



PLAY SYSTEMS, INC.®
FINE RESIDENTIAL PLAY EQUIPMENT

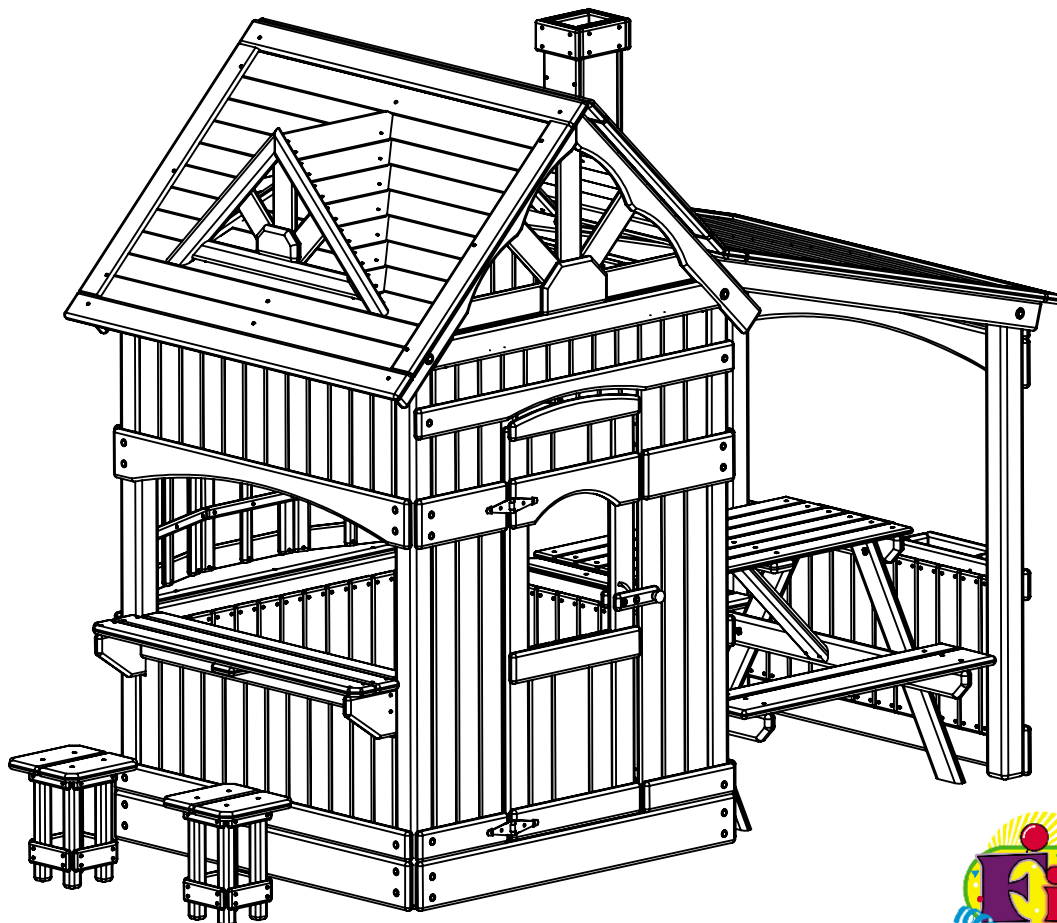
Fiesta Playhouse

Assembly Instructions

5-70-0258

(Rev 1 - 1.17.2011)

Contains Assembly, Use, and Maintenance Instructions



NOTICE: This product is intended for outdoor family domestic use only with children ages 3 to 12. This product is not suitable for children under 36 months.

⚠ WARNING: 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. For you and your children's safety, please read the instruction manual thoroughly before you start building your Rainbow Play Systems, Inc. playground. 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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Safety Instructions

Rules for Safe Play

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

1. **IT IS RECOMMENDED** that no more than 8 children, not exceeding a combined weight of 1,000 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, especially for younger children.
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 swinging seats.
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 which could become entangled or snagged on 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, and pet leashes 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.
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.

Choosing a location & protective surface for your play system

When selecting your play site, always keep the child's safety in mind. Guidelines have been established by USCPSC that will help you achieve a safe play area:

X3.1 Select Protective Surfacing - One of the most important things you can do to reduce the likelihood of serious head injuries is to install shock-absorbing protective surfacing under and around your play equipment. The protective surfacing should be applied to a depth that is suitable for the equipment height in accordance with ASTM Specification F 1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

X3.1.1 Loose-Fill Materials:

X3.1.1.1 Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9 inches of sand or pea gravel for equipment up to 5 feet high. **NOTE:** An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically refilled to maintain at least a 9-inch depth.

X3.1.2 Use a minimum of 6 inches of protective surfacing for play equipment less than 4 feet in height. If maintained properly, this should be adequate. (At depths less than 6 inches, the protective material is too easily displaced or compacted.) **NOTE:** Do not install home playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Ground level equipment - such as a sandbox, activity wall, playhouse or other equipment that has no elevated play surface - does not need any protective surfacing.

X3.1.3 Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging. Don't forget to account for water drainage.

X3.1.3.1 Check and maintain the depth of the loose-fill surfacing material. To maintain the right amount of loose-fill materials, mark the correct level on play equipment support posts. That way you can easily see when to replenish and/or redistribute the surfacing.

X3.1.3.2 Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.

X3.1.4 Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles - You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

X3.1.4.1 Installations of these surfaces generally require a professional and are not "do-it-yourself" projects.

X3.1.4.2 Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacture for a report showing that the product has been tested to the following safety standard: ASTM F1292 Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height - vertical distance between a designated play surface (elevated surface for standing, sitting, or climbing) and the protective surfacing below - of your play equipment.

X3.1.4.3 Check the protective surfacing frequently for wear.

X3.1.5 Placement—Proper placement and maintenance of protective surfacing is essential. Be sure to:

X3.1.5.1 Extend surfacing at least 6 feet from the equipment in all directions.

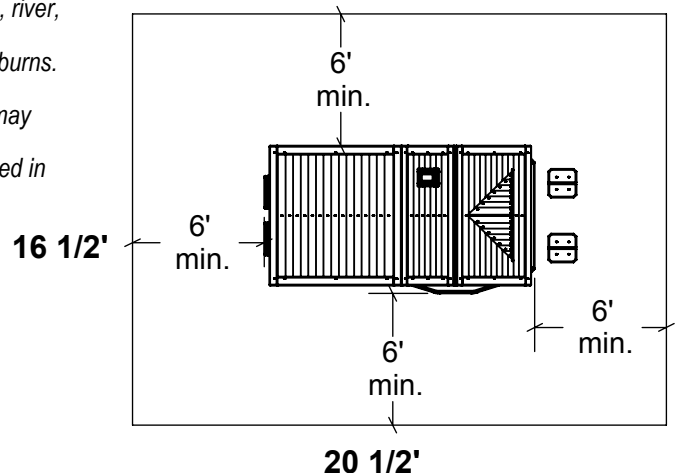
X3.1.5.2 For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.

X3.1.5.3 For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions.

Supplemental

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. Locate slide out of direct sunlight to reduce the likelihood of serious burns. A slide that faces north will receive the least direct sunlight.
3. It is recommended not to place a set on sandy soil or loose fill as it may require additional anchoring in that situation.
4. If anchoring your play system, all underground utilities must be located in play zone before starting assembly of play system.

| Set Dimensions | Play Zone |
|--------------------------------|-----------------------|
| L 8 1/2' x W 4 1/2' x H 7 1/2' | L 20 1/2' x W 16 1/2' |



Maximum Fall Height is 2'

TABLE 3.1 Fall Height in Feet From Which a Life Threatening Head Injury Would Not Be Expected

| Type of Material | 6 in. depth | 9 in. depth | 12 in. depth |
|----------------------------|-------------|-------------|--------------|
| Double Shredded Bark Mulch | 6 ft. | 10 ft. | 11 ft. |
| Wood Chips | 6 ft. | 7 ft. | 12 ft. |
| Fine Sand | 5 ft. | 5 ft. | 9 ft. |
| Fine Gravel | 6 ft. | 7 ft. | 10 ft. |

Surfacing in "compressed" depths - See CPS & ASTM for Fall Heights of equipment

| Equipment Fall Height | 1' | 2' | 3' | 4' | 5' | 6' | 7' | 8' | 9' | 10' | 11' | 12' |
|----------------------------|----|--------|--------|--------|---------|-----|---------|---------|---------|---------|---------|---------|
| Wood Chips | 6" | 6" | 6" | 6" | 6" | 6" | 6 1/2" | 7 1/2" | 8 1/4" | 9" | 12" | 13" |
| Double Shredded Bark Mulch | 6" | 6" | 6" | 6" | 7" | 8" | 9" | 9 3/4" | 10 1/2" | 11 1/2" | 12" | 13" |
| Engineered Wood Fibers | 6" | 6" | 6" | 7" | 8 1/2" | 9" | 9 1/2" | 10 1/4" | 10 3/4" | 11" | 10 3/4" | 12" |
| Fine Sand | 6" | 6" | 6 1/2" | 8" | 9" | 10" | 10 1/2" | 11 1/4" | 12" | 13 1/2" | 14 3/4" | 16" |
| Coarse Sand | 6" | 6" | 7 1/2" | 9" | 10 1/2" | 12" | 14" | 16" | 18" | 20" | 22" | 24" |
| Fine Gravel | 6" | 6" | 6" | 6 3/4" | 8" | 9" | 10" | 10 3/4" | 11 1/2" | 12" | 13 1/4" | 14 1/2" |
| Medium Gravel | 6" | 6 1/4" | 8" | 9" | 9" | 12" | 14" | 16" | 18" | 20" | 22" | 24" |

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

Assembly safety

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. **This product must be assembled by an adult. 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.

Maintenance of your play system

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

1. **At the beginning of each usage season and twice each month**, check and tighten as needed (but do not over tighten causing wood to crack) all nuts and bolts. Acorn nuts should be tightened to 5 foot pounds of torque. Hardware used on swinging elements should be checked at least twice a month to ensure proper fastening.
2. **At the beginning of each usage season and twice each month**, check all coverings for bolts and sharp edges to be certain they are in place. Replace when necessary.
3. **Oil all** metallic moving parts and grease Tire Swivel monthly during the usage period.
4. **Check** all moving parts including swing seats, ropes, and chains for wear, rust, or other deterioration and replace as needed.
5. **Check** all metal parts for rust. If needed, sand and repaint using a nonlead-based paint meeting the requirements of Title 16 CFR Part 1303.
6. **Check** the S-Hooks on the chains to ensure the gap is less than .040 inches. Tighten/close as necessary.
7. **Remove** plastic swing seats and take indoors or do not use when temperature drops below 36° Fahrenheit.
8. **Check, twice a month**, the depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Rake or replace as necessary.
9. **When you are ready to dispose of your playset**, make sure all metal, plastic and wood components are disposed of in accordance with local waste ordinances and ensure that no unreasonable hazards exist.

10. **On a yearly basis**, we recommend that you coat your play system with a sealant or preservative. You may also want to spot sand areas before sealing. Be sure that the sealant you select is non-toxic and child safe.
11. **Check** all wood members for deterioration and splinters. Spot sand any areas that are checking or splintering. If parts are deteriorating, replace as needed.

WARNING

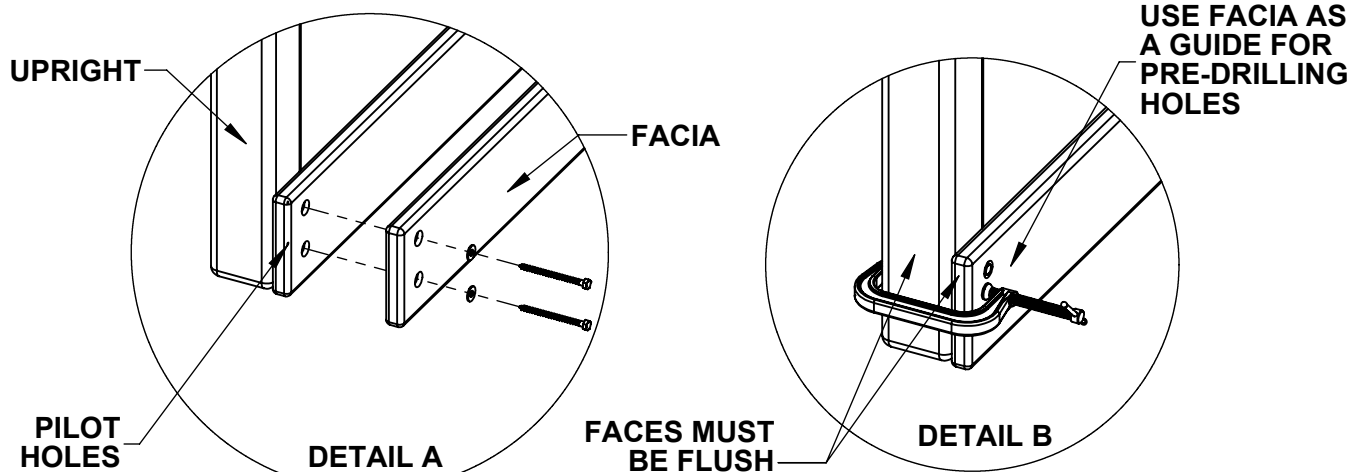
Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

California Health and Safety Code Section 25249.6

Helpful Installation Hints

***NOTE: Refer to these assembly tips throughout the entire installation process.**

1. **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.
2. **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.
3. **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.
4. **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.
5. **Certain** Steps of the assembly are best performed on a hard flat surface to ensure proper and accurate assembly.
6. **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. Refer to "Commonly Asked Questions" on page 6 for more information about Lag Bolts.
7. **All** #14 Phillips Pan Head Tap Screws must have pre-drilled holes 1/2" deep. Use a 1/8" drill bit.
8. **Use** a clamp to secure Facias flush to the Uprights and use holes in facia as a guide for placing Lag Bolt Pilot Holes (as shown in Detail B).
9. **Verify** Facias are flush with Uprights.
10. **Check** assembly periodically to ensure the set is level and all facias are square to the uprights.
11. 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.



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.

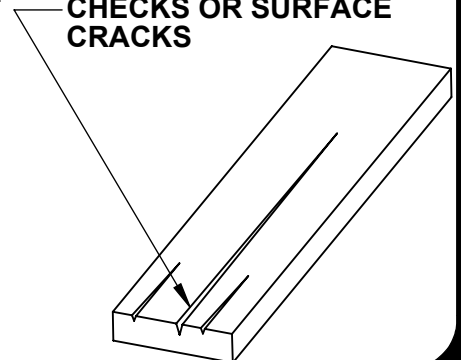
Question: What accessories may be added or what modifications can be made to my Rainbow boxed kit set?

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.

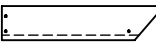
Question: Is my child old enough to use all play items on my set?

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.

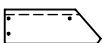





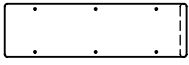
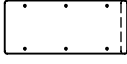
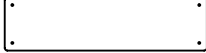

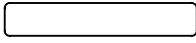
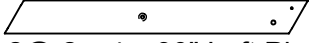

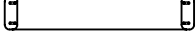
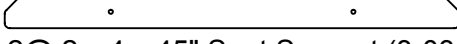
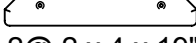
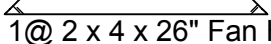
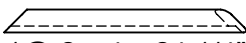
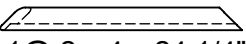




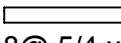

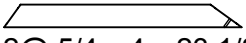
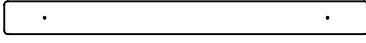
**EXAMPLE OF SEASONAL
CHECKS OR SURFACE
CRACKS**



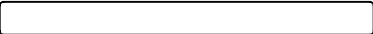
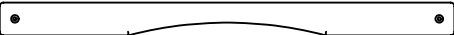

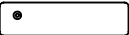
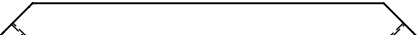
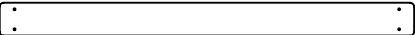
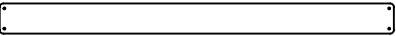
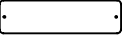
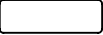

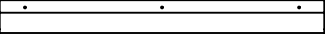


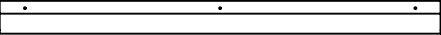
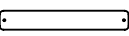




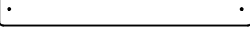
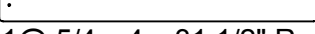

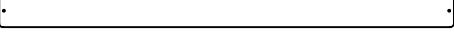


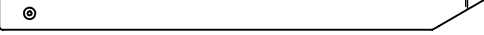
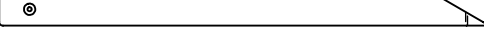
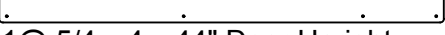

FIESTA PLAYHOUSE PARTS LIST

- 530**  3@ 1 x 4 x 13" Window Horizontal (3-01-0135)
- 309**  4@ 1 x 4 x 10 7/8" Fan Ray (3-01-0072)
- 311**  2@ 1 x 4 x 16 1/2" Fan Vertical (3-01-0074)
- 362**  2@ 1 x 4 x 8 3/4" Fan Ray (3-01-0098)
- 363**  1@ 1 x 4 x 13" Fan Vertical (3-01-0099)
- 403**  6@ 1 x 4 x 36" Table Board (3-01-0120)
- 519**  12@ 1 x 4 x 54" Full Rail Upright (3-01-0124)
- 520**  70@ 1 x 4 x 17" Rail Upright (3-01-0125)
- 521**  2@ 1 x 4 x 17" Notched Rail Upright (3-01-0126)
- 522**  12@ 1 x 4 x 45" Floor Board (3-01-0127)
- 523**  2@ 1 x 4 x 39" Short Floor Board (3-01-0128)
- 524**  33@ 1 x 4 x 47" Roof Board (3-01-0129)
- 525**  8@ 1 x 4 x 7" Short Door Upright (3-01-0130)
- 526**  2@ 1 x 4 x 35 1/2" Fan Horizontal (3-01-0131)
- 527**  2@ 1 x 4 x 14 3/4" Window Side Trim (3-01-0132)
- 528**  3@ 1 x 4 x 13 1/2" Arched Window Top (3-01-0133)
- 529**  3@ 1 x 4 x 13 1/2" Window BTTM (3-01-0134)
- 531**  2@ 1 x 4 x 20" Short Door Upright (3-01-0137)
- 532**  1@ 1 x 4 x 19 1/4" Short Counter Top Brd (3-01-0138)
- 533**  4@ 1 x 4 x 6 1/2" Chimney Trim (3-01-0139)
- 534**  1@ 1 x 4 x 15 5/8" Right Dormer Board (3-01-0140)
- 535**  1@ 1 x 4 x 13 9/16" Right Dormer Board (3-01-0141)
- 536**  1@ 1 x 4 x 11 9/16" Right Dormer Brd (3-01-0142)
- 537**  1@ 1 x 4 x 9 1/2" Right Dormer Brd (3-01-0143)
- 538**  1@ 1 x 4 x 7 1/2" Right Dormer Brd (3-01-0144)
- 539**  1@ 1 x 4 x 5 7/16" Right Dormer Brd (3-01-0145)
- 540**  1@ 1 x 4 x 3 3/8" Right Dormer Brd (3-01-0146)
- 541**  1@ 1 x 4 x 15 5/8" Left Dormer Brd (3-01-0147)
- 542**  1@ 1 x 4 x 13 9/16" Left Dormer Brd (3-01-0148)
- 543**  1@ 1 x 4 x 11 9/16" Left Dormer Brd (3-01-0149)

