



PATENTS PENDING



GHILLIE PIT TOP BLIND *with* PORTHOLE WINDOW TOP



ASSEMBLY INSTRUCTIONS

BEFORE GETTING STARTED

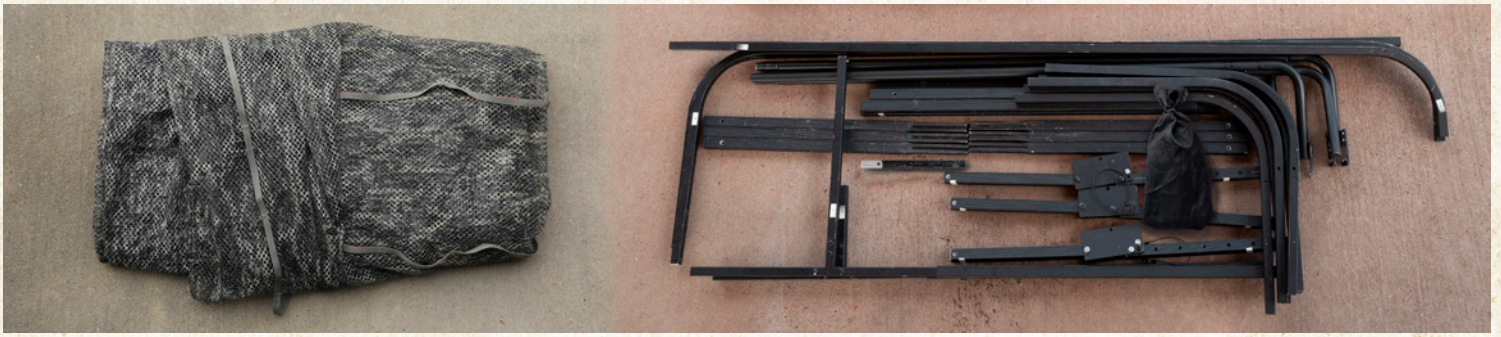
1. **Read through the manual thoroughly before assembling the Ghillie Pit Top Blind.** This will help you understand all of the parts and where they go before assembly. Assembly will be the same for the 12' and 16' lengths.
2. You will need to have, at least, one other person to help you with the assembly process.
3. Gather all the tools needed:
 - A. 7/16" wrench or Adjustable wrench
 - B. Phillips Head Screwdriver

When assembling the Ghillie Pit Top Blind, safety glasses are a **MUST**. Remember, **SAFETY FIRST**.

