

**▲WARNING!**

Read your instructions completely and carefully before attempting to set up your Gravelly QXT snow cab or operate your snow thrower with your cab installed.

**▲AVERTISSEMENT!**

Lire complètement et attentivement les instructions avant de tenter d'installer votre cabine de souffleuse à neige Gravelly QXT ou d'utiliser votre souffleuse à neige avec la cabine installée.

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## **SAFETY INFORMATION**

Please read and understand this entire manual before attempting to assemble, operate or install the product.

1. THE CAB IS NOT A PROTECTIVE DEVICE.  
The cab will NOT protect against noise, engine exhaust, chemicals, collision, roll-over or other accidents.
2. Follow all of your snow thrower manufacturer's recommended safety instructions.
3. Operating a snow thrower with this cab will restrict your field of vision. Watch carefully for people, children, obstructions or obstacles.
4. The cab adds height to your snow thrower. Remember the height of your cab. Watch carefully for tree limbs or other items overhead that you could previously go under without a cab.
5. Before use, be sure that all bolts are tight. If one or more bolts comes loose, failure of cab parts may occur.

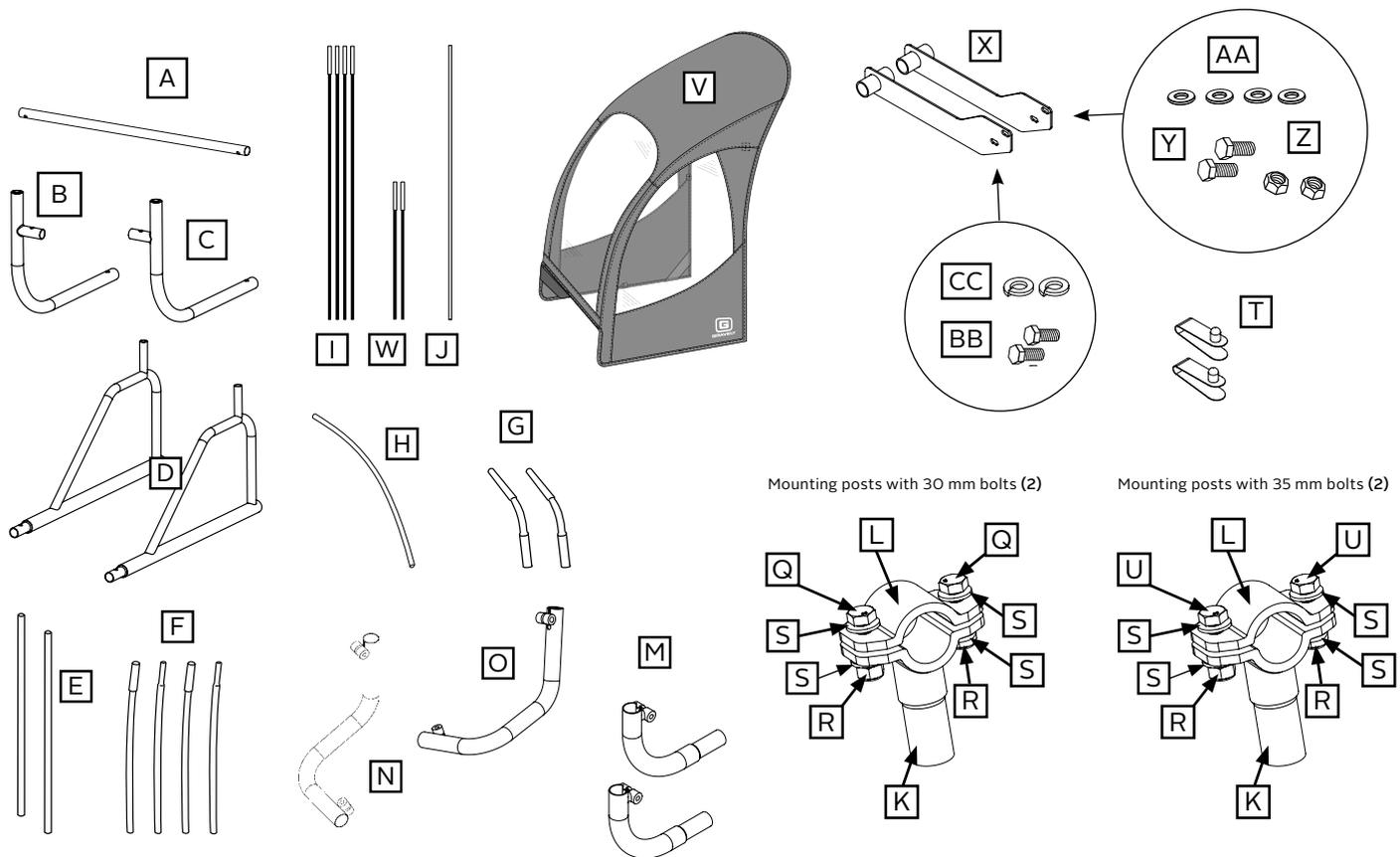
## **PRACTICE SAFE MAINTENANCE**

- Only qualified, trained adults should service this machine.
- Understand service procedure before doing work.
- Keep area clean and dry.
- Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- Never lubricate, service or adjust the machine or attachment while it is moving. Keep safety devices in place and in working condition.
- Keep hardware tight.
- Keep hands, feet, clothing, jewelry, and long hair away from any moving parts to prevent them from getting caught.
- Disconnect battery or remove spark plug wire (for gasoline engines) before making any repairs.
- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Replace all worn or damaged safety and instruction decals.
- Check all hardware at frequent intervals to be sure the equipment is in safe working condition.
- Do not modify machine or safety devices. Unauthorized modifications to the machine or attachment may impair its function and safety.

