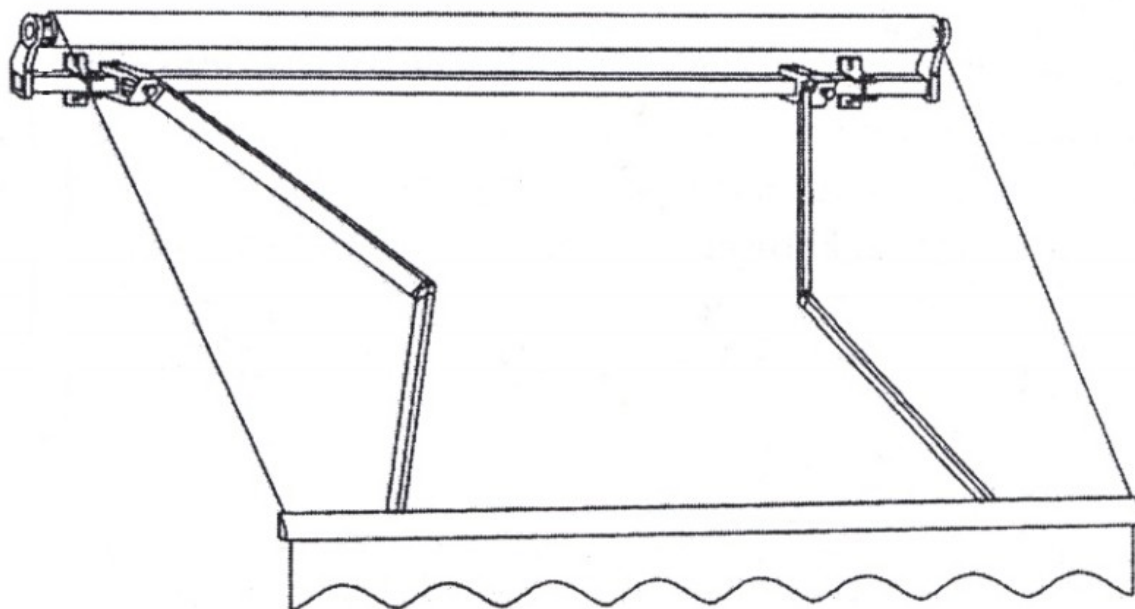


# INSTRUCTION MANUAL

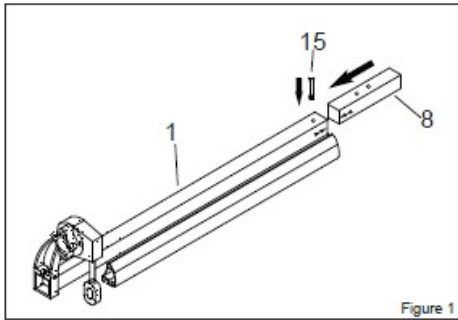


# PARTS LISTS

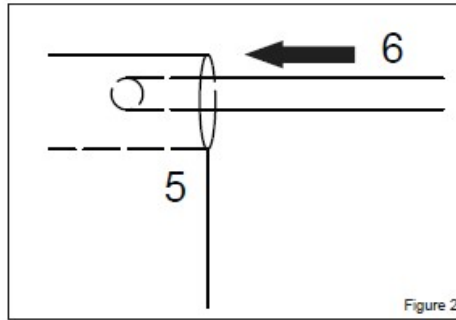
			<p>1.Awning frame A (with gear box) X 1set</p>
			<p>2.Awning frame B X 1set</p>
			<p>3.Fabric tube A (with square idler) X 1pcs</p>
			<p>4.Fabric tube B (with round idler) X 1pcs</p>
			<p>5. Fabric X 1 set</p>
<p>6.Plastic piping X 3pcs</p>	<p>7.Front bar connector X 1pcs</p>	<p>8.Square bar connector X 1pcs</p>	
<p>9.Fabric tube connector X 1pcs</p>	<p>10. Fabric Fixer x4PCS</p>	<p>11.Wall bracket X 3pcs</p>	
<p>12.Expansion Bolt X 4PCS (6pcs for 3.5 and 4m)</p>	<p>13.Safety bolt x2sets(3sets for 3.5 and 4m)</p>	<p>14.Hand-crank X 1pcs</p>	
<p>15. M4×16mm Screw ×12PCS</p>	<p>16.Manual</p>	<p>17. End Cap of Front Bar×1Pair</p>	