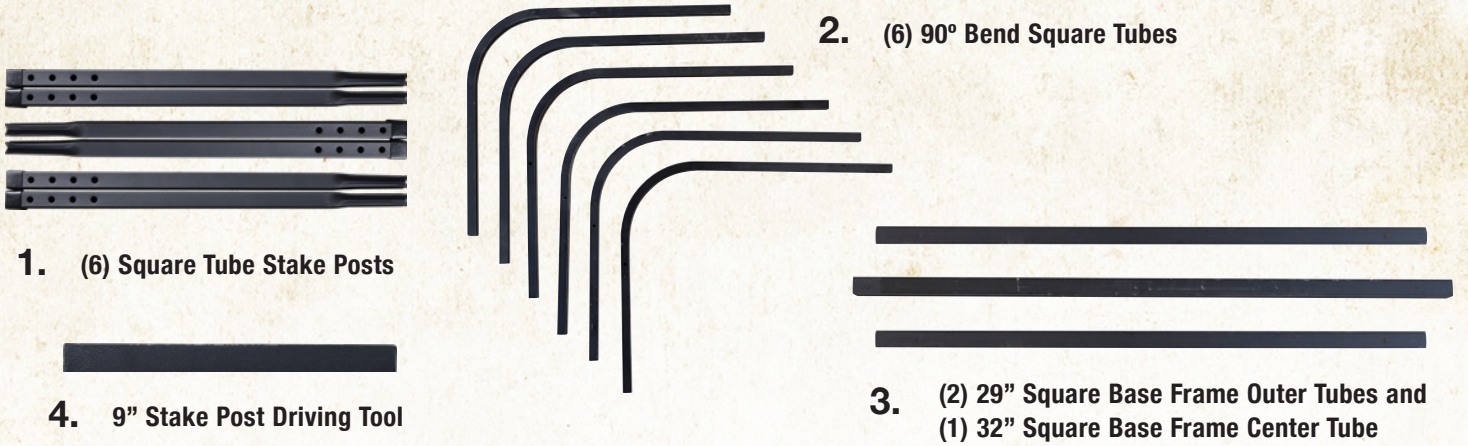
PARTS LIST

1. (6) Square Tube Stake Posts
2. (6) 90° Bend Square Tubes
3. (2) 29" Square Base Frame Outer Tubes and (1) 32" Square Base Frame Center Tube
4. (1) 9" Stake Post Driving Tool (used to protect ends of square tube stake posts while driving into ground)
5. (2) Main Frame Rear Connecting Tubes with 90° Bends (pre-assembled with hinge assemblies and Flip-Top springs)
6. (2) Center Assembly T-Posts with pre-assembled Main Frame Tubes (Rear T-post is pre-assembled with hinge assembly)
7. (1) 29" Rear Main Frame Tube
8. (1) 29" Front Main Frame Tube
9. (2) Main Frame Front Connecting Tubes with 90° Bends (*WITHOUT* pre-assembled hinge assemblies and Flip-Top Springs)
10. (2) Roof Peak Tube Assemblies (folded in half for shipping)
11. (1) Camouflage Roof Top with 5 tension adjustment straps
12. Miscellaneous Components Bag:
 - (11) 1/4-20 x 1 1/4" bolts
 - (11) Lock Nuts

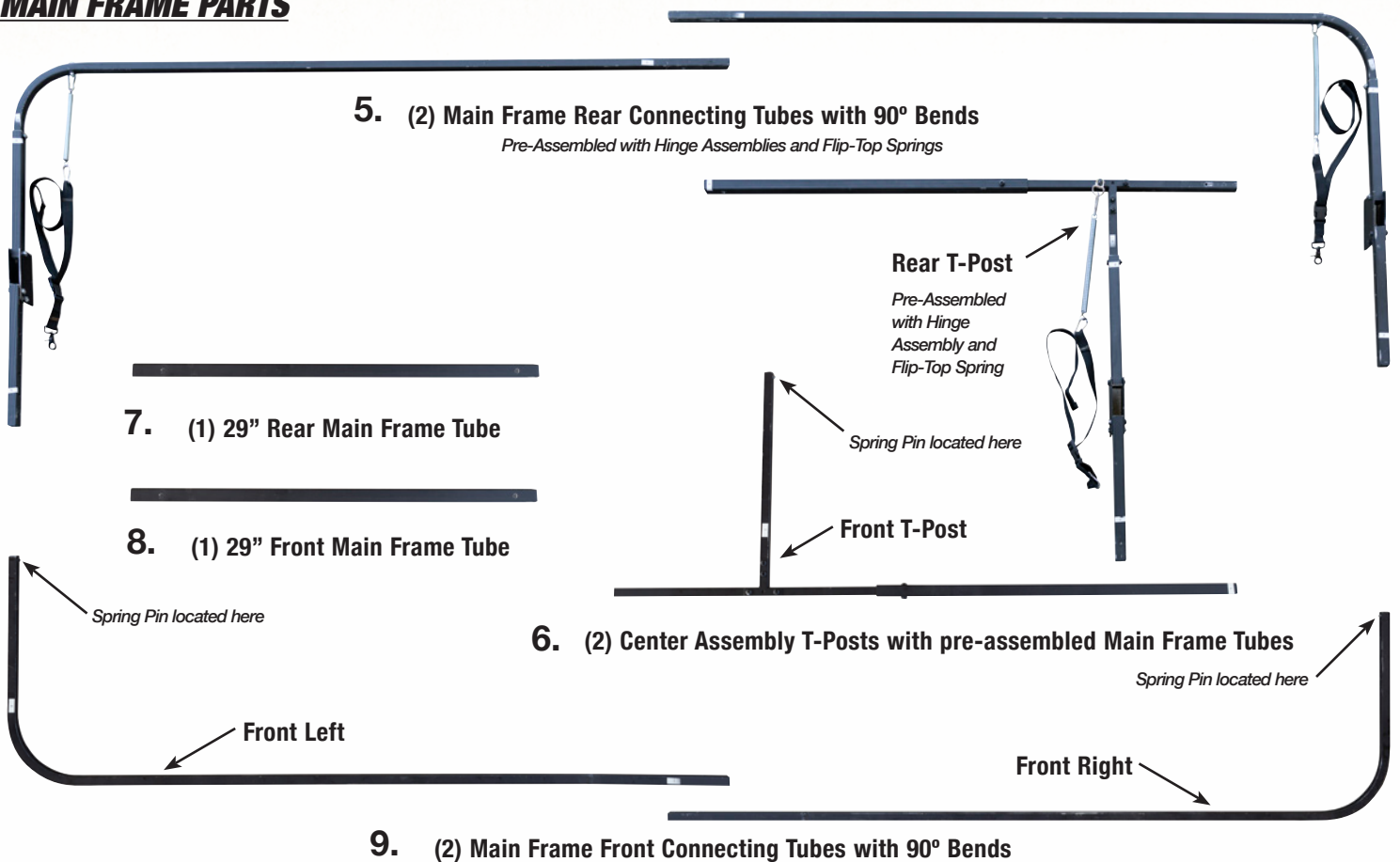
STEP 1 – Identify the components of the box, separate and organize on the ground.