## **WEAR APPROPRIATE CLOTHING**

- Always wear eye protection when operating the machine.
- Wear close-fitting clothing and safety equipment appropriate for the job.
- Always wear substantial footwear and long trousers.
- Wear a suitable ear protective device such as earplugs.
- Loud noise can cause impairment or loss of hearing.

# Package Contents List (Parts)



Part	Description	Qty.	Part No..
A	Center Main Frame	1	78591700-A
AA	Washers (10 mm)	4	78591700-AA
B	Right Main Frame	1	78591700-B
BB	Hex Bolts (8 mm x 1.25 x 20)	2	78591700-BB
C	Left Main Frame	1	78591700-C
CC	Split Washers (8 mm)	2	78591700-CC
D	Rear Main Frame	2	78591700-D
E	Front Pole	2	78591700-E
F	Back Hoop Side Poles	4	78591700-F
G	Back Hoop Corner Poles	2	78591700-G
H	Back Hoop Top Pole	1	78591700-H
I	Long Fiberglass Pole, Side	4	78591700-I
J	Fiberglass Pole, - Top	1	78591700-J
K	Mounting Post, Upper Clamps	4	78591700-K

Part	Description	Qty.	Part No.
L	Mounting Post, Upper Clamp Top Plate	4	78591700-L
M	Mounting Posts, Inner	2	78591700-M
N	Mounting Post, Outer Right	1	78591700-N
O	Mounting Post, Outer Left	1	78591700-N
Q	Hex Bolts (8 x 30 mm)	10	78591700-Q
R	Nylock Nuts (M8)	8	78591700-R
S	Washers (M8)	16	78591700-S
T	Spring Pin Clips (4 installed, 2 extra)	6	78591700-T
U	Hex Bolts (8 x 35 mm)	4	78591700-U
V	Skin	1	78591700-V
W	Short Fiberglass Pole, Side	2	78591700-W
X	Support Bracket	2	78591700-X
Y	Hex Bolts (10 x 25 mm)	2	78591700-Y
Z	Nylock Hex Nuts (10 mm)	2	78591700-Z

## TOOLS NEEDED



1/2 in. box wrench

or



Adjustable Wrench

or



1/2 in. Socket Wrench

## ASSEMBLY TIME



One hour (60 minutes)

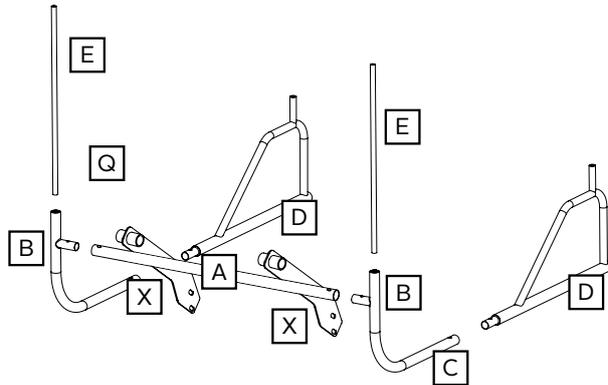
# Step 1

## ASSEMBLE THE FRAME

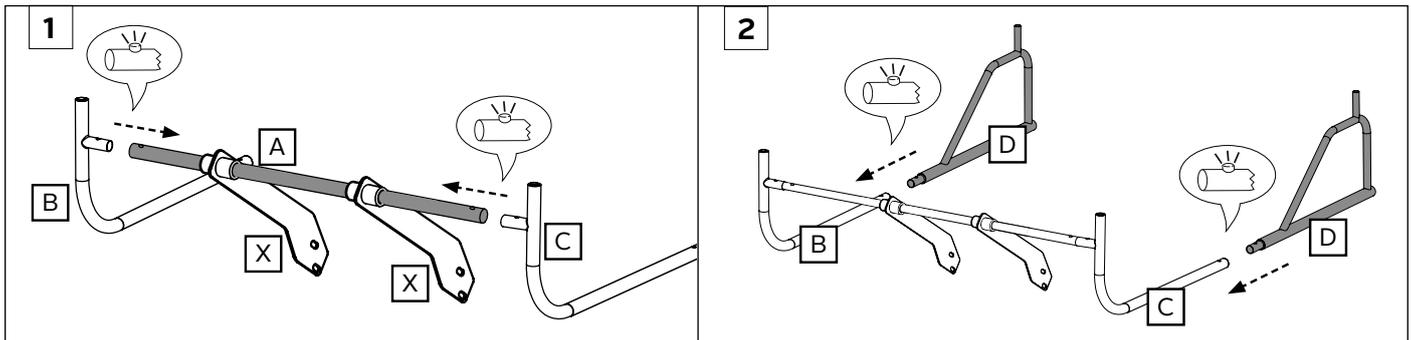
**NOTE:** Assemble frame on a clean flat surface next to your Gravely snow thrower for easy mounting.

