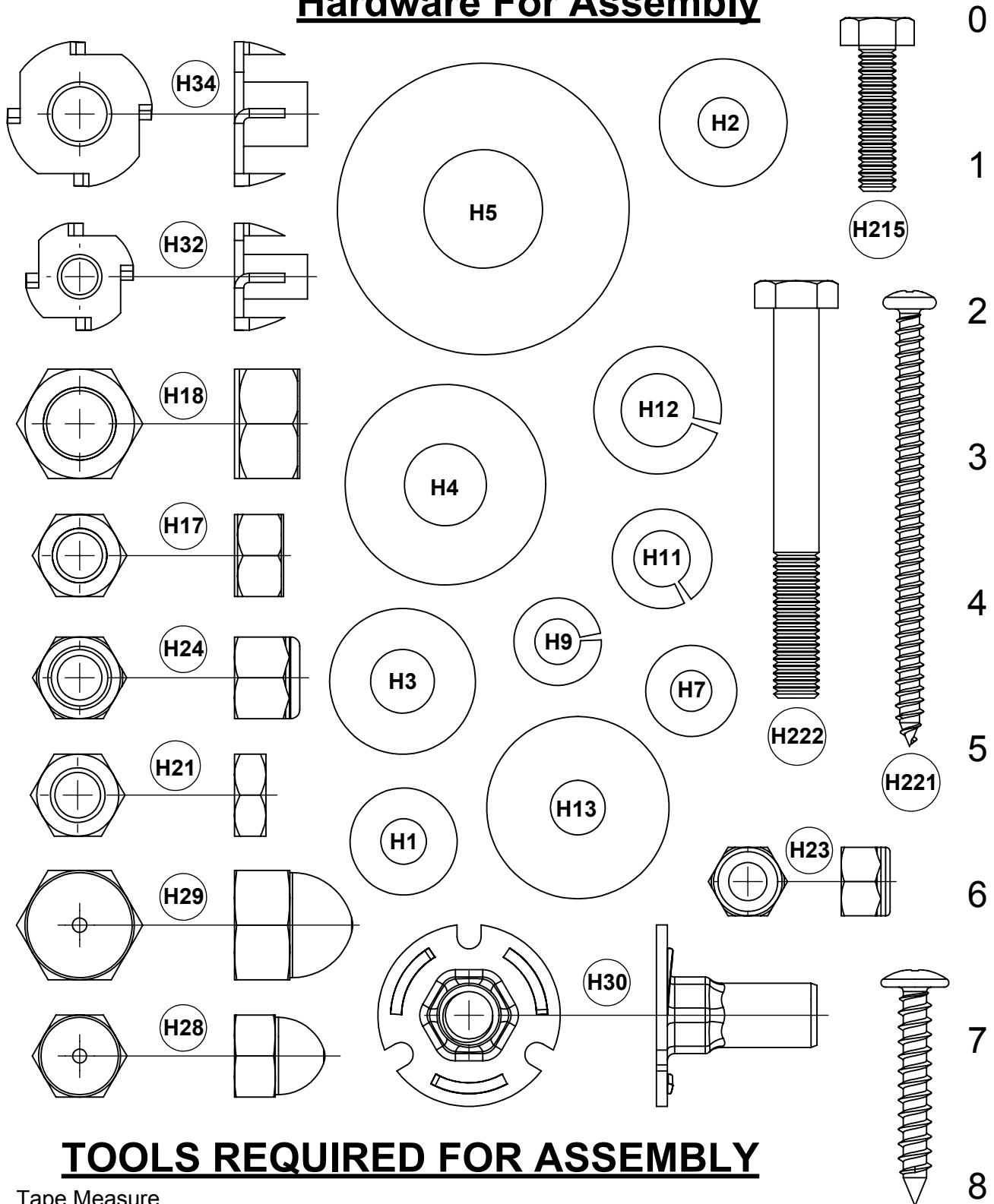


\*H140 is a 3/8" x 10" Hex Head Bolt

\*H139 is a 3/8" x 9" Hex Head Bolt

\*H224 is a 3/8" x 11 1/2" Hex Head Bolt

# Hardware For Assembly



## 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

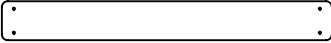
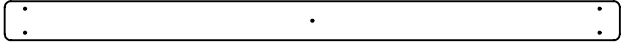
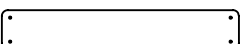
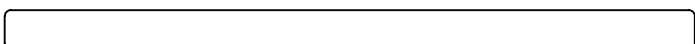
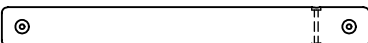
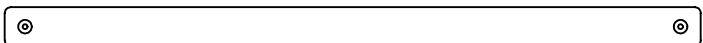
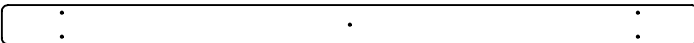
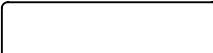
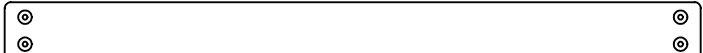
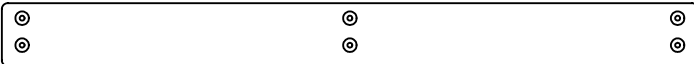
7/16" Deep Well Socket  
 1/2" Deep Well Socket  
 9/16" Deep Well Socket  
 9/16" Box Wrench  
 8' Step Ladder  
 Safety Glasses  
 Adult Helper

## Carnival Clubhouse Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>          | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u>     |
|-------------|-----------------------------|------------------|------------|---------------------|
| H1          | Flat Washer                 | 1/4"             | 8          | 5-46-0857           |
| H3          | Flat Washer                 | 3/8"             | 60/4       | 5-46-0857/5-46-0411 |
| H4          | Flat Washer                 | 1/2"             | 8          | 5-46-0857           |
| H5          | Flat Washer                 | 3/4"             | 8          | 5-46-0857           |
| H11         | Lock Washer                 | 3/8"             | 10/4       | 5-46-0857/5-46-0411 |
| H12         | Lock Washer                 | 1/2"             | 8          | 5-46-0857           |
| H18         | Standard Nut                | 1/2"             | 8          | 5-46-0857           |
| H24         | Nylock Nut                  | 3/8"             | 4          | 5-46-0411           |
| H28         | Acorn Nut                   | 3/8"             | 4          | 5-46-0411           |
| H29         | Acorn Nut                   | 1/2"             | 8          | 5-46-0857           |
| H34         | 4 Prong T-Nut               | 3/8"             | 10         | 5-46-0857           |
| H71         | Carriage Bolt               | 1/2" x 6 3/4"    | 8          | 5-46-0857           |
| H93         | Lag Bolt                    | 1/4" x 2"        | 6          | 5-46-0857           |
| H97         | Lag Bolt                    | 1/4" x 3"        | 6          | 5-46-0857           |
| H100        | Lag Bolt                    | 1/4" x 4 1/2"    | 2          | 5-46-0857           |
| H116        | Lag Bolt                    | 3/8" x 3 1/2"    | 52         | 5-46-0857           |
| H119        | Lag Bolt                    | 3/8" x 5"        | 2          | 5-46-0857           |
| H124        | Hex Head Bolt               | 3/8" x 1 1/2"    | 2          | 5-46-0857           |
| H131        | Hex Head Bolt               | 3/8" x 4 1/2"    | 8/4        | 5-46-0857/5-46-0411 |
| H155        | Phillips Wood Screw         | #8 x 2 1/2"      | 176        | 5-46-0857           |
| H157        | Phillips Pan Head Tap Screw | #10 x 1"         | 8          | 5-46-0857           |
| H164        | Phillips Pan Head Tap Screw | #14 x 1"         | 22/4       | 5-46-0857/5-46-0446 |
| H167        | Phillips Pan Head Tap Screw | #14 x 2"         | 4          | 5-46-0857           |

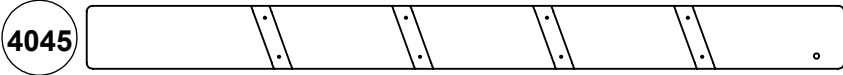
**\*NOTE: EXTRA HARDWARE IS INCLUDED IN THE BAGS.  
NOT ALL HARDWARE WILL BE USED TO COMPLETE THE INSTALLATION.**

## Carnival Clubhouse Parts List

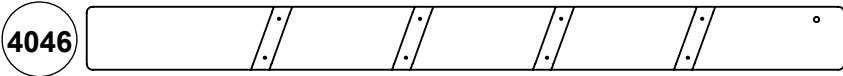
- 3137**  :  
 24 @ 2 x 4 x 27 1/2" RAIL UPRIGHT (3-03-0137)
- 3140**  :  
 2 @ 2 x 4 x 51 1/4" SHORT DECK BOARD (3-03-0140)
- 3136**  :  
 1 @ 2 x 4 x 19 3/4" LADDER ENTRAPMENT BOARD (3-03-0136)
- 3141**  :  
 1 @ 2 x 4 x 57 1/2" DECK RUNNER (3-03-0141)
- 3139**  :  
 2 @ 2 x 4 x 30 5/8" CORNER FACIA (3-03-0139)
- 3143**  :  
 2 @ 2 x 4 x 58" 2 HOLE FACIA (3-03-0143)
- 3144**  :  
 1 @ 2 x 4 x 58" DECK BOARD (3-03-0144)
- 4017**  :  
 4 @ 2 x 6 x 18" LADDER STEP (3-04-0017)
- 4050**  :  
 7 @ 2 x 6 x 58" 4 HOLE FACIA (3-04-0050)
- 4051**  :  
 2 @ 2 x 6 x 58" 6 HOLE FACIA (3-04-0051)



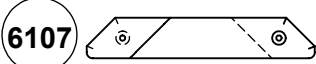
**4052**  
9 @ 2 x 6 x 58" DECK BOARD (3-04-0052)



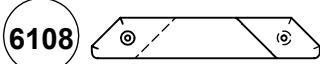
**4045**  
1 @ 2 x 6 x 63 1/8" LEFT LADDER LEG (3-04-0045)



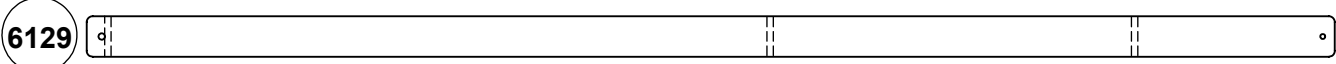
**4046**  
1 @ 2 x 6 x 63 1/8" RIGHT LADDER LEG (3-04-0046)



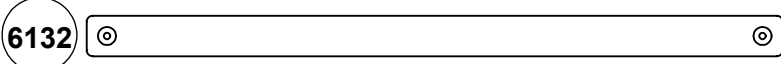
**6107**  
2 @ 4 x 4 x 19" RIGHT SLIM BRACKET (3-06-0107)



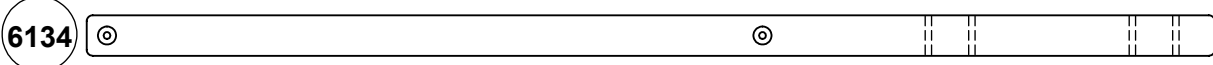
**6108**  
3 @ 4 x 4 x 19" LEFT SLIM BRACKET (3-06-0108)



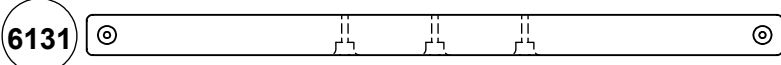
**6129**  
4 @ 4 x 4 x 104" CORNER UPRIGHT w/TJ HOLES (3-06-0129)



**6132**  
2 @ 4 x 4 x 58" MAIN BEAM (3-06-0132)

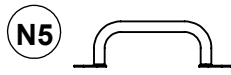


**6134**  
1 @ 4 x 4 x 94" ACCESSORY ARM (3-06-0134)

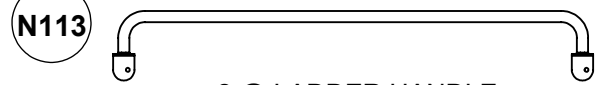


**6131**  
1 @ 4 x 4 x 58" TOP JOIST w/ SWING HOLES (3-06-0131)

## Carnival Clubhouse Non-Wood Parts List



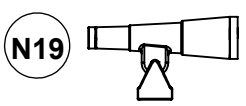
**N5**  
2 @ SAFETY HANDLE (5-33-0102)



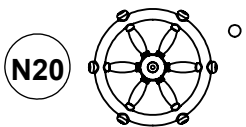
**N113**  
2 @ LADDER HANDLE (5-33-0070)



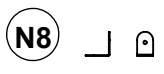
**N27**  
2 @ SPRING CLIP (5-47-0023)



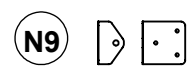
**N19**  
1 @ TELESCOPE (5-41-0020)



**N20**  
1 @ SHIP'S WHEEL (5-41-0021)



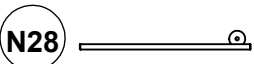
**N8**  
2 @ SMALL 90° BRACKET (5-35-0089)



**N9**  
2 @ 90° BRACKET (5-35-0090)



**N83**  
1 @ RAINBOW PLAQUE (5-42-0028)



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



**N26**  
2 @ SWING HANGER (5-45-0012)



**N29**  
4 @ 3/8" BOLT CUP (5-47-0043)

# Turbo Carnival Clubhouse Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>              | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u>     |
|-------------|---------------------------------|------------------|------------|---------------------|
| H1          | Flat Washer                     | 1/4"             | 8          | 5-46-0879           |
| H3          | Flat Washer                     | 3/8"             | 55         | 5-46-0879           |
| H4          | Flat Washer                     | 1/2"             | 10         | 5-46-0879           |
| H5          | Flat Washer                     | 3/4"             | 10         | 5-46-0879           |
| H7          | SAE Flat Washer                 | 1/4"             | 40         | 5-46-0690           |
| H11         | Lock Washer                     | 3/8"             | 10         | 5-46-0879           |
| H12         | Lock Washer                     | 1/2"             | 10         | 5-46-0879           |
| H18         | Standard Nut                    | 1/2"             | 10         | 5-46-0879           |
| H29         | Acorn Nut                       | 1/2"             | 10         | 5-46-0879           |
| H32         | 4 Prong T-Nut                   | 1/4"             | 4/20       | 5-46-0879/5-46-0690 |
| H34         | 4 Prong T-Nut                   | 3/8"             | 12         | 5-46-0879           |
| H71         | Carriage Bolt                   | 1/2" x 6 3/4"    | 6          | 5-46-0879           |
| H74         | Carriage Bolt                   | 1/2" x 8"        | 2          | 5-46-0879           |
| H78         | Carriage Bolt                   | 1/2" x 10"       | 2          | 5-46-0879           |
| H97         | Lag Bolt                        | 1/4" x 3"        | 6          | 5-46-0879           |
| H100        | Lag Bolt                        | 1/4" x 4 1/2"    | 2          | 5-46-0879           |
| H116        | Lag Bolt                        | 3/8" x 3 1/2"    | 42         | 5-46-0879           |
| H119        | Lag Bolt                        | 3/8" x 5"        | 5          | 5-46-0879           |
| H122        | Hex Head Bolt                   | 3/8" x 1"        | 2          | 5-46-0879           |
| H124        | Hex Head Bolt                   | 3/8" x 1 1/2"    | 2          | 5-46-0879           |
| H131        | Hex Head Bolt                   | 3/8" x 4 1/2"    | 4          | 5-46-0879           |
| H138        | Hex Head Bolt                   | 3/8" x 8"        | 2          | 5-46-0879           |
| H155        | Phillips Wood Screw             | #8 x 2 1/2"      | 183        | 5-46-0879           |
| H164        | Phillips Pan Head Tap Screw     | #14 x 1"         | 10         | 5-46-0879           |
| H166        | Phillips Pan Head Tap Screw     | #14 x 1 1/2"     | 20         | 5-46-0690           |
| H192        | Phillips Pan Head Machine Screw | 1/4" x 1 1/2"    | 4          | 5-46-0879           |
| H171        | Phillips Pan Head Machine Screw | 1/4" x 1 3/4"    | 20         | 5-46-0690           |

**\*NOTE: EXTRA HARDWARE IS INCLUDED IN THE BAGS.  
NOT ALL HARDWARE WILL BE USED TO COMPLETE THE INSTALLATION.**

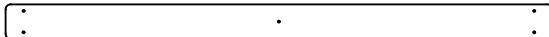
## Turbo Carnival Clubhouse Parts List

**3138**



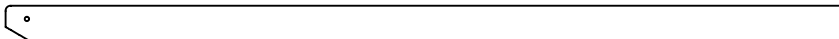
2 @ 2 x 4 x 27 1/2" RAIL UPRIGHT w/HANDLE HOLES (3-03-0138)

**3140**



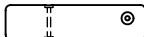
3 @ 2 x 4 x 51 1/4" SHORT DECK BOARD (3-03-0140)

**3201**



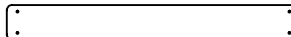
2 @ 2 x 4 x 78 3/4" ROCK WALL LEG (3-03-0201)

**3135**



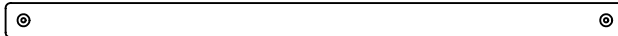
2 @ 2 x 4 x 13 1/8" CORNER FACIA (3-03-0135)

**3137**



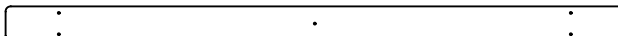
10 @ 2 x 4 x 27 1/2" RAIL UPRIGHT (3-03-0137)

**3143**



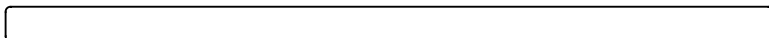
2 @ 2 x 4 x 58" 2 HOLE FACIA (3-03-0143)

**3144**



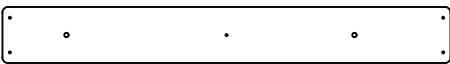
1 @ 2 x 4 x 58" DECK BOARD (3-03-0144)

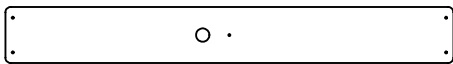
**3202**



1 @ 2 x 4 x 72" ROCK WALL RUNNER (3-03-0202)

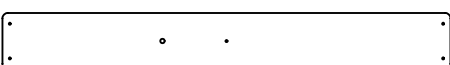
**3203**   
1 @ 2 x 4 x 60 7/8" DECK RUNNER (3-03-0203)

**4047**   
7 @ 2 x 6 x 42" 2 HOLE ROCK WALL BOARD (3-04-0047)

**4049**   
1 @ 2 x 6 x 42" ROCK WALL BOARD w/ROPE HOLE (3-04-0049)

**4050**   
7 @ 2 x 6 x 58" 4 HOLE FACIA (3-04-0050)

**4051**   
1 @ 2 x 6 x 58" 6 HOLE FACIA (3-04-0051)

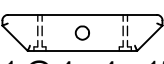
**4048**   
6 @ 2 x 6 x 42" 1 HOLE ROCK WALL BOARD (3-04-0048)

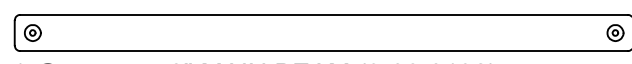
**4052**   
9 @ 2 x 6 x 58" DECK BOARD (3-04-0052)

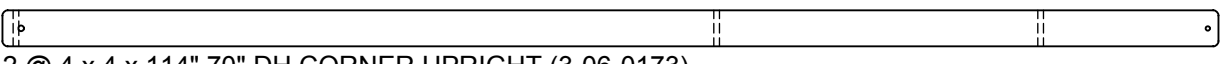
**4053**   
1 @ 2 x 6 x 58" RW MOUNTING FACIA (3-04-0053)

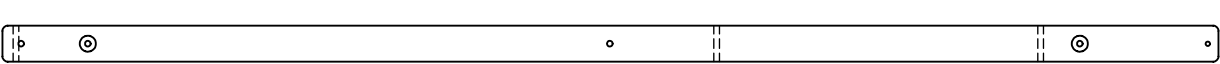
**6107**   
3 @ 4 x 4 x 19" RIGHT SLIM BRACKET (3-06-0107)

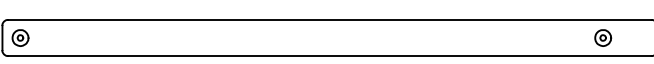
**6108**   
2 @ 4 x 4 x 19" LEFT SLIM BRACKET (3-06-0108)

**6130**   
1 @ 4 x 4 x 15" ROPE BLOCK (3-06-0130)

**6132**   
1 @ 4 x 4 x 58" MAIN BEAM (3-06-0132)


**6173**   
2 @ 4 x 4 x 114" 70" DH CORNER UPRIGHT (3-06-0173)


**6174**   
2 @ 4 x 4 x 114" 70" DH CORNER UPRIGHT (3-06-0174)


**6175**   
2 @ 4 x 4 x 61 3/8" MAIN BEAM (3-06-0175)

## Turbo Carnival Clubhouse Non-Wood Parts List

**N5**   
2 @ SAFETY HANDLE (5-33-0102)

**N156**   
20 @ ROCKS (5-42-0068) (5-42-0069)

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

**N9**   
2 @ 90° BRACKET (5-35-0090)

**N64** **\*NOT SHOWN:**  
1 @ 15' ROPE (5-20-0253)

# Carnival Clubhouse Tarp Option Parts List



**3142**  
3 @ 2 x 4 x 58" TARP BOARD (3-03-0142)



**6133**  
2 @ 4 x 4 x 74 5/8" CENTER POST (3-06-0133)

**\*NOT SHOWN:**  
**N326** 1 @ CARNIVAL CLUBHOUSE TARP  
(5-22-0265) (5-22-0266)

## Carnival Clubhouse Wood Roof Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>  | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------|------------------|------------|-----------------|
| H3          | Flat Washer         | 3/8"             | 4          | 5-46-0855       |
| H11         | Lock Washer         | 3/8"             | 4          | 5-46-0855       |
| H34         | 4 Prong T-Nut       | 3/8"             | 4          | 5-46-0855       |
| H131        | Hex Head Bolt       | 3/8" x 4 1/2"    | 4          | 5-46-0855       |
| H154        | Phillips Wood Screw | #8 x 2"          | 4          | 5-46-0855       |
| H152        | Phillips Wood Screw | #8 x 1 1/2"      | 102        | 5-46-0855       |
| H194        | Phillips Wood Screw | #8 x 1 1/4"      | 12         | 5-46-0855       |

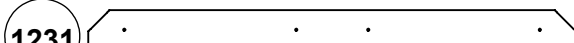
## Carnival Clubhouse Wood Roof Parts List



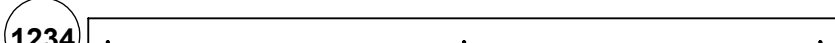
**1228**  
2 @ 1 x 4 x 17" FAN VERTICAL (3-01-0228)



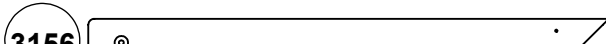
**1229**  
4 @ 1 x 4 x 11 3/4" FAN RAY (3-01-0229)



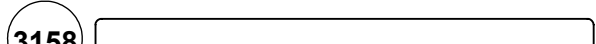
**1231**  
2 @ 1 x 4 x 40 5/8" FAN HORIZONTAL (3-01-0231)



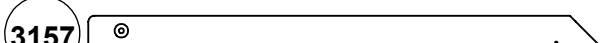
**1234**  
30 @ 1 x 4 x 62 5/8" ROOF BOARD (3-01-0234)



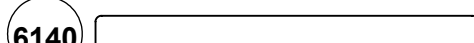
**3156**  
2 @ 2 x 4 x 43 3/8" LEFT ROOF SUPPORT  
(3-03-0156)



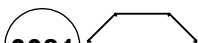
**3158**  
2 @ 2 x 4 x 41 1/2" ROOF RUNNER  
(3-03-0158)



**3157**  
2 @ 2 x 4 x 43 3/8" RIGHT ROOF SUPPORT  
(3-03-0157)



**6140**  
2 @ 4 x 4 x 31 7/8" SHORT CENTER  
POST (3-06-0140)



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



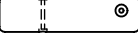
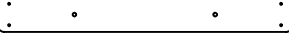
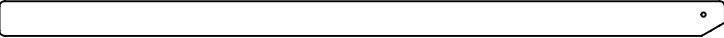
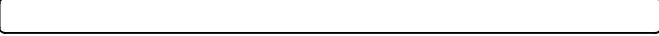
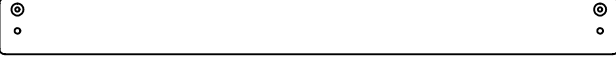
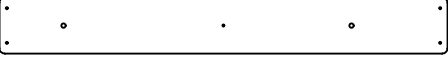
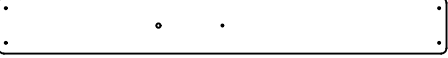
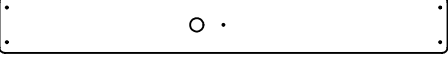
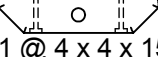
**0080**  
2 @ 5/4 x 6 x 9 1/2" PEAK FACIA  
(3-10-0080)



## 60" DH Carnival Clubhouse Rock Wall Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>              | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u>     |
|-------------|---------------------------------|------------------|------------|---------------------|
| H1          | Flat Washer                     | 1/4"             | 2          | 5-46-0858           |
| H3          | Flat Washer                     | 3/8"             | 4          | 5-46-0858           |
| H7          | SAE Flat Washer                 | 1/4"             | 32         | 5-46-0690           |
| H11         | Lock Washer                     | 3/8"             | 2          | 5-46-0858           |
| H32         | 4 Prong T-Nut                   | 1/4"             | 4/16       | 5-46-0858/5-46-0690 |
| H34         | 4 Prong T-Nut                   | 3/8"             | 2          | 5-46-0858           |
| H74         | Carriage Bolt                   | 1/2" x 8"        | 2          | 5-46-0858           |
| H100        | Lag Bolt                        | 1/4" x 4 1/2"    | 2          | 5-46-0858           |
| H116        | Lag Bolt                        | 3/8" x 3 1/2"    | 2          | 5-46-0858           |
| H119        | Lag Bolt                        | 3/8" x 5"        | 2          | 5-46-0858           |
| H124        | Hex Head Bolt                   | 3/8" x 1 1/2"    | 2          | 5-46-0858           |
| H155        | Phillips Wood Screw             | #8 x 2 1/2"      | 60         | 5-46-0858           |
| H164        | Phillips Pan Head Tap Screw     | #14 x 1"         | 6          | 5-46-0858           |
| H166        | Phillips Pan Head Tap Screw     | #14 x 1 1/2"     | 16         | 5-46-0690           |
| H171        | Phillips Pan Head Machine Screw | 1/4" x 1 3/4"    | 16         | 5-46-0690           |
| H192        | Phillips Pan Head Machine Screw | 1/4" x 1 1/2"    | 4          | 5-46-0858           |

## 60" DH Carnival Clubhouse Rock Wall Parts List

- 3135**  2 @ 2 x 4 x 13 1/8" CORNER FACIA (3-03-0135)
- 3138**  2 @ 2 x 4 x 27 1/2" RAIL UPRIGHT w/HANDLE HOLES (3-03-0138)
- 3145**  2 @ 2 x 4 x 68" ROCK WALL LEG (3-03-0145)
- 3148**  1 @ 2 x 4 x 62" ROCK WALL RUNNER (3-03-0148)
- 4053**  1 @ 2 x 6 x 58" RW MOUNTING FACIA (3-04-0053)
- 4047**  5 @ 2 x 6 x 42" 2 HOLE ROCK WALL BOARD (3-04-0047)
- 4048**  6 @ 2 x 6 x 42" 1 HOLE ROCK WALL BOARD (3-04-0048)
- 4049**  1 @ 2 x 6 x 42" ROCK WALL BOARD w/ROPE HOLE (3-04-0049)
- 6130**  1 @ 4 x 4 x 15" ROPE BLOCK (3-06-0130)

## 60" DH Carnival Clubhouse Rock Wall Non-Wood Parts List

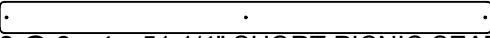
- N156**  16 @ ROCKS (5-42-0068) (5-42-0069)
- N5**  2 @ SAFTEY HANDLE (5-33-0102)
- N9**  2 @ 90° BRACKET (5-35-0090)


**\*NOT SHOWN:**  
**N60** 1 @ 13 1/2' ROPE (5-20-0297)

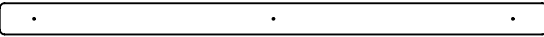
## Carnival Clubhouse Picnic Table Hardware List

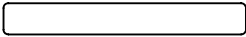
| F/N# | DESCRIPTION         | DIMENSION     | QTY | FOUND IN  |
|------|---------------------|---------------|-----|-----------|
| H3   | Flat Washer         | 3/8"          | 12  | 5-46-0860 |
| H116 | Lag Bolt            | 3/8" x 3 1/2" | 12  | 5-46-0860 |
| H155 | Phillips Wood Screw | #8 x 2 1/2"   | 47  | 5-46-0860 |


## Carnival Clubhouse Picnic Table Parts List

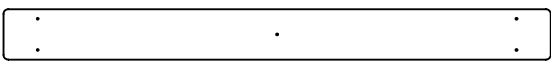
**3133**   
 2 @ 2 x 4 x 51 1/4" SHORT PICNIC SEAT BOARD  
 (3-03-0133)

**3146**   
 2 @ 2 x 4 x 10 3/4" SEAT RUNNER  
 (3-03-0146)

**3134**   
 2 @ 2 x 4 x 57" PICNIC SEAT BOARD  
 (3-03-0134)

**3147**   
 1 @ 2 x 4 x 25 1/4" TABLE RUNNER  
 (3-03-0147)

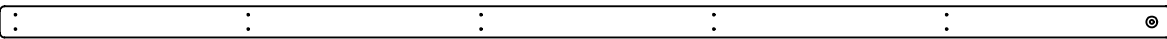
**4050**   
 3 @ 2 x 6 x 58" 4 HOLE FACIA (3-04-0050)

**4054**   
 7 @ 2 x 6 x 57" PICNIC TABLE BOARD  
 (3-04-0054)

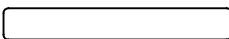
## 60" DH Box Kit Ramp Hardware List

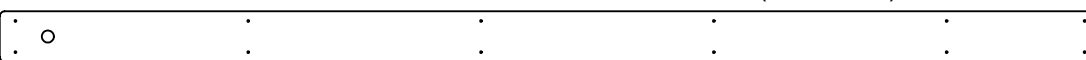
| F/N# | DESCRIPTION                 | DIMENSION     | QTY | FOUND IN  |
|------|-----------------------------|---------------|-----|-----------|
| H3   | Flat Washer                 | 3/8"          | 5   | 5-46-0877 |
| H4   | Flat Washer                 | 1/2"          | 2   | 5-46-0877 |
| H11  | Lock Washer                 | 3/8"          | 2   | 5-46-0877 |
| H17  | Standard Nut                | 3/8"          | 2   | 5-46-0877 |
| H28  | Acorn Nut                   | 3/8"          | 2   | 5-46-0877 |
| H52  | Carriage Bolt               | 3/8" x 4 1/2" | 2   | 5-46-0877 |
| H116 | Lag Bolt                    | 3/8" x 3 1/2" | 2   | 5-46-0877 |
| H119 | Lag Bolt                    | 3/8" x 5"     | 3   | 5-46-0877 |
| H155 | Phillips Wood Screw         | #8 x 2 1/2"   | 70  | 5-46-0877 |
| H164 | Phillips Pan Head Tap Screw | #14 x 1"      | 2   | 5-46-0877 |
| N59  | 17' Rope                    |               | 2   | 5-21-0976 |

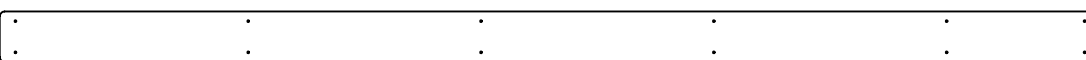
## 60" DH Box Kit Ramp Parts List

**3404**   
 2 @ 2 x 4 x 122" RAMP RAIL (1-03-1404)

**3154**   
 5 @ 2 x 4 x 21" RAMP CLEAT (1-03-1154)

**3155**   
 1 @ 2 x 4 x 23 3/4" FILLER BOARD  
 (1-03-1155)

**4027**   
 2 @ 2 x 6 x 114" RAMP BOARD W/HOLE (1-04-1027)

**4029**   
 2 @ 2 x 6 x 114" RAMP BOARD (1-04-1029)

**6005**   
 1 @ 4 x 4 x 23 5/8" RAMP ROPE BLOCK (1-06-1005)

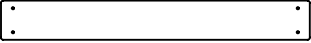
## 60" DH Box Kit Ramp Upright Parts List

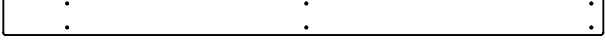
**6004**   
 1 @ 4 x 4 x 30" BOX KIT RAMP UPRIGHT (1-06-1004)


# Carnival Clubhouse Lower Level Playhouse Hardware List

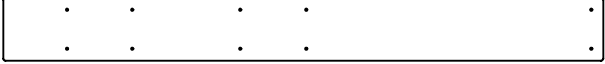
| <u>F/N#</u> | <u>DESCRIPTION</u>  | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------|------------------|------------|-----------------|
| H3          | Flat Washer         | 3/8"             | 26         | 5-46-0861       |
| H74         | Carriage Bolt       | 1/2" x 8"        | 4          | 5-46-0861       |
| H116        | Lag Bolt            | 3/8" x 3 1/2"    | 26         | 5-46-0861       |
| H152        | Phillips Wood Screw | #8 x 1 1/2"      | 282        | 5-46-0861       |
| H155        | Phillips Wood Screw | #8 x 2 1/2"      | 76         | 5-46-0861       |
| H194        | Phillips Wood Screw | #8 x 1 1/4"      | 48         | 5-46-0861       |

## Carnival Clubhouse Lower Level Playhouse Parts List


**1246**   
24 @ 1 x 4 x 25 3/4" PLAYHOUSE  
UPRIGHT (3-01-0246)

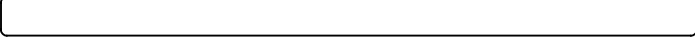
**1247**   
3 @ 1 x 4 x 50" PLAYHOUSE UPRIGHT (3-01-0247)

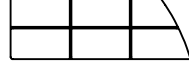
**1248**   
24 @ 1 x 4 x 7" PLAYHOUSE  
UPRIGHT (3-01-0248)

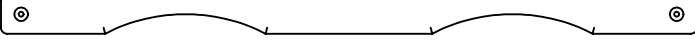
**2053**   
12 @ 1 x 6 x 50" PLAYHOUSE UPRIGHT (3-02-0053)

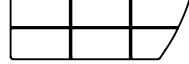
**3143**   
6 @ 2 x 4 x 58" 2 HOLE FACIA (3-03-0143)

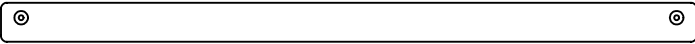
**6170**   
4 @ 4 x 4 x 16 1/2" FLOWER BOX  
(3-06-0170)


**3197**   
1 @ 2 x 4 x 58" FLOOR RUNNER (3-03-0197)

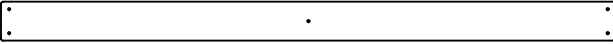
**0090**   
6 @ 5/4 x 6 x 15" LEFT SHUTTER  
(3-10-0090)

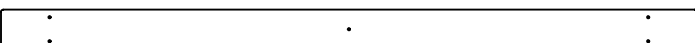
**3198**   
3 @ 2 x 4 x 58" ARCHED PLAYHOUSE FACIA (3-03-0198)


**0091**   
6 @ 5/4 x 6 x 15" RIGHT SHUTTER  
(3-10-0091)

**3199**   
2 @ 2 x 4 x 58" FLOOR SUPPORT (3-03-0199)

**4053**   
1 @ 2 x 6 x 58" RW MOUNTING FACIA (3-04-0053)

**9181**   
2 @ 5/4 x 4 x 51 1/4" SHORT FLOOR BOARD (3-09-0181)

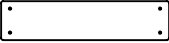
**9182**   
1 @ 5/4 x 4 x 58" FLOOR BOARD (3-09-0182)

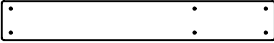

**0092**   
9 @ 5/4 x 6 x 58" FLOOR BOARD (3-10-0092)



# Carnival Clubhouse Upper Level Cabin Package Hardware List



| <u>F/N#</u> | <u>DESCRIPTION</u>  | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------|------------------|------------|-----------------|
| H3          | Flat Washer         | 3/8"             | 4          | 5-46-0862       |
| H116        | Lag Bolt            | 3/8" x 3 1/2"    | 4          | 5-46-0862       |
| H152        | Phillips Wood Screw | #8 x 1 1/2"      | 156        | 5-46-0862       |
| H155        | Phillips Wood Screw | #8 x 2 1/2"      | 64         | 5-46-0862       |
| H122        | Hex Head Bolt       | 3/8" x 1"        | 2          | 5-46-0862       |
| H11         | Lock Washer         | 3/8"             | 2          | 5-46-0862       |
| H34         | 4 Prong T-Nut       | 3/8"             | 2          | 5-46-0862       |


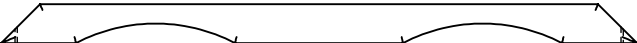
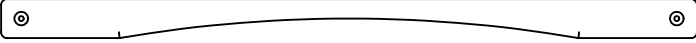
## Carnival Clubhouse Upper Level Cabin Package Parts List

- 1243**   
8 @ 1 x 4 x 14" CABIN UPRIGHT (3-01-0243)

**1244**   
2 @ 1 x 4 x 22 3/4" CABIN UPRIGHT (3-01-0244)
- 1245**   
16 @ 1 x 4 x 7 1/2" CABIN UPRIGHT (3-01-0245)

**2051**   
4 @ 1 x 6 x 23 5/8" CABIN UPRIGHT (3-02-0051)
- 2052**   
4 @ 1 x 6 x 24 3/4" ANGLED CABIN UPRIGHT (3-02-0052)

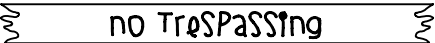
**4073**   
12 @ 2 x 6 x 27 1/2" RAIL UPRIGHT (3-04-0073)
- 3186**   
2 @ 2 x 4 x 39 1/2" ANGLED CABIN FACIA (3-03-0186)

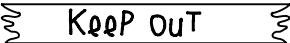

**3137**   
2 @ 2 x 4 x 27 1/2" RAIL UPRIGHT (3-03-0137)
- 3187**   
2 @ 2 x 4 x 53" ARCHED ANGLED CABIN FACIA (3-03-0187)
- 3188**   
2 @ 2 x 4 x 58" ARCHED CABIN FACIA (3-03-0188)

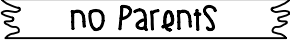
## Wacky Sign Boards Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>  | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------|------------------|------------|-----------------|
| 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)

# Carnival Clubhouse Sandbox Add-On Hardware List

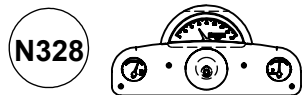
| <u>F/N#</u> | <u>DESCRIPTION</u> | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|--------------------|------------------|------------|-----------------|
| H3          | Flat Washer        | 3/8"             | 16         | 5-46-0011       |
| H116        | Lag Bolt           | 3/8" x 3 1/2"    | 16         | 5-46-0011       |



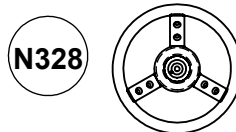
4 @ 2 x 6 x 58" 4 HOLE FACIA (1-04-0920)

## Driving Panel Parts List

| <u>F/N#</u> | <u>DESCRIPTION</u>          | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|-----------------------------|------------------|------------|-----------------|
| 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       |



1 @ DRIVING PANEL  
(5-41-0049)



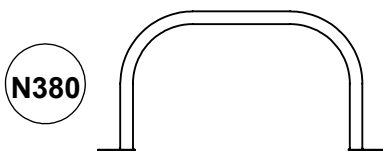
1 @ STEERING WHEEL  
(5-41-0049)



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

## Chin Up Bar Hardware List

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



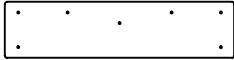
1 @ CHIN-UP BAR (5-33-0122)

## Box Kit Chalkboard Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>  | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------|------------------|------------|-----------------|
| 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       |

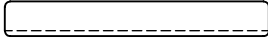
## Box Kit Chalkboard Parts List

2174



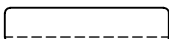
2 @ 1 x 6 x 21 1/2" CHALKBOARD RUNNER  
(1-02-0174)

3160



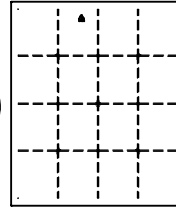
2 @ 2 x 4 x 24 3/4" CHALKBOARD SIDE (1-03-1160)

3161



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

N181



1 @ RAINBOW CHALKBOARD (5-41-0019)

## Box Kit Tic Tac Toe Hardware List

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

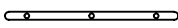
## Box Kit Tic Tac Toe Parts List

4963



2 @ 2 x 6 x 23 1/2" TTT TOP/BOTTOM (1-04-0963)

N173



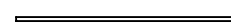
2 @ TTT SPACER (5-41-0048C)

N172



9 @ TIC TAC TOE CYLINDER (5-41-0048A)

N174



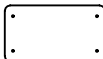
3 @ TIC TAC TOE ROD (5-41-0048D)

## Box Kit Bubble Window Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>  | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------|------------------|------------|-----------------|
| H154        | Phillips Wood Screw | #8 x 2"          | 24         | 5-46-0828       |
| H153        | Phillips Wood Screw | #8 x 1 3/4"      | 4          | 5-46-0828       |

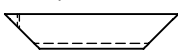
## Box Kit Bubble Window Parts List

4962



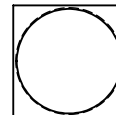
4 @ 2 x 6 x 9 3/8" BUBBLE WINDOW UPRIGHT  
(1-04-0962)

3214



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

N168



1 @ SMALL BUBBLE PANEL (5-42-0062)

## Double Wall Wave Slide Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>          | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|-----------------------------|------------------|------------|-----------------|
| H7          | SAE Flat Washer             | 1/4"             | 4          | 5-46-0446       |
| H164        | Phillips Pan Head Tap Screw | #14 x 1"         | 4          | 5-46-0446       |


**\*NOT SHOWN:**

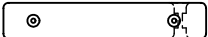
**(N24)** 1 @ DOUBLE WALL WAVE SLIDE  
5-44-0139,5-44-0140


## 10' Scoop Slide Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>  | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u>     |
|-------------|---------------------|------------------|------------|---------------------|
| H3          | Flat Washer         | 3/8"             | 22         | 5-46-0784           |
| H4          | Flat Washer         | 1/2"             | 8          | 5-46-0784           |
| H11         | Lock Washer         | 3/8"             | 14/4       | 5-46-0784/5-46-0874 |
| 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           |
| H34         | 4 Prong T-Nut       | 3/8"             | 4          | 5-46-0874           |
| H46         | Carriage Bolt       | 3/8" x 1 3/4"    | 8          | 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          | 5-46-0874           |
| H121        | Lag Bolt            | 3/8" x 7"        | 4          | 5-46-0784           |
| H131        | Hex Head Bolt       | 3/8" x 4 1/2"    | 4          | 5-46-0874           |
| H154        | Phillips Wood Screw | #8 x 2"          | 8          | 5-46-0874           |


## 10' Scoop Slide Parts List

**(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)

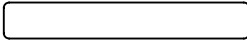
**\*NOT SHOWN:**

**(N43)** 1 @ 10' SCOOP SLIDE  
5-44-0263,5-44-0264

## 10' Roto Wave Slide (for 70" DH) Parts List

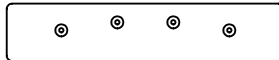
| <u>F/N#</u> | <u>DESCRIPTION</u>        | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------------|------------------|------------|-----------------|
| H3          | Flat Washer               | 3/8"             | 4          | 5-46-0239       |
| H13         | Fender Washer             | 3/8"             | 4          | 5-46-0695       |
| H104        | Lag Bolt                  | 5/16" x 2"       | 4          | 5-46-0695       |
| H119        | Lag Bolt                  | 3/8" x 5"        | 4          | 5-46-0239       |
| H174        | Phillips Truss Head Screw | #12 x 1 1/2"     | 2          | 5-46-0577       |

**6895**



1 @ 4 x 4 x 23" ROTO WAVE SLIDE BLOCK (1-06-0895)

**7678**



1 @ 4 x 6 x 26" DOUBLE WALL WAVE SLIDE BLOCK (1-07-0678)

**\*NOT SHOWN:**

**N177**

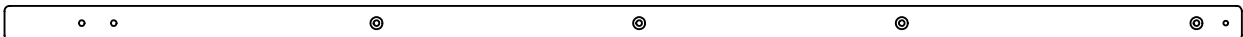
1 @ 10' Roto Wave Slide  
(5-44-0029)

## 11' Scoop Slide Parts List

| <u>F/N#</u> | <u>DESCRIPTION</u>        | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------------|------------------|------------|-----------------|
| 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       |
| 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          | 5-46-0874       |
| 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)

**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)

**6952**



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

**\*NOT SHOWN:**

**N87**


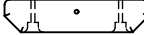
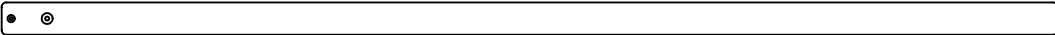

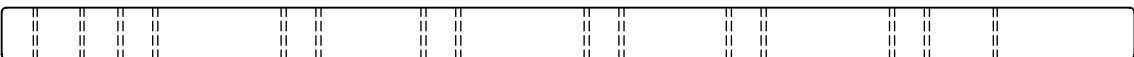




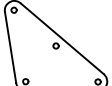



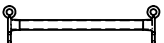





1 @ 11' SCOOP SLIDE  
(5-44-0265) (5-44-0266)



# 60" Deck Height Swing Beam Hardware List

| F/N# | DESCRIPTION                 | DIMENSION      | QTY   | FOUND IN            |
|------|-----------------------------|----------------|-------|---------------------|
| H1   | Flat Washer                 | 1/4"           | 4     | 5-46-0770           |
| H3   | Flat Washer                 | 3/8"           | 11/12 | 5-46-0770/5-46-0410 |
| H4   | Flat Washer                 | 1/2"           | 7     | 5-46-0770           |
| H11  | Lock Washer                 | 3/8"           | 8/12  | 5-46-0770/5-46-0410 |
| H17  | Standard Nut                | 3/8"           | 8     | 5-46-0770           |
| H24  | Nylock Nut                  | 3/8"           | 12    | 5-46-0410           |
| H28  | Acorn Nut                   | 3/8"           | 8/12  | 5-46-0770/5-46-0410 |
| H50  | Carriage Bolt               | 3/8" x 3 1/2"  | 2     | 5-46-0770           |
| H56  | Carriage Bolt               | 3/8" x 6 1/2"  | 4     | 5-46-0770           |
| H60  | Carriage Bolt               | 3/8" x 8 1/2"  | 1     | 5-46-0770           |
| H100 | Lag Bolt                    | 1/4" x 4 1/2"  | 4     | 5-46-0770           |
| H108 | Lag Bolt                    | 5/16" x 3"     | 2     | 5-46-0770           |
| H116 | Lag Bolt                    | 3/8" x 3 1/2"  | 2     | 5-46-0770           |
| H135 | Hex Head Bolt               | 3/8" x 6 1/2"  | 12    | 5-46-0410           |
| H140 | Hex Head Bolt               | 3/8" 10"       | 1     | 5-46-0770           |
| H224 | Hex Head Bolt               | 3/8" x 11 1/2" | 1     | 5-21-0972/5-21-0973 |
| H166 | Phillips Pan Head Tap Screw | #14 x 1 1/2"   | 4     | 5-46-0770           |

# 60" Deck Height Swing Beam Parts List

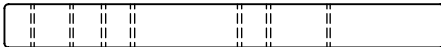
- 
**6991 6043** 1 @ 4 x 4 x 15" UPPER A-FRAME BRACKET (3-06-0043)
 
**6992 6044** 1 @ 4 x 4 x 15" LOWER A-FRAME BRACKET (3-06-0044)
- 6989 6136**  2 @ 4 x 4 x 110" A-FRAME LEG (3-06-0136)
- 6990 6137**  1 @ 4 x 4 x 66" A-FRAME CROSS MEMBER (3-06-0137)
- 7013**  1 @ 4 x 6 x 118" 3 POSITION SWING BEAM (3-07-0013)
- N170**  \*\*1 @ 45° BRACKET (5-35-0094)
 **N338**  2 @ 90° BRACKET (5-35-0100)
 **N327**  2 @ TRAP RING (5-40-0066)
 **N15**  2 @ SWING SEAT (5-40-0034)
 **N10**  1 @ SWING BEAM PLATE (5-35-0092)
- N323**  2 @ SHORT CHAIN (5-37-0042)
 **N350**  4 @ SWING CHAIN (5-37-0043)
- N26**  6 @ SWING HANGER (5-45-0012)
 **N18**  1 @ TRAP BAR (5-40-0063)
 **N73**  2 @ SMALL BOLT CUP (5-47-0035)
 **N29**  14 @ 3/8" Bolt Cup (5-47-0043)
- N31**  4 @ PEAR CLIP (5-47-0045)
 **N27**  6 @ SPRING CLIP (5-47-0023)
 **N30**  4 @ C-LINK (5-47-0044)

\*\*THERE WILL BE A QTY. OF 2 (5-35-0094) FOR THE 3 POSITION WITH DISK AND 4 POSITION SWING BEAMS.

# 60" Deck Height Swing Beams

\*NOTE: The Swing Beams shown below will be used in conjunction with the A-Frame Legs, A-Frame Blocks and non-wood parts shown on previous page.

7860



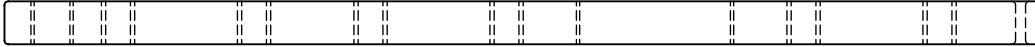
1 @ 4 x 6 x 55" 1 POSITION SWING BEAM (1-07-0860)

7849



1 @ 4 x 6 x 87" 2 POSITION SWING BEAM (1-07-0849)

7850



1 @ 4 x 6 x 130" 3 POSITION SWING BEAM (1-07-0850)

7851



1 @ 4 x 6 x 160" 4 POSITION SWING BEAM (1-07-0851)

## Deluxe Swing Beam Hardware List

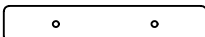
| F/N# | DESCRIPTION   | DIMENSION     | QTY | FOUND IN  |
|------|---------------|---------------|-----|-----------|
| H3   | Flat Washer   | 3/8"          | 5   | 5-46-0563 |
| H4   | Flat Washer   | 1/2"          | 12  | 5-46-0563 |
| H5   | Flat Washer   | 3/4"          | 10  | 5-46-0563 |
| H12  | 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 Head Bolt | 1/2" x 12"    | 1   | 5-46-0563 |

## Swing Hangers Hardware 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 |
| H24  | Nylock Nut  | 3/8"          | 4   | 5-46-0410 |
| H28  | Acorn Nut   | 3/8"          | 4   | 5-46-0410 |
| H135 | Hex Nut     | 3/8" x 6 1/2" | 4   | 5-46-0410 |

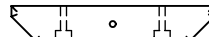
## Deluxe Swing Beam A-Frame Legs Parts List

6008



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

6007



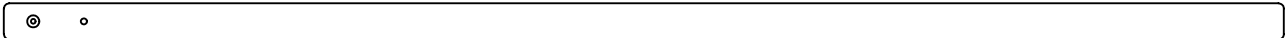
1 @ 4 x 4 x 19" LOWER A-FRAME BRACKET (1-06-0007)

6021



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

6010



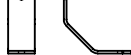
2 @ 4 x 4 x 120" A-FRAME LEG (1-06-0010)

N46



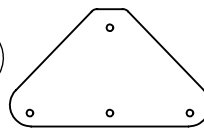
2 @ 90° BRACKET (5-35-0003)

N55



2 @ 45° BRACKET (5-35-0002)

N56



1 @ SWING BEAM PLATE (5-35-0000)

N29



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

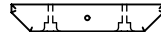
# Deluxe 70" DH Swing Beam A-Frame Legs Parts List

6008



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

6007



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

7145



1 @ 4 x 6 x 81" A-FRAME CROSS MEMBER (1-07-0145)

7129



2 @ 4 x 6 x 131" A-FRAME LEG (1-07-0129)

N46



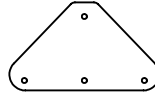
2 @ 90° BRACKET (5-35-0003)

N55



2 @ 45° BRACKET (5-35-0002)

N56



1 @ SWING BEAM PLATE (5-35-0000)

N29



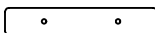
2 @ 3/8" BOLT CUP (5-47-0043)

## 70" DH A-Frame Adult Bench Hardware List

| F/N# | DESCRIPTION   | DIMENSION     | QTY | FOUND IN  |
|------|---------------|---------------|-----|-----------|
| H3   | Flat Washer   | 3/8"          | 4   | 5-46-0456 |
| H4   | Flat Washer   | 1/2"          | 4   | 5-46-0456 |
| H5   | Flat Washer   | 3/4"          | 4   | 5-46-0456 |
| H12  | Lock Washer   | 1/2"          | 4   | 5-46-0456 |
| H18  | Standard Nut  | 1/2"          | 4   | 5-46-0456 |
| H29  | Acorn Nut     | 1/2"          | 4   | 5-46-0456 |
| H68  | Carriage Bolt | 1/2" x 5"     | 2   | 5-46-0456 |
| H69  | Carriage Bolt | 1/2" x 5 1/2" | 2   | 5-46-0456 |
| H116 | Lag Bolt      | 3/8" x 3 1/2" | 10  | 5-46-0456 |
| H119 | Lag Bolt      | 3/8" x 5"     | 4   | 5-46-0456 |

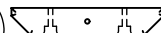
## 70" DH A-Frame Adult Bench Parts List

6008



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

6007



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

7129



1 @ 4 x 6 x 131" A-FRAME LEG (1-07-0129)

7651



1 @ 4 x 6 x 58" SEAT BACK (1-07-0651)

7654



1 @ 4 x 6 x 140" SEAT A-FRAME CROSS MEMBER (1-07-0654)

7816



1 @ 4 x 6 x 58" SEAT (1-07-0816)

N29



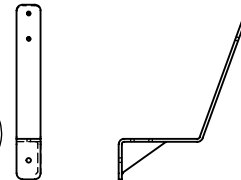
2/10 @ 3/8" BOLT CUP (5-47-0043)

N104



2 @ BENCH SUPPORT BRACKET (5-35-0083)

N103



2 @ BENCH BRACKET (5-35-0078)

N46



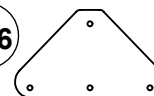
2 @ 90° BRACKET (5-35-0003)

N55



2 @ 45° BRACKET (5-35-0002)

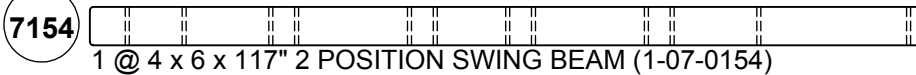
N56



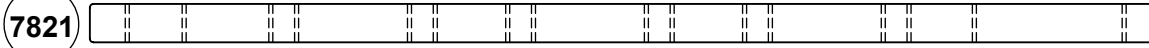
1 @ SWING BEAM PLATE (5-35-0000)

# Deluxe Swing Beams

**\*NOTE:** The Swing Beams shown below will be used in conjunction with the Deluxe A-Frame Legs, A-Frame Blocks and non-wood parts shown on previous page.



