# MADE IN TOOSTSTOOT

## **Assembly Instructions**

Round-Top Walk-In Coop<sup>™</sup> XL Round-Top Walk-In Coop<sup>™</sup>

# Model 2

These written instructions, as provided with your purchase, will always be the latest iteration of the instructions and match the coop shipped and provide the most complete up-to-date information.

We depend on feedback about our instructions to implement changes to future versions. Please know that we value your input to that ongoing process and endeavor to produce instructions that are as effective as possible for a wide variety of customers.



Use your phone's camera to read QR Code. Video overview of assembly.





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### Front

Left







#### Understanding these concepts / conventions will help guide you through the instructions.

- 1 Mating edges of parts to be flush and tight (when called for) will keep measurements in tolerance as the coop grows in size.
- 2 CRITICAL: Having a flat area is required for the coop to assemble properly and operate properly.
- 3 We estimate about 12 man hours (a long day for 2 people) of ordinary skills to assemble. Two people are required for many steps.
- 4 You will need a drill (preferably cordless) a tape measure and a hammer. Everything else is provided.
- 5 Drive screws only deep enough to hold parts tight and not bury the heads too deeply as water can sit in the divots and it may cause softening of the wood and prematurely loosen screws. It will also greatly decrease your ability to easily disassemble a part if needed.
- 6 You may end up directly driving in a screw. The provided screws are very aggressive and can drive with no pre-drilled hole or you can preferably use the provided pilot countersink bit. Keep screw entry points in the meat of the wood and not too close to edges. Screws in knots or close to edges should for sure be pre-drilled.
- 7 Rough Cedar may have knots, cracks or frays that are normal. We cull and cut around imperfections we deem structurally problematic during fabrication. If you get a part that you feel is not beautiful, please let us know so we can address your concern. Cedar shrinks and expands as it dries out and gets wet again. We assemble parts with wood at an average moisture content and leave gaps sufficient for wood to swell when fully wetted.
- 8 We hand fabricated your coop with human carpenters. We work really hard to not make mistakes. On the rare occasion that we either misfabricated a part, a part was damaged in shipping, or we forgot to package a needed part, contact us and we will ship out a replacement part for you at no cost.
- 9 We recommend dirt floors in the runs of coops. A trimmed rubber mat can be placed in the bottom of egg boxes and you may wish to put pine shavings or shredded junk mail in them. They are left wire so they can be cleaned in the event of a broken egg.

### Sealing & Care:

We recommend you leaving your coop natural. You can stain your coop but should only use a "breathable" low VOC water based stain, or better yet, a siloxane-based product. You can have color added to some products too...like painting, but it's a wood stain that lets the wood breathe. Sealing can keep the wood from going grey. That's the main benefit. Clean wood with mild detergent and water or with a commercially available coop cleaner as needed. Glues used in all joints are completely waterproof and all metal parts are galvanized or have exterior rated coatings.

#### **Placement:**

Easy access to water/feed and clear access to doors is needed. Sunlight is not all bad, and the Galvalume roof does a good job at not transferring heat and provides shade. Sunlight does a good job at disinfecting the ground under the coop. Fifty percent (50%) or more of direct sun is preferred. Good air movement around your coop is more important than anything else. Remember... High ground is dry ground. **For coop doors to open easily over time, the coop must be level.** 

### **Digging Predators:**

The welded wire and cedar frames are stronger than almost any predator less than a bear :) so diggers are the prime nuisance. By far dogs are the most common digger. If you're worried about diggers, stack heavy block shaped rocks around perimeter of coop to make getting under more difficult. Better yet, bury them around the perimeter just below grade. You can also attach a strip of wire that extends out from the bottom rails, and bury below the surface of the soil. We recommend dirt in bottom of coops that has good drainage. Pine shavings, straw or shredded junk mail can be used in laying areas... but is not recommended in the main run areas.

### More About Cedar:

Your coop is built from rough cut domestic cedar. Wood deemed defective is culled during milling, cutting and in fabrication. Knots, blemishes, fraying, coloring variations, minor surface cracking, slight warping and periodic worm marks are normal parts of natural cedar wood products. We try to make it to where a reversible part always has a"pretty side" and take care to make the "pretty side" show on all parts. If you're unhappy with a piece of wood we fabricated into your coop, send us a picture. We want you to love every piece of your new coop.