### PARTS NEEDED

### TOOLS NEEDED

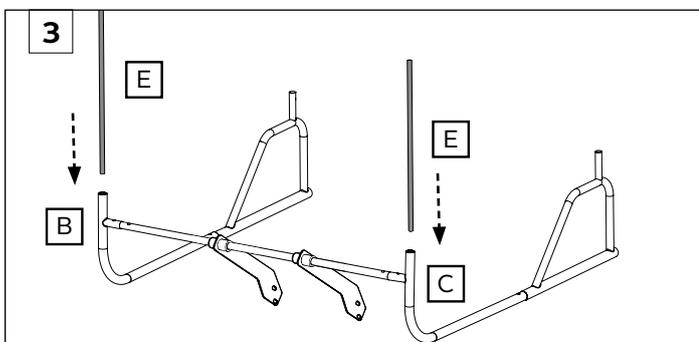


None



**1**  
Slide the two support brackets [X] onto the center mounting bar [A]. These will be adjusted to attach to your machine later.  
Insert the center mounting bar [A] onto the stub tube of the right mounting bar [B] until the spring button pops through hole in center bar.  
Insert center mounting bar [A] onto the stub tube of the left mounting bar [C] until the spring button pops through hole in center bar.

**2**  
Slide the mounting bar ends [D] onto the ends of the right and left mounting bars [B, C]. Make sure the spring buttons on the mounting bar ends [D] pop into the holes on the side mounting bars [B, C].



**3**  
Insert the front poles [E] onto the upright ends of the side mounting bars [B, C].

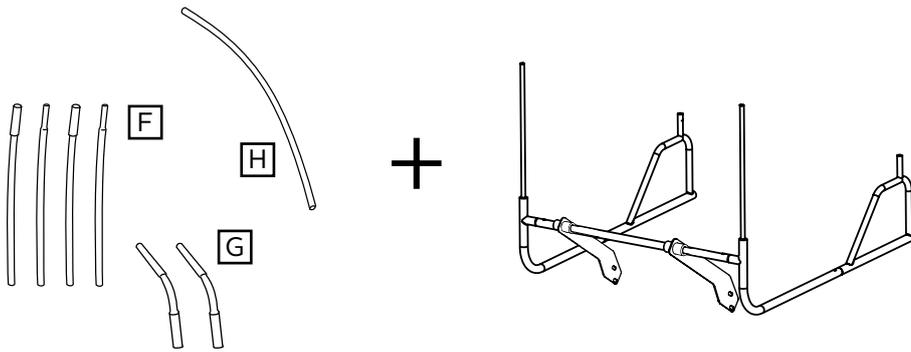
# Step 2

## ASSEMBLE THE BACK HOOP FRAME

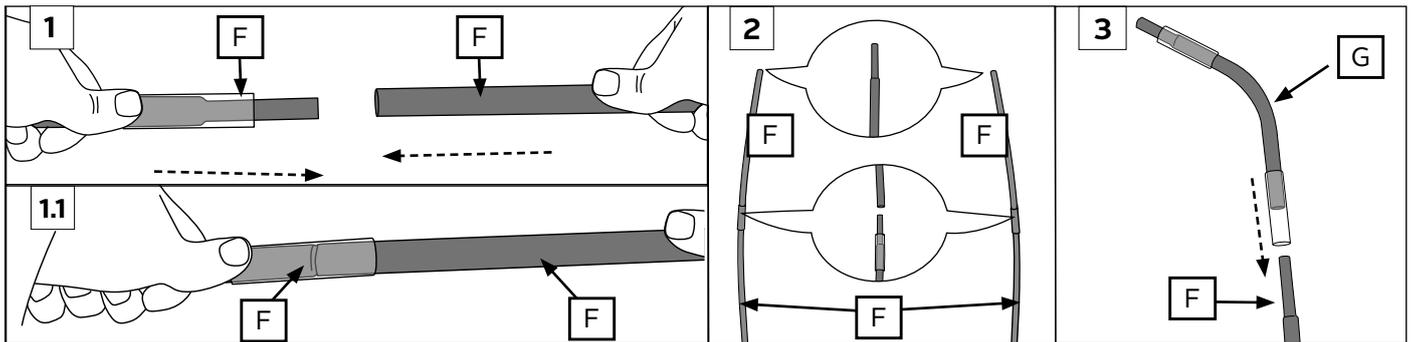
**NOTE:** It may help to place the parts flat on the ground for easier assembly.

### PARTS NEEDED

### TOOLS NEEDED



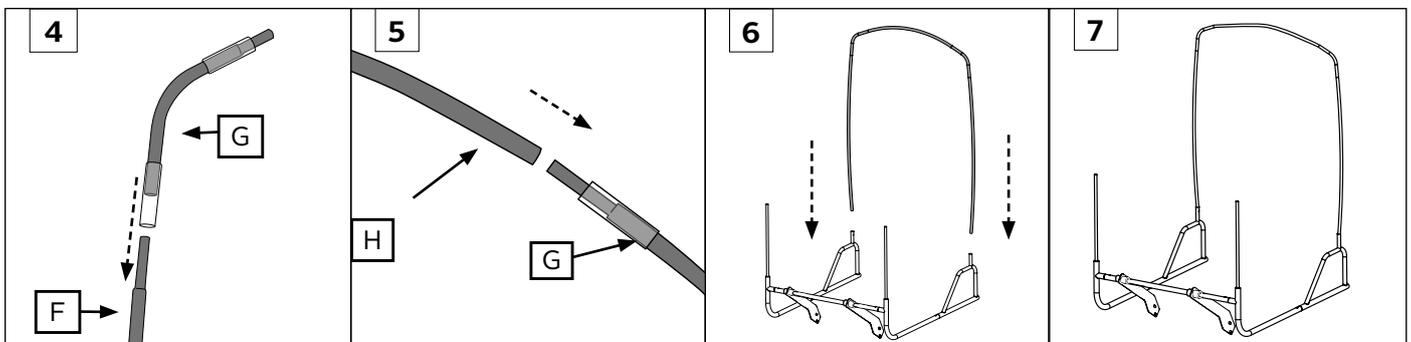
None



The back hoop side poles [F] are designed to fit together by matching tapered ends as shown.

