

EAGLE CLAW[®] SHAPPELL[®]

FX100

FX100 Shelter Assembly Instructions

Flammability and Carbon Monoxide Warning and Maintenance

WARNING: KEEP ALL FLAME AND HEAT SOURCES AWAY FROM THIS TENT FABRIC.

This tent meets the flammability requirements of CPAI-84. The fabric may burn if left in continuous contact with any flame source. The application of any foreign substance to the tent fabric may render the flame resistant properties ineffective.

CARBON MONOXIDE POISONING HAZARD:

This shelter is extremely air tight and must be ventilated if using an oxygen consuming heat source. Side windows or auto-vents, depending on the shelter model, provide ventilation. **DO NOT PACK SNOW AROUND SHELTER** or in any way prevent fresh air from entering shelter. Failure to properly ventilate shelter could create a serious health hazard or death due to carbon monoxide poisoning.

MAINTENANCE: After each use, set up shelter until fabric is completely dry. Never leave shelter folded with a wet cover.

LOT #: _____



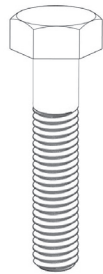
Parts (shown full size on this page)



BOLT [Ⓐ]
Qty 4



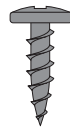
BOLT [Ⓑ]
Qty 2



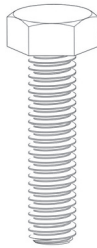
BOLT [Ⓒ]
Qty 4



SCREW [ⓙ]
Qty 1



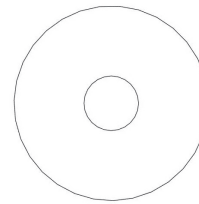
SCREW [Ⓚ]
Qty 17



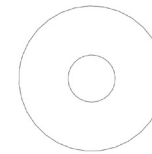
BOLT [Ⓓ]
Qty 12



**NYLON
LOCKING NUT [Ⓒ]**
Qty 22



WASHER [Ⓔ]
Qty 8



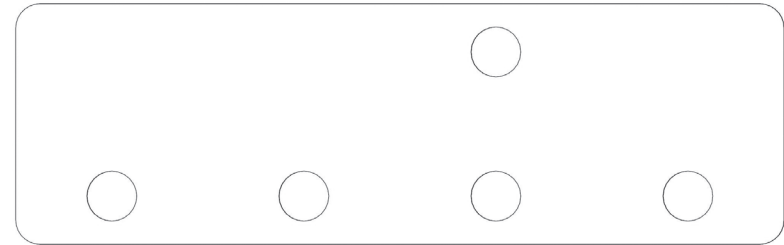
**NYLON
WASHER [Ⓕ]**
Qty 4



**NYLON
SPACER [Ⓗ]**
Qty 2



**NYLON
SPACER [Ⓐ]**
Qty 2

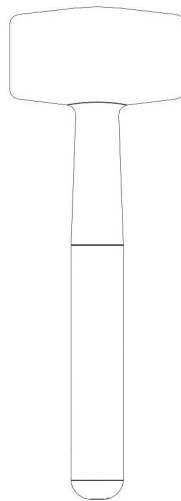


FRAME BRACKET [Ⓜ]
Qty 2

Required Tools (not included)