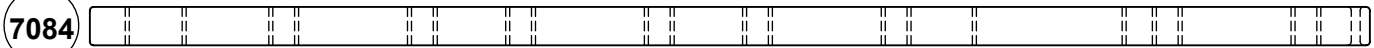
**7154**  
1 @ 4 x 6 x 117" 2 POSITION SWING BEAM (1-07-0154)



**7821**  
1 @ 4 x 6 x 150" 3 POSITION INSIDE SWING BEAM (1-07-0821)



**7085**  
1 @ 4 x 6 x 150" 3 POSITION SWING BEAM (1-07-0085)



**7084**  
1 @ 4 x 6 x 180" 4 POSITION SWING BEAM (1-07-0084)

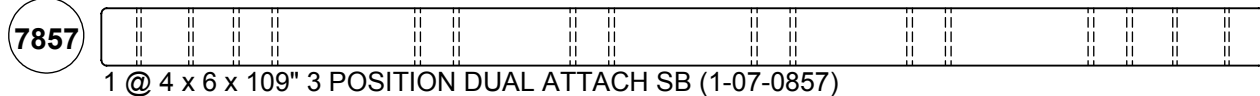
## Swing Hangers Hardware List (4x6) (Per Swing)

| 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 |
| H24  | Nylock Nut    | 3/8"          | 4   | 5-46-0410 |
| H28  | Acorn Nut     | 3/8"          | 4   | 5-46-0410 |
| H135 | Hex Head Bolt | 3/8" x 6 1/2" | 4   | 5-46-0410 |

## Dual Attach Swing Beam Hardware List

| F/N# | DESCRIPTION   | DIMENSION     | QTY | FOUND IN  |
|------|---------------|---------------|-----|-----------|
| H3   | Flat Washer   | 3/8"          | 8   | 5-46-0875 |
| H4   | Flat Washer   | 1/2"          | 6   | 5-46-0875 |
| H11  | Lock Washer   | 3/8"          | 8   | 5-46-0875 |
| H12  | Lock Washer   | 1/2"          | 1   | 5-46-0875 |
| H17  | Standard Nut  | 3/8"          | 8   | 5-46-0875 |
| H18  | Standard Nut  | 1/2"          | 1   | 5-46-0875 |
| H28  | Acorn Nut     | 3/8"          | 8   | 5-46-0875 |
| H29  | Acorn Nut     | 1/2"          | 1   | 5-46-0875 |
| H50  | Carriage Bolt | 3/8" x 3 1/2" | 4   | 5-46-0875 |
| H53  | Carriage Bolt | 3/8" x 5"     | 2   | 5-46-0875 |
| H56  | Carriage Bolt | 3/8" x 6 1/2" | 2   | 5-46-0875 |
| H60  | Carriage Bolt | 3/8" x 8 1/2" | 2   | 5-46-0875 |
| H62  | Carriage Bolt | 3/8" x 10"    | 1   | 5-46-0875 |
| H116 | Lag Bolt      | 3/8" x 3 1/2" | 4   | 5-46-0875 |
| H121 | Lag Bolt      | 3/8" x 7"     | 2   | 5-46-0875 |
| H225 | Hex Head Bolt | 1/2" x 14"    | 1   | 5-46-0875 |

## Dual Attach Swing Beam Parts List



**7857**  
1 @ 4 x 6 x 109" 3 POSITION DUAL ATTACH SB (1-07-0857)



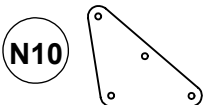
**7856**  
1 @ 4 x 6 x 77" 2 POSITION DUAL ATTACH SB (1-07-0856)



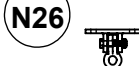
**7855**  
1 @ 4 x 6 x 14 1/2" RISER BLOCK  
(1-07-0855)



**3402**  
1 @ 2 x 4 x 14 1/2" RISER BLOCK (1-03-1402)



**N10**  
2 @ SWING BEAM PLATE  
(5-35-0092)

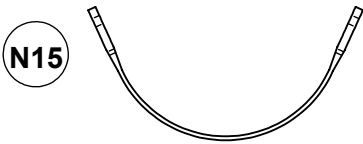


**N26**  
4 or 6 @ SWING HANGER  
(5-45-0012)

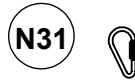


**N29**  
12 or 16 @ 3/8" Bolt Cup  
(5-47-0043)

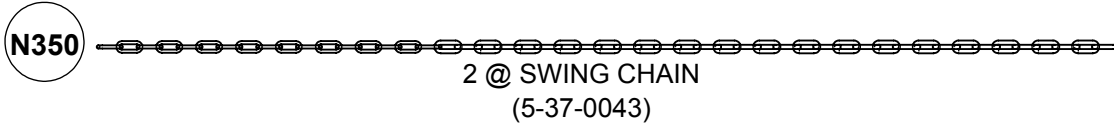
## Sling Swing Parts List (Per Swing)



**N15**  
 1 @ SWING SEAT  
 (5-40-0034),(5-40-0032),(5-40-0038),(5-40-0049)

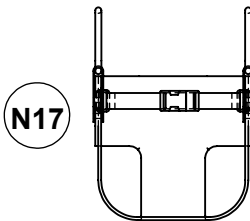


**N31**  
 2 @ PEAR LINK  
 5-47-0045



**N350**  
 2 @ SWING CHAIN  
 (5-37-0043)

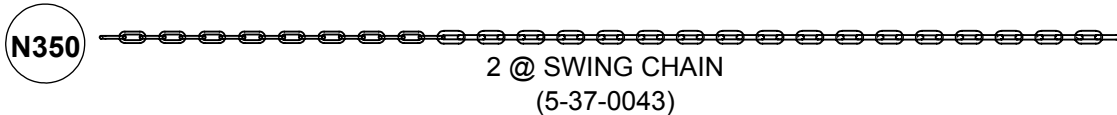
## Half Bucket Swing Parts List



**N17**  
 1 @ HALF BUCKET SWING  
 (5-40-0046)  
 (designed for children ages 3-5)

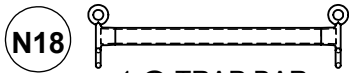


**N30**  
 2 @ C-LINK  
 (5-47-0044)



**N350**  
 2 @ SWING CHAIN  
 (5-37-0043)

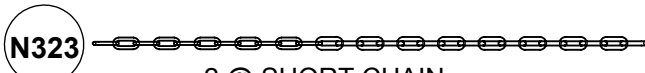
## Trapeze Bar Parts List



**N18**  
 1 @ TRAP BAR  
 (5-40-0063)



**N30**  
 4 @ C-LINK  
 (5-44-0044)



**N323**  
 2 @ SHORT CHAIN  
 (5-37-0042)



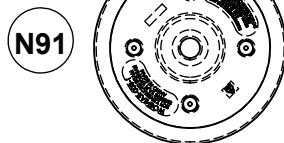
**N327**  
 2 @ TRAP RING  
 (5-40-0066)

## Swing Disc/Buoy Ball Parts List

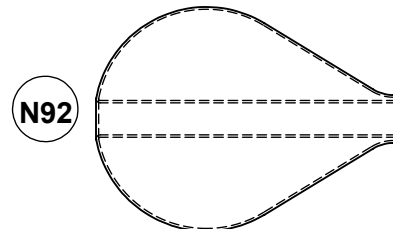
**\*NOT SHOWN:**

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

**N64** 1 @ 15' ROPE  
 (5-20-0253)



**N91**  
 1 @ SWING DISC  
 (5-40-0019)

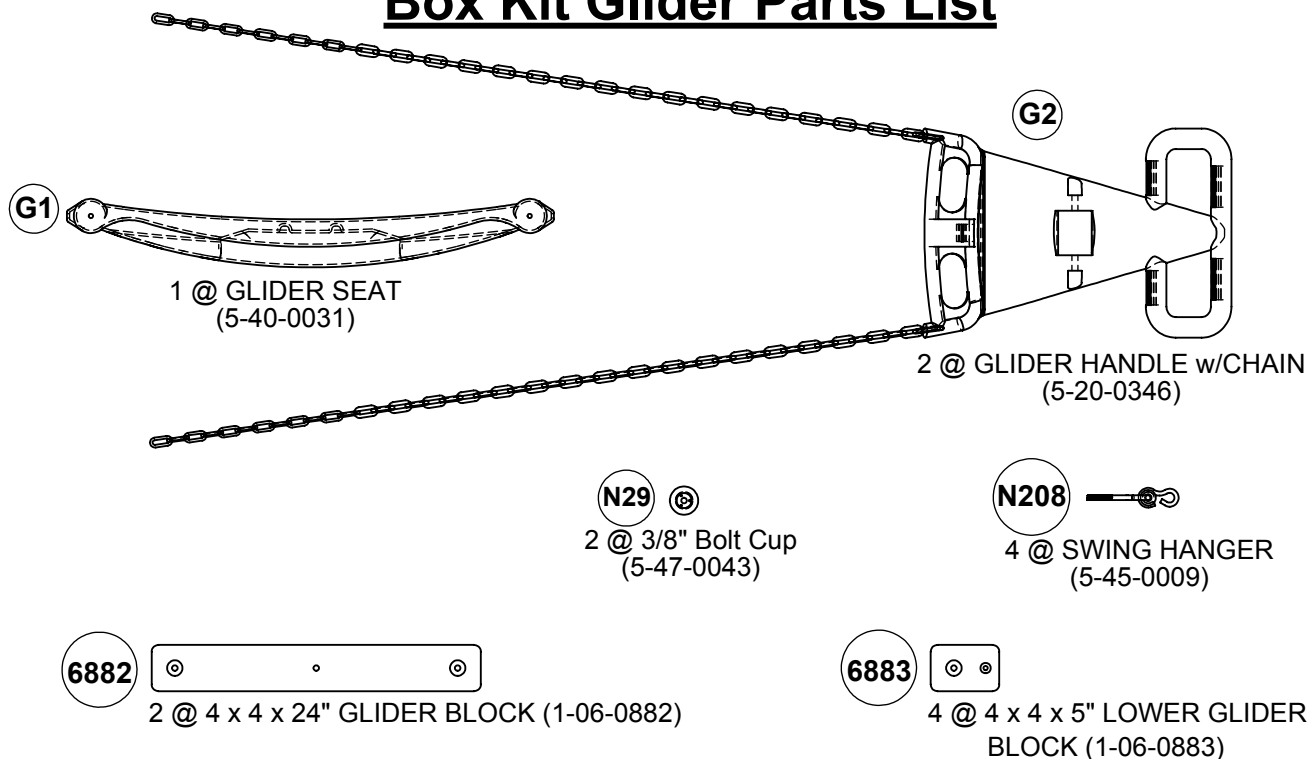


**N92**  
 1 @ ROPE BUOY BALL  
 (5-40-0057)

## Box Kit Glider Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u> | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|--------------------|------------------|------------|-----------------|
| 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       |

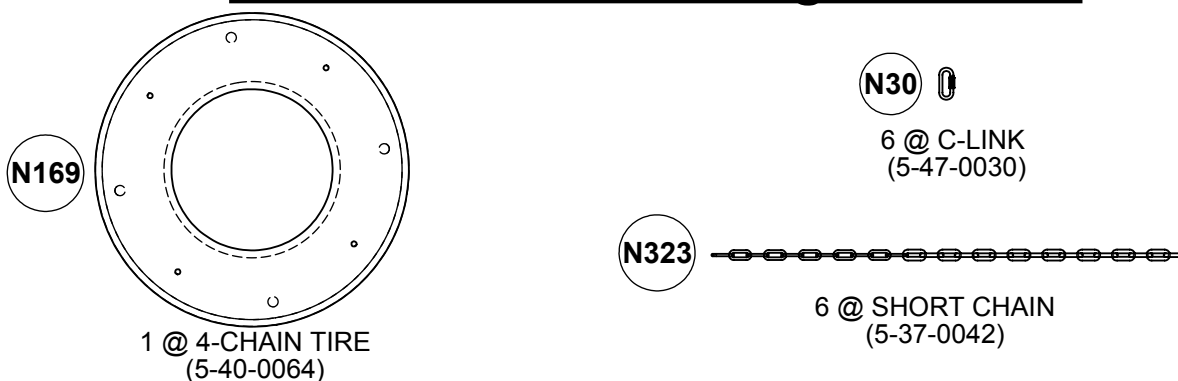
## Box Kit Glider Parts List



## Box 4-Chain Tire Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u> | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u>     |
|-------------|--------------------|------------------|------------|---------------------|
| H196        | Tire Swing Eyebolt | 3/8" x 3"        | 3/1        | 5-46-0263/5-46-0589 |
| H14         | Tire Swing Washer  | 3/8"             | 6/2        | 5-46-0263/5-46-0589 |
| H24         | Nylock Nut         | 3/8"             | 3/1        | 5-46-0263/5-46-0589 |

## Box 4-Chain Tire Swing Parts List



## 60" DH A-Frame Bench Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u> | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|--------------------|------------------|------------|-----------------|
| 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       |

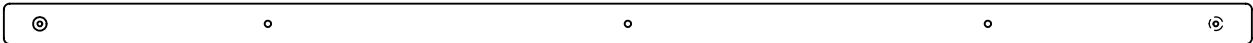
## 60" DH A-Frame Bench Parts List

**6993**



2 @ 4 x 4 x 70" A-FRAME BENCH SEAT (1-06-0993)

**6994**



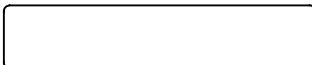
1 @ 4 x 4 x 104" A-FRAME BENCH CROSS MEMBER (1-06-0994)

## 60" Deck Height Monkey Bar Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>                    | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------------------------|------------------|------------|-----------------|
| H3          | Flat Washer                           | 3/8"             | 16         | 5-46-0863       |
| H4          | Flat Washer                           | 1/2"             | 4          | 5-46-0863       |
| H5          | Flat Washer                           | 3/4"             | 4          | 5-46-0863       |
| H12         | Lock Washer                           | 1/2"             | 4          | 5-46-0863       |
| H18         | Standard Nut                          | 1/2"             | 4          | 5-46-0863       |
| H29         | Acorn Nut                             | 1/2"             | 4          | 5-46-0863       |
| H71         | Carriage Bolt                         | 1/2" x 6 3/4"    | 4          | 5-46-0863       |
| H76         | Carriage Bolt                         | 1/2" x 9"        | 2          | 5-46-0863       |
| H116        | Lag Bolt                              | 3/8" x 3 1/2"    | 12         | 5-46-0863       |
| H119        | Lag Bolt                              | 3/8" x 5"        | 4          | 5-46-0863       |
| H121        | Lag Bolt                              | 3/8" x 7"        | 2          | 5-46-0863       |
| H167        | Phillips Pan Head Tap Screw           | #14 x 2"         | 4          | 5-46-0863       |
| H188        | Phillips Wood Screw                   | #8 x 3 1/2"      | 20         | 5-46-0863       |
| H216        | Phillips Pan Head Self Drilling Screw | #8 x 1 1/2"      | 12         | 5-46-0863       |

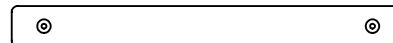
## 60" Deck Height Monkey Bar Parts List

**4071**



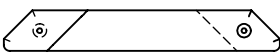
4 @ 2 x 6 x 26" LADDER STEP (3-04-0071)

**6147**



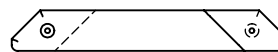
1 @ 4 x 4 x 32 3/4" MONKEY BAR GROUND RUNNER (3-06-0147)

**6144**



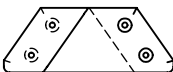
1 @ 4 x 4 x 23" 23" RIGHT SLIM BRACKET (3-06-0144)

**6145**



1 @ 4 x 4 x 23" 23" LEFT SLIM BRACKET (3-06-0145)

**7024**



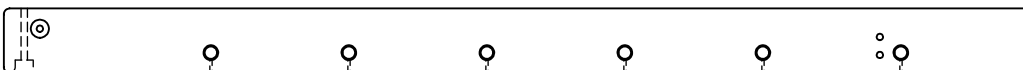
1 @ 4 x 6 x 14 1/8" RIGHT MONKEY BAR BRACKET (3-07-0024)

**7025**



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

**7026**



1 @ 4 x 6 x 86" LEFT MONKEY BAR ARM (3-07-0026)

...continued on next page

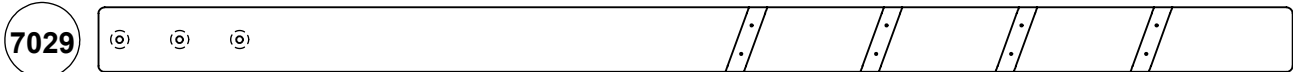
# 60" Deck Height Monkey Bar Parts List Continued



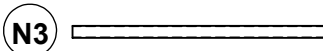
1 @ 4 x 6 x 86" RIGHT MONKEY BAR ARM (3-07-0027)



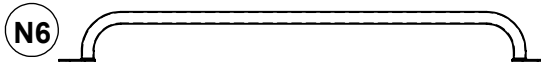
1 @ 4 x 6 x 99 1/2" LEFT MB SUPPORT LEG (3-07-0028)



1 @ 4 x 6 x 99 1/2" RIGHT MB SUPPORT LEG (3-07-0029)



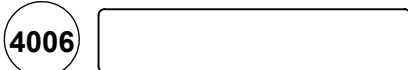
6 @ 21" PIPE  
(5-31-0073)



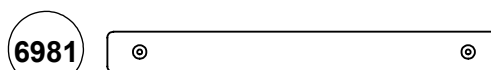
2 @ LADDER HANDLE  
(5-33-0103)

## 70" Deck Height Monkey Bar Hardware List

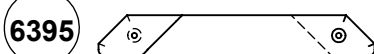
| F/N# | DESCRIPTION                           | DIMENSION     | QTY | FOUND IN  |
|------|---------------------------------------|---------------|-----|-----------|
| H3   | Flat Washer                           | 3/8"          | 16  | 5-46-0863 |
| H4   | Flat Washer                           | 1/2"          | 4   | 5-46-0863 |
| H5   | Flat Washer                           | 3/4"          | 4   | 5-46-0863 |
| H12  | Lock Washer                           | 1/2"          | 4   | 5-46-0863 |
| H18  | Standard Nut                          | 1/2"          | 4   | 5-46-0863 |
| H29  | Acorn Nut                             | 1/2"          | 4   | 5-46-0863 |
| H71  | Carriage Bolt                         | 1/2" x 6 3/4" | 2   | 5-46-0863 |
| H76  | Carriage Bolt                         | 1/2" x 9"     | 2   | 5-46-0863 |
| H116 | Lag Bolt                              | 3/8" x 3 1/2" | 12  | 5-46-0863 |
| H119 | Lag Bolt                              | 3/8" x 5"     | 4   | 5-46-0863 |
| H121 | Lag Bolt                              | 3/8" x 7"     | 2   | 5-46-0863 |
| H167 | Phillips Pan Head Tap Screw           | #14 x 2"      | 4   | 5-46-0863 |
| H188 | Phillips Wood Screw                   | #8 x 3 1/2"   | 20  | 5-46-0863 |
| H216 | Phillips Pan Head Self Drilling Screw | #8 x 1 1/2"   | 12  | 5-46-0863 |



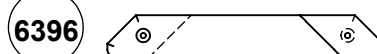
5 @ 2 x 6 x 26" LADDER STEP (1-04-1006)



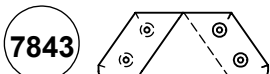
1 @ 4 x 4 x 32 3/4" MONKEY BAR GROUND RUNNER (1-06-0981)



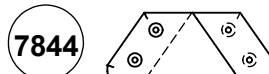
1 @ 4 x 4 x 23" 23" RIGHT SLIM (1-06-0395)



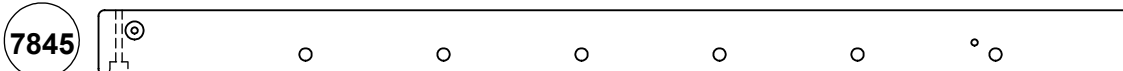
1 @ 4 x 4 x 23" 23" LEFT SLIM (1-06-0396)



1 @ 4 x 6 x 14 1/8" RIGHT MONKEY BAR BRACKET (1-07-0843)



1 @ 4 x 6 x 14 1/8" LEFT MONKEY BAR BRACKET (1-07-0844)



1 @ 4 x 6 x 86" LEFT MONKEY BAR ARM (1-07-0845)



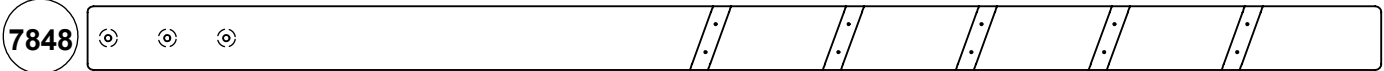
# 70" Deck Height Monkey Bar Parts List Continued



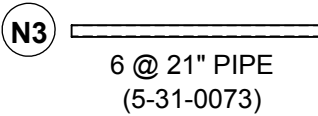
1 @ 4 x 6 x 86" RIGHT MONKEY BAR ARM (1-07-0846)



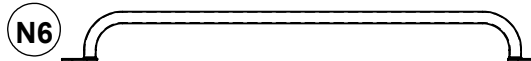
1 @ 4 x 6 x 109 1/2" LEFT MB SUPPORT LEG (1-07-0847)



1 @ 4 x 6 x 109 1/2" RIGHT MB SUPPORT LEG (1-07-0848)



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

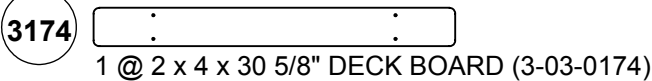


2 @ LADDER HANDLE  
(5-33-0103)

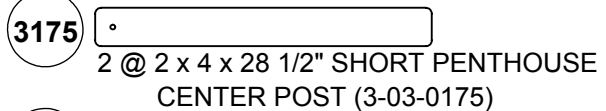
## Cedar Penthouse Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>          | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|-----------------------------|------------------|------------|-----------------|
| H131        | Hex Head Bolt               | 3/8" x 4 1/2"    | 2          | 5-46-0864       |
| H146        | Hex Head Bolt               | 1/4" x 2 1/2"    | 2          | 5-46-0864       |
| H119        | Lag Bolt                    | 3/8" x 5"        | 10         | 5-46-0864       |
| H97         | Lag Bolt                    | 1/4" x 3"        | 50         | 5-46-0864       |
| H167        | Phillips Pan Head Tap Screw | #14 x 2"         | 4          | 5-46-0864       |
| H164        | Phillips Pan Head Tap Screw | #14 x 1"         | 18         | 5-46-0864       |
| H155        | Phillips Wood Screw         | #8 x 2 1/2"      | 72         | 5-46-0864       |
| H3          | Flat Washer                 | 3/8"             | 16         | 5-46-0864       |
| H1          | Flat Washer                 | 1/4"             | 52         | 5-46-0864       |
| H11         | Lock Washer                 | 3/8"             | 2          | 5-46-0864       |
| H9          | Lock Washer                 | 1/4"             | 2          | 5-46-0864       |
| H34         | 4 Prong T-Nut               | 3/8"             | 2          | 5-46-0864       |
| H32         | 4 Prong T-Nut               | 1/4"             | 2          | 5-46-0864       |

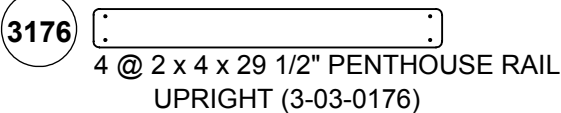
## Cedar Penthouse Parts List



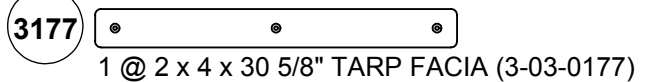
1 @ 2 x 4 x 30 5/8" DECK BOARD (3-03-0174)



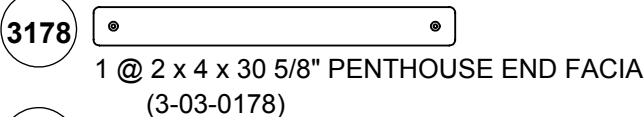
2 @ 2 x 4 x 28 1/2" SHORT PENTHOUSE CENTER POST (3-03-0175)



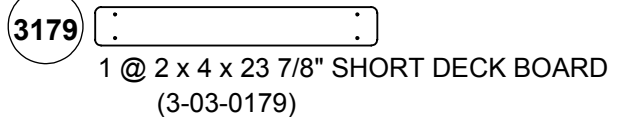
4 @ 2 x 4 x 29 1/2" PENTHOUSE RAIL UPRIGHT (3-03-0176)



1 @ 2 x 4 x 30 5/8" TARP FACIA (3-03-0177)



1 @ 2 x 4 x 30 5/8" PENTHOUSE END FACIA (3-03-0178)



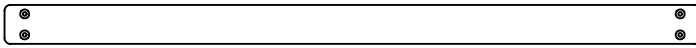
1 @ 2 x 4 x 23 7/8" SHORT DECK BOARD (3-03-0179)




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


continued on next page

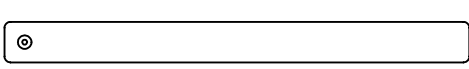
## Cedar Penthouse Parts List Continued

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

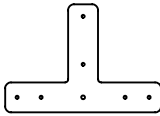
**4066**   
1 @ 2 x 6 x 23 7/8" MONKEY BAR ENTRAPMENT BOARD (3-04-0066)


**4068**   
9 @ 2 x 6 x 30 5/8" DECK BOARD (3-04-0068)


**4069**   
8 @ 2 x 6 x 58" PENTHOUSE SIDE BOARD (3-04-0069)

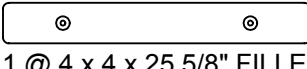
**6148**   
4 @ 4 x 4 x 38 3/4" PENTHOUSE CORNER POST (3-06-0148)

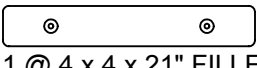
**N5**   
2 @ SAFETY HANDLE (5-33-0102)

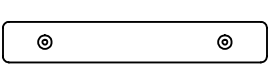
**N33**   
2 @ T-BRACKET (5-35-0087)

**4065**   
1 @ 2 x 6 x 23 7/8" SHORT DECK BOARD (3-04-0065)

**4067**   
1 @ 2 x 6 x 30 5/8" TARP FACIA (3-04-0067)

**6146**   
1 @ 4 x 4 x 25 5/8" FILLER BLOCK (3-06-0146)

**6142**   
1 @ 4 x 4 x 21" FILLER BLOCK (3-06-0142)

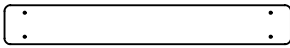
**6143**   
1 @ 4 x 4 x 22" STEP BLOCK (3-06-0143)

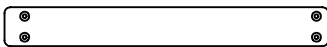
**\*NOT SHOWN:**  
**N376** 1 @ PENTHOUSE TARP  
5-22-0278,5-22-0279

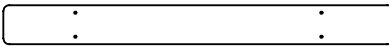
## Cedar Penthouse w/ Spiral Hardware List

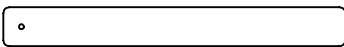
| <u>F/N#</u> | <u>DESCRIPTION</u>          | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|-----------------------------|------------------|------------|-----------------|
| H1          | Flat Washer                 | 1/4"             | 52         | 5-46-0864       |
| H3          | Flat Washer                 | 3/8"             | 16         | 5-46-0864       |
| H9          | Lock Washer                 | 1/4"             | 2          | 5-46-0864       |
| H11         | Lock Washer                 | 3/8"             | 2          | 5-46-0864       |
| H32         | 4 Prong T-Nut               | 1/4"             | 2          | 5-46-0864       |
| H34         | 4 Prong T-Nut               | 3/8"             | 2          | 5-46-0864       |
| H97         | Lag Bolt                    | 1/4" x 3"        | 50         | 5-46-0864       |
| H119        | Lag Bolt                    | 3/8" x 5"        | 10         | 5-46-0864       |
| H131        | Hex Head Bolt               | 3/8" x 4 1/2"    | 2          | 5-46-0864       |
| H146        | Hex Head Bolt               | 1/4" x 2 1/2"    | 2          | 5-46-0864       |
| H155        | Phillips Wood Screw         | #8 x 2 1/2"      | 80         | 5-46-0864       |
| H167        | Phillips Pan Head Tap Screw | #14 x 2"         | 4          | 5-46-0864       |
| H164        | Phillips Pan Head Tap Screw | #14 x 1"         | 18         | 5-46-0864       |

## Cedar Penthouse w/ Spiral Parts List

**3394**   
1 @ 2 x 4 x 23 7/8" SHORT DECK BOARD (1-03-1394)

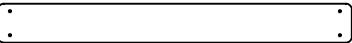
**3398**   
1 @ 2 x 4 x 27" SHORT PENTHOUSE SIDE BOARD (1-03-1398)

**3401**   
1 @ 2 x 4 x 32 1/2" MID RANGE SPIRAL FILLER BOARD (1-03-1401)

**3145**   
2 @ 2 x 4 x 28 1/2" SHORT PENTHOUSE CENTER POST (1-03-1145)

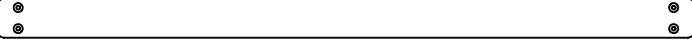
*continued on next page*

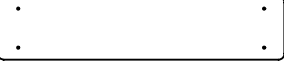
# Cedar Penthouse w/ Spiral Parts List Continued

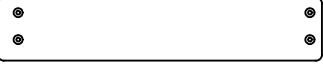
**3150**   
4 @ 2 x 4 x 29 1/2" SHORT RAIL UPRIGHT (1-03-1150)

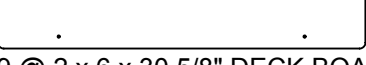
**3143**   
1 @ 2 x 4 x 30 5/8" PENTHOUSE END FACIA (1-03-1143)


**3396**   
1 @ 2 x 4 x 58" TARP BOARD (1-03-1396)


**3397**   
1 @ 2 x 4 x 58" PENTHOUSE SIDE BOARD (1-03-1397)

**4017**   
1 @ 2 x 6 x 23 7/8" SHORT DECK BOARD (1-04-1017)

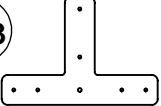
**4021**   
3 @ 2 x 6 x 27" SHORT PENTHOUSE SIDE BOARD  
(1-04-1021)

**4019**   
9 @ 2 x 6 x 30 5/8" DECK BOARD (1-04-1019)

**4020**   
5 @ 2 x 6 x 58" PENTHOUSE SIDE BOARD (1-04-1020)

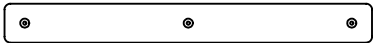
**6932**   
4 @ 4 x 4 x 38 3/4" PENTHOUSE CORNER POST  
(1-06-0932)


**7854**   
1 @ 4 x 6 x 27 5/8" MID RANGE SPIRAL FILLER BLOCK  
(1-07-0854)

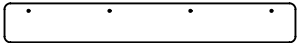
**N33**   
2 @ T-BRACKET  
(5-35-0087)

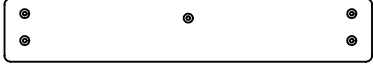
**N8**   
2 @ SMALL 90° BRACKET  
(5-35-0089)


**N5**   
2 @ SAFETY HANDLE  
(5-33-0102)

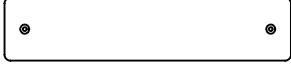
**3146**   
1 @ 2 x 4 x 30 5/8" TARP FACIA  
(1-03-1146)

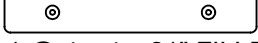
**3395**   
1 @ 2 x 4 x 30 5/8" DECK BOARD  
(1-03-1395)


**3403**   
1 @ 2 x 4 x 24 1/4" MID RANGE  
SPIRAL FILLER (1-03-1403)


**4937**   
1 @ 2 x 6 x 30 5/8" TARP FACIA  
(1-04-0937)


**4028**   
1 @ 2 x 6 x 24 1/4" MID RANGE  
SPIRAL FILLER BOARD (1-04-1028)

**4018**   
1 @ 2 x 6 x 23 7/8" MONKEY BAR  
ENTRAPMENT BOARD  
(1-04-1018)

**6995**   
1 @ 4 x 4 x 21" FILLER BLOCK  
(1-06-0995)

**6696**   
1 @ 4 x 4 x 22" FILLER BLOCK  
(1-06-0696)

**6996**   
1 @ 4 x 4 x 25 5/8" FILLER BLOCK  
(1-06-0996)

**7852**   
1 @ 4 x 6 x 33" PENTHOUSE  
SPIRAL UPRIGHT (1-07-0852)

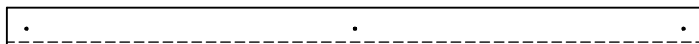
**\*NOT SHOWN:**  
**N377** 1 @ PENTHOUSE W/ SPIRAL TARP  
5-22-0280,5-22-0281

## Cedar Penthouse Wood Roof Hardware List

| <u>F/N#</u> | <u>DESCRIPTION</u>  | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------|------------------|------------|-----------------|
| H1          | Flat Washer         | 1/4"             | 8          | 5-46-0866       |
| H3          | Flat Washer         | 3/8"             | 2          | 5-46-0866       |
| H11         | Lock Washer         | 3/8"             | 2          | 5-46-0866       |
| H34         | 4 Prong T-Nut       | 3/8"             | 2          | 5-46-0866       |
| H97         | Lag Bolt            | 1/4" x 3"        | 4          | 5-46-0866       |
| H100        | Lag Bolt            | 1/4" x 4 1/2"    | 4          | 5-46-0866       |
| H131        | Hex Head Bolt       | 3/8" x 4 1/2"    | 2          | 5-46-0866       |
| H152        | Phillips Wood Screw | #8 x 1 1/2"      | 60         | 5-46-0866       |
| H154        | Phillips Wood Screw | #8 x 2"          | 12         | 5-46-0866       |
| H215        | Hex Head Bolt       | 1/4" x 1"        | 2          | 5-46-0866       |

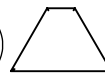
## Cedar Penthouse Wood Roof Parts List

1240



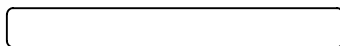
20 @ 1 x 4 x 58" ROOF BOARD (3-01-0240)

0087



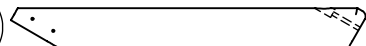
2 @ 5/4 x 6 x 8 3/8" PEAK FACIA  
(3-10-0087)

3182



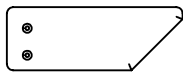
2 @ 2 x 4 x 28" ROOF RUNNER (3-03-0182)

3183



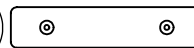
4 @ 2 x 4 x 29 3/4" PENTHOUSE  
WOOD ROOF SUPPORT  
(3-03-0183)

4070



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

6141



1 @ 4 x 4 x 16" FILLER BLOCK  
(3-06-0141)

6149



1 @ 4 x 4 x 9 3/8" FILLER BLOCK (3-06-0149)

9183



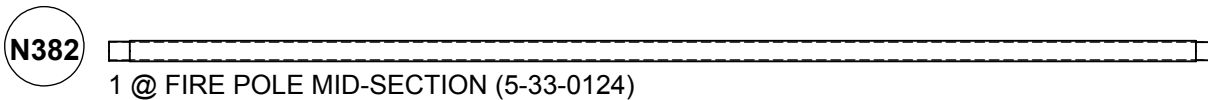
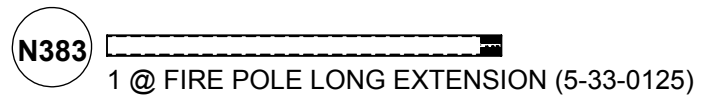
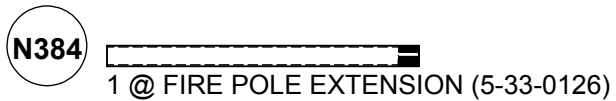
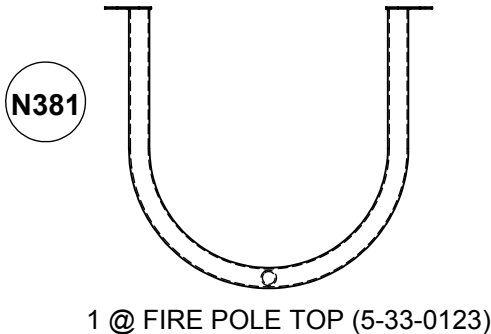
1 @ 5/4 x 4 x 26 1/2" ENTRAPMENT  
BOARD (3-09-0183)

## 24" Dia. Spiral Slide Parts List (for Penthouse)

| <u>F/N#</u> | <u>DESCRIPTION</u>           | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|------------------------------|------------------|------------|-----------------|
| 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           |

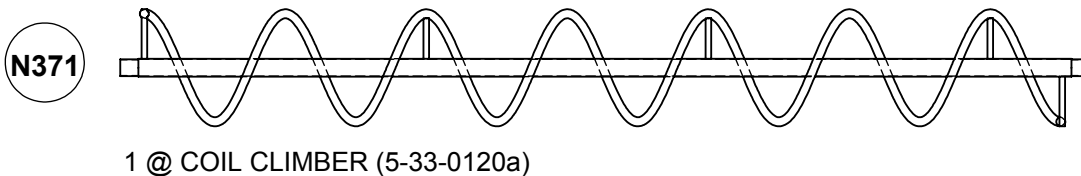
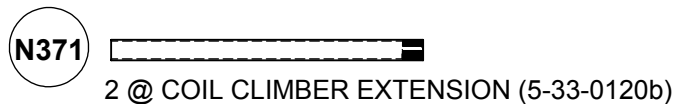
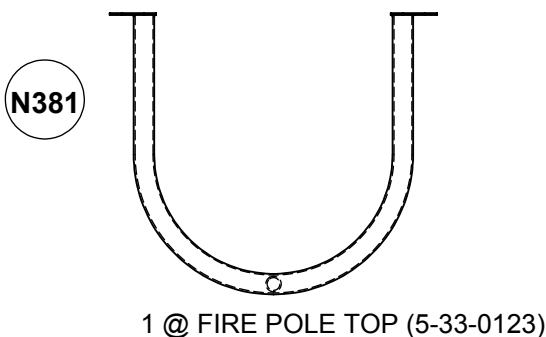
## Fire Pole Parts List

| <u>F/N#</u> | <u>DESCRIPTION</u>                    | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------------------------|------------------|------------|-----------------|
| 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       |



## Coil Climber Parts List

| <u>F/N#</u> | <u>DESCRIPTION</u>                    | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|---------------------------------------|------------------|------------|-----------------|
| 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       |



## 70" Deck Height Swing Options

| <u>F/N#</u> | <u>DESCRIPTION</u>             | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u> |
|-------------|--------------------------------|------------------|------------|-----------------|
| N211        | Sling Swing w/72" Chain        |                  |            | Loose           |
| N74         | Bucket Swing w/72" Chain       |                  |            | Loose           |
| N336        | Trapeze/Ring Combo w/26" Chain |                  |            | Loose           |

## 24" Dia. Spiral Slide Parts List (for 70" DH Clubhouse)

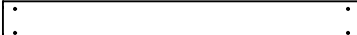
| <u>F/N#</u> | <u>DESCRIPTION</u>            | <u>DIMENSION</u> | <u>QTY</u> | <u>FOUND IN</u>     |
|-------------|-------------------------------|------------------|------------|---------------------|
| H1          | Flat Washer                   | 1/4"             | 15         | 5-46-0462           |
| H3          | Flat Washer                   | 3/8"             | 42/8       | 5-46-0462/5-46-0878 |
| 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           |
| H116        | Lag Bolt                      | 3/8" x 3 1/2"    | 8          | 5-46-0878           |
| H123        | Hex Head Bolt                 | 3/8" x 1 1/4"    | 6          | 5-46-0462           |
| H154        | Phillips Wood Screw           | #8 x 2"          | 24/12      | 5-46-0462/5-46-0878 |
| H164        | Phillips Pan Head Tap Screw   | #14 x 1"         | 8          | 5-46-0462           |
| N193        | 24" Dia. Short 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               |

**3405**



1 @ 2 x 4 x 58" 2 HOLE FACIA (1-03-1405)

**3406**



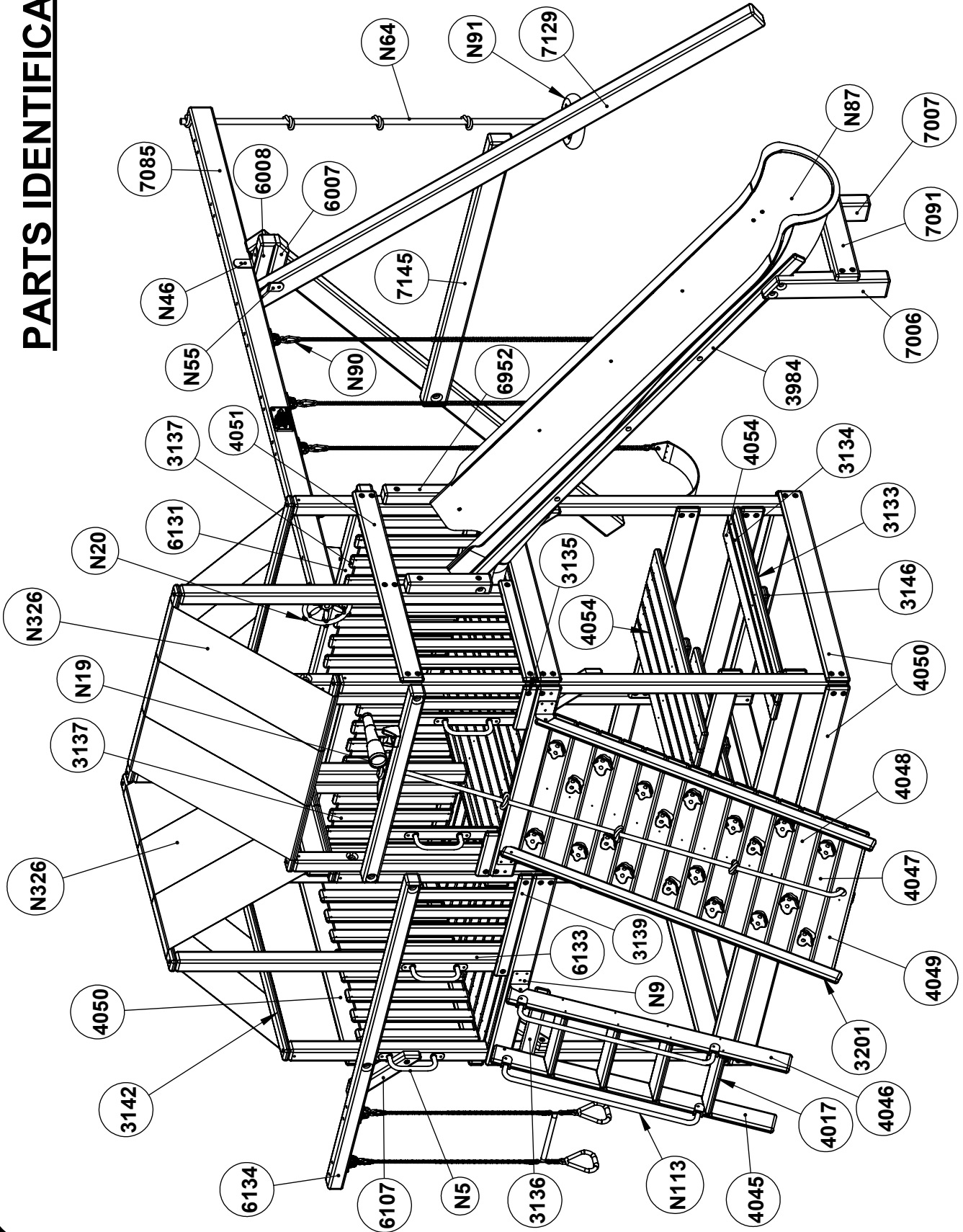
2 @ 2 x 4 x 29 3/4" SPIRAL FILLER BOARD (1-03-1406)

**4030**

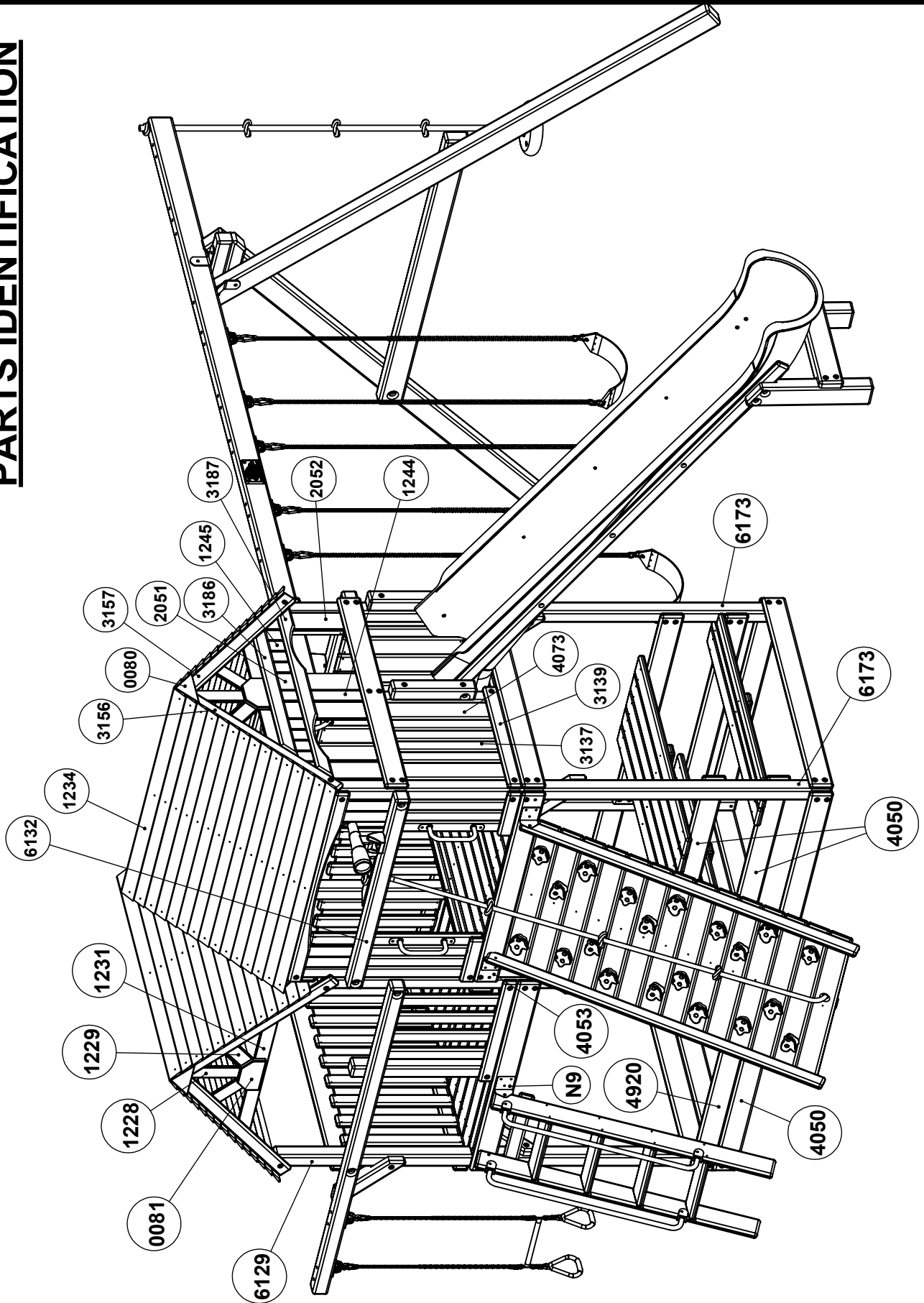


3 @ 2 x 6 x 30 5/8" 4 HOLE FACIA (1-04-1030)

# PARTS IDENTIFICATION



# PARTS IDENTIFICATION



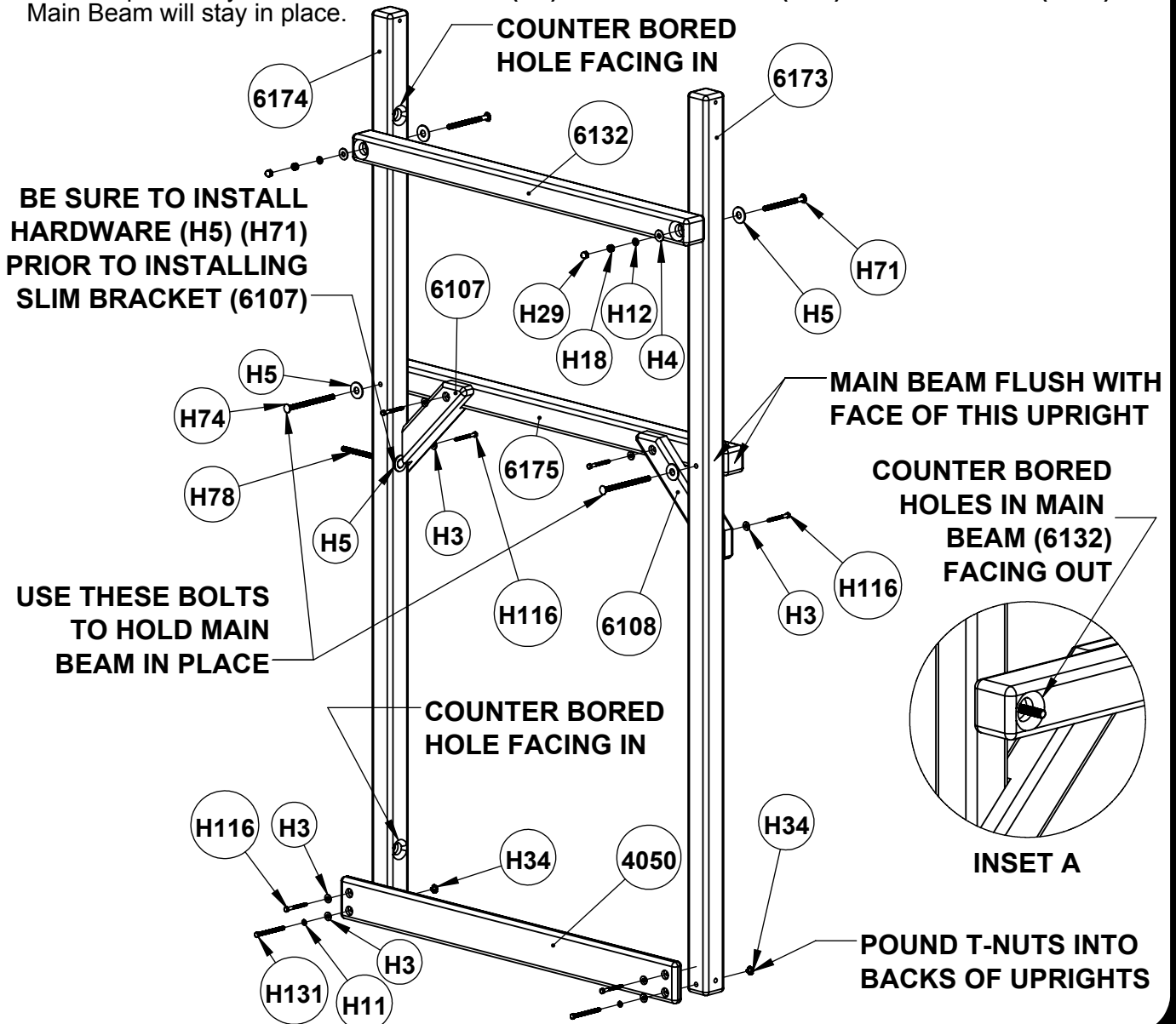


# Step 1

## First Wall Assembly

**\*NOTE: Pre-drill 1/4" holes for all 3/8" Lag Bolts.**

1. Using a hammer, pound 3/8" T-Nuts (H34) into bottom holes of the Corner Uprights (6173) (6174) and attach 4 Hole Facia (4050) through bottom holes only using 3/8" Hardware (H3) (H11) (H34) (H131). Ends and bottom of 4 Hole Facia (4050) must be flush with Corner Uprights (6129) when properly installed.
  2. Attach upper Main Beam (6132) to Corner Uprights (6173) (6174) using 3/4" Hardware (H5) and 1/2" Hardware (H4) (H12) (H18) (H29) (H71).
  3. Position the second Main Beam (6175) (as shown in Inset A) against Corner Uprights (6173) (6174) and insert 3/4" Hardware (H5) and 1/2" Hardware (H74) through Corner Uprights and Main Beam holes, but do not attach.
  4. Ensure wall assembly is plumb and square and install 3/8" Hardware (H3) (H116) into top holes of 4 Hole Facia (4050).
  5. Install 3/4" Hardware (H5) (H78) into hole in Corner Upright (6174) (as shown).
  6. Install Left Slim Bracket (6108) and Right Slim Bracket (6107) up against Corner Uprights (6173) (6174) and Main Beam (6175) using 3/8" Hardware (H3) (H116).
- \*NOTE: Slim Bracket (6107) should be pushed up tight to previously installed 3/4" Hardware (H5) (H78). Remaining faces of Slim Brackets (6107) (6108), Main Beam (6175) and Corner Uprights (6173) (6174) should have no gaps when properly installed.**
7. Remove previously installed 3/4" Hardware (H5) and 1/2" Hardware (H74) from Main Beam (6175). Main Beam will stay in place.



# Step 2

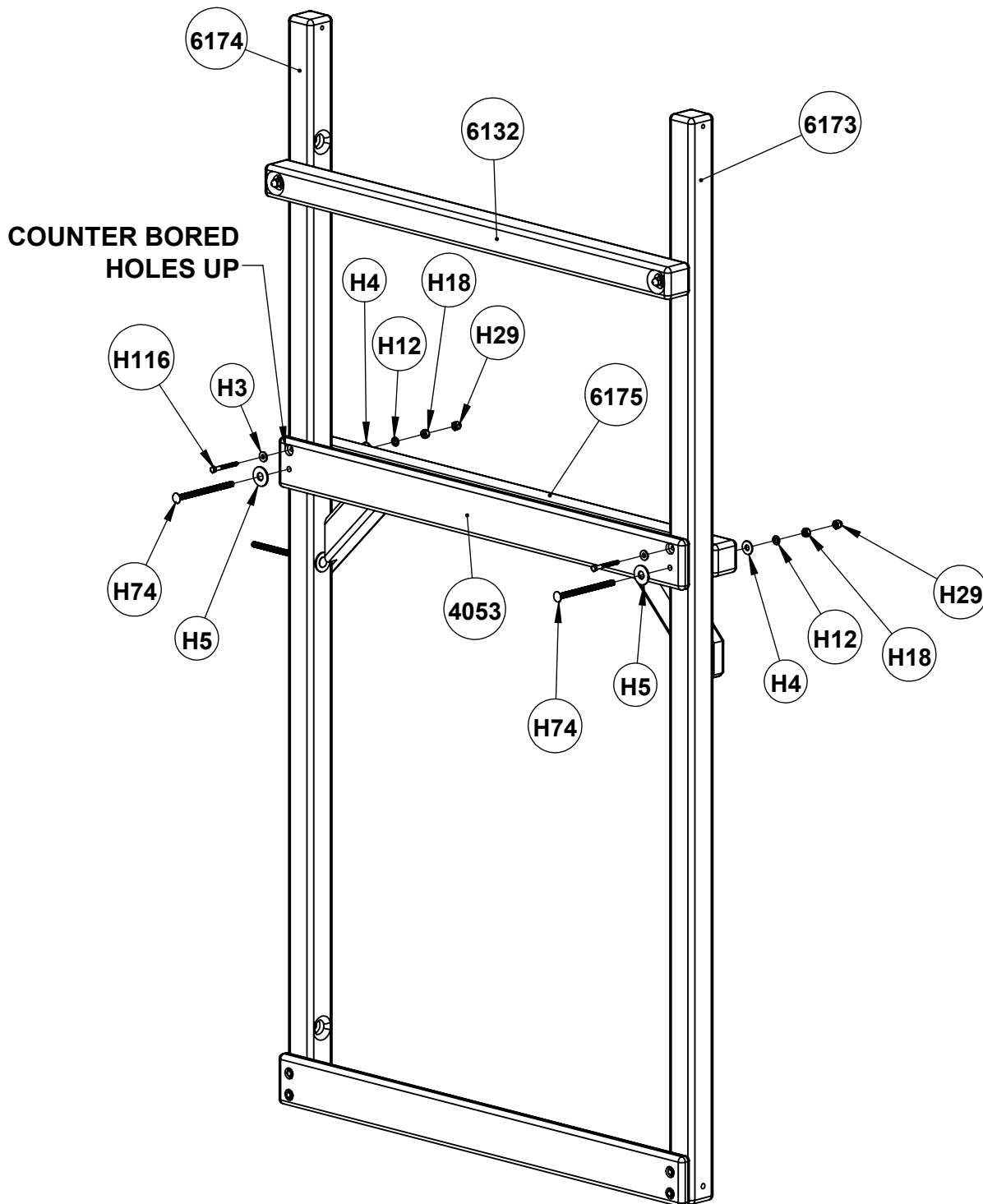
## First Wall Assembly (continued)

**\*NOTE:** Pre-drill 1/4" holes for all 3/8" Lag Bolts.

1. Attach Rock Wall Mounting Facia (4053) to Corner Uprights (6173) (6174) through bottom pre-drilled holes in Rock Wall Facia (4053) and Main Beam (6175) using 3/4" Hardware (H5) and 1/2" Hardware (H4) (H12) (H18) (H29) (H74).

**\*NOTE:** Counter bored holes in Rock Wall Mounting Facia should be up when properly installed.

2. Insert 3/8" Hardware (H3) (H116) into top holes of Rock Wall Mounting Facia (4053).



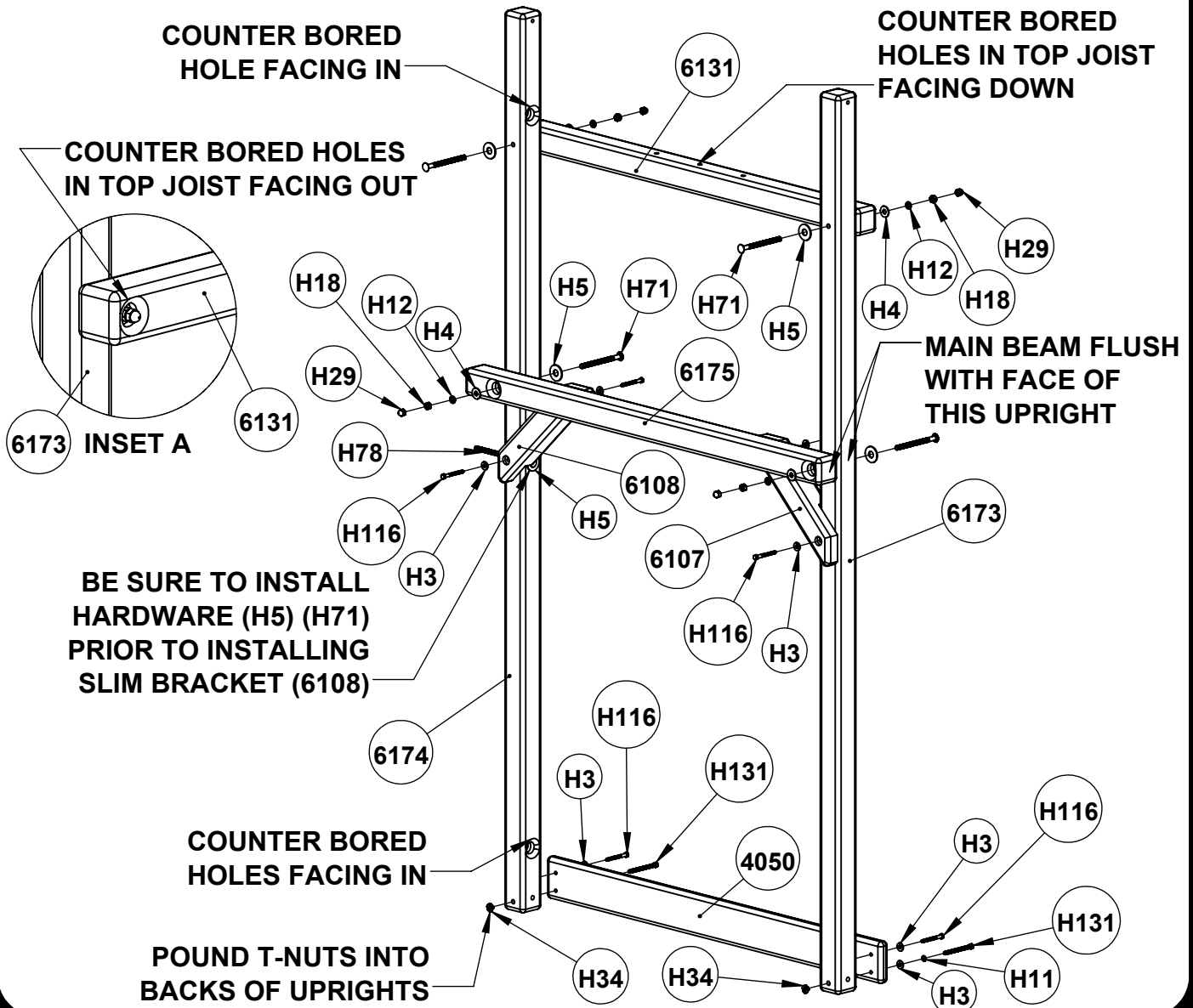
# Step 3

## Second Wall Assembly

**\*NOTE: Pre-drill 1/4" holes for all 3/8" Lag Bolts.**

1. Begin second Wall Assembly by using a hammer to pound 3/8" T-Nuts (**H34**) into bottom holes in Corner Uprights (**6173**) (**6174**). Attach 4 Hole Facia (**4050**) to Corner Uprights (**6173**) (**6174**) using 3/8" Hardware (**H3**) (**H11**) (**H34**) (**H131**). Insert 3/8" Hardware in bottom holes only. Ends and bottom of 4 Hole Facia (**4050**) must be flush with Corner Uprights (**6173**) (**6174**) when properly installed.
2. Attach Top Joist w/Swing Holes (**6131**) to Corner Uprights (**6173**) (**6174**) using 3/4" Hardware (**H5**) and 1/2" Hardware (**H4**) (**H12**) (**H18**) (**H29**) (**H71**). Top Joist must be oriented as shown in Inset A, with counter bored holes facing out.
3. Attach Main Beam (**6175**) to Corner Uprights (**6173**) (**6174**) using 3/4" Hardware (**H5**) and 1/2" Hardware (**H4**) (**H12**) (**H18**) (**H29**) (**H71**). Ensure Main Beam (**6175**) is positioned with counter bored holes out (as shown).
4. Check that Wall Assembly is plumb and square and insert 3/8" Hardware (**H3**) (**H116**) into top holes of 4 Hole Facia (**4050**).
5. Install 3/4" Hardware (**H5**) (**H78**) into hole in Corner Upright (**6174**) (as shown).
6. Install Left and Right Slim Brackets (**6107**) (**6108**) up against Corner Uprights (**6173**) (**6174**) and Main Beam (**6175**) and attach using 3/8" Hardware (**H3**) (**H116**).

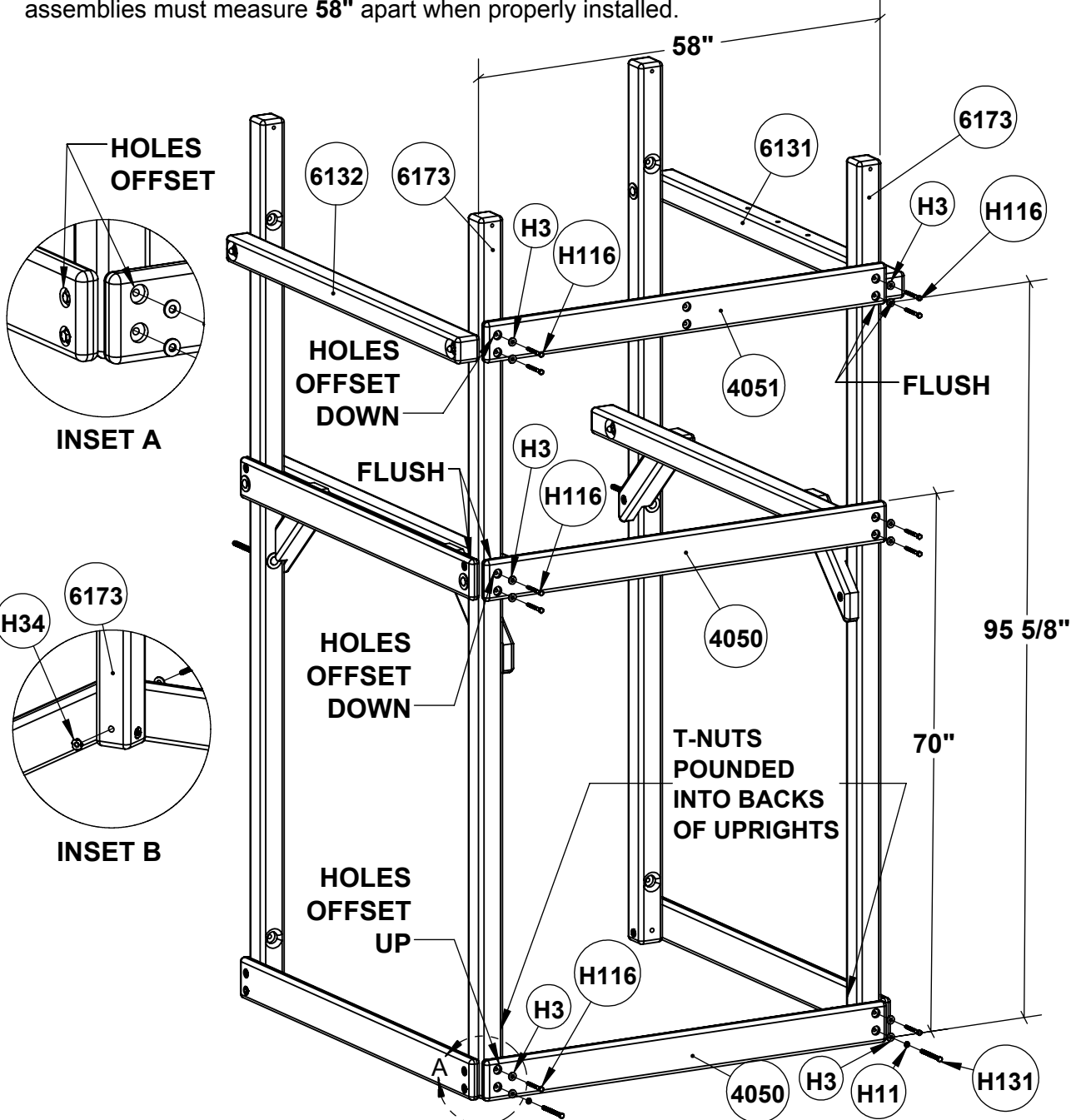
**\*NOTE: Slim Bracket (**6108**) should be pushed up tight to previously installed 3/4" Hardware (**H5**) (**H78**). Remaining faces of Slim Brackets (**6107**) (**6108**), Main Beam (**6175**) and Corner Uprights (**6173**) (**6174**) should have no gaps when properly installed.**



# Step 4

## Wall Support Assembly

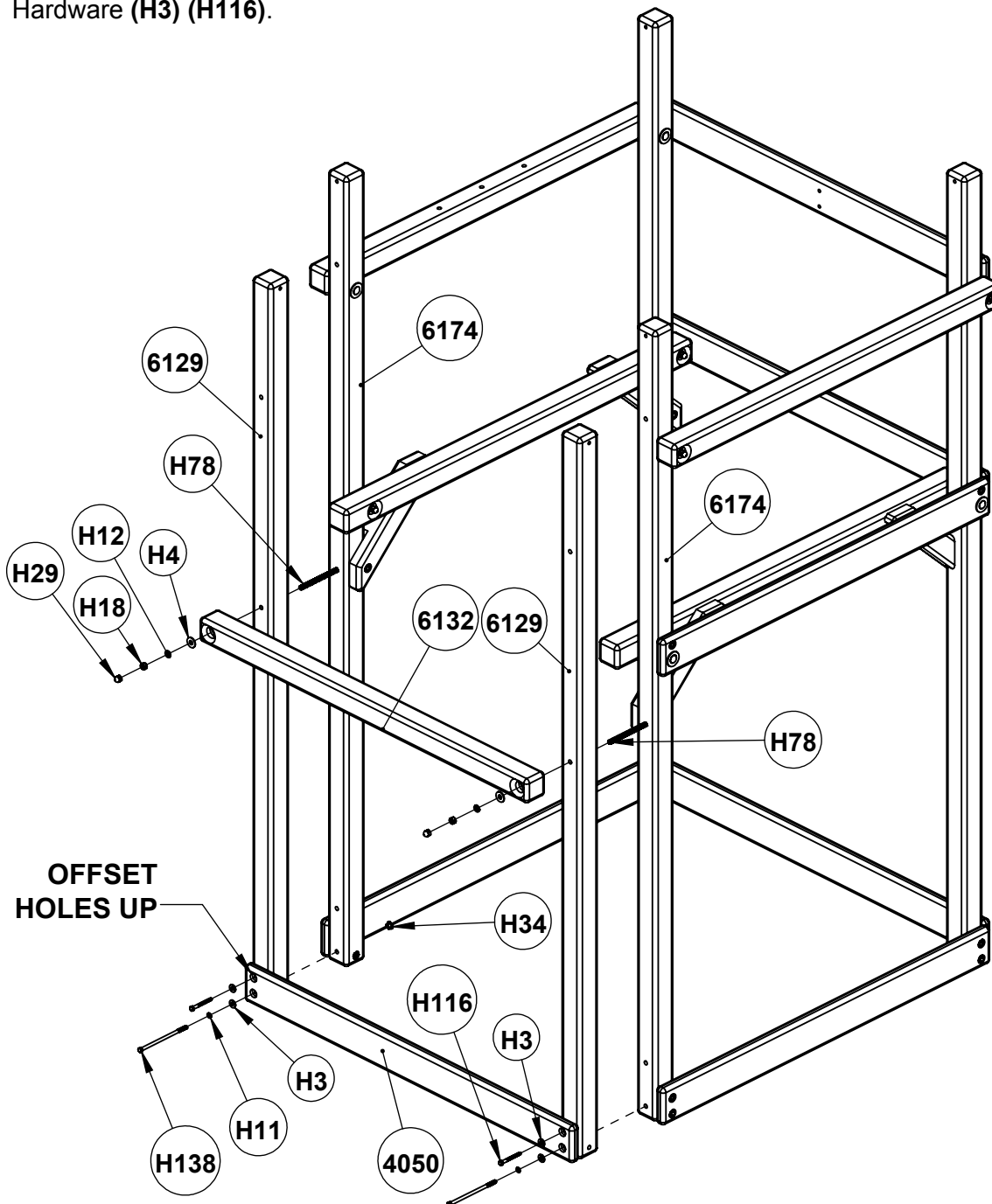
1. Using a hammer, pound 3/8" T-Nuts (H34) into the bottom holes in the Corner Uprights (6173) (as shown in Inset B). Stand up both wall assemblies and attach 4 Hole Facia (4050) using 3/8 Hardware (H3) (H11) (H34) (H131). Holes in 4 Hole Facia (4050) must be offset as shown in Inset A.  
**\*NOTE: Ends and bottoms of 4 Hole Facias (4050) must be flush with Uprights (6173) when properly installed.**
2. Ensure wall assemblies are plumb and finish attaching 4 Hole Facia (4050), through top holes, using 3/8" Hardware (H3) (H116).
3. Measure up 70" and attach 4 Hole Facias (4050) to Corner Uprights (6173) using 3/8" Hardware (H3) (H116). Holes in 4 Hole Facias (4050) must be oriented as shown with offset holes up.  
**\*NOTE: If installing Spiral Slide on base, do not install 6 Hole Facia (4051). Refer to Step 76 for Facia installation instructions.**
4. Position 6 Hole Facias (4051) up 95 5/8" from bottoms of Uprights and flush with the bottoms of the Top Joists (6131) (6132). Facias must be oriented as shown with offset holes down.
5. Attach 6 Hole Facias (4051) to Corner Uprights (6173) using 3/8" Hardware (H3) (H116). Wall assemblies must measure 58" apart when properly installed.