FIESTA PLAYHOUSE PARTS LIST

- 544**  1@ 1 x 4 x 9 1/2" Left Dormer Brd (3-01-0150)
- 545**  1@ 1 x 4 x 7 1/2" Left Dormer Brd (3-01-0151)
- 546**  1@ 1 x 4 x 5 7/16" Left Dormer Brd (3-01-0152)
- 547**  1@ 1 x 4 x 3 3/8" Left Dormer Brd (3-01-0153)
- 548**  8@ 1 x 4 x 6" Upper Leg Brace (3-01-0154)
- 549**  8@ 1 x 4 x 6" Lower Leg Brace (3-01-0155)
- 378**  1@ 1 x 6 x 18" Chimney Front (3-02-0025)
- 379**  1@ 1 x 6 x 12 1/8" Chimney Back (3-02-0026)
- 550**  1@ 1 x 6 x 20" Short Door Upright (3-02-0030)
- 551**  1@ 1 x 6 x 7" Short Door Upright (3-02-0031)
- 53**  1@ 2 x 4 x 19" Table Runner (3-03-0008)
- 54**  2@ 2 x 4 x 30" Left Picnic Table Leg (3-03-0009)
- 55**  2@ 2 x 4 x 30" Right Picnic Table Leg (3-03-0010)
- 56**  2@ 2 x 4 x 18 3/4" Table Brace (3-03-0011)
- 57**  2@ 2 x 4 x 45" Seat Support (3-03-0012)
- 58**  2@ 2 x 4 x 19" Table Support (3-03-0013)
- 355**  1@ 2 x 4 x 26" Fan Horizontal (3-03-0050)
- 357**  1@ 2 x 4 x 24 1/4" Left Dormer Support (3-03-0052)
- 358**  1@ 2 x 4 x 24 1/4" Right Dormer Support (3-03-0053)
- 359**  1@ 2 x 4 x 6 5/8" Chimney Block (3-03-0054)
- 552**  1@ 2 x 4 x 6" Fan Center (3-03-0064)
- 553**  4@ 4 x 4 x 60" Corner Upright (3-06-0035)
- 554**  2@ 4 x 4 x 51" Short Corner Upright (3-06-0036)
- 555**  8@ 5/4 x 4 x 12" Stool Leg (3-06-0037)
- 224**  11@ 5/4 x 4 x 45" 2 Hole Facia (3-09-0001)
- 380**  2@ 5/4 x 4 x 23 1/2" Dormer Runner (3-09-0033)
- 411**  2@ 5/4 x 4 x 36" Seat Board (3-09-0039)

FIESTA PLAYHOUSE PARTS LIST

- 556**  1@ 5/4 x 4 x 37" Counter Facia (3-09-0051)
- 557**  1@ 5/4 x 4 x 45" Arched Facia (3-09-0052)
- 558**  1@ 5/4 x 4 x 41" Outer Counter Top Brd (3-09-0053)
- 559**  2@ 5/4 x 4 x 12 3/4" Corner Facia (3-09-0054)
- 560**  2@ 5/4 x 4 x 41 1/4" Angled Trim Brd (3-09-0055)
- 561**  1@ 5/4 x 4 x 41" Counter Top Brd (3-09-0056)
- 562**  1@ 5/4 x 4 x 39" Short Counter Top Brd (3-09-0057)
- 563**  2@ 5/4 x 4 x 12" Flower Box Front (3-09-0058)
- 564**  2@ 5/4 x 4 x 10 1/8" Flower Box Bottom (3-09-0059)
- 565**  4@ 5/4 x 4 x 3 1/4" Flower Box Side (3-09-0060)
- 566**  2@ 5/4 x 4 x 32 1/8" Roof Frame Side (3-09-0061)
- 567**  6@ 5/4 x 4 x 51" Top/Bttm Roof Frame (3-09-0062)
- 568**  2@ 5/4 x 4 x 20 5/8" Roof Frame Side (3-09-0063)
- 569**  2@ 5/4 x 4 x 43 5/8" Roof Frame Side (3-09-0064)
- 570**  6@ 5/4 x 4 x 12 3/4" Window Vertical Trim (3-09-0066)
- 571**  3@ 5/4 x 4 x 12 3/4" Window Vertical (3-09-0067)
- 572**  1@ 5/4 x 4 x 18 1/4" Top Arched Door Trim (3-09-0068)
- 573**  2@ 5/4 x 4 x 18 1/4" Door Facia (3-09-0069)
- 574**  1@ 5/4 x 4 x 48" Runner Board (3-09-0070)
- 575**  1@ 5/4 x 4 x 25" Runner Board (3-09-0071)
- 576**  1@ 5/4 x 4 x 31 1/2" Runner Board (3-09-0072)
- 577**  3@ 5/4 x 4 x 5 1/2" Floor Runner Support (3-09-0074)
- 578**  1@ 5/4 x 4 x 45" Floor Runner (3-09-0075)
- 579**  2@ 5/4 x 4 x 37 7/16" Left Roof Support (3-09-0076)
- 580**  2@ 5/4 x 4 x 37 7/16" Right Roof Support (3-09-0077)
- 581**  1@ 5/4 x 4 x 48 1/2" Right Lean-To Roof Support (3-09-0078)
- 582**  1@ 5/4 x 4 x 48 1/2" Left Lean-To Roof Support (3-09-0079)
- 583**  1@ 5/4 x 4 x 44" Door Upright (3-09-0080)
- 584**  1@ 5/4 x 4 x 44" Door Upright w/Handle Hole (3-09-0081)

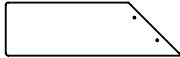
FIESTA PLAYHOUSE PARTS LIST

231



5@ 5/4 x 6 x 45" 4 HOLE FACIA (3-10-0001)

382



2@ 5/4 x 6 x 17 3/8" CHIMNEY SIDE (3-10-0016)

391



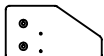
2@ 5/4 x 6 x 36" SEAT BOARD (3-10-0019)

586



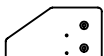
1@ 5/4 x 6 x 87" 6 HOLE FACIA (3-10-0026)

587



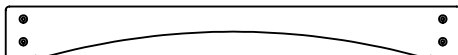
1@ 5/4 x 6 x 9 1/2" LEFT COUNTER SUPPORT (3-10-0027)

588



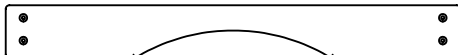
1@ 5/4 x 6 x 9 1/2" RIGHT COUNTER SUPPORT (3-10-0028)

589



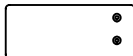
2@ 5/4 x 6 x 45" ARCHED FACIA (3-10-0033)

590



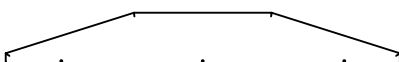
1@ 5/4 x 6 x 45" ARCHED FACIA (3-10-0034)

591



2@ 5/4 x 6 x 12 3/4" 2 HOLE FACIA (3-10-0035)

592



2@ 5/4 x 6 x 39" WINDOW TOP/BTTM (3-10-0036)

593



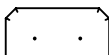
1@ 5/4 x 6 x 18 1/4" ARCHED DOOR TRIM (3-10-0037)

594



2@ 5/4 x 6 x 9" FAN CENTER (3-10-0038)

595



4@ 5/4 x 6 x 10 1/4" STOOL SEAT (3-10-0039)

585



2@ 5/4 x 4 x 6" DOOR HANDLE (3-09-0083)

N83



1@ 5/8" RAINBOW PLAQUE (5-42-0028)

N261



1@ FLOOR DOORSTOP W/HARDWARE (5-47-0052)

N262



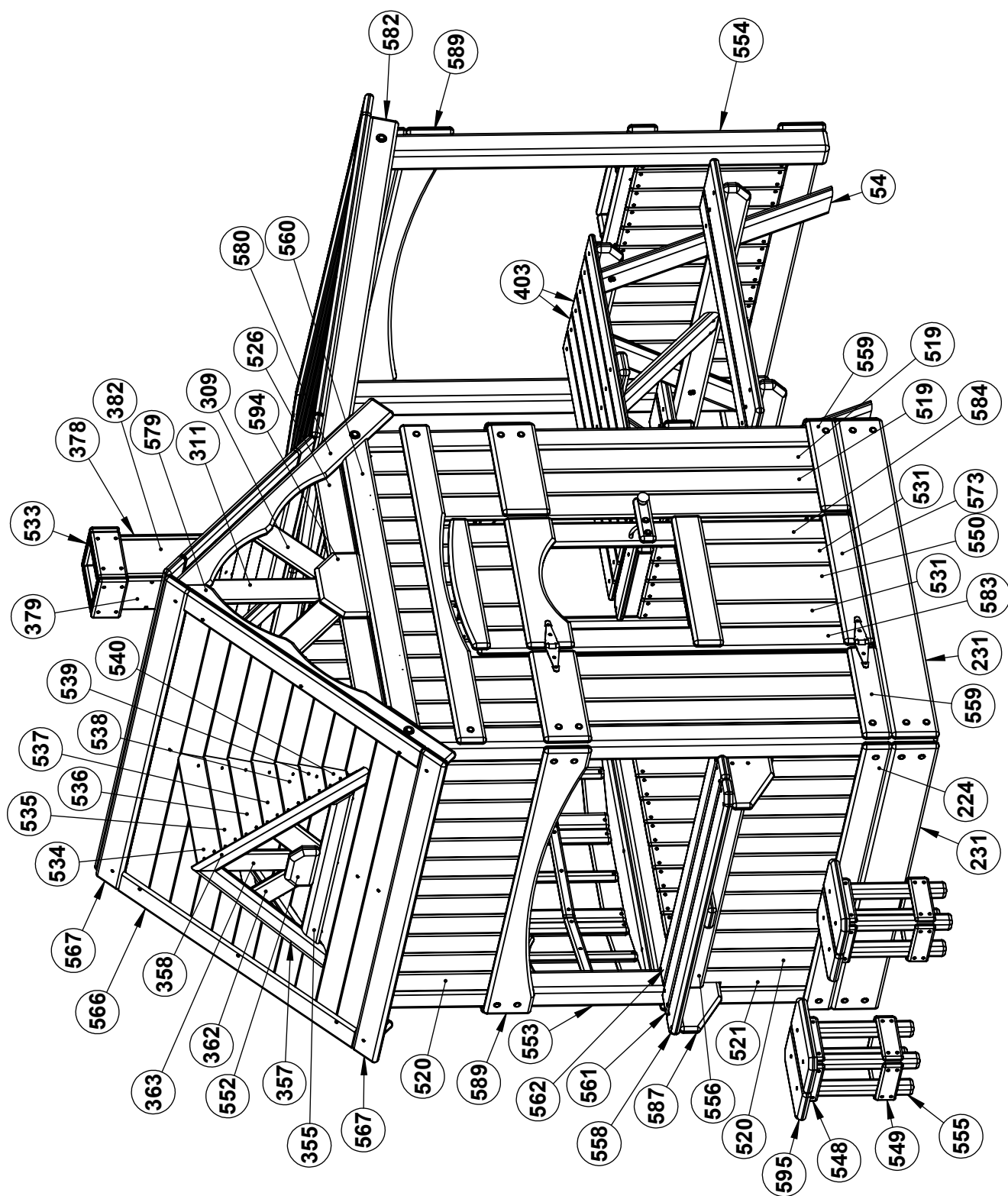
2@ 4" HINGE W/HARDWARE (5-47-0053)

N263



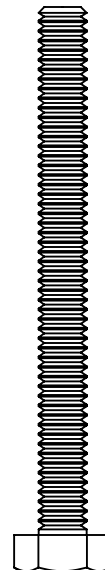
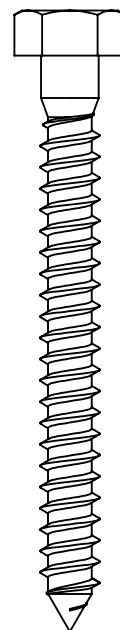
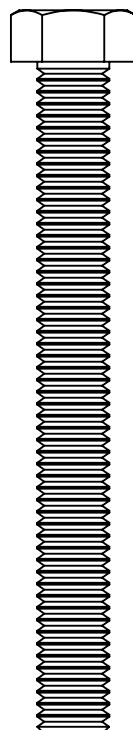
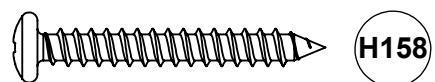
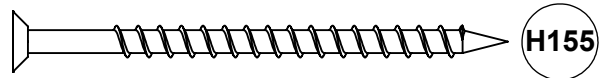
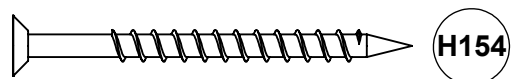
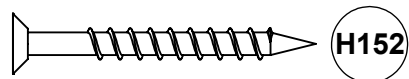
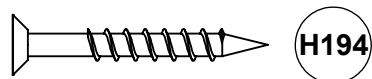
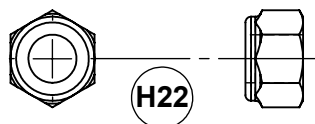
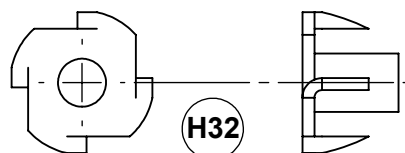
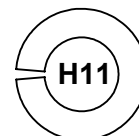
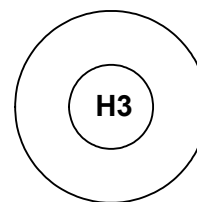
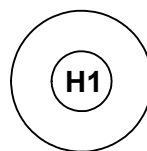
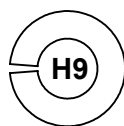
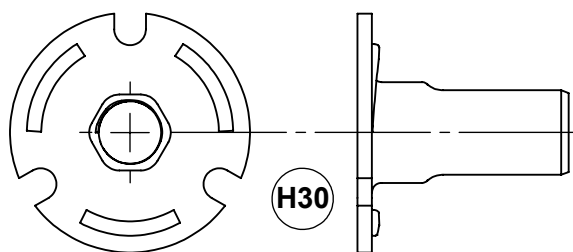
2@ DOOR KNOB (5-47-0054)

PARTS IDENTIFICATION



This diagram is an exploded view of a mechanical assembly, likely a piece of industrial machinery. It shows various components separated to illustrate their assembly relationship. The components are identified by numbers in circles, ranging from 224 to 595. The assembly includes a main frame with vertical supports, a horizontal base, and a complex upper mechanism with multiple rollers or guides. The exploded view shows how these parts fit together, with lines indicating the assembly path. The components are labeled with numbers in circles, and the entire diagram is titled 'PARTS IDENTIFICATION'.

HARDWARE FOR ASSEMBLY



0

1

2

3

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Fiesta Playhouse Hardware List

| F/N# | DESCRIPTION | DIMENSION | BAG/QTY |
|------|-----------------------------|---------------|----------------|
| H1 | Flat Washer | 1/4" | 5-46-0666 @84 |
| H3 | Flat Washer | 3/8" | 5-46-0666 @6 |
| H9 | Lock Washer | 1/4" | 5-46-0666 @10 |
| H11 | Lock Washer | 3/8" | 5-46-0666 @6 |
| H30 | Round Pallet Nut | 3/8" | 5-46-0666 @6 |
| H32 | 4 Prong T-Nut | 1/4" | 5-46-0666 @8 |
| H22 | Nyloc Nut | 1/4" | 5-46-0666 @2 |
| H108 | Lag Bolt | 5/16" x 3" | 5-46-0666 @72 |
| H146 | Hex Bolt | 1/4" x 2 1/4" | 5-46-0666 @8 |
| H193 | Hex Bolt | 1/4" x 2 3/4" | 5-46-0666 @2 |
| H129 | Hex Bolt | 3/8" x 3 1/2" | 5-46-0666 @6 |
| H194 | Phillips Wood Screw | #8 x 1 1/4" | 5-46-0666 @728 |
| H152 | Phillips Wood Screw | #8 x 1 1/2" | 5-46-0666 @178 |
| H154 | Phillips Wood Screw | #8 x 2" | 5-46-0666 @48 |
| H155 | Phillips Wood Screw | #8 x 2 1/2" | 5-46-0666 @4 |
| H158 | Phillips Pan Head Tap Screw | #10 x 1 1/2" | 5-46-0666 @6 |

EXAMPLE: 5-46-0666* @ 2**

*DENOTES HARDWARE BAG

**DENOTES QUANTITY NEEDED OUT OF HARDWARE BAG

NOTE: EXTRA HARDWARE IS INCLUDED IN THE BAGS.

NOT ALL HARDWARE WILL BE USED TO COMPLETE THE INSTALLATION.