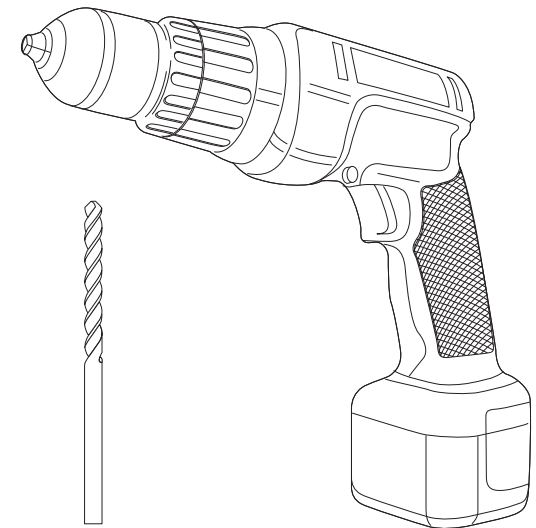
HAIR DRYER OR HEAT GUN



**RUBBER
MALET**

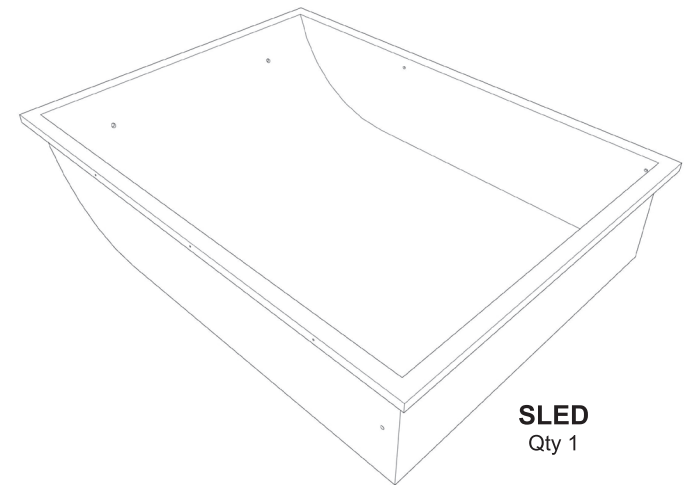
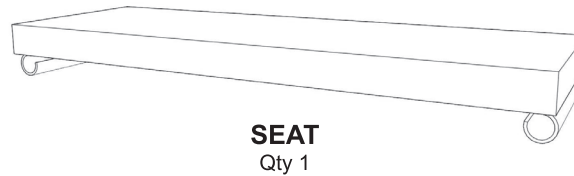
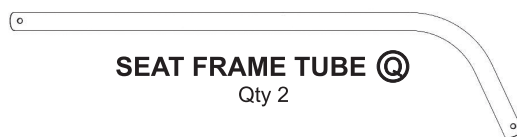
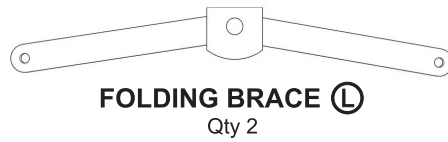
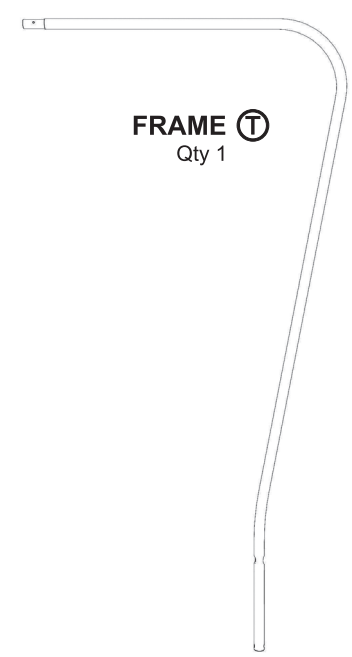
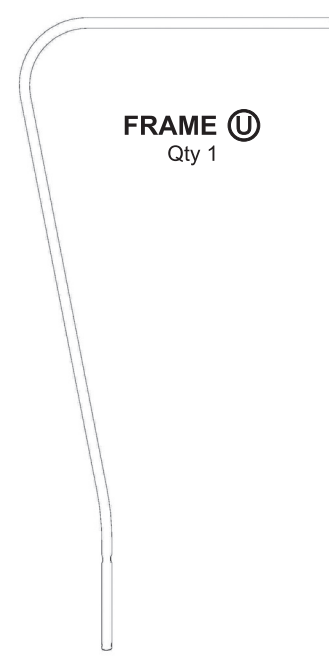
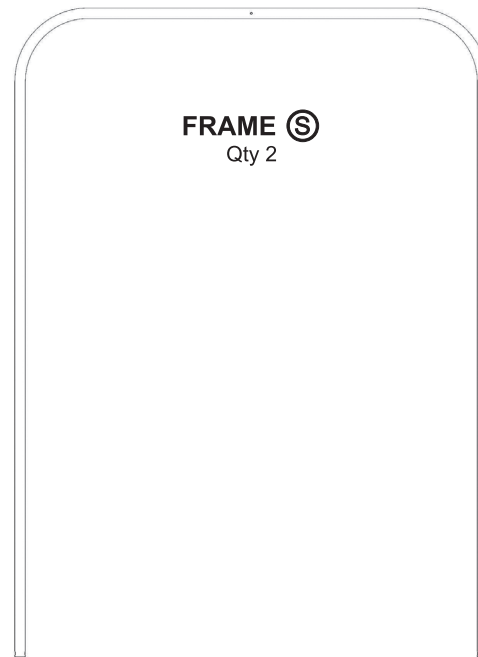
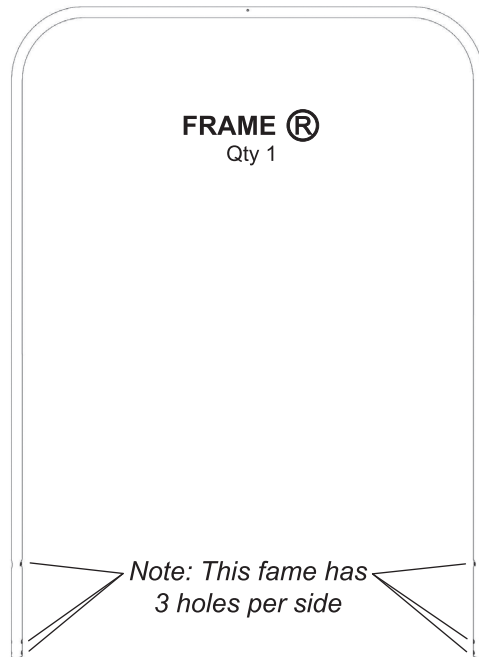