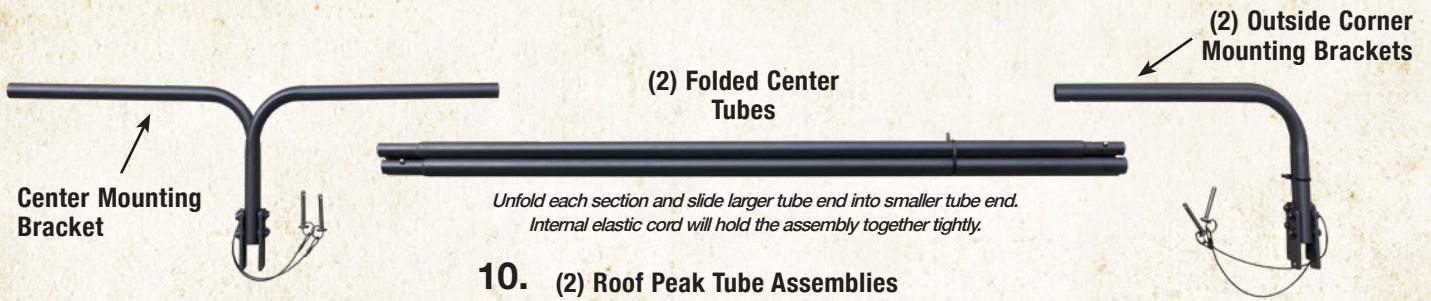


BASE FRAME PARTS



MAIN FRAME PARTS





10. (2) Roof Peak Tube Assemblies



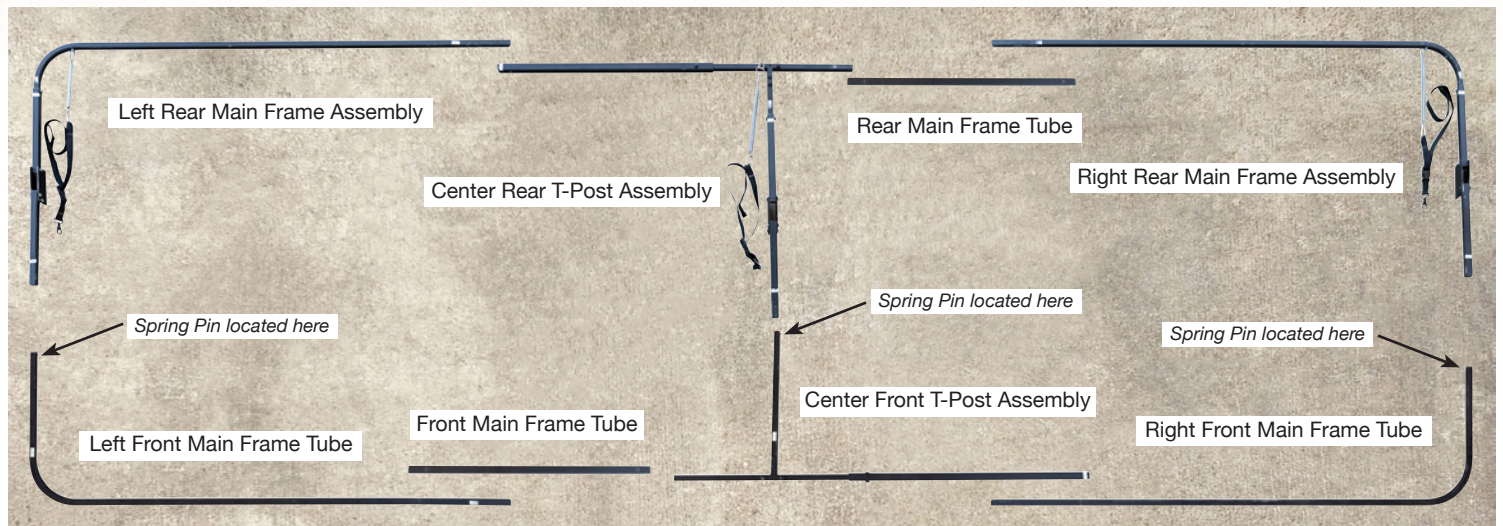
11. Camo Mesh Roof Top with 5 tension adjustment straps