An XL will be placed in this box for a page that pertains to an XL model.



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**Assembly Instructions** 

Pre-construction Information



# **Please Be Careful**

2 Coop is designed to be assembled by two people of ordinary skill.



Some of the steps will need to be performed from a six foot or taller step ladder. If you are not comfortable and experienced standing on and working from a ladder you may want to get some help for those steps. Please be careful.



Any roof metal and flashing can have sharp edges. We attempt to knock off sharp corners and edges from roof metal. You must be the final determiner of sharp edges. A standard metal file from your hardware store, or metal snips, can be used to make edges to your standards. You may choose to wear a pair of work gloves while handling roof metal.



Spending the time up front to identify all the parts and lay them all out will pay off in the long run and make assembly go more smoothly. The instructions are intended to be read in page order as, the information builds in that way, then referenced during assembly. Pre-reading the instructions will help immensely.



Be careful not to get caught in coop. Children should not play in coop as the doors are not designed to allow easy exit.



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Assembly

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**1. Color of screws may vary due to post COVID era supply quirks.** 

2. We provide extra screws. You will have leftovers.

### **Tools & Loose Parts**

**QTY** Description

- 10 Gold T-25 4<sup>1</sup>/<sub>2</sub>" Screws
- 250 Brown T-25 3" Screws
- 75 Green T-20 1 5/8" Screws
- 1 Bolt Style Gate Latch
- 2 Eye Bolt & Hooks
- 100 Neoprene Washer Roof Screws
- 1 Bit Holder
- 1 T-25 Bit
- 1 T-20 Bit
- 1 #2 Phillips Bit
- 2 12" Stake Nails
- 1 2' Level
- 1 Countersink Bit
- 1 1/8" Jobber Drill Bit
- 1 10 Feet of String
- 12 5/8 Phillips Screws for Ramps
- 12 1 1/4 Flat Head Phillips Screws For Door
- 2 Snap Clips
- 2 Stock Storm Panels for Roost Doors
- 1 Gravity Gate Latch
- 6 1<sup>1</sup>/<sub>4</sub> T-20 Yellow Screws

# Optionally, your kit may have the following items and loose parts...

- 2 4" Pipe Waterer Sections
- 1 Slotted Waterer Cap
- 4 Poultry Nipples
- 1 Small can PVC Glue
- 4 Feeder Tubes & Caps

Extra Hardware Related to Sun-Room Option

**3. If you ordered the XL model** you will have extra parts.



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Parts ID - Tool Kit Contents



# **Step #1 is a little time to identify parts...**

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Parts ID - Roost Inner Wall

### **Back of Coop**



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Parts ID - Roost Front & Back



Door opening fits a "Standard" sized automatic turnout door from www.chickendoors.com







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Parts ID - Roost Outer Wall

Looking From Outside Coop

09



Parts ID - Roost Parts



# G13 With Trimmed Edge is for the lower Roost section

11

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Assembly Instructions Round-Top Walk-In Coop Model 2 V2.0 Spring 2025

) - Roost Roof Parts

Parts ID











## Looking From Outside Coop

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## Wire Side Faces Inward

#### I. Run Panels

I1 Support Panel
I2 Front Panel
I3 Back Panel
I4 Right Panel (Qty 2)
I5 Top Door Panels (Qty 2)
I6 Top Mid Panels (Qty 2)
I7 Hasp & Clip (Qty 4)
I8 Door Latch & Clip (Qty 2)



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Parts ID - XL Model Run Extension

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XL

# This is what you're about to build. Section 1 - Run Area

with, after that section is complete.



















### Identify the 6 run roof panels and their features...



The 6 run roof panels are labeled with colored stickers as indicated. X indicates hole pattern. These 6 panels are the slightly shorter ones...



- Run Eaves

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Step

Roof ID

Page

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Arrows point to back of coop...



Using provided bit holder and neoprene washered roof screws you will install the 2 piece center portion of the roof as illustrated.