# Awning assembly steps

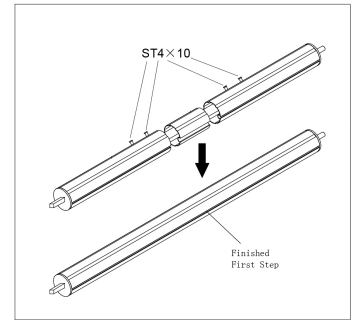
**WARNING:** DO NOT REMOVE THE SAFETY SLEEVES FROM THE ARMS UNTIL INSTRUCTED TO DO SO.



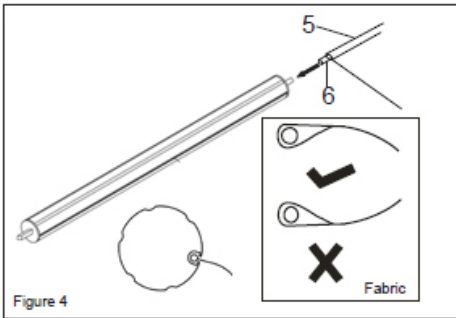
**Step 1:** Insert the square bar connector(8) into the square bar on awning frame A (with gear box)(1), fasten them with two M4X16 screw(15)



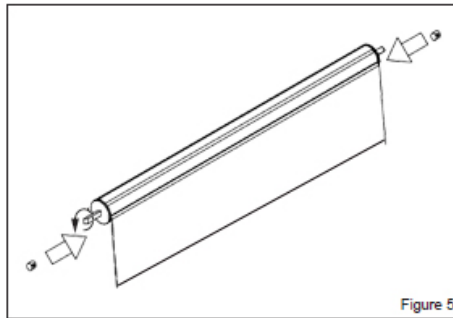
**Step 2:** Put the plastic pipings (6) into the two tunnels on each side of fabric (5).



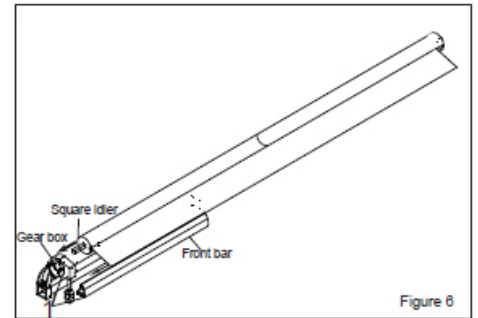
**Step 3:** Put fabric tube connector (9) into Fabric tube A (with square idler) (3) and fasten them with two M4X16 screw(15).



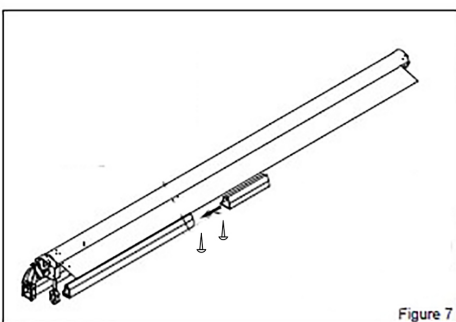
**Step 4:** Insert one side of fabric into the fabric tube A (with square idler)(3). Please notice the fabric side as picture showed.



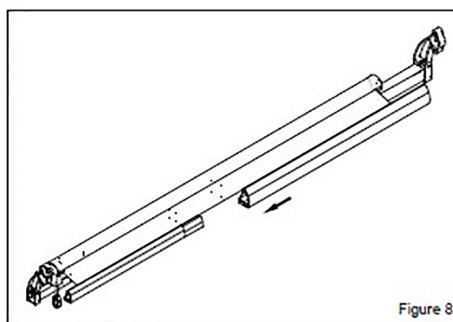
**Step 5:** Insert the left fabric into Fabric tube B (with round idler) (4), then connect Fabric tube B (with round idler) with fabric tube connector(4&9) and fasten them with two M4X16 screw(15). After that roll counterclockwise the fabric tightly