Connect two side poles [F] together for each side of the cab frame.

Insert the back hoop corner poles [G] over the end of the top back hoop side poles [F].



Repeat with the remaining back hoop corner poles [G] and the remaining top back hoop side poles [F] set.

Insert each end of the back hoop top pole [H] into the ends of both back hoop corner poles [G].

Insert the back hoop side pole assembly into the upper stub tubes on the right and left side of the frame.

Make sure all the poles are fully inserted before proceeding.

# Step 3

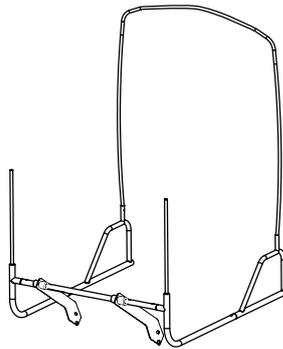
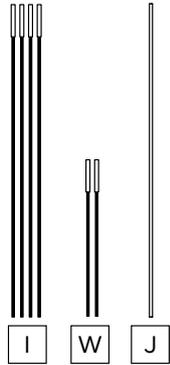
## ASSEMBLE THE FRONT POLE

**⚠WARNING:**

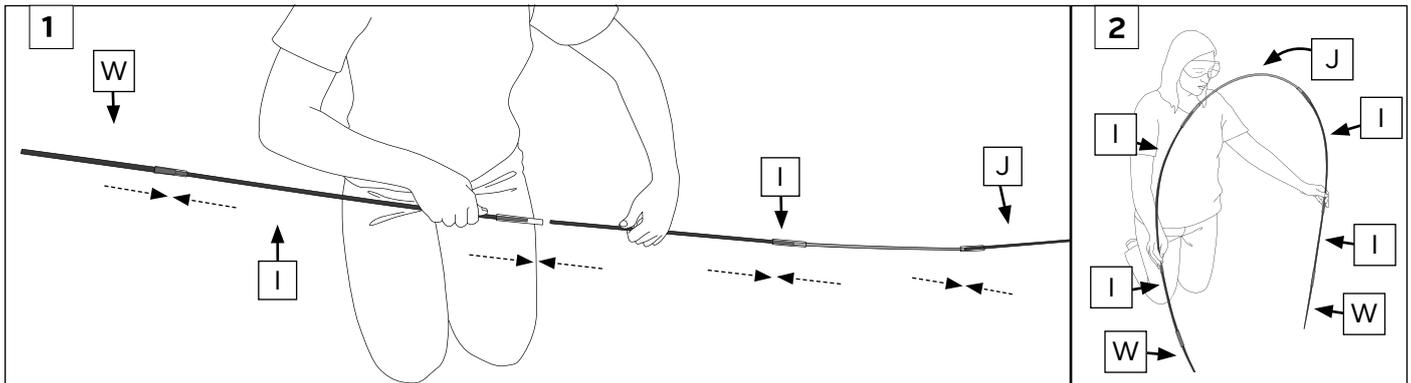
Use care when assembling the front hoop side and top poles. Poles under tension can slip out of the metal/plastic sleeves causing serious injury. Safety goggles are recommended.

**PARTS NEEDED**

**TOOLS NEEDED**

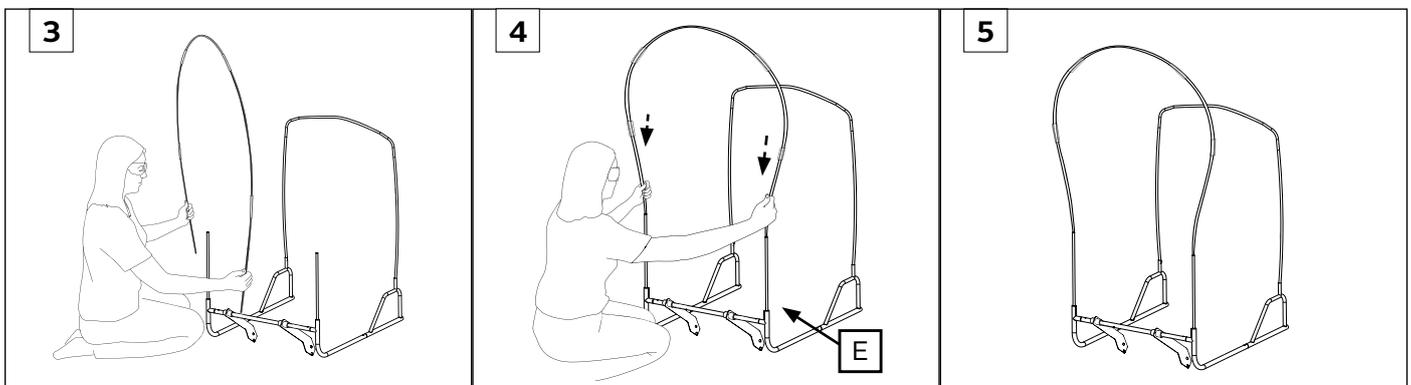


NONE



Insert one short fiberglass side pole [W] into one long fiberglass side pole [I] and then into a second long fiberglass side pole [I]. Then insert the front hoop top pole [J]. Repeat on the other side of fiberglass top pole [J] attaching the remaining two front hoop side poles [I] together with the short fiberglass pole [W].