TOOLS REQUIRED FOR ASSEMBLY

| | | |
|----------------------------|-----------------------------|------------------------|
| Tape Measure | Electric Impact Gun or 1/4" | 7/16" Deep Well Socket |
| Carpenters Level | and 3/8" Ratchet | 9/16" Deep Well Socket |
| Carpenters Square | 1/8" Drill Bit | 9/16" Box Wrench |
| Rubber Mallet | 1/4" Drill Bit | Safety Glasses |
| Claw Hammer | 5/16" Drill Bit | Adult Helper |
| Wood Clamp | 9/16" Drill Bit | |
| Standard or Cordless Drill | Torque Wrench | |
| with #2 & #3 Phillips Bits | Crescent Wrench | |

Step 1

Wall Assembly

***NOTE: Pre-drill holes for all 5/16" Lag Bolts with a 1/8" drill bit.**

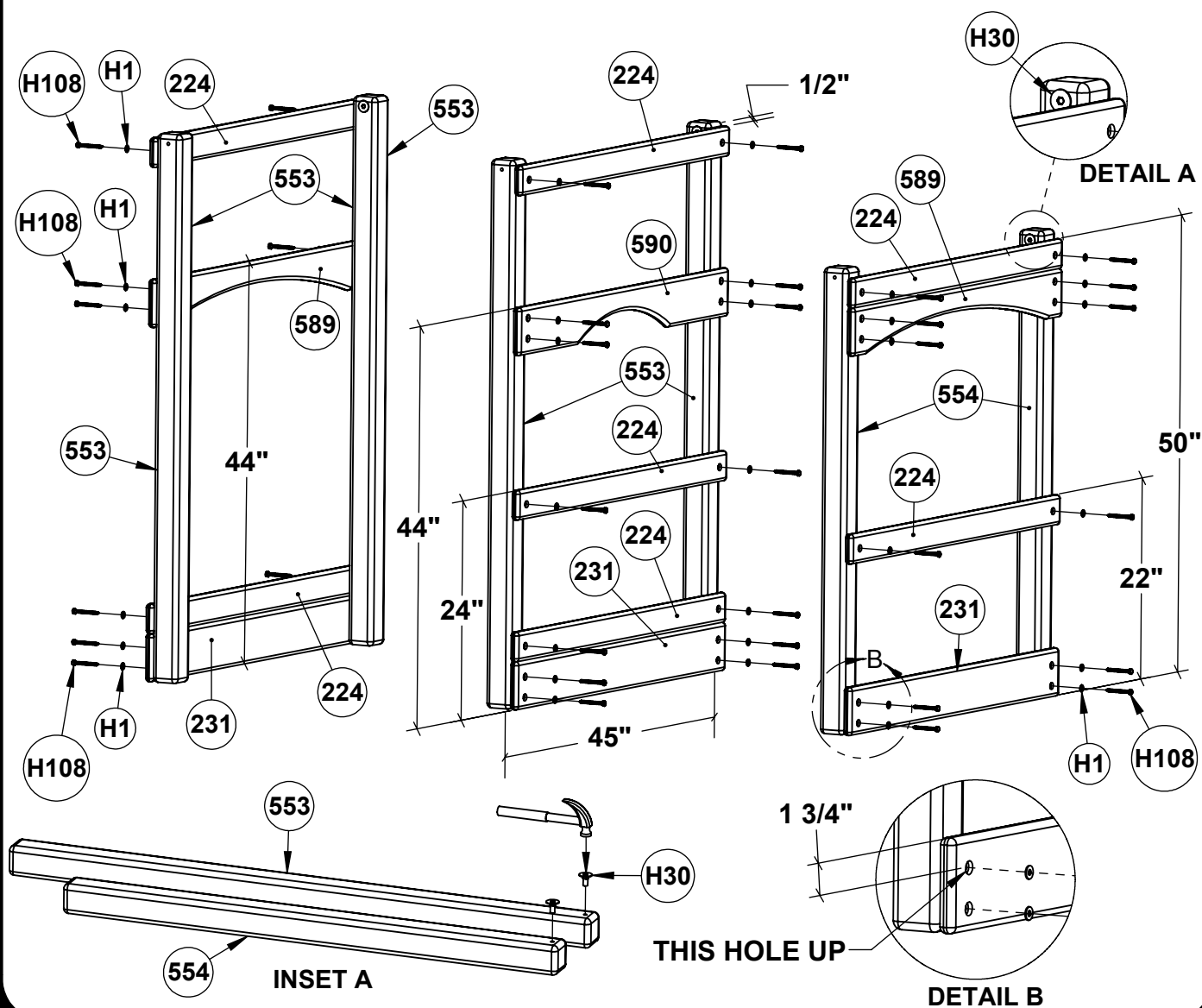
1. Position Corner Uprights (553) (554) on the ground and insert 3/8" Hardware (H30) into pre-drilled holes (as shown in INSET A).
2. On a flat surface, position Corner Uprights (553) (554) (as shown) with 3/8" Hardware (H30) facing in.

***NOTE: Holes on 4 Hole Facias (231) are offset. See Detail B for proper installation.**

3. Place 4 Hole Facias (231) flush with the bottoms of Corner Uprights (553) (554), square and attach 4 Hole Facias (231) using 1/4" Hardware (H1) and 5/16" Hardware (H108).
4. Position 2 Hole Facias (224) 1/2" down on Corner Uprights (553) and 50" up on Corner Uprights (554) and attach using 1/4" Hardware (H1) and 5/16" Hardware (H108).

***NOTE: Make sure each wall assembly is square at this time.**

5. Position two 2 Hole Facias (224) directly on top of 4 Hole Facias (231) (as shown) and attach to Corner Uprights (553) using 1/4" Hardware (H1) and 5/16" Hardware (H108).
6. Position 2 Hole Facias (224) 22" up on Corner Uprights (554) and 24" up on Corner Uprights (553) (as shown) and attach using 1/4" Hardware (H1) and 5/16" Hardware (H108).
7. Position Arched Facias (589) (590) 44" up on Corner Uprights (553) and attach using 1/4" Hardware (H1) and 5/16" Hardware (H108).
8. Position Arched Facia (589) up against the bottom of 2 Hole Facia (224) and attach to Corner Uprights (554) using 1/4" Hardware (H1) and 5/16" Hardware (H108).



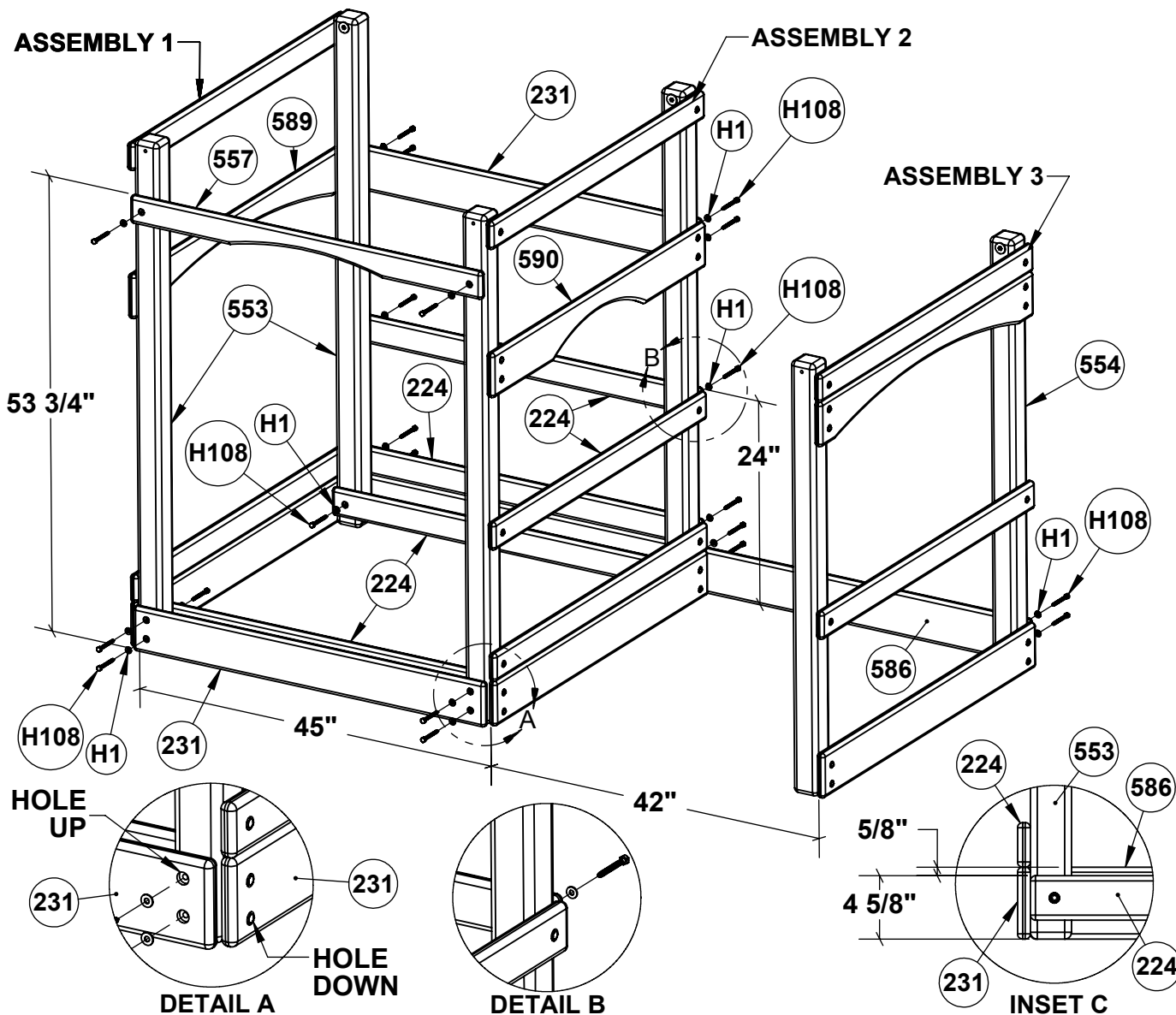
Step 2

Wall Assembly

***NOTE:** Pre-drill holes for all 5/16" Lag Bolts with a 1/8" drill bit.

***NOTE:** Two to Three people should be used to complete this step.

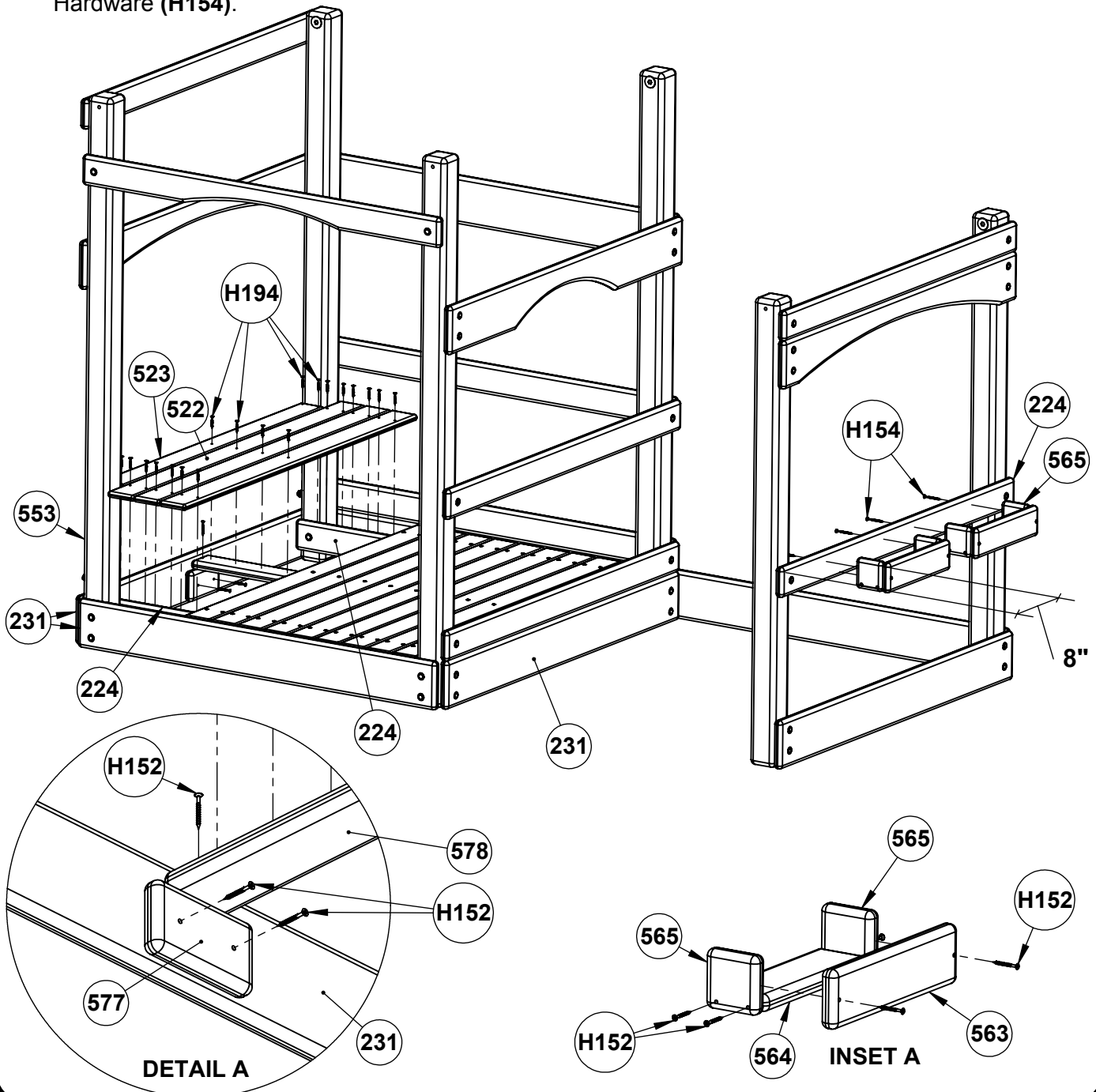
1. Position Wall Assembly 1 and Wall Assembly 2 (as shown).
2. Join Wall Assemblies 1 and 2 by attaching 4 Hole Facia (231) and 6 Hole Facia (586) using 1/4" Hardware (H1) and 5/16" Hardware (H108). Uprights should measure 45" from outside to outside.
***NOTE: Holes on 4 Hole Facias (231) are offset. See Detail A for proper installation.**
3. Measure up 53 3/4" and attach Arched Facia (557) to Corner Uprights (553) using 1/4" Hardware (H1) and 5/16" Hardware (H108).
4. Position 2 Hole Facia (224) flush with the top of previously installed 2 Hole Facia (224) and attach to Corner Uprights (553) using 1/4" Hardware (H1) and 5/16" Hardware (H108) (as shown in Detail B).
5. Position 4 Hole Facia (231) flush with the tops of Arched Facias (589) (590) (as shown) and attach to Corner Uprights (553) using 1/4" Hardware (H1) and 5/16" Hardware (H108).
6. Position Wall Assembly 3 (as shown) and attach to 6 Hole Facia (586) using 1/4" Hardware (H1) and 5/16" Hardware (H108).
7. Position 2 Hole Facias (224) approximately 5/8" below 4 Hole Facias (231) (as shown in Inset C) and attach to Corner Uprights (553) using 1/4" Hardware (H1) and 5/16" Hardware (H108).



Step 3

Floor Installation

1. Opposite one another, center Runner Blocks (577) horizontally and $1 \frac{9}{16}$ " down from the top of 4 Hole Facias (231) and attach to 4 Hole Facias (231) using #8 Hardware (H152).
 2. Center Runner Board (578) on top of Runner Blocks (577) and attach using #8 Hardware (H152).
 3. Evenly space Floor Boards (522) (523) across 2 Hole Facias (224) and attach using #8 Hardware (H194).
 4. Attach Flower Box Sides (565) to Flower Box Bottom (564) using #8 Hardware (H152) (as shown in INSET A).
 5. Attach Flower Box Front (563) to Flower Box Sides (565) using #8 Hardware (H152).
- *SUGGESTION:** Mark measurements for attaching assembled Flower Boxes and transfer measurements to the back side of 2 Hole Facia (224) to ensure wood screws protrude into Flower Box Sides (565) and Flower Box Bottom (564).
6. Position assembled Flower Boxes against 2 Hole Facia (224) (as shown) and attach using #8 Hardware (H154).



Step 4

Rail Installation

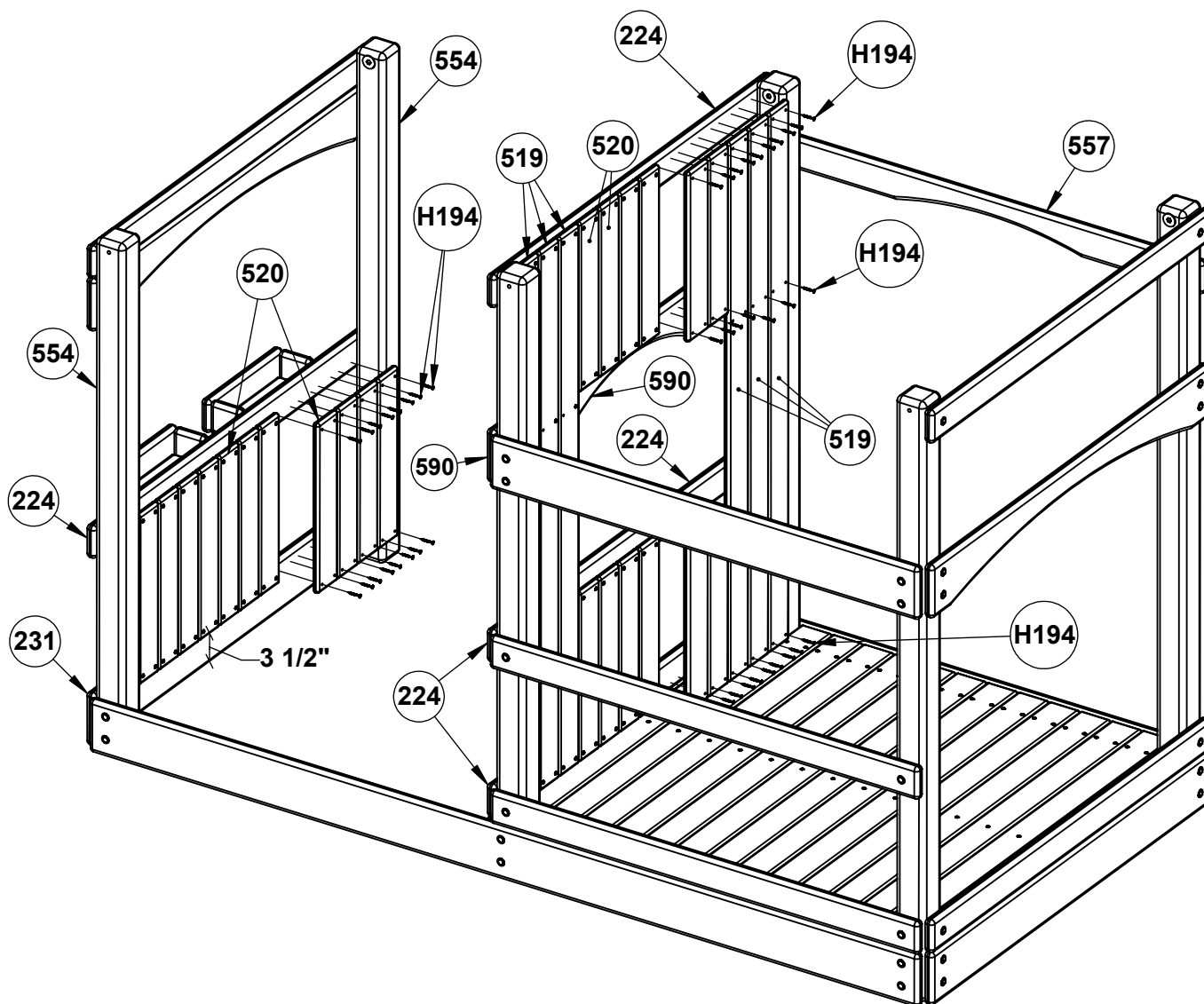
***NOTE:** All Railing installations should fit snug with no or minimal space in between each Board (520) (519).