# Step 5

## Lower Level Wall Assembly

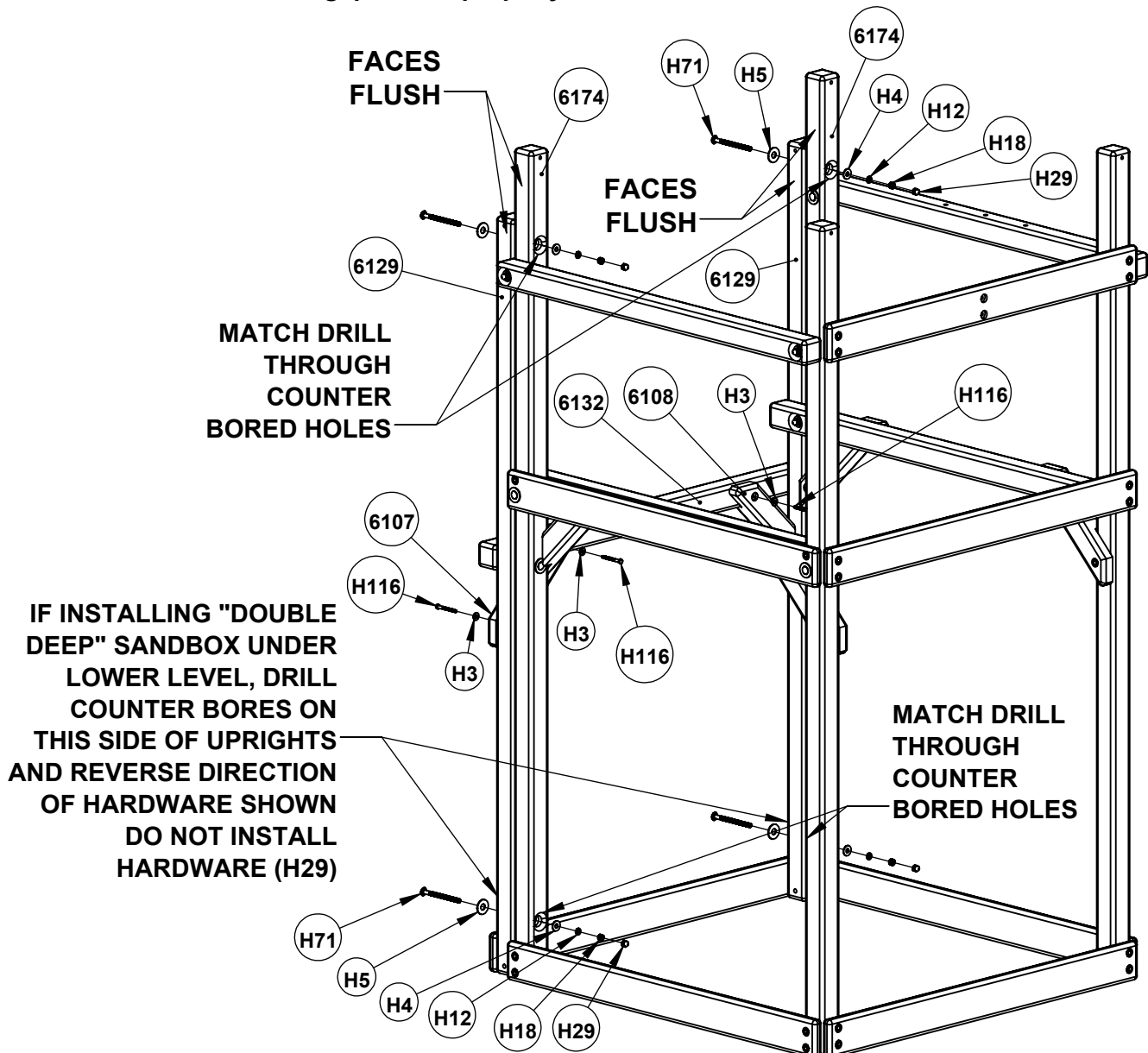
1. Position Corner Uprights (6129) against Corner Uprights (6174), lining up middle holes in Corner Uprights with previously installed 3/4" Hardware (H78).
2. Position Main Beam (6132) against Corner Uprights (6129), with counter bored holes facing out, lining up holes with previously installed 3/4" Hardware (H78). Attach Main Beam (6132) and Corner Uprights (6129) to Corner Uprights (6174) using 1/2" Hardware (H4) (H12) (H18) (H29) (H78).
3. Pound 3/8" Hardware (H34) into bottom holes in the backs of Corner Uprights (6174).
4. Position 4 Hole Facia (4050) against Corner Uprights (6129), orienting facia as shown, with offset holes up. Attach Facia (4050), through bottom holes in facia, to Corner Uprights (6129) using 3/8" Hardware (H3) (H11) (H34) (H138).
5. Finish attaching 4 Hole Facia (4050), through top holes in facia, to Corner Uprights (6129) using 3/8" Hardware (H3) (H116).



# Step 6

## Lower Level Wall Assembly

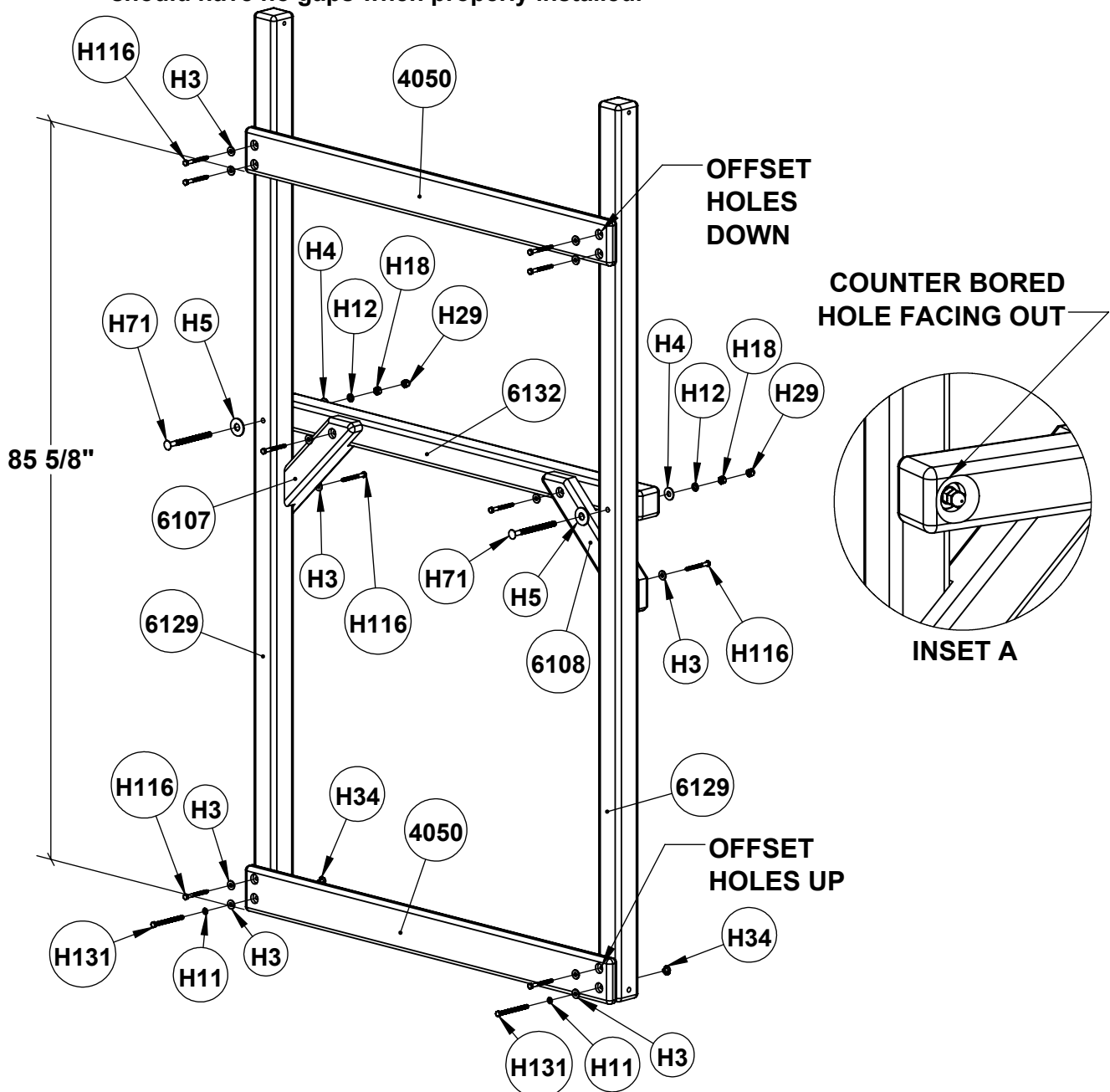
1. Using a 9/16" drill bit, match drill through counter bored holes in Uprights (6174), through Uprights (6129).  
**\*NOTE:** Be sure prior to match drilling, outside faces of Uprights (6129) (6174) are flush.  
**\*NOTE:** If installing "Double Deep" sandbox under lower level side of set, a 1 1/2" diameter counter bore, 1 1/16" deep will have to be drilled in bottom two holes drilled in #1, in Uprights (6129).
2. Finish attaching Uprights (6129) to Uprights (6174), through previously drilled holes, using 3/4" Hardware (H5) and 1/2" Hardware (H4) (H12) (H18) (H29).  
**\*NOTE:** If counter bored holes were drilled for "Double Deep" sandbox, reverse the hardware shown below, and do not install 1/2" Hardware (H29).
3. Position Left and Right Slim Brackets (6107) (6108) up against Main Beam (6132) and Uprights (6129). Attach Brackets using 3/8" Hardware (H3) (H116).  
**\*NOTE:** Adjoining faces of Brackets (6107) (6108), Main Beam (6132) and Uprights (6129) should have no gaps when properly installed.



# Step 7

## Lower Level Wall Assembly

1. Pound 3/8" T-Nuts (H34) into bottom holes in backs of Corner Uprights (6129). Attach 4 Hole Facia (4050) to Corner Uprights (6129) using 3/8" Hardware (H3) (H11) (H34) (H131). Insert 3/8" Hardware in bottom holes only. Ends and bottom of 4 Hole Facia (4050) must be flush with Corner Uprights (6129) and facia must be oriented as shown with offset holes up, when properly installed.
  2. Measure up 85 5/8" and attach 4 Hole Facia (4050) to Corner Uprights (6129) using 3/8" Hardware (H3) (H116). Offset holes in 4 Hole Facia must be down (as shown) when properly installed.
  3. Attach Main Beam (6132) to Corner Uprights (6129) using 3/4" Hardware (H5) and 1/2" Hardware (H4) (H12) (H29) (H71). Ensure Main Beam (6132) is positioned with counter bored holes out (as shown in Inset A).
  4. Check that Wall Assembly is plumb and square and insert 3/8" Hardware (H3) (H116) into top holes of 4 Hole Facia (4050).
  5. Install Left and Right Slim Brackets (6107) (6108) up against Corner Uprights (6129) and Main Beam (6132) and attach using 3/8" Hardware (H3) (H116).
- \*NOTE: Faces of Slim Brackets (6107) (6108), Main Beam (6132) and Corner Uprights (6129) should have no gaps when properly installed.**

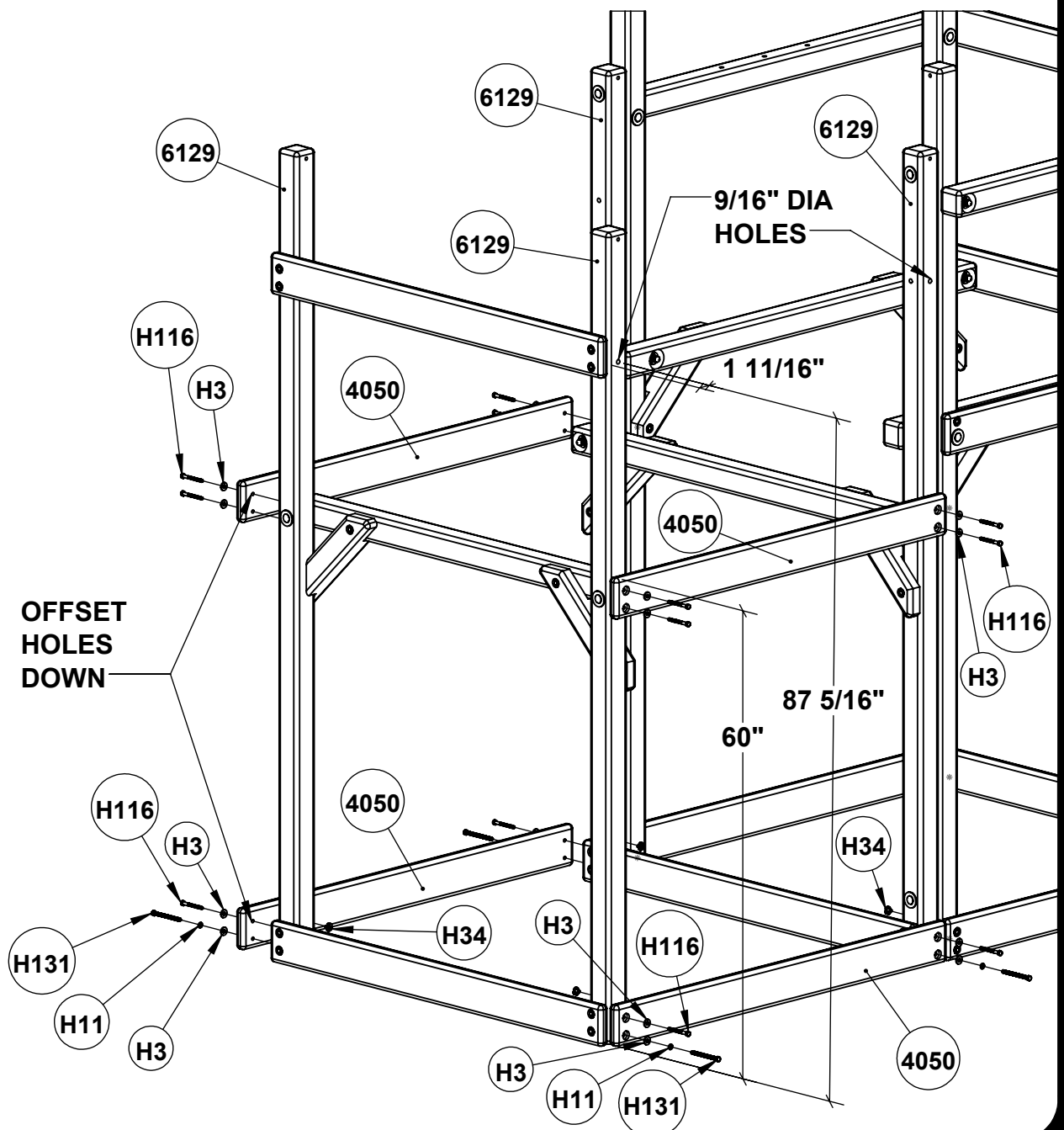


# Step 8

## Lower Level Wall Assembly

1. Pound 3/8" T-Nuts (H34) into bottom holes in backs of Corner Uprights (6129). Attach 4 Hole Facias (4050) to Corner Uprights (6129) using 3/8" Hardware (H3) (H11) (H34) (H131). Insert 3/8" Hardware in bottom holes only. Ends and bottom of 4 Hole Facia (4050) must be flush with Corner Uprights (6129) when properly installed.
2. Measure up 60" and attach 4 Hole Facias (4050) to Corner Uprights (6129) using 3/8" Hardware (H3) (H116). Ends of Facias must be flush with outside faces of Uprights and oriented as shown, with offset holes down.
3. Check that Wall Assembly is plumb and square and insert 3/8" Hardware (H3) (H116) into top holes of 4 Hole Facias (4050).
4. On front two Corner Uprights (6129), measure up 87 5/16" and drill a quantity of two 9/16" diameter holes using a 9/16" drill bit.

**\*NOTE: Holes must be drilled in center of Corner Uprights (6129) when properly drilled.**





# Step 9

## Lower Level Wall Assembly

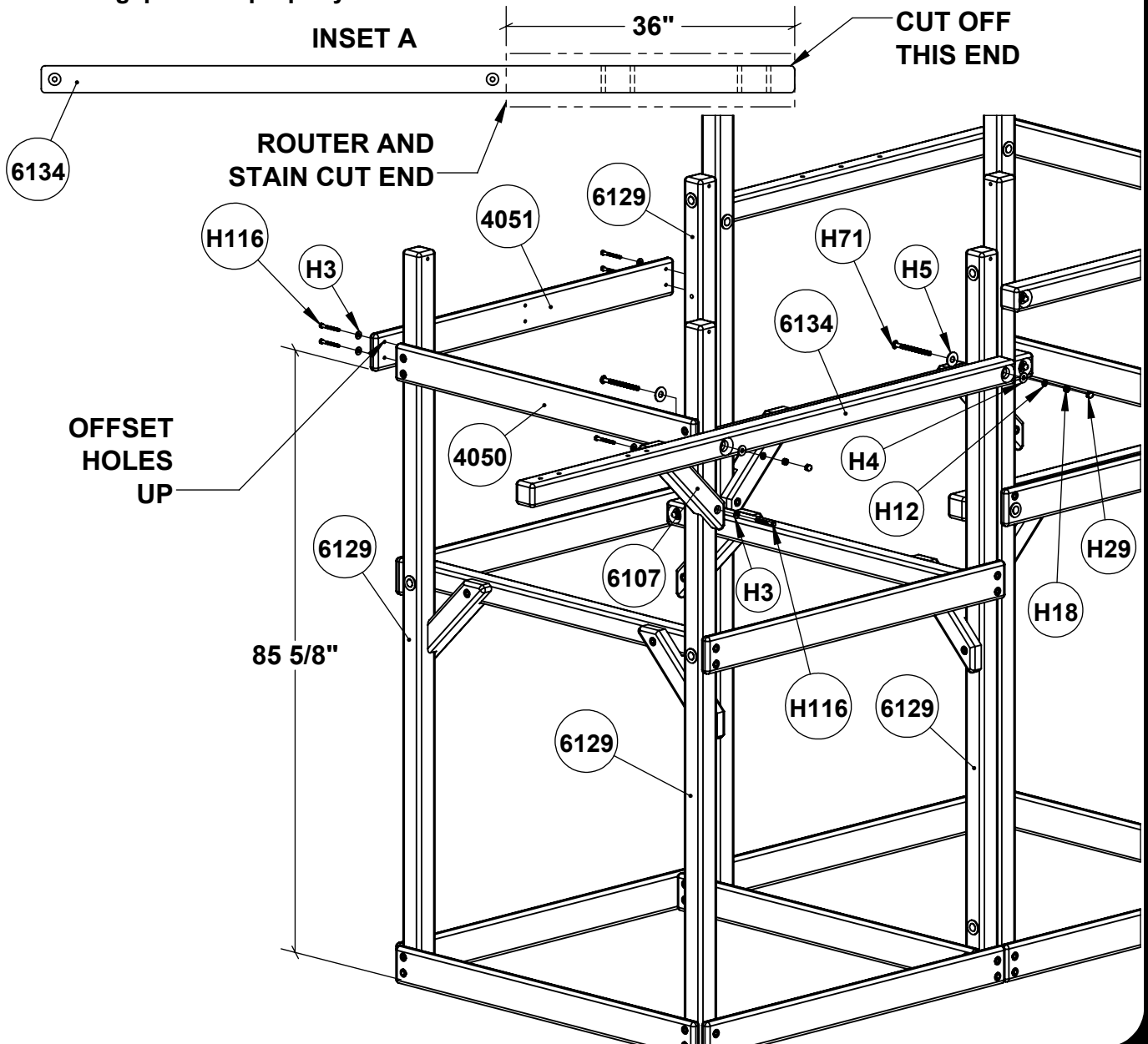
**\*NOTE:** Depending on your set configuration, the Accessory Arm (6134) may need to be cut down. Refer to Inset A for modification instructions.

1. Measure up **85 5/8"** and attach 6 Hole Facia (4051) to Corner Uprights (6129) using 3/8" Hardware (H3) (H116). Be sure that Facia is flush with outside faces of Uprights and oriented as shown with offset holes up.

**\*NOTE:** Top of 6 Hole Facia (4051) will be flush with top of 4 Hole Facia (4050) when properly installed.

2. Position Accessory Arm (6134) against Corner Uprights (6129), lining up holes in Accessory Arm with previously drilled holes in Uprights. Attach Accessory Arm using 3/4" Hardware (H5) and 1/2" Hardware (H4) (H12) (H18) (H29) (H71).
3. Position Right Slim Bracket (6107) up against Accessory Arm (6134) and Corner Upright (6129) and attach using 3/8" Hardware (H3) (H116).

**\*NOTE:** Adjoining faces of Slim Bracket, Accessory Arm and Corner Upright should have no gaps when properly installed.



# Step 10

## Run Through Facia & Double Deep Sandbox Installation

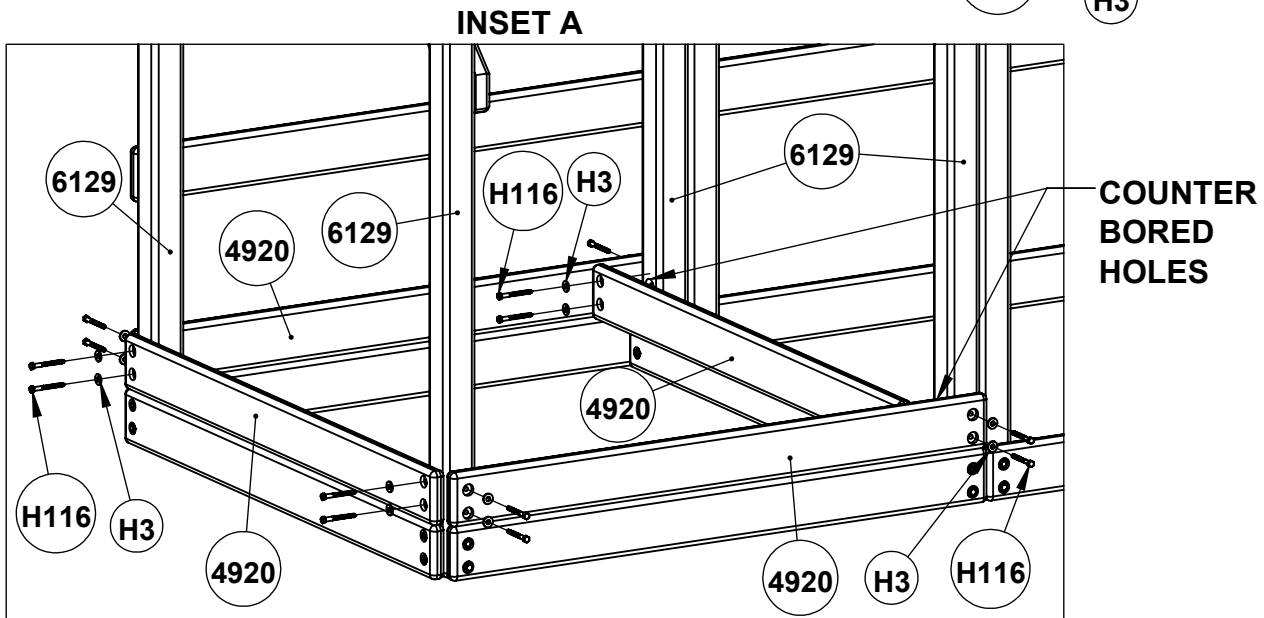
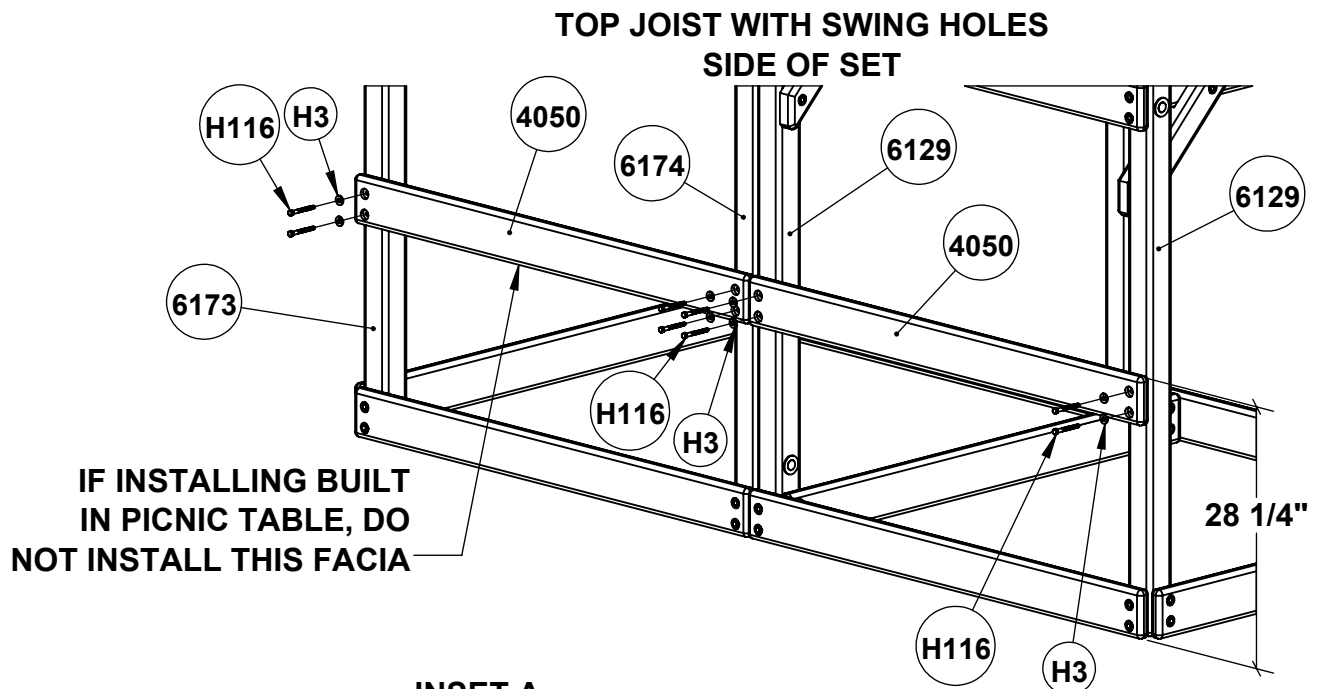
1. On Top Joist with Swing Holes (6131) side of set, position 4 Hole Facias (4050) against Uprights (6173) (6174) (6129), up 28 1/4" from bottom of Uprights. Attach 4 Hole Facias using 3/8" Hardware (H3) (H116).

\*NOTE: If installing built in Picnic Table, do not install one 4 Hole Facia (4050) (as shown).

\*NOTE: If not installing Double Deep Sandbox, skip to next step.

2. Position 4 Hole Facias (4920) directly on top of previously installed 4 Hole Facias (4050) and attach to Uprights (6129) using 3/8" Hardware (H3) (H116) (as shown in Inset A).

\*NOTE: Counter bores should have been drilled in Step 6 so that inside 4 Hole Facia (4920) will sit flush against Uprights (6129).



# Step 11

## Picnic Table Installation

**\*NOTE: If not installing Picnic Table, skip to Step 13.**

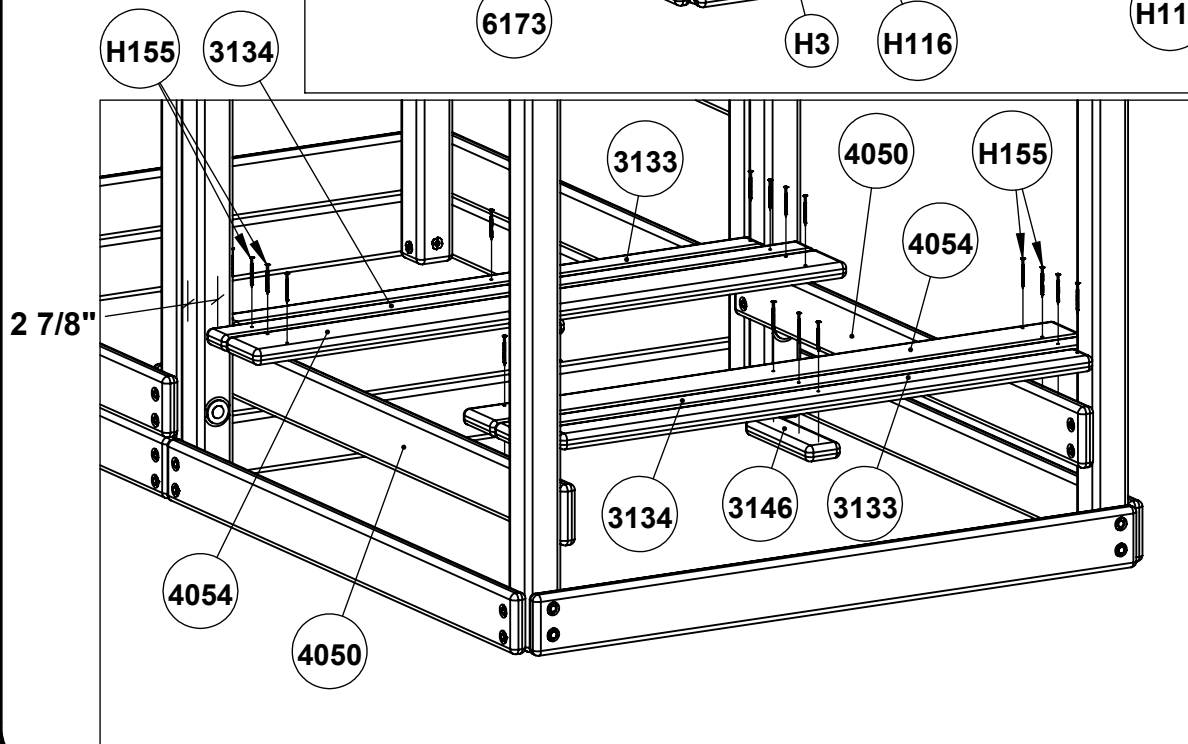
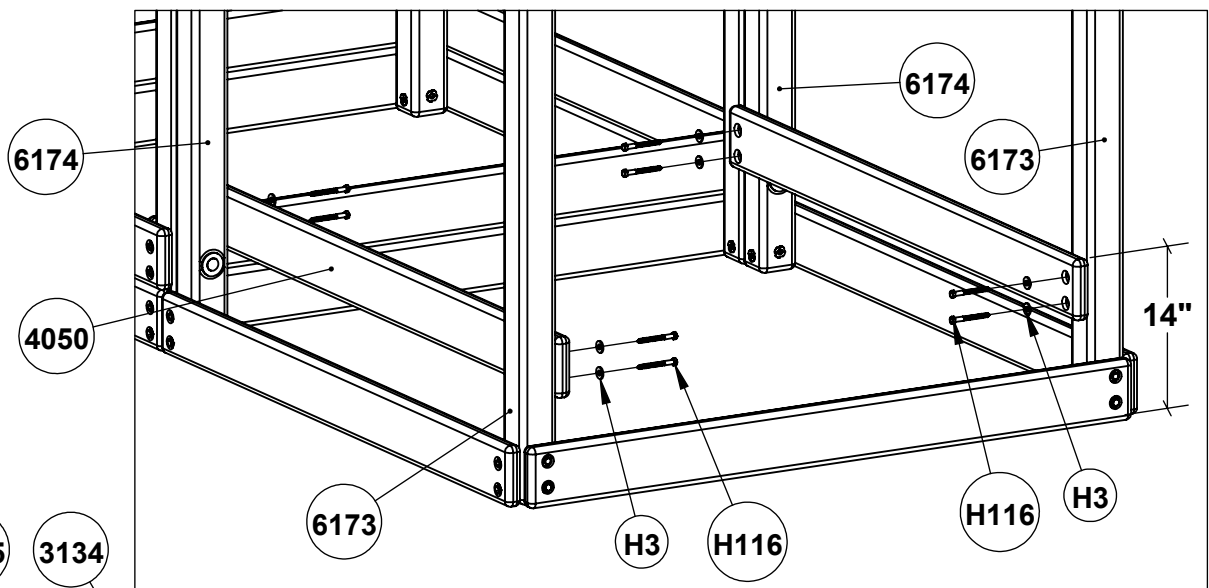
1. Measure up **14"** from bottom of Corner Uprights (**6129**) and attach 4 Hole Facias (**4050**) to Corner Uprights (**6173**) (**6174**) using  $3/8"$  Hardware (**H3**) (**H116**).

**\*NOTE: 4 Hole Facias (4050) must run in the same direction as the Main Beams (6175).**

2. Layout and attach Short Picnic Seat Boards (**3133**), Picnic Seat Boards (**3134**) and Picnic Table Boards (**4054**) to 4 Hole Facias (**4050**) using #8 Hardware (**H155**).

**\*NOTE: Picnic Seat Boards (3134) (4054) should overhang 4 Hole Facias (4050)  $2\ 7/8"$  (as shown) when properly installed.**

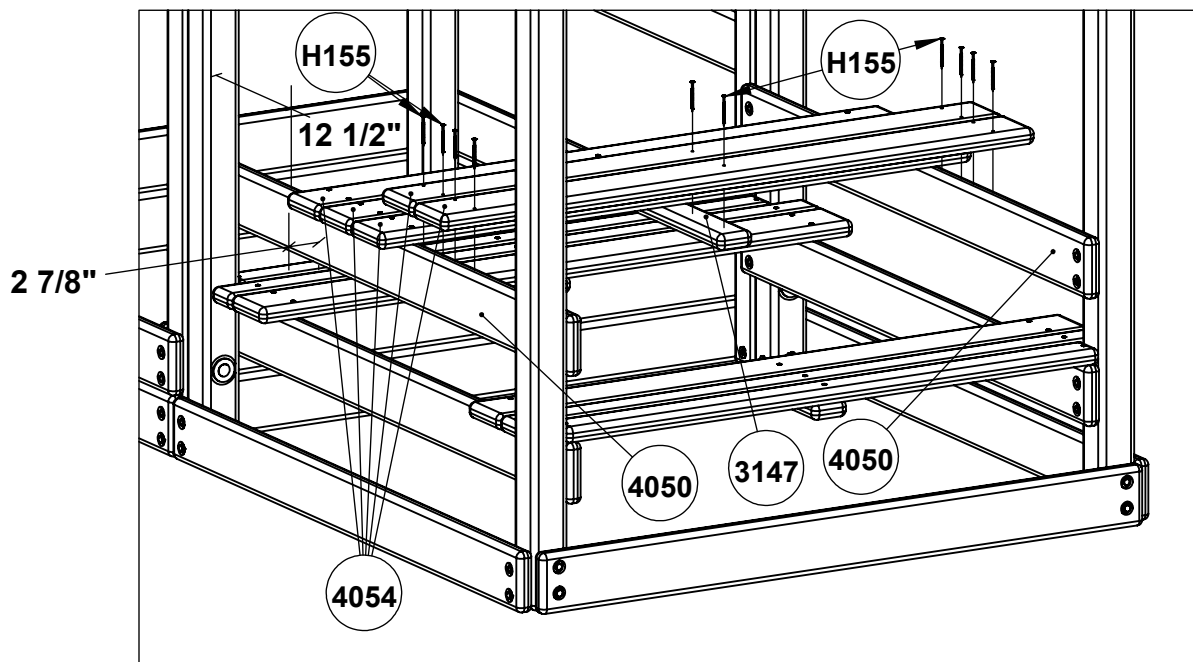
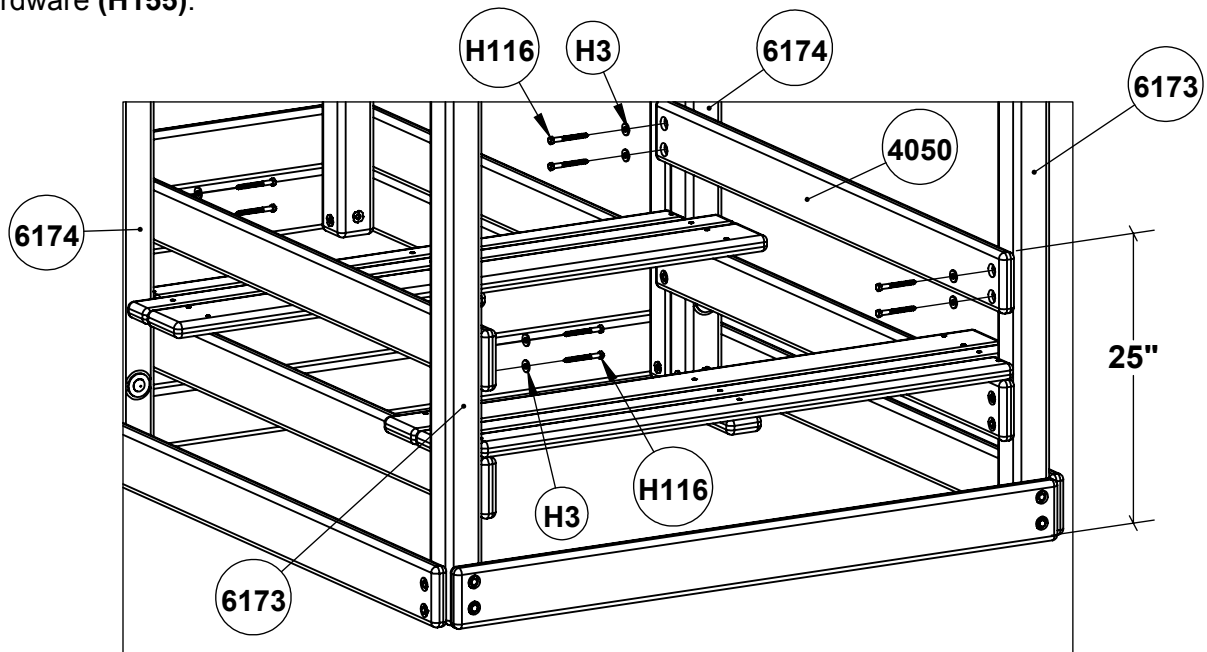
3. Center Seat Runners (**3146**) on underside of Picnic Seat Boards (**3133**) (**3134**) (**4054**) and attach using #8 Hardware (**H155**).



# Step 12

## Picnic Table Installation

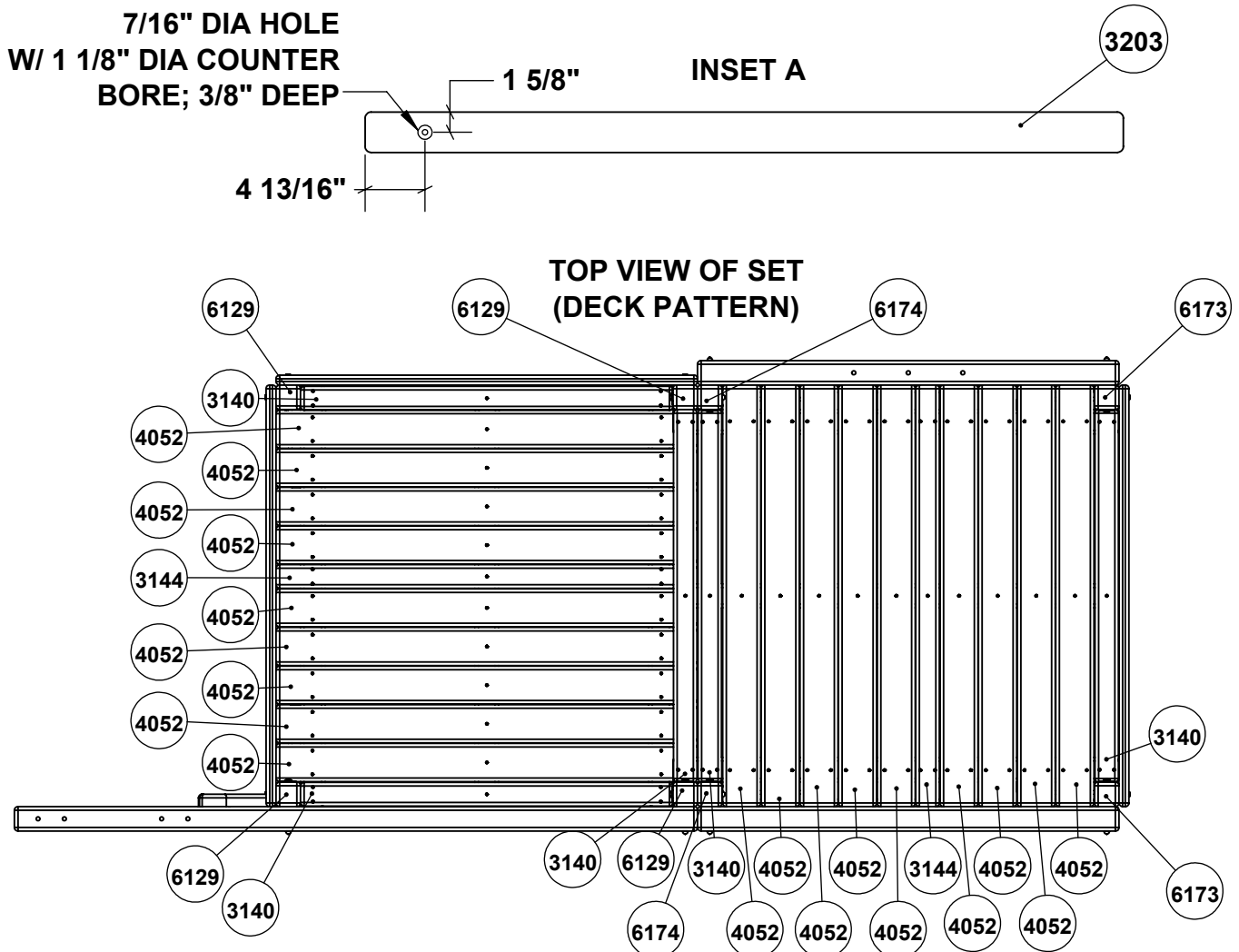
1. Measure up from bottoms of Corner Uprights (6173) (6174) 25" and attach 4 Hole Facias (4050) to Corner Uprights (6173) (6174) using 3/8" Hardware (H3) (H116).
2. Layout and attach Picnic Table Boards (4054) to 4 Hole Facias (4050) using #8 Hardware (H155).  
\*NOTE: Picnic Table Boards (4054) should overhang 4 Hole Facias 2 7/8" (as shown) when properly installed.  
\*NOTE: Picnic Table Boards (4054) should be pushed up tight to each other and measure 12 1/2" from Corner Uprights (6173) (6174) (as shown) when properly installed.
3. Center Table Runner (3147) on underside of Picnic Table Boards (4054) and attach using #8 Hardware (H155).



# Step 13

## Deck Installation

- Layout and evenly space Deck Boards (3140) (3144) (4052) across Main Beams (6132) (6175) referring to pattern shown below. Attach Deck Boards to Main Beams using #8 Hardware (H155).
  - \*NOTE:** Deck Boards (3140) (3144) (4052) must be flush with faces of Corner Uprights (6129) (6173) (6174) when properly installed.
  - \*NOTE:** If installing tarp option, a 7/16" diameter hole with a 1 1/8" diameter counter bore, 3/8" deep will have to be drilled in one end of Deck Runner (3203).
- Center and attach Deck Runner (3203), on underside of upper deck, using #8 Hardware (H155).
  - \*NOTE:** If installing Tarp Option, be sure to orient Deck Runner so that the counter bored hole is towards middle of set as shown. Counter bored hole should line up with center hole of Short Deck Board (3140) when properly installed.
  - \*NOTE:** If Center Posts (6133) (6140) are being mounted through the Deck, because the Corner Facia (3139) is not being mounted, the Deck Runner (3141) will need to be modified and can be drilled prior to installation. Refer to Step 16 for modification instructions.
- Center and attach Deck Runner (3141), on under side of lower Deck using #8 Hardware (H155).
  - \*NOTE:** If Deck Runner (3141) has been modified, do not install #8 Hardware in center hole of Short Deck Board (3140).

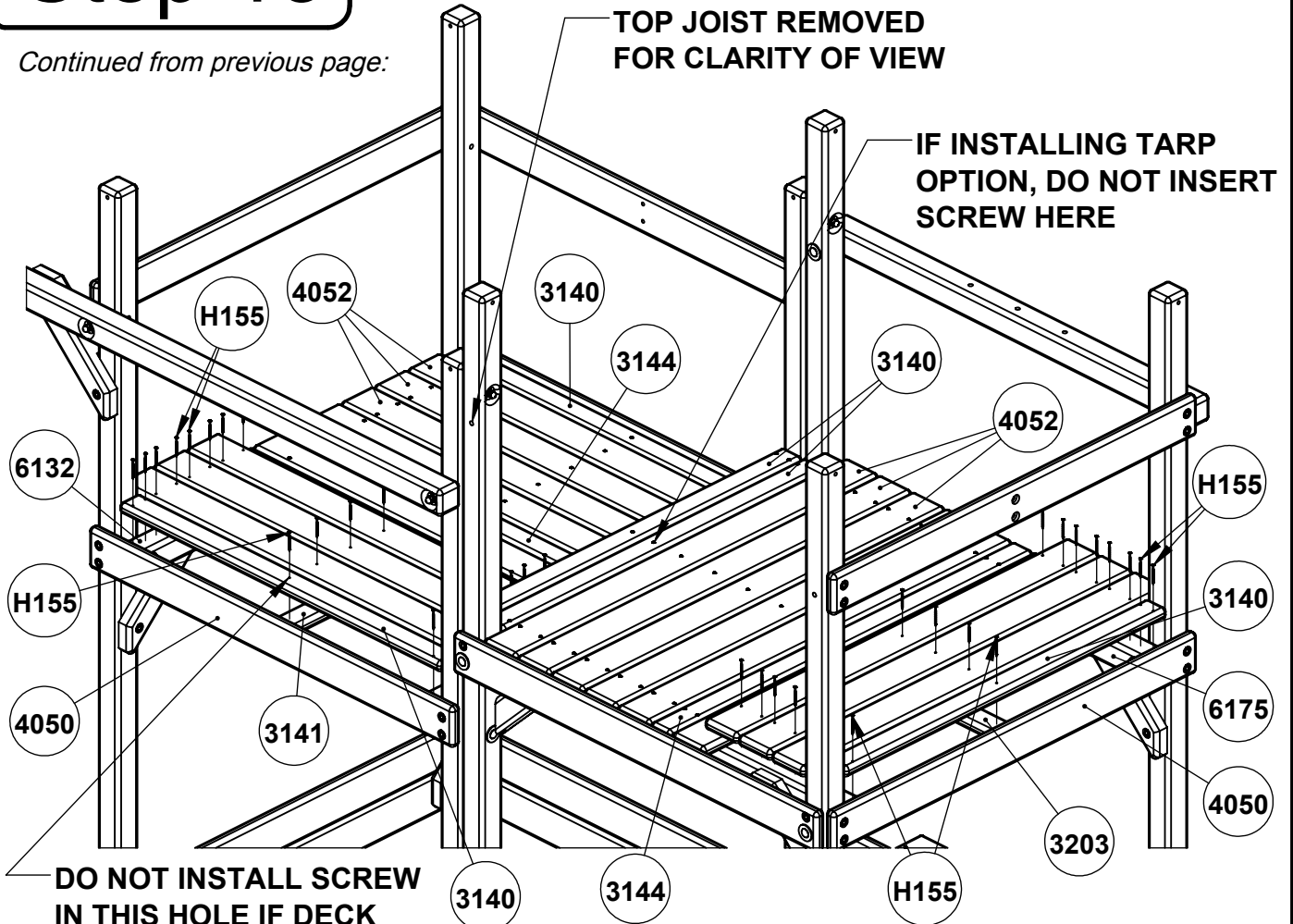


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# Step 13

## Deck Installation

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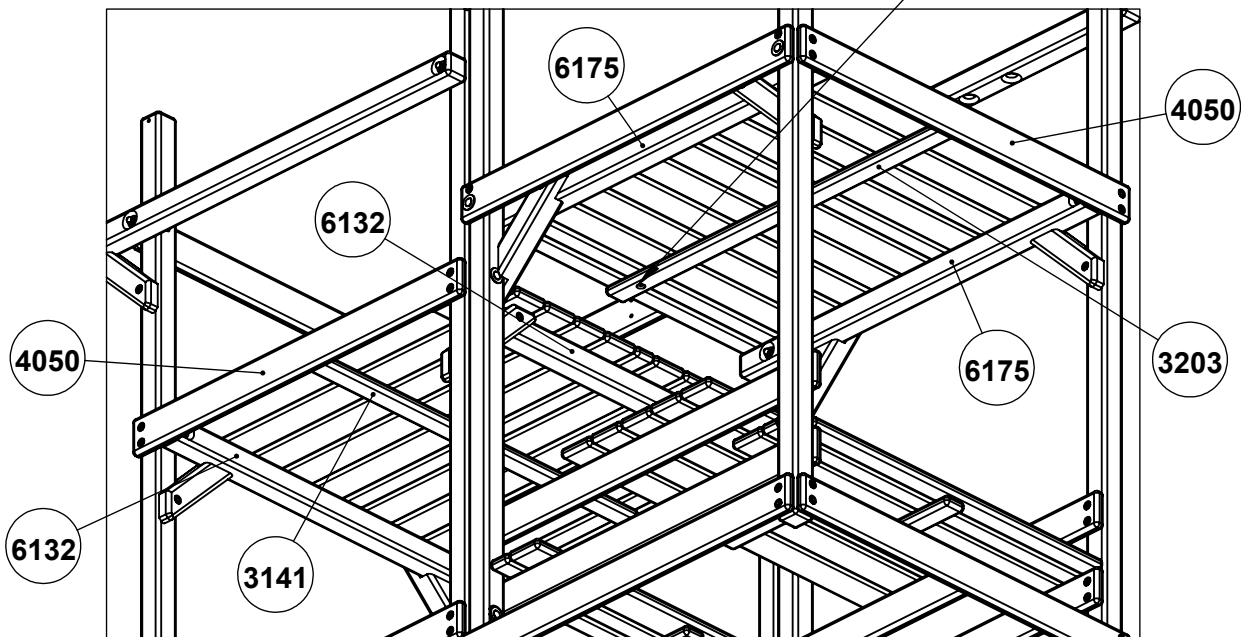


DO NOT INSTALL SCREW IN THIS HOLE IF DECK RUNNER HAS BEEN DRILLED TO MOUNT CENTER POST THROUGH DECK

IF INSTALLING TARP OPTION, DO NOT INSERT SCREW HERE

COUNTER BORED HOLE FOR TARP OPTION

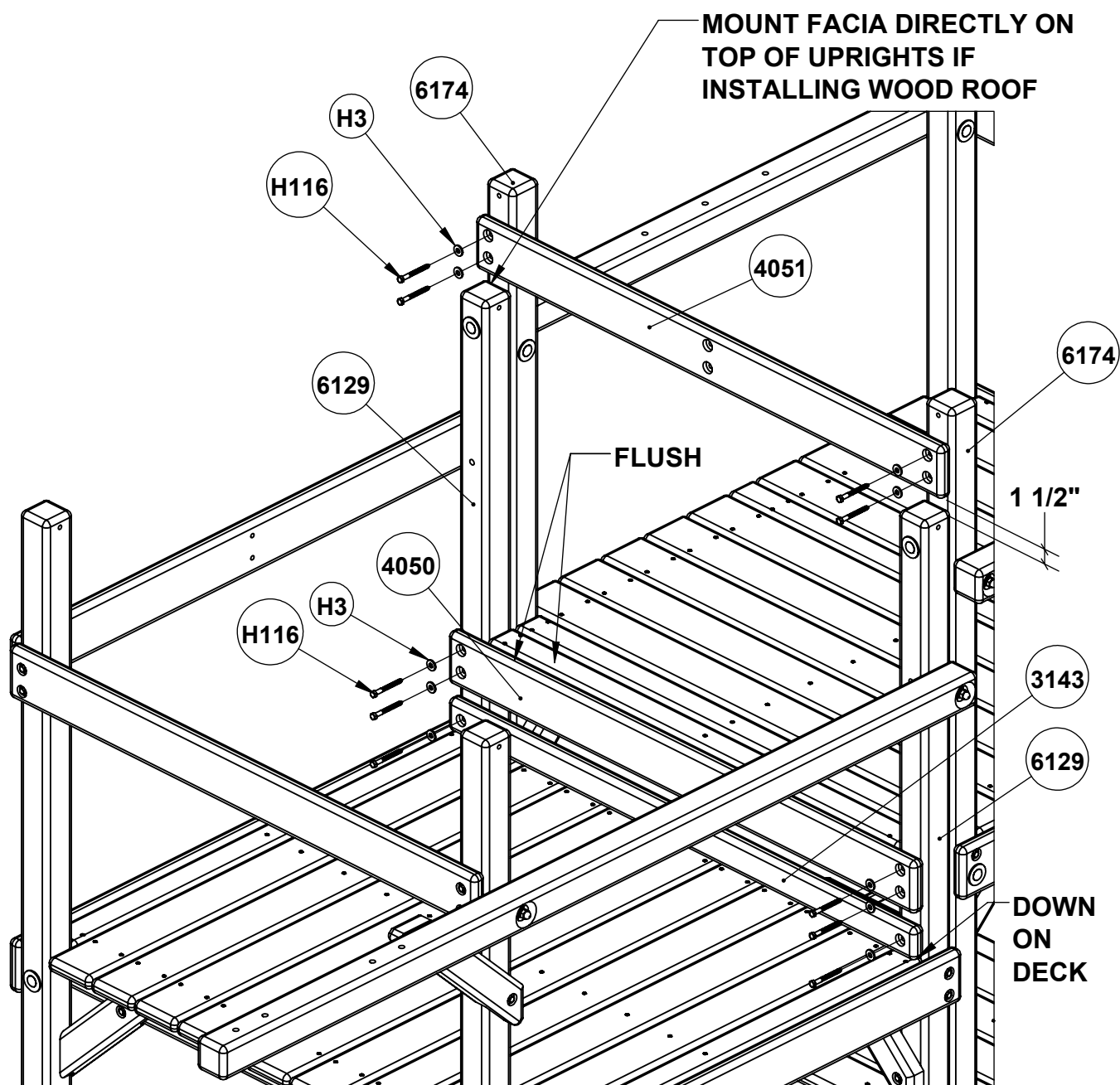
UNDERSIDE OF DECK



# Step 14

## Facia Installation

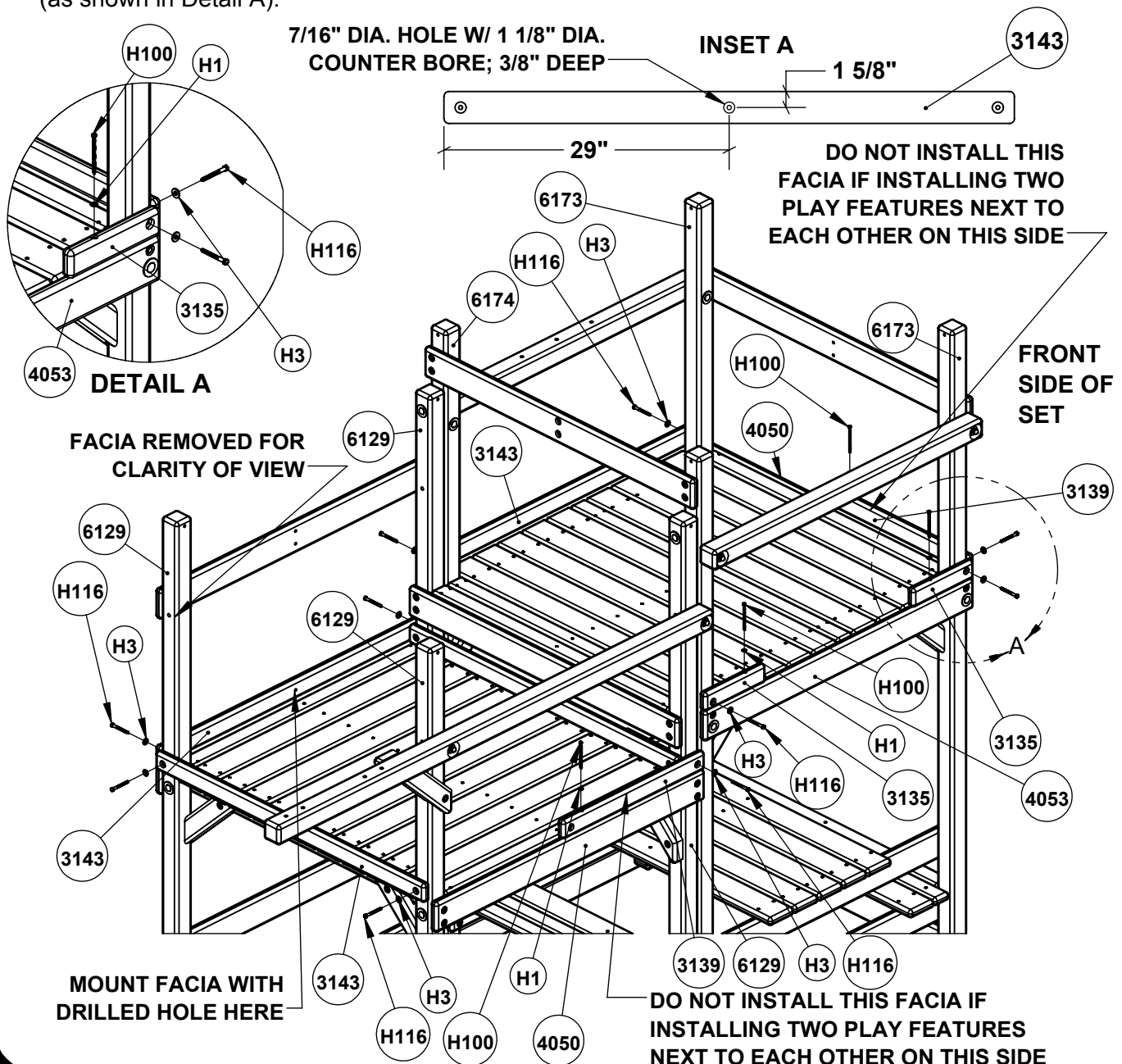
1. Position 6 hole Facia (4051) against Corner Uprights (6174), 1 1/2" up from tops of Corner Uprights (6129) and attach using 3/8" Hardware (H3) (H116).  
**\*NOTE: If installing Wood Roof, position 6 Hole Facia (4051) directly on top of Corner Uprights (6129) (as shown).**
2. Position 4 hole Facia (4050) against Corner Uprights (6129), flush with upper deck, and attach using 3/8" Hardware (H3) (H116).
3. Position 2 Hole Facia (3143) on top of lower deck, and attach to Corner Uprights (6129) using 3/8" Hardware (H3) (H116).



# Step 15

## Facia Installation

- In one 2 Hole Facia (3143), drill a 7/16" diameter hole with a 1 1/8" diameter counter bore, 3/8" deep, referring to Inset A for hole location.
  - \*NOTE:** Depending on your set configuration, Corner Facias (3139) may be flipped to opposite Upright. If installing Spiral Slide, do not install Corner Facia (3139) on front of set.
- Position Facias (3135) (3139) (3143) against Corner Uprights (6129) (6173) (6174), in locations shown. Attach Facias to Uprights using 3/8" Hardware (H3) (H116).
  - \*NOTE:** Ends of Facias must be flush with edges of Uprights, and bottoms of Facias must be flush with tops of decks when properly installed.
  - \*NOTE:** If installing two play features next to each other, in locations shown, do not install Corner Facias (3139) on that side. "Play Features" include the Fire Pole, Coil Climber, Ramp, Ladder and Slide.
- Finish attaching Corner Facias (3135) (3139) to Facias (4050) (4053) using 1/4" Hardware (H1) (H100) (as shown in Detail A).