Grasp the front hoop pole assembly by the outside set of side poles and bend into a curve.



While grasping both ends of the assembled front hoop, lift...

...and insert into the ends of the front poles [E].

Completed cab framework.

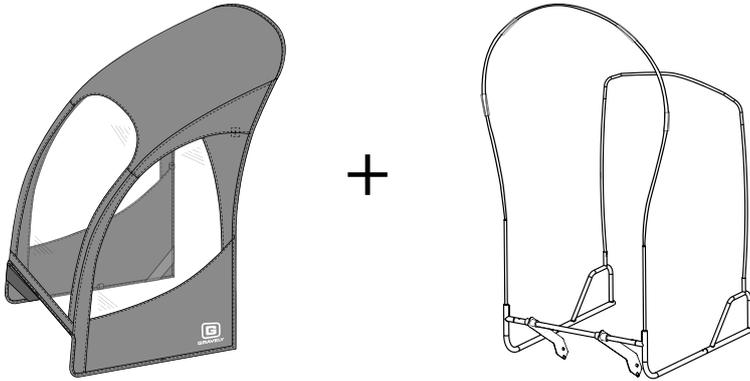
# Step 4

## INSTALL THE CAB SKIN ONTO THE FRAME

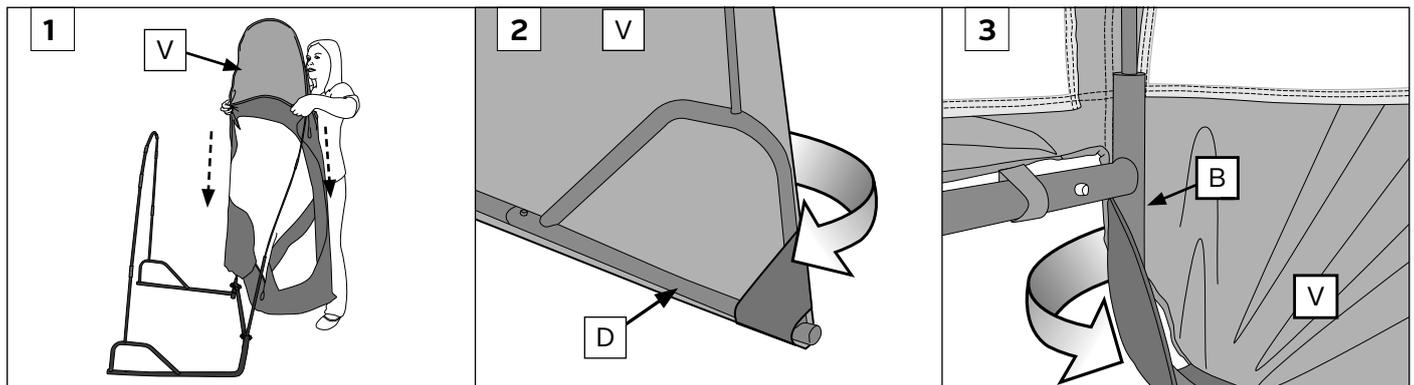
**NOTE:** Fabric shell will be tight when properly assembled.

### PARTS NEEDED

### TOOLS NEEDED



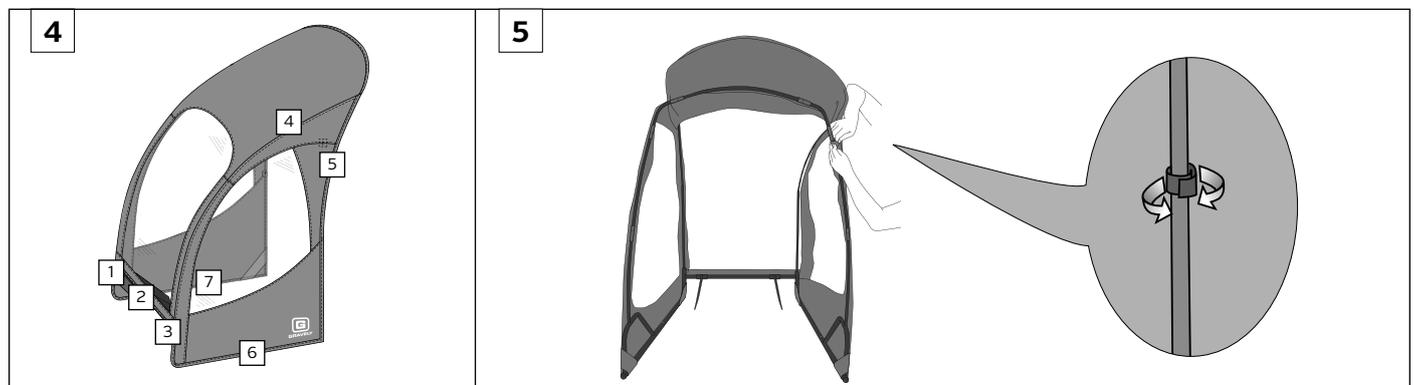
NONE



**1** Slide the pocket in the top of the skin [V] over the installed front hoop assembly.

**2** Pull the skin to the back and secure the elastic strap at the back of the skin [V] around the end of the mounting bar end [D]. Repeat process on the opposite side.

**3** Slide the front elastic strap at the bottom of the skin [V] around the right mounting bar corner [B]. Repeat on the other side with the left mounting bar C.



