

# LANGSTROTH

YOU WILL HAVE 3-4 HARDWARE PACKETS DEPENDING ON YOUR HIVE BOX SIZE. FRAMES ARE NOT INCLUDED.

**ASSEMBLY QUESTIONS?**  
CUSTOMER SERVICE IS AVAILABLE DAILY!  
[HELLO@BEEBUILT.COM](mailto:HELLO@BEEBUILT.COM)

**ESTIMATED HIVE ASSEMBLE TIME:**  
**45 MIN**

**TOOLS NEEDED:**

- DRILL WITH A PHILLIPS BIT
- HAMMER

**OPTIONAL:**

- WOOD GLUE
- SILICONE OR CAULK

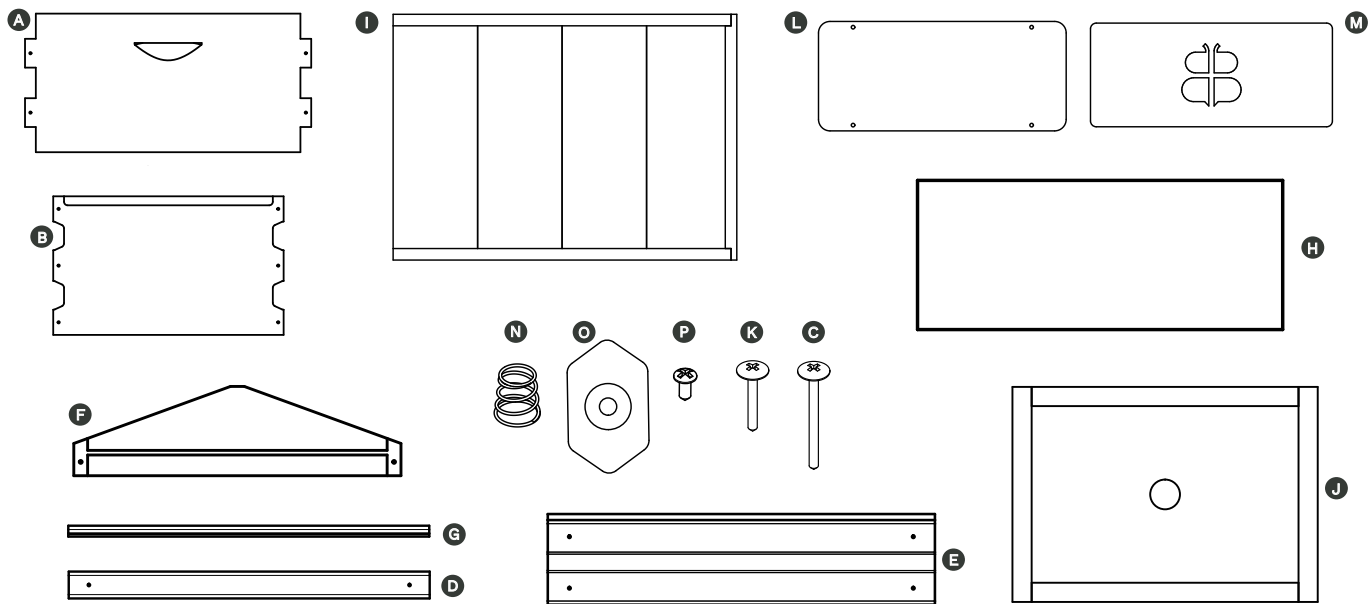
**PARTS INCLUDED:**

**HIVES WITH WINDOWS ONLY**

- A** 2 BOX SIDES
- B** 2 BOX END PANELS
- C** 60-80 LONG (1<sup>5</sup>/<sub>8</sub>" ) SCREWS
- D** 1 RIDGE CAP
- E** 4 SHINGLES
- F** 2 PEAKED ROOF ENDS

- G** 2 ROOF SIDE RAILS
- H** 3 ROOF PANEL INSERTS
- I** ASSEMBLED BOTTOM BOARD
- J** ASSEMBLED INNER COVER

- K** 24 MEDIUM (1") SCREWS
- L** 2 PLEXI GLASS WINDOWS
- M** 2 WINDOW COVERS
- N** 2 SPRINGS
- O** 2 LATCHES
- P** 8 SMALL (3/8") SCREWS



AT LEAST 5% OF OUR PROFITS ARE CONTRIBUTED TO ORGANIZATIONS DOING GOOD FOR HONEY BEES AND OTHER POLLINATORS.

**A NOTE ON TUNG OIL**

Tung oil is a natural sealant, allowing the wood to retain its natural beauty and providing an extra barrier against the elements. We encourage a chemical-free tung oil treatment to the entirety of the outside of your assembled hive. Applying the oil after assembly ensures you won't accidentally apply any to the inside of the hive. Tung oil takes time to dry and can be messy so consider application once the hive has been placed in its final location.

For best results we recommend sealing your hive prior to any extended outside exposure. Do not apply until you are finished assembling your hive! Tung oil can only be applied to the outside of your hive, never ever the inside or inside joints—the smell could make your bees flee!