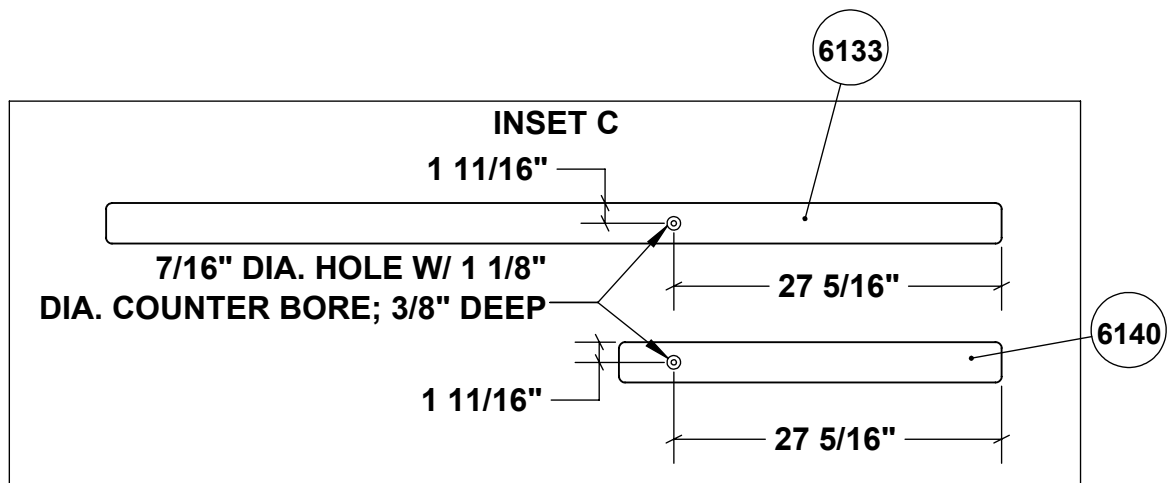




# Step 16

## Center Post Installation

1. If one or both of the 2 Hole Facias (3139) were not installed in Step 15, a  $7/16"$  DIA. hole with a  $1\ 1/8"$  DIA.,  $3/8"$  deep counter bore will have to be drilled in the Deck Runner (3141) (3203), as shown in Inset B.  
**\*WARNING:** If the screws were installed in the center holes of the Short Deck Boards (3140), in Step 13, they will have to be removed, and discarded prior to drilling Deck Runner.  
**\*NOTE:** Only drill the Deck Runner (3141) (3203) beneath the Center Post if the 2 Hole Facia has not been installed on that side.  
**\*NOTE:** If installing Wood Roof, install Short Center Posts (6140) in place of Center Posts (6133). If installing Cabin package, refer to Step 60 for Short Center Post (6140) modification instructions.
2. In one Center Post (6133) (6140) drill a  $7/16"$  DIA. hole with a  $1\ 1/8"$  DIA. counter bore,  $3/8"$  deep referring to measurements shown in Inset C.
3. Position Center Post (6133) (6140) against back of Accessory Arm (6134) and attach through Center Post using  $3/8"$  Hardware (H3) (H119). Finish attaching Center Post through 2 Hole Facia (3139) using  $3/8"$  Hardware (H3) (H116).  
**\*NOTE:** Center Post (6133) (6140) will measure  $30\ 5/8"$  from outside face of Corner Uprights be flush with end of Corner Facia (3139) when properly installed.
4. Position remaining three Center Posts (6133) (6140) against 6 Hole Facias (4051), 2 Hole Facia (3143) and Corner Facias (3139) and down on Deck. Attach Center Posts using  $3/8"$  Hardware (H3) (H116).  
**\*NOTE:** Center Posts must be flush with ends of 2 Hole Facias (as shown) and measure  $30\ 5/8"$  from outside faces of Corner Posts, when properly installed.  
**\*NOTE:** Center Post (6133) in middle of set will be attach through 6 Hole Facia and through underside of upper level deck. If installing Wood Roof, the Short Center Post (6140) will not be installed in middle of set (as shown on next page).
5. Be sure that middle Center Post (6133) is plumb and attach through underside of upper level deck using  $3/8"$  Hardware (H3) (H119) (as shown in Inset A).  
**\*NOTE:** To help prevent the Center Post (6133) from splitting, predrill through the Deck and into the Center Posts using a  $1/4"$  drill bit prior to installing  $3/8"$  Hardware (H119).
4. If attaching Center Posts (6133) (6140) through deck instead of 2 Hole Facias (3139), ensure Center Posts (6133) (6140) are plumb, and attach through drilled holes in Deck Runner and into bottoms of Center Post using  $3/8"$  Hardware (H3) (H119) using same processes shown in Inset A.

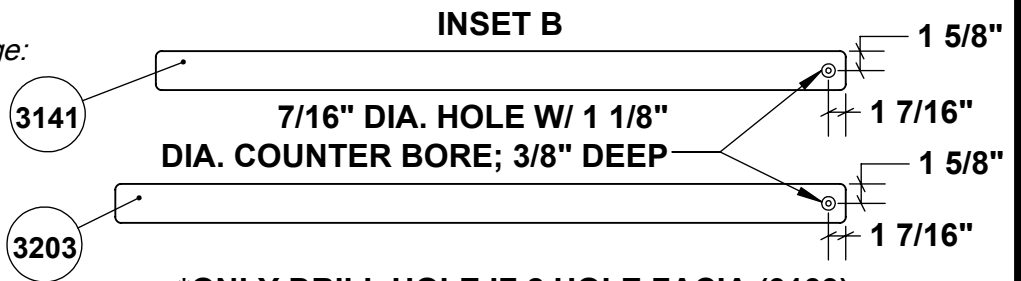


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# Step 16

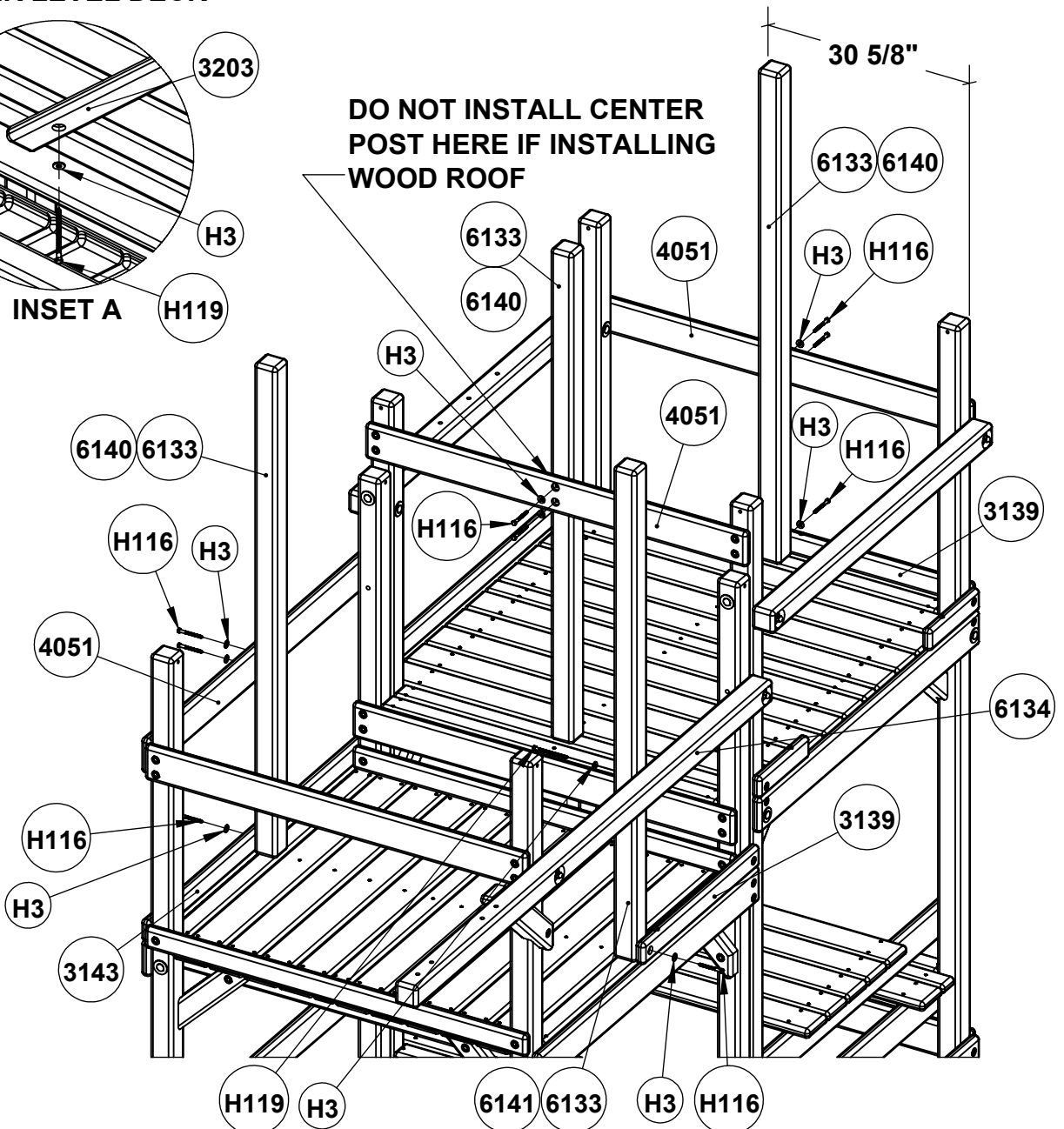
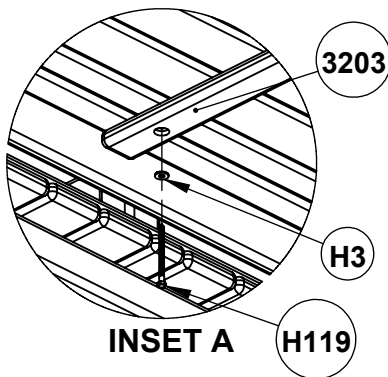
## Center Post Installation

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**\*ONLY DRILL HOLE IF 2 HOLE FACIA (3139) WAS NOT INSTALLED IN STEP 15**

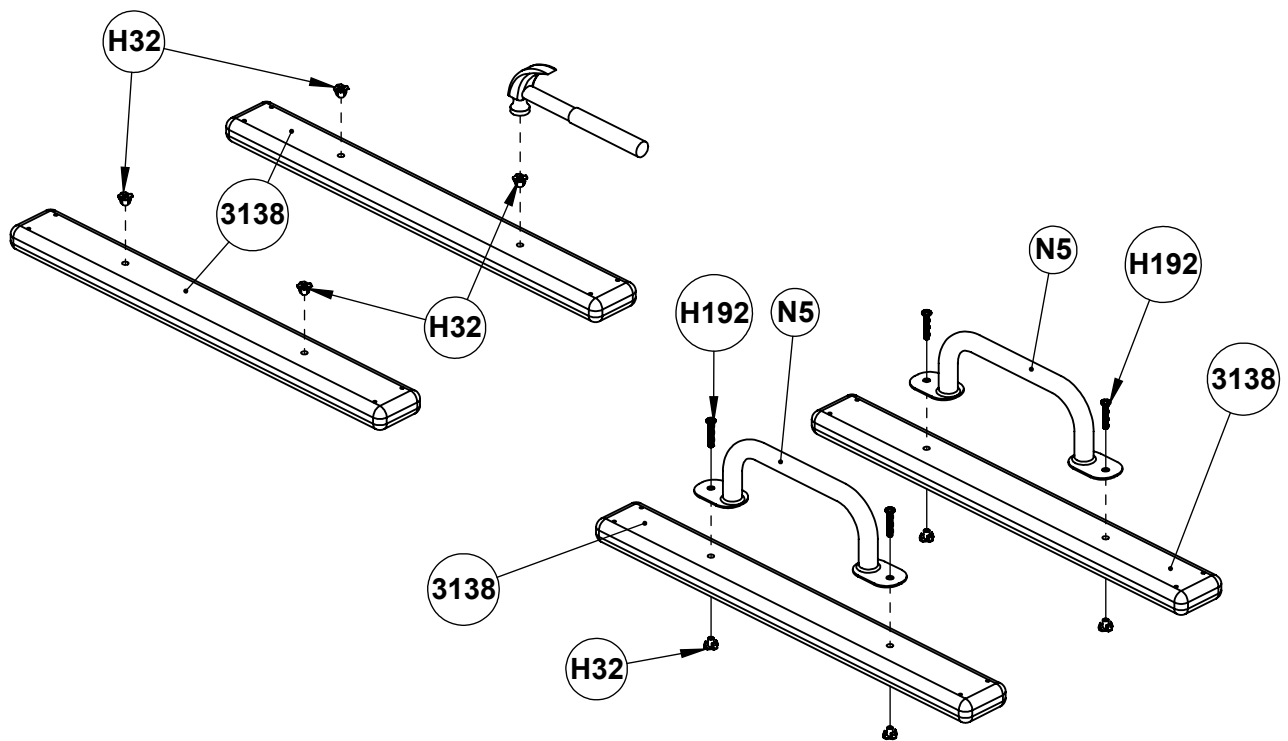
### UNDERSIDE OF UPPER LEVEL DECK



# Step 17

## Safety Handle Installation

1. Lay Rail Uprights w/ Handle Holes (**3138**) on a flat surface. Install 1/4" Hardware (**H32**) into pre-drilled holes (as shown). A small hammer or mallet may be used if necessary.
2. Flip Rail Uprights w/ Handle Holes (**3138**) and attach Safety Handles (**N5**) (as shown) using 1/4" Hardware (**H192**) and previously installed 1/4" Hardware (**H32**).



# Step 18

## Rail Upright Installation

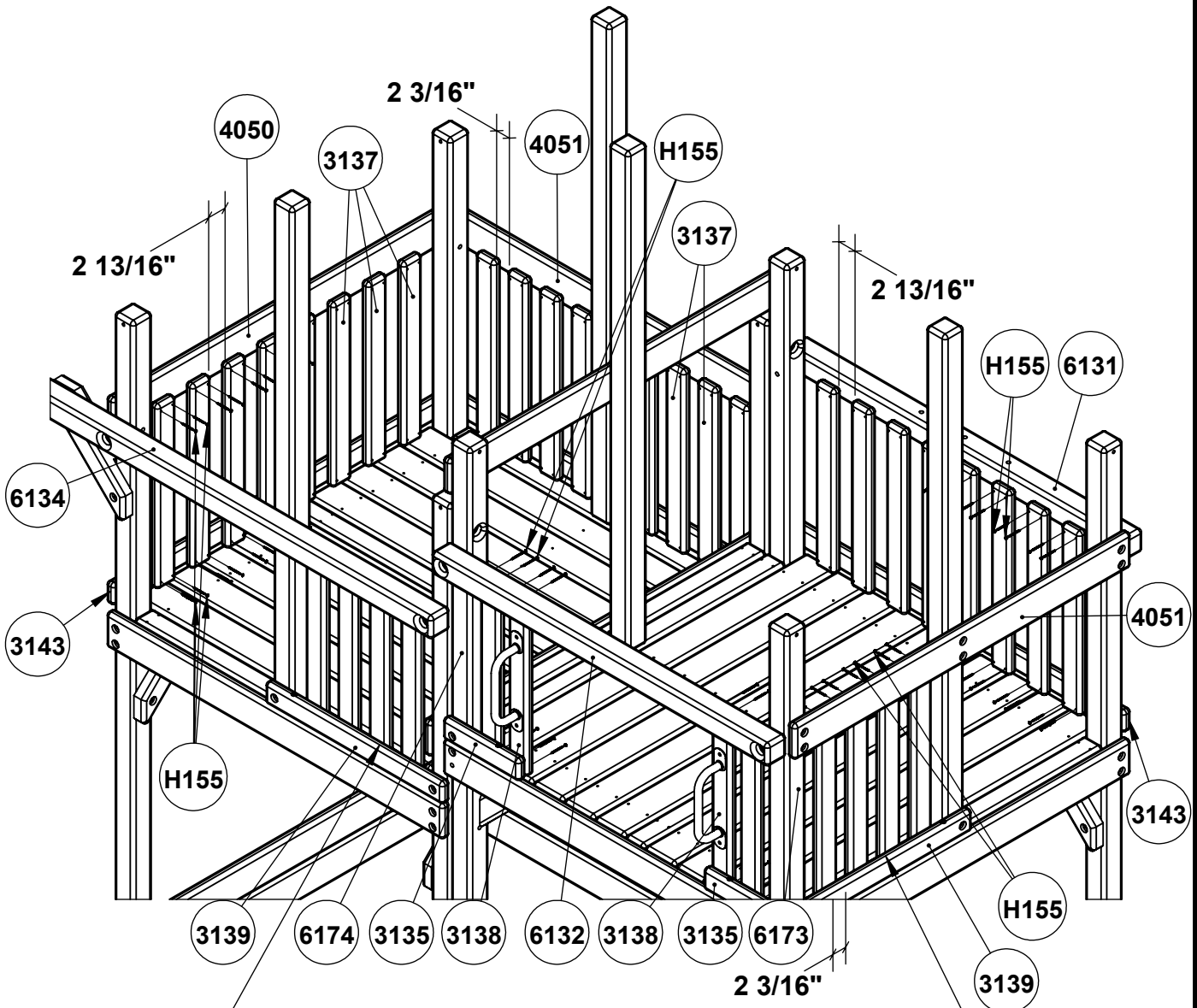
**\*NOTE:** If installing the Cabin package on Upper Level, do not install Rail Uprights (3137) (3138) on Upper Level at this time.

**\*NOTE:** When evenly spacing Rail Uprights (3137) across Top Joist w/ Swing Holes (6131) and 4 Hole Facia (4050), spacing between Rail Uprights will be approximately  $2 \frac{13}{16}$ ". When evenly spacing Rail Uprights across 6 Hole Facias (4051) and Accessory Arm (6134), spacing between Rail Uprights will be approximately  $2 \frac{3}{16}$ ".

1. Evenly space Rail Uprights (3137) across Corner Facias (3139), 2 Hole Facias (3143), 4 Hole Facia (4050), 6 Hole Facias (4051), Top Joist (6131) and Accessory Arm (6134). Attach Rail Uprights using #8 Hardware (H155).

**\*NOTE:** If installing Monkey Bar, Ramp, Bubble Window, Tic Tac Toe, Fire Pole, Ramp or Coil Climber options, Rail Uprights (3137) will be installed in a later Step.

2. Position Rail Uprights with Handle Holes (3138) against Top Joist (6132) and Corner Facias (3135), flush with ends of Corner Facias (3135), and attach using #8 Hardware (H155).
3. Center and attach a Rail Upright (3137) in between each Rail Upright w/Handle Holes (3138) and Corner Uprights (6173) (6174) using #8 Hardware (H155).

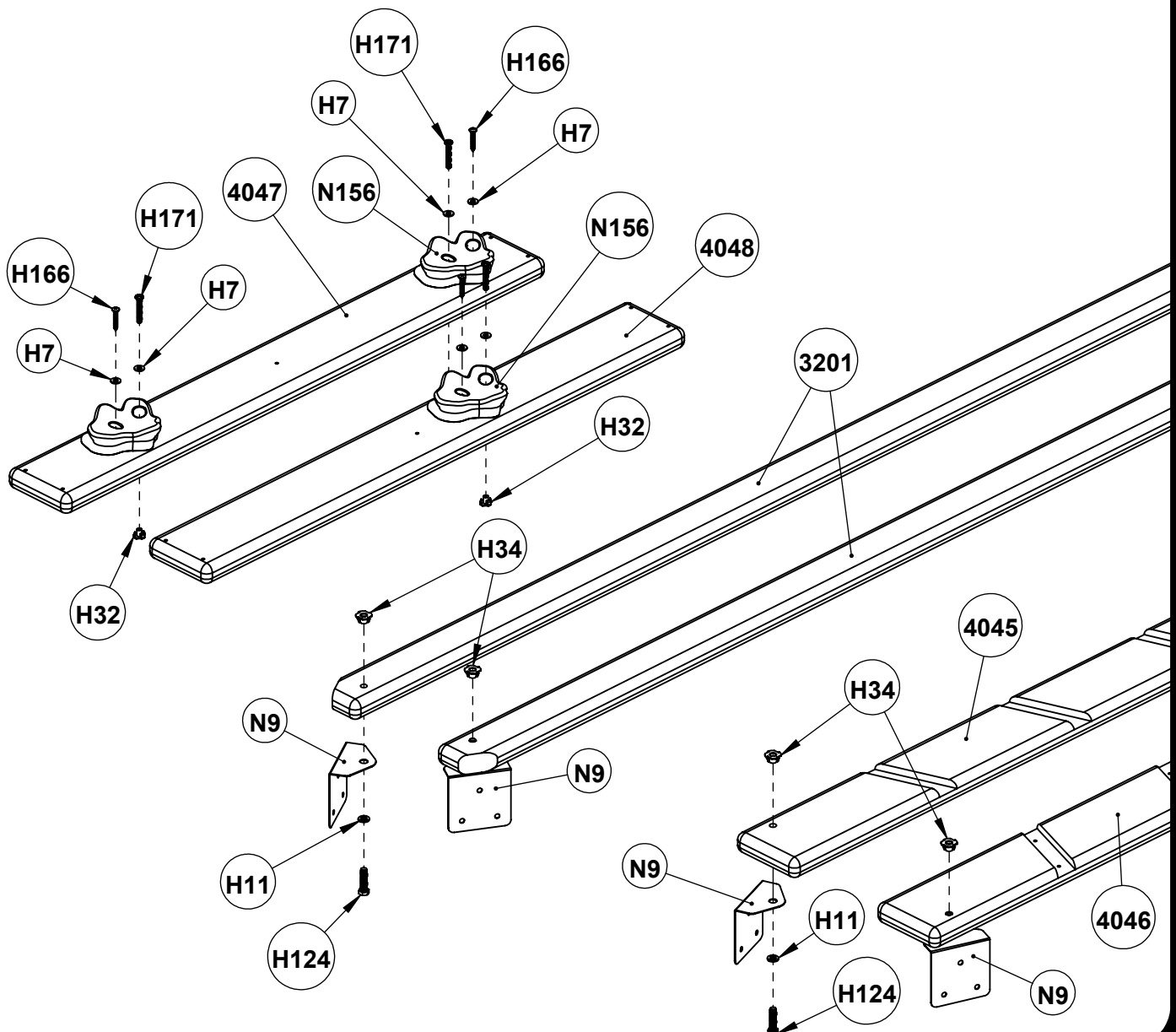


# Step 19

## Rock Wall & Step Ladder T-Nut Installation

**\*NOTE:** Do not fully tighten 3/8" Hardware (H124) in this step.

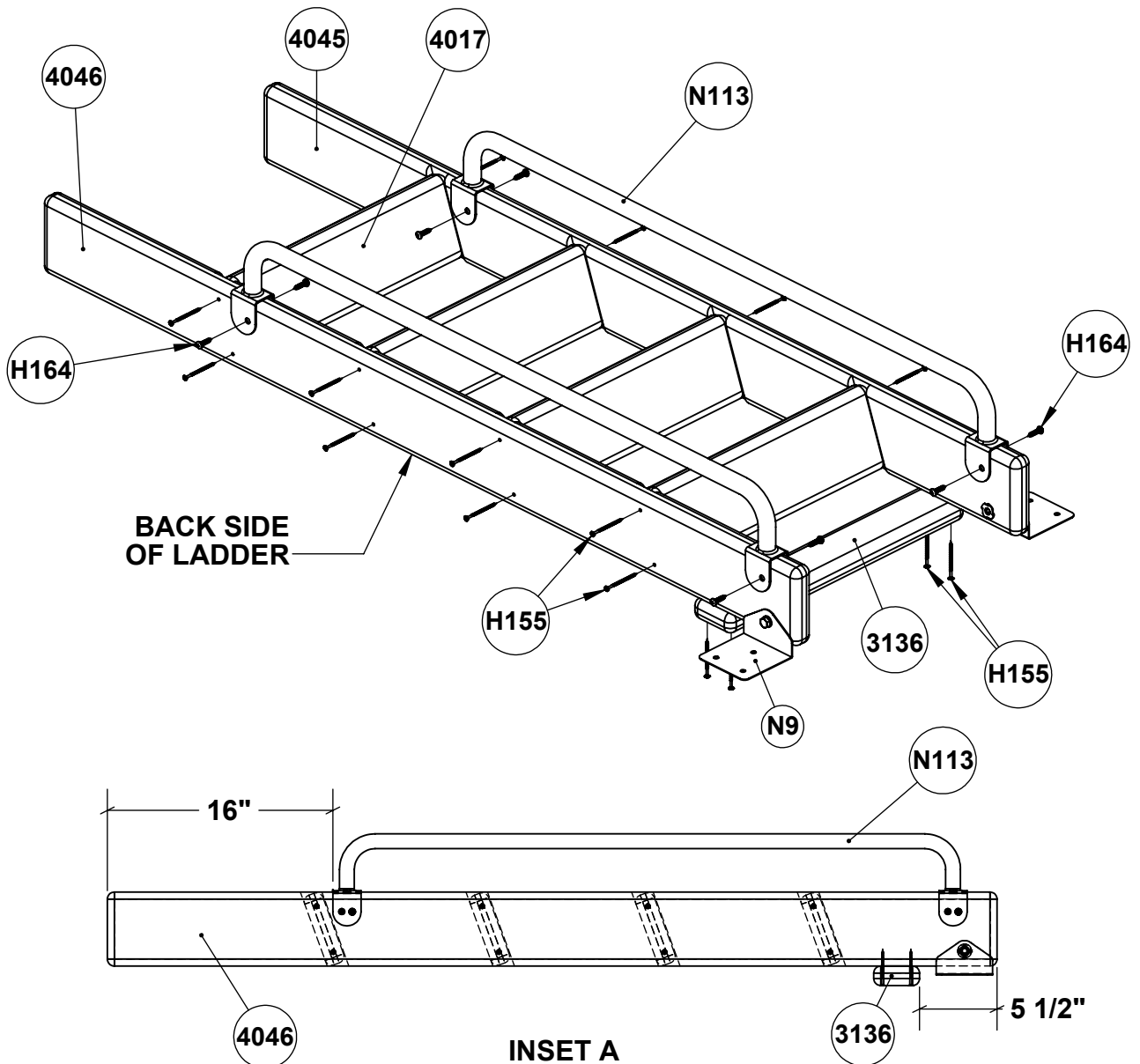
1. Position Ladder Legs (4045) (4046) and Rock Wall Legs (3201) as shown and install 3/8" Hardware (H34) into pre-drilled holes. A small hammer or mallet may be used to gently tap hardware flush with the wood.  
**\*NOTE:** Rock Wall Legs (3201) must point in opposite directions when T-Nuts (H34) are installed.
2. Install 1/4" Hardware (H32) into pre-drilled holes of Rock Wall Boards (4047) (4048). Only two Rock Wall Boards are shown; be sure to complete this step for all Rock Wall Boards.
3. Attach 90° Brackets (N9) to Ladder Legs (4045) (4046) using 3/8" Hardware (H11) (H34) (H124).
4. Attach 90° Brackets (N9) to Rock Wall Legs (3201) using 3/8" Hardware (H11) (H34) (H124).
5. Attach Rocks (N156) to Rock Wall Boards (4047) (4048) using 1/4" Hardware (H7) (H32) (H171) and #14 Hardware (H166).



# Step 20

## Step Ladder Assembly

1. Place Left Ladder Leg (4045) and Right Ladder Leg (4046) on a flat surface with the ends flush. Attach Ladder Steps (4017) to Ladder Legs (4045) (4046) using #8 Hardware (H155).
2. Attach Ladder Entrapment Board (3136) to the BACK side of Ladder, approximately 5 1/2" down, using #8 Hardware (H155).
3. Attach Step Ladder Handles (N113) to Ladder Legs (4045) (4046) approximately 16" from bottom of Ladder, using #14 Hardware (H164).



# Step 21

## Rock Wall Assembly

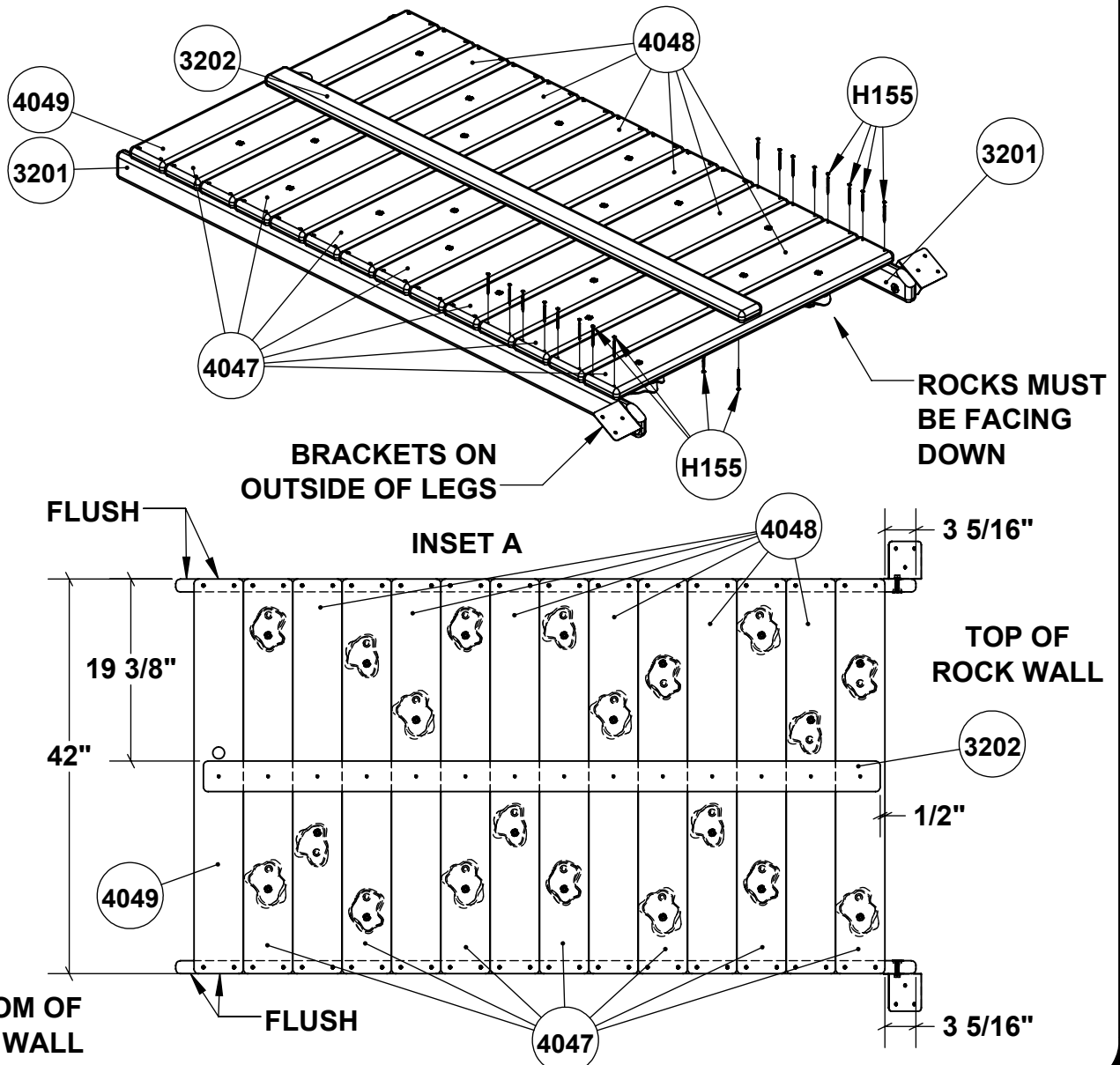
**\*NOTE: Rock Wall should be assembled on a flat surface.**

1. Position Rock Wall Legs (3201) on a flat surface 42" apart from outside face to outside face, with angle cuts facing up and previously installed Brackets facing out. Make sure ends of Rock Wall Legs are flush.
2. Position top Rock Wall Board (4047) on top of legs 3 5/16" down from ends of Rock Wall Legs (3201). Ends of Rock Wall Board must be flush with outside faces of Rock Legs. Attach Rock Wall Board (4047) to Rock Wall Legs (3201) using #8 Hardware (H155).

**\*NOTE: Previously installed Rocks must be facing down when properly installed.**

3. Layout remaining Rock Wall Boards (4047) (4048) (4049) referring to pattern shown in Inset A.
4. Ensure Rock Wall Boards are pushed up tight to each other and attach bottom Rock Wall Board with Rope Hole (4049) using #8 Hardware (H155).
5. Ensure all Rock Wall Boards are flush with Rock Wall Legs and Rock Wall is square. Attach remaining Rock Wall Boards (4047) (4048) using #8 Hardware (H155).
6. Flip Rock Wall assembly over. Center and hold Rock Wall Runner (3202) up tight to underside of Rock Wall, 1/2" down from top Rock Wall Board (4047). Attach Rock Wall Runner (3202) through front of Rock Wall using #8 Hardware (H155).

**\*NOTE: Rock Wall Runner should measure 19 3/8" from outsides of Rock Wall Legs when properly installed (as shown in Inset A).**



# Step 22

## Step Ladder Installation

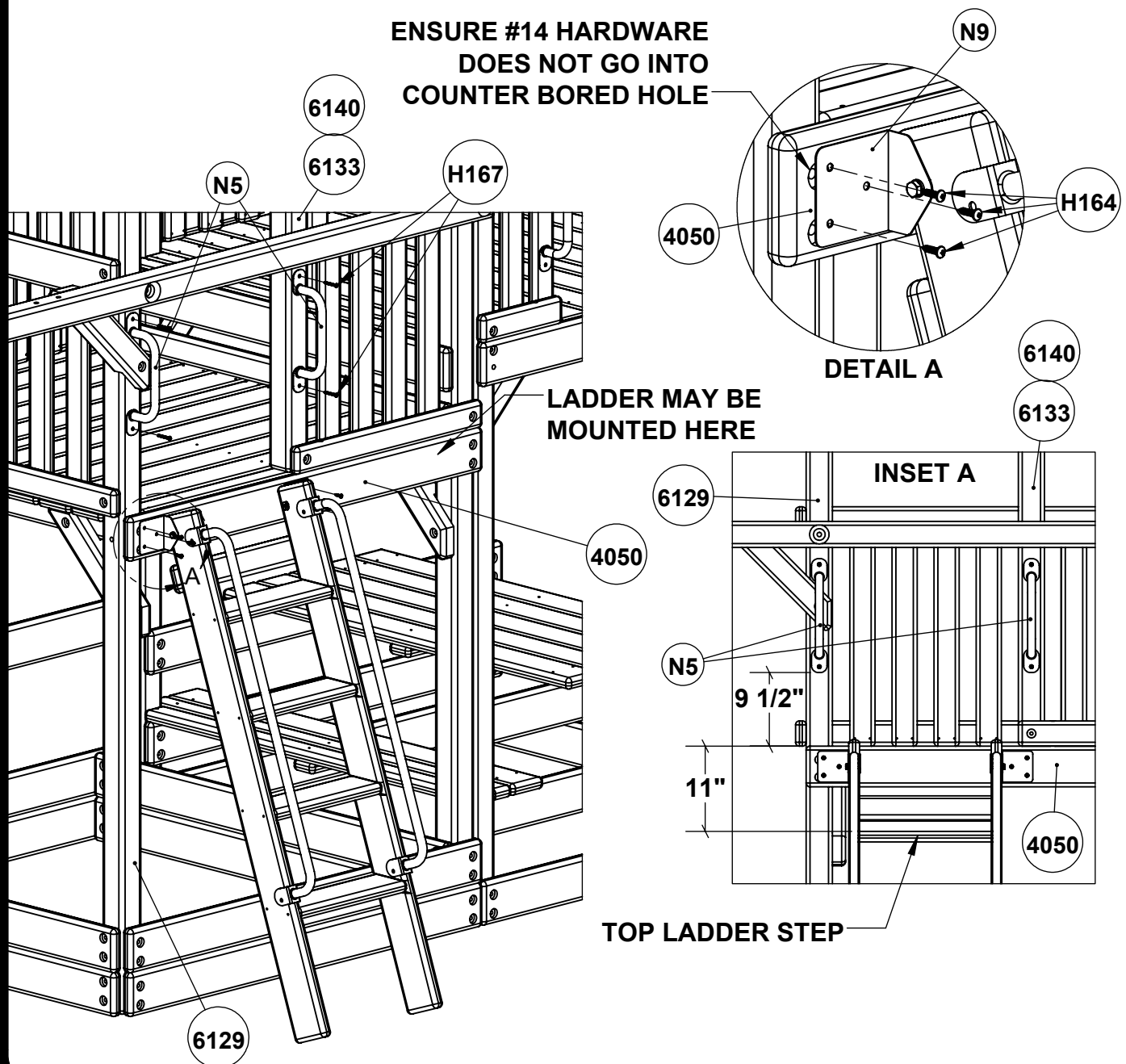
**\*NOTE:** Depending on your set configuration, it is possible to mount the ladder one opening to the right. Use the same processes shown.

1. Center Ladder Assembly between Corner Upright (6129) and Center Post (6133) (6140).
2. Ensure Ladder Steps are level and attach Ladder assembly to 4 Hole Facia (4050) through 90° Brackets (N9) using #14 Hardware (H164).

**\*NOTE:** Top Ladder Step must measure 11" from top of Deck when properly installed (as shown in Inset A).

**\*NOTE:** Ensure #14 Hardware does not go into counter bored hole in 4 Hole Facia (4050).

3. Fully tighten 3/8" Hardware in 90° Brackets (N9).
4. Measure up from deck 9 1/2" on Corner Upright (6129) and Center Post (6133) (6140) and attach Safety Handle (N5) using #14 Hardware (H167).





# Step 23

## Rock Wall Installation

1. Position assembled Rock Wall against Rock Wall Mounting Facia (4053). Ensure Rock Wall is centered in opening and attach to Rock Wall Mounting Facia (4053) using #14 Hardware (H164) (as shown in Detail A).

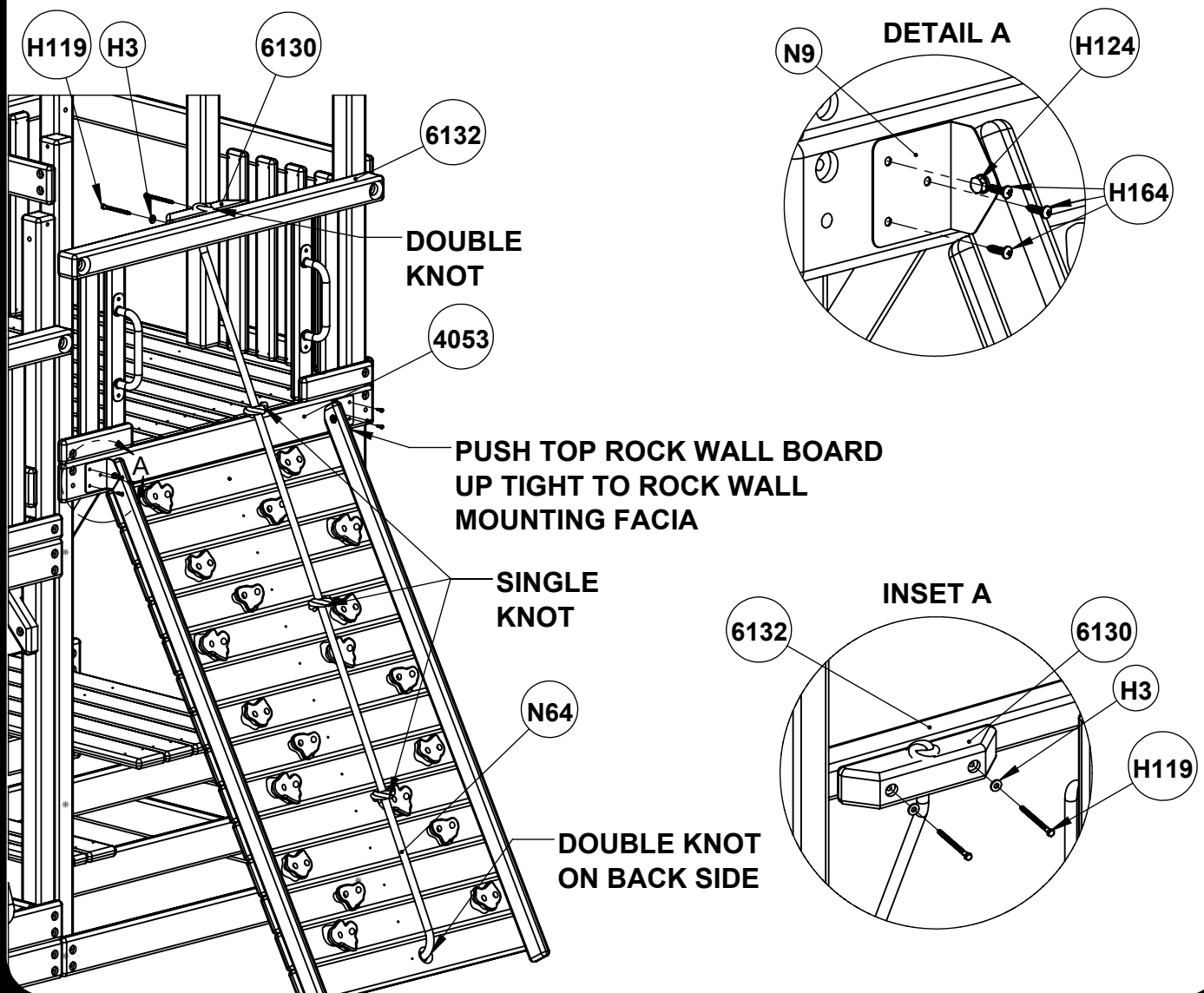
**\*NOTE: Top Rock Wall Board must be pushed up tight to Rock Wall Mounting Facia when properly installed.**

2. Fully tighten 3/8" Hardware (H124) in 90° Brackets (N9).
3. On back side of Top Joist (6132), center and attach Rope Block (6130) using 3/8" Hardware (H3) (H119) (as shown in Inset A).

**\*NOTE: Top of Rope Block must flush with top of Top Joist when properly installed.**

4. Lace Rope (N64) through bottom of Rope Block (6134) and tie a double knot on top side of Rope Block. Tie a **qty. of three**, equally spaced, single knots in Rope. Lace end of Rope through bottom Rock Wall Board and tie a double knot in back side.

**\*WARNING: To prevent the risk of strangulation, three knots must be tied in rope and rope must be secured 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.**

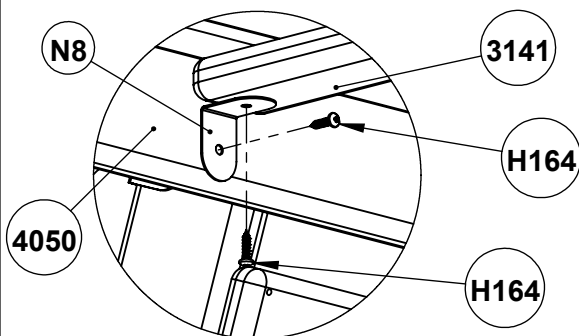


# Step 24

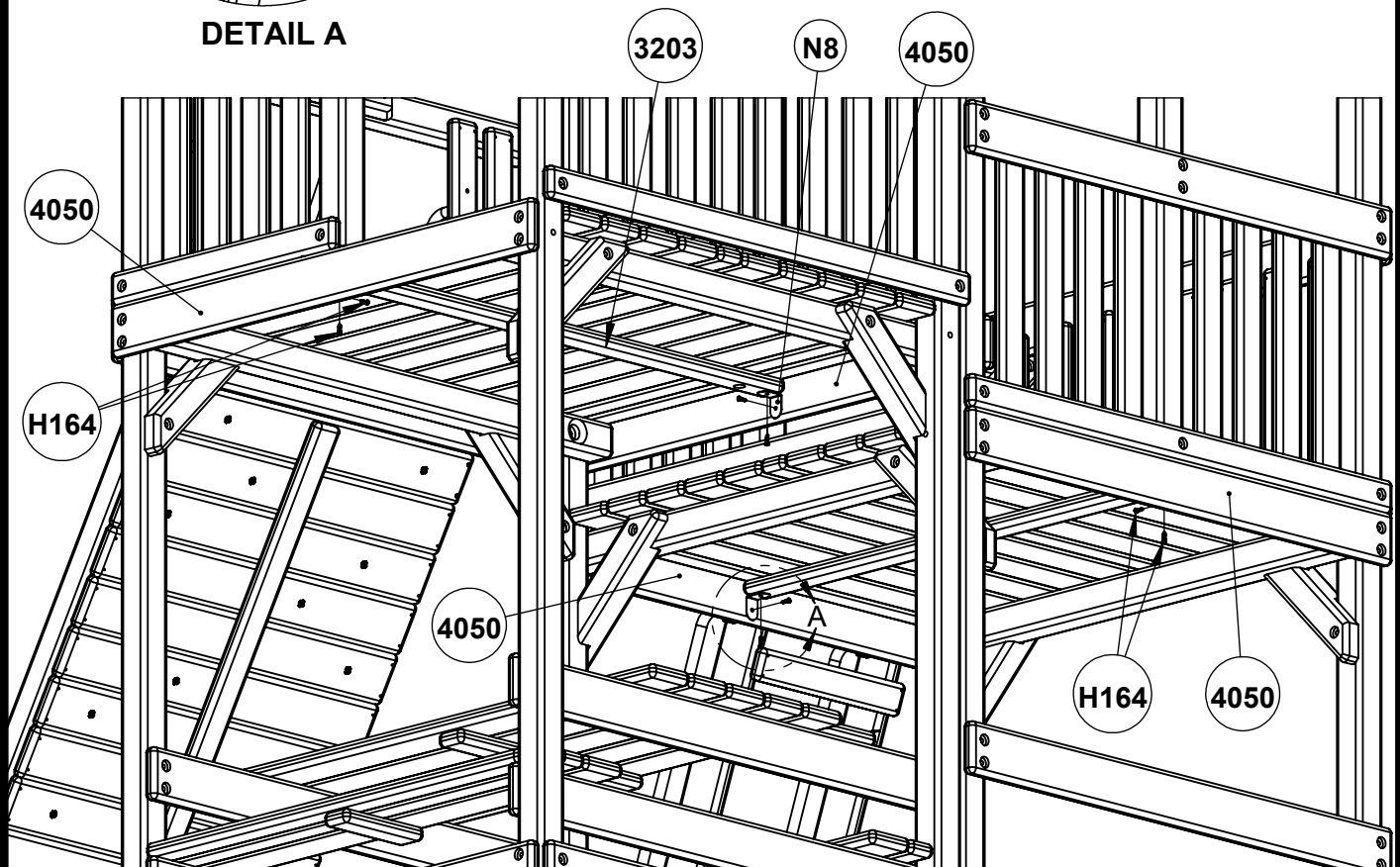
## 90° Bracket Installation

1. Position 90° Brackets (**N8**) on underside of Deck Runners (**3141**) (**3203**), up against 4 Hole Facias (**4050**). Attach Brackets to Runners and Facias using #14 Hardware (**H164**) (as shown in Detail A).

**\*NOTE:** If Center Posts (**6133**) (**6140**) were attached through Deck Runners (**3141**) (**3203**), 90° Brackets will have to be offset on Runners to avoid previously drilled counter bored holes.



DETAIL A



# Step 25

## 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 counter bored holes back.

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

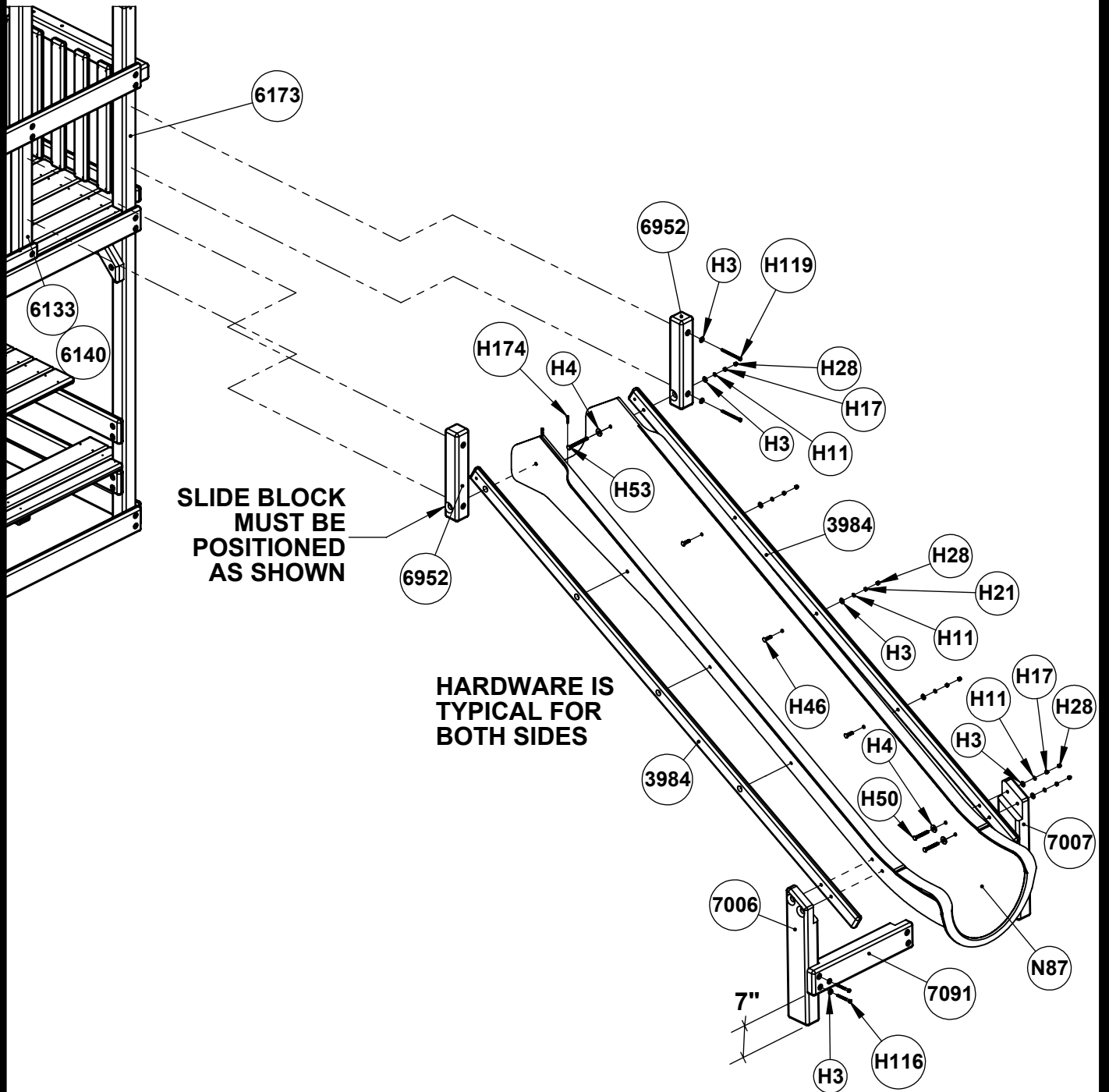
5. Attach Slide Assembly to Corner Upright **(6173)** and Center Post **(6133) (6140)** using 3/8" Hardware **(H3) (H119)**. Slide should rest on Deck.
6. Finish attaching Slide **(N87)** to Deck using #12 Hardware **(H174)**.

*Continued on next page:*

# Step 25

## 11' Scoop Slide Installation

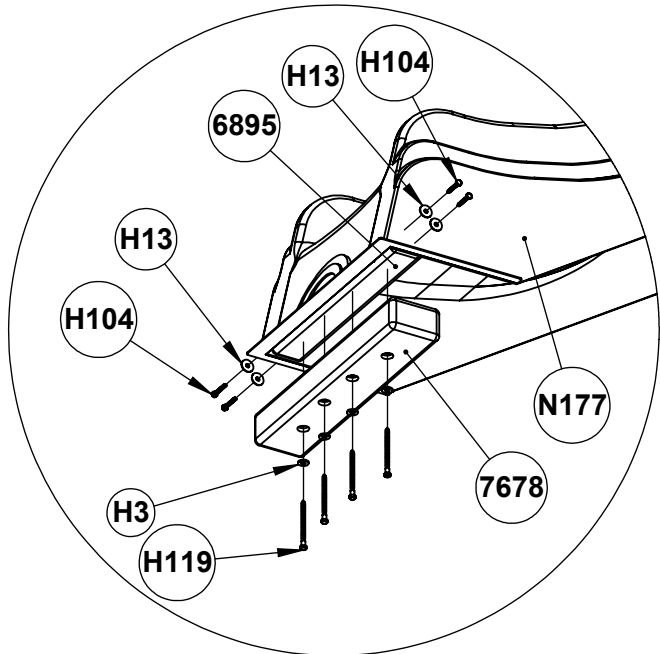
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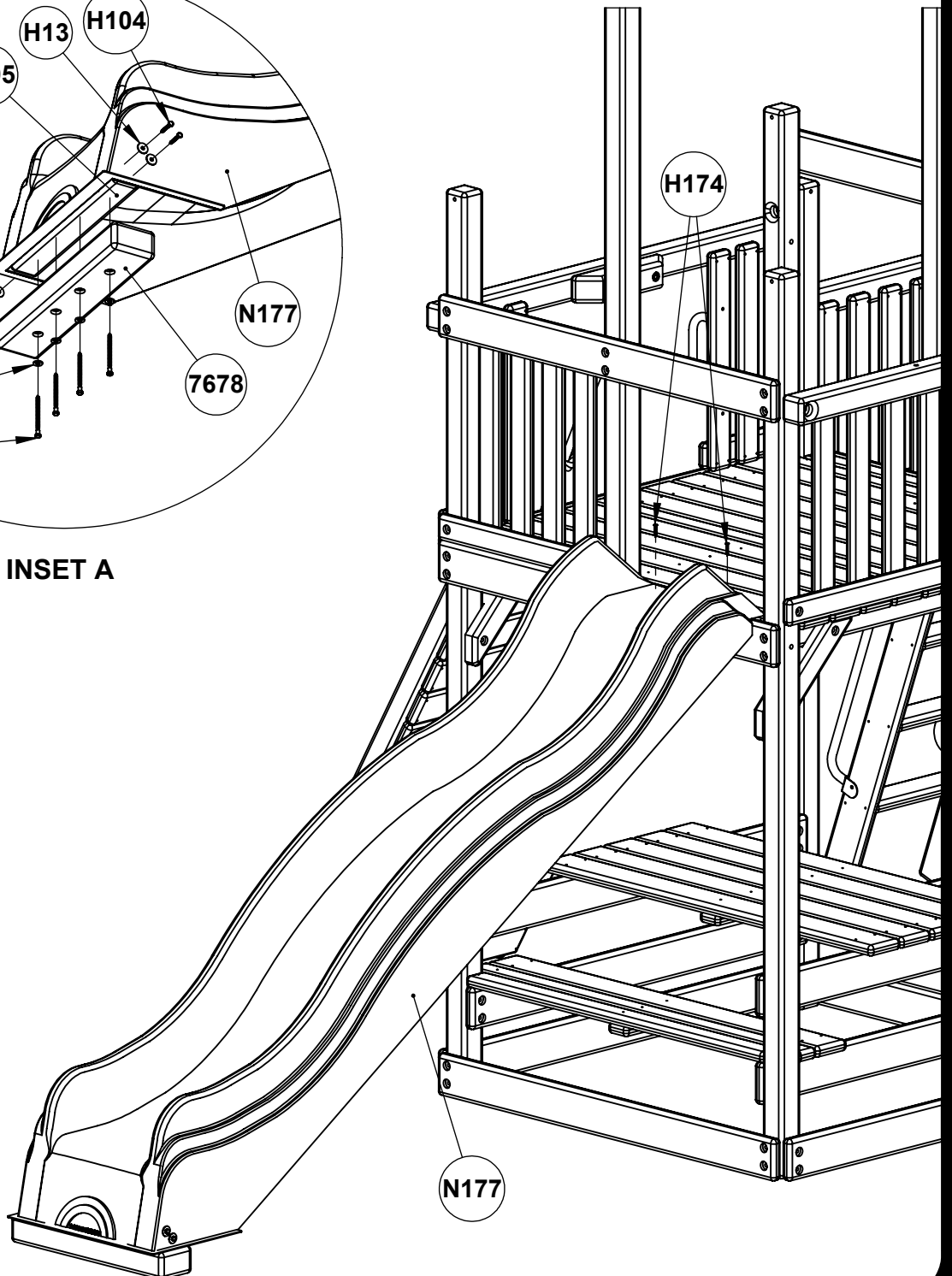
# Step 26

## Roto Wave Slide Installation

1. Position Roto Wave Slide Block (6895) on inside of the Roto Wave Slide (N177), flush with the bottom of the slide, and attach through slide using 3/8" Hardware (H13) and 5/16" Hardware (H104).
2. Center the Double Wall Wave Slide Block (7678) on the bottom of the Roto Wave Slide Block (6895) and attach using 3/8" Hardware (H3) (H119).
3. Center the Roto Wave Slide (N177) in the opening and attach to the deck using #12 Hardware (H174).



INSET A



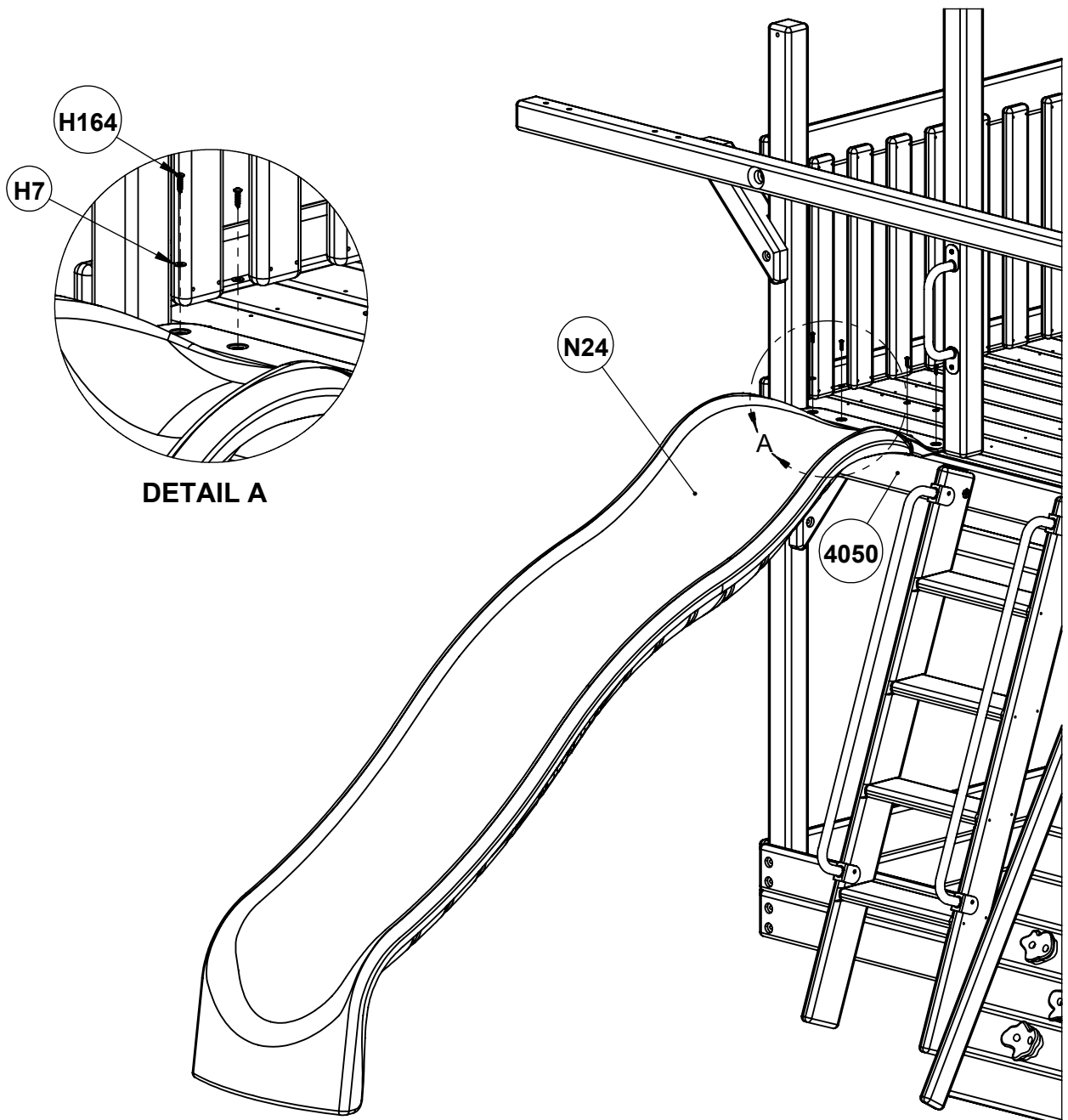
# Step 27

## Double Wall Wave Slide Installation

**\*NOTE:** Double Wave Slide (N24) can only be mounted on the Lower Deck.

1. Center Double Wall Wave Slide (N24) in opening, down on Deck, and attach using 1/4" Hardware (H7) and #14 Hardware (H164) (as shown in Detail A).

**\*NOTE:** Double Wall Wave Slide will sit approximately 5" back from 4 Hole Facia (4050) when properly installed.



# Step 28

## Swing Beam Installation

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 box wrench 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 (N46) using 1/2" Hardware (H4) (H12) (H18) (H29) (H72) and 3/4" Hardware (H5).  
**\*NOTE:** Mounting holes in all vinyl coated pieces must be cleaned out with a utility knife before installation.
4. Attach A-Frame Legs (7129) to A-Frame Block assembly using both 45° Brackets (N55) and 1/2" Hardware (H4) (H12) (H18) (H29) (H151).  
**\*NOTE:** Lay assembly on the ground with A-Frame Legs (7129) pointing in opposite directions with offset holes up. Do not tighten hardware at this time.
5. Place Swing Beam Assembly in position between the 90° Brackets (N46) and attach using 1/2" Hardware (H4) (H12) (H18) (H29) (H72) and 3/4" Hardware (H5) through both 45° Brackets (N55).
6. Attach both 90° Brackets (N46) to the Swing Beam (7084) (7085) (7154) (7821) using 3/8" Hardware (H116) and 3/8" Bolt Cup (N29).
7. Position Swing Beam Plate (N56) over the holes in the Top Joist with Swing Holes (6131) and attach using 1/2" Hardware (H4) (H12) (H18) (H29) (H65) (H76) 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 (N56) 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) (7821), 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:** Use two people to lift Swing Beam assembly. Legs will close inward as Swing Beam is lifted into position. Legs are very unstable until Cross Member is installed.  
**\*NOTE:** Tighten Hex Head Bolt (H151) that goes through A-Frame Legs (7129) and A-Frame Block assembly from #3 and all hardware that goes through Swing Beam Plate (N56) at this time.
10. Hold A-Frame Cross Member (7145) in a level position against A-Frame Legs, and drill through A-Frame Legs (7129) using a 9/16" drill bit. Attach Cross Member using 1/2" Hardware (H4) (H12) (H18) (H29) (H72) and 3/4" Hardware (H5).
11. Attach A-Frame Legs (7129) to A-Frame Blocks using 3/8" Hardware (H3) (H119).
12. Attach Swing options to Swing Hangers (N26) using Spring Clips (N90).
13. Insert Rope through end hole in Swing Beam (7084) (7085) and tie a double knot. Tie single knots in 3 places. Insert bottom of Rope through Swing Disk (N91) or Rope Buoy (N92) and tie a double knot.
14. Inflate Buoy Ball using Buoy Ball inflator.  
**\*NOTE:** Swing Disk or Buoy Ball should be a minimum of 8" off the ground.