Screws for center roof panels sink into mid-roof supports

Overlap center front roof section on top of center back roof section (front on top of back) using V ribs to align pieces and sliding them into place until a little over an inch of roof overhangs the E2 center roof support ends. Make sure they're laying straight and flat. Arrows on green MB and MF stickers point towards back of coop.

Being careful not to shift pieces, install a roof screw in positions as indicated by blue arrows to hold two panels in place. Try not to shift anything by leaning against it. Leave screws very loose.

# Please Be Careful

Again, being careful not to shift pieces, use your drill and provided small drill bit to drill through the MB bottom back piece of metal using pre-drilled holes in top piece of MF metal for guides. <u>Try your</u> <u>best to not drill into the E2 supports. Only the</u> <u>bottom layer of metal. If you're strong, the screws</u> <u>can pierce the bottom without pre-drilling.</u> Install roof screws in these 4 holes through both layers into E2's leaving very loose.



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**Assembly Instructions** 

Roof

**Center Run** 

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Step

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3

Leave all screws loose at this point... Once all panels are slipped in, you'll tighten everything.



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3

Be careful not to lean on or shift structure too much. As screws get tightened and the full structure gets assembled things will stiffen up and become solid.

Tighten screws along the left side center panels to where the neoprene rubber washer is compressed and pin the panels that you slid under down into place.



Repeat this entire procedure for the right side run panels first installing RB back panel then the RF front panel using the same procedure as you just did for the left panels.

# Please Be Careful

Slide LB left back roof panel up and under both layers of center roof sections until V grooves of center roof section line up on top of V grooves in LB panel. After making sure entire length of roof section is aligned nicely, install two lower bottom edge roof screws into eave edge. Tighten only enough to compress neoprene rubber washer... try not to over tighten.

2

Slide LF left back roof panel up and under front layer of center roof section until V grooves of center roof section line up on top of V grooves in LF panel. After making sure entire length of roof section is aligned nicely, install two lower bottom edge roof screws into front eave edge. Tighten only enough to compress neoprene rubber washer... try not to over tighten. Drill remaining two holes using same considerations as in previous step and install and tighten screws.



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Step 1J - Run Roof Sides

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Instructions going forward will omit some complexity as HOPEFULLY we did a good job laying some common foundations and you are catching on to the techniques and our lingo. You can always call our support hotline at 877-741-2667 or text your questions and photos to 512-596-5200.





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Assembly

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### See Sun-Room addendum for completion of Sunroom after main coop is completed.

Standard model is illustrated for remainder of instructions until the end when XL sunroom is added.

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Portions omitted for clarity. Looking into back side roost wall.



Push the TB top back panel up against the side of the coop (C2 panels) and align the pre-drilled holes along the right edge up with the center of the roost back wall, G2 Panel. Loosely screw in upper right corner.

Push the TF top front panel up against the side of the coop (C2 panels) align the pre-drilled holes along the right edge up with the center of the roost front wall, G1 panel and overlap V-Grooves on the TB panel. Loosely screw in upper left corner.

Using your drill and the small provided bit, drill through both pieces of roof metal at the indicated positions trying not to drill too deep into the tops of the G12 supports. Double check the alignment of panels and while pushing up against the C2 panels, screw down the remaining Push 3 spots on the top edge.



Panels up Tight

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Roost Roof



2

3

Roof 🕹

Screw

Slide the BB panel up and under the TB & TF panels until the single "V" in the bottom panel is seated into the 2nd "V" groove of the TB & TF panels. Slide panel side-to-side to where the right edge aligns with edge of TB panel and install bottom right roof screw to pin the BB panel into place. Get panels to lay flat before screwing down.

2 Slide the BF panel over top of BB panel up and under the TB & TF panels until the single "V" in the bottom panel is seated into the 2nd "V" groove of the TB & TF panels. Slide panel side-to-side to where the left edge aligns with edge of TF panel and install bottom left roof screw to pin the BF panel into place. Get panels to lay flat before screwing down.

Using the same drilling and setting of a roof screw learned in previous steps, use the holes in the TF panel to drill into the underneath panel(s) and add a roof screw into each of the positions as illustrated. Tighten all screws firmly, just until the rubber washer is compressed. Try not to crush the rubber washer.