**4** Attach rip-and-grip tabs in the proper sequence. Fabric will be tight to the frame and hoop assemblies.

**5** Continue attaching all the rip-and-grip tabs to the frame, back hoop and front hoop assemblies. Make sure to correctly attach the rip-and-grip tabs to the frame.

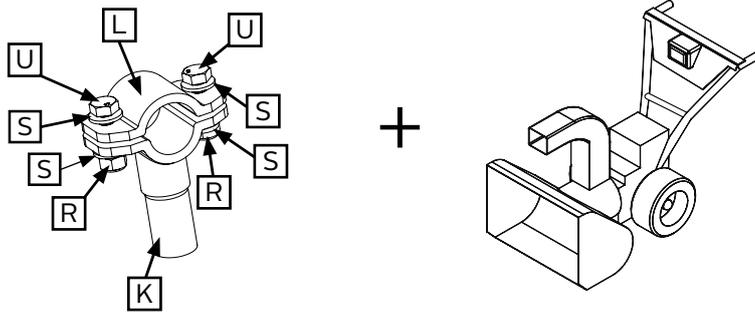
# Step 5

## INSTALL MOUNTING POSTS TO SNOW THROWER

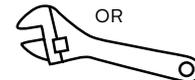
### PARTS NEEDED

### TOOLS NEEDED

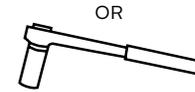
Mounting posts with 35 mm bolts (2)



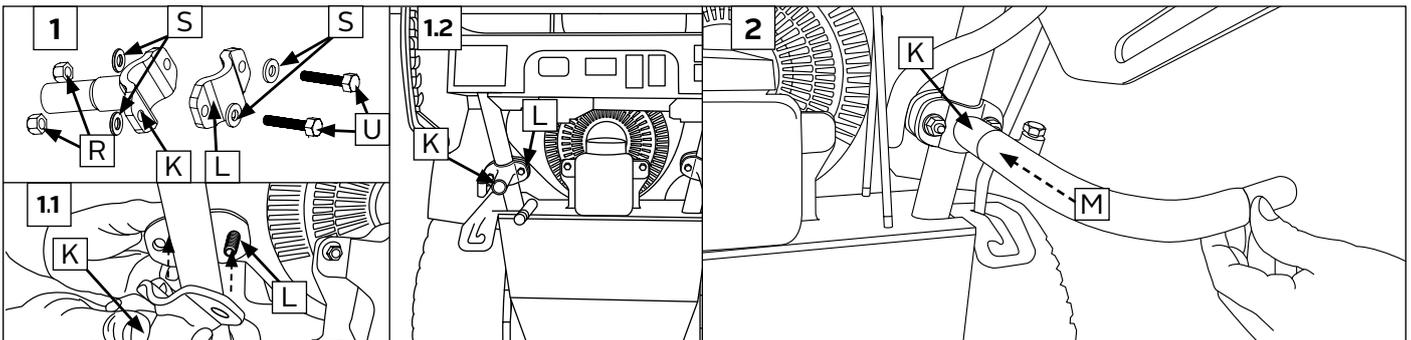
1/2 in. Box Wrench



OR  
Adjustable Wrench



OR  
1/2 in. Socket Wrench

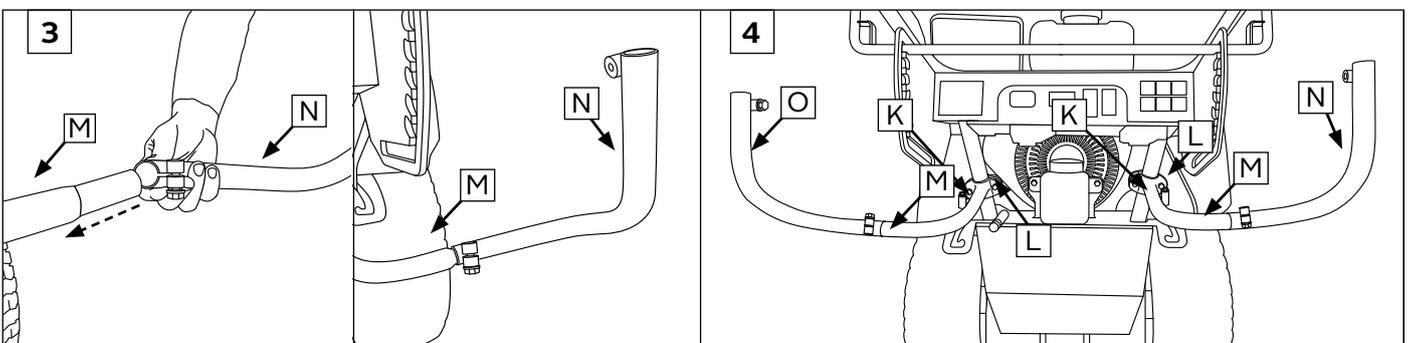


Assemble the upper clamp mounting post [K] to the top plate [L] on the post on your machine (See figure) Secure with two washers [S], two 35 mm hex bolts [U] and two hex nuts [R].

Hand tighten. Later adjustment may be necessary to align mounting brackets with machine.

Repeat on opposite side

Slide inner mounting post [M] onto attached upper clamp [K]. Position so that [M] faces outward. Repeat on the other (left) side.



Next, slide the right outer mounting post [N] into inner mounting post [M]. Repeat on the left side by mounting part [O] on top of part [M]

Note: that you may want to adjust these connections before assembly is complete so connections should be snug but don't have to be tight.