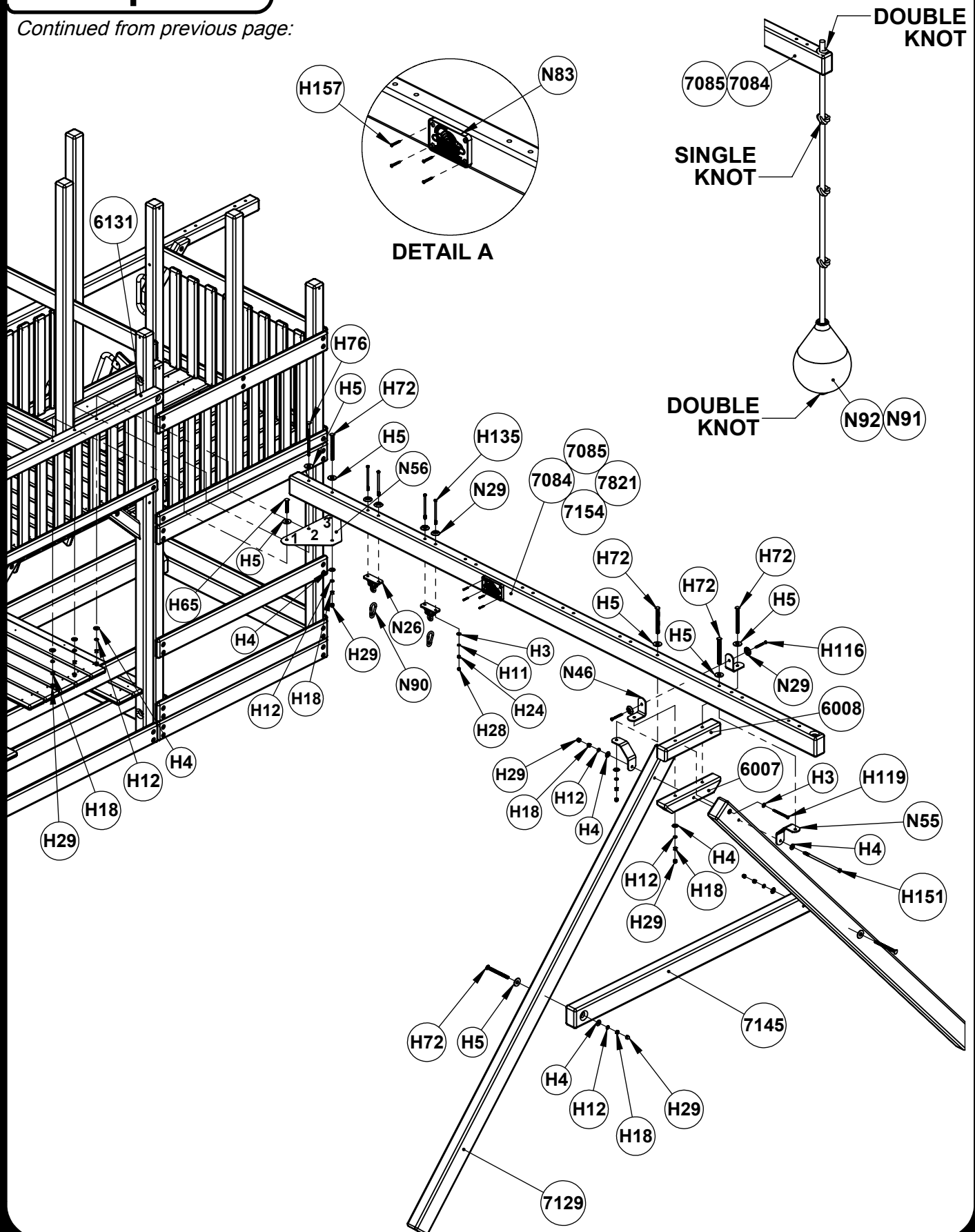
**⚠ WARNING:** When Swing Beam is fully assembled, make sure the Swing Beam is level to avoid serious injury.

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# Step 28

## Swing Beam Installation

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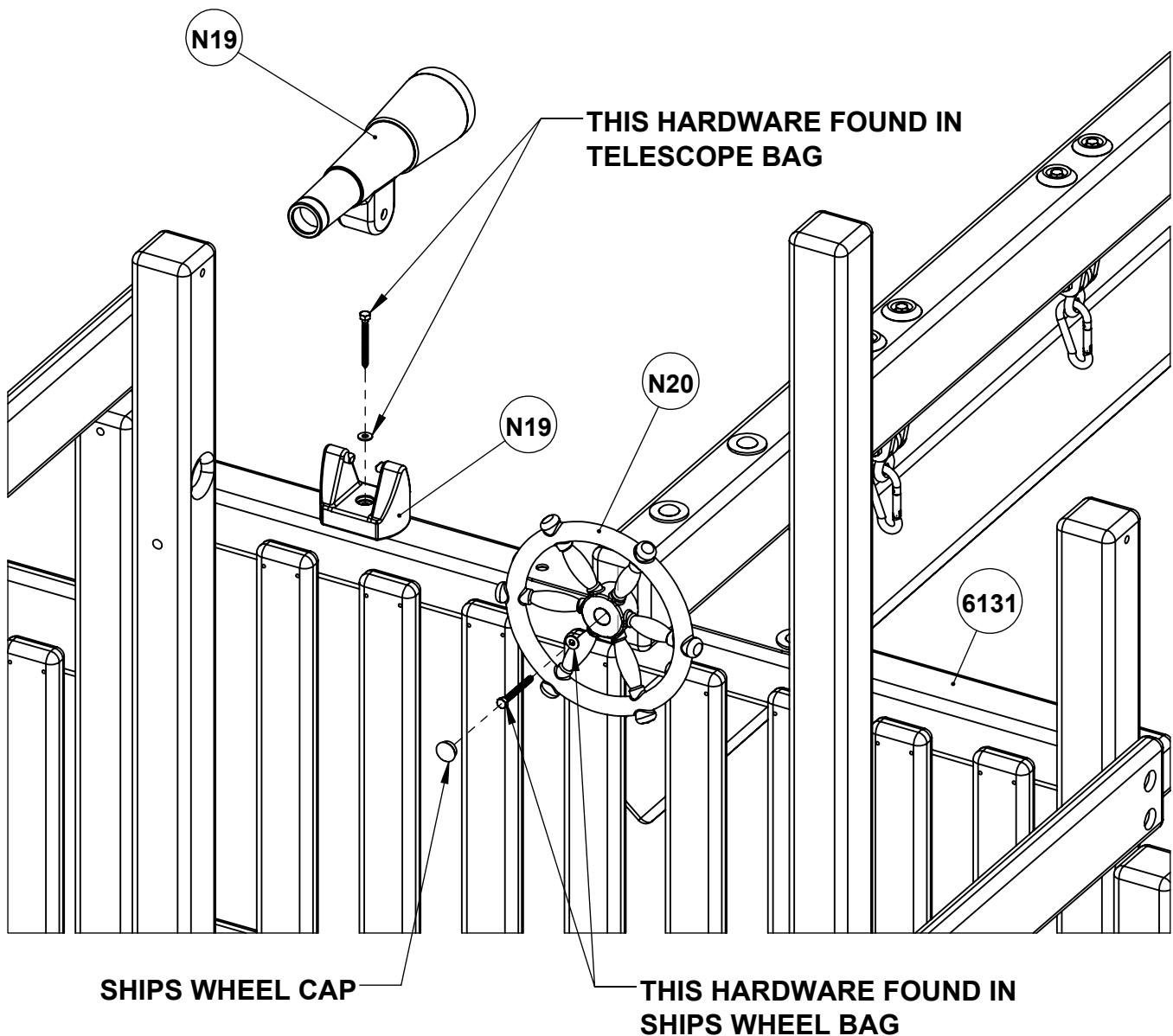
# Step 29

## Ships Wheel & Telescope Installation

**\*NOTE:** Do not over-tighten hardware. Ship's Wheel (N20) and Telescope Base (N19) should rotate freely.

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

1. Center Ship's Wheel (N20) 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 w/ Swing Holes (6131) and attach using hardware provided in the Telescope bag. Snap Telescope (N19) onto Base.

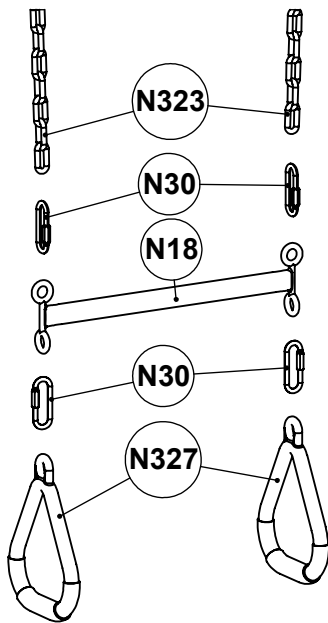


# Step 30

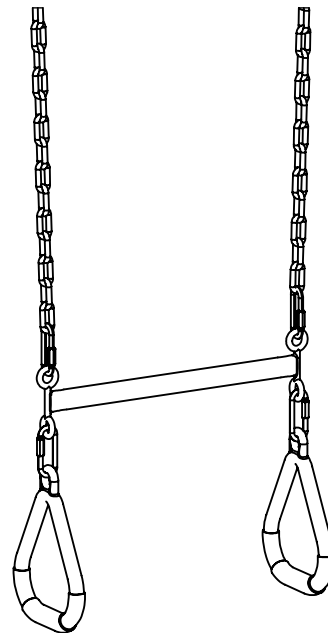
## Trapeze Assembly

**\*NOTE:** The trapeze may need to be assembled as shown below.

1. Open C-Links (N30).  
**\*NOTE:** When closing C-Links, securely tighten using a Crescent® wrench.
2. Attach two Short Chains (N323) to Trapeze Bar (N18) using C-Links (N30) (as shown in Inset A).
3. Attach Trapeze Rings (N327) to Trapeze Bar (N18) by connecting C-Links (N30) to both the Trapeze Bar (N18) and Trapeze Rings (N327) (as shown in Inset A).  
**\*NOTE:** When completed, trapeze assembly should look as shown in Inset B.
4. Securely close all C-Links (N30) by tightening with a Crescent® wrench.



INSET A

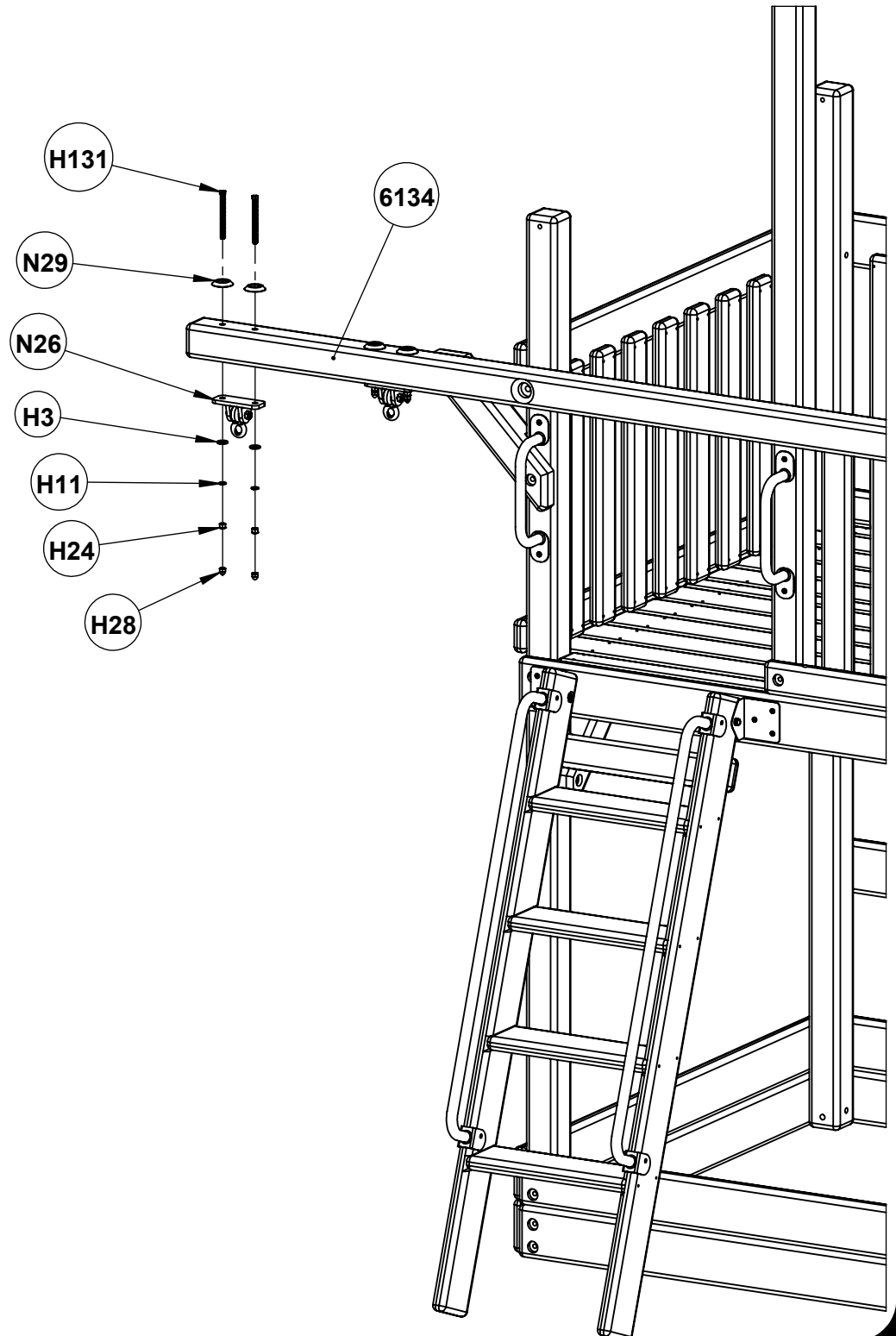


INSET B

# Step 31

## Swing Hanger Installation

1. Attach Swing Hangers (N26) to Accessory Arm (6134) using 3/8" Hardware (H3) (H11) (H24) (H28) (H131) and 3/8" Bolt Cups (N29).
2. Attach Spring Clips (N27) to Swing Hangers (N26).
3. Connect previously assembled Trapeze Swing to Spring Clips (N27).



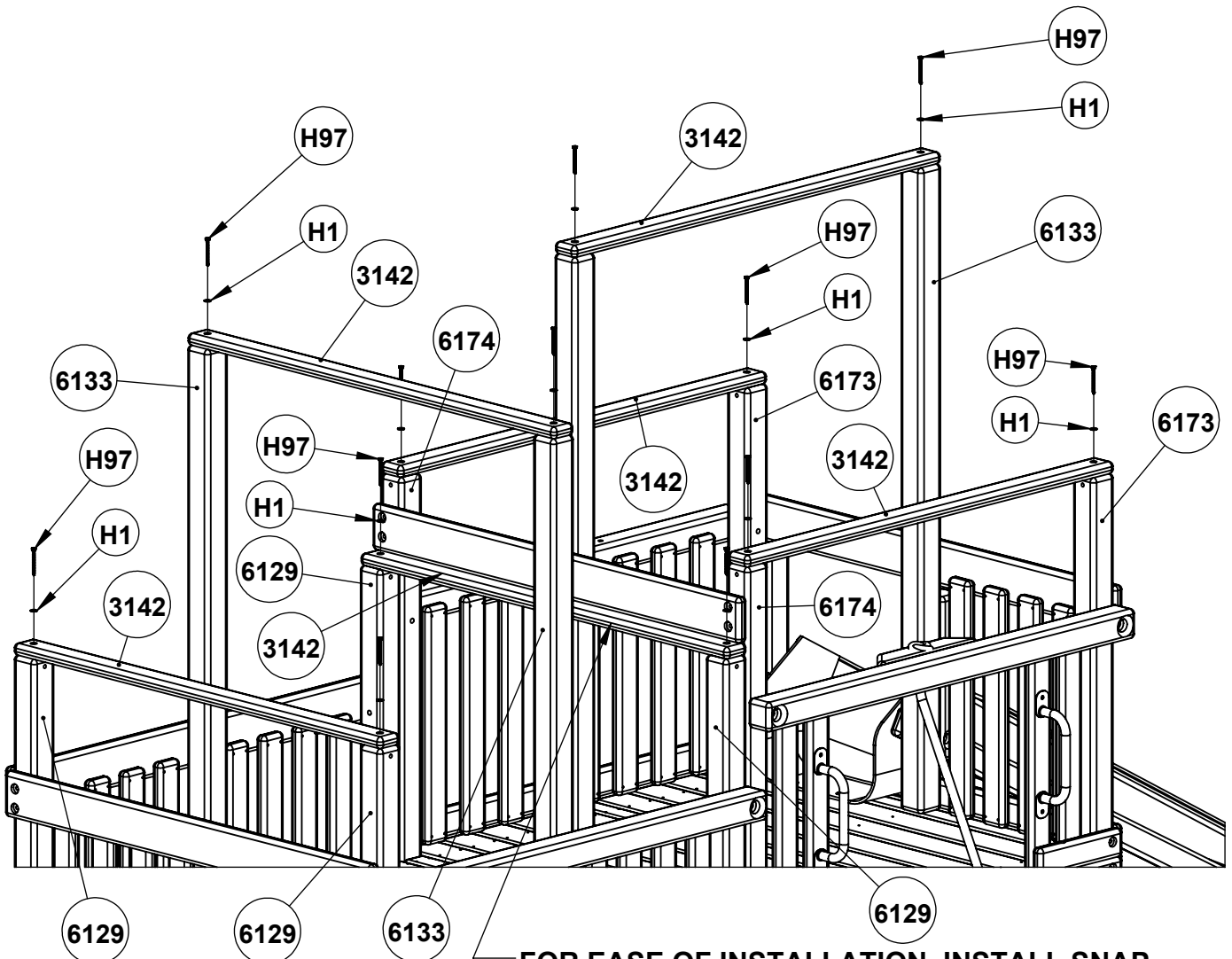
# Step 32

## Tarp Board Installation

**\*NOTE:** If installing Wood Roof option, skip to Step 34.

1. Position Tarp Boards (3142) on top of Corner Uprights (6129) (6173) (6174) and Center Posts (6133), in locations shown below. Attach Tarp Boards using 1/4" Hardware (H1) (H97).

**\*NOTE:** Prior to installing Tarp Board (3142) on top of Corner Uprights (6129) (as shown below), install Snap Screws (H183) and Tarp (N326) on Tarp Board (3142), using processes shown on next page.



**FOR EASE OF INSTALLATION, INSTALL SNAP SCREWS & TARP (AS SHOWN ON NEXT PAGE) ON THIS TARP BOARD, THEN INSTALL TARP BOARD**

# Step 33

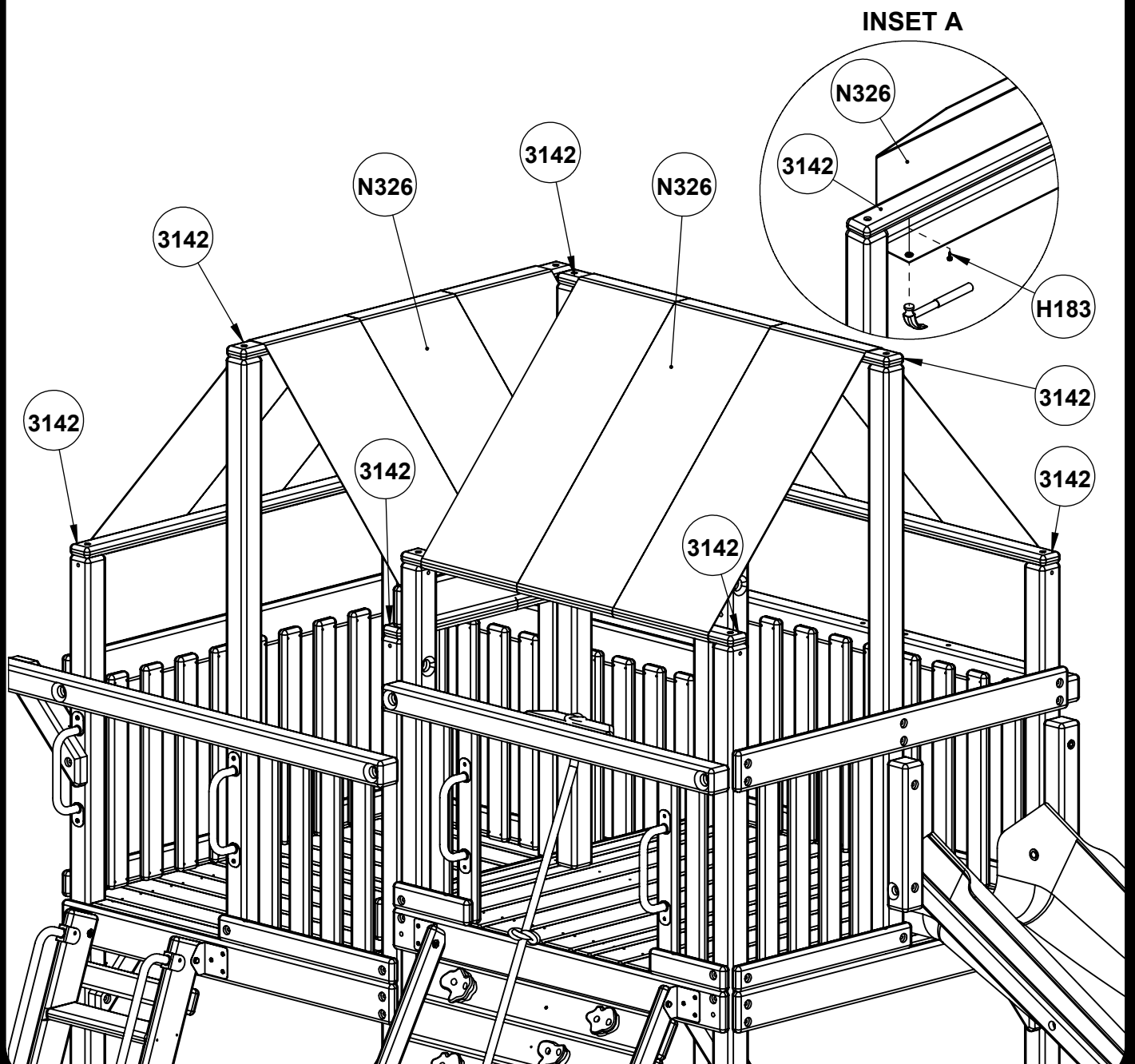
## Tarp Installation

**\*NOTE: Snap Screws (H183) are rolled up in the Tarps.**

1. Evenly spread Tarps (N326) over the top of the top Tarp Boards (3142). Female ends of the tarp snaps should face in towards each other when the tarp is freely hanging.
2. Wrap Tarps (N326) around the bottom side of the lower Tarp Boards (3142). Starting with the middle tarp snaps, work your way out gently tapping each tarp snap to leave an indentation in the wood.

**\*NOTE: Ensure Tarps (N326) are pulled tight across Tarp Boards (3142) when marking Snap Screw locations.**

3. Install Snap Screws (H183) in the center of the indentations.
4. Snap the Tarp (N326) to the Snap Screws (H183).
5. Repeat #'s 2, 3 and 4 for the other side. Ensure Tarps (N326) are pulled tight when marking Snap Screw locations.



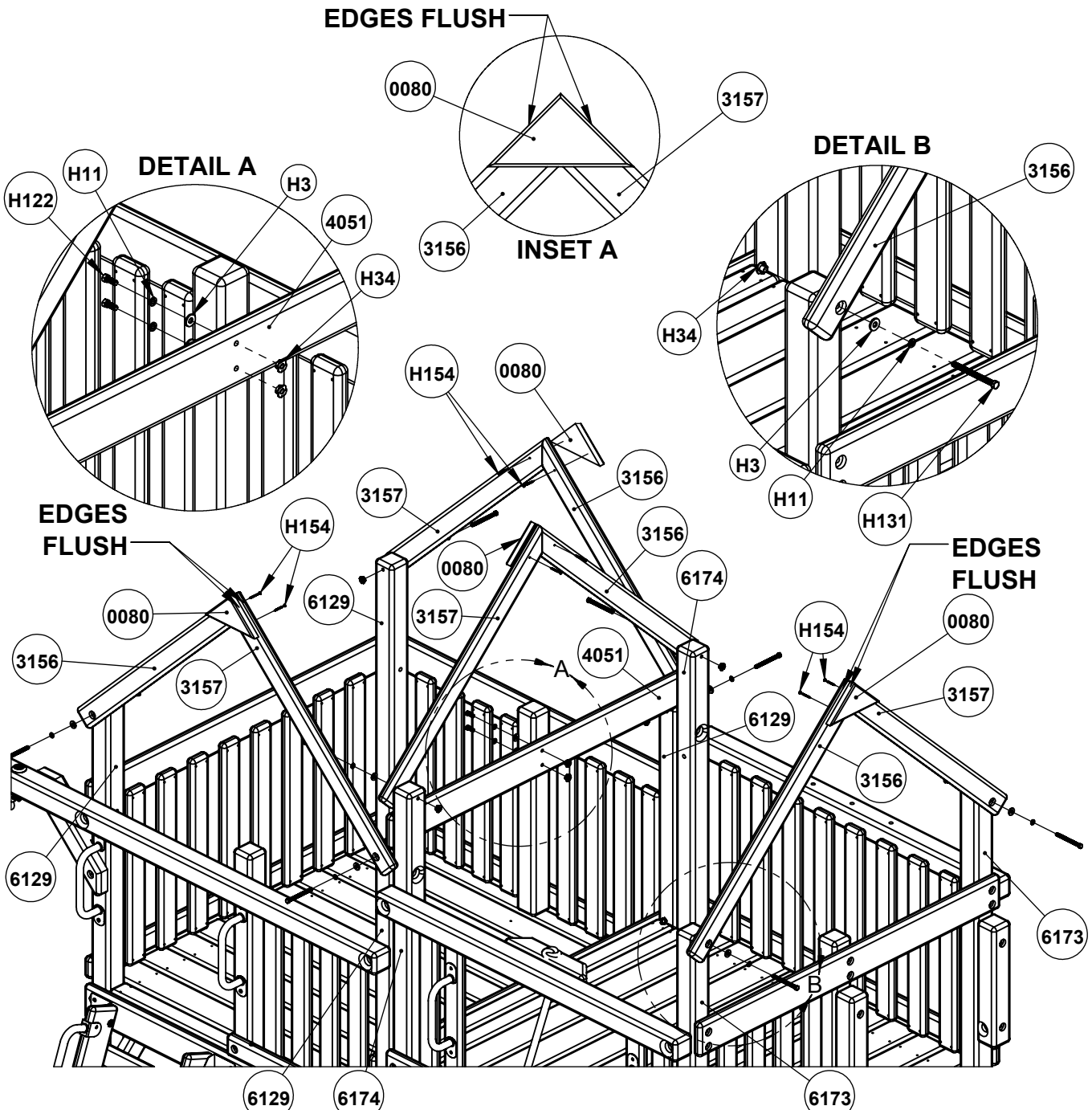
# Step 34

## Wood Roof Installation

**\*SUGGESTION:** Have a helper hold Roof Supports (3156) (3157) in place.

1. Install 3/8" Hardware (H34) into pre-drilled holes of Corner Posts (6129) (6173) (6174) and into the center holes in the back of 6 Hole Facia (4051) (as shown in Details A & B), by gently tapping with a hammer until flush with face of wood.
2. Install filler 3/8" Hardware (H3) (H11) (H122) into counter bored holes in 6 Hole Facia (4051) (as shown in Detail A).
2. Position and attach Left and Right Roof Supports (3156) (3157) (as shown in Detail B) using 3/8" Hardware (H3) (H11) (H34) (H131). Do not fully tighten hardware at this time.
3. Flush edges of Roof Supports (3156) (3157) and Peak Facias (0080) (as shown in Inset A) and attach Peak Facias using #8 Hardware (H154).

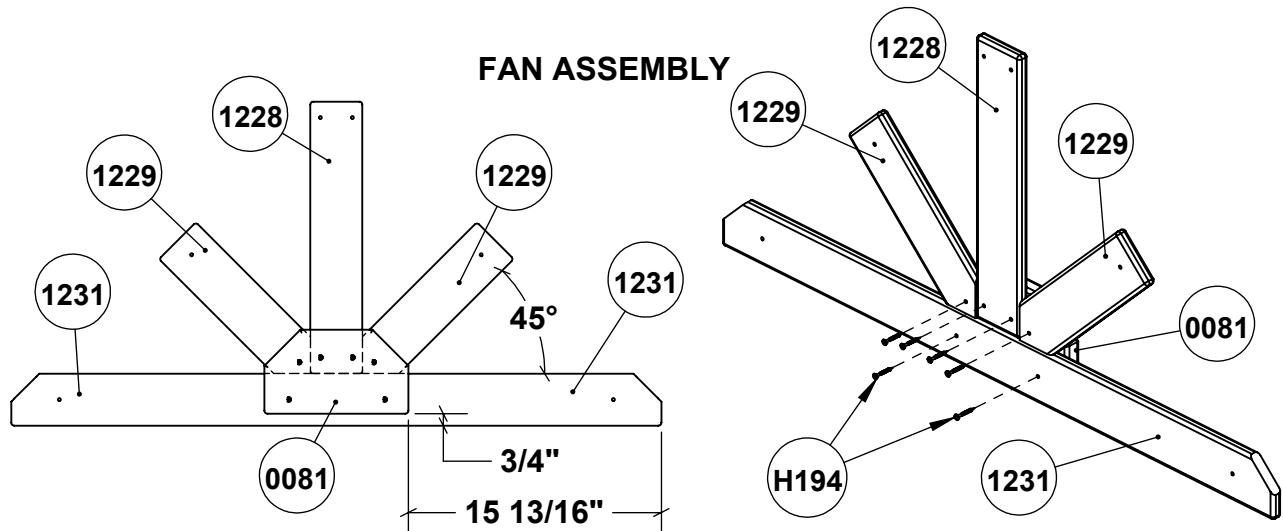
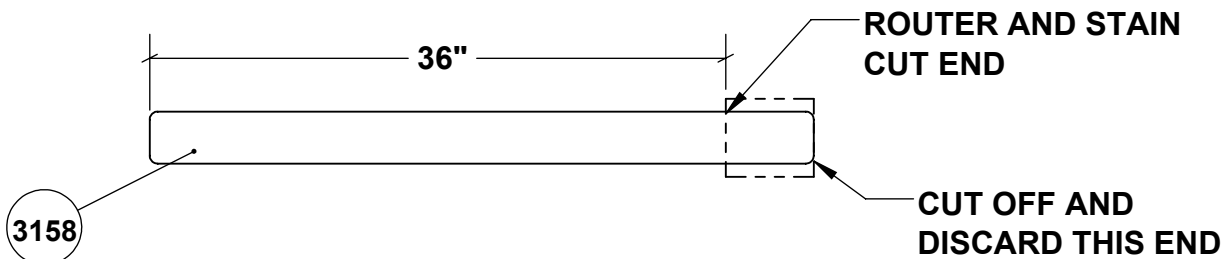
**\*NOTE:** Tighten 3/8" Hardware (H131) at this time.



# Step 35

## Wood Roof Installation

1. Position Roof Boards (1234) on Roof Supports (3156) (3157) (as shown). Center Roof Boards (1234) on Roof Supports (3156) (3157). Starting at the top, attach Roof Boards using #8 Hardware (H152).  
**\*NOTE: The Roof Boards (1234) should be positioned so there is no gap at the peak (as shown in Inset A) and the outside edge should be flush with Peak Facia (0080) (as shown).**
2. Prior to attaching Roof Runners (3158), one Roof Runner will have to be cut down to **36" long** (as shown below). Router and stain cut end of Roof Runner after cutting.
3. After attaching the first 5-6 Roof Boards (1234) (on each roof side), center and attach Roof Runners (3158) to Roof Boards (1234) using #8 Hardware (H152).  
**\*NOTE: To ensure screws in bottom Roof Boards hit the Roof Runners, position Roof Runners 1 3/8" down from top Roof Boards.**  
**\*NOTE: Cut down Roof Runner (3158) will be used on lower level, middle Roof (as shown).**
3. Finish attaching the rest of Roof Boards (1234) to Roof Supports (3156) (3157) using #8 Hardware (H152) and to Roof Runners (3158) using #8 Hardware (H152).  
**\*NOTE: A Qty. of (13) Roof Boards (1234) will be used on the lower level, middle Roof.**
4. On a flat surface position Fan Horizontal (1231), Fan Vertical (1228), and Fan Center (0081), using measurements shown below, and attach using #8 Hardware (H194).
5. Position Fan Rays (1229) (as shown below) and attach to Fan Center (0081) using #8 Hardware (H194). Repeat #'s 4 & 5 for other three Fans.
6. Position assembled Fans against Roof Supports (3156) (3157) and pushed up tight to roofs, and attach to Roof Supports (3156) (3157) using #8 Hardware (H152) (as shown in Inset B).

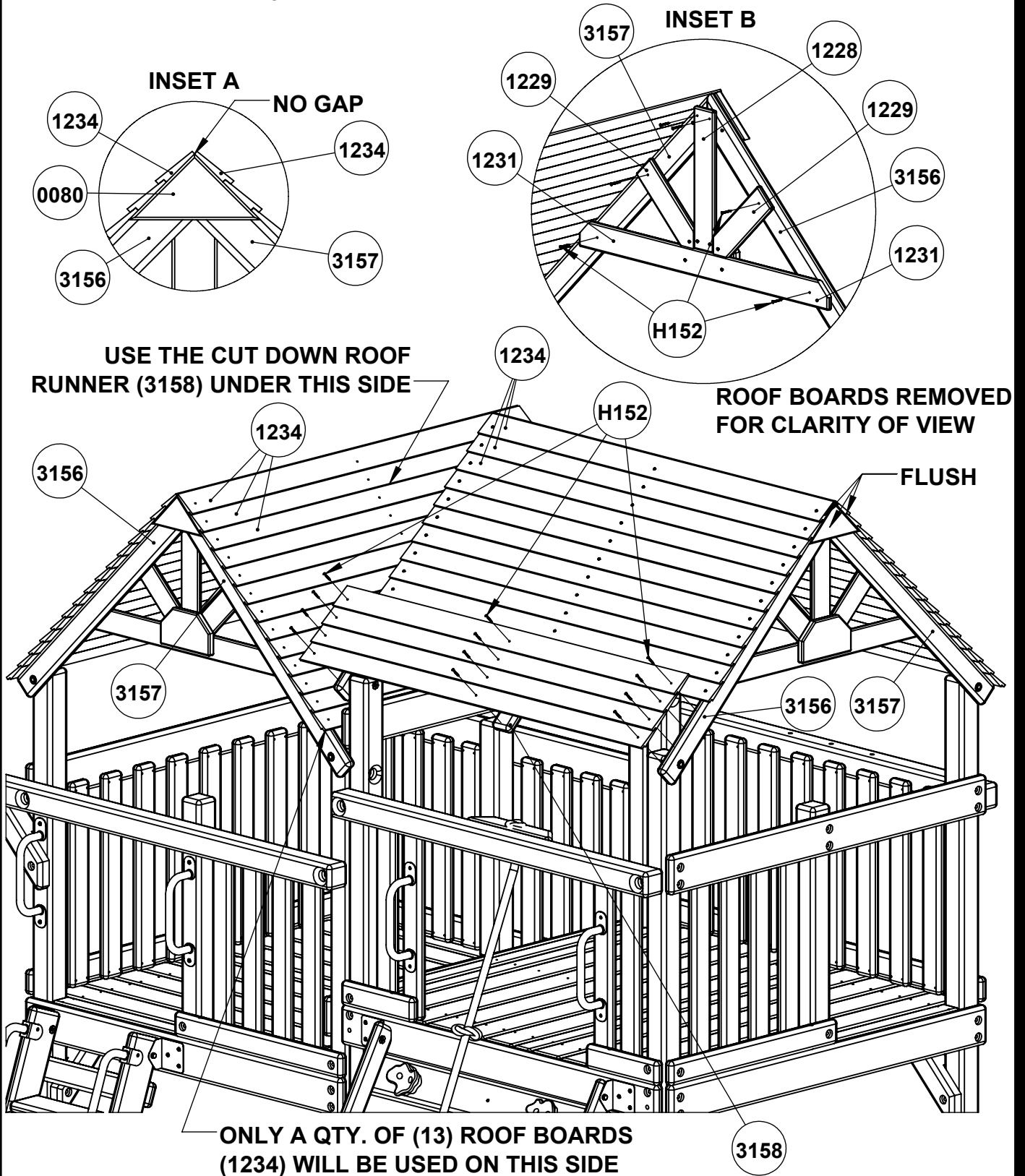


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# Step 35

## Wood Roof Installation

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# Step 36

## Ground Stake Installation

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

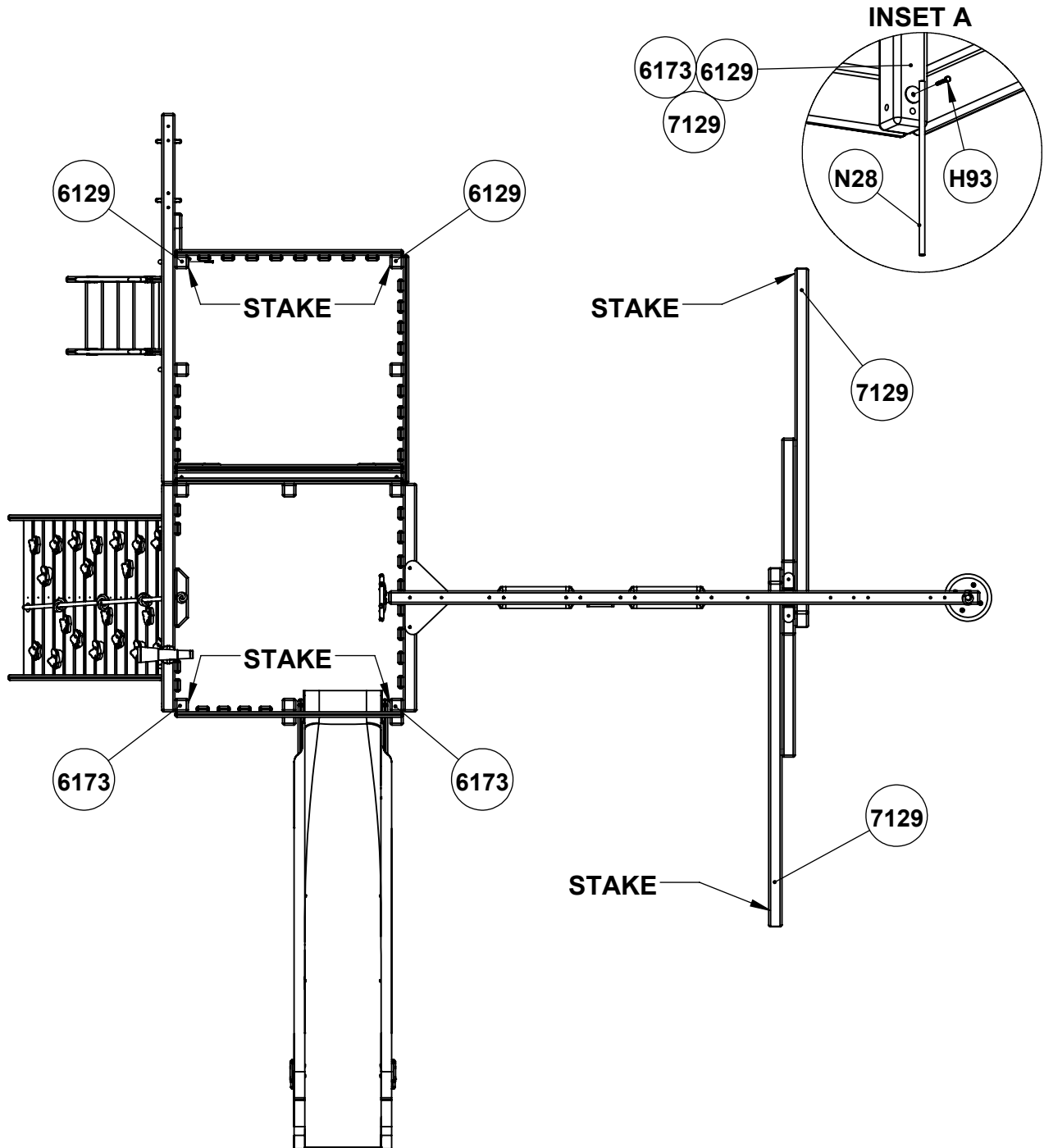
**\*NOTE:** Pre-drill 1/8" holes for all 1/4" Lag Bolts.

1. Drive Stakes (N28) into the ground (in locations shown) and attach to Corner Uprights (6129) (6173) and Swing Beam A-Frame Legs (7129) using 1/4" Hardware (H93). Stakes should stick out 2"-4" above the ground.

**\*NOTE:** Stakes must be as close as possible to the Corner Uprights 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 37

## 60" Deck Height Monkey Bar Assembly

**\*NOTE: The 60" Deck Height Monkey Bar can only be mounted on the lower level.**

1. Place Left and Right Monkey Bar Arms (7026) (7027) on a flat surface directly across from each other, oriented with counter bored holes facing up as shown.
2. Insert Pipes (N3) into pipe holes in both Monkey Bar Arms (7026) (7027) to connect the two Monkey Bar Arms (7026) (7027) together.

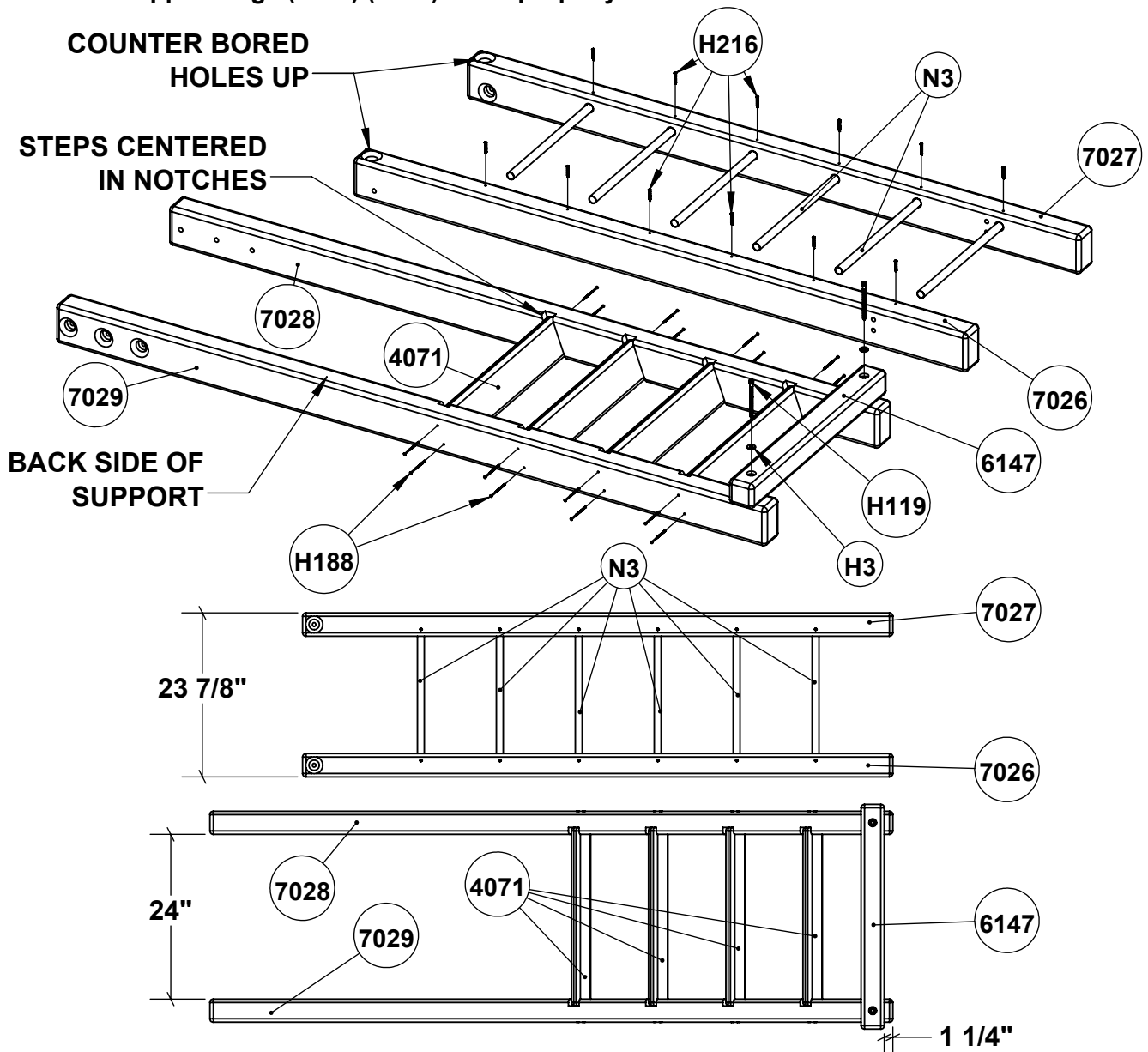
**\*NOTE: Monkey Bar assembly must measure 23 7/8" wide when properly assembled.**

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 (7026) (7027) into Pipes (N3), to secure Pipes in pipe holes.
4. Position Monkey Bar Support Legs (7028) (7029) on flat surface directly across from each other, with back sides of Support Legs facing up.
5. Center Ladder Steps (4071) in notches of Support Legs (7028) (7029) and attach using #8 Hardware (H188).

**\*NOTE: Inside faces of Support Legs must measure 24" when properly assembled.**

6. Measure up 1 1/4" from bottom of Support Legs (7028) (7029) and attach Monkey Bar Ground Runner (6147) to back side of Monkey Bar Support using 3/8" Hardware (H3) (H119).

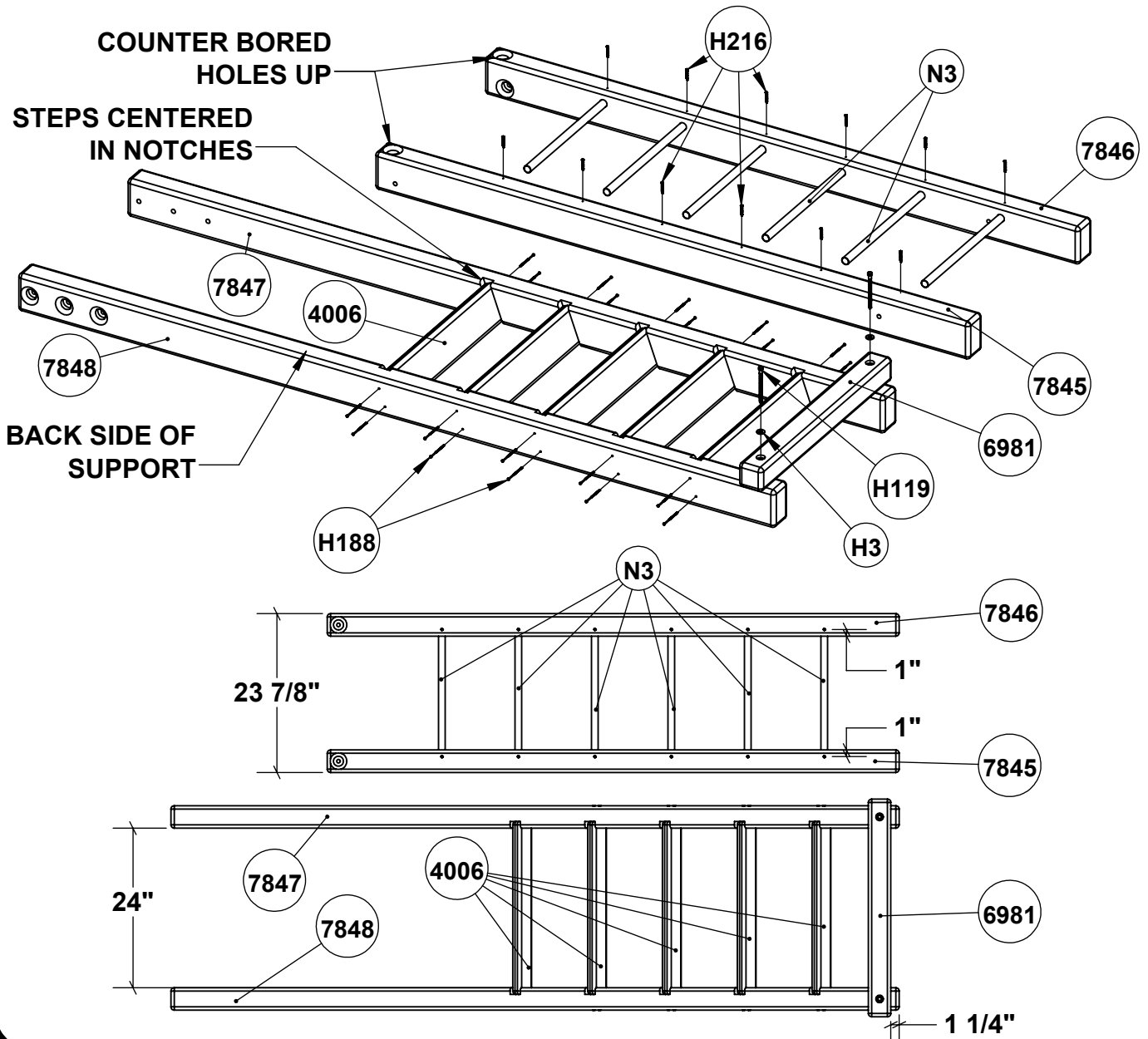
**\*NOTE: Counter bored holes in Monkey Bar Ground Runner (6147) should be centered on Support Legs (7028) (7029) when properly installed.**



# Step 38

## 70" Deck Height Monkey Bar Assembly

1. Place Left and Right Monkey Bar Arms (7845) (7846) on a flat surface directly across from each other, oriented with counter bored holes facing up as shown.
2. Insert Pipes (N3) into pipe holes in both Monkey Bar Arms (7845) (7846) to connect the two Monkey Bar Arms (7845) (7846) 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 Monkey Bar Arms (7845) (7846) into Pipes (N3), to secure Pipes in pipe holes. Screws should be approximately 1" from inside face of Monkey Bar Arms (7845) (7846) (as shown).
4. Position Monkey Bar Support Legs (7847) (7848) on flat surface directly across from each other, with back sides of Support Legs facing up.
5. Center Ladder Steps (4006) in notches of Support Legs (7847) (7848) and attach using #8 Hardware (H188).  
**\*NOTE: Inside faces of Support Legs must measure 24" when properly assembled.**
6. Measure up 1 1/4" from bottom of Support Legs (7847) (7848) and attach Monkey Bar Ground Runner (6981) to back side of Monkey Bar Support using 3/8" Hardware (H3) (H119).  
**\*NOTE: Counter bored holes in Monkey Bar Ground Runner (6981) should be centered on Support Legs (7847) (7848) when properly installed.**



# Step 39

## 70" Deck Height Monkey Bar Installation

**\*NOTE:** If installing Monkey Bar on the 60" Deck Height, skip to next Step.

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

**\*NOTE:** Rail Uprights (3137) 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.

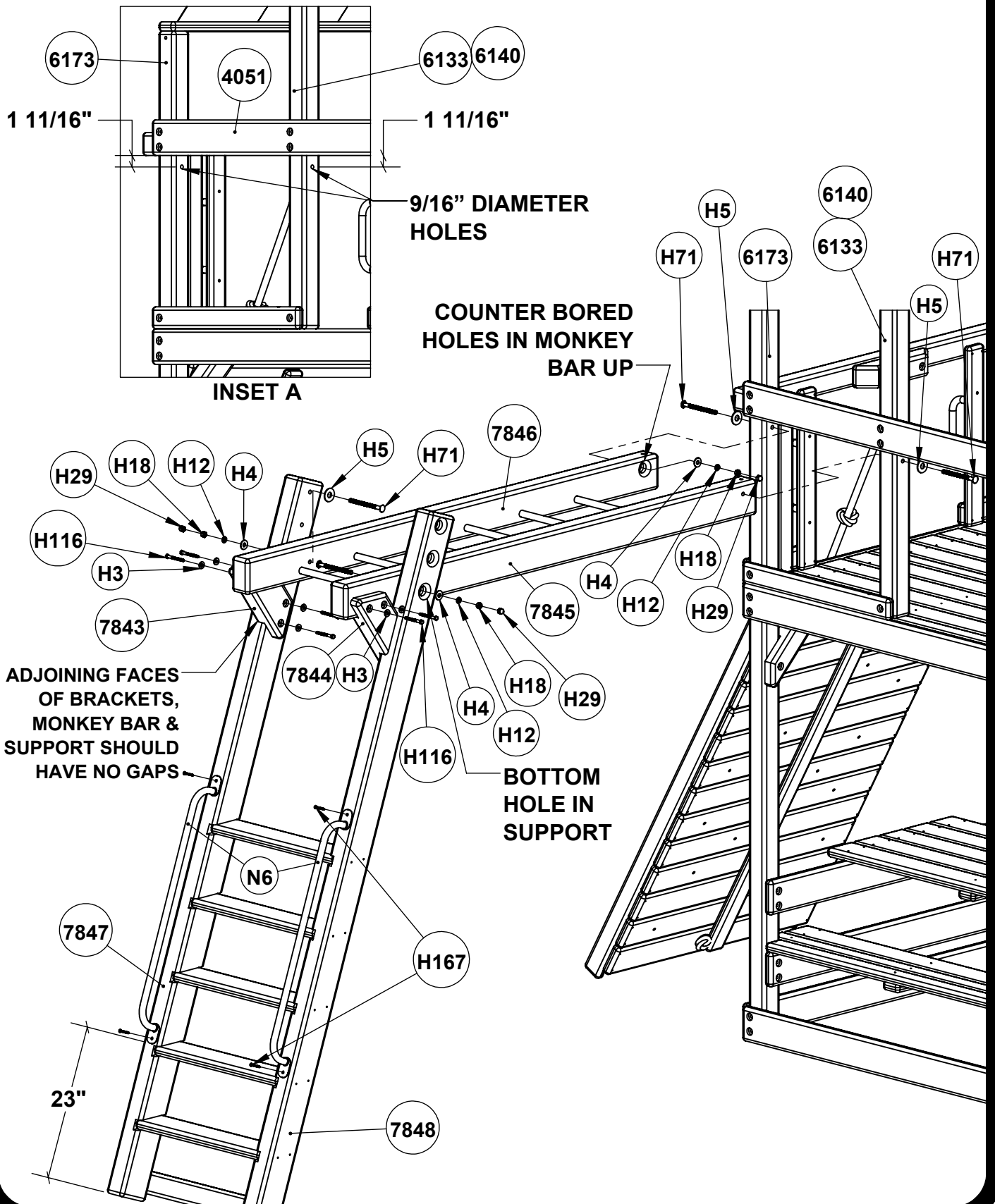
1. In the opening the Monkey Bar is being installed in, measure down from bottom of 6 Hole Facia (4051) **1 11/16"** and drill a hole in each Corner Upright (6173) and Center Post (6133) (6140), using a **9/16" drill bit** (as shown in Inset A).  
**\*NOTE:** The **9/16"** diameter holes must be drilled 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 (as shown).  
**\*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 **3/4" Hardware (H5)** and **1/2" Hardware (H4) (H12) (H18) (H71)**. Do not fully tighten Hardware at this time.
4. Lift up on Monkey Bar and position Monkey Bar Brackets (7843) (7844) 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 (6173) and Center Post (6133) (6140).
6. Attach Monkey Bar to Corner Upright (6173) and Center Post (6133) (6140) using **3/4" Hardware (H5)** and **1/2" Hardware (H4) (H12) (H18) (H29) (H71)**.
7. Check that Monkey Bar is level and fully tighten Hardware from #3. Attach **1/2" Hardware (H29)** to the end of **1/2" Hardware (H71)** from #3.
8. Measure up from bottom of Monkey Bar Support **23"** and attach Ladder Handles (N6) to Support using #14 Hardware (H167).

*Continued on next page:*

# Step 39

## 70" Deck Height Monkey Bar Installation

Continued from previous page:



# Step 40

## 60" Deck Height Monkey Bar Installation

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

**\*NOTE:** Rail Uprights (3137) 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.

1. In the opening the Monkey Bar is being installed in, measure over from inside face of Upright 1 **11/16"** and **22 3/16"**, and drill two **9/16" diameter holes** through top of Accessory Arm using a **9/16" drill bit** (as shown in Inset A).

**\*NOTE:** The **9/16"** diameter holes must be drilled in the center of the Accessory Arm. Holes must measure **20 1/2"** apart when properly drilled.

2. On the ground, position Monkey Bar inside of Monkey Bar Support, lining up the bottom holes in the Support with the upper hole in the Monkey Bar (as shown).

**\*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 **3/4" Hardware (H5)** and **1/2" Hardware (H4) (H12) (H18) (H71)**. 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, to underside of Accessory Arm **(6134)**, and align holes in Monkey Bar with previously drilled holes in Accessory Arm.

6. Attach Monkey Bar to Accessory Arm **(6134)** using **3/4" Hardware (H5)** and **1/2" Hardware (H4) (H12) (H18) (H29) (H76)**.

7. Check that Monkey Bar is level and fully tighten Hardware from #3. Attach **1/2" Hardware (H29)** to the end of **1/2" Hardware (H71)** from #3.

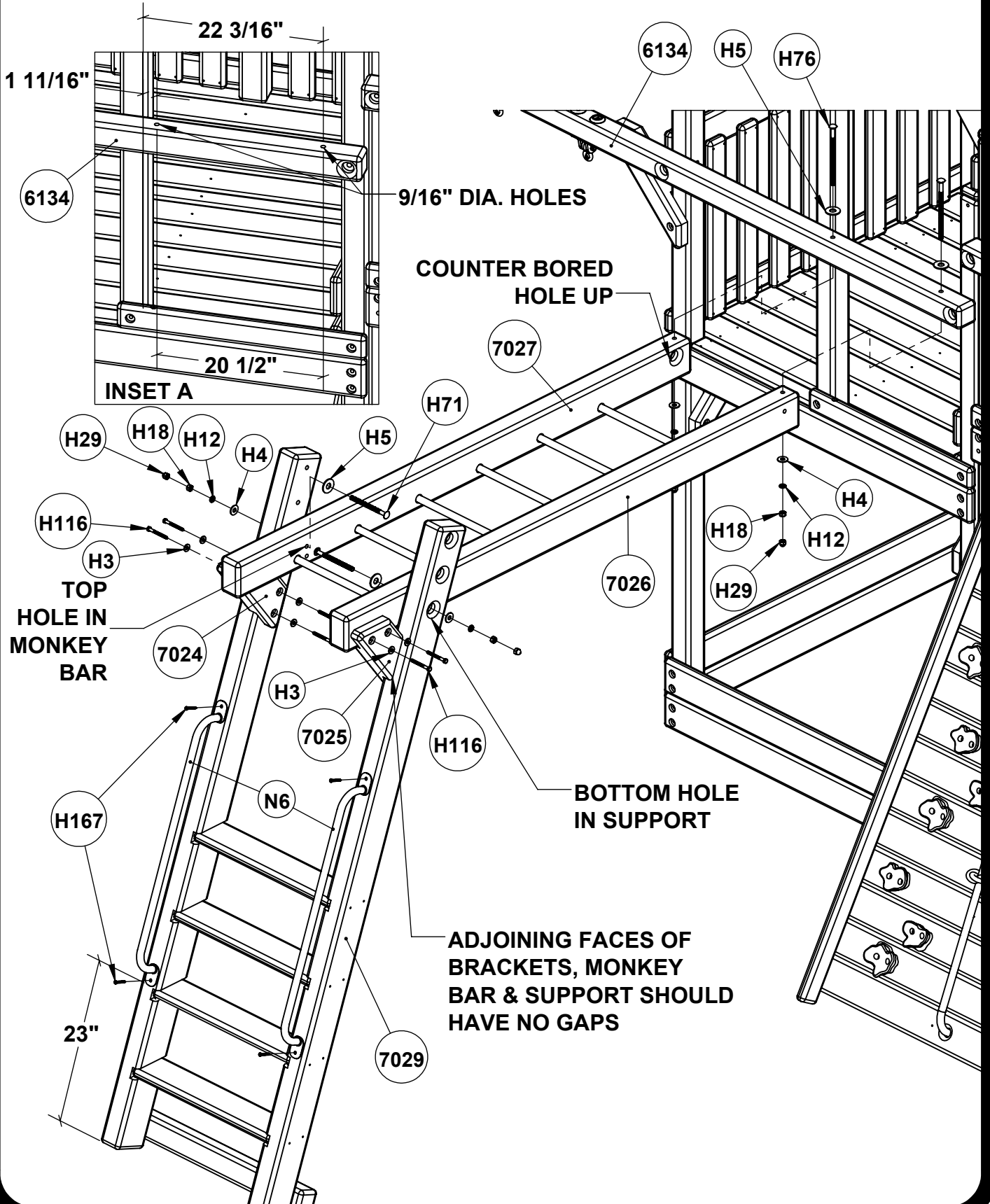
8. Measure up from bottom of Monkey Bar Support **23"** and attach Ladder Handles **(N6)** to Support using **#14 Hardware (H167)**.

*Continued on next page:*

# Step 40

## 60" Deck Height Monkey Bar Installation

Continued from previous page:



# Step 41

## Slim Bracket & Rail Upright Installation

**\*NOTE:** At this point, the 60" and 70" Deck Height Monkey Bars will use the same processes unless otherwise noted.

1. Push Slim Brackets (6144) (6145) (6395) (6396) up tight to Monkey Bar, Upright (6173) and Slide Block (6952). Attach Brackets using 3/8" Hardware (H3) (H116) (as shown in Inset A).

**\*NOTE:** Adjoining faces of Slim Brackets, Monkey Bar, Upright and Slide Block should have no gaps when properly installed.