12. Miscellaneous Components Bag:
(11) 1/4-20 x 1 1/4" bolts
(11) Lock Nuts



STEP 2 - Position main frame components on the ground as shown.

Place the components onto the ground with their corresponding matching numbers. Each tube piece will have numbers labeled on them as to which part connects to the next part. Remember, the frame parts with the Flip-Top Springs are attached on the rear, not the front. Before assembling the Pit Top Blind, you'll need a second person to help assemble as this pit top blind cover is quite long.



INSTALLATION INSTRUCTIONS

STEP 1

Assembly of the main top frame. Begin assembly of the main top frame by sliding each of the tubes (fig.1) into it's corresponding numbered tubes while aligning the bolt holes so that you can insert and tighten the bolts (fig. 2) using a Phillips head screwdriver and a 7/16" wrench. You'll need (11) 1/4-20 x 1 1/4" bolts and (11) lock nuts. Repeat for each hole on the main frame. The two outer rails, left and right, and the center rail assemblies of the frame has spring pins (fig. 3). These are used to adjust the width of the pit blind top so that it fits over your hunting pit properly. The distance between these adjustment holes is 2 inches. The frame can be adjusted from a minumim width of 40" to a maximum width of 48".



fig. 1



fig. 2



fig. 3

STEP 2

Install the Roof Peak Tube Assemblies (Parts List Item 10) onto the main frame. Begin by unfolding the Roof Peak Center Tubes and inserting into each tube, small tube end into the standard tube end (fig. 4a and 4b). The tubes are held together via an enclosed internal elastic cord and chain to add tension to each of the two Roof Peak Tube Assemblies. Next, gather the Center Mounting Bracket and the (2) Outside Corner Mounting Brackets (left side and right side, both brackets will work on the left and right side). Insert the Roof Peak Center Tubes into each of the Outside Corner Mounting Brackets and then into the Center Mounting Bracket to complete the Roof Peak Assembly. With the assistance of a helper, carefully lift and place the Roof Peak Assembly onto the already assembled Main Frame Assembly. You'll want to make sure that the Roof Peak Assembly is placed towards the front center of the Main Frame as shown in fig. 7. At this time, push the Roof Peak Assembly frame down onto the Main Frame until the holes just clear the Main Frame. You may have to use some pressure as the fit is tight. Inset the pins into the Outside Corner Mounting Brackets (fig. 5) and insert the double pins into the Center Mounting Bracket of the center frame rail (fig. 6).



fig. 4a



fig. 5



fig. 4b



fig. 6

When finished with the Roof Peak Tube Assemblies, the completed main frame should look like the example in Fig. 7.



fig. 7

STEP 3

Setup the Base Frames. First, determine approximately how far apart each set of base frame legs will be. You'll need (6) 90° Square Bend Tubes for each of the three sections, (2) for each section, of the base frame, (2) 29" Square Base Tubes for the one for each of the two outer sections (right and left) and a 32" Square Base Frame Tube for the center section and (6) Square Tube Stake Posts. At this time, it would be helpful to move the main frame with a buddy, which you just assembled, to the place in which you intend to setup the Ghillie Pit Top Blind. The width of the Base Frame is determined by the width of your blind.