3

Roof 🕂

Screw

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The F5 panels install at the level as indicated by the purple arrows 🥓 and attach to the F7 back egg wall door panels as illustrated using the 3 inch T25 screws. The F6 Bottom Feeder Bracket sits between the (2) F5's as shown. Install both F5's and Feeder Bracket Bracket before proceeding to step 2. F5's install wire side down.

2 The Day Roost Bars attach under the F5 panels in the positions as indicated with the bars being captured between mirrored brackets. Using the 4" long GRK screws and the T25 torx bit, install a mirrored set of the brackets with the B4 bar captured between the brackets screwing down into the pre-drilled holes in the F5 panels into the B5 Bracket tops. There is a indexing "nick" on the tops of the B5 Brackets for aligning the front to back positioning of the Bracket. About 6 inches of the Bracket sits under the F5 panel.



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**Assembly Instructions** 

Step 3B - Egg Box Floor & Day Roosts

B5 Brackets have dog eared corner that faces down. There are 2 lefts and 2 rights that are mirrored sets of each other.

Wire Down

Use 8 of the E4 Gold GRK screws to attach the B5's to bottoms of F5's

Use nick in top of B5 brackets

as mark to position along

front edge of F5's...

Wire Down

 $\sim$ 

EG

B4 Roost Bar gets

during assembly.

captured into B5 brackets

**B5** 

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#### $\square$ Install optional water brackets & feeders. Panels hidden for clarity.



excess glue with rag and let dry for 10 minutes or so...







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Door

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Section 4 - XL Model Run Extension

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:-) Here we go !

4.1 Build Sides - Fig 1 Using T25 Bit in Bit Holder in your drill, drive T25 Screws into pre-drilled holes as indicated by Green Arrows attaching I2 Panels (both sides) to I4 Panels making sure all edges are flush.

Note: Only drive screws deep enough to hold and try not to bury heads too deeply into the wood.

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XL



### **Carefully Move Into Position With 2 People**



Lets hook it up...

**4.3 Attach XL Extension- Fig 3** With 2 people, carefully position extension assembly onto roost side of coop and attach using**T25 Screws** into pre-drilled holes as indicated by Green Arrows attaching the **I2 & I3 Panels** from the inside of the coop (if you cant bend down from the outside is fine too) and affixing the I5 Panels to the bottom sides of the G4 panels making sure all edges are flush. Repeat for both sides.

Note: Only drive screws deep enough to hold and try not to bury heads too deeply into the wood.

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XL

ROF

BUILT

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# Some things to know about using your new standard or XL model Round-Top Walk-In™ Chicken Coop

**Egg Box Liners:** You will need to put some sort of a liner in the bottom of the egg boxes. We recommend a cut up doormat that can be washed. An egg might get broken or some chickens will prefer sleeping in the egg boxes at times, and a liner makes it easy to wash. The egg boxes being dark is what makes a chicken lay there versus somewhere else.

**Optional Waterer:** If you bought the waterer, you will need to rotate it downward to dump the water and then the nipples can fit through the keyhole on the top of the entry cutout. Dump into a bucket if you don't want the ground getting wet. We do this to protect the nipples and the brackets from the weight of the waterer when full.

Freeze Guard Nipples: If you have the optional Freeze Guard Nipples, they must be removed to completely remove the waterer.

**Digging Predators:** Due to varied terrain around the country, we do not propose only one method of protecting from digging predators. Call if you have questions and we can help you decide on the best method if it is something you are concerned about. We have great articles on this topic in the blog section of our website.

**If You Ordered The Feeders:** Feed may clog in very damp climates or when using feeds that do not have clumping agents. Usually, shaking the feeder will dislodge clogged feed. If persistent, the angled chute in the feeder can have some of the material removed from the exit opening...a little at a time until you achieve the performance you want.

**Storm Panels:** The Walk-In Coop<sup>™</sup> comes stock with 2 storm panels for the roost doors. In places where there is a lot of snow or consistent sub-zero wind chill, a complete set can be ordered as an option. "Clips" on optional set require installation by the consumer to protect them during shipping.

See our web site for options to keep water from freezing in the optional waterer.



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