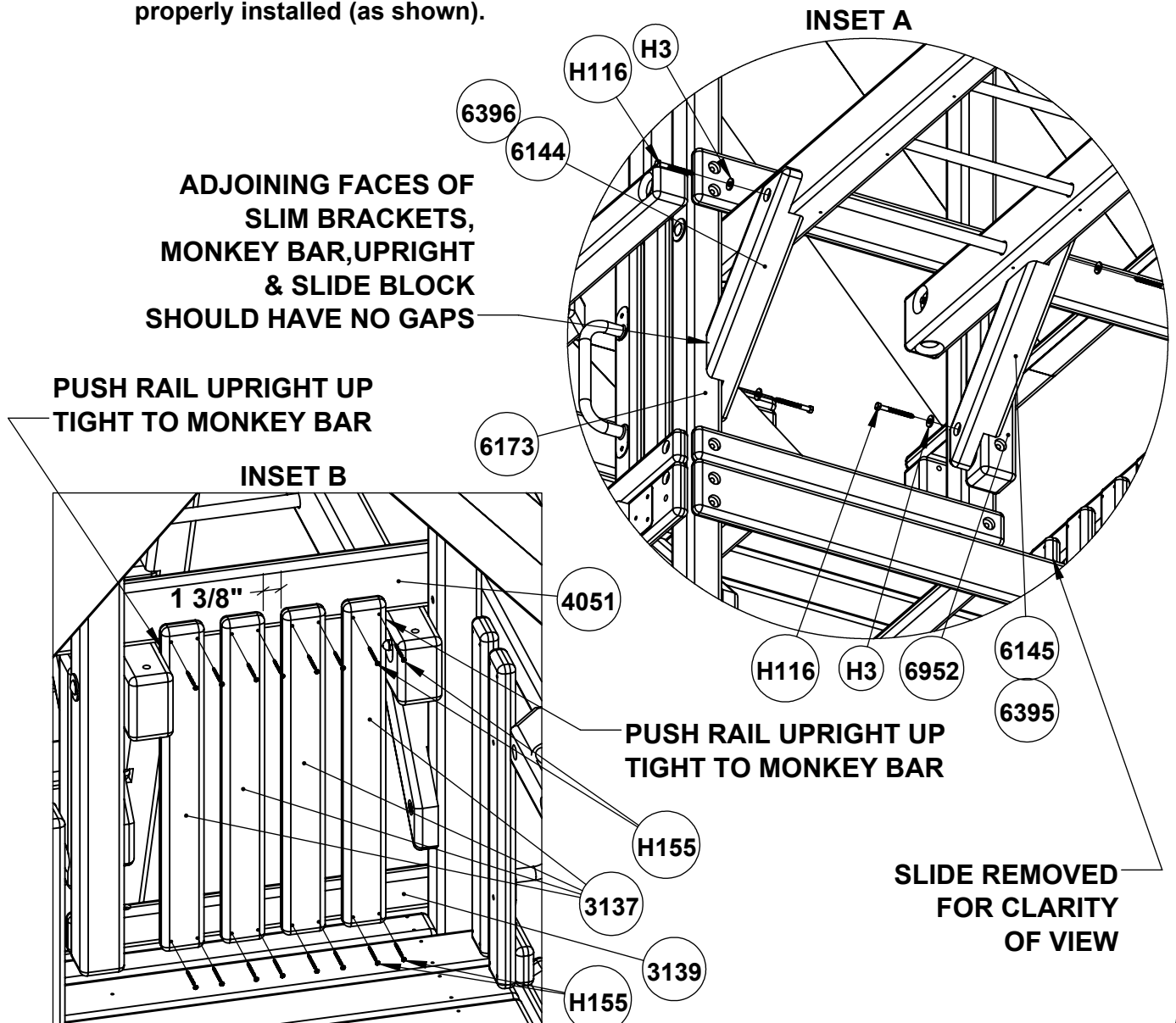
**\*NOTE:** If installing 60" Deck Height Monkey Bar towards middle of set, the Right Slim Bracket (6145) will not be installed.

2. On inside of set, push the two outer Rail Uprights (3137) up tight to Monkey Bar and attach to 6 Hole Facia (4051) and 2 Hole Facia (3139) using #8 Hardware (H155) (as shown in Inset B).

**\*NOTE:** If installing Monkey Bar on 60" Deck Height, evenly space Rail Uprights (3137) across back of Accessory Arm (6134) and Corner Facia (3139) using same processes.

3. Evenly space the other two Rail Uprights (3137) and attach using #8 Hardware (H155).

**\*NOTE:** Gaps between the two inner Rail Uprights will measure approximately 1 3/8" when properly installed (as shown).





# Step 42

## Chin Up Bar Installation

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

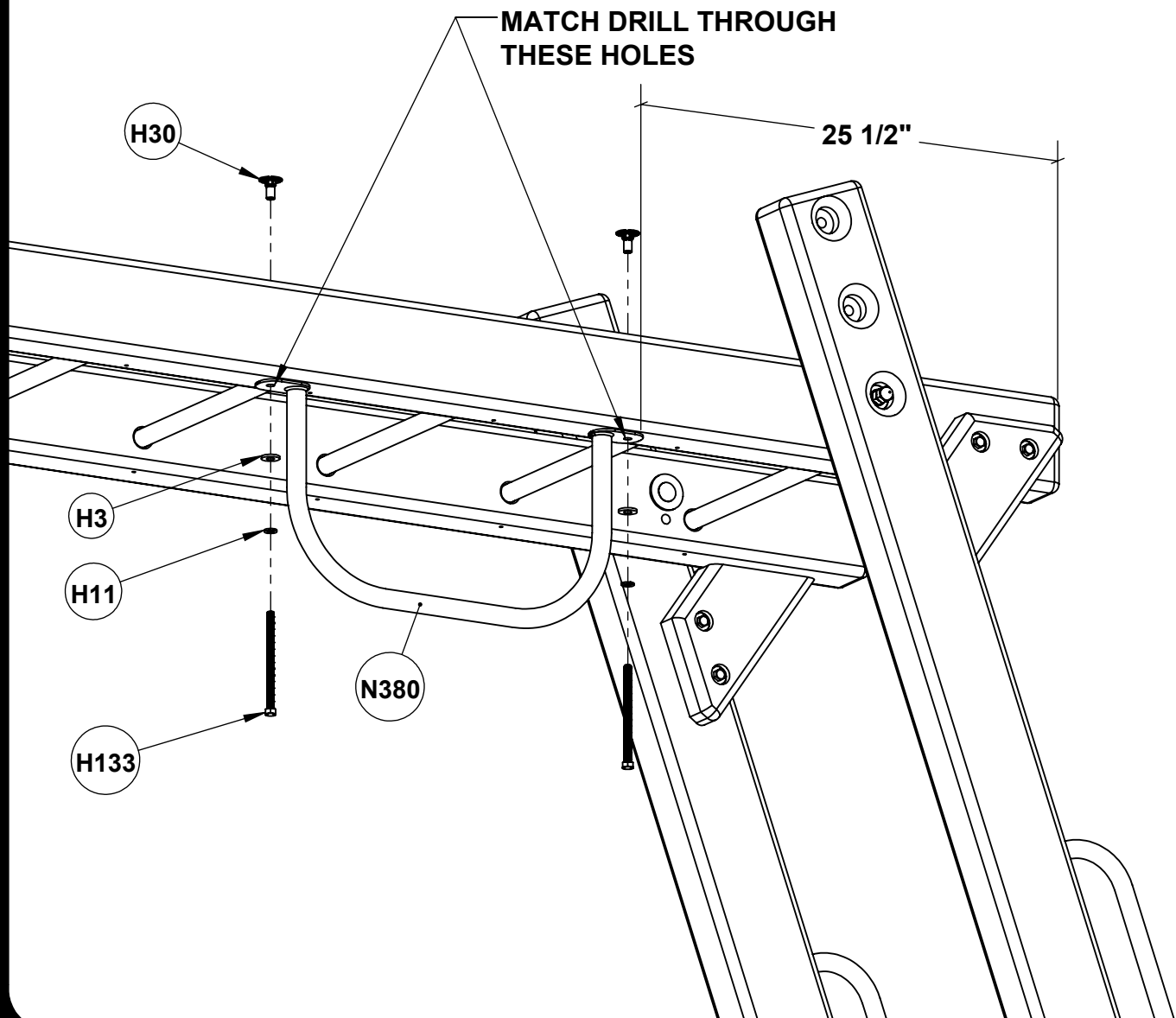
1. Hold Chin Up Bar (**N380**) on underside of Monkey Bar in approximate location shown. Make a mark in center of both holes in Chin Up Bar.

**\*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 (**N380**) to Monkey Bar using **3/8"** Hardware (**H3**) (**H11**) (**H30**) (**H133**).

**\*NOTE:** A small hammer or mallet may be needed to pound in **3/8"** Hardware (**H30**).



# Step 43

## Penthouse Assembly

**\*NOTE:** Processes for mounting the Penthouse will be the same for both the 60" & 70" Deck Height Monkey Bars unless otherwise noted.

**\*NOTE:** Processes are shown for both Tarp and Wood Roof versions.

**\*NOTE:** Processes will be the same if installing the Spiral Slide, unless otherwise noted. The Penthouse with Spiral Slide can only be mounted on the 60" Deck Height.

### Tarp Version:

**\*NOTE:** If installing a Penthouse with a Tarp onto a set with a Wood Roof, refer to Step 74 for special modification instructions.

1. On a flat surface layout Penthouse Corner Posts (6148) (6932), with counter bored holes facing away from each other, 30 5/8" apart (as shown in Inset A).
2. Position Tarp Facia (3177) (3146) on top of and 1" down from tops of Penthouse Corner Posts (6148) (6932) and attach using 1/4" Hardware (H1) (H97).
3. Position Filler Boards (6146) (6996) (6142) (6995) on top of and 8 5/8" up from bottoms of Penthouse Corner Posts (6148) (6932) and attach using 3/8" Hardware (H3) (H119) (as shown in Inset A).  
**\*NOTE:** Filler Boards (6146) (6996) (6148) (6932) may need to be swapped from what is shown depending on your specific set configuration. Filler Board (6146) (6996) must be lined up with the Center Post (6133) (6140).
4. Layout the other two Penthouse Corner Posts (6148) (6932), with counter bored holes facing away from each other, 30 5/8" apart (as shown in Inset C).
5. Position Tarp Facia (4067) (4937) 1" down from tops of Penthouse Corner Posts (6148) and attach using 1/4" Hardware (H1) (H97).  
**\*NOTE:** Do not install 1/4" Hardware in center hole of Tarp Facia (4067) (4937) if installing Tarp Version (as shown).
6. Position Penthouse End Facia (3178) (3143) on top of and 3 3/8" up from bottoms of Penthouse Corner Posts (6148) (6932) and attach using 1/4" Hardware (H1) (H97) (as shown in Inset C).

### Wood Roof Version:

1. On a flat surface layout Penthouse Corner Posts (6148) (6932), with counter bored holes facing away from each other, 30 5/8" apart (as shown in Inset B).
2. Position Tarp Facia (3177) (3146) on top of and 1" down from tops of Penthouse Corner Posts (6148) (6932) and attach using 1/4" Hardware (H1) (H97).
3. In center hole of Tarp Facia (3177) (3146), attach 1/4" Hardware (H1) (H9) (H32) (H215) (as shown in Detail A).  
**\*NOTE:** A small hammer or mallet may be needed to pound 1/4" Hardware (H32) in to back side of Tarp Facia (3177) (3146).
4. Position Filler Boards (6142) (6995) (6149) on top of and 8 5/8" up from bottoms of Penthouse Corner Posts (6148) (6932) and attach using 3/8" Hardware (H3) (H119) (as shown in Inset A).  
**\*NOTE:** Filler Boards (6142) (6995) (6149) may need to be swapped from what is shown depending on your specific set configuration. Filler Board (6142) (6995) must be lined up with the Center Post (6133) (6140).
5. Layout the other two Penthouse Corner Posts (6148), with counter bored holes facing away from each other, 30 5/8" apart (as shown in Inset C).
6. Position Tarp Facia (4067) (4937) 1" down from tops of Penthouse Corner Posts (6148) (6932) and attach using 1/4" Hardware (H1) (H97).
7. In center hole of Tarp Facia (4067) (4937), attach 1/4" Hardware (H1) (H9) (H32) (H215) (as shown in Detail A).  
**\*NOTE:** A small hammer or mallet may be needed to pound 1/4" Hardware (H32) in to back side of Tarp Facia (3177) (3146).
8. Position Penthouse End Facia (3178) (3143) on top of and 3 3/8" up from bottoms of Penthouse Corner Posts (6148) (6932) and attach using 1/4" Hardware (H1) (H97) (as shown in Inset C).

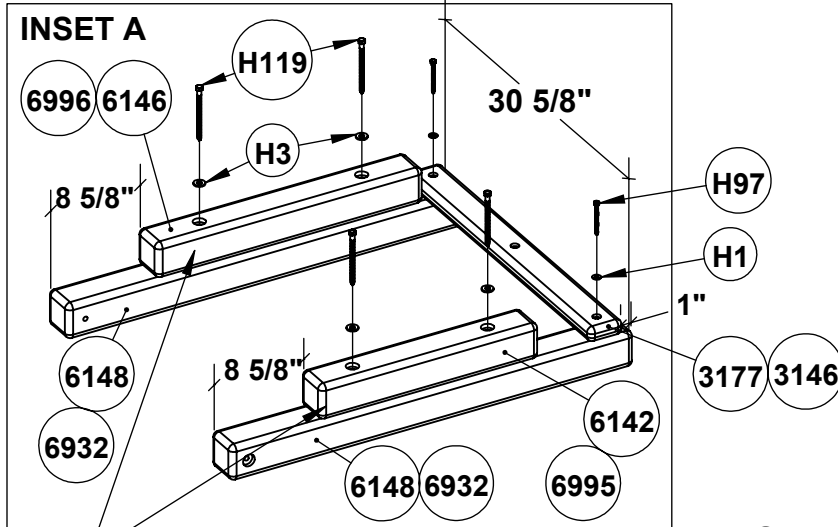
*Continued on next page:*

# Step 43

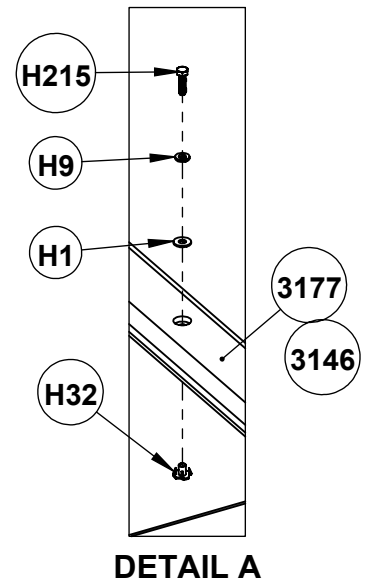
## Penthouse Assembly

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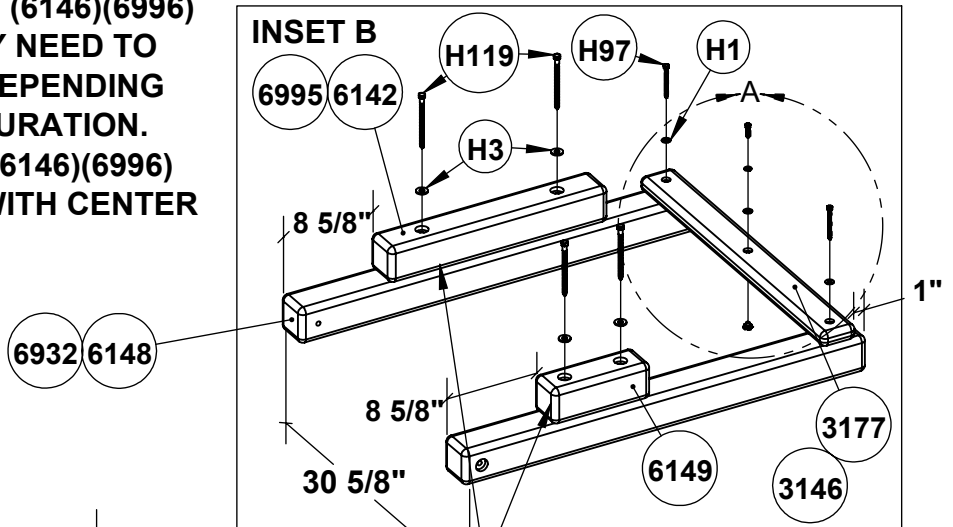
### IF INSTALLING TARP VERSION



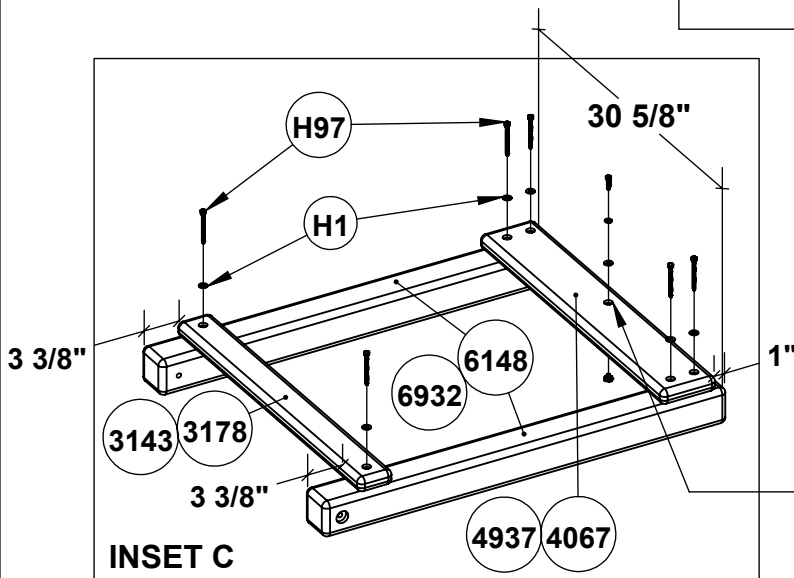
FILLER BOARDS (6146)(6996) (6142)(6995) MAY NEED TO BE SWAPPED, DEPENDING ON SET CONFIGURATION. FILLER BOARD (6146)(6996) MUST LINE UP WITH CENTER POST.



### IF INSTALLING WOOD ROOF VERSION



FILLER BOARDS (6142)(6995) (6149) MAY NEED TO BE SWAPPED, DEPENDING ON SET CONFIGURATION. FILLER BOARD (6142)(6995) MUST LINE UP WITH CENTER POST.



DO NOT INSTALL HARDWARE IN THIS HOLE IF INSTALLING TARP OPTION

FOR INSTALLING TARP OR WOOD ROOF VERSION

# Step 44

## Penthouse Installation

**\*NOTE:** If installing Penthouse on the 60" Deck Height Monkey Bar, skip to next Step.

**\*NOTE:** A helper will be needed for this Step, as well as the Steps moving forward.

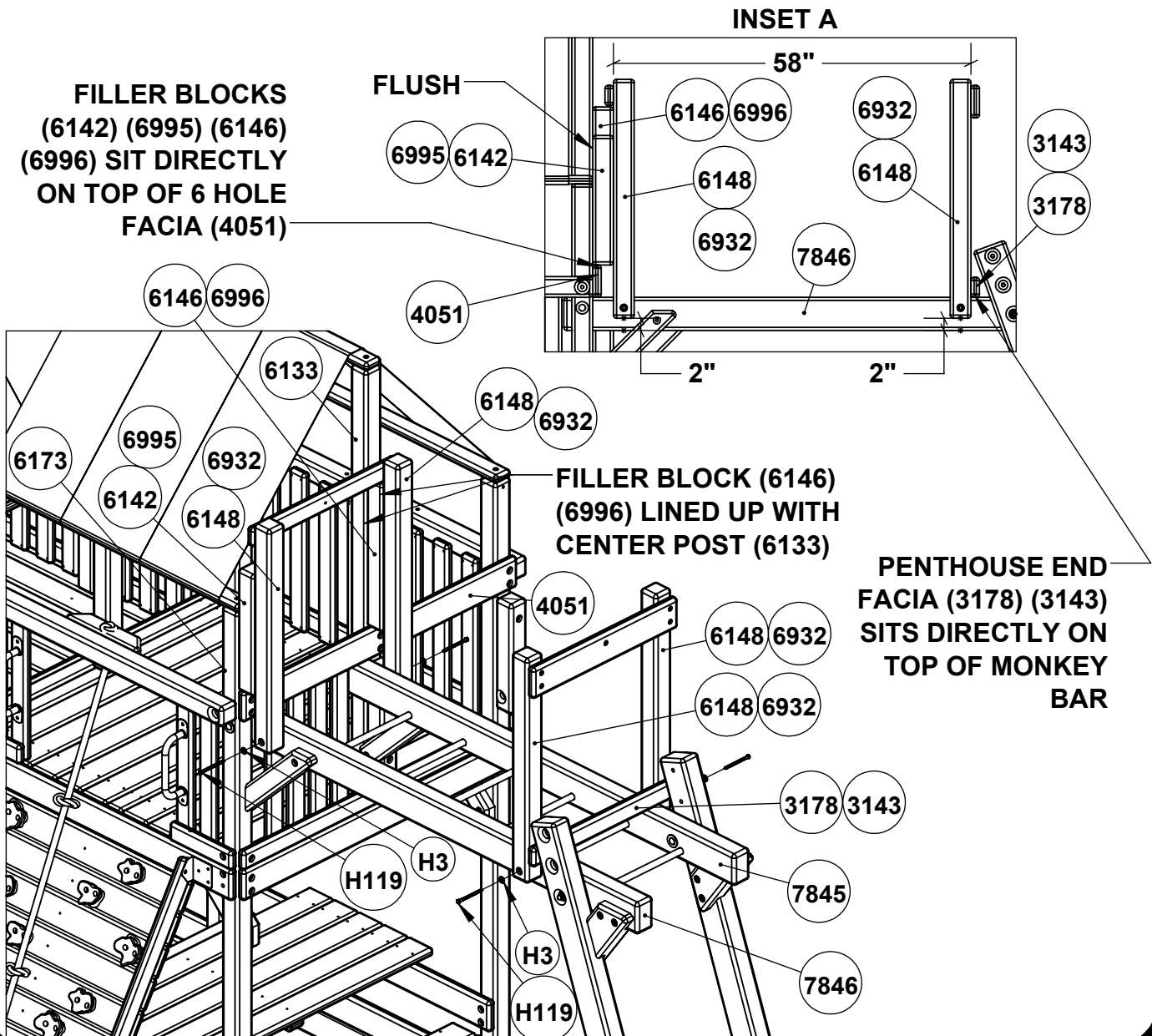
**\*NOTE:** If installing Penthouse with Wood Roof, skip to Step 46.

1. With the aid of a helper, hold the first Penthouse end with the attached Filler Blocks (6142) (6995) (6146) (6996), up 2" from bottom of Monkey Bar and attach to Monkey Bar using 3/8" Hardware (H3) (H119).

**\*NOTE:** Filler Blocks (6142) (6995) (6146) (6996) must be pushed up tight to Corner Post (6129) and Center Post (6133). Filler Blocks (6142) (6995) (6146) (6996) should sit directly on top of 6 Hole Facia (4051) when properly installed (as shown in Inset A).

2. Hold the second Penthouse end up 2" from bottom of Monkey Bar and attach to Monkey Bar using 3/8" Hardware (H3) (H119). Penthouse Corner Posts must measure 58" apart when properly installed (as shown in Inset A).

**\*NOTE:** Penthouse End Facia (3178) (3143) will sit directly on top of Monkey Bar when properly installed (as shown in Inset A).



# Step 45

## 60" Deck Height Penthouse Installation

**\*NOTE:** A helper will be needed for this Step, as well as the Steps moving forward.

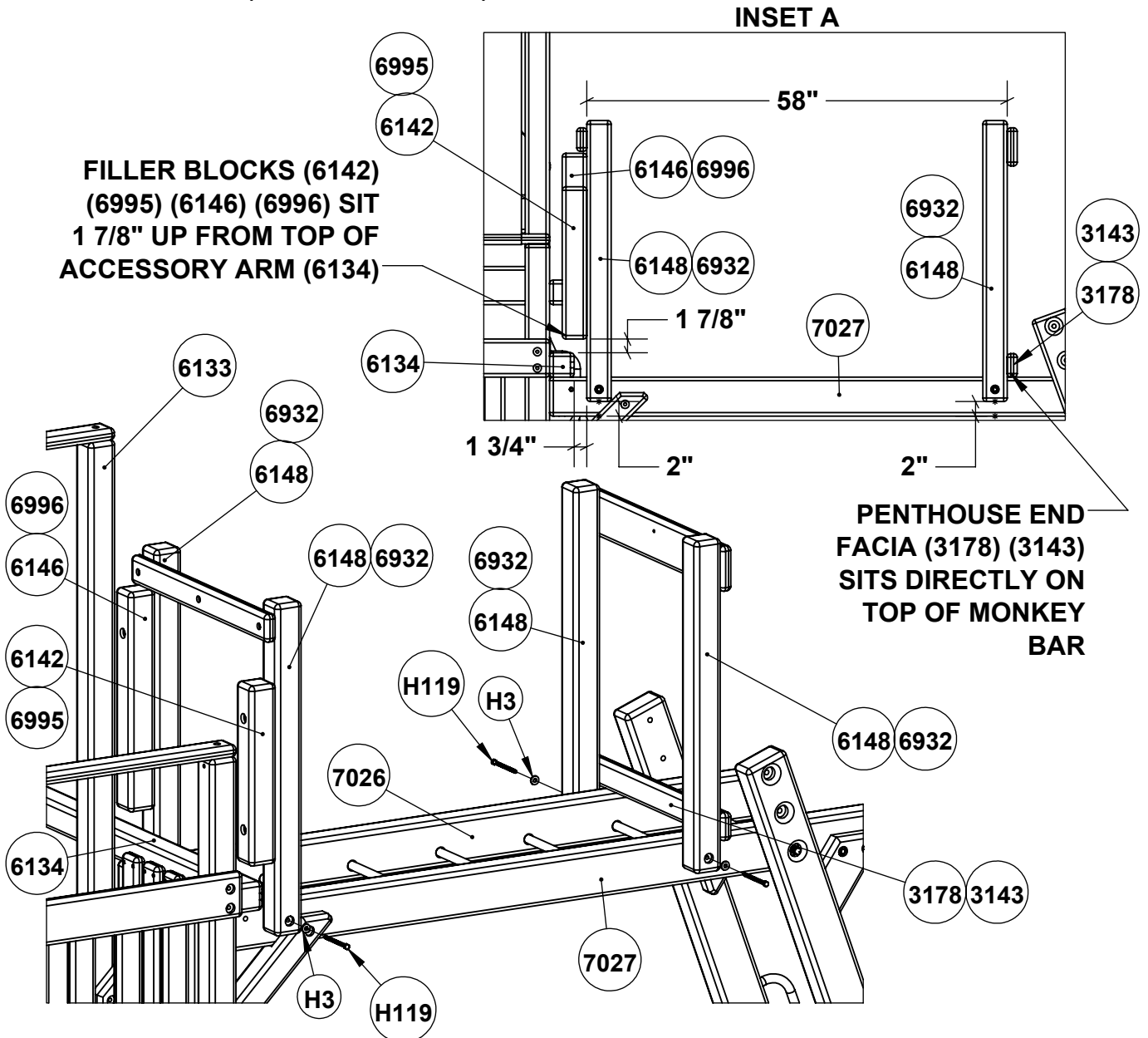
**\*NOTE:** If installing Penthouse with Wood Roof, skip to Step 47.

1. With the aid of a helper, hold the first Penthouse end with the attached Filler Blocks (6142) (6995) (6146) (6996), up 2" from bottom of Monkey Bar and attach to Monkey Bar using 3/8" Hardware (H3) (H119). Penthouse Corner Posts (6148) must be positioned 1 3/4" away from Accessory Arm (6134) (as shown in Inset A).

**\*NOTE:** Filler Blocks (6142) (6995) (6146) (6996) will sit 1 7/8" up from top of Accessory Arm (6134) when properly installed (as shown in Inset A).

2. Hold the second Penthouse end up 2" from bottom of Monkey Bar and attach to Monkey Bar using 3/8" Hardware (H3) (H119). Penthouse Corner Posts must measure 58" apart when properly installed (as shown in Inset A).

**\*NOTE:** Penthouse End Facia (3178) (3143) will sit directly on top of Monkey Bar when properly installed (as shown in Inset A).



# Step 46

## Penthouse Installation (Wood Roof)

**\*NOTE:** If installing Penthouse on the 60" Deck Height Monkey Bar, skip to next Step.

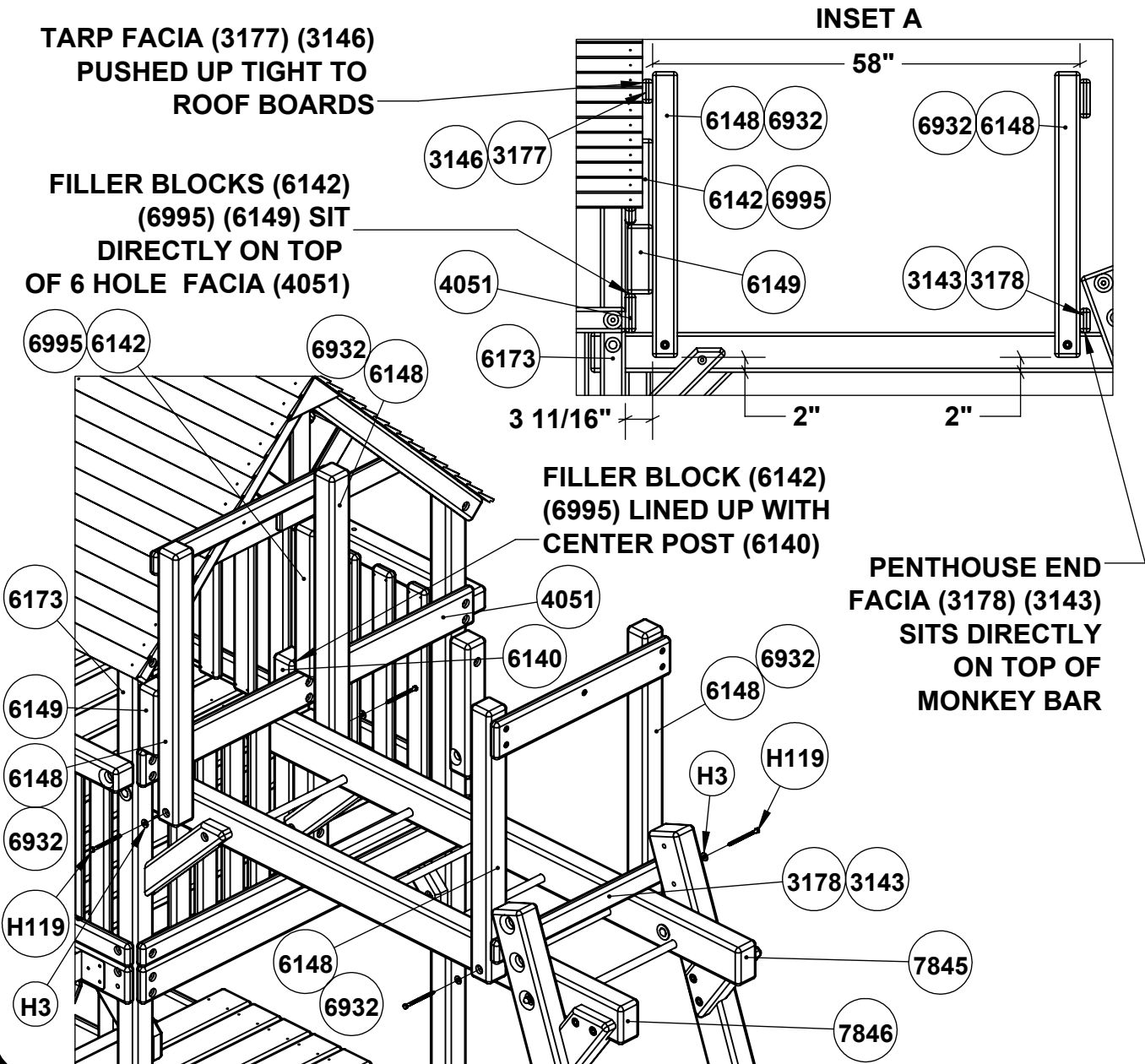
**\*NOTE:** A helper will be needed for this Step, as well as the Steps moving forward.

1. With the aid of a helper, hold the first Penthouse end with the attached Filler Blocks (6142) (6995) (6149), up 2" from bottom of Monkey Bar and attach to Monkey Bar using 3/8" Hardware (H3) (H119).

**\*NOTE:** Tarp Facia (3177) (3146) must be pushed up tight to Roof Boards. Bottom of Penthouse Corner Posts (6149) will measure 3 11/16" from Corner Upright (6129) when properly installed. Filler Blocks (6142) (6995) (6149) should sit directly on top of 6 Hole Facia (4051) when properly installed (as shown in Inset A).

2. Hold the second Penthouse end up 2" from bottom of Monkey Bar and attach to Monkey Bar using 3/8" Hardware (H3) (H119). Penthouse Corner Posts must measure 58" apart when properly installed (as shown in Inset A).

**\*NOTE:** Penthouse End Facia (3178) (3143) will sit directly on top of Monkey Bar when properly installed (as shown in Inset A).



# Step 47

## 60" Deck Height Penthouse Installation (Wood Roof)

**\*NOTE:** A helper will be needed for this Step, as well as the Steps moving forward.

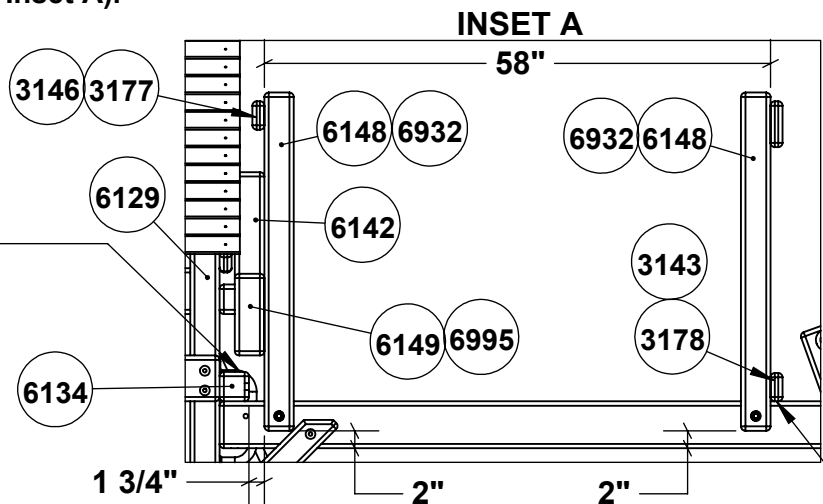
1. With the aid of a helper, hold the first Penthouse end with the attached Filler Blocks (6142) (6995) (6149), up 2" from bottom of Monkey Bar and attach to Monkey Bar using 3/8" Hardware (H3) (H119). Penthouse Corner Posts (6148) (6932) must be positioned 1 3/4" away from Accessory Arm (6134) (as shown in Inset A).

**\*NOTE:** Filler Blocks (6142) (6995) (6149) will sit 1 7/8" up from top of Accessory Arm (6134) when properly installed.

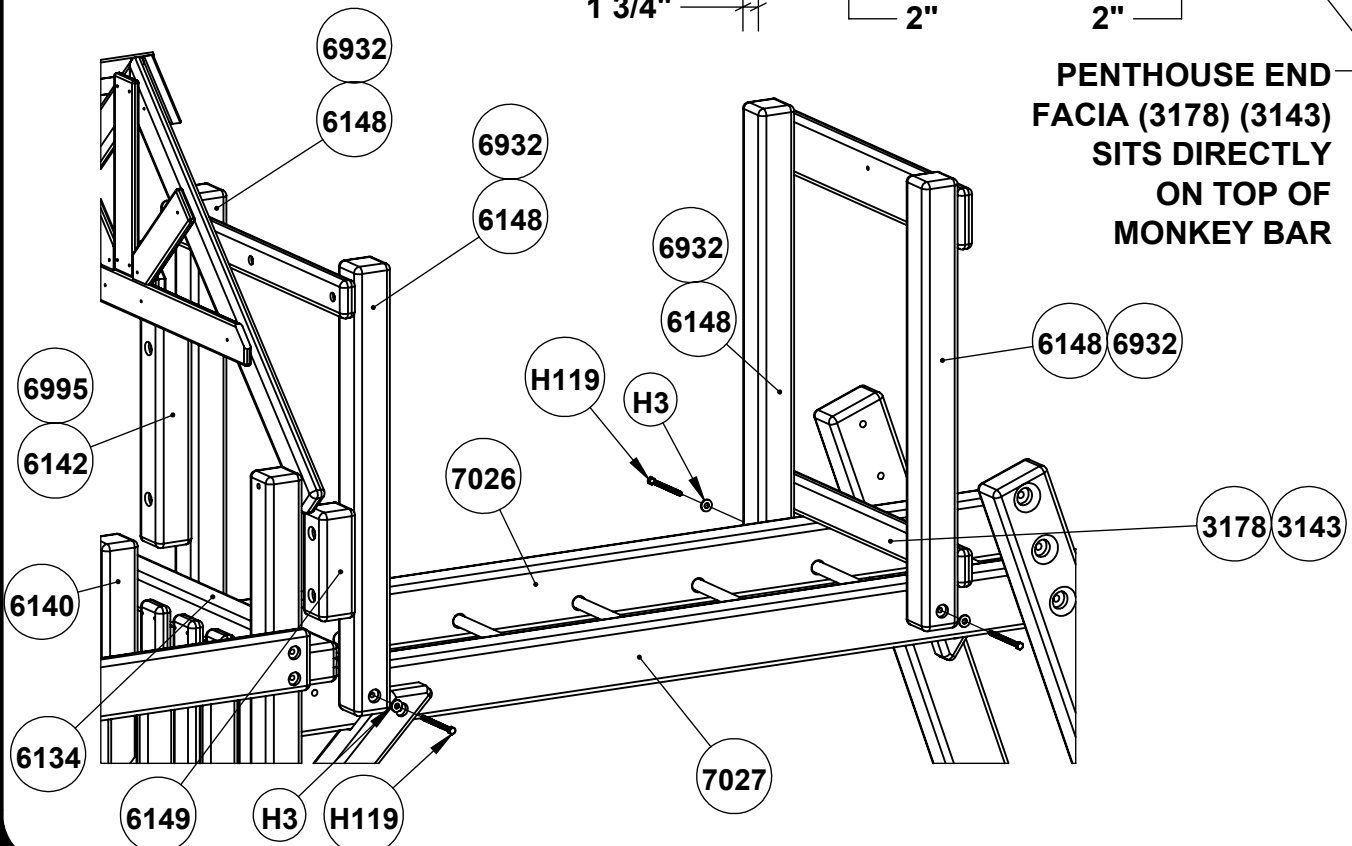
2. Hold the second Penthouse end up 2" from bottom of Monkey Bar and attach to Monkey Bar using 3/8" Hardware (H3) (H119). Penthouse Corner Posts must measure 58" apart when properly installed (as shown in Inset A).

**\*NOTE:** Penthouse End Facia (3178) (3143) will sit directly on top of Monkey Bar when properly installed (as shown in Inset A).

**FILLER BLOCKS (6142) (6995)  
(6149) WILL SIT 1 7/8" UP  
FROM TOP OF ACCESSORY  
ARM (6134)**



**PENTHOUSE END  
FACIA (3178) (3143)  
SITS DIRECTLY  
ON TOP OF  
MONKEY BAR**



# Step 48

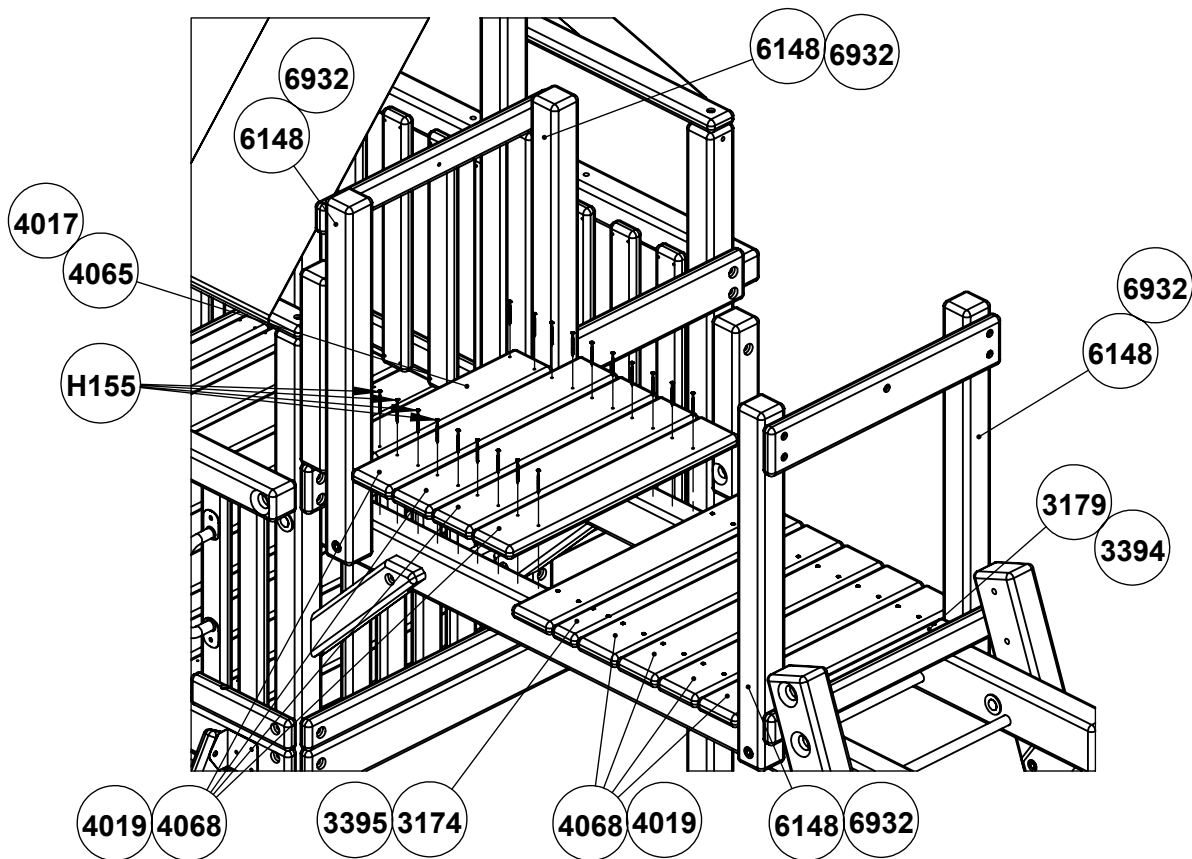
## Penthouse Deck Board Installation

**\*NOTE:** Installation of Deck Boards is shown on the Tarp Version, the installation processes will be the same for the Wood Roof Version.

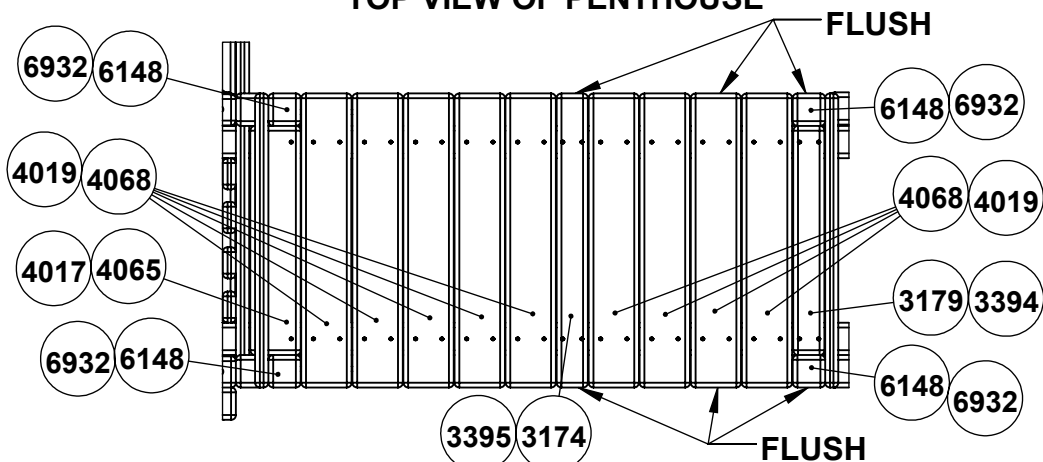
1. Layout and equally space Deck Boards (3174) (3395) (3179) (3394) (4065) (4017) (4068) (4019) on top of Monkey Bar, in between Penthouse Corner Posts (6148) (6932), referring to Top View of Penthouse.

**\*NOTE:** Ends of Deck Boards (3174) (3395) (4068) (4019) must be flush with outside faces of Penthouse Corner Posts (6148) (6932) (as shown in Top View of Penthouse).

2. Attach Deck Boards (3174) (3395) (3179) (3394) (4065) (4017) (4068) (4019) to Monkey Bar using #8 Hardware (H155).



TOP VIEW OF PENTHOUSE





# Step 49

## Penthouse Side Board Installation

**\*NOTE:** Installation processes are shown with the Tarp Version, the Wood Roof will use the same processes unless otherwise noted.

**\*NOTE:** If installing Spiral Slide, only install Penthouse Side Boards (3181) (3397) (4069) (4020) on one side, opposite the side the Spiral Slide is being mounted on. Instructions to install the Penthouse Side Boards for the Spiral Slide will be shown in the next Step.

1. Position the bottom Penthouse Side Board (3181) (3397) 3 3/8" up from bottom of Penthouse Corner Posts (6148) (6932) and attach using 1/4" Hardware (H1) (H97).

**\*NOTE:** Top of Penthouse Side Board (3181) (3397) will be flush with top of Penthouse End Facia (3178) (3143) when properly installed.

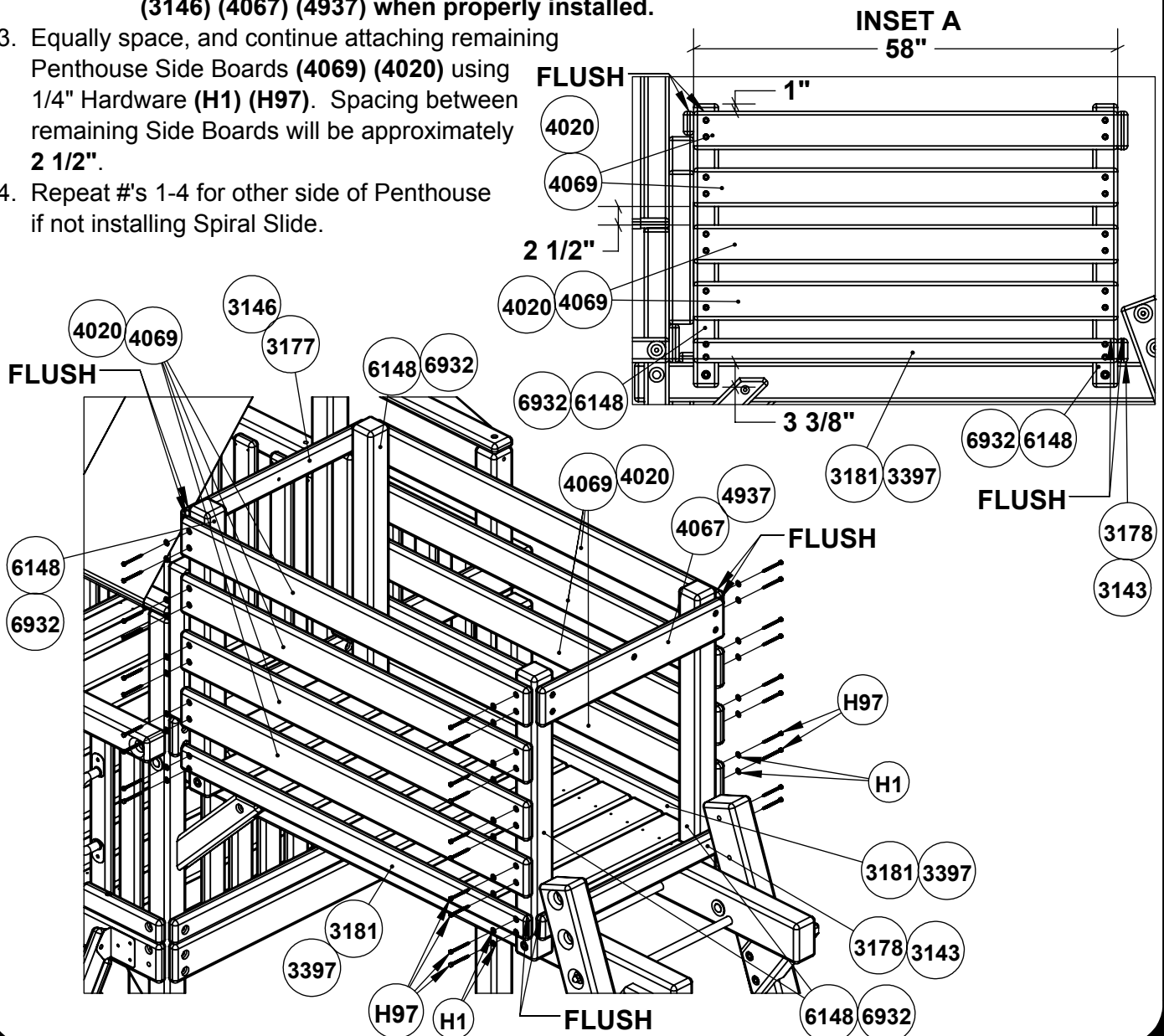
**\*TIP:** Install one lag bolt in each end of the top and bottom Penthouse Side Boards (3181) (3397) (4069) (4020). Check that the Penthouse side is square, then install the other lag bolts.

2. Position the top Penthouse Side Board (4069) (4020) 1" down from top of Penthouse Corner Posts (6148) (6932) and attach using 1/4" Hardware (H1) (H97).

**\*NOTE:** Top of Penthouse Side Board (4069) (4020) will be flush with tops of Tarp Facias (3177) (3146) (4067) (4937) when properly installed.

3. Equally space, and continue attaching remaining Penthouse Side Boards (4069) (4020) using 1/4" Hardware (H1) (H97). Spacing between remaining Side Boards will be approximately 2 1/2".

4. Repeat #'s 1-4 for other side of Penthouse if not installing Spiral Slide.



# Step 50

## Penthouse Side Board Installation (for Spiral Slide)

**\*NOTE:** Spiral Slide can only be mounted on the 60" Deck Height.

**\*NOTE:** Installation processes are shown with the Tarp Version, the Wood Roof will use the same processes unless otherwise noted.

1. Position the bottom Penthouse Side Board (3398) 3 3/8" up from bottom of Penthouse Corner Posts (6932) and attach using 1/4" Hardware (H1) (H97).

**\*NOTE:** Bottom of Penthouse Side Board (3398) will be flush with bottom of the Deck Boards when properly installed.

**\*NOTE:** Holes in the ends of Penthouse Side Boards (3398) (4021) are drilled at different distances. Be sure that Side Boards are oriented as shown in Inset A.

2. Position the top Penthouse Side Board (4020) 1" down from top of Penthouse Corner Posts (6932) and attach using 1/4" Hardware (H1) (H97).

**\*NOTE:** Top of Penthouse Side Board (4020) will be flush with tops of Tarp Facias (3146) (4937) when properly installed.

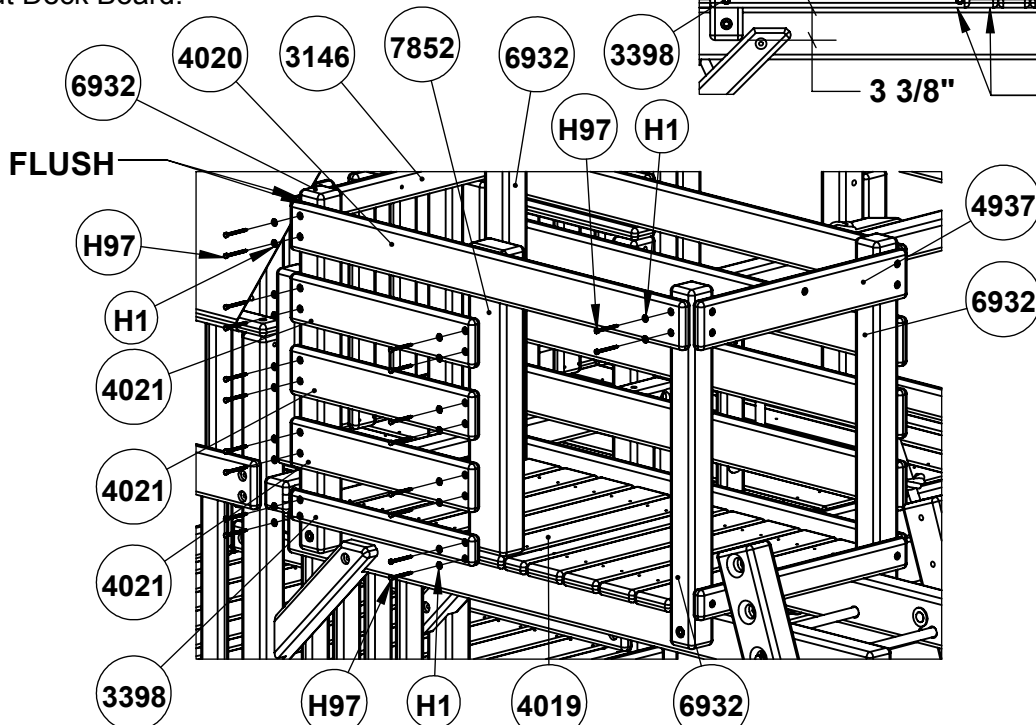
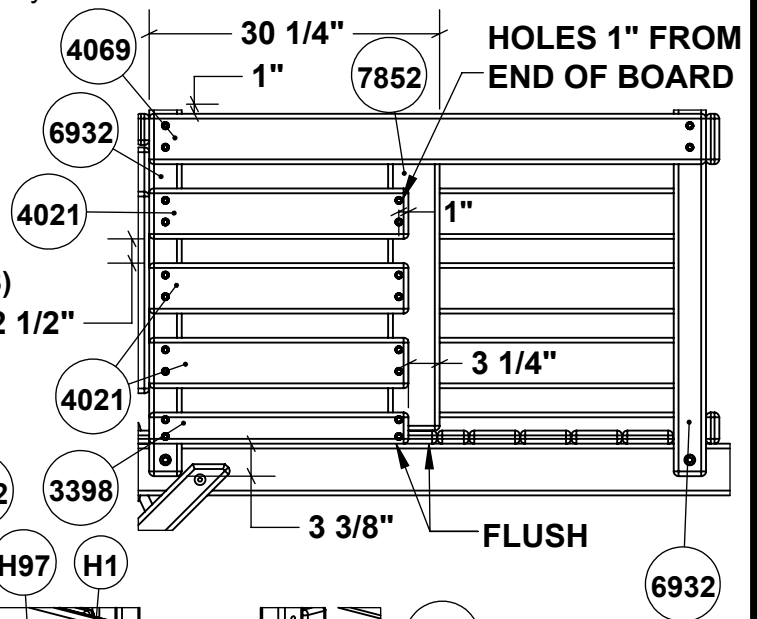
3. Equally space, and continue attaching remaining Penthouse Side Boards (4021) using 1/4" Hardware (H1) (H97). Spacing between remaining Side Boards will be approximately 2 1/2".

4. Position Penthouse Spiral Upright (7852) directly on Deck and attach through Penthouse Side Boards (3398) (4021) using 1/4" Hardware (H1) (H97).

**\*NOTE:** Penthouse Upright (7852) will measure 30 1/4" from Penthouse Corner Post (6932) when properly installed.

5. Finish attaching Penthouse Side Board (3398) to Deck Board (4068) using 1/4" Hardware 2 1/2". Be sure to pre-drill Deck Board (4019) using a 1/8" drill bit to avoid splitting out Deck Board.

INSET A



# Step 51

## Penthouse Rail Upright & Monkey Bar Entrapment Board Installation

**\*NOTE:** Installation is shown on the Tarp Version, the Wood Roof Version will use the same processes.

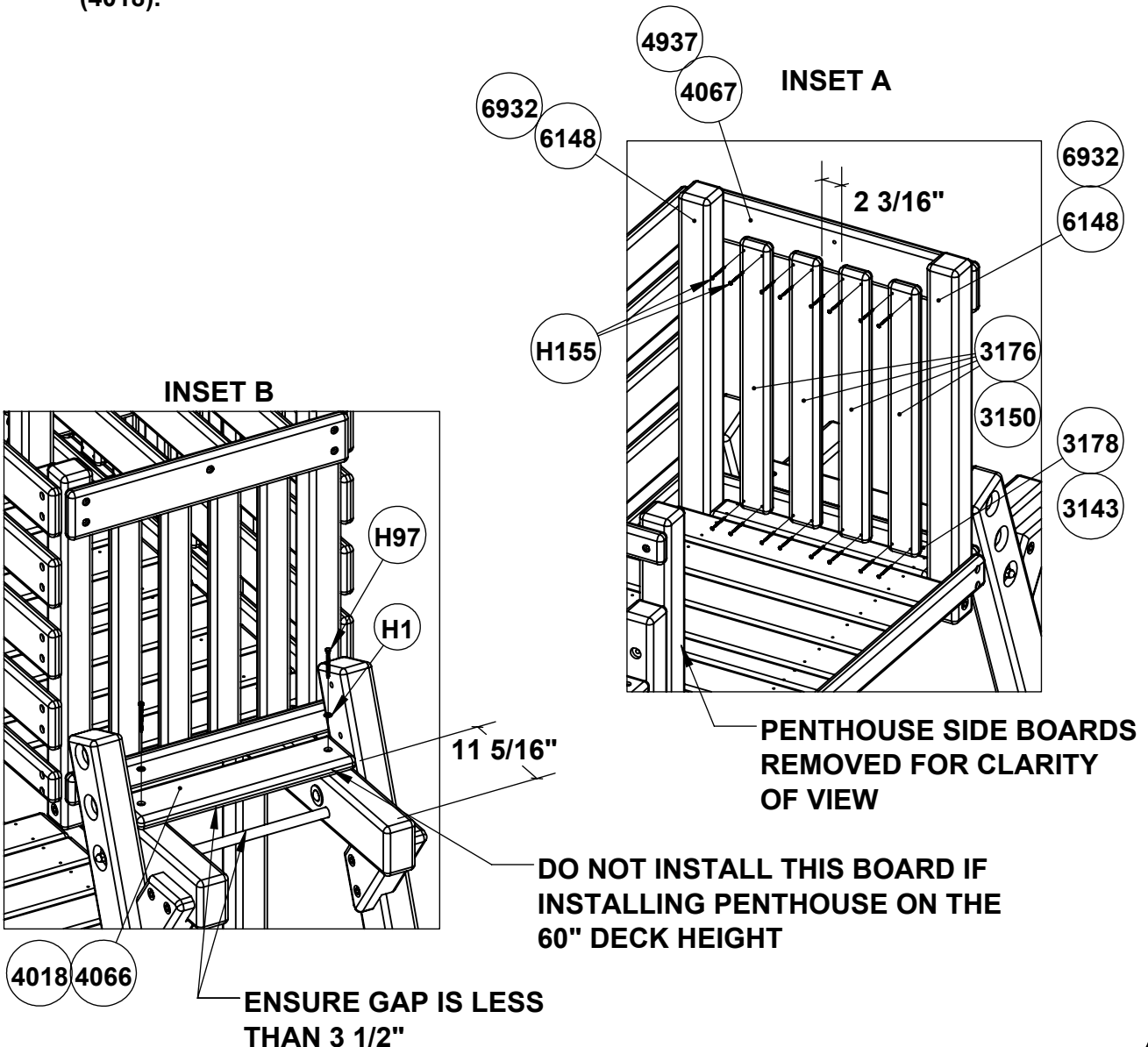
1. Evenly space Penthouse Rail Uprights (3176) (3150) across Tarp Facia (4067) (4937) and Penthouse End Facia (3178) (3143). Attach Penthouse Rail Uprights (3176) (3150) using #8 Hardware (H155) (as shown in Inset A).

**\*NOTE:** Spacing between Rail Uprights will be approximately 2 3/16" when properly installed.

2. Position Monkey Bar Entrapment Board (4066) (4018) on top of Monkey Bar, approximately 11 5/16" from end of Monkey Bar (as shown in Inset B). Attach Monkey Bar Entrapment Board using 1/4" Hardware (H1) (H97).

**\*NOTE:** Ensure that gap in between Entrapment Board and Rung on Monkey Bar is less than 3 1/2" (as shown in Inset B).

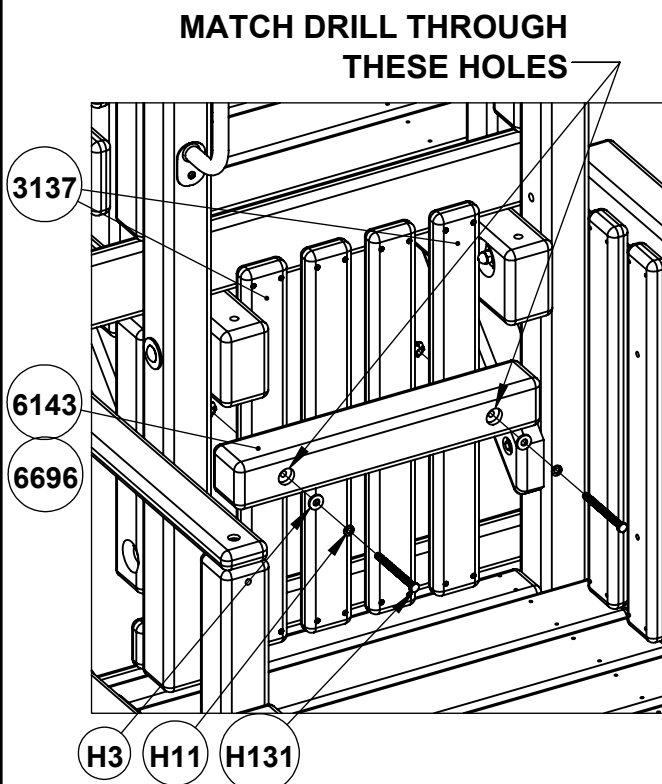
**\*NOTE:** If installing Penthouse on the 60" Deck Height, do not install Entrapment Board (4066) (4018).