**PHILLIPS
SCREWDRIVER**



DRILL WITH 1/8" BIT

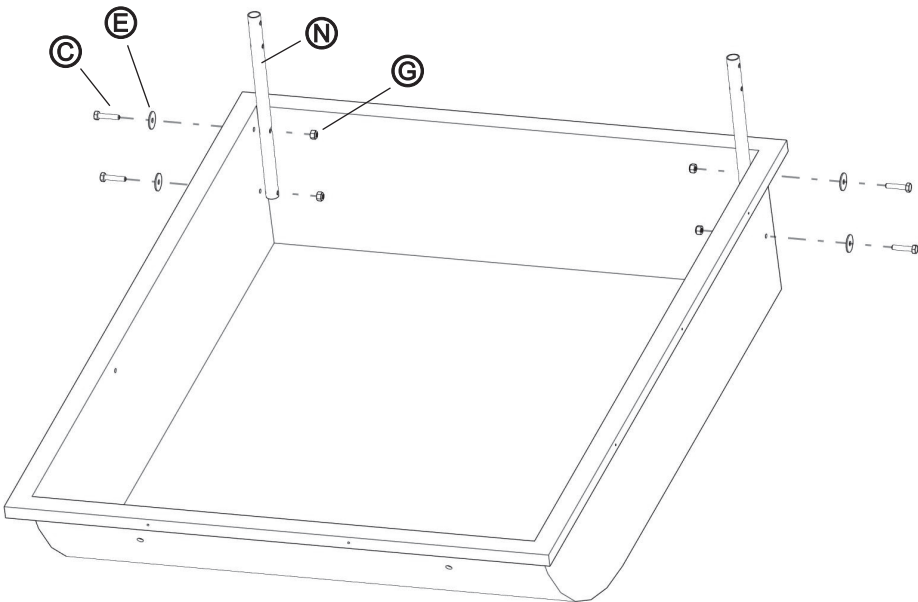
Parts (scaled to fit on this page)