ANY RAGS USED FOR TUNG OIL APPLICATION SHOULD BE PROPERLY DISPOSED OF IMMEDIATELY

OUR HIVES ARE PRECISION MILLED & HANDMADE IN PORTLAND, OREGON FROM DOUGLAS FIR, SUGAR PINE, AND WESTERN RED CEDAR.

# HIVE BOXES

FIRST BUILD THE BODY OF THE HIVE, WHERE YOUR BEES WILL LIVE. GATHER THE FOLLOWING PARTS & HARDWARE:

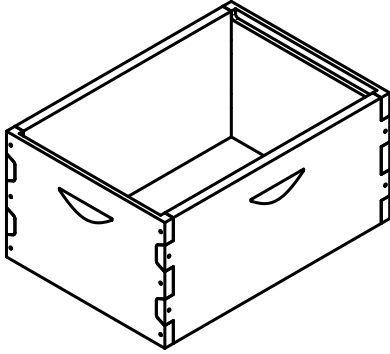
**A** BOX SIDES

**B** BOX END PANELS

**C** 1 HARDWARE PACKET

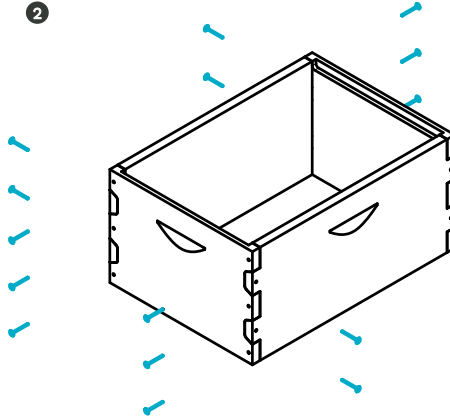
(20 1<sup>5</sup>/<sub>8</sub>" SCREWS) PER BOX

1



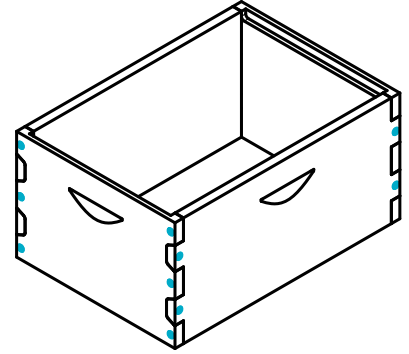
Fit the 4 sides together tightly to make a box. Be sure the handles are on the upper outside of the box.

2



Screw the panels together (5 screws per corner) via the pre-drilled holes. Check to make sure the corners are at 90° angles as you assemble.

3



Repeat these steps for each hive box.

# HIVE WINDOW

(SKIP IF YOUR HIVE IS WINDOW-LESS)

**L** 2 PLEXI GLASS WINDOWS

**M** 2 WINDOW COVERS

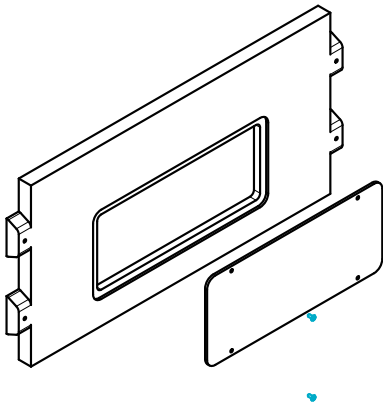
**O** 2 LATCHES

**K** 6 1" SCREWS

**P** 8 3/8" SCREWS

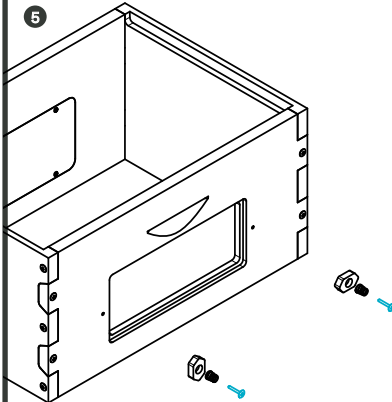
**N** 2 SPRINGS

4



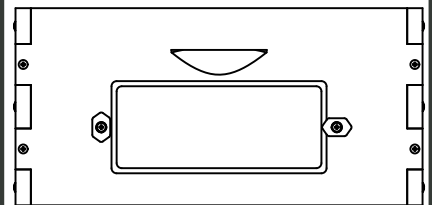
Attach the plexi glass windows to the inside of each window box side.

5



Insert 1" screws into narrow ends of springs and then use to attach latches to window box side.

6



Ensure latches can swing freely.

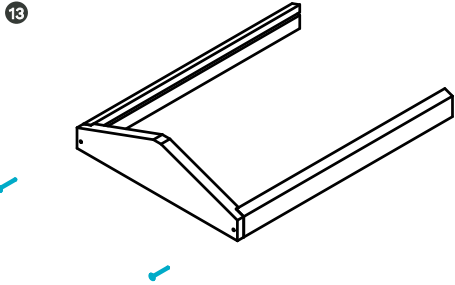
YOUR BEST HIVE MANAGEMENT TOOL IS ALMOST ALWAYS YOUR EYES AND EARS. BY WATCHING THE ENTRANCE OF THE HIVE, YOU WILL LEARN A TON!