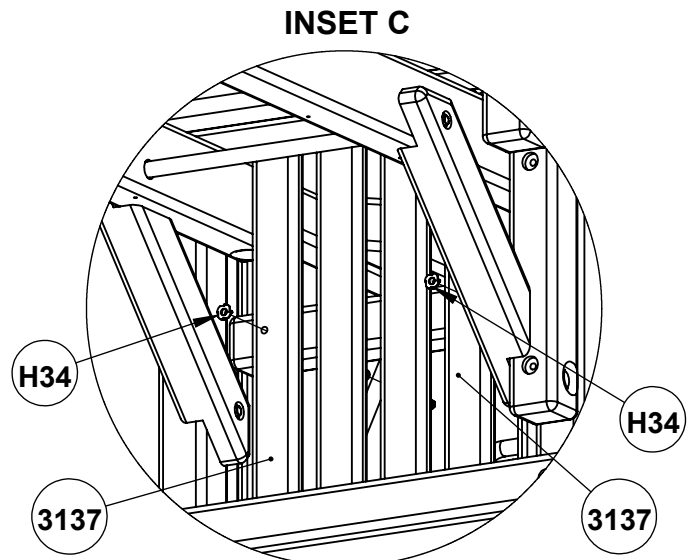
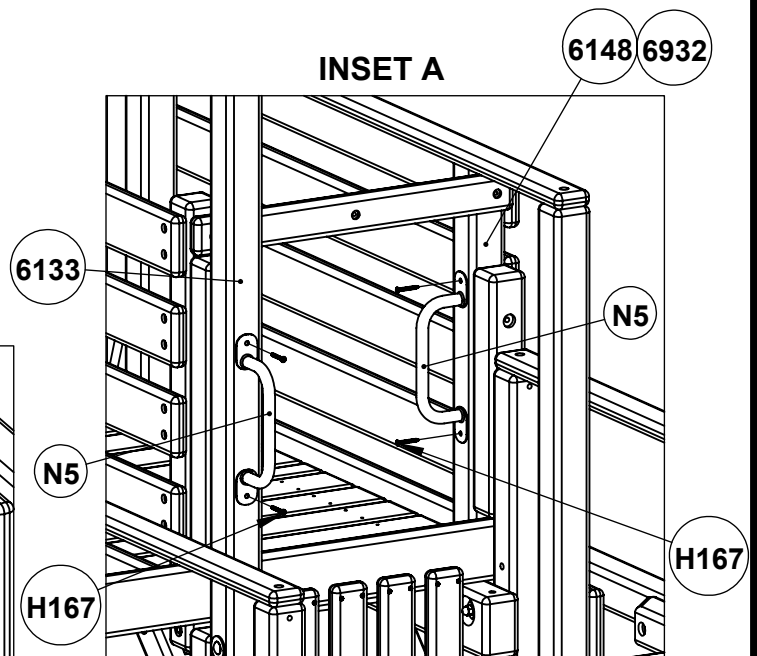
# Step 52

## Safety Handle & Step Block Installation

1. Position Safety Handles (**N5**) against Penthouse Corner Post (**6148**) (**6932**) and Center Post (**6138**), in approximate locations shown, and attach using #14 Hardware (**H167**) (as shown in Inset A).
2. Hold Step Block (**6143**) (**6696**) against Rail Uprights (**3137**) and match drill through counter bored holes in Step Block using a **7/16"** drill bit (as shown in Inset B).  
**\*NOTE: Ensure that when positioning Step Block (6143) against Rail Uprights that the counter bored holes in Step Block line up with BOTH Rail Uprights.**
3. Attach Step Block (**6143**) (**6696**) to Rail Uprights (**3137**) using **3/8"** Hardware (**H3**) (**H11**) (**H34**) (**H131**) (as shown in Inset B & Inset C).  
**\*NOTE: A small hammer or mallet may be needed to pound in 3/8" Hardware (H34).**



INSET B



# Step 53

## Penthouse Center Post & Tarp Board Installation

**\*NOTE:** If installing Penthouse Wood Roof, skip to Step 55.

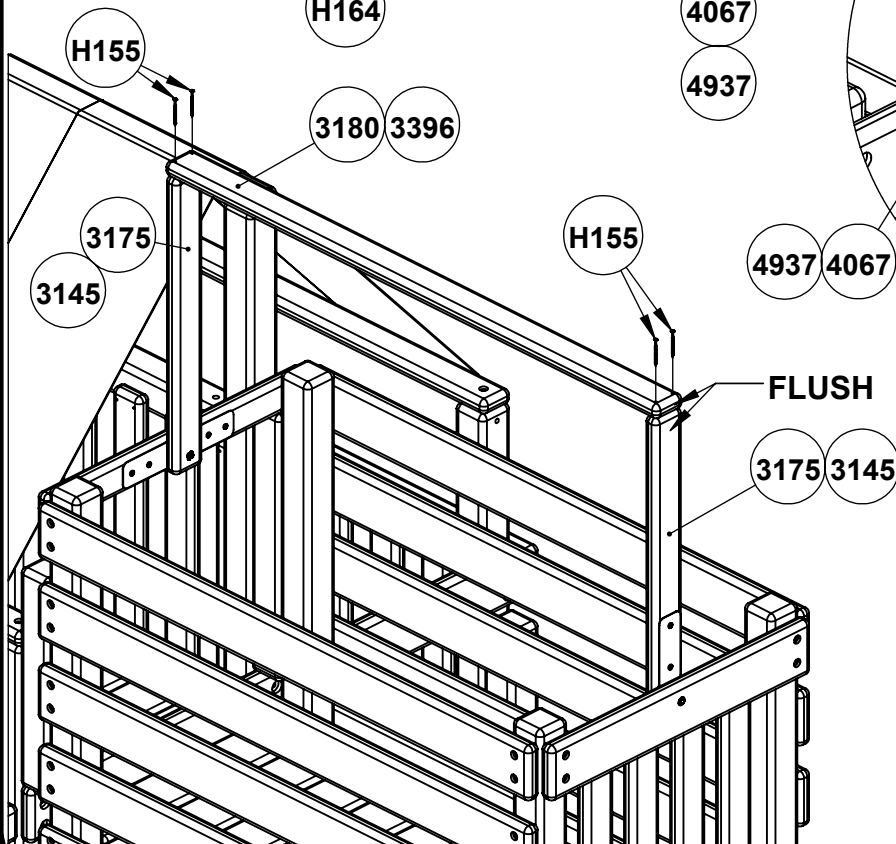
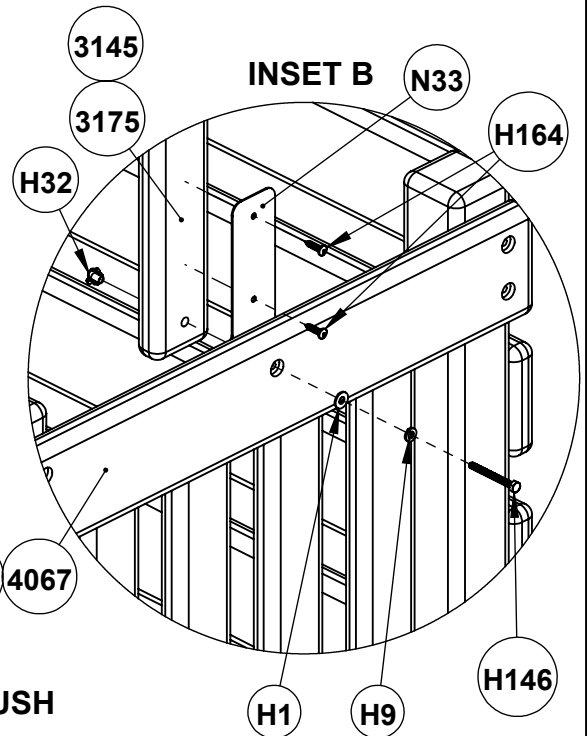
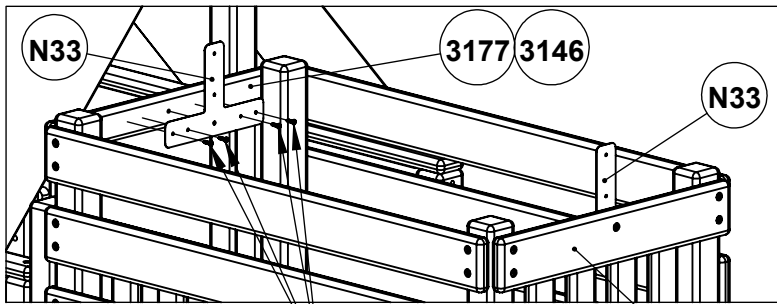
**\*NOTE:** Be sure to complete #'s 1-3 for both T-Brackets (N33) and Center Posts (3175).

1. Position T-Brackets (N33) against Tarp Facias (3177) (3146) (4067) (4937), lining up bottom center holes in T-Bracket with the center holes in the Tarp Facias. Attach T-Brackets (N33) to Tarp Facias (3177) (3146) (4067) (4937) using #14 Hardware (H164) (as shown in Inset A).
2. Line up the holes in Penthouse Center Posts (3175) (3145) with the holes in the T-Brackets (N33) and Tarp Facias (3177) (3146) (4067) (4937), and attach Center Posts using 1/4" Hardware (H1) (H9) (H32) (H146) (as shown in Inset B).

**\*NOTE:** A small hammer or mallet may be needed to pound 1/4" Hardware (H32) into Center Posts (3175) (3145).

3. Attach Center Posts (3175) (3145) through front sides of T-Brackets (N33) using #14 Hardware (H164).
4. Position Tarp Board (3180) (3396) on top of Center Posts (3175) (3145), flushing ends of Tarp Board with faces of Center Post (as shown). Attach Tarp Board to Center Posts using #8 Hardware (H155).

INSET A



# Step 54

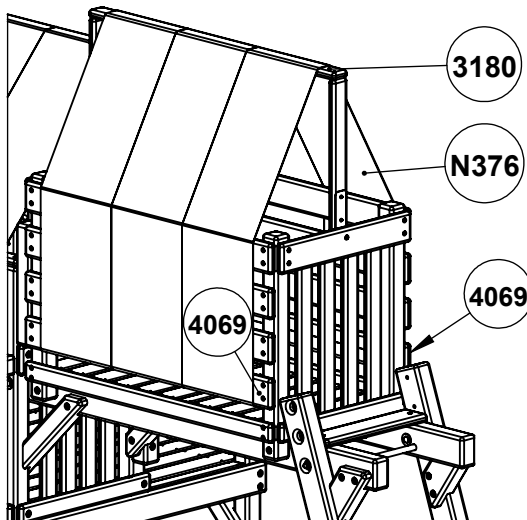
## Tarp Installation

**\*NOTE:** Snap Screws (H183) are rolled up in the Tarps.

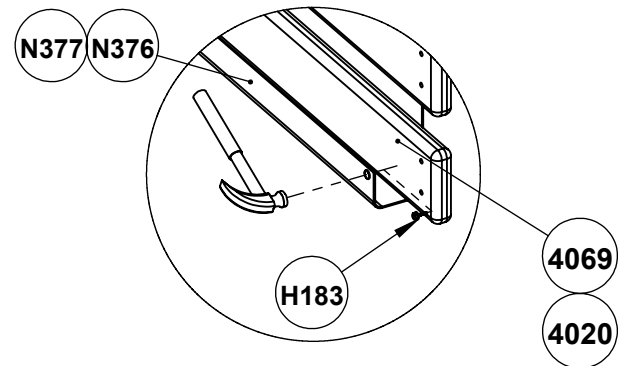
**\*NOTE:** Processes for installing the Tarps (N376) (N377) on the Penthouse and Penthouse with Spiral Slide will be the same. Tarp (N377) will be wrapped around top Penthouse Side Board (4020), on one side of the Penthouse.

1. Evenly spread Tarp (N376) (N377) over the top Tarp Board (3180) (3396). Female ends of the tarp snaps should face in towards each other when the tarp is freely hanging.
2. Wrap Tarp under bottom Penthouse Side Board (4069) (4020). On inside of Penthouse, starting with the middle tarp snaps, work your way out gently tapping each tarp snap to leave an indentation in the wood.
  - \*NOTE:** If installing Tarp (N377) on Penthouse with Spiral Slide, install Tarp on bottom Penthouse Side Board opposite the side the Spiral Slide is being mounted on.
  - \*NOTE:** Ensure Tarp (N376) (N377) is pulled tight across Penthouse Side Board (4069) (4020) when marking Snap Screw locations.
  - \*NOTE:** Tarp will sit about half way up the Penthouse Side Board (4069) (4020), on inside of Penthouse, when properly installed.
3. Install Snap Screws (H183) in the center of the indentations (as shown in Inset A).
4. Snap the Tarp (N376) (N377) on the Snap Screws (H183).
5. Repeat #'s 2, 3 and 4 for the other side. Ensure Tarp (N376) (N377) is pulled tight when marking Snap Screw locations.
  - \*NOTE:** Tarp (N377) will be installed on top Penthouse Side Board if installing Spiral Slide. Penthouse Upright (7852) may need to be pulled away from top Penthouse Side Board (4020) to get Tarp (N377) pulled up tight.
6. After installing Tarp (N377), position 90° Brackets (N8) against Penthouse Side Board (4020) and Penthouse Upright (7852). Attach 90° Brackets (N8) using #14 Hardware (H164) (as shown in Inset B).

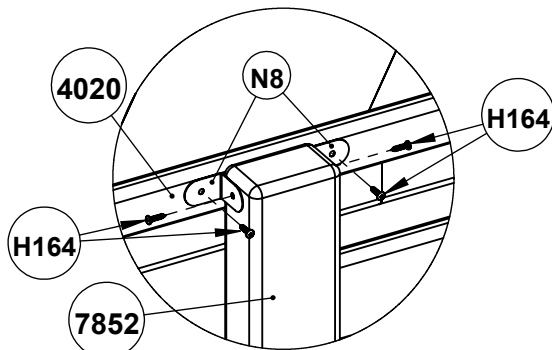
### PENTHOUSE WITHOUT SPIRAL SLIDE



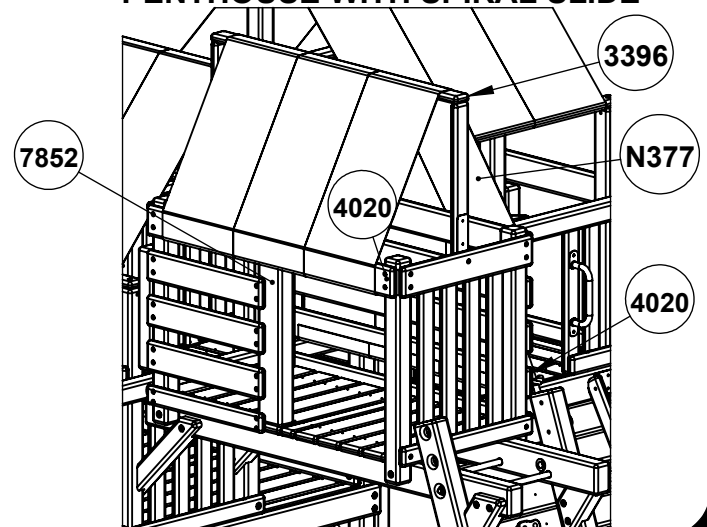
### INSET A



### INSET B



### PENTHOUSE WITH SPIRAL SLIDE



# Step 55

## Penthouse Wood Roof Support Assembly

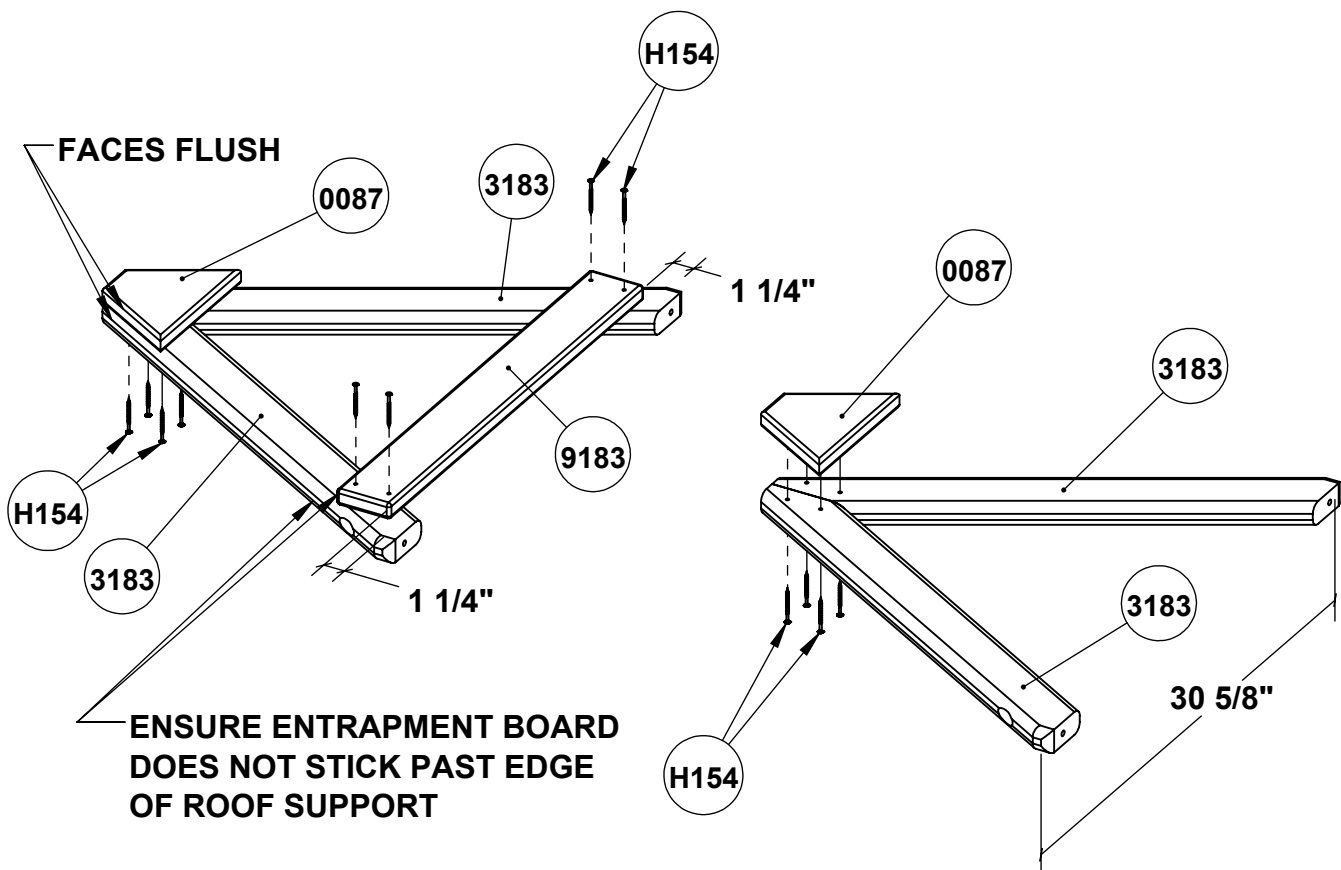
1. On a flat Surface, layout Roof Supports (3183) and Peak Facias (0087) (as shown below). Attach Peak Facias (0087) to Roof Supports (3183) using #8 Hardware (H154).

\*NOTE: Bottoms of Roof Supports must measure 30 5/8" apart when properly installed.

\*NOTE: Angled faces of Peak Facias must line up with faces of Roof Supports when properly installed.

2. On one of the Roof Support assemblies, position Entrapment Board (9183) 1 1/4" up from bottom of Roof Supports (3183). Attach Entrapment Board (9183) to Roof Supports (3183) using #8 Hardware (H154).

\*NOTE: Ensure ends of Entrapment Board do not stick past edges of Roof Supports.



# Step 56

## Penthouse Wood Roof Support Installation

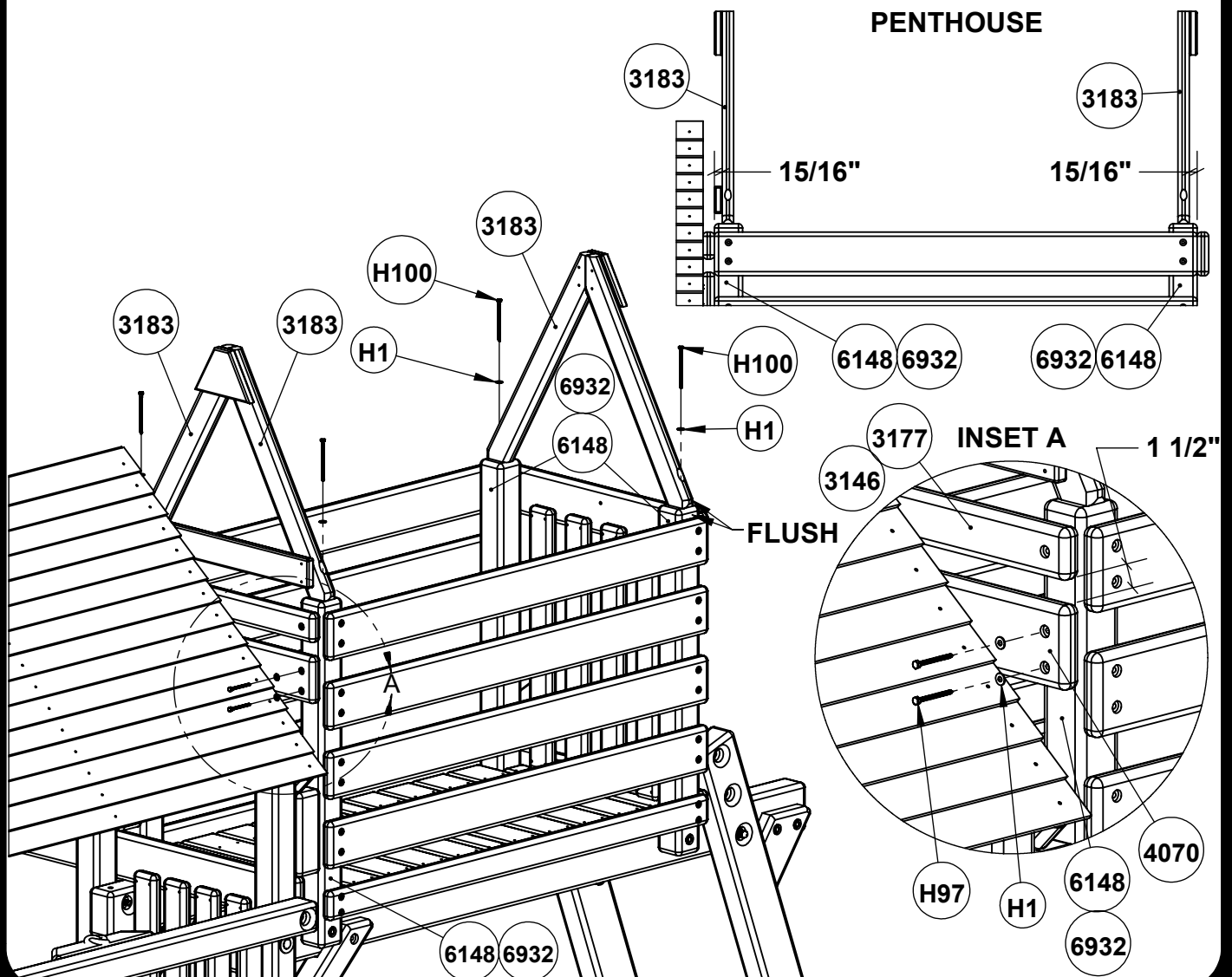
**\*NOTE:** Installation processes will be the same if installing the Wood Roof on the Penthouse with Spiral Slide.

1. Position Roof Support assemblies on top of Penthouse Corner Posts (6148) (6932), 15/16" from ends of Penthouse Corner Posts (6148) (6932) (as shown in Side View of Penthouse). Attach assemblies to Corner Posts using 1/4" Hardware (H1) (H100).

**\*NOTE:** Ends of Penthouse Roof Supports (3183) must be flush with outsides of Penthouse Corner Posts (6148) (6932) when properly installed.

2. Position Penthouse Wood Roof Filler (4070) against Penthouse Corner Post (6148) (6932), 1 1/2" down from bottom of Tarp Facia (3177) (3146) (as shown in Inset A). Attach Filler to Corner Post using 1/4" Hardware (H1) (H97).

SIDE VIEW OF  
PENTHOUSE

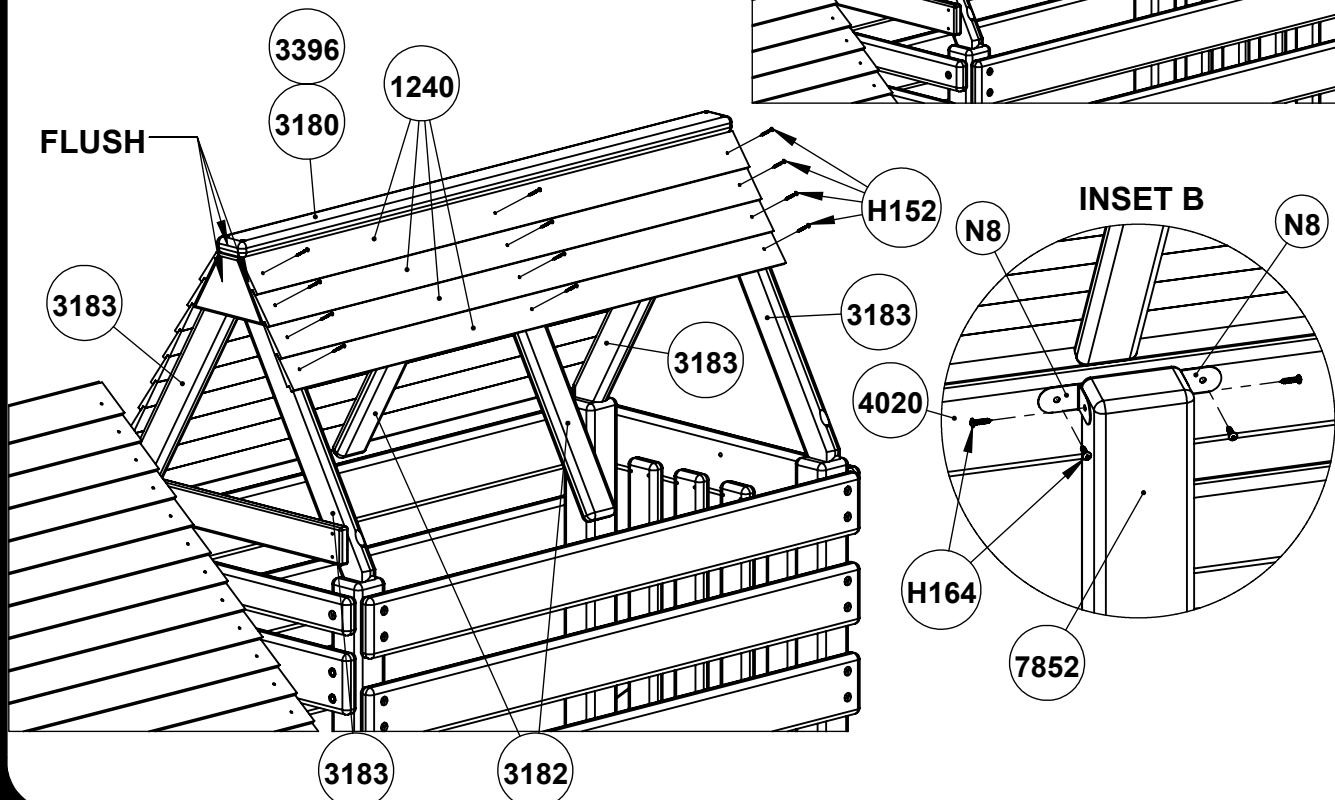
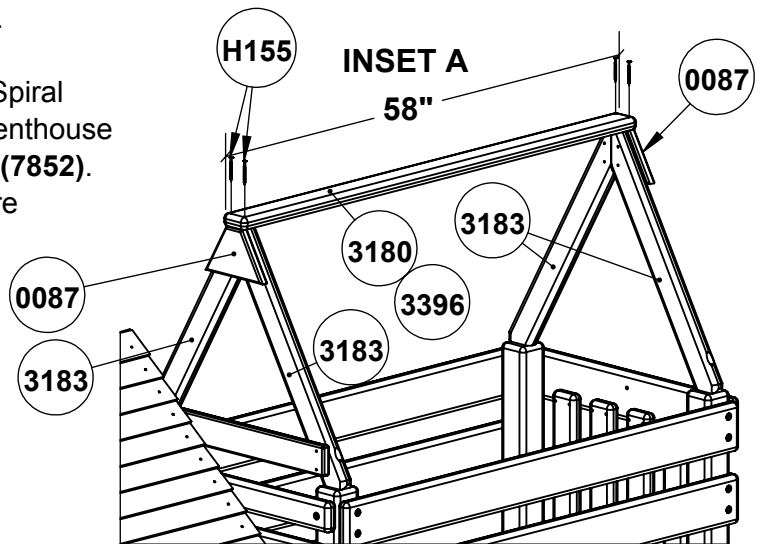




# Step 57

## Roof Board Installation

1. Position Tarp Board (3180) (3396) on top of Roof Supports (3183) and Peak Facias (0087). Attach Tarp Board to Peak Facias using #8 Hardware (H155).  
**\*NOTE: Peak Facias (0087) must be 58" apart when Tarp Board is properly installed (as shown in Inset A).**
2. On one side of Roof, push top Roof Board (1240) up tight to Tarp Board (3180) (3396), flushing ends of Roof Board with outside faces of Peak Facias (0087). Attach Roof Board (1240) to Roof Support (3183) using #8 Hardware (H152). Attach three more Roof Boards, making sure ends of Roof Boards are flush.  
**\*NOTE: Holes towards ends of Roof Boards (1240) should line up with the center of Roof Supports (3183) when properly installed.**
3. On underside of Roof Boards (1240), center and attach Roof Runner (3182) through Roof Boards using #8 Hardware (H152).  
**\*NOTE: Top of Roof Runner (3182) should be approximately 3/4" from top Roof Board (1240) when properly installed.**
4. Finish attaching remaining six Roof Boards.
5. Repeat #'s 1-4 for other side of roof.
6. If installing Wood Roof on Penthouse with Spiral Slide, position 90° Brackets (N8) against Penthouse Side Board (4020) and Spiral Slide Upright (7852). Attach 90° Bracket (N8) using #14 Hardware (H164).



# Step 58

## Spiral Slide Assembly

- \*NOTE: Spiral Slide can only be mounted on the Penthouse on the 60" Deck Height.
- \*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 page 107.

### 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:

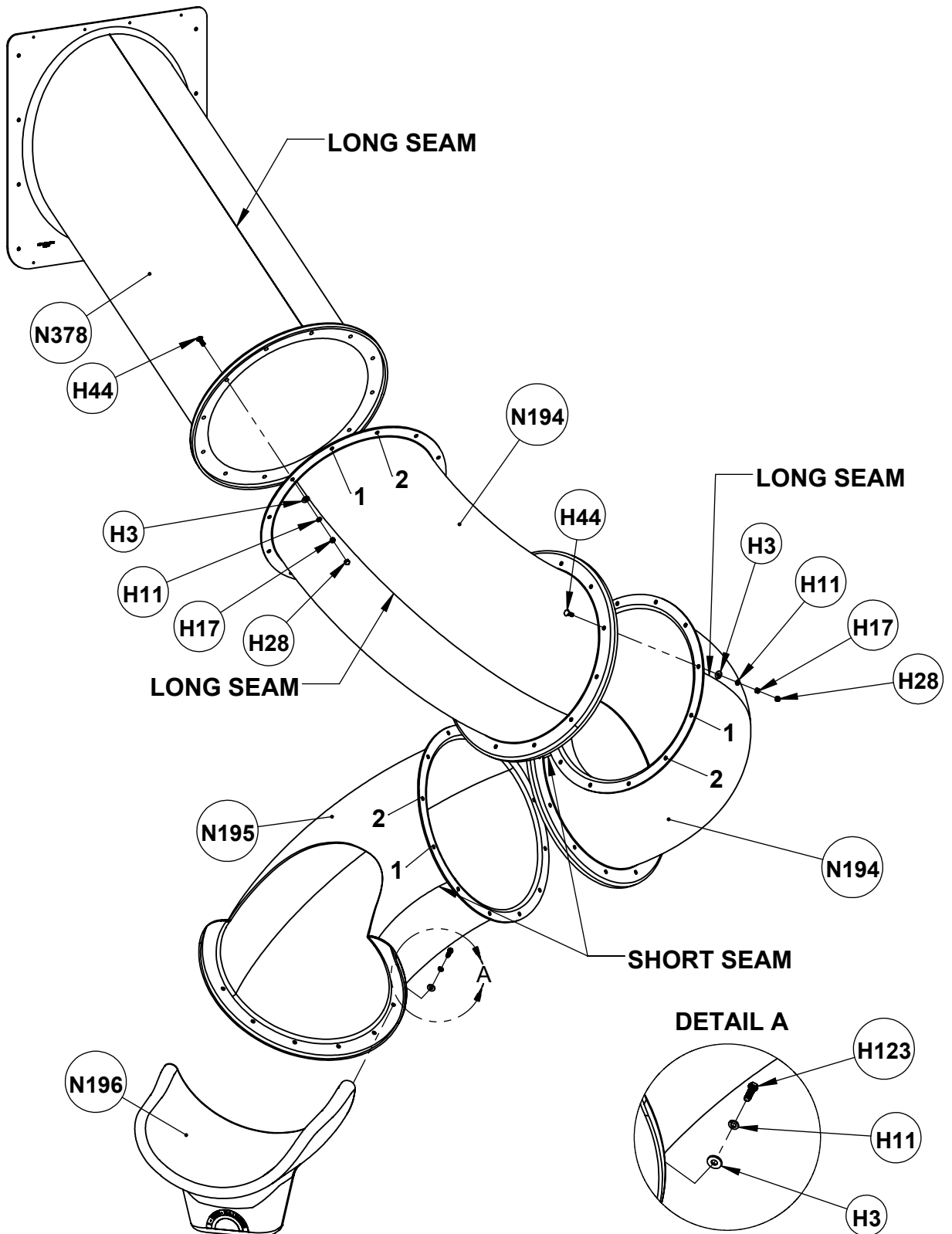
1. Line up the long seam on the Spiral Entrance Panel (**N378**) with the long seam on the first 90° Elbow (**N194**). Rotate the 90° Elbow two holes to the right (clockwise) and attach using 3/8" Hardware (**H3**) (**H11**) (**H17**) (**H28**) (**H44**).  
\*NOTE: Do not fully tighten hardware until 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).

*Continued on next page:*

# Step 58

## Spiral Slide Assembly (Left Turn)

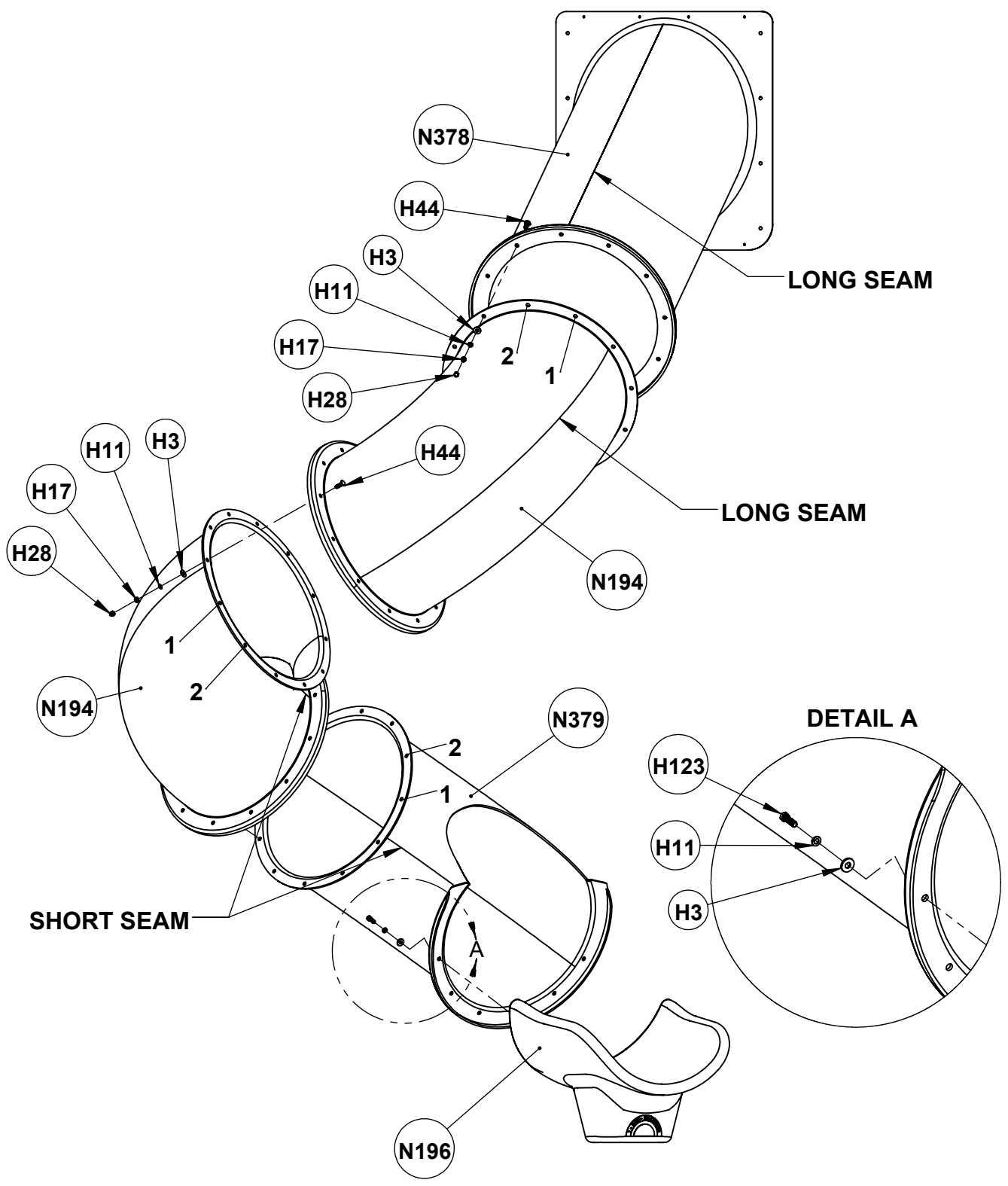
Continued from previous page:



# Step 58

## Spiral Slide Assembly (Right Turn)

Continued from page 105:



# Step 59

## Spiral Slide Installation

**\*NOTE: Spiral Slide can only be mounted on Penthouse mounted on the on 60" Deck Height.**

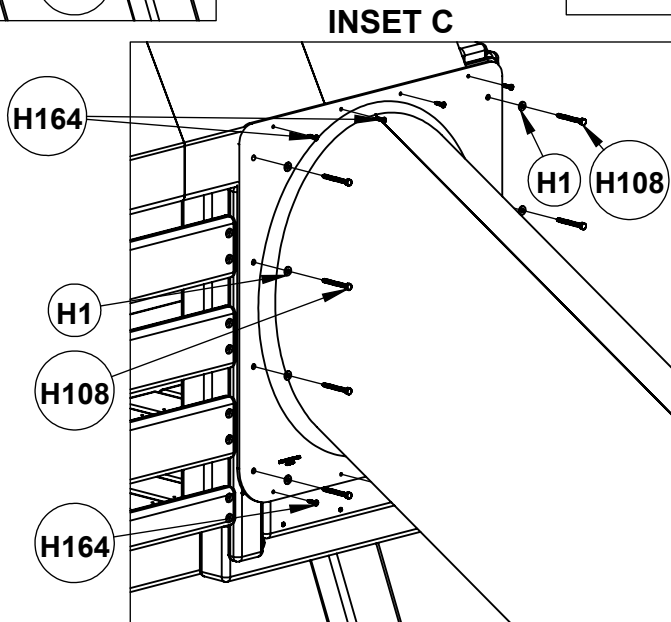
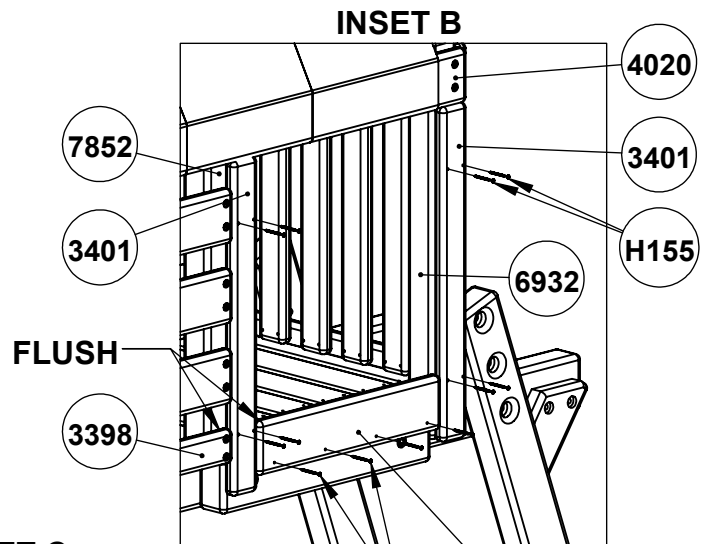
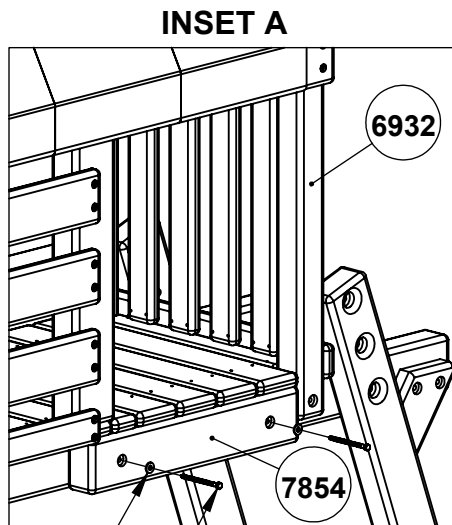
1. Position Spiral Filler Board (7854) directly under Penthouse Deck, pushed up tight against Penthouse Corner Post (6932) (as shown in Inset A). Attach Filler Board to Monkey Bar using 3/8" Hardware (H3) (H119).
2. Position Spiral Filler Boards (3401) against Spiral Upright (7852) and Penthouse Corner Post (6932), pushed up to bottom of Penthouse Side Board (4020) (as shown in Inset B). Attach Filler Boards (3401) using #8 Hardware (H155).
3. Center Spiral Filler Board (4028) between Filler Boards (3401) and attach using #8 Hardware (H155) (as shown in Inset B).

**\*NOTE: Top of Filler Board (4028) must be flush with top of Penthouse Side Board (3398) when properly installed (as shown in Inset B).**

4. Stand up Spiral Slide, centering slide on opening, and attach to Penthouse Side Board (4020) and Filler Boards (3401) using 1/4" Hardware (H1) and 5/16" Hardware (H108) (as shown in Inset C).

**\*NOTE: Be sure to pre-drill Filler Boards (3401), through holes in slide, using a 1/8" drill bit to avoid splitting out Filler Boards.**

5. Finish attaching Spiral Slide to Penthouse Side Board (4020) and Filler Board (4028) using #14 Hardware (H164) (as shown in Inset C).



# Step 60

## Cabin Facia Installation

**\*NOTE:** If installing Cabin Package, Short Center Post (6140) should have been modified (as shown in Inset A).

1. Attach 3/8" Hardware (H3) (H11) (H34) (H122) in top hole of 6 Hole Facia (4051) (as shown in Inset B).

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

2. Position Arched Cabin Facias (3188) against Corner Uprights (6173) (6174), pushed up tight to Roof Runners, and attach using 3/8" Hardware (H3) (H116).

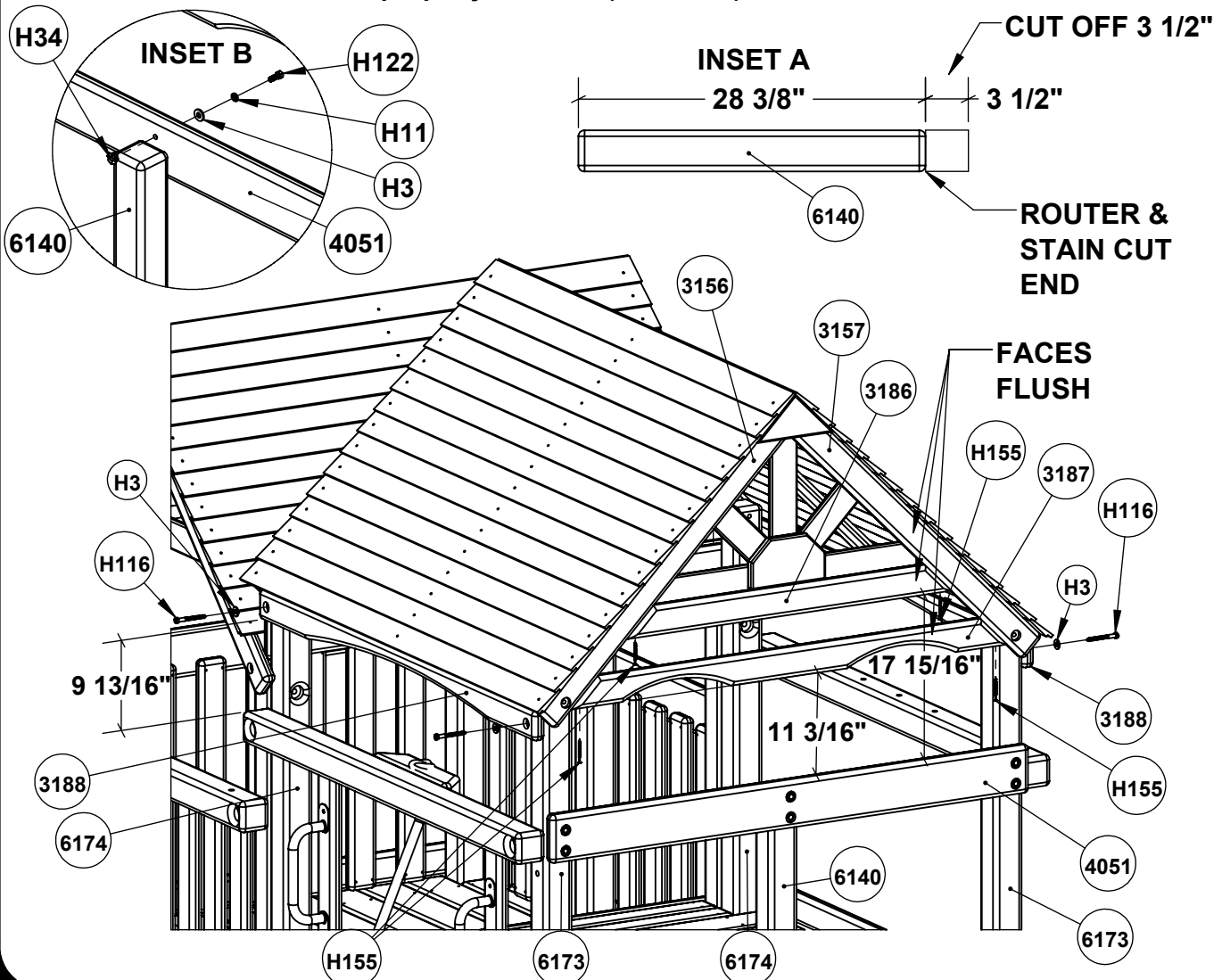
**\*NOTE:** Arched Cabin Facias should measure approximately 9 13/16" up from Accessory Arm and Top Joist when properly installed.

3. Push Angled Cabin Facia (3186) up tight to Roof Supports (3156) (3157), making sure that the faces of Facias & Supports are flush (as shown). Attach Facia to Supports using #8 Hardware (H155).

**\*NOTE:** Bottom of Angled Cabin Facia should measure approximately 17 15/16" up from 6 Hole Facia when properly installed (as shown). Cabin Package will not be installed in middle of set, between decks.

4. Push Arched Cabin Facia (3187) up tight to Roof Supports (3156) (3157), making sure that the faces of Facias & Supports are flush (as shown). Attach Facia to Supports using #8 Hardware (H155).

**\*NOTE:** Bottom of Arched Cabin Facia should measure approximately 11 3/16" up from 6 Hole Facia when properly installed (as shown).



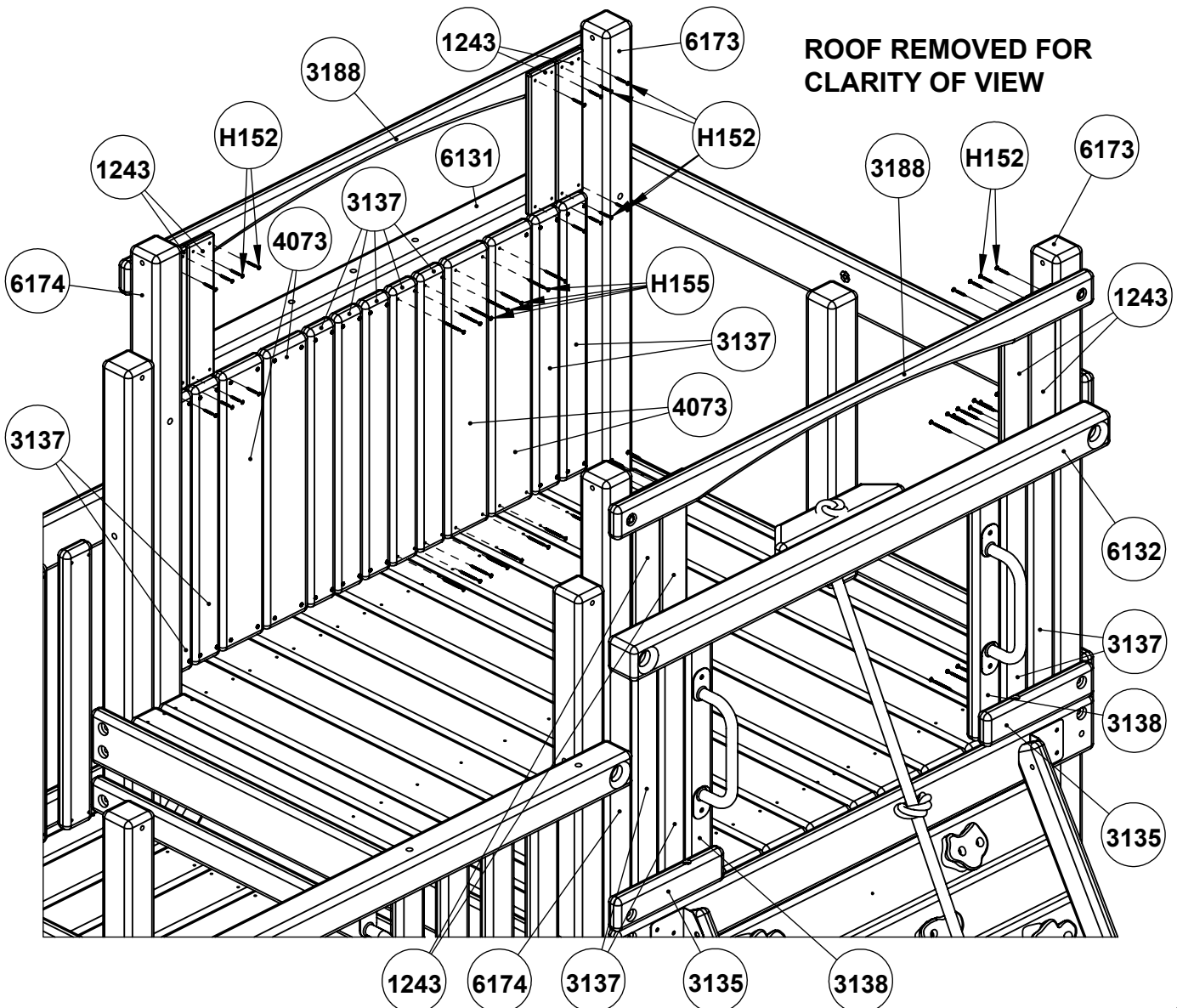
# Step 61

## Cabin Upright Installation

1. Evenly space Rail Uprights (3137) (4073) between Corner Uprights (6173) (6174), across Top Joist (6131) and 2 Hole Facia (3143). Attach Rail Uprights using #8 Hardware (H155).
2. Position Cabin Uprights (1243) directly on top of Rail Uprights (3137), pushed up tight to each other and Corner Posts (6173) (6174). Attach Cabin Uprights to Top Joist (6131) and Arched Cabin Facia (3188) using #8 Hardware (H152).
3. Position Rail Uprights (3137) against Top Joist (6132) and Corner Facias (3135), between Corner Uprights (6173) (6174) and Rail Uprights with Handle Holes (3138). Attach Rail Uprights using #8 Hardware (H155).

**\*NOTE:** Rail Uprights (3137) will fit tight in between Rail Upright with Handle Holes (3138) and Corner Uprights (6173) (6174). Rail Uprights with Handle Holes any have to be removed, and reinstalled after Rail Uprights (3137) are installed.

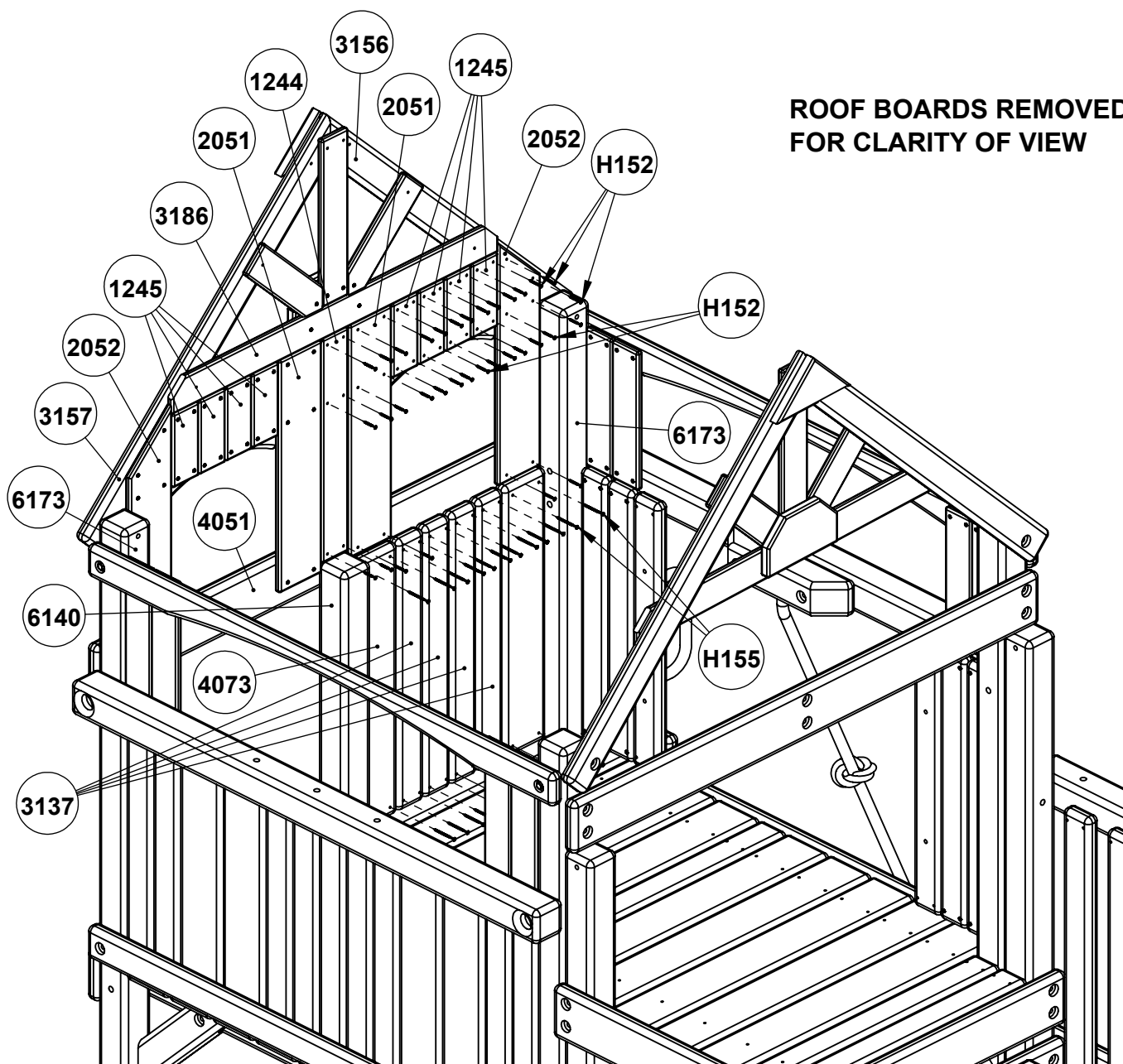
4. Position Cabin Uprights (1243) directly on top of Rail Uprights (3137), pushed up tight to each other and Corner Posts (6173) (6174). Attach Cabin Uprights to Top Joist (6132) and Arched Cabin Facia (3188) using #8 Hardware (H152).



# Step 62

## Cabin Upright Installation

1. Evenly space Rail Uprights (3137) (4073) across 6 Hole Facia (4051) and 2 Hole Facia (3139). Attach Rail Uprights using #8 Hardware (H155).  
**\*NOTE: If Monkey Bar is installed leave out a qty. of two Rail Uprights (3137) and push remaining Rail Uprights up tight to Monkey Bar.**
2. Position Cabin Uprights (2052) against 6 Hole Facia (4051) and Roof Supports (3156) (3157), pushed up tight to Roof. Attach Cabin Uprights to Roof Supports (3156) (3157) and 6 Hole Facia (4051) using #8 Hardware (H152).
3. Evenly space Cabin Uprights (1244) (1245) (2051) against Angled Cabin Facia (3186) and Arched Cabin Facia (3187) and attach using #8 Hardware (H152).  
**\*NOTE: Cabin Uprights (1244) (1245) (2051) should be pushed up to bottom of Fan Horizontal (1231) when properly installed.**

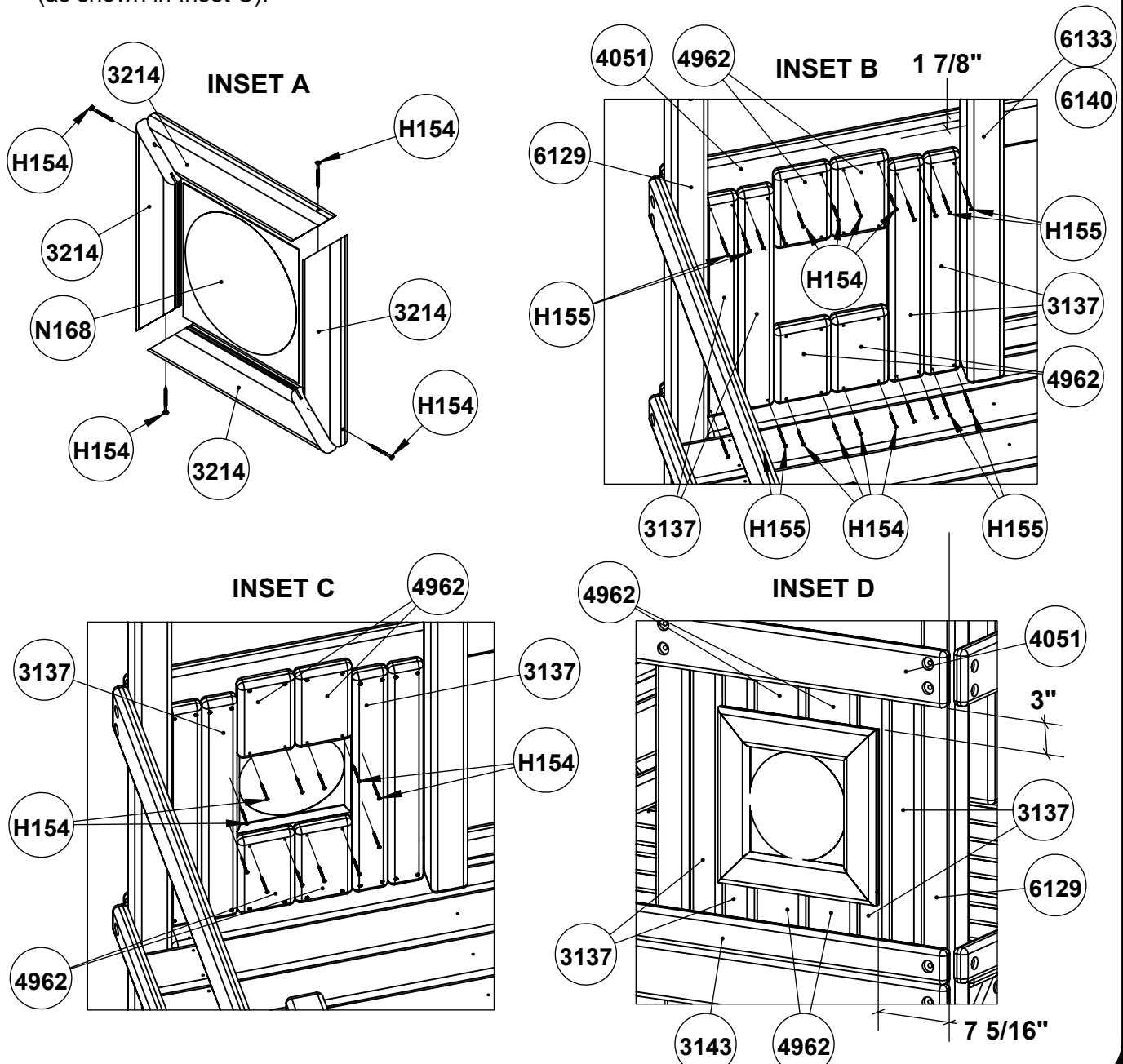




# Step 63

## Bubble Window Installation

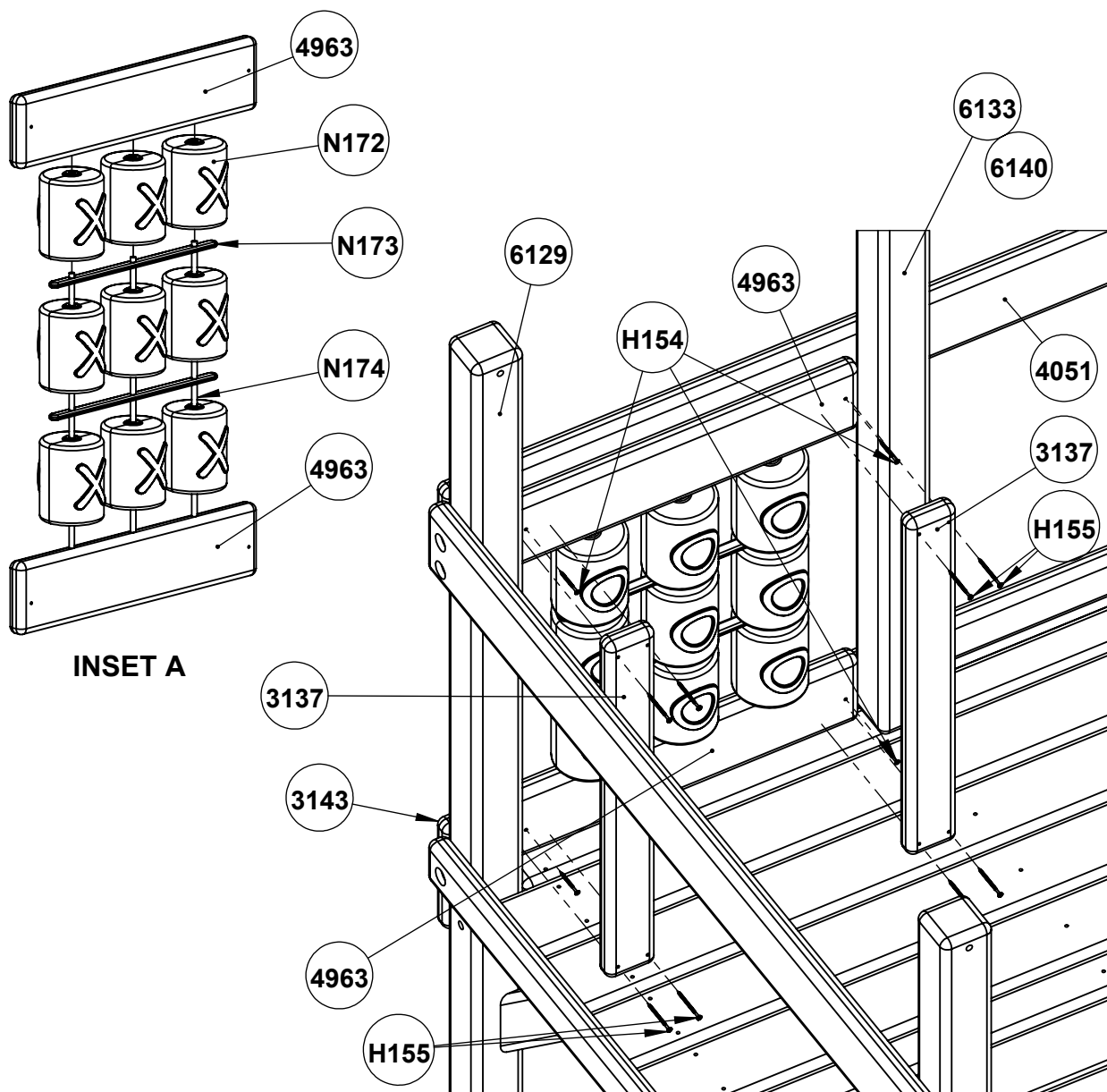
1. On a flat surface lay out Bubble Window Frames (3214) and insert Small Bubble Panel (N168) in notches in Bubble Window Frames (3214) (as shown in Inset A).
2. Line up the corners of the Bubble Window Frames (3214) and attach together using #8 Hardware (H154).
3. Evenly space Rail Uprights (3137) and Bubble Window Uprights (4962) in-between Corner Post (6129) and Center Post (6133) (6140). Attach Uprights to 6 Hole Facia (4051) and 2 Hole Facia (3139) using #8 Hardware (H154) (H155) (as shown in Inset B).  
**\*NOTE: Rail Uprights (3137) and lower Bubble Window Uprights (4962) will sit on deck when properly installed. The upper Bubble Window Uprights (4962) must measure 1 7/8" from top of 6 Hole Facia (4051).**
4. Have a helper hold assembled Bubble Window Frame against the outside of Uprights (3137) (4962), 3" down from 6 Hole Facia (4051) and 7 5/16" in from outside edge of Corner Upright (6129) (as shown in Inset D).
5. Attach assembled Bubble Window Frame through Uprights (3137) (4962) using #8 Hardware (H154) (as shown in Inset C).