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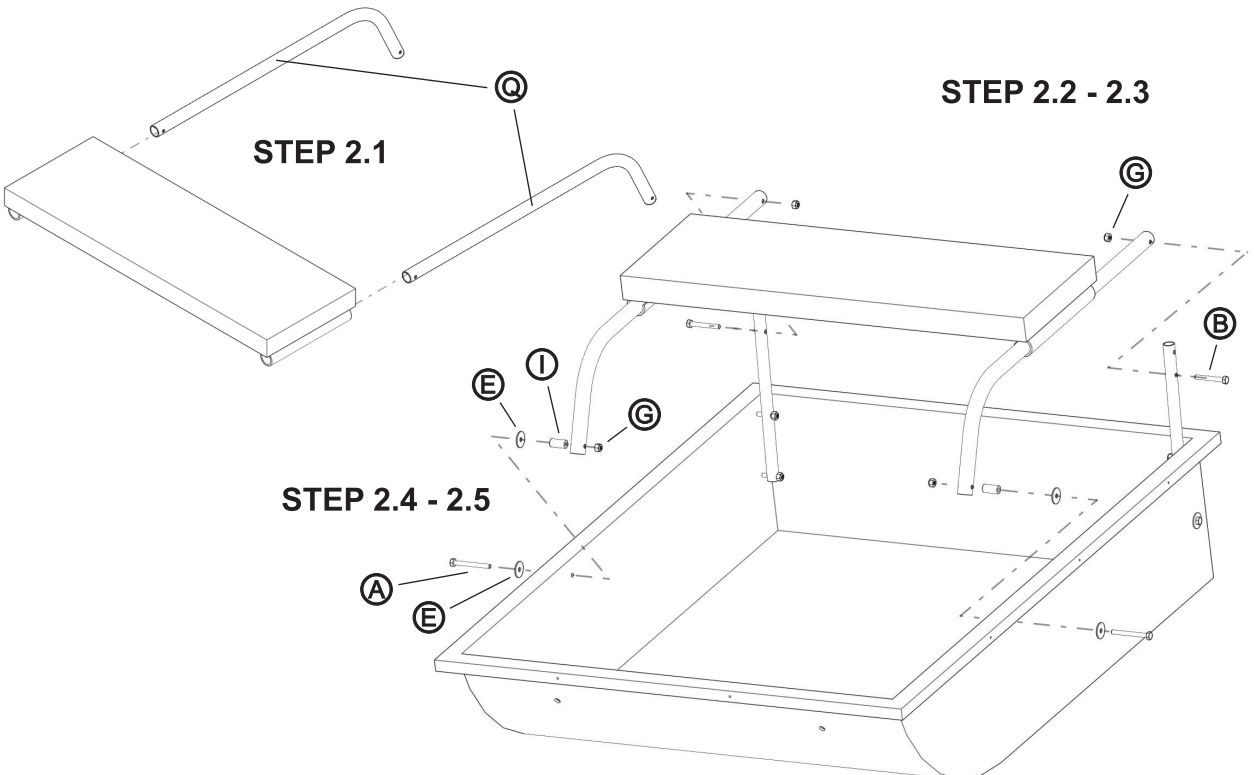
1.0 Gathering All Parts and Beginning Assembly

- 1.1 Begin by removing items from the box.
- 1.2 Separate sled, seat, parts bag, framing and cover.
- 1.3 Remove all parts from the parts bag and organize by letter (as shown on page 2).
- 1.4 Align seat riser tube **(N)** with holes in sled as shown.
- 1.5 Insert bolt **(C)** **through washer (E)** then through sled and into seat riser tube **(N)**.
- 1.6 Secure the bolt with nut **(G)**. Hand tighten only.
- 1.7 Repeat on opposite side.