***NOTE:** Ensure pre-drilled screw holes hit the flat surface of the facias they attach to.

1. Position Rail Uprights (520) (as shown) against 4 Hole Facia (231) and 2 Hole Facia (224) and attach using #8 Hardware (H194).

***NOTE:** Full Rail Uprights (519) and Rail Uprights (520) should rest directly on the Floor Boards.

2. Position Full Rail Uprights (519) (as shown) and attach to Facias (224) (590) using #8 Hardware (H194).
3. Position Rail Uprights (520) (as shown) and attach to Facias (224) (590) using #8 Hardware (H194). Top Rail Uprights (520) should be flush with the tops of Full Rail Uprights (519).



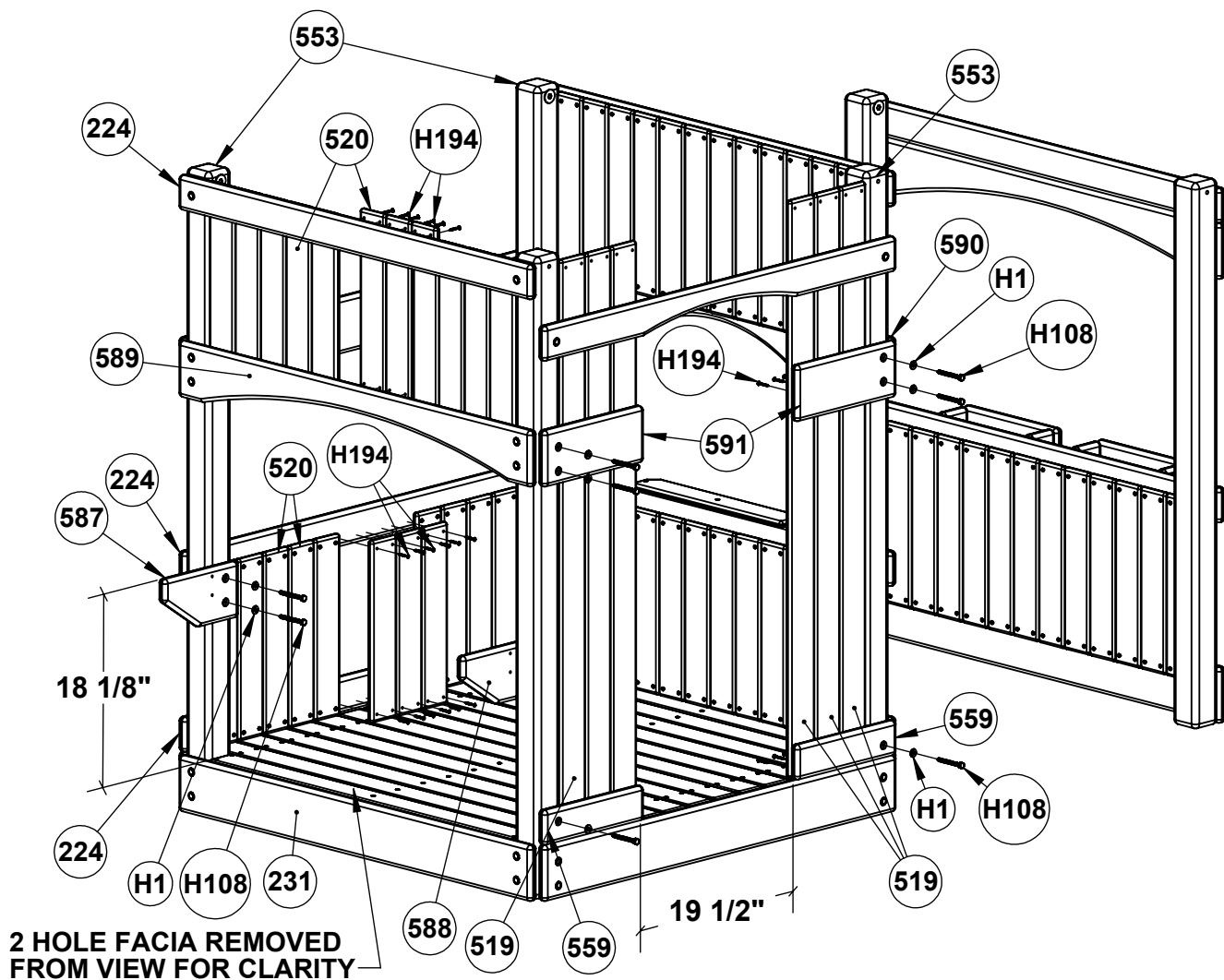
Step 5

Rail Installation

***NOTE: All Railing installations should fit snug with no or minimal space in between each Boards (519) (520).**

***NOTE: Ensure pre-drilled screw holes hit the flat surface of the facias they attach to.**

1. Measure up **18 1/8"** on Corner Uprights (**553**) and attach Left Counter Support (**587**) and Right Counter Support (**588**) using 1/4" Hardware (**H1**) and 5/16" Hardware (**H108**).
2. Position Corner Facias (**559**) and 2 Hole Facias (**591**) (in locations shown) and attach to Corner Uprights (**553**) using 1/4" Hardware (**H1**) and 5/16" Hardware (**H108**).
3. Attach Rail Uprights (**520**) (in locations shown) to 2 Hole Facias (**224**) and Arched Facia (**589**) using #8 Hardware (**H194**).
4. Position Full Rail Uprights (**519**) (in locations shown) and attach to Corner Facias (**559**) and 2 Hole Facias (**591**) using #8 Hardware (**H194**). When properly installed, the door opening should measure approximately **19 1/2"** (as shown).

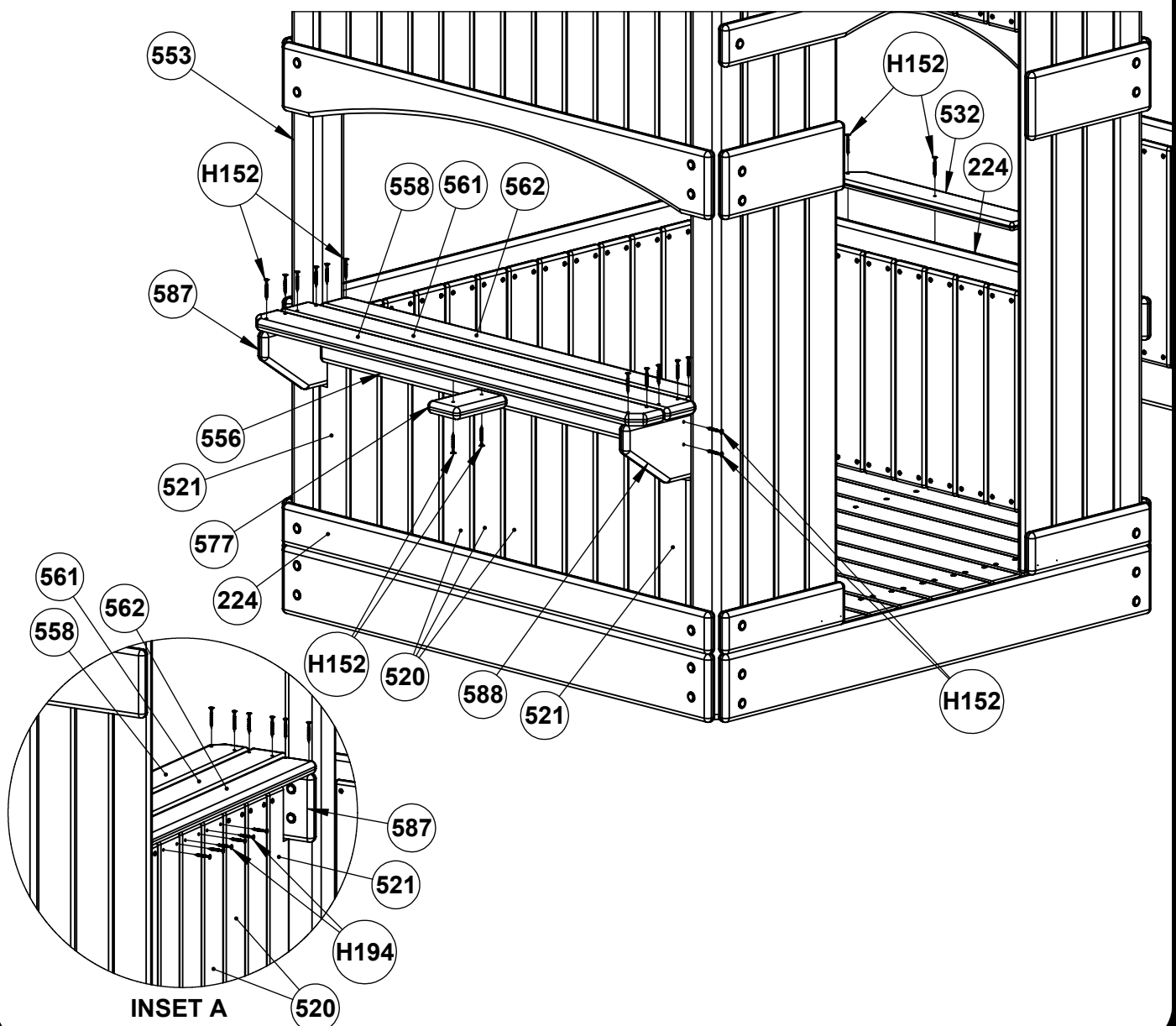


Step 6

Rail & Counter Installation

***NOTE:** All Railing installation should fit snug with no or minimal space in between each part.

1. Center Short Counter Top Board (532) on 2 Hole Facia (224) and attach to 2 Hole Facia (224) using #8 Hardware (H152).
2. Flush back of Short Counter Top Board (562) with the inside of Corner Uprights (553) and attach to Counter Supports (587) (588) using #8 Hardware (H152).
3. Position Counter Top Boards (561) (558) and attach to Counter Supports (587) (588) using #8 Hardware (H152).
4. Position Notched Rail Uprights (521) (in locations shown) and attach to 2 Hole Facia (224) using #8 Hardware (H194).
5. Position Counter Facia (556) between Counter Supports (587) (588), against the bottom of the counter boards, and attach to Counter Supports (587) (588) using #8 Hardware (H152).
6. Attach Notched Rail Uprights (521) to Counter Facia (556) using #8 Hardware (H194).
7. Attach Rail Uprights (520) to 2 Hole Facia (224) and Counter Facia (556) using #8 Hardware (H194).
8. Center Runner Support (577) on counter boards and attach using #8 Hardware (H152).



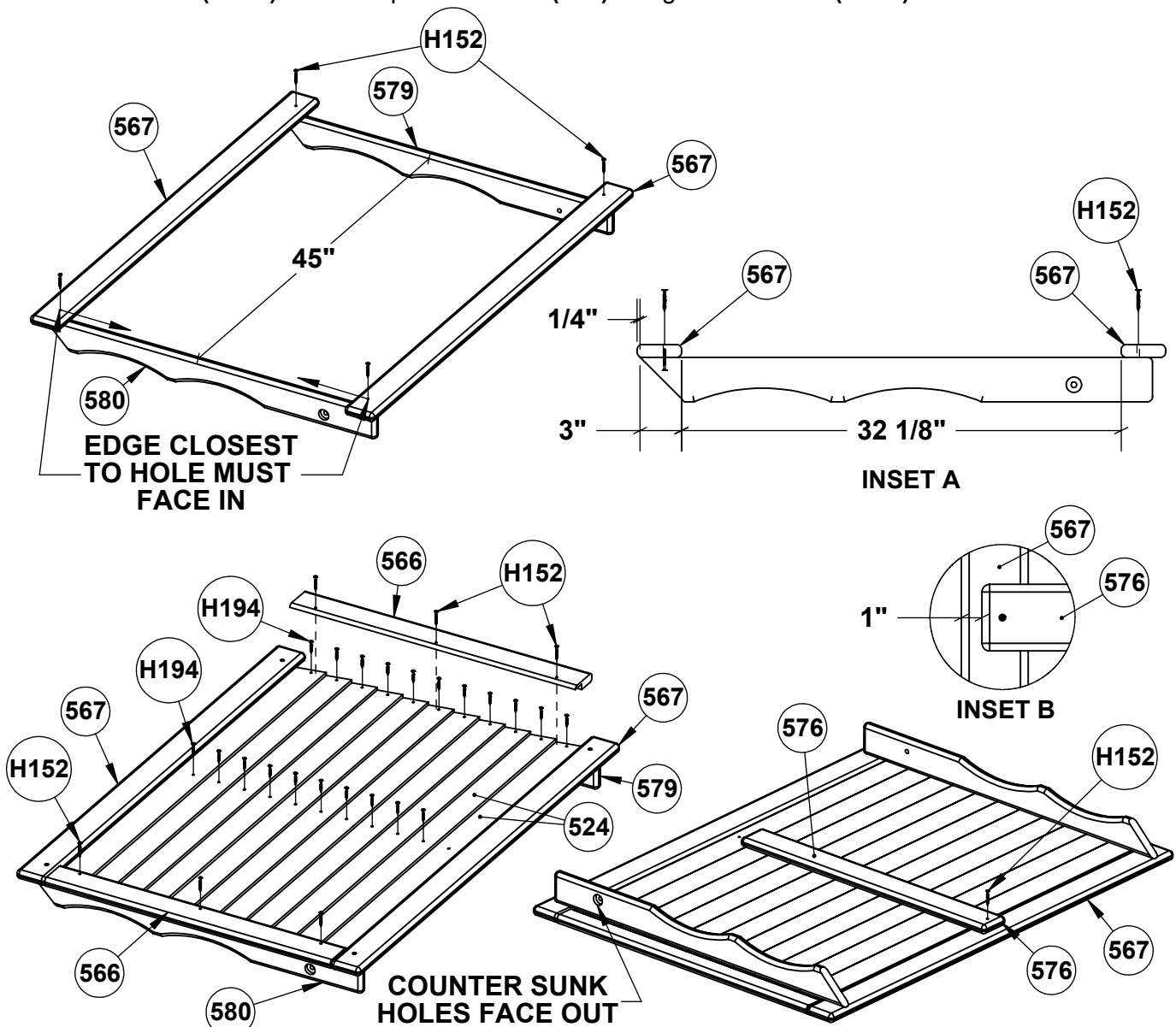
Step 7

Roof Panel Assembly

***SUGGESTION:** Using a second person to stabilize or help hold supports while assembling this step will ensure assembly remains square.

***SUGGESTION:** Complete this step on a flat surface.

1. Position Left Roof Support (579) and Right Roof Support (580) 45" apart (from inside face to inside face) on a flat surface.
2. Position Top/Bottom Roof Frames (567), with holes facing in, centered on top of Supports (579) (580).
3. Top Roof Frame (567) should extend past the tip of Supports (579) (580) no more than a 1/4". Position the Bottom Roof Frame (567) 32 1/8" from the Top Roof Frame (567). Attach Frames (567) to Supports (579) (580) using #8 Hardware (H152).
- *NOTE:** Make sure assembly is square before completing part 4 of this step.
- *SUGGESTION:** Use Roof Frame Sides (566) to properly position (center) Roof Boards (524).
4. Position Roof Boards (524), centered and evenly spaced, on Supports (579) (580) and attach using #8 Hardware (H194).
5. Place Roof Frame Sides (566) on the ends of Roof Boards (524) and attach using #8 Hardware (H152).
6. Position Runner Board (576) (as shown) on the underside of Roof Boards (524) and attach using #8 Hardware (H194) and to Top Roof Frame (567) using #8 Hardware (H152).



Step 8

Short Roof Panel Assembly

***SUGGESTION:** Using a second person to stabilize or help hold supports while assembling this step will ensure assembly remains square.