# Step 64

## Tic Tac Toe Installation

1. Insert the three Tic Tac Toe Rods (**N174**) into the Tic Tac Toe Bottom (**4963**) (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 Tic Tac Toe Spacer (**N173**) on the Tic Tac Toe Rods (**N174**) followed by the Tic Tac Toe Top (**4963**) (as shown in Inset A).
4. Position the Tic Tac Toe assembly directly on the deck centered in-between Corner Post (**6129**) and Center Post (**6133**) (**6140**).
5. Attach the Tic Tac Toe assembly to the 6 Hole Facia (**4051**) and 2 Hole Facia (**3139**) using #8 Hardware (**H154**).
6. Position Rail Uprights (**3137**) on deck and against Corner Upright (**6129**) and Center Post (**6133**) (**6140**). Attach Rail Uprights (**3137**) to Tic Tac Toe Top & Bottom (**4963**) using #8 Hardware (**H155**).



# Step 65

## Chalkboard Assembly & 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).

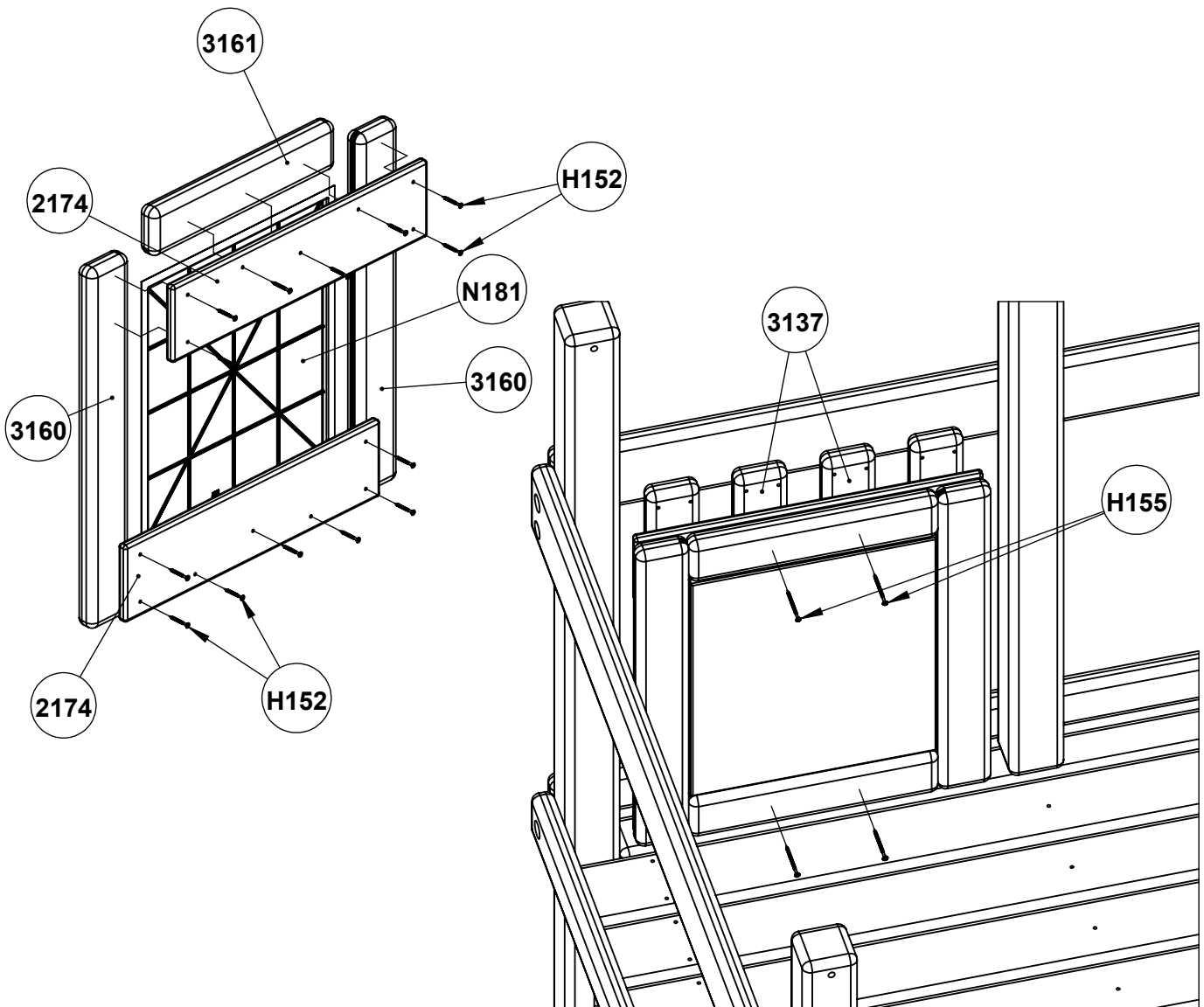
**\*NOTE:** Be sure that Chalkboard is oriented as shown and fits snugly, without gaps, inside Chalkboard Top/Bottoms and Chalkboard Sides.

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 (3137) using four #8 Hardware (H155).

3. Place Chalkboard assembly directly on deck and attach to Rail Uprights (3137) 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 66

## Ramp Assembly

**\*NOTE: For ease of assembly, construct Ramp on a flat level surface.**

1. Lay Ramp Boards with Holes (4027) on ground with the routed holes facing up.
2. Position Ramp Rails (3404) against Ramp Boards with Holes (4027), with counter bored holes facing in, and attach using #8 Hardware (H155).

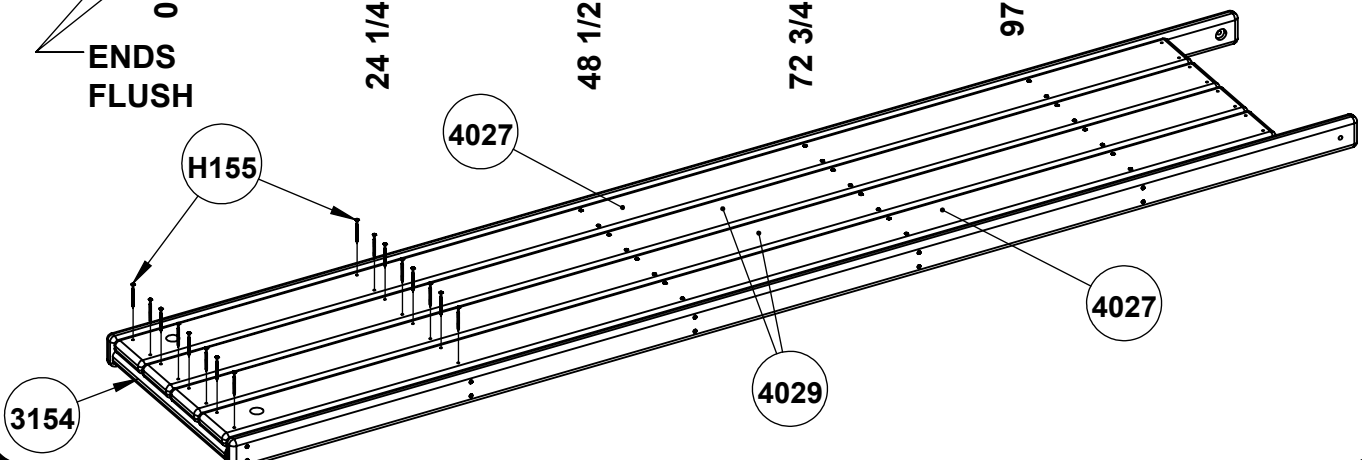
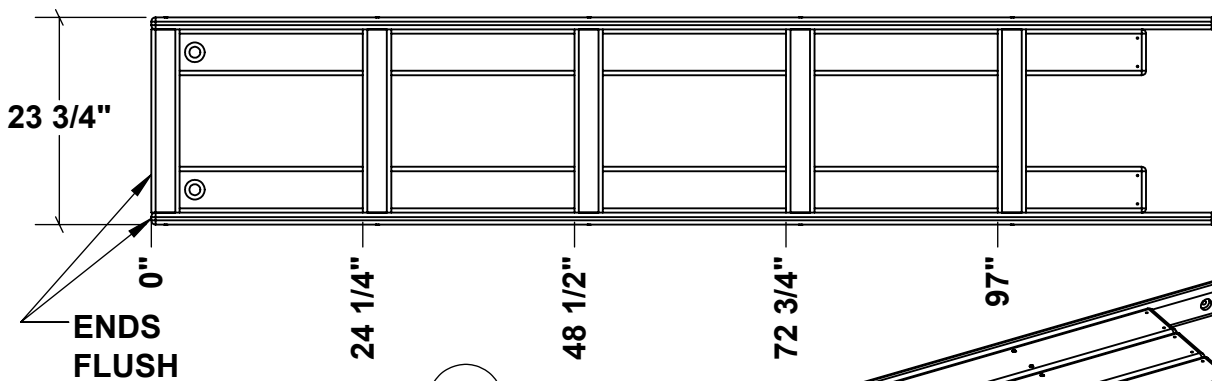
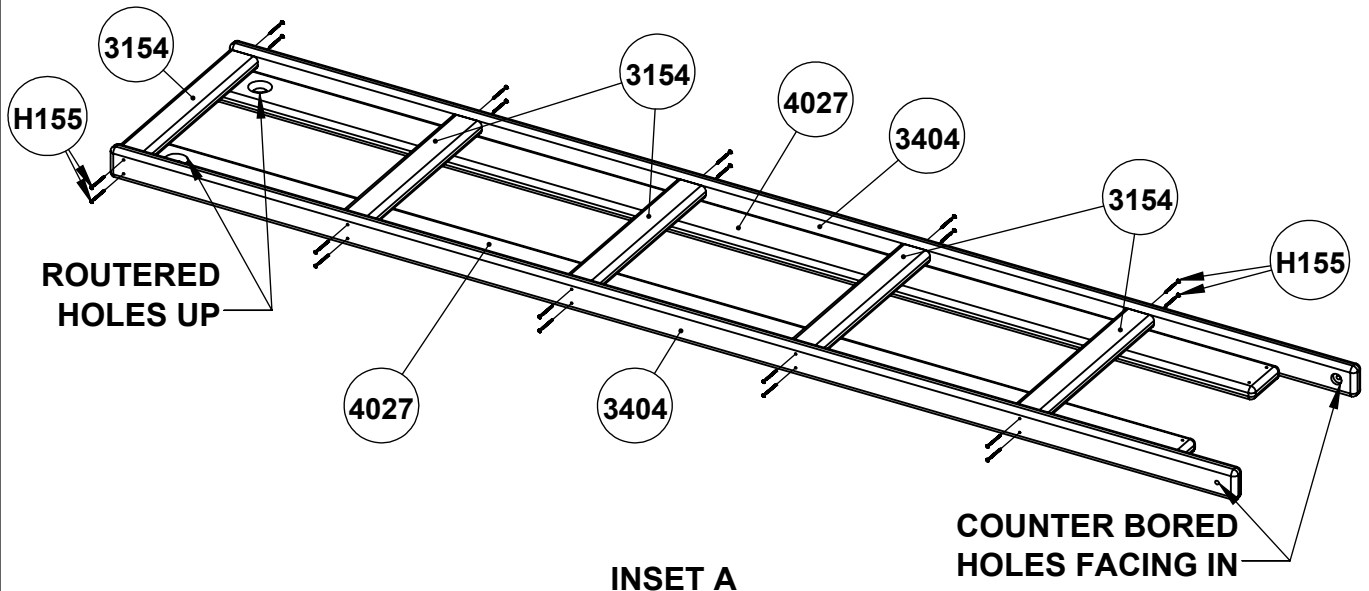
**\*NOTE: Ends of Ramp Boards with Holes (4027) and Ramp Rails (3404) must be flush when properly assembled.**

3. Position Ramp Cleats (3154) on top of Ramp Boards with Holes (4027) and pushed up against Ramp Rails (3404) using measurements shown in Inset A. Attach Ramp Rails (3404) to Ramp Cleats (3154) using #8 Hardware (H155).

4. Flip Ramp over and attach Ramp Boards (4029) and Ramp Boards with Holes (4027) to Ramp Cleats (3154) using #8 Hardware (H155).

**\*NOTE: Be sure that Ramp Boards (4029) are oriented so that the pre-drilled holes line up with the pre-drilled holes in Ramp Boards with Holes (4027).**

**\*NOTE: Ends of Ramp Boards (4027) (4029) must be flush when properly installed.**

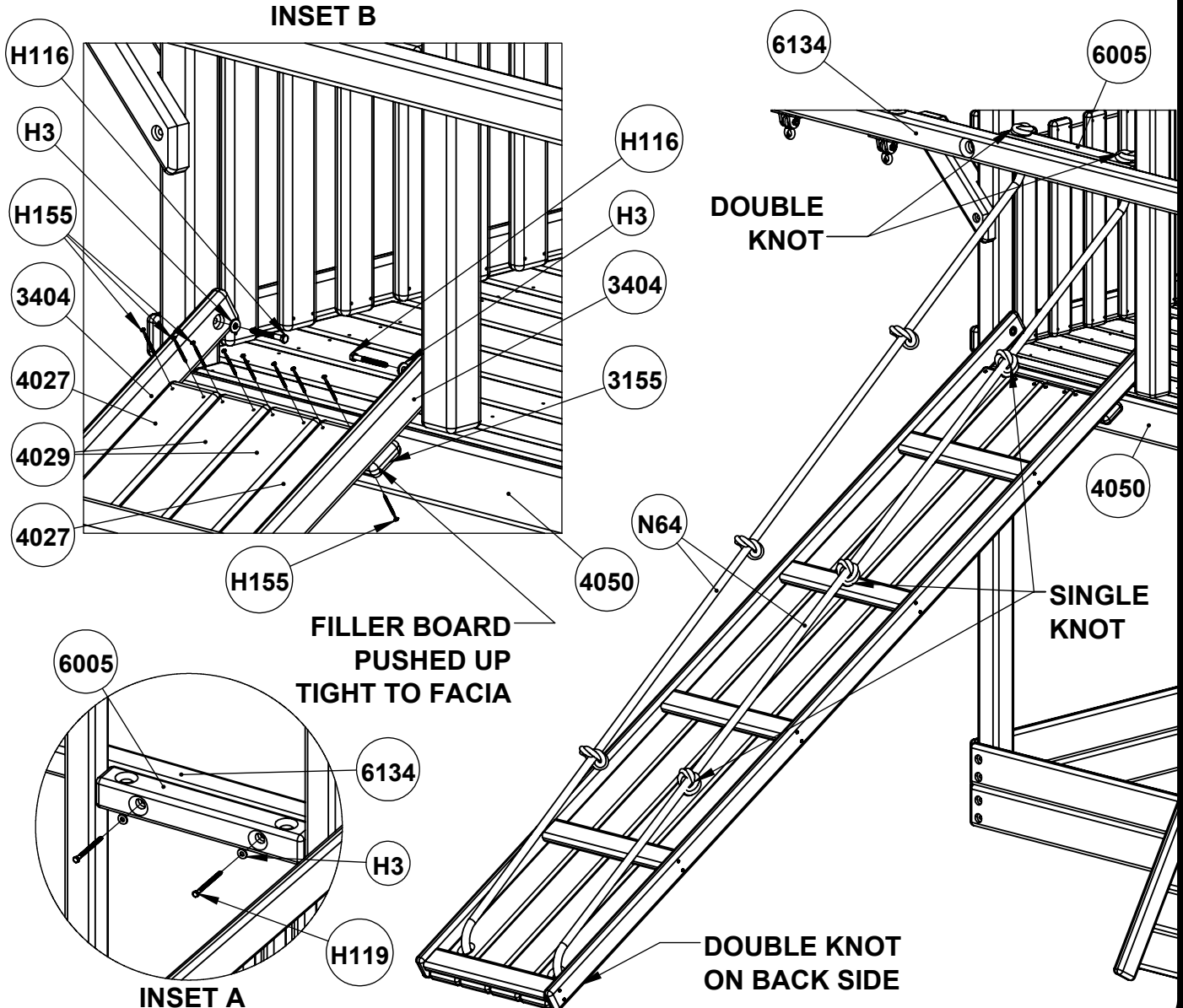


# Step 67

## Ramp Installation

1. On back side of Accessory Arm (6134) center and attach Ramp Rope Block (6005) using 3/8" Hardware (H3) (H119) (as shown in Inset A).
2. Position assembled Ramp in opening and attach to Uprights using 3/8" Hardware (H3) (H116).
- \*NOTE: Top of Ramp Boards (4027) (4029) must be flush with Deck (as shown).**
3. On underside of Ramp, push Filler Board (3155) up tight to Facia (4050) and attach through Ramp Boards (4027) (4029) using #8 Hardware (H155) (as shown in Inset A).
3. Finish attaching Filler Board (3155) to Ramp, on back side of Filler Board, using a qty. of two #8 Hardware (H155).
4. Thread Rope (N64) through hole in Ramp Rope Block and tie a double knot on top of Block. Tie three, equally spaced single knots in Rope (N64). Push the other end of rope through hole in Ramp and tie a double knot on underside of Ramp. Repeat for the other Rope (N64).

**WARNING: To prevent the risk of strangulation, three knots must be tied in ropes and ropes must be secure at both ends. Ropes must be tight enough that they cannot be looped back on themselves, and no more than 12" of rope should be left after tying double knots at the top and bottom of the ropes.**

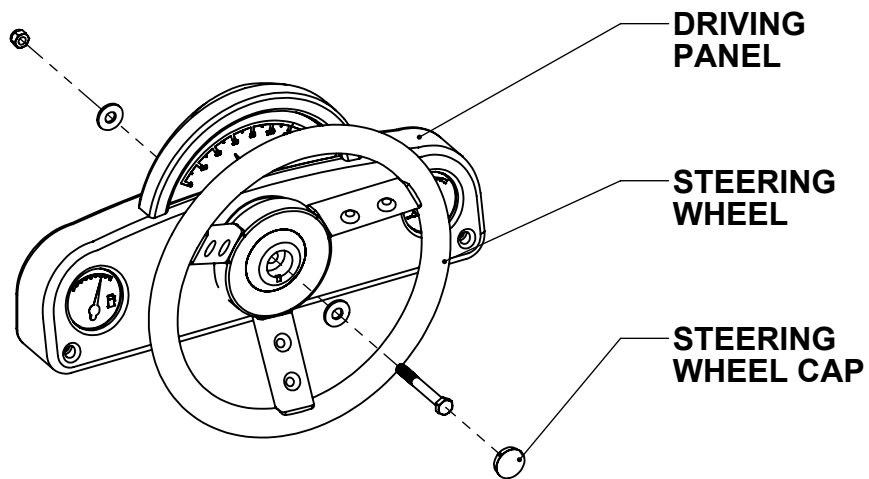


# Step 68

## Driving Panel Assembly

**\*NOTE:** All Hardware used in these steps will be included in the Driving Panel bag.

1. Attach Steering Wheel to Driving Panel using Hex Head Bolt, Washers and Nut provided in Driving Panel bag.
2. Snap Steering Wheel Cap into Steering Wheel.

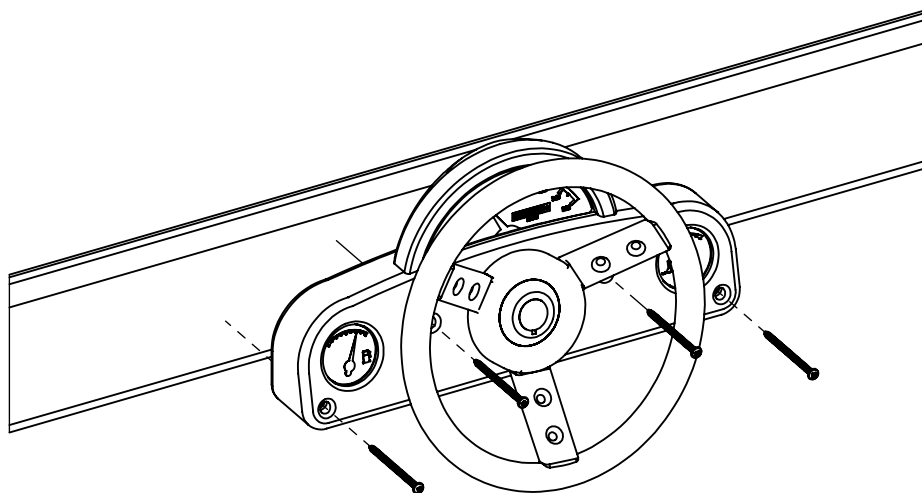


# Step 69

## Driving Panel Installation

**\*NOTE:** Ensure that wherever the Driving Panel is mounted, that the attachment Hardware does not go through the board you are mounting it to.

1. Attach the Driving Panel assembly using Screws provided in the Driving Panel bag.



# Step 70

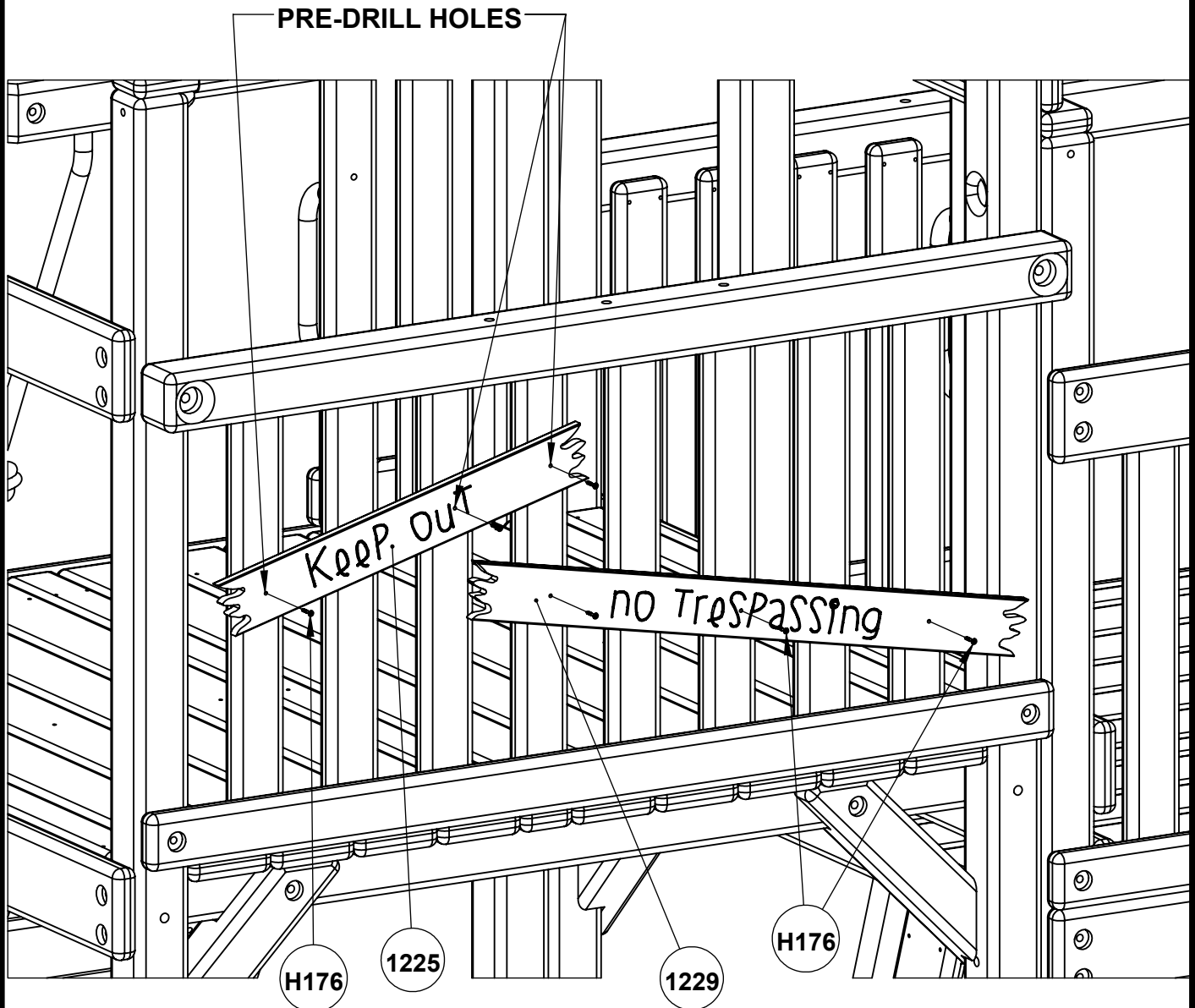
## Wacky Sign Board Installation

**\*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 71

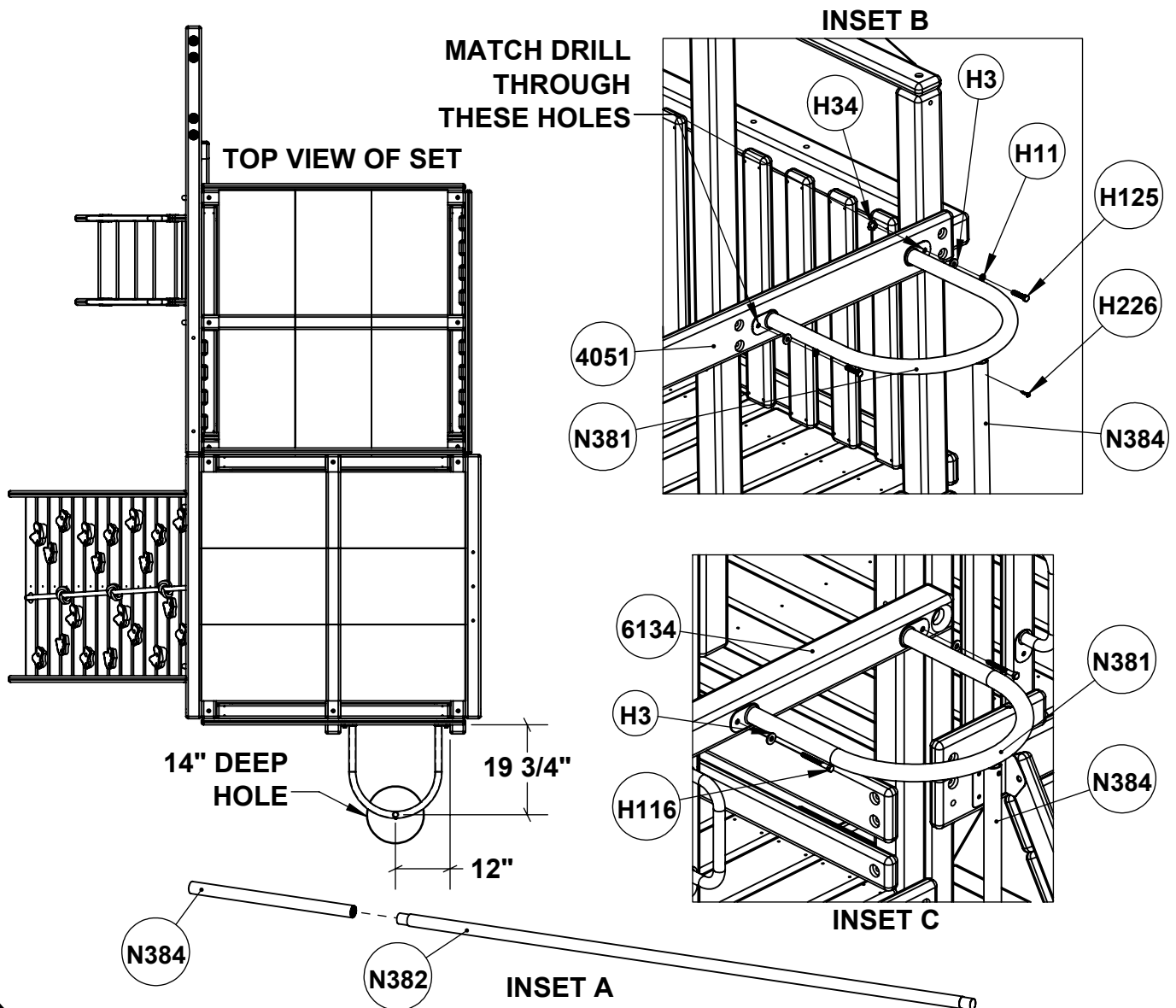
## Fire Pole Installation

**! \*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 #8 Hardware (**H226**) (as shown in Inset B).
4. Lift assembled Fire Pole up against 6 Hole Facia (**4051**), center in opening, and match drill through Fire Pole Top (**N381**) and Facia using a **7/16" drill bit** (as shown in Inset B).
5. Attach Fire Pole assembly to 6 Hole Facia (**4051**) using **3/8" Hardware (H3) (H11) (H34) (H125)**.  
**\*NOTE: A small hammer or mallet may be needed to pound in 3/8" Hardware (H34).**
6. If installing Fire Pole on 60" Deck Height, position Fire Pole against Accessory Arm (**6134**) and attach using **3/8" Hardware (H3) (H116)** (as shown in Inset C).
7. Ensure Fire Pole is plumb and fill hole around Fire Pole with concrete.





# Step 72

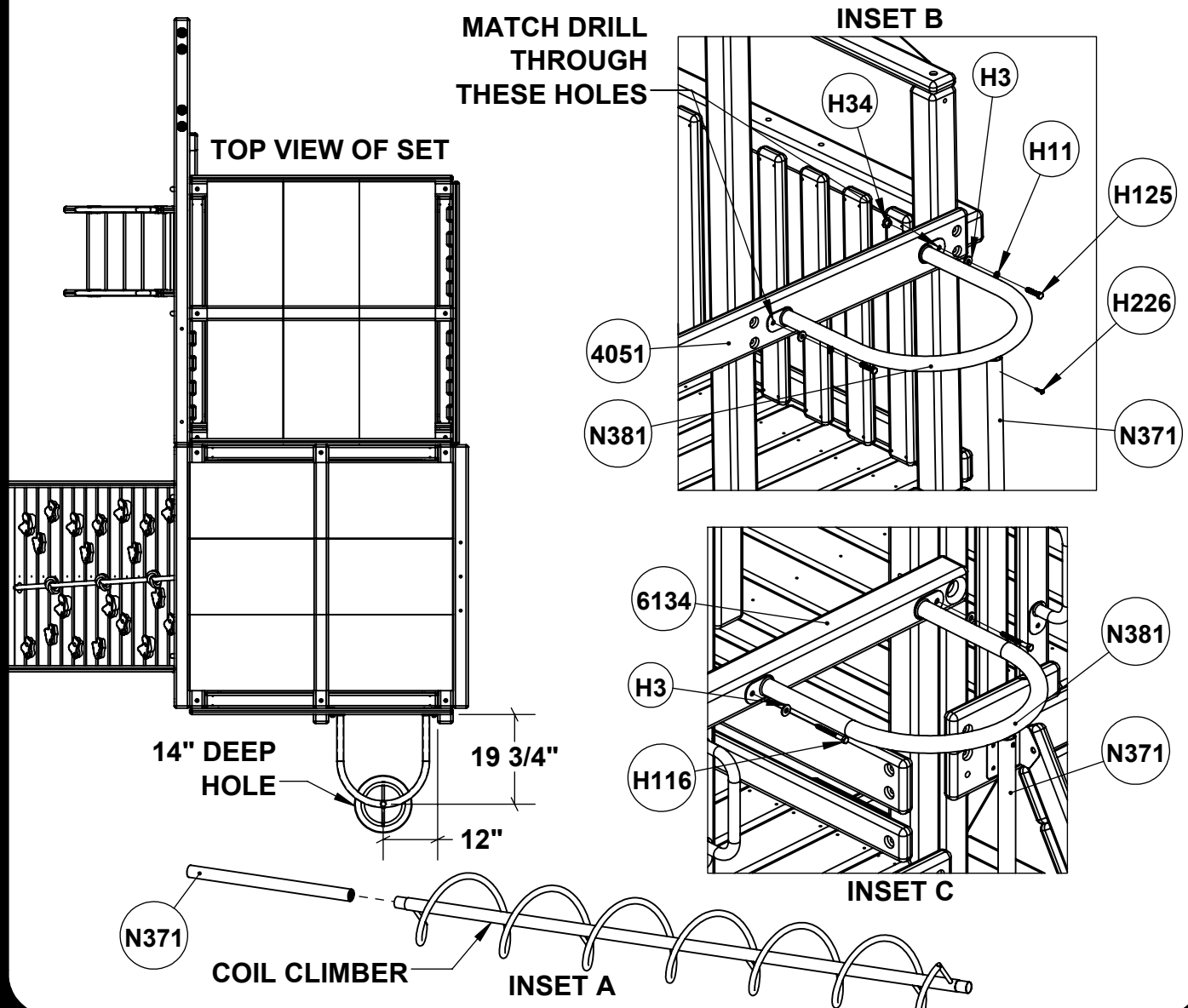
## Coil Climber Installation

**! \*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 #8 Hardware (**H226**) (as shown in Inset B).
4. Lift assembled Coil Climber up against 6 Hole Facia (**4051**), center in opening, and match drill through Fire Pole Top (**N381**) and Facia using a **7/16" drill bit** (as shown in Inset B).
5. Attach Coil Climber assembly to 6 Hole Facia (**4051**) using **3/8" Hardware (H3) (H11) (H34) (H125)**.  
**\*NOTE: A small hammer or mallet may be needed to pound in 3/8" Hardware (H34).**
6. If installing Coil Climber on 60" Deck Height, position Coil Climber against Accessory Arm (**6134**) and attach using **3/8" Hardware (H3) (H116)** (as shown in Inset C).
7. Ensure Coil Climber is plumb and fill hole around Coil Climber with concrete.



# Step 73

## Dual Attach Swing Beam Installation

**\*NOTE:** Processes will be the same for both the 2 Position (7856) and 3 Position (7857) Dual Attach Swing Beams.

**\*NOTE:** Position sets so that Top Joists measure 98 5/8" apart for the 3 Position Swing Beam, and 66 5/8" apart for the 2 Position Swing Beam.

1. Attach Swing Hangers (N26) to Swing Beam (7856) (7857) using 3/8" Hardware (H3) (H11) (H24) (H28) (H135) and 3/8" Bolt Cups (N29).

2. Center Plaque (N83) on Swing Beam (7856) (7857) and attach using #10 Hardware (H157).

**\*NOTE:** If attaching two Clubhouses together, the Riser Block (7855) will not have to be installed. Skip to #4 and install Swing Beam Plates (N10) using the same processes.

3. On Clubhouse side, position Riser Block (7855) on top of Top Joist (6131), centering middle hole in Riser Block over the middle hole in Top Joist. Position Swing Beam Plate (N10) on top of Riser Block (7855), centering middle hole in Swing Beam Plate with the center hole of the Riser Block. Attach Riser Block (7855) and Swing Beam Plate (N10) to Top Joist (6131) through the outer two holes in the Swing Beam Plate and Riser Block using 3/8" Hardware (H121) and 3/8" Bolt Cups (N29) (as shown in Inset A).

4. On the Castle side, position Swing Beam Plate (N10) on top of Top Joist (6117), centering middle hole in Swing Beam Plate with the middle hole in the Top Joist. Attach Swing Beam Plate (N10), through through the two outer holes in the Swing Beam Plate, to the Top Joist using 3/8" Hardware (H116) and 3/8" Bolt Cups (N29) (as shown in Inset B).

**\*NOTE:** If installing Dual Attach Swing Beam (7856) (7857) between a Clubhouse and a Castle, the hole closest to the end of the Swing Beam will have to be drilled out using a 9/16" drill bit, only on the Clubhouse side.

5. Lift up the Swing Beam (7856) (7857) on top of both Swing Beam Plates (N10), lining up the holes in ends of Swing Beam with the middle holes in Swing Beam Plates (N10).

**\*NOTE:** If attaching two Clubhouses together, skip to #7 and install Swing Beam (7856) (7857) using the same processes.

6. On Clubhouse side, attach Swing Beam (7856) (7857) through Riser Block (7855), Top Joist (6131) and Swing Beam Plate (N10) using 1/2" Hardware (H4) (H12) (H18) (H29) (H225) and 3/8" Hardware (H3) (H11) (H17) (H28) (H56) (as shown in Inset A).

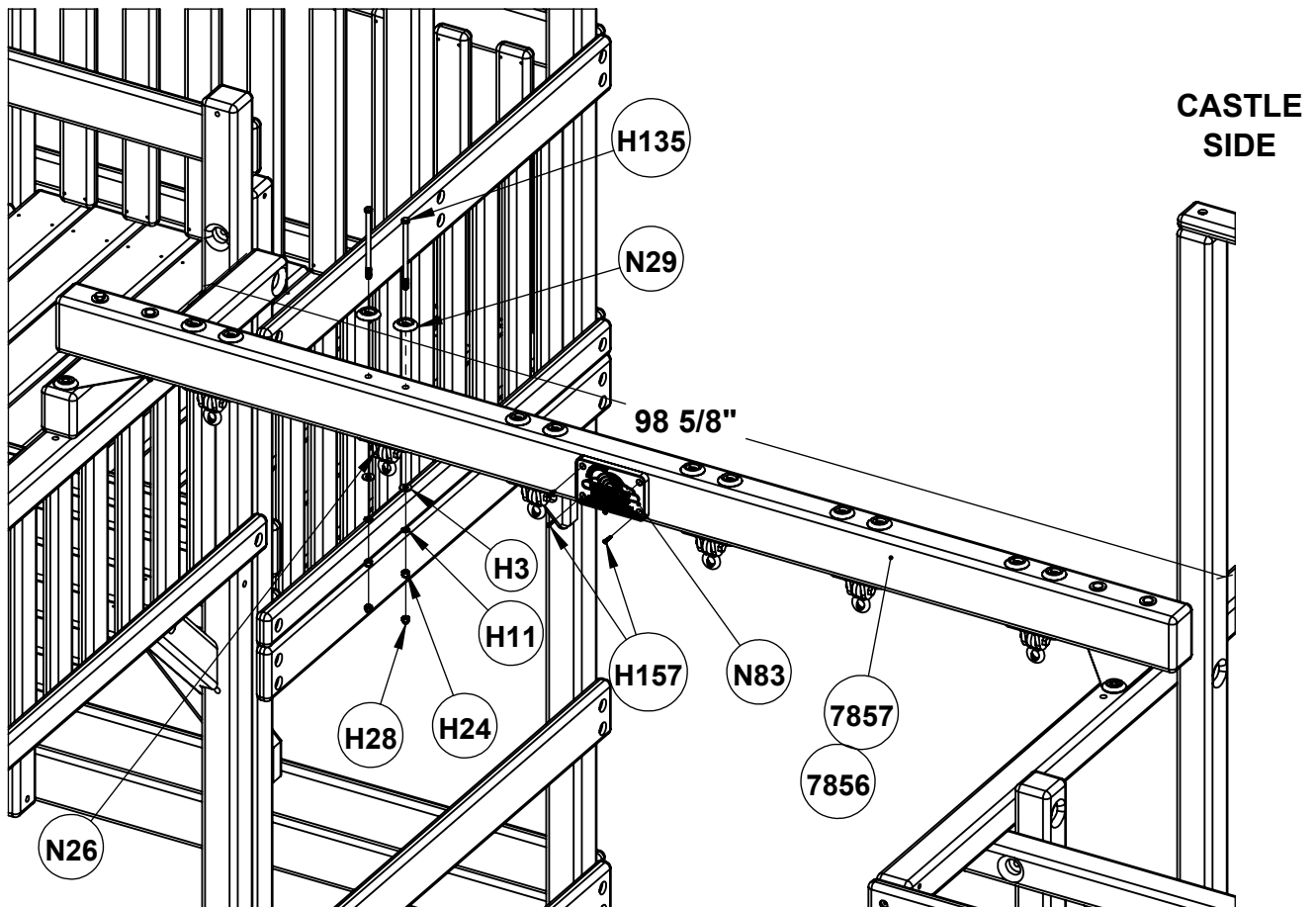
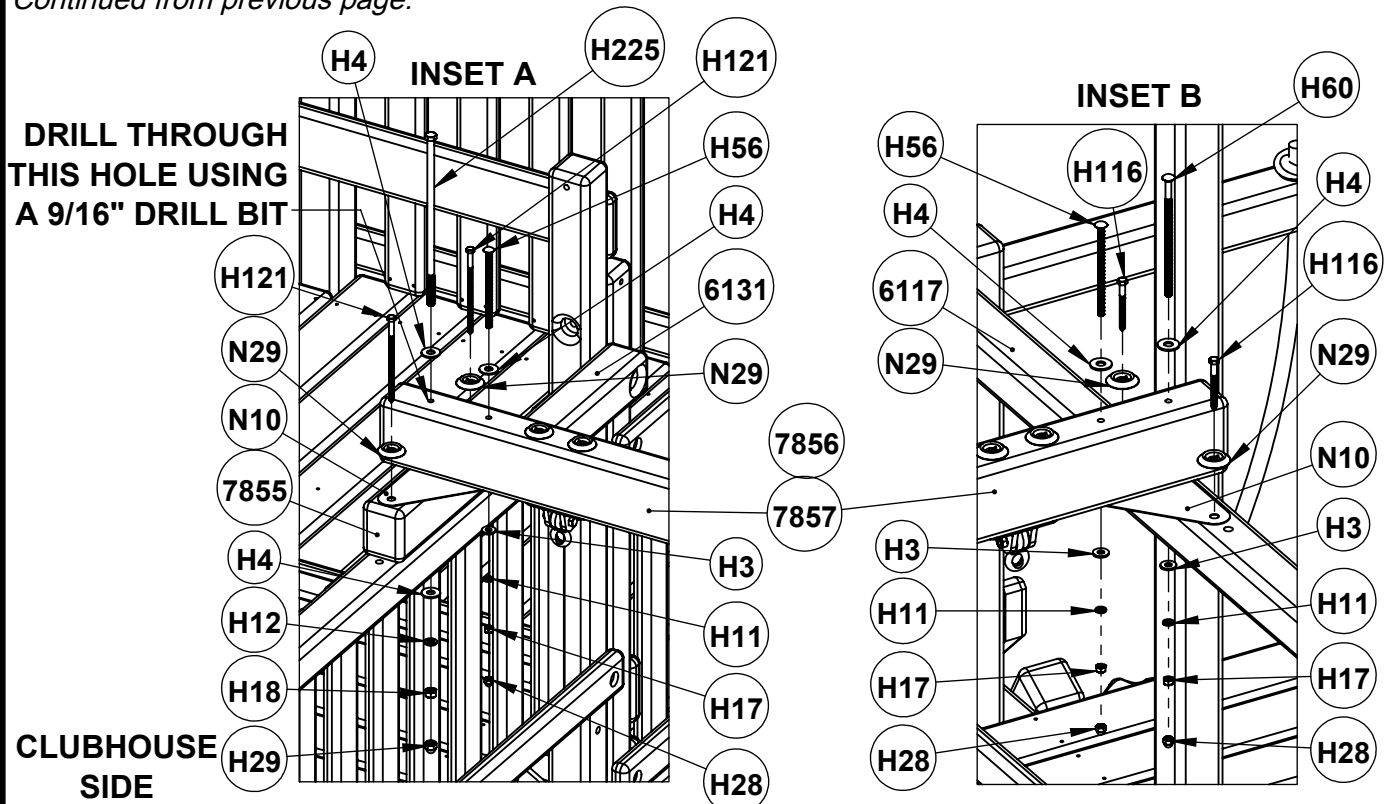
7. On Castle side, attach Swing Beam (7856) (7857) through Top Joist (6117) and Swing Beam Plate (N10) using 1/2" Hardware (H4) and 3/8" Hardware (H3) (H11) (H17) (H28) (H56) (H60) (as shown in Inset B).

*Continued on next page:*

# Step 73

## Dual Attach Swing Beam Installation

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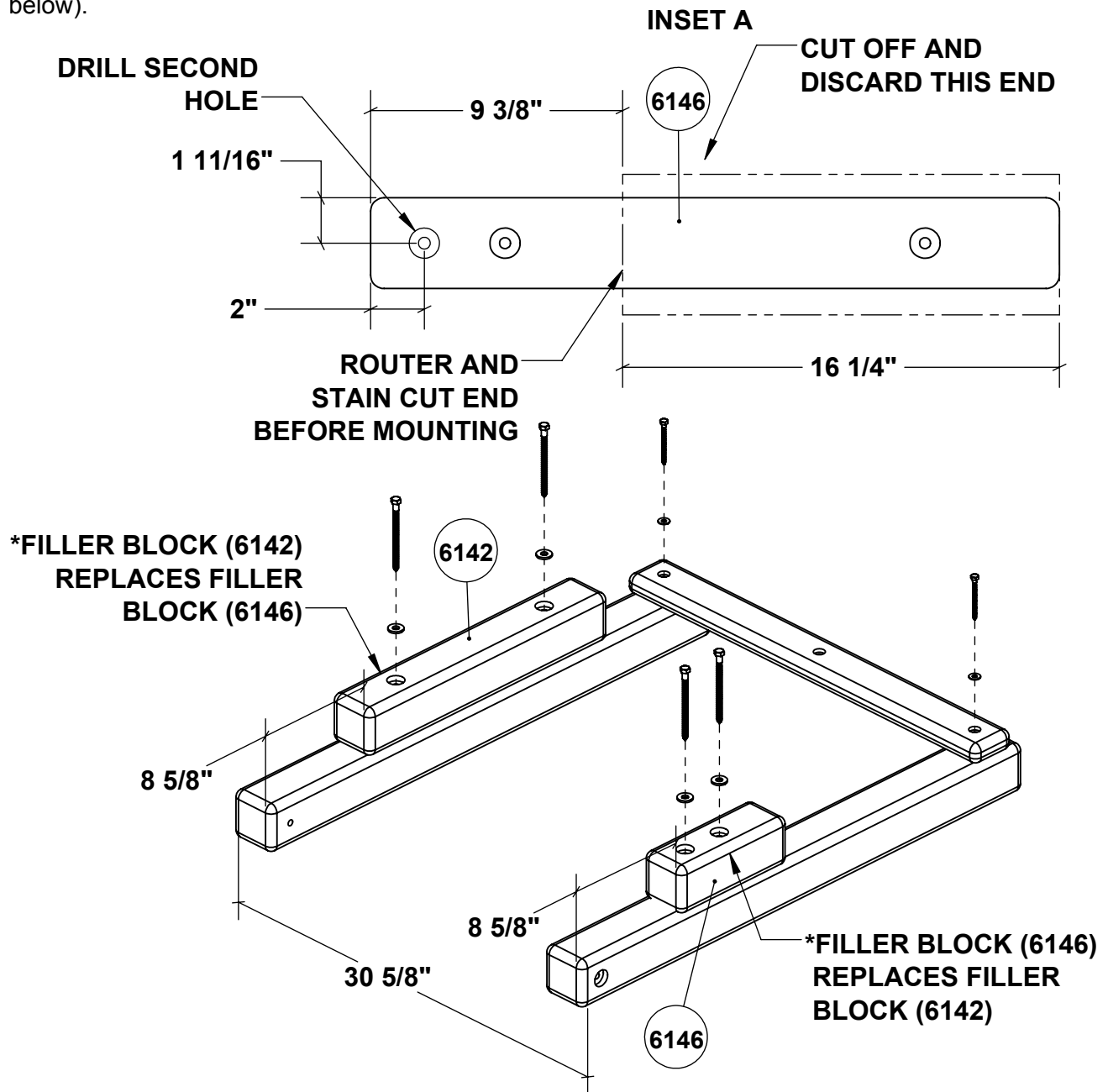


# Step 74

## Alternate Penthouse Assembly

**\*NOTE:** Use this page in conjunction with Page 89.

1. If installing a Penthouse with a Tarp on a set with a Wood Roof, Filler Block (6146) will have to be modified.
2. Measure over **9 3/8"** on Filler Block (6146) and cut Block. Router and Stain cut end.
3. Measure over **2"** on Filler Block (6146) and drill a **7/16"** diameter hole with a **3/8"** deep counter-bore.
4. Assemble Penthouse End using processes shown in "Tarp Version" steps on Page 89, substituting Filler Block (6142) for Filler Block (6146) and Filler Block (6146) for Filler Block (6142) (as shown below).



# Step 75

## Spiral Slide Assembly (for mounting on base unit)

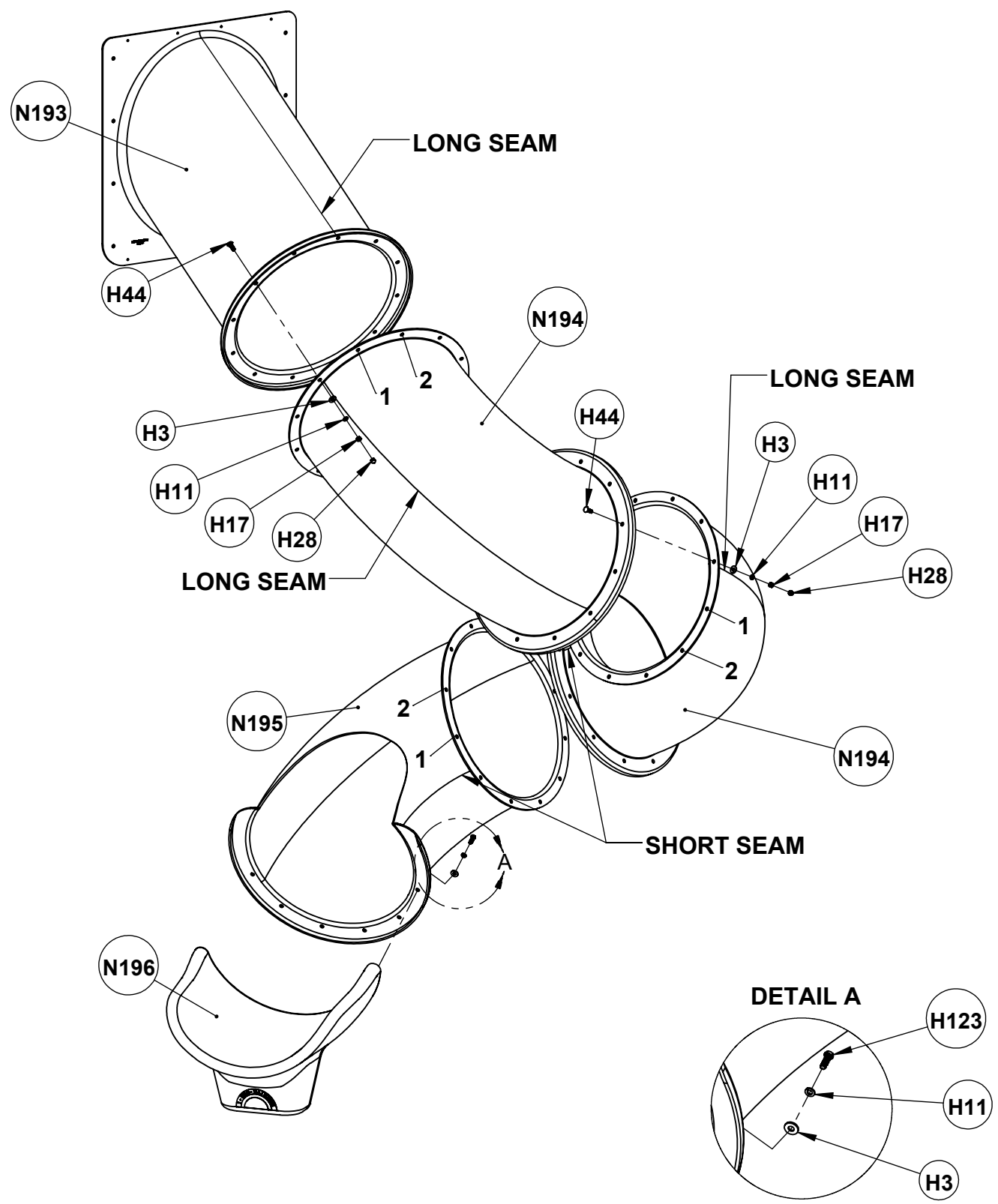
1. Line up the long seam on the Spiral Entrance Panel (**N193**) with the long seam on the first 90° Elbow (**N194**). Rotate the 90° Elbow two holes to the left (counter clockwise) and attach using 3/8" Hardware (**H3**) (**H11**) (**H17**) (**H28**) (**H44**).  
**\*NOTE: Do not fully tighten hardware 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).

*Continued on next page:*

# Step 75

## Spiral Slide Assembly (for mounting on base unit)

Continued from previous page:



# Step 76

## Facia & Spiral Slide Installation (for mounting on base unit)

**\*NOTE: Spiral Slide can only be mounted to base unit off the 70" Deck Height and only on the Tarp Version.**

1. Position 2 Hole Facia (**3405**) directly on top of 4 hole Facia (**4050**), flush with Corner Uprights (**6173**), and attach using 3/8" Hardware (**H3**) ( **H116**) (as shown in Inset A).
2. Position 4 Hole Facia (**4030**) directly on top of 2 Hole Facia (**3405**) and attach to Corner Upright (**6173**) and Center Post (**6133**) using 3/8" Hardware (**H3**) (**H116**) (as shown in Inset A).
3. Measure up **30 7/8"** and **43 5/8"** and attach 4 Hole Facias (**4030**) to Corner Uprights (**6173**) and Center Post (**6133**) using 3/8" Hardware (**H3**) (**H116**) (as shown in Inset A).

**\*NOTE: After Facias are installed, install Rail Uprights (3137) using processes shown in Step 18.**

4. Center and attach one Filler Board (**3406**), between previously installed 4 Hole Facias (**4030**), using #8 Hardware (**H154**) (as shown in Inset B).
5. Measure the two spaces made in between 4 Hole Facias (**4030**) attached to Center Post (**6133**). Cut the other Filler Board (**3406**) into two pieces to fill measured spaces. When cut, Filler Boards (**3406**) should measure approximately **7 3/8"** and **17 1/8"** (as shown in Inset B). Stain cut ends of Filler Boards.
6. Attach newly made Filler Boards (**3406**) to Center Post (**6133**) using #8 Hardware (**H154**) (as shown in Inset B).  
**\*NOTE: Pre-drill 1/8" diameter holes in cut Filler Boards (3406) for #8 Hardware to avoid splitting out Boards.**
7. Lift assembled Spiral Slide up to opening and attach to Uprights (**6173**) (**6133**) using 1/4" Hardware (**H1**) and 5/16" Hardware (**H108**) (as shown Inset C).  
**\*NOTE: Be sure to pre-drill holes for 5/16" lag bolts, through Filler Boards (3406), using a 1/8" drill bit to avoid splitting out Filler Boards.**
8. Finish attaching Spiral Slide to 4 Hole Facias (**4030**) using #14 Hardware (**H164**) (as shown in Inset C).

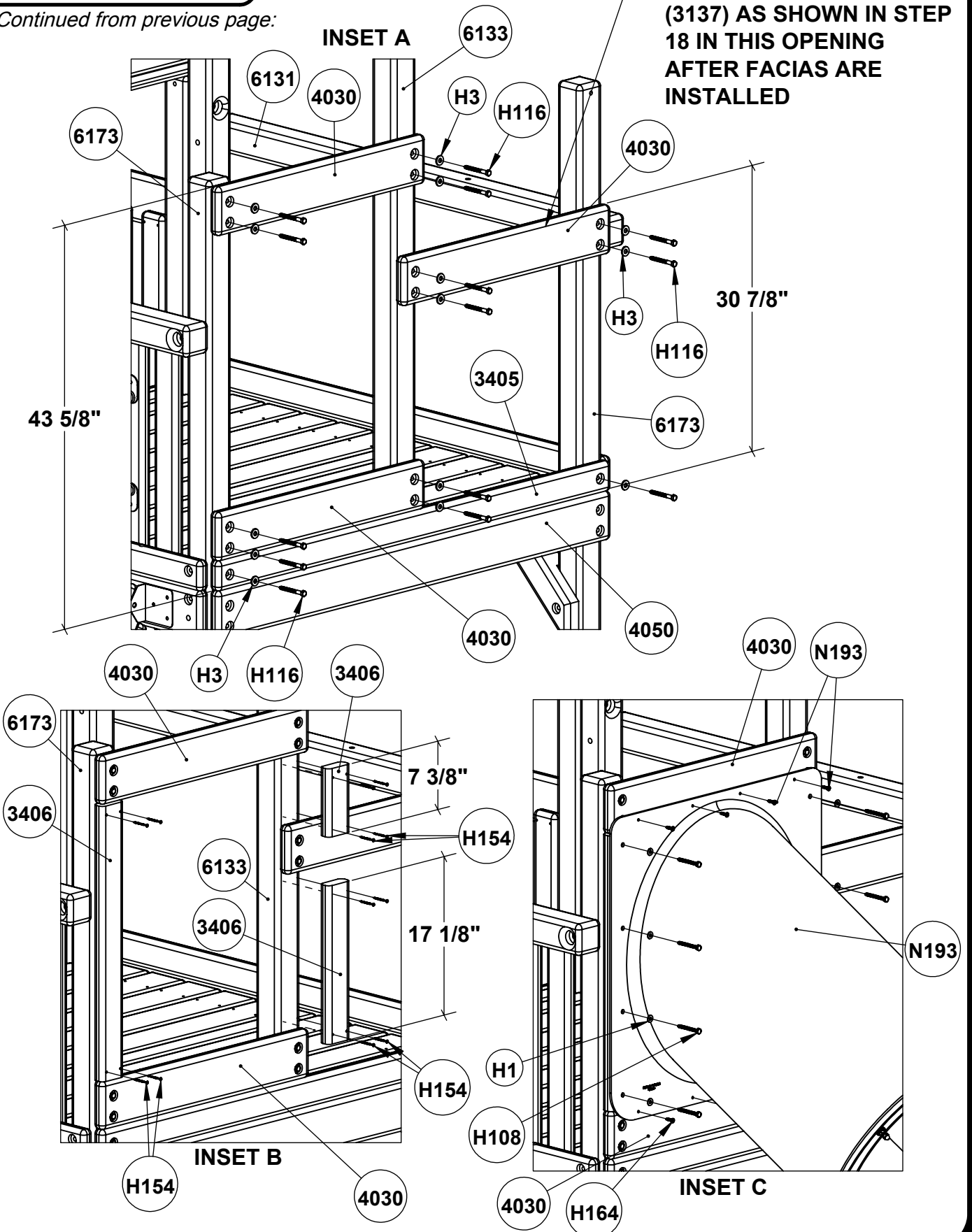
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# Step 76

## Facia & Spiral Slide Installation

Continued from previous page:

INSTALL RAIL UPRIGHTS (3137) AS SHOWN IN STEP 18 IN THIS OPENING AFTER FACIAS ARE INSTALLED





# Rainbow Limited Warranty

This warranty excludes Super Funhouse (which has its own warranty)

**What is covered:** Subject to the limitations set forth below Rainbow Play Systems, Inc. ("*Rainbow*") warrants, to the original retail purchaser, that the Rainbow play set (system) will be free from material defects in material and workmanship for the periods set forth below from the time of purchase, as follows:

**LIFETIME:** Wooden components for structural failure only, due only to wood rot or insect infestation. The following non-wooden parts: scoop, spiral, and Rainbow roto wave slides, crawl tunnels, crow's nests, panel mounts, swing hangers, tire swivels, structural bolts and vinyl coated parts (brackets, rungs and handles).

**FIVE YEAR:** All other non-wooden components not covered by the Lifetime or one year warranties.

**ONE YEAR:** Ropes, flags, and flag dowels.

**What is NOT covered:** The following are not covered by this warranty: (1) everyday wear and tear; (2) natural characteristics of wood (examples: peeling, splintering, minor weather or surface cracking, knot holes and knots); (3) cosmetic cracks in plastics; (4) surface rust, peeling of coating or corrosion on metal; and (5) fading, weathering, cracks/chips.

**Termination of warranty:** THE FOLLOWING ITEMS MAKE THIS WARRANTY NULL AND VOID: (1) failure to properly maintain the system, including, but not limited to, not staining or not tightening hardware; (2) abuse, negligence, improper installation, vandalism, acts of God, unauthorized alteration or attaching other than authorized Rainbow® accessories; (3) improper use, service or repair; (4) equipment subjected to irrigation systems or regular sprinkling; (5) use other than residential settings; or (6) failure to use the system in conformity with the Owner's Manual.

**Remedy:** Systems covered under this warranty will be repaired or replaced as determined by Rainbow. Shipping, handling, installation, or labor charges will be the original purchaser's responsibility.

**Warranty requirements and limitations:** Your original sales receipt from an authorized Rainbow retailer is required for this warranty to apply. Rainbow reserves the right to examine photographs or actual components claimed to be defective, and to recover said components, prior to honoring this warranty. Merchandise returned to our factory for examination or recovery must be shipped freight prepaid by purchaser. This warranty is not transferrable.

TO THE MAXIMUM EXTENT PERMITTED BY LAW:

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**How to get service:** Please contact Rainbow Play Systems, Inc. at <http://register.rainbowplay.com> or via mail at 500 Rainbow Parkway, Brookings, SD 57006 for any warranty service.