2.0 Seat Installation

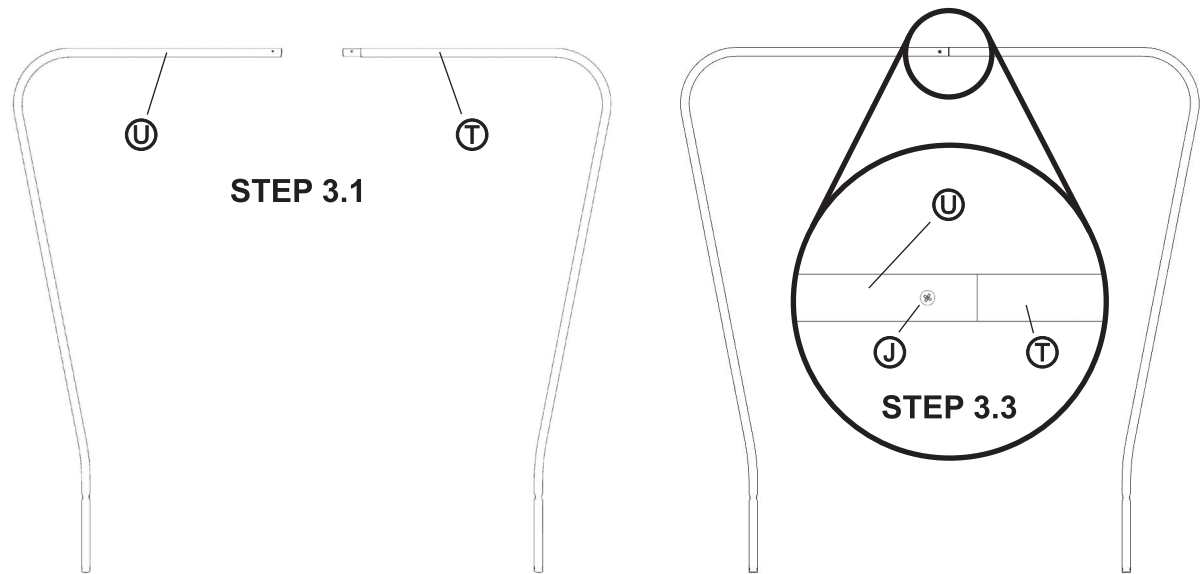
- 2.1 Begin by placing seat frame tubes **Q** through seat slides on seat.
- 2.2 Now, install one side by inserting bolt **B** through seat riser tube and into straight section of seat frame. Attach nut **G** on other side. Hand tighten only.
- 2.3 Repeat on opposite side.
- 2.4 Put washer **E** on bolt **A** then insert through sled. Place another washer **E** and a spacer **I** on bolt **A** then slip bolt through seat frame tube and attach nut **G**. Hand tighten only.
- 2.5 Repeat process on opposite side.
- 2.6 Once all nuts and bolts are installed by hand, finish by tightening with wrenches including those from Step 1.4-1.7. Tighten until snug. Do not over-tighten as you may strip the bolts.
- 2.7 Ensure seat slides easily from front to rear on seat frame.



3.0 Assembly of Wide Foot Frame Section

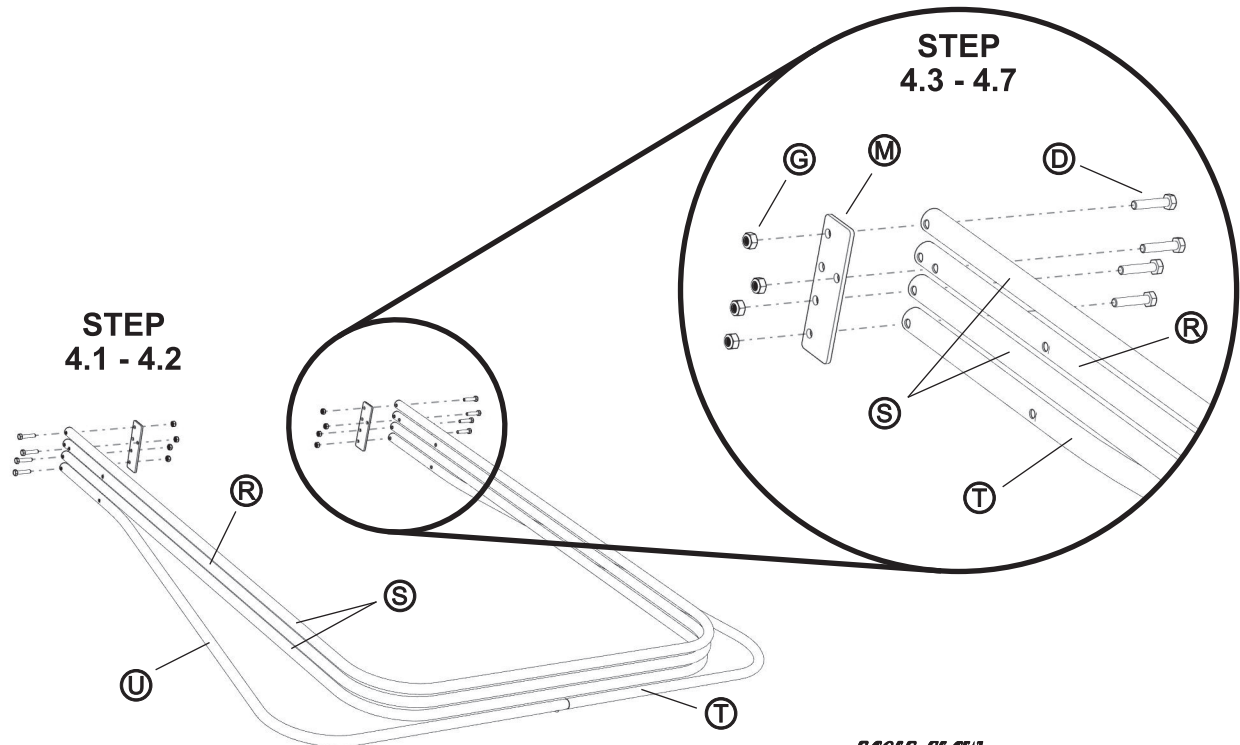
- 3.1 Insert male end of frame **(T)** into matching section of female end of frame **(U)**.
- 3.2 Align holes at the joined section.
- 3.3 Secure the two halves with screw **(J)**.