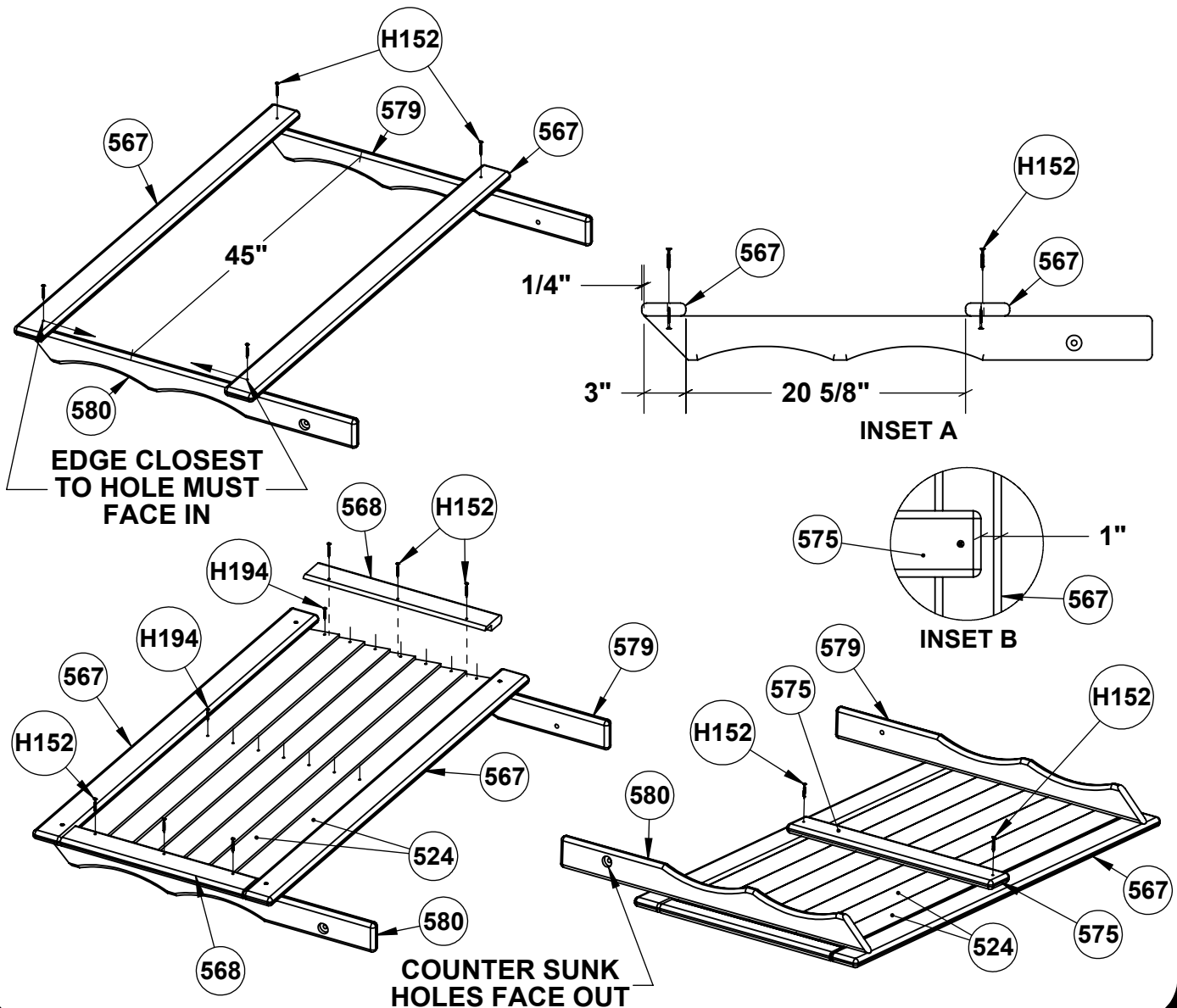
***SUGGESTION:** Complete this step on a flat surface.

1. Position Left Roof Support (579) and Right Roof Support (580) 45" apart (from inside face to inside face) on a flat surface.
2. Position Top/Bottom Roof Frames (567), with holes facing in, centered on top of Supports (579) (580).
3. Top Roof Frame (567) should extend past the tip of Supports (579) (580) no more than a 1/4". Position the Bottom Roof Frame (567) 20 5/8" from the Top Roof Frame (567). Attach Frames (567) to Supports (579) (580) using #8 Hardware (H152).

***NOTE:** Make sure assembly is square before completing part 4 of this step.

***SUGGESTION:** Use Roof Frame Sides (568) to properly position (center) Roof Boards (524).

4. Position Roof Boards (524), centered and evenly spaced, on Supports (579) (580) and attach using #8 Hardware (H194).
5. Place Roof Frame Sides (568) on the ends of Roof Boards (524) and attach using #8 Hardware (H152).
6. Position Runner Board (575) (as shown) on the underside of Roof Boards (524) and attach using #8 Hardware (H194) and to Top Roof Frame (567) using #8 Hardware (H152).



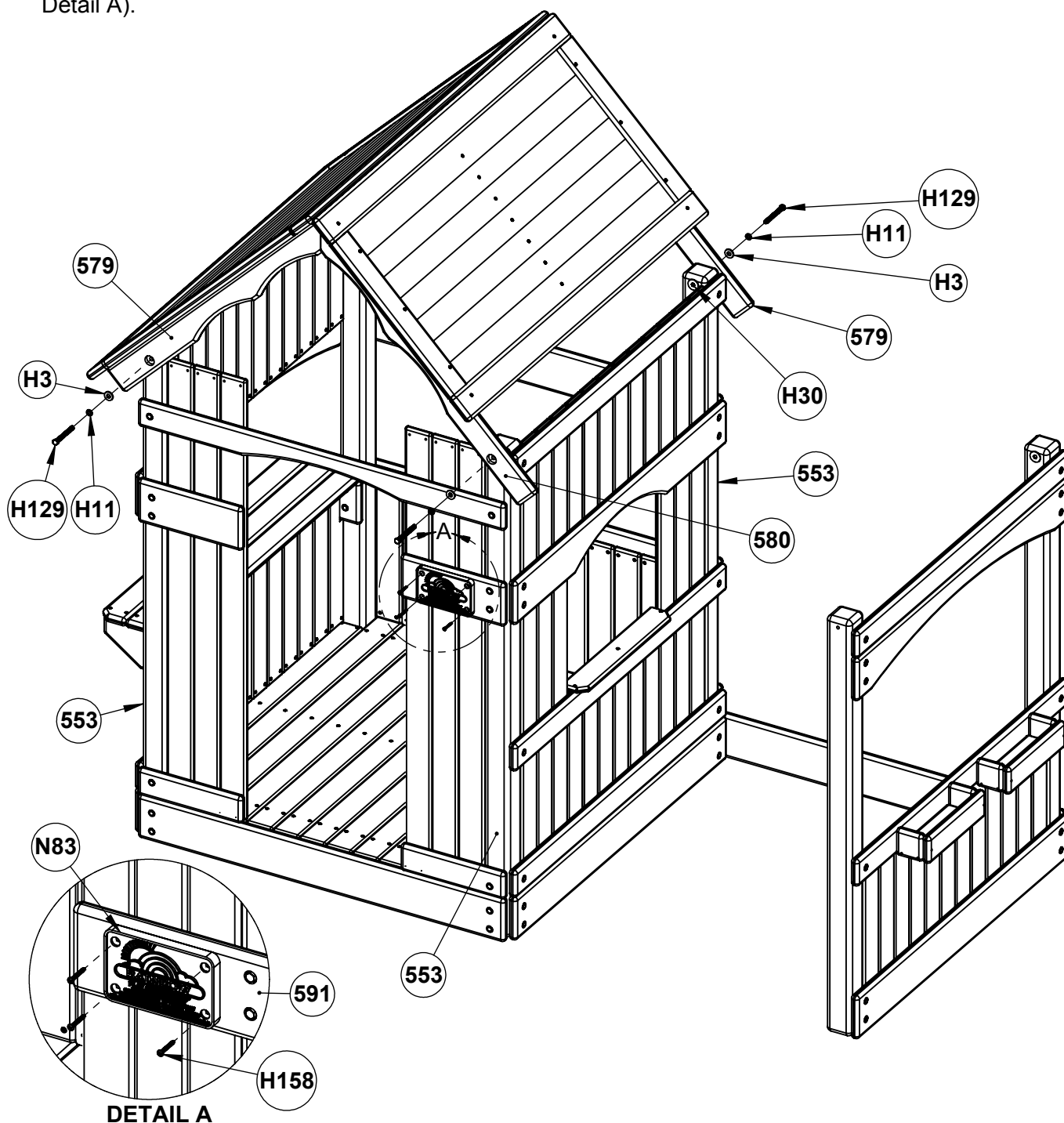
Step 9

Roof Panel Installation

***SUGGESTION:** Use two people to complete this step.

***NOTE:** Do not fully tighten thru bolt Hardware in this step.

1. Lift full roof panel into position (as shown) and attach to Corner Uprights (553) using previously installed 3/8" Hardware (H30) and 3/8" Hardware (H3) (H11) (H129).
2. Lift short roof panel into position (as shown) and attach to Corner Uprights (553) using previously installed 3/8" Hardware (H30) and 3/8" Hardware (H3) (H11) (H129).
3. Center Plaque (N83) on 2 Hole Facia (591) and attach using #10 Hardware (H158) (as shown in Detail A).

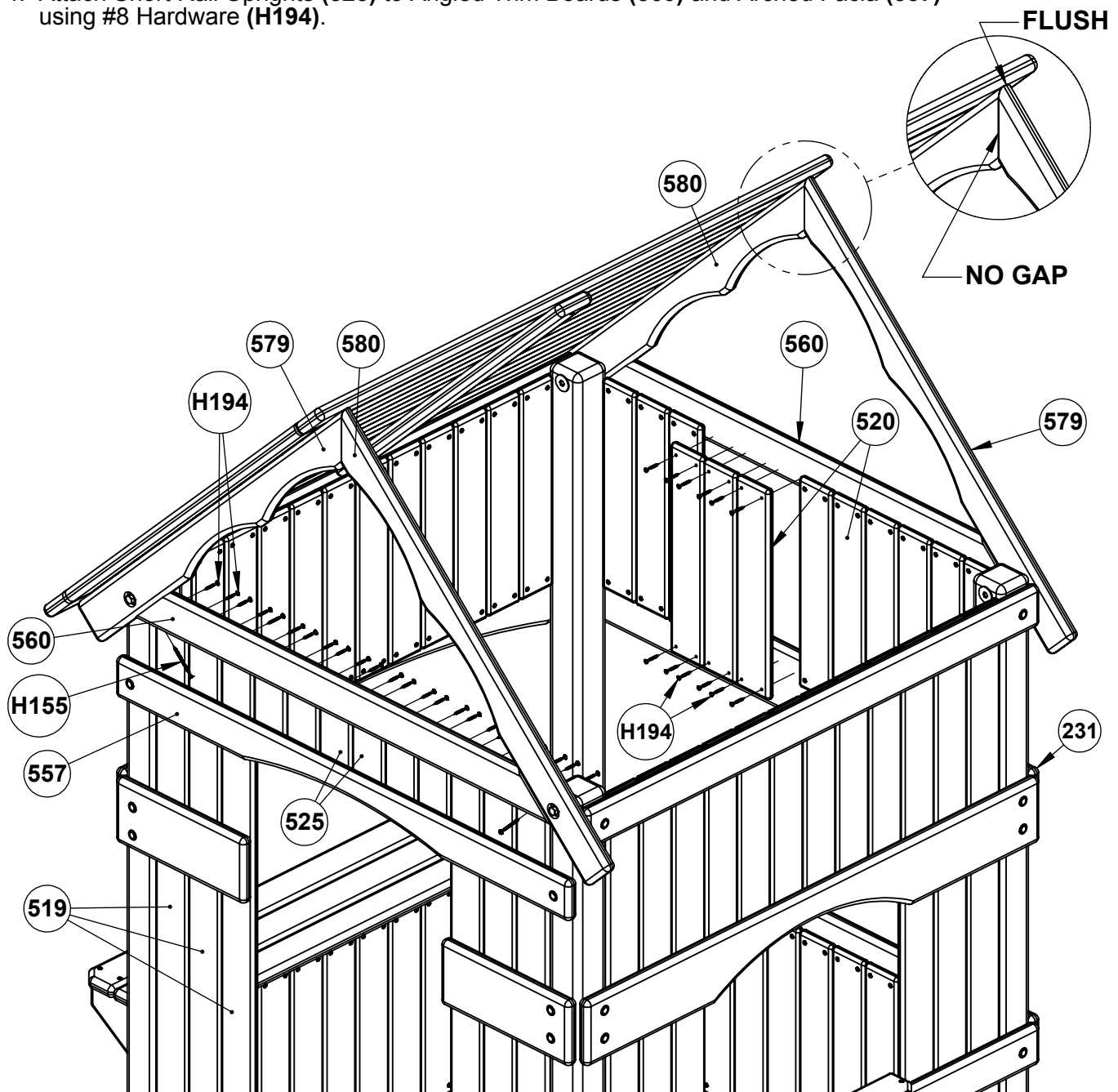


Step 10

Upper Rail Installation

***SUGGESTION:** Use two people to complete this step.

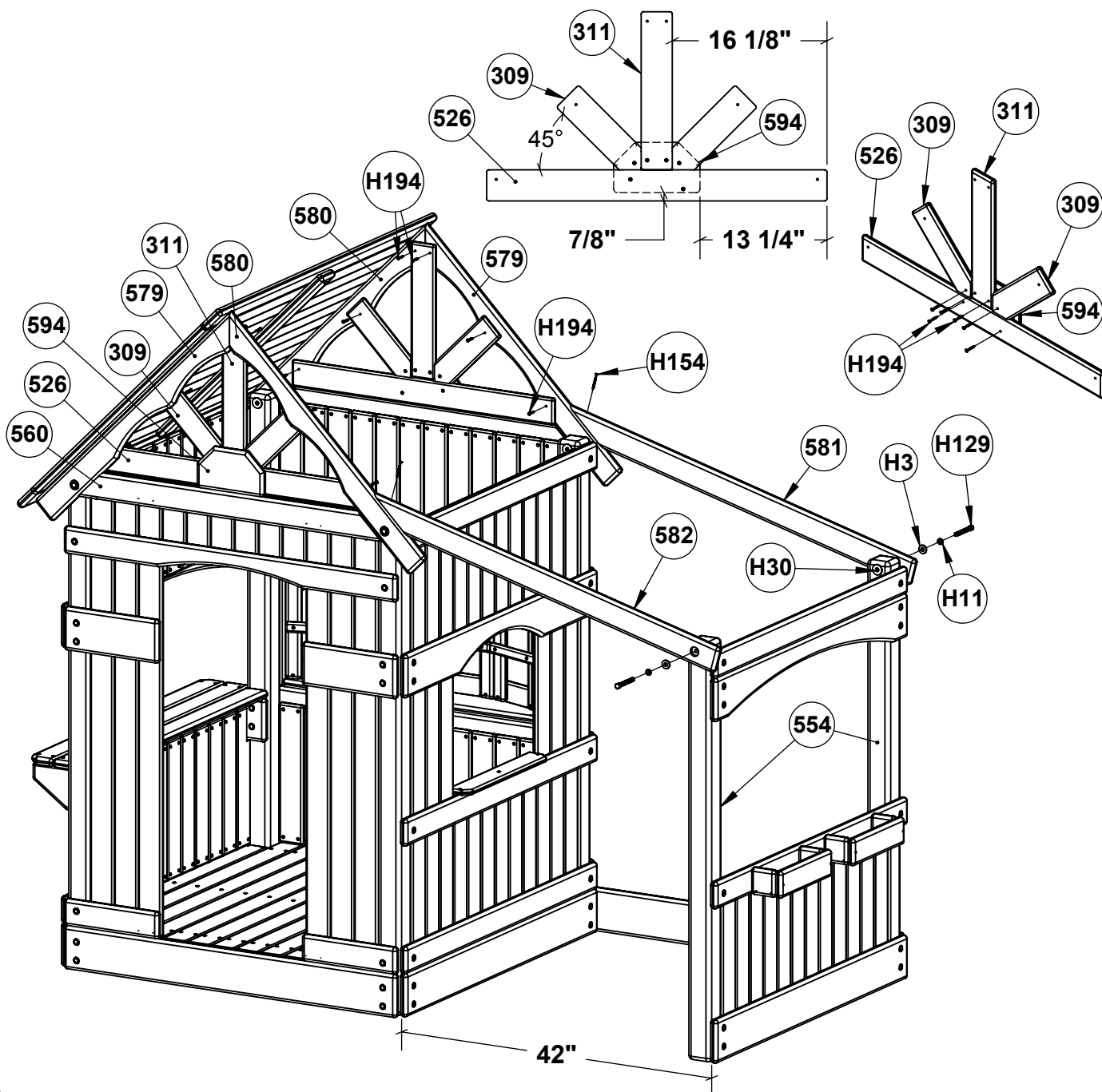
1. Position roof sides so no gap exists between mating faces of Left Roof Support (579) and Right Roof Support (580).
2. Position Angled Trim Boards (560) (as shown) with angled faces against Roof Supports (579) (580), with faces flush (as shown) and attach using #8 Hardware (H155).
3. Attach top of Full Rail Uprights (519) to Angled Trim Boards (560) (as shown) using #8 Hardware (H194). Attach Rail Uprights (520) to Angled Trim Board (560) and 4 Hole Facia (231) using #8 Hardware (H194).
4. Attach Short Rail Uprights (525) to Angled Trim Boards (560) and Arched Facia (557) using #8 Hardware (H194).