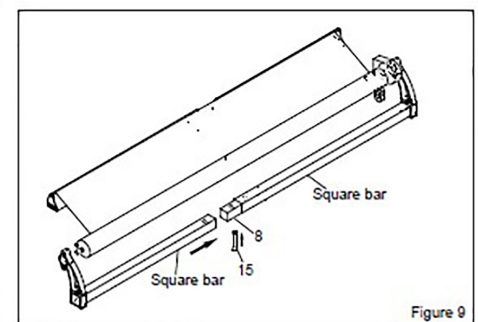
**Step 6:** Insert another side of the fabric bar on Awning frame A (with gear box) (1), put the square idler (3) into gear box.



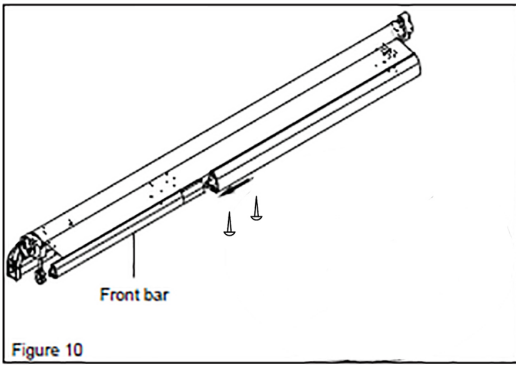
**Step 7:** Put the front bar fastener(10) into the tunnel of front bar on Awning frame A (with gear box)(1). Put the front bar connector (7) into front bar.



**Step 8:** Insert the left fabric into another part of front Bar. And Connect the two square bars with the square bar connector (8) synchronously.

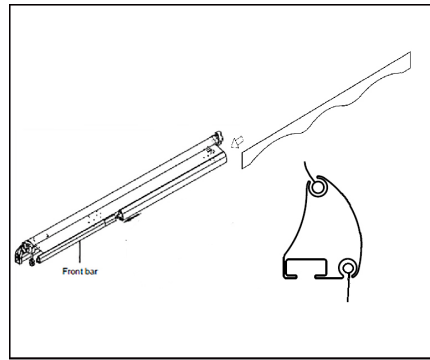


**Step 9:** Fasten the bolts.

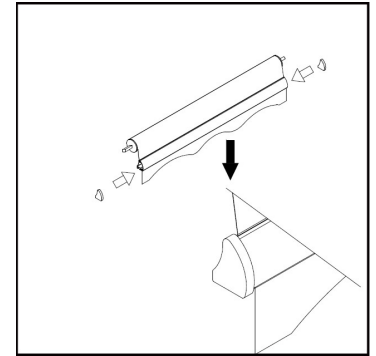


**Step 10:** Tighten the front bar with the fastener.

*Note:* You could adjust the position of the two locking screws on two sides according to the fabric size, make sure they are closing to fabric ends, to prevent the fabric moving.