Note: The hole is intentionally small and the screw will be difficult to drive in.



4.0 Frame and Frame Bracket Assembly

- 4.1 Layout frame with the joined **(T)** and **(U)** on the ground with the screw facing down.
- 4.2 Next, stack one frame **(S)** on top, then frame **(R)**, then the last frame **(S)**.
- 4.3 Starting with the bottom joined frame **(T)** and **(U)**, attach frame bracket **(M)** using bolt **(D)** and nut **(G)**. Hand tighten only.
- 4.4 Working from the bottom up, proceed with the next frame section **(S)** and attach to the bracket. Hand tighten only.
- 4.5 Attach frame **(R)** using the top hole only. Save the bottom hole for step 5.
- 4.6 Attach the last frame section **(S)** to the bracket.
- 4.7 Repeat on opposite side.
- 4.8 Once all nuts and bolts are installed by hand, finish by tightening with wrenches. Tighten until snug. Do not over-tighten as you may strip the bolts.

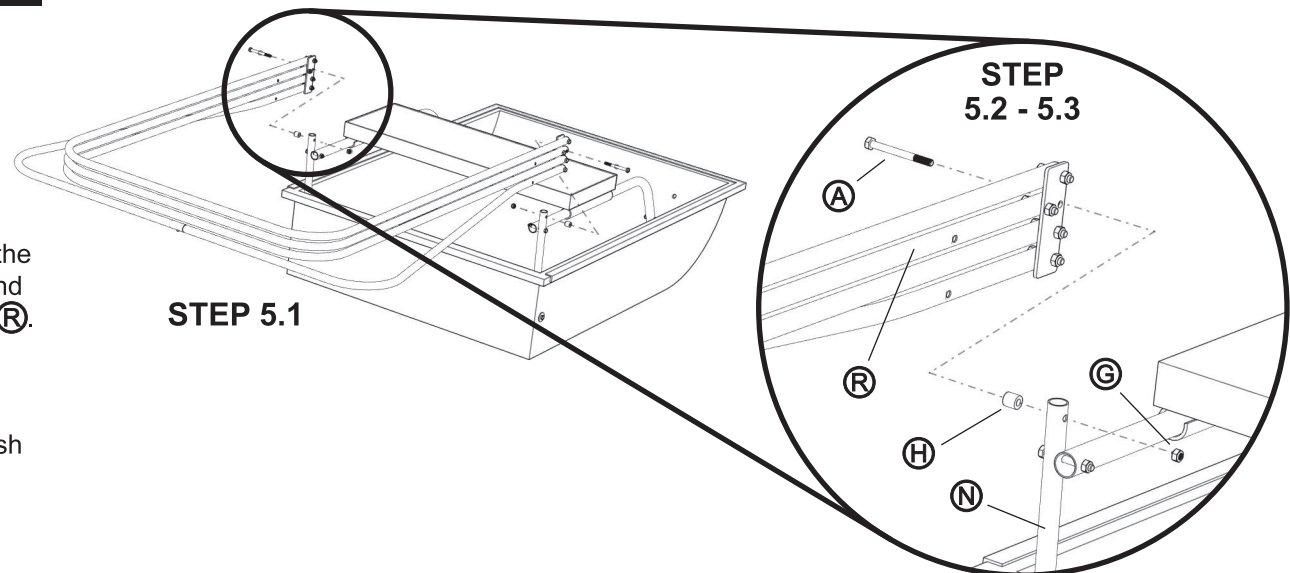


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5.0 Attaching Frame to Sled

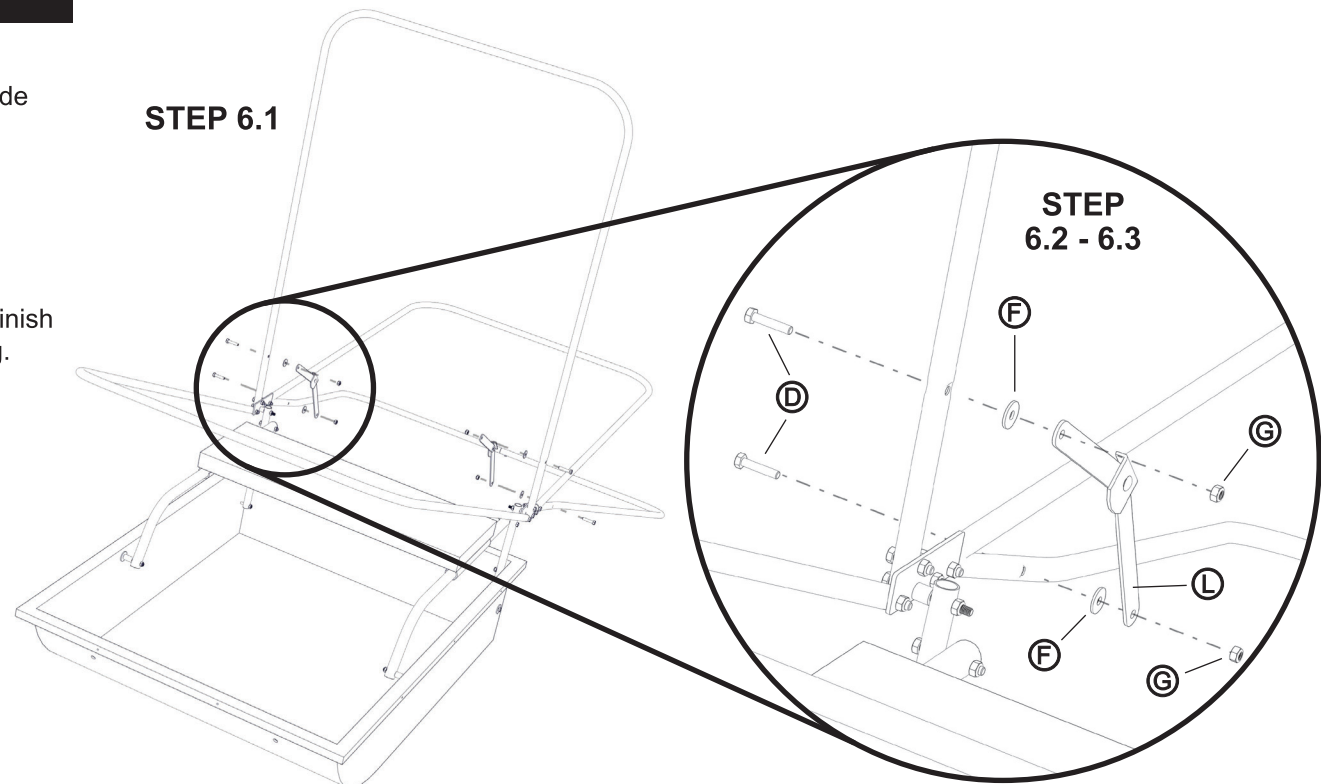
Note: This portion will be easier with the aid of a second person.