Step 11

Fan and Lean-to Roof Support Installation

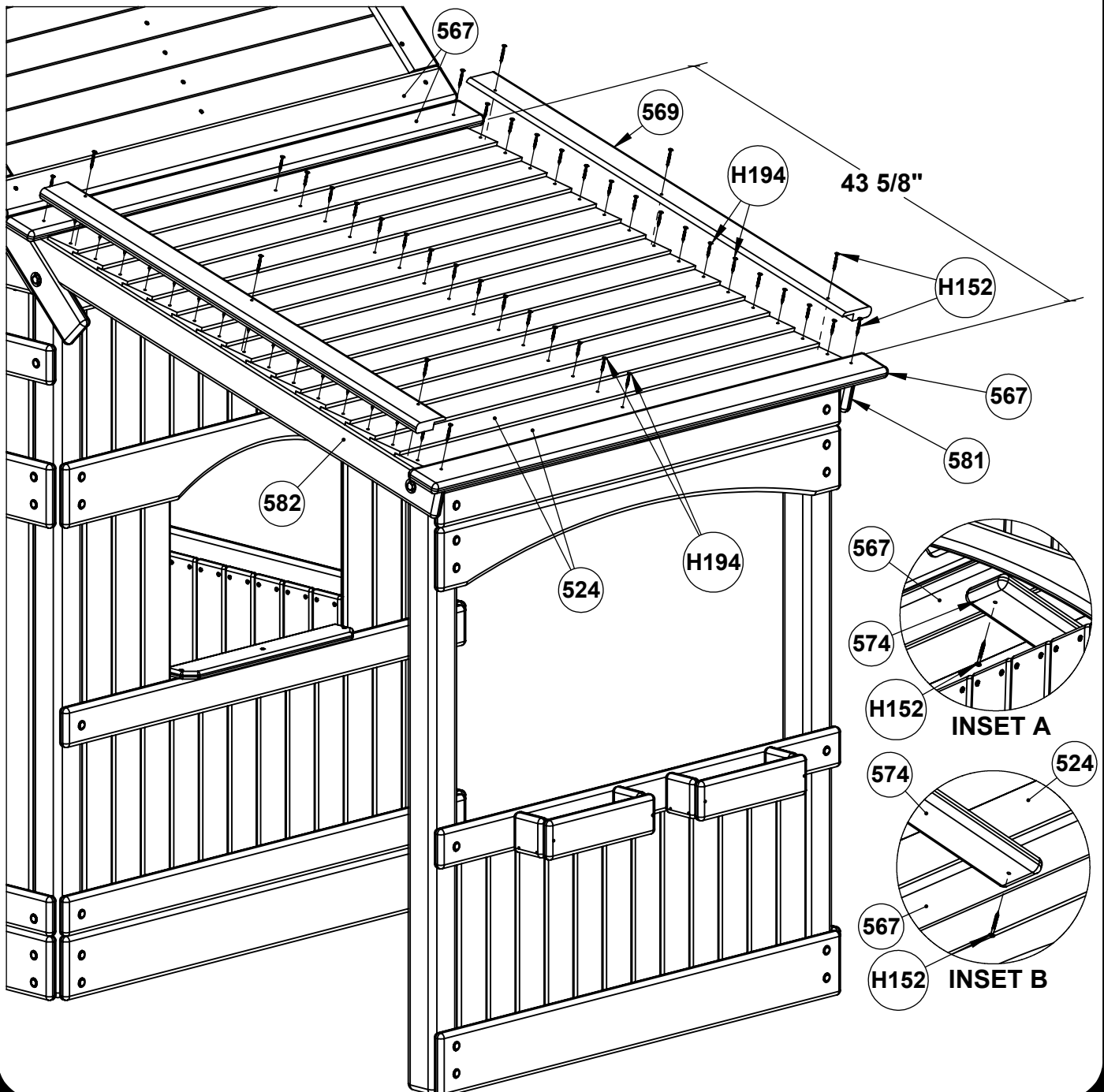
1. On a flat surface arrange Fan Horizontal (526), Fan Vertical (311), Fan Rays (309), and Fan Center (594) and attach using #8 Hardware (H194).
 2. Position Fan Assemblies on top of Angled Trim Boards (560) and attach to Left and Right Roof Supports (579) (580) using #8 Hardware (H194).
***Note: Tighten thru bolt hardware used to attach Left and Right Roof Supports (579) (580) at this time.**
 3. Attach Left and Right Lean-to Roof Supports (581) (582) to Short Corner Uprights (554) using previously installed 3/8" Hardware (H30) and 3/8" Hardware (H3) (H11) (H129).
 4. Attach Left and Right Lean-to Roof Supports (581) (582) to Left and Right Roof Supports (579) (580) using #8 Hardware (H154).
- *NOTE: Check to ensure assembly is square and level.**



Step 12

Lean-to Roof Support Installation

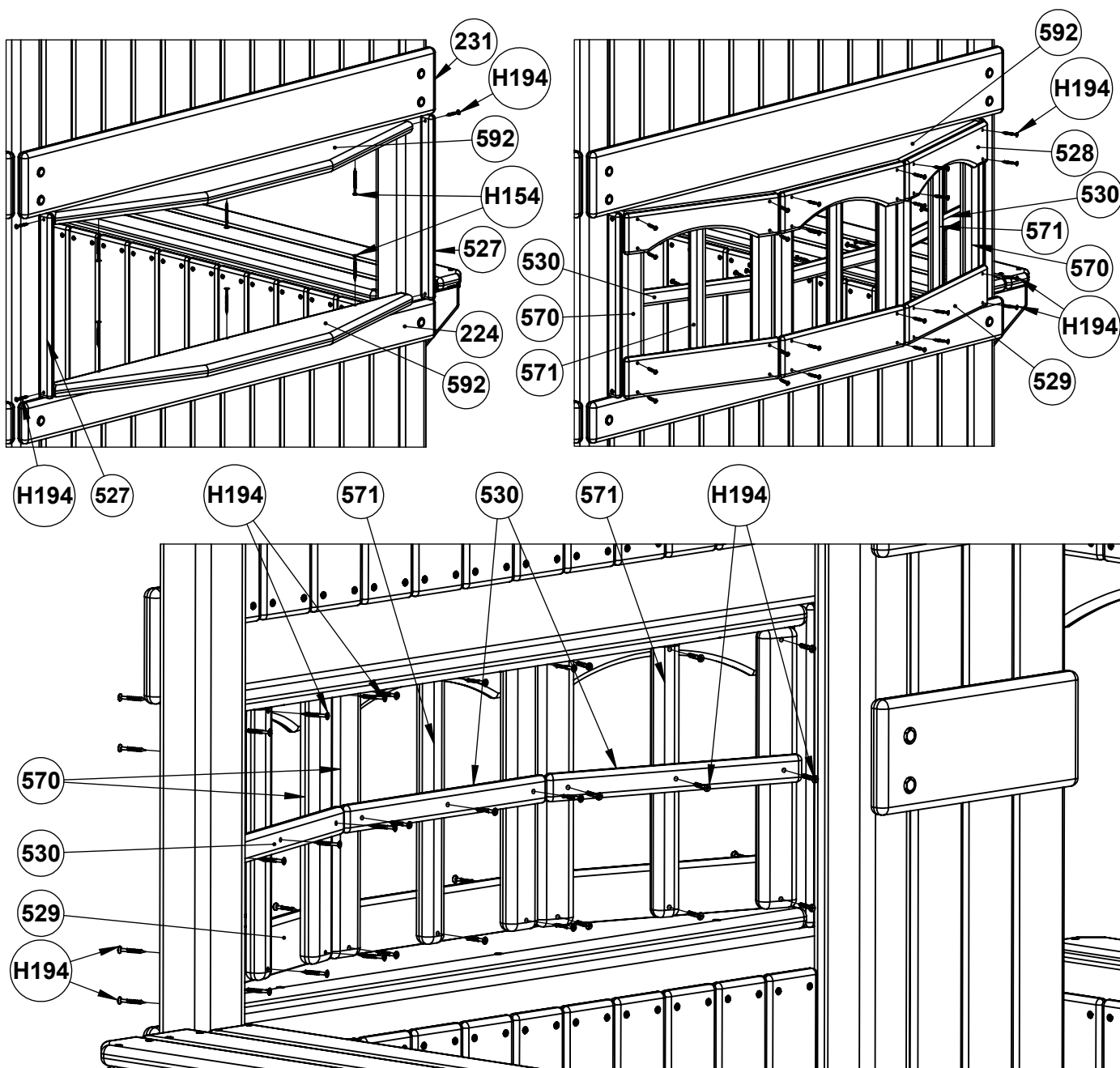
1. Position Top Roof Frame (567) (with holes facing in) across Lean-to Roof Supports (581) (582), up against previously installed Bottom Roof Frame (567), and attach to Supports (581) (582) using #8 Hardware (H152).
2. Measure 43 5/8" in between Top/Bottom Roof Frames (567) and attach Bottom Roof Frame (567) (with holes facing in) to Lean-to Roof Supports (581) (582).
3. Evenly space Roof Boards (524) across Lean-to Roof Supports (581) (582) and attach using #8 Hardware (H194).
4. Position Side Frames (569) on Roof Boards (524) and attach using #8 Hardware (H152).
5. Center Roof Support (574) on Roof Boards (524) and Top/Bottom Roof Frames (567). Attach Roof Runner (574) to Roof Boards (524) using #8 Hardware (H194) and to Top/Bottom Roof Frames using #8 Hardware (H152).



Step 13

Window Installation

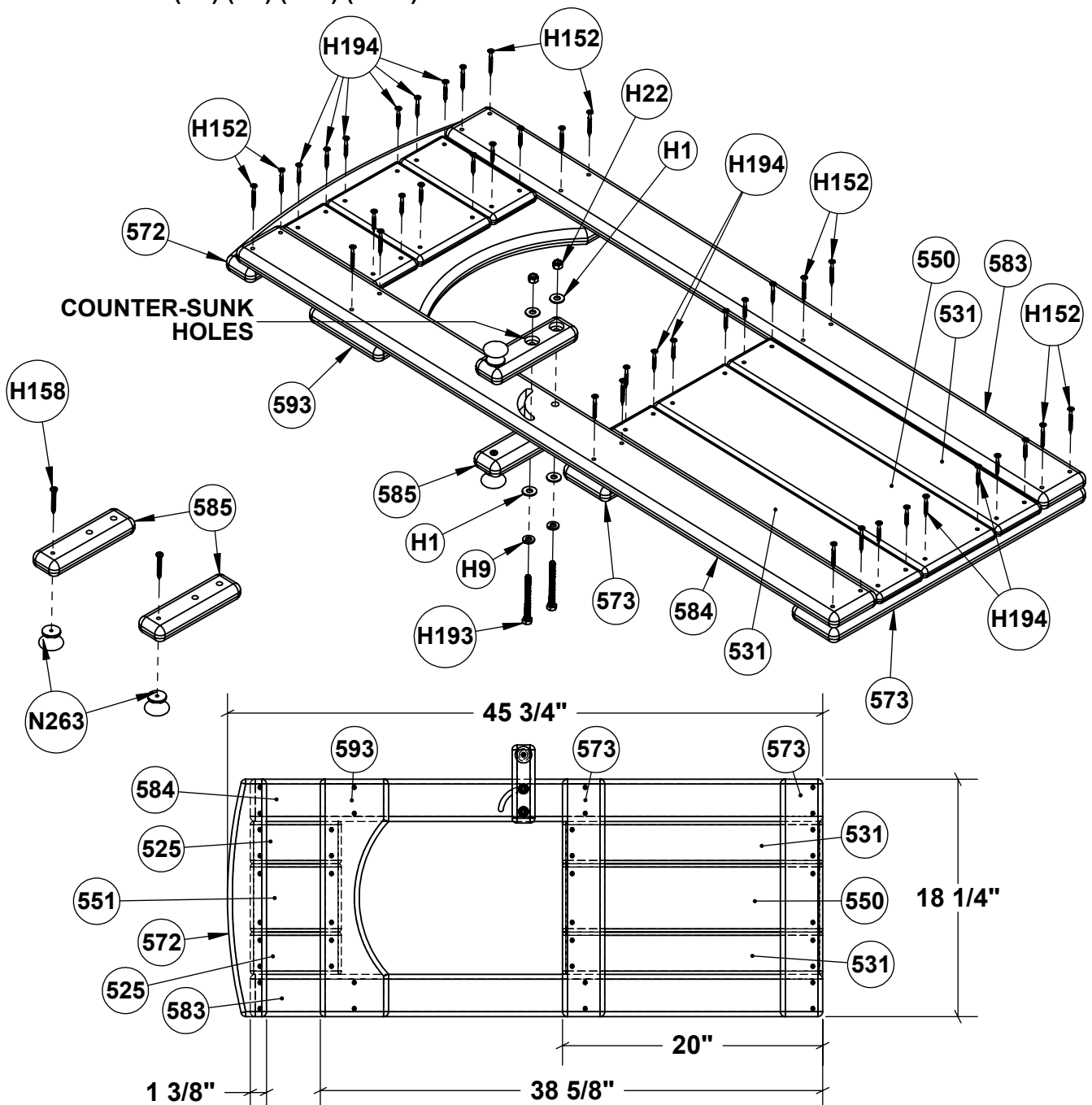
1. Position Window Top/Bottoms (592) flush with the inside of 4 Hole Facia (231) and 2 Hole Facia (224) and attach using #8 Hardware (H154).
2. Position Window Side Trim pieces (527) on ends of Window Top/Bottoms (592) and attach using #8 Hardware (H194).
3. Position Arched Window Tops (528) and Window Bottoms (529) flush with Window Top/Bottoms (592) and attach to Window Top/Bottoms (592) using #8 Hardware (H194).
4. Position Window Vertical Trim (570) pieces flush with the ends of Arched Window Tops (528) and Window Bottoms (529) and attach to Arched Window Tops (528) and Window Bottoms (529) using #8 Hardware (H194).
5. Center Window Vertical (571) in window openings and attach to Arched Window Tops (528) and Window Bottoms (529) using #8 Hardware (H194).
6. Center Window Horizontal (530) in window openings and attach to Window Vertical Trim (570) using #8 Hardware (H194).



Step 14

Door Assembly

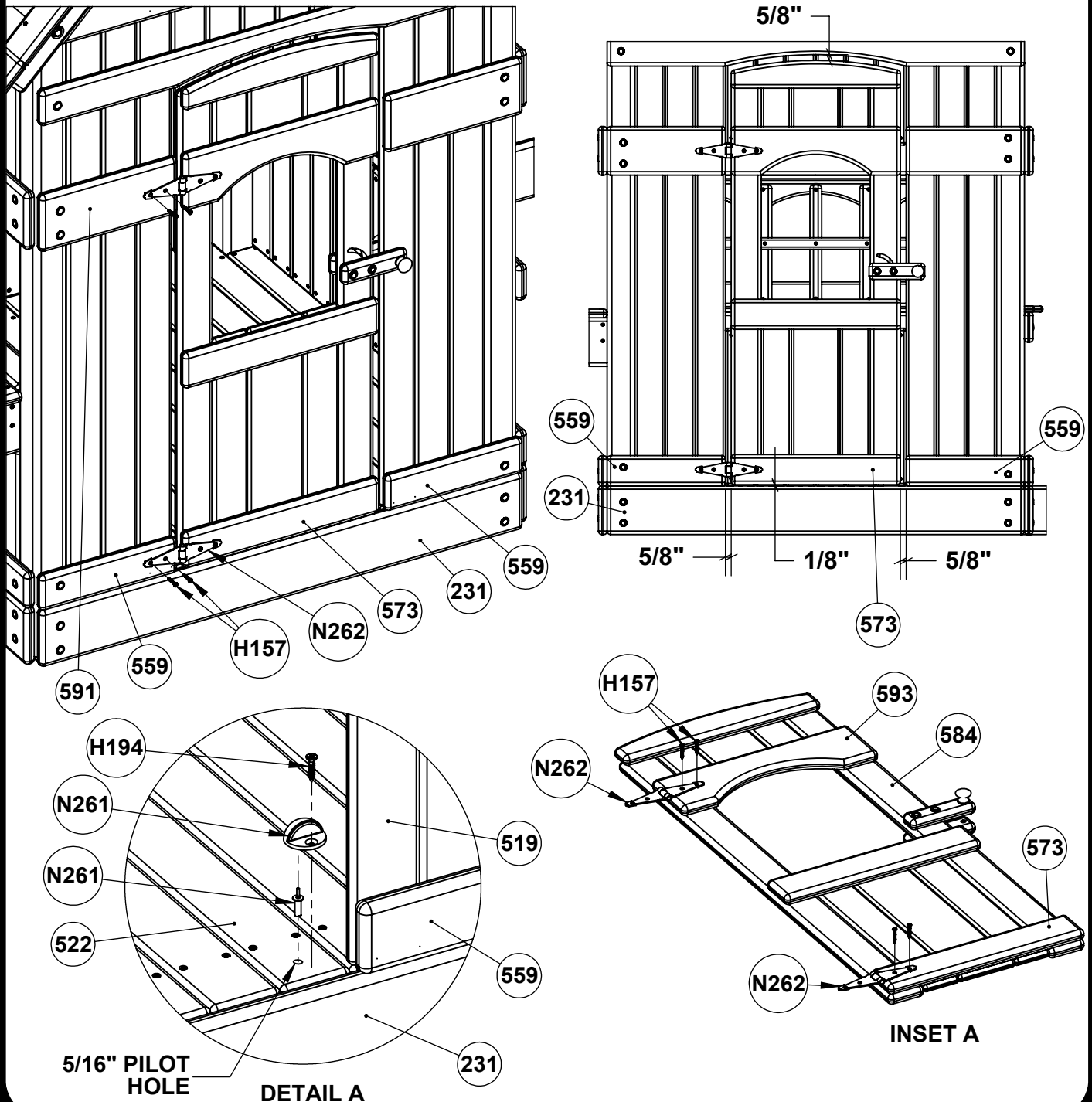
1. Attach Door Knobs (N263) to Door Handles (585) using #10 Hardware (H158) (as shown). Sink the head of #10 Hardware (H158) into the wood so the top of the screw head does not stick out of the Door Handles (585).
 2. Position Door Uprights (583) (584), bottom Door Facia (573), and Top Arched Door Trim (572) (as shown) on a flat surface and attach using #8 Hardware (H152). Top Arched Door Trim (572) should overlap Door Uprights (551) (525) (583) (584) by $1 \frac{3}{8}$ " (as shown).
 3. Position middle Door Facia (573), Arched Door Trim (593), and Door Uprights (531) (550) (525) (551) (in locations shown) and attach using #8 Hardware (H194).
- *NOTE: Do not over-tighten hardware in parts 4 and 5. Door Handles should swing freely.**
4. Position Door Handles (585) so rear counter-sunk holes align with pre-drilled hole and attach using $\frac{1}{4}$ " Hardware (H1) (H9) (H22) (H193).
 5. Finish attaching Door Handles (585) through the arc of Door Upright w/Handle Hole (584) using $\frac{1}{4}$ " Hardware (H1) (H9) (H22) (H193).