View of installed mounting posts on machine. The top section of the outer mounting posts [O] and [N] should be vertical to the ground. Check that the posts look even, adjust as needed.

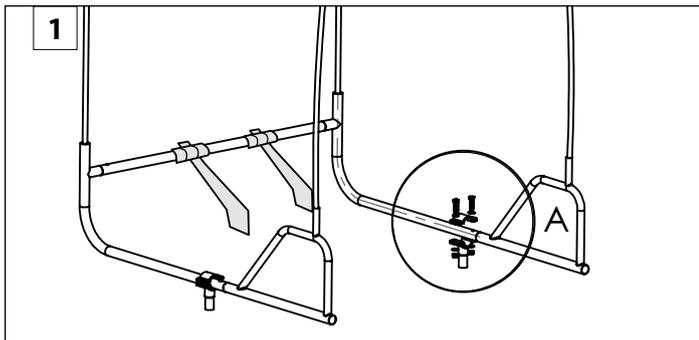
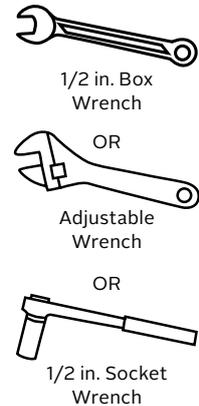
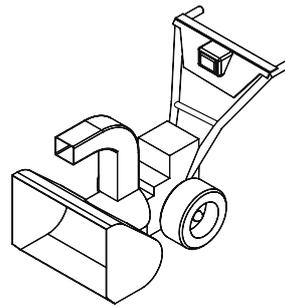
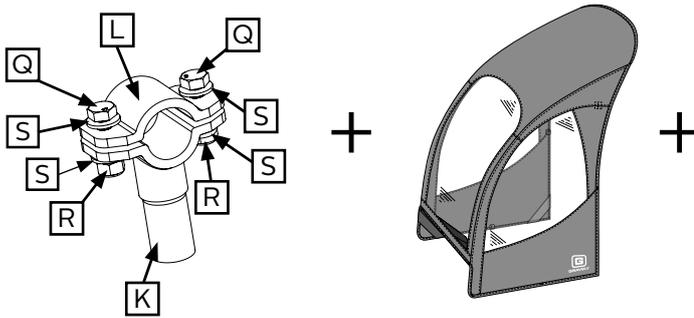
# Step 6

## INSTALL UPPER MOUNTING POST ON CAB FRAME POSITION ASSEMBLED CAB OVER SNOW THROWER

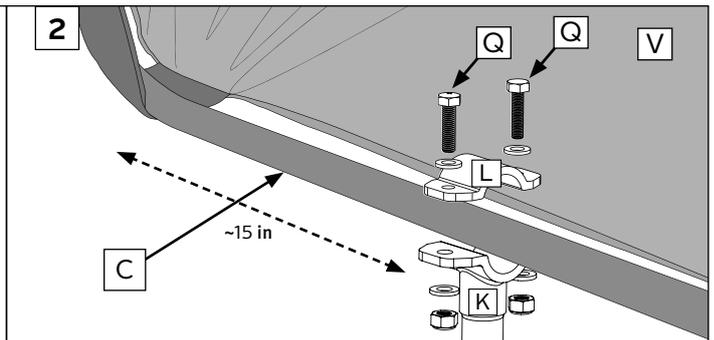
### PARTS NEEDED

### TOOLS NEEDED

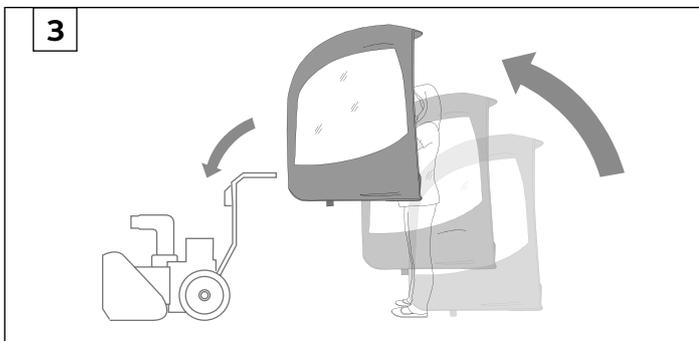
Mounting posts with 30 mm bolts (2)



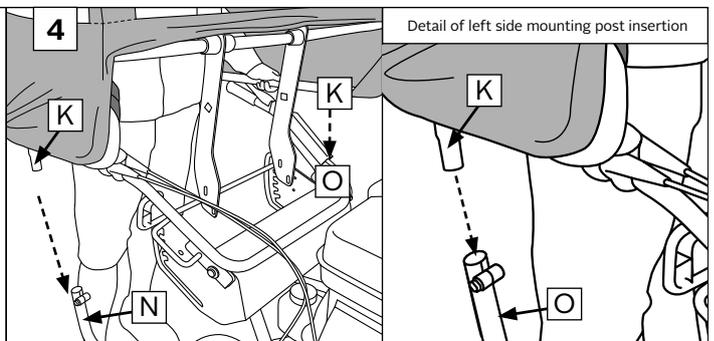
Before mounting assembled cab onto the snow thrower, loosely secure a mounting post [K] and the upper clamp top plate [L] together.  
Note: Frame is shown without fabric for visibility of placement location



Use the 30 mm hex bolts [Q] around the main frame [C] of assembled cab frame.  
Note: Be careful not to pinch the fabric skin [V] when securing clamp on frame.



Position the assembled cab over the snow thrower.