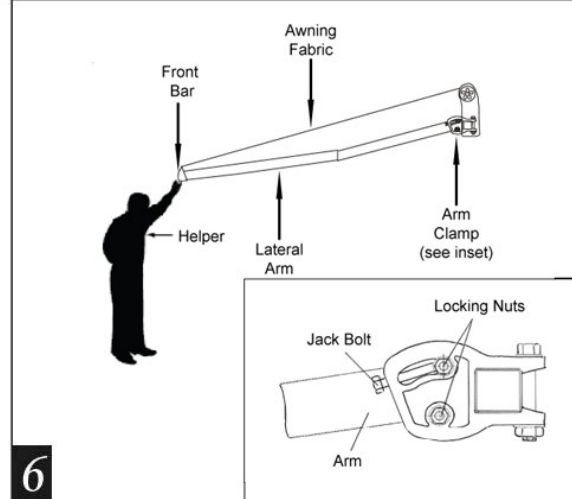
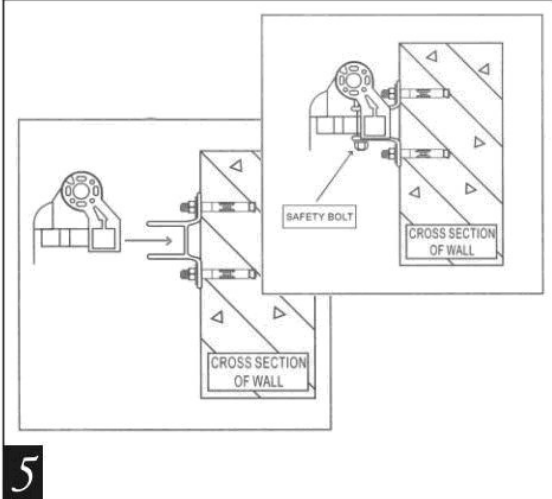
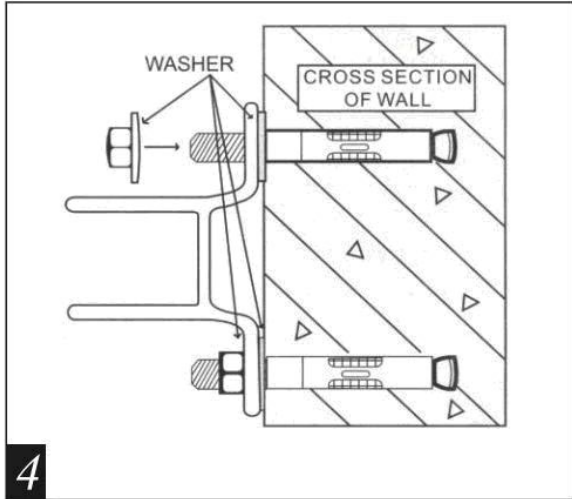
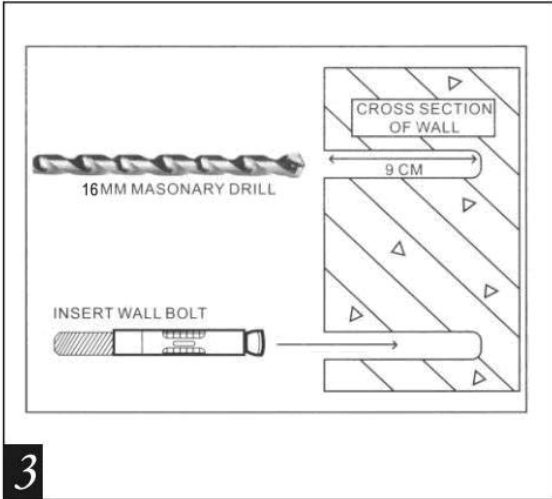
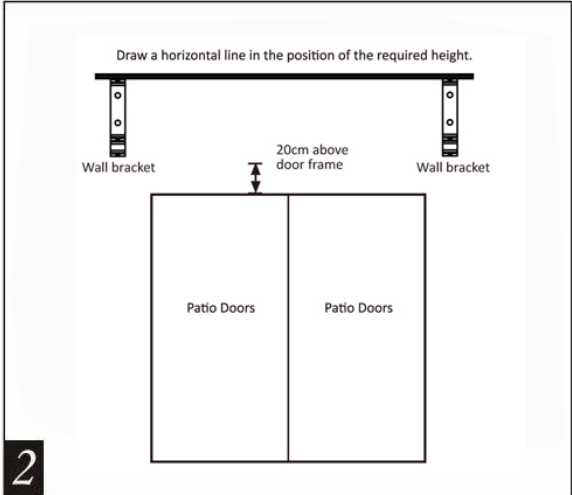
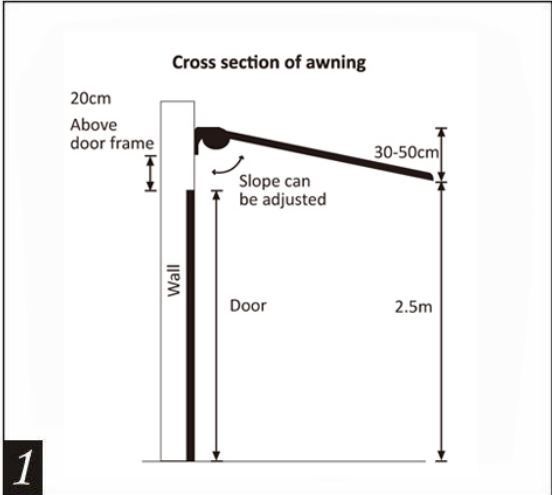


**Step 11:** Insert the valance in to the fabri tube of front bar.



**Step 12:** Insert the front bar end cap (17) on the two end of front bar.

# INSTALLATION



**Step 1: Unboxing.**

Carefully remove the awning from the box and remove the styrofoam protectors from the awning, remove the plastic bags and plastic guards from the awning and carefully place the awning aside to avoid having it damaged by scratches or otherwise damaged or soiled during assembly.