Step 15

Door Installation

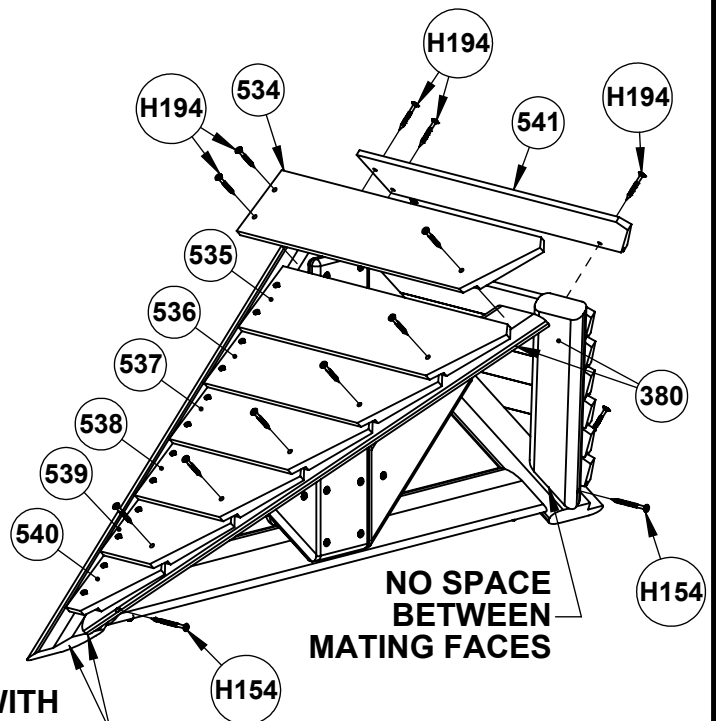
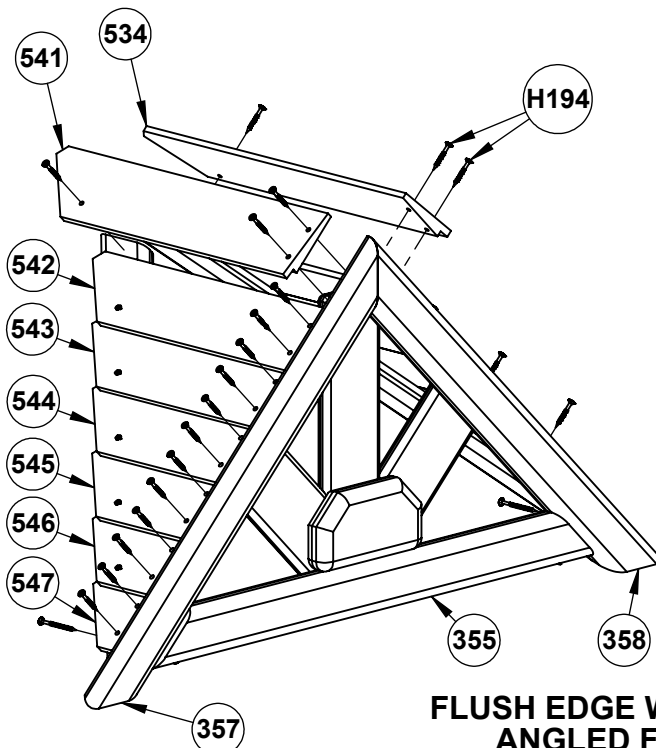
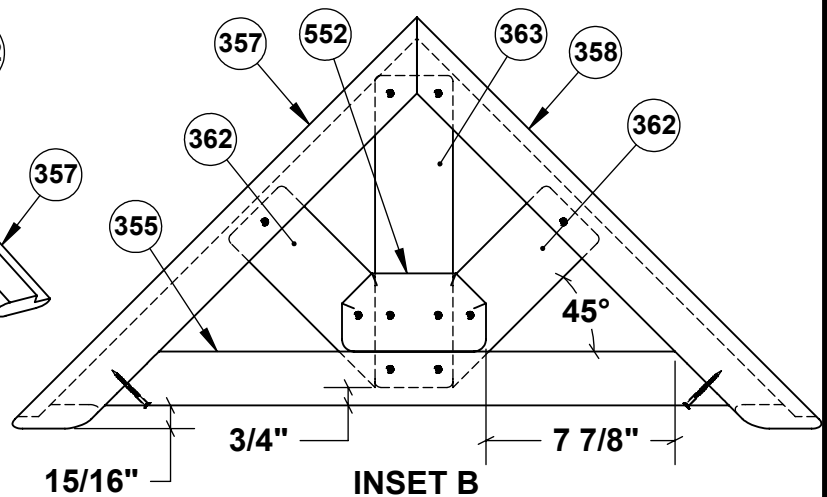
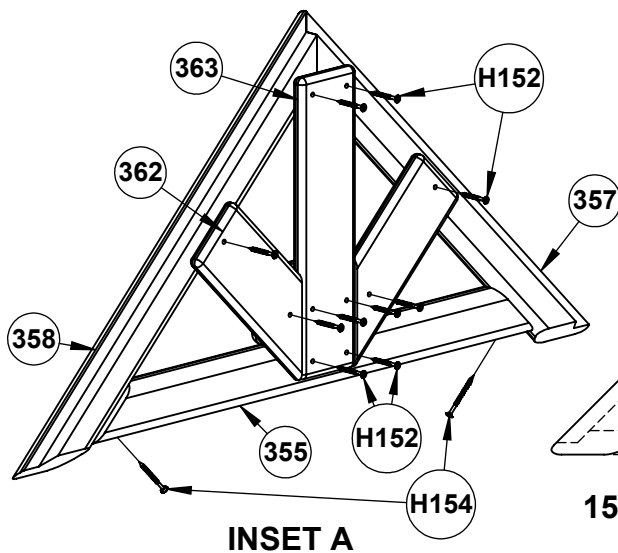
1. Center and attach Hinges (**N262**) to bottom Door Facia (**573**) and Arched Door Trim (**593**) using Hardware provide in Hinge bag (as shown in INSET A).
2. Using a helper, center and attach door assembly to Corner Facia (**559**) and 2 Hole Facia (**591**) using Hardware provided in Hinge bag. The gaps should measure $\frac{5}{8}$ " on top and sides, and $\frac{1}{8}$ " on the bottom when properly installed.
3. With door closed and handle down in locked position, position Door Stop (**N261**) against the inside of Door Upright w/Handle Holes (**584**) and mark placements for Standoff and screw (approximately $1 \frac{1}{8}$ " apart).
4. Pre-drill $\frac{5}{16}$ " Diameter hole and insert Standoff.
5. Position Door Stop (**N261**) on standoff and secure in place with screw provided in Door Stop Bag.



Step 16

Dormer Assembly

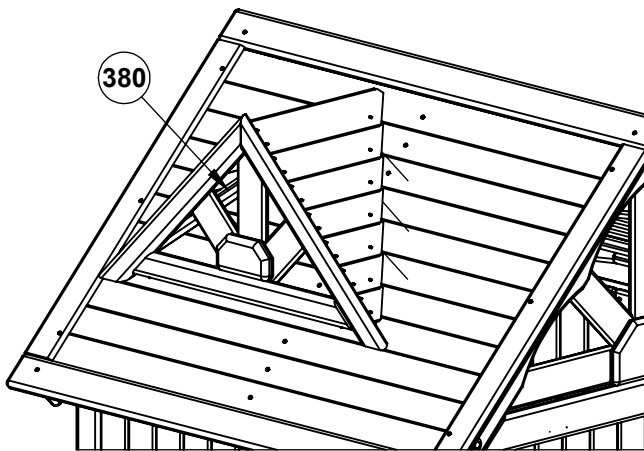
1. On a flat surface arrange Right Dormer Support (358), Left Dormer Support (357), and Fan Horizontal (355) (as shown in Inset A & B) and attach using #8 Hardware (H154).
2. Position Fan Vertical (363), Fan Rays (362), and Fan Center (552) (as shown in Inset A & B) and attach using #8 Hardware (H152).
3. Attach top two Roof Boards (534) (541) to Dormer Supports (357) (358) using #8 Hardware (H194). No gap should exist at the peak between the top two Roof Boards.
4. Continue attaching all Roof Boards to Dormer Supports (357) (358) using #8 Hardware (H194).
5. Position Dormer Runners (380) (as shown in lower right diagram) and attach to Roof Boards using #8 Hardware (H194) and to Dormer Supports (357) (358) using #8 Hardware (H154).



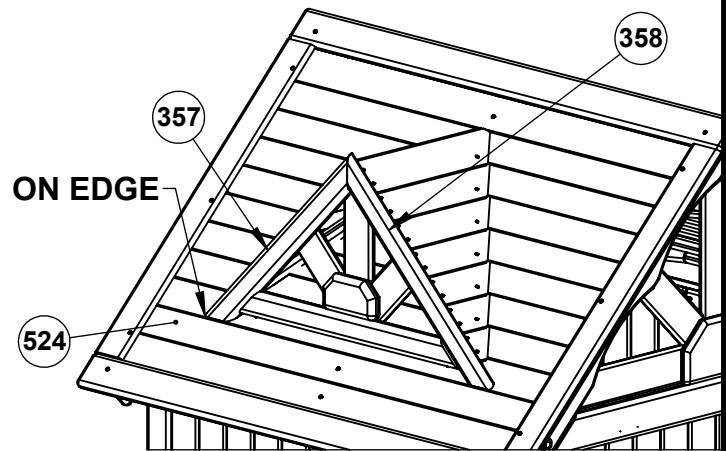
Step 17

Dormer Installation

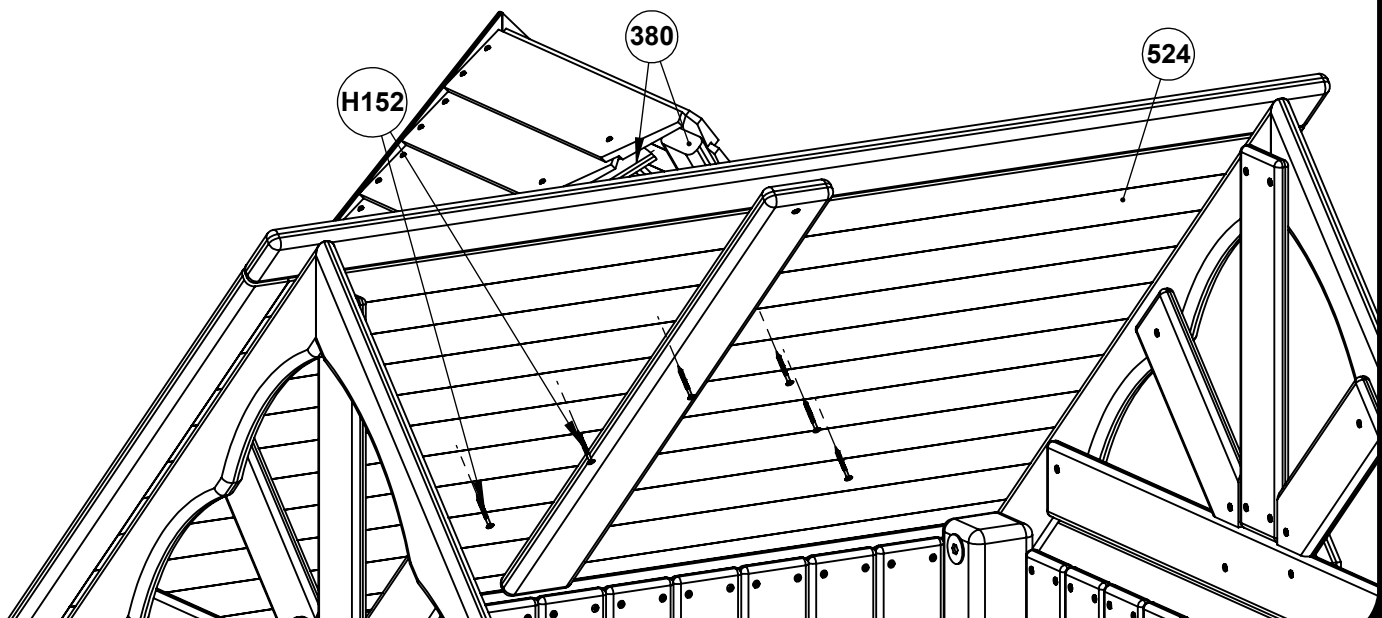
1. Position Dormer assembly on roof. Dormer assembly should be centered horizontally and Dormer Supports (357) (358) should be flush with bottom edge of the third Roof Board (524) (as shown in INSET B).
2. Attach Dormer assembly to the roof through Roof Boards (524), into Dormer Runners (380) using #8 Hardware (H152).



INSET A



INSET B

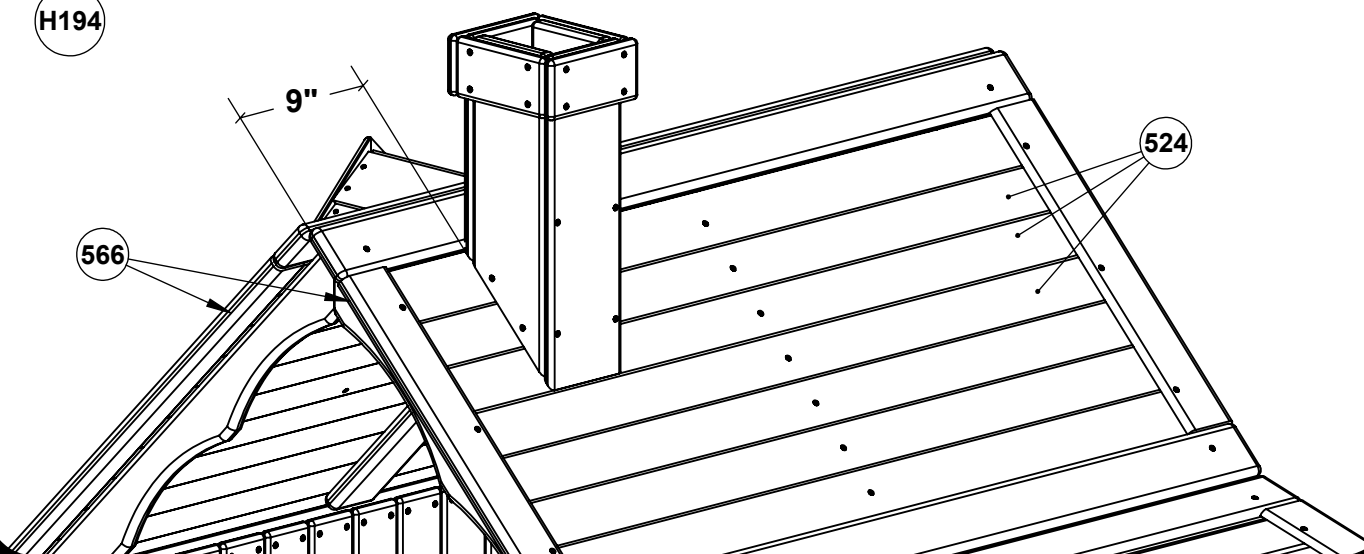
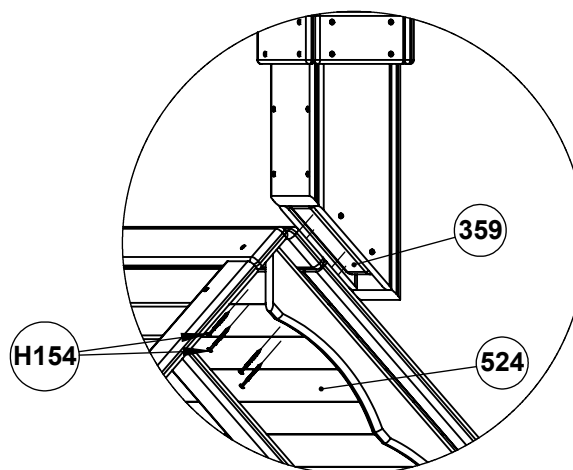
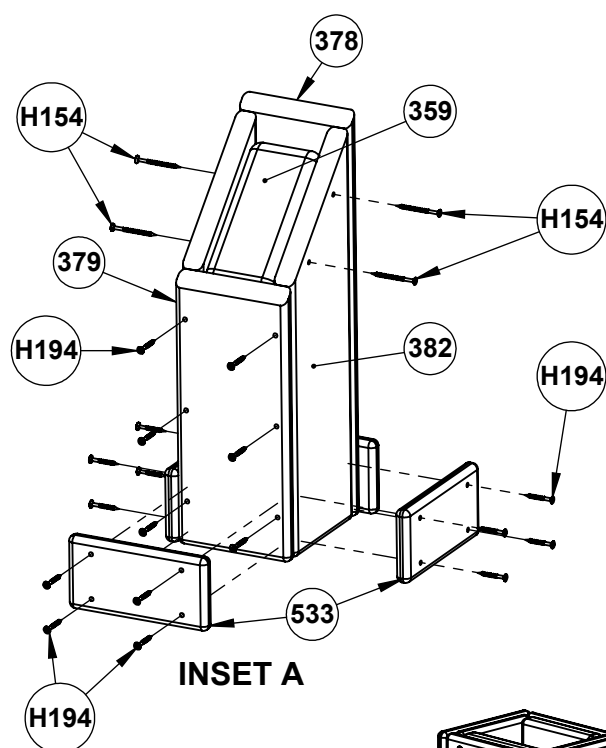


Step 18

Chimney Installation

***NOTE:** For proper installation, ensure angled faces on Chimney parts (378) (379) (382) are all flush with one another.

1. On a flat surface, stand Chimney Sides (382), Chimney Back (379), and Chimney Front (378) on end (as shown) and attach using #8 Hardware (H194).
2. Center Chimney Trim (533) pieces on Chimney Sides (382) and attach using #8 Hardware (H194).
3. Center Chimney Trim (533) pieces on Chimney Back (379) and Chimney Front (378) and attach using #8 Hardware (H194).
4. Place Chimney Block (359) flush with angled faces of Chimney Sides (382) and attach through Chimney Sides (382) using #8 Hardware (H154).
5. Position Chimney assembly on roof in desired location and attach through the underside of Roof Boards (524) into Chimney Block (359) using #8 Hardware (H154).