DID YOU KNOW HONEY IS ONE OF THE FEW FOODS THAT NEVER SPOIL?

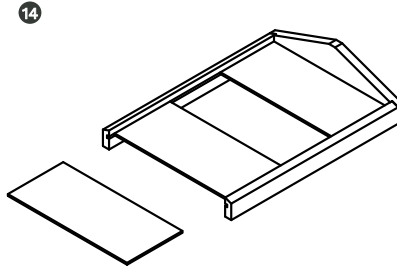
# PEAKED ROOF

YOUR HIVE'S MAIN CAVITY IS DONE! GATHER THE FOLLOWING PARTS & HARDWARE:

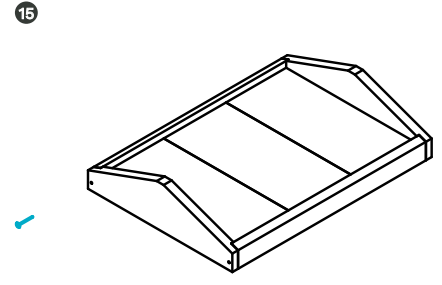
- D** 1 RIDGE CAP
- E** 4 SHINGLES
- F** 2 PEAKED ROOF ENDS
- G** 2 ROOF SIDE RAILS
- H** 3 ROOF PANEL INSERTS
- C** 18 LONG (1<sup>5</sup>/<sub>8</sub>" ) SCREWS



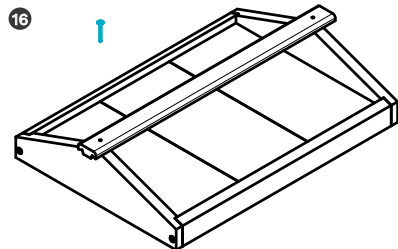
Attach the two roof side rails to one peaked roof end. Make sure the grooves on all three pieces are aligned. Use a screwdriver or a hand drill to screw the pieces into place.



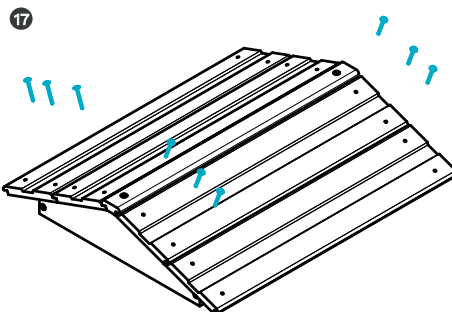
Slide the roof insert panels into the groove. Turn the pieces vertically to slide the insert down into grooves if having difficulty.



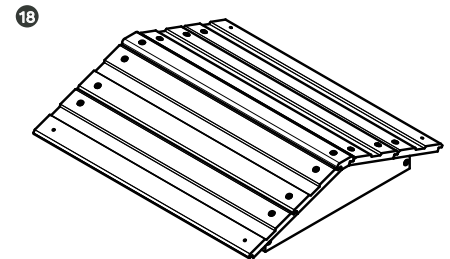
Attach the second peaked roof end to the other ends of the roof side rails. The roof insert should fit neatly into the peaked roof end's groove as well. Use your screwdriver to screw pieces into place. Use clamps on either peaked end to hold the pieces together easily.



To ensure that all pieces fit together, attach the ridge cap after shingles are attached to the roof. After attaching the top shingles first, you will have a peak and rest under the ridge cap. Line up one shingle with the flat edge on top with the peaked roof end. The ridge cap will not fit if the shingles are not oriented correctly.

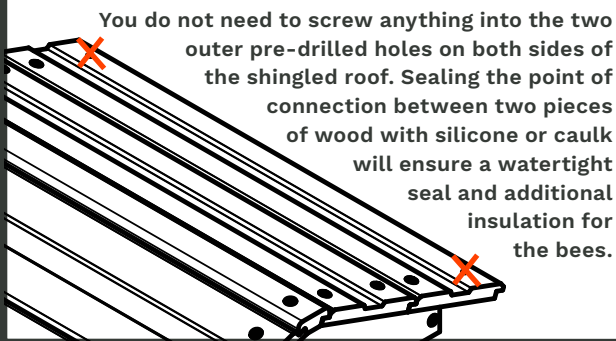


Once this is lined up, attach one shingle at a time with the pre-drilled holes. Fit the ridge cap on the flat surfaces of the peaked roof ends. The ridge cap fits neatly in between the top shingles. If there are gaps, realign the shingles to minimize.



To attach the bottom lower shingles, slide the foot edge under the roof side of the attached shingles. Use the pre-drilled holes to attach the last two shingles.

The bottom shingles will have two extra holes, therefore, only two screws are needed.



You do not need to screw anything into the two outer pre-drilled holes on both sides of the shingled roof. Sealing the point of connection between two pieces of wood with silicone or caulk will ensure a watertight seal and additional insulation for the bees.

## COMBINE

Now that you have assembled the boxes, push your foundation-less frames together in the middle and stack in this order: bottom board, boxes, inner cover, and finally the roof.