Begin this step by placing the parts needed for each section on the ground. You'll need the 9" Stake Post Driving Tool. For example, the left section will need (2) 90° Square Bend Tubes, (1) 29" Square Base Tube and (2) Square Tube Stake Posts. The same will follow for the right side and the center will use the 32" Square Base Frame Tube.

Once you've determined where each section will go, insert the 9" Stake Post Driving Tool into the Square Tube Stake Post (fig. 8), drive the Square Tube Stake Post into the ground to your desired height, then remove the Stake Post Driving Tool after the post has been driven into the ground. That pre-determined height is completely your choice. Remember, the name of the game is concealment.

The higher the top from the ground, the more open you are to the environment. Repeat this for each of the stake posts. Be aware that each of the stake posts need to be at the same height on all 6 stake posts.



fig. 8

NOTE: The 9" Stake Post Driving Tool is **ONLY** used to drive the stake posts into the ground to protect the ends of them so that you can insert the 90° Square Bend Tubes into each of them easily. If you don't use the 9" Stake Post Driving Tool, the end of the Square Tube Stake Posts will become damaged and impossible to use.

Using the width you set on the main frame, insert two of the 90° Square Bend Tubes into one of the 29" Square Base Tubes for the right and left sections and the 32" Square Base Tube for the center section BEFORE you install the two 90° Square Bend Tubes onto the stake posts you just drove into the ground (fig. 9). Repeat for each of the three sections (fig 10).

NOTE: For the blind to operate properly, the main frame needs to be as level (flat) as possible, so make sure that each section of the base frame is at the same height on **all** three sections. These sections do not have pre-drilled holes for securing the posts and the bends. That will need to be handled by you when you have your permanent location for the pit blind by drilling a pilot hole and using self-tapping metal screws.



fig. 9



fig. 10

STEP 4

Installing the Main Frame onto the Base Frame. This step will require a second person to install. Set the main frame onto the base frame via the gap in the bottom of each of the hinge assemblies and install the attached security pin thru the hole at the bottom of the hinge assembly for each base frame section (fig. 11) to secure to the base frame sections.

NOTE: There is no exact location to attach the main frame to the base legs as this will give you some layer of adjustment for its exact positioning over top of your hunting pit. You'll want to get it as close to the center of the base frame sections for greater stability.



fig. 11

STEP 5

Installing the Camo Mesh Roof Top. With the help of a second person, unfold and fully lay open the camo mesh roof top. Carefully, drape the camo mesh roof top over the top of the main frame. Don't worry if there's a lot of material hanging off the back. This will depend solely on the width of the main frame as to how much may hang off the back.

Next, beneath the Camo Mesh Roof Top, there are many hook and loop straps used to secure the roof top material to the main frame. Be sure to start on the front of the main frame working from the center outward to the sides (fig. 12). Then, attach the sides starting at each of the front corners working your way towards the back (fig. 13). Take care when attaching the hook and loop straps so that you don't get them into the hinge area, otherwise, you'll have issues opening and closing the top.



fig. 12



fig. 13



fig. 14

Along the top underside, there are (4 or 5) tension adjustment straps. They are used to adjust the tightness of the top depending on the width of your pit. Be sure that you feed the strap on top of the Roof Peak Tubes so that they do not interfere with your hunt. Take care, if the adjustment straps are tightened too much, the top will not completely close and leave you exposed. Last, attach the Flip-Top Springs that are located on the right, left and center of the rear of the main frame to the D-ring on the front of the main frame (fig. 14). This will aid in opening the top with ease and making your hunt more enjoyable.

IMPORTANT! Add brush or "Ghillie Grass" (sold separately) to your blind to fit your surroundings. As with every blind, **CONCEALMENT** is most important.



**ENJOY
and GOOD
HUNTING!!**

Drake Waterfowl Systems
7282 Maygan Drive
Olive Branch, MS 38654
PHONE (866) 521-5012
FAX (662) 895-0449

www.drakewaterfowl.com