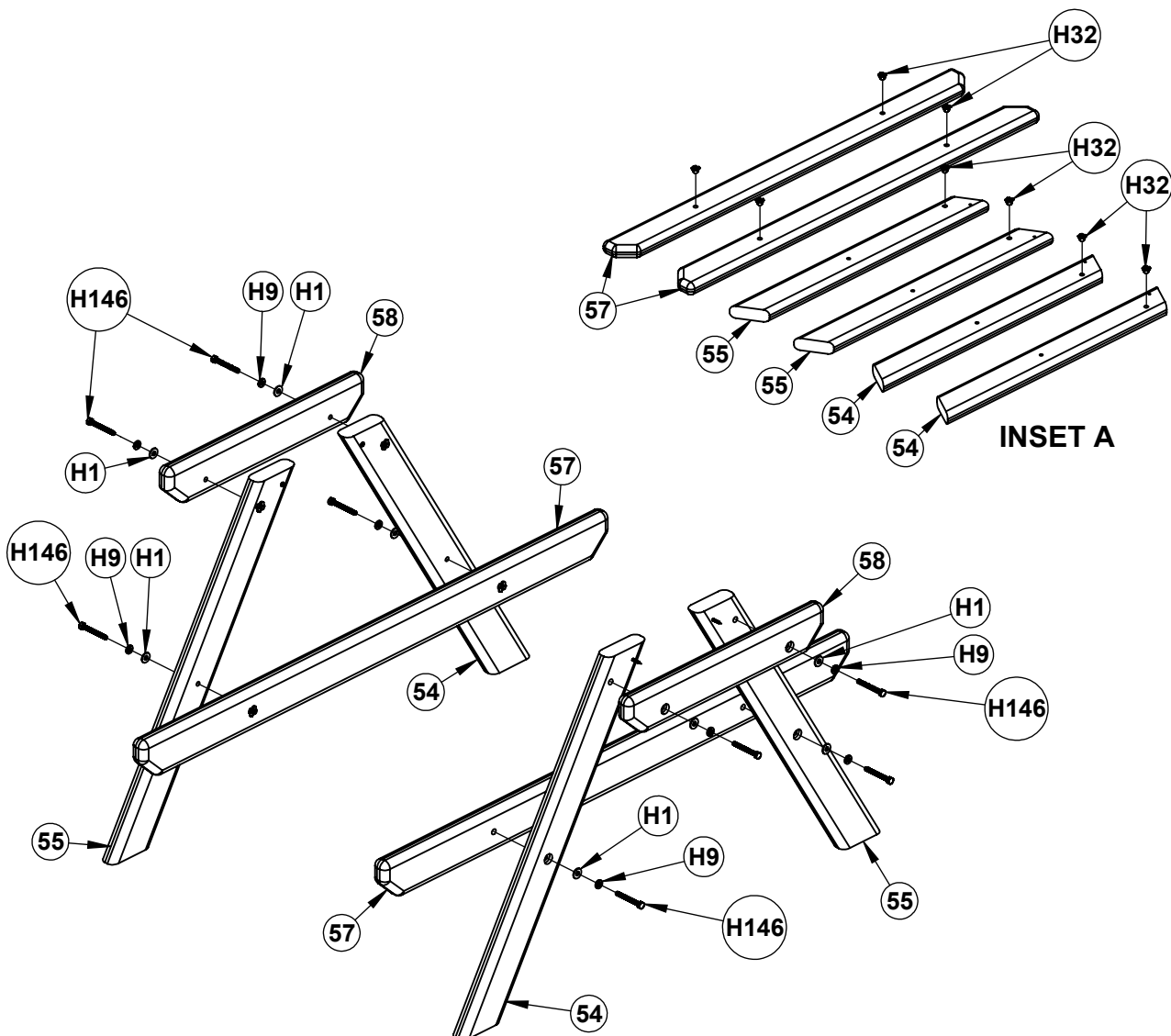
Step 19

Picnic Table Assembly

1. Place Left Table Legs (54), Right Table Legs (55) and Seat Supports (57) on a hard surface and pound in T-Nuts (H32) with a hammer (as shown in Inset A).

***NOTE: Counter-sunk holes on Table Legs (54) (55) must be facing down.**

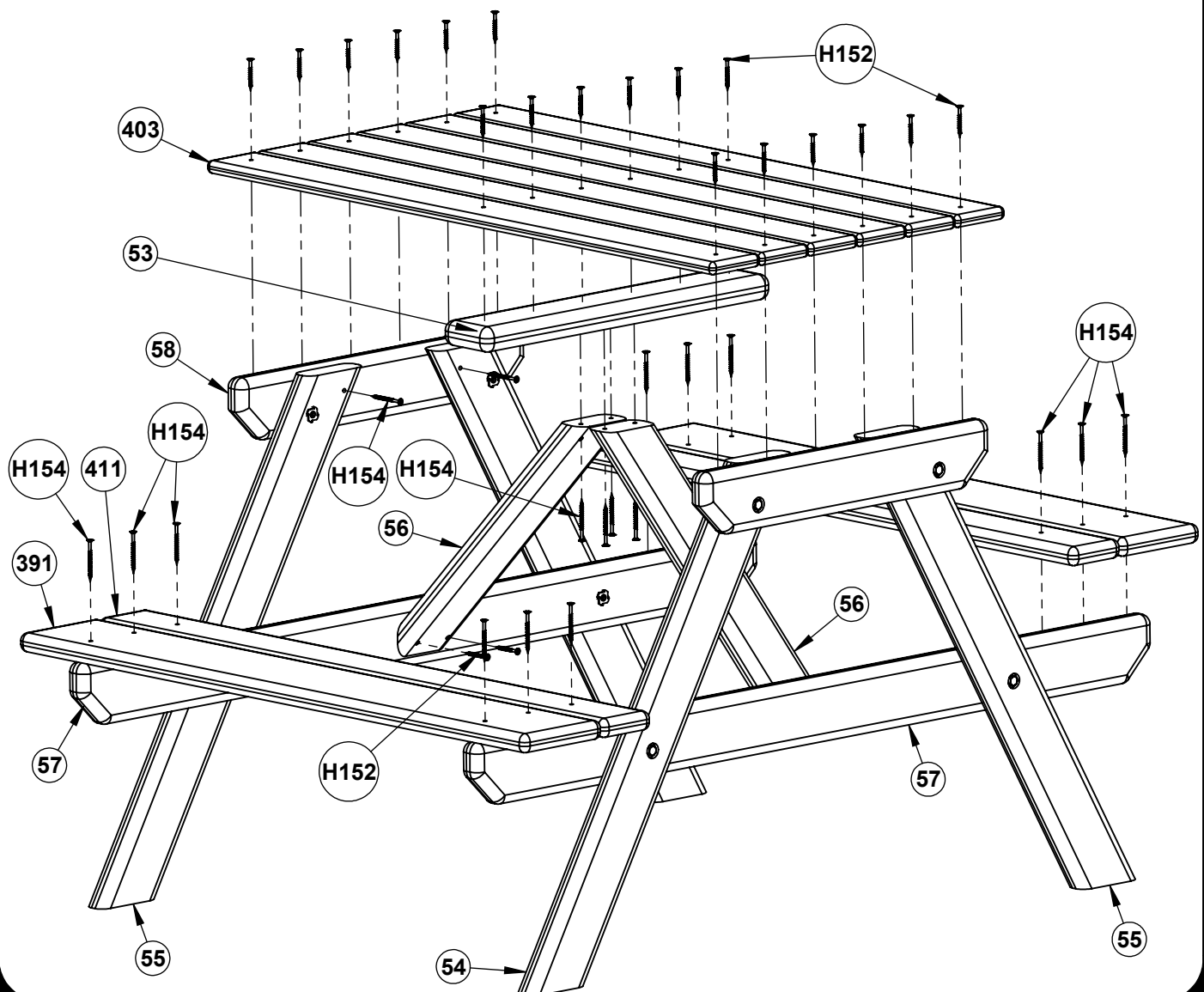
2. Line up holes on Left Table Legs (54), Right Table Legs (55), Seat Supports (57) and Table Support (58) (as shown) and attach using 1/4" Hardware (H1) (H9) (H146) (H32).



Step 20

Picnic Table Assembly

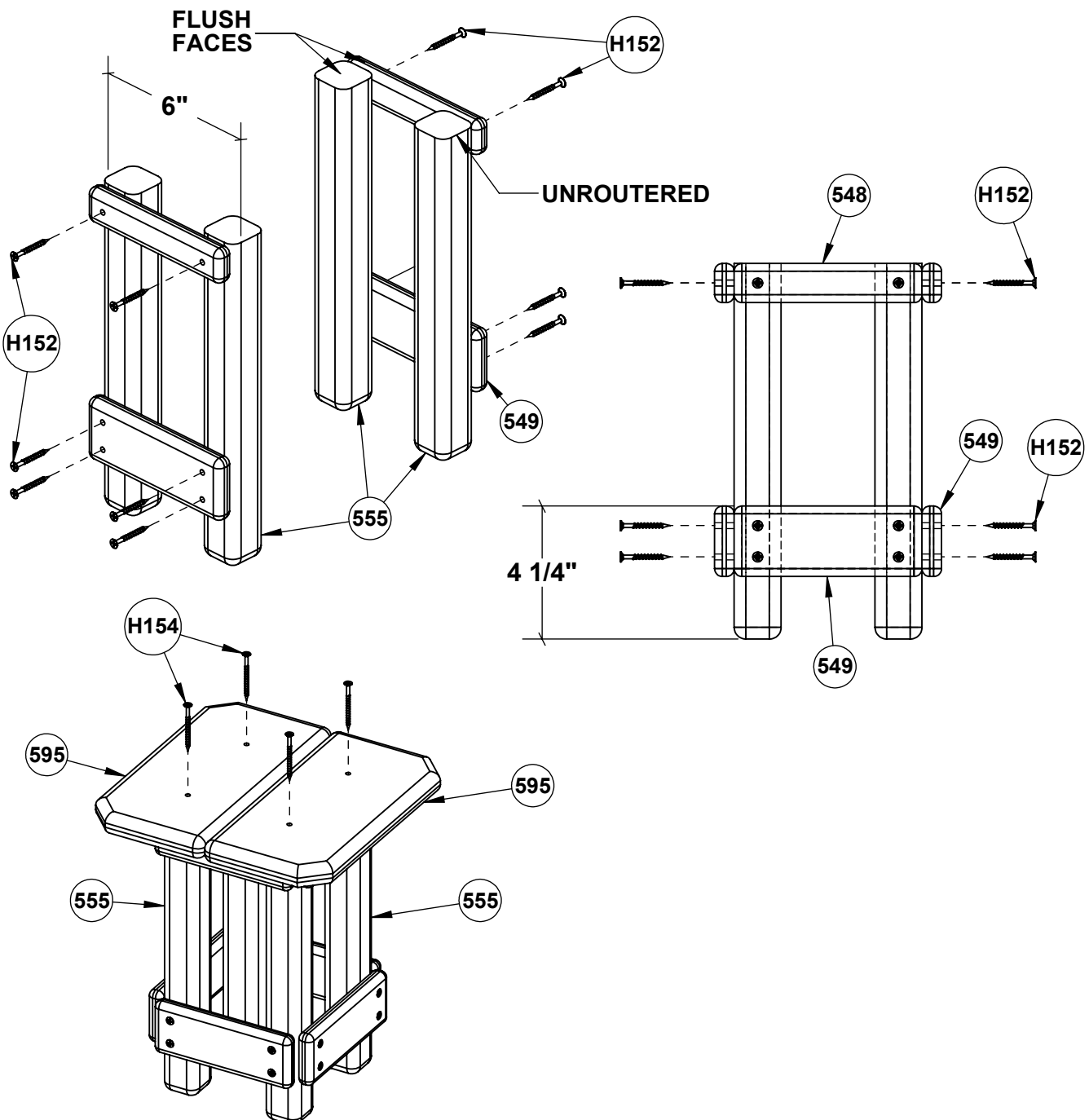
1. Stand Leg assemblies up and center Seat Boards (391) (411) on Seat Supports (57). Seat Boards (391) (411) should overhang $3 \frac{3}{8}$ " on the ends and the edges of Seat Boards (391) and Seat Supports (57) must be flush (as shown). Attach Seat Boards (391) (411) to Seat Supports (57) using #8 Hardware (H154).
 2. Center Table Boards (403) on Table Supports (58) and attach using #8 Hardware (H152). There should be no gaps between Table Boards (403) when attached properly.
- *NOTE: Assembling Picnic Table on a hard level surface will help ensuring that the Table is square.**
3. Insert Screws (H154) into holes on Left Table Legs (54) and Right Table Legs (55) and attach to Table Supports (58) using #8 Hardware (H154).
 4. Center and attach Table Runner (53) on the bottom side of Table Boards (403) using #8 Hardware (H152).
 5. Position Table Braces (56) so they are centered on Seat Supports (57) and Table Runner (53) and attach using #8 Hardware (H154) (H152).



Step 21

Picnic Table Assembly

1. Position Stool Legs (**555**) with unrouted ends up (as shown) and approximately **6"** from outside face to outside face.
2. Position and attach Upper Leg Braces (**548**) and Lower Leg Braces (**549**) (as shown) using #8 Hardware (**H152**).
3. Position Stool Seats (**595**) on top of Stool Legs (**555**) and attach using #8 Hardware (**H154**).



Limited Ten-Year, Five-Year, and One-Year Warranties

This warranty covers Fiesta and Carnival Box Kits

Please supervise your children's play activity and maintain your play equipment periodically as specified in the owner's manual.

An important note about wood and our warranty: The wooden components in your Rainbow Play System will have imperfections. We remind you that seasonal checks and surface cracks, knot holes and knots are natural characteristics of wooden play equipment. Imperfections that do not affect structural integrity are not covered under this warranty. Subject to proper installation and normal residential use, Rainbow Play Systems, Inc. warrants to the original retail purchaser that, for a period of **FIVE YEARS** from the date of purchase, and subject to the limitations stated below, all chain, seats, screws, powder-coated brackets, rungs and handles, plastic handles, ship's wheel, periscope, binoculars, trapeze bar and accessories will be free from defects in material and workmanship. In addition, Rainbow warrants for a period of **ONE YEAR** from the date of purchase that all ropes, flags, and tarps will be free from defects in material and workmanship. Merchandise covered under this limited five-year or one-year warranty will be repaired or replaced, at Rainbow's option, and shipped at the customer's expense to the Rainbow showroom handling the warranty work per Rainbow's normal method and timing of shipments to that showroom. Expedited shipping to the showroom location or to customer's designated location is also available but must be fully prepaid by the customer prior to shipment. All labor costs, travel expenses and any other charges involved in the installation or replacement of the parts incurred by the Rainbow showroom (or by the showroom's authorized agents or installers) handling the warranty work will be the original purchaser's responsibility. The warranty coverage described in this paragraph is the original purchaser's sole and exclusive remedy. The warranty coverage described in this paragraph also lasts only as long as the original purchaser owns the play system and terminates if the original purchaser sells or otherwise transfers the unit.

In addition, for the period of **TEN YEARS** from the date of purchase, and subject to proper installation and normal residential use, Rainbow Play Systems, Inc. warrants to the original retail purchaser all **WOODEN COMPONENTS** against structural failure due to wood rot or insect infestation (excluding carpenter bees). Peeling, splintering, minor cracking caused by weather, surface cracks, knot holes and knots are natural characteristics of all wooden play equipment. Such imperfections that do not affect structural integrity are not covered under this warranty. Merchandise covered under this limited 10-year warranty will be repaired or replaced, at Rainbow's option, and shipped at the customer's expense to the Rainbow showroom handling the warranty work per Rainbow's normal method and timing of shipments to that showroom. Expedited shipping to the showroom location or to customer's designated location is also available but must be fully prepaid by the customer prior to shipment. All labor costs, travel expenses and any other charges involved in the installation or replacement of the parts incurred by the Rainbow showroom (or by the showroom's authorized agents or installers) handling your warranty work will be the original purchaser's responsibility. The warranty coverage described in this paragraph is the original purchaser's sole and exclusive remedy. The warranty coverage described in this paragraph also lasts only as long as the original purchaser owns the play system and terminates if the original purchaser sells or otherwise transfers the unit.

Rainbow Play Systems, Inc. reserves the right to examine photographs or physical evidence of merchandise claimed to be defective, and to recover said merchandise, prior to disposition of warranty claims. Merchandise returned to our factory for examination or recovery must be shipped freight prepaid, unless a Return Authorization Number is issued. For purposes of any warranty offered by Rainbow, the following are not considered defects in materials and workmanship if they do not affect the functionality of the component or system: (1) cracks in plastic components; (2) surface rust on hardware or powder-coated components; and (3) fading of any component or accessory, including, without limitation, ship's wheel, telescope or binoculars.

Failure to maintain the play system properly - including, without limitation and by way of example only, not staining the unit or not checking or tightening the hardware as specified in the owner's manual - may cause the warranties described herein not to apply in certain circumstances. No warranty is offered on the following: (1) equipment subjected to abuse, negligence, improper installation, vandalism, acts of God, unauthorized alteration or attachment of equipment other than authorized Rainbow® accessories; or (2) equipment subjected to improper use, service or repair by customer or any third party.

To the maximum extent permitted by law, this warranty and the remedies set forth herein are exclusive and expressly in lieu of all other warranties, expressed or implied, including warranties of merchantability or fitness for a particular purpose. If Rainbow Play Systems, Inc. cannot disclaim or exclude implied warranties under applicable law, then to the extent possible any claims under any such implied warranties shall expire on expiration of the applicable warranty period. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Rainbow Play Systems, Inc. does not assume, or authorize any person to assume for us, any other liability in connection with the sale of our products.

To the maximum extent permitted by law, Rainbow Play Systems, Inc. assumes no responsibility for incidental or consequential damages which may arise from the purchase or use of our equipment. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

If any provision of this limited warranty is invalid, void or unenforceable in any instance or respect, the unenforceable provision will be severed and reformed to effect the intent of this limited warranty to the maximum extent possible, and the remaining provisions shall continue in full force and effect and shall be enforced to the full extent permitted by law.

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

For warranty service, contact:

Rainbow Play Systems
500 Rainbow Parkway
Brookings, SD 57006
1-800-RAINBOW
or
www.rainbowplay.com