Drop the support brackets [K] on the cab into the outer mounting posts that are attached to the machine [N] and [O].

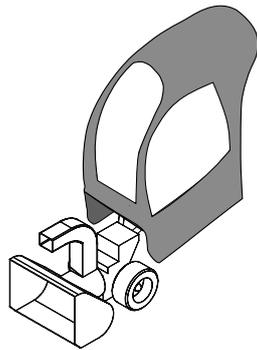
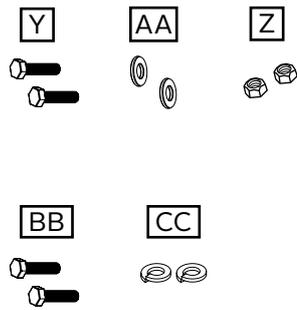
Note: It may be necessary to adjust the position of the lower mounting posts in order to slide upper mounting posts [K] into them.

# Step 7

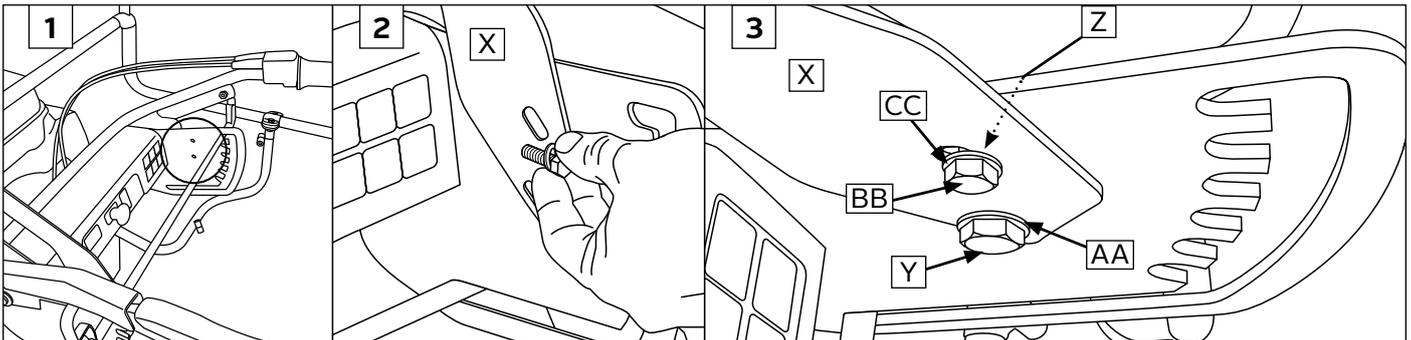
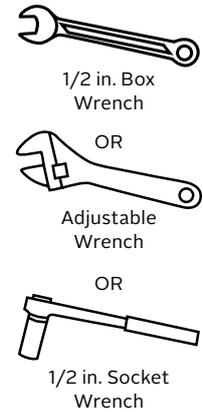
## SECURE THE CAB TO SNOW THROWER ON THE [X] SUPPORT BRACKET

**NOTE:** Exact positioning can vary depending on your preference.

### PARTS NEEDED



### TOOLS NEEDED

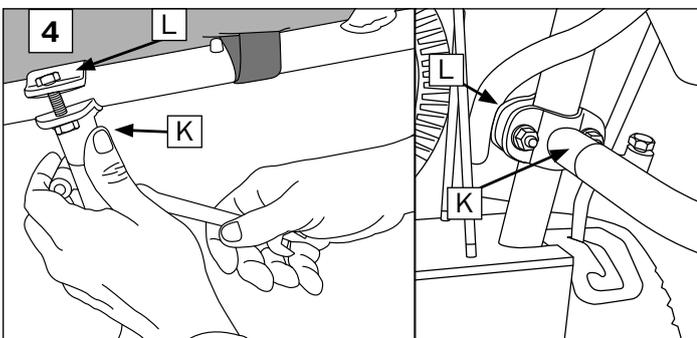


1. Locate the holes in the machine.  
Tip: Dropping the handlebars on the machine may make it easier to align the holes.

2. Align the holes in the support bracket [X] with the holes on the machine.

3. Mount by using the 8 mm hex bolt [BB] on the top hole with split washer [CC] and the 10 mm hex bolt [Y] on the bottom hole with washers [AA] and Nylock Hex nut [Z] (on other side).

Tighten all bolts. Repeat on the opposite side.



Continue adjusting and tightening the mounting post brackets [K] and [L] on the machine and on the cab. Keep adjusting until bottom of the cab is level with the ground and that it looks centered.  
Adjust for best visibility, weather protection and headroom.

# Step 8

## TIGHTEN ALL BOLTS

**CAUTION:** No part of the fabric cab skin should touch the engine or exhaust system of your snow thrower.  
Adjust for best visibility, weather protection and headroom.

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## Care and Maintenance

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### **STORAGE**

Store in a clean dry place. Never store a wet cab in an enclosed area as it can develop mildew. Avoid folding the plastic windows of the cab for long periods.

### **BOLTS**

Check all bolts before each use to see that they are tight. If one or more bolts come loose, failure of cab parts may occur.

### **WINDOWS**

Don't clean the plastic windows when they are dry—you can scratch them. Hose them with water and rub them with your bare hands. Liquid soap may be used. During freezing weather an automotive windshield cleaner and a soft cloth will work (don't use your bare hands with the cleaner). Fabric areas of the cab may be washed with a rag. DO NOT use soap or detergent as it may remove protective coatings added by the factory.

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## Contact Information

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### **Ariens**

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ariensco.com

### **Gravely**

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