- 5.1 Slide the sled toward the assembled frame and place both sides of the frame on the sled.
- 5.2 Begin attaching one side of the frame bracket to the seat riser tube **(N)** by using bolt **(A)**, spacer **(H)** and nut **(G)**. **Ensure the bolt goes through frame tube **(R)**.** Hand tighten only.
- 5.3 Repeat on opposite side of the sled.
- 5.4 Once all nuts and bolts are installed by hand, finish by tightening with wrenches. Tighten until snug. Do not over-tighten as you may strip the bolts.





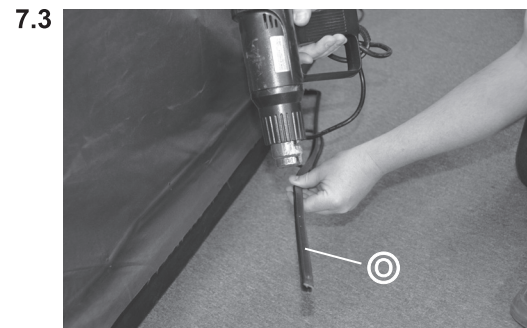
6.0 Installing Folding Braces

- 6.1 Open frame.
- 6.2 Ensure the folding brace plate faces to the inside of the shelter and the lip is on top of the brace. Install folding brace **(L)** to the frame using bolt **(D)**, washer **(F)** and nut **(G)** on one side. Hand tighten only.
- 6.3 Repeat on opposite side.
- 6.4 Once all nuts and bolts are installed by hand, finish by tightening with wrenches. Tighten until snug. Do not over-tighten as you may strip the bolts.




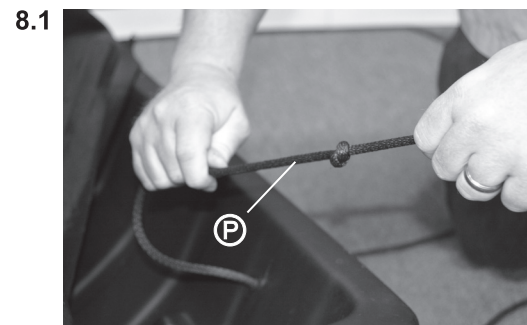
7.0 Installing Shelter Cover

- 7.1 Unfold shelter cover and place on top of shelter frame.
- 7.2 From inside the shelter, secure the cover using the Velcro® straps on cover.
- 7.3 Unroll trim  and place around the outside of the sled. If the trim is stiff, use a hair dryer to soften the trim to make it easier to work.
- 7.4 Starting at one corner of the sled near the frame bracket, push the trim over the edge of the cover and onto the edge of the sled.
- 7.5 Pull the shelter cover tight while pushing the trim onto the sled. If necessary, a rubber mallet can be used to assist in installing the trim.
- 7.6 Once trim is installed completely around the shelter, excess trim may be cut off using scissors.
- 7.7 Using a 1/8" drill bit and electric drill, drill holes through trim and sled about 12" apart starting at the corner near one frame bracket.
- 7.8 Secure the trim using screws . Hand tighten only. Tighten until snug. Do not over-tighten as you may strip the bolts.
- 7.9 Remove paper from windows and dispose of properly.



8.0 Install Sled Rope

- 8.1 Install sled rope  through holes at rear of sled. Tie a knot in the end of the rope to secure to sled.



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9.0 Take Down Instructions

- 9.1 While inside shelter, pull up on folding braces to collapse the shelter cover.
- 9.2 Push frame backwards until all frame poles lie flat against sled.
- 9.3 Reverse steps to setup shelter.

You are now ready to go ice fishing in your new Eagle Claw Shappell FX100 Shelter!

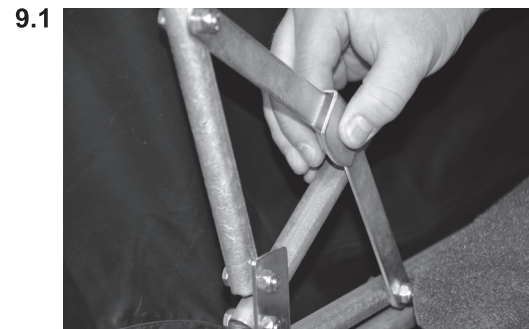
For assembly assistance, please visit our YouTube channel <https://www.youtube.com/EagleClawFishing> or call our Warranty Department @ 720.941.8718



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