Think about how you will be securing the awning to the wall ahead of time. In case you would like to mount it above a patio door, you should leave a space of at least 8 inches (20cm) above the door frame. If there is enough space available above the door frame.

The approximate total drop area of the awning is around 12-20 inches (30-50 cm),

Ensure that you also take this drop height into account in your decision on where to install the awning.

The drop angle can and may only be changed minimally.

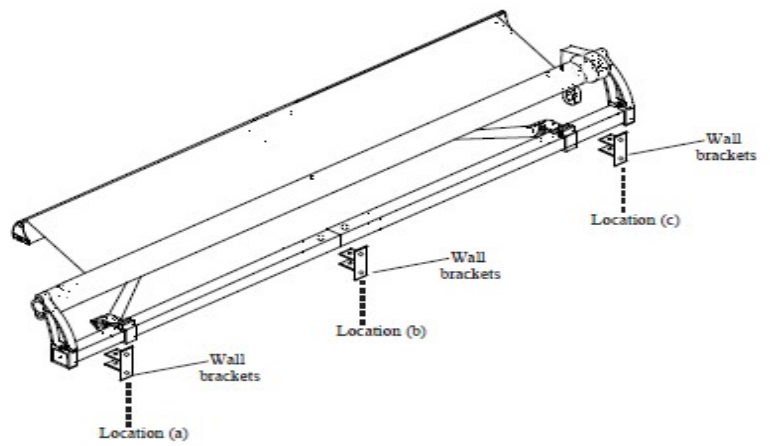
Picture **1**: it shows the drop still be changed after assembly. The ideal drop angle, however, has already been set in the factory of the awning when it is fully extended. (Total drop, height of front bar more than 8 Feet ( $\geq 2.5$  meters), cross section of the wall, bracket height).

**Step 2: Location of the wall brackets**

Location (a) - Between the right end of the awning and the right Arm. (facing the awning) on the fabric tube.

Location (b) - In the middle of the square bar, cover the seam of the connection.

Location (c) - Between the left end of the awning and the left Arm.



Measure the width of the awning with a ruler and note the positions of wall brackets.


Picture **2**: Draw a horizontal line at the height of the required areas as illustrated in the image and use a long ruler, a level and chalk for this purpose. Mark the corresponding places on the wall by running a pencil through the holes at the bottom of the brackets.

**CAUTION:** PROPER LOCATION OF THE BRACKETS IS THE MOST IMPORTANT ASPECT OF THE AWNING INSTALLATION. IT IS CRITICAL THAT YOU FASTEN ALL THE MOUNTING BRACKETS TO STUDS, JOISTS, HEADERS OR OTHER MAJOR STRUCTURAL COMPONENTS.

**WARNING:** FAILURE TO SECURELY FASTEN ALL THE BRACKETS TO THE WALL COULD RESULT IN THE COLLAPSE OF THE AWNING AND CAUSE PERSONAL INJURY OR DEATH..

**Step 3: Drill the holes.**

Use a 16 mm masonry drill bit to drill the holes for the brackets at the appropriate marks on the wall.


Picture  : The holes should be 4 inches (9cm) deep in the wall and must be drilled through solid brick or concrete. Do not drill through mortar because this does not offer the support that is required for the awning.

**Installation on timber houses and sheds:**

The awning can also be installed on timber houses if their walls can carry the weight of the awning. In this case, ensure the brackets are firmly secured to the outside of solid wooden beams.

The anchor bolts from the delivered package are not suitable for mounting the awning to wooden beams. Instead buy carriage bolts of adequate length and of an appropriate diameter and secure the awning with them.

**Step 4: Attachment brackets for wall:**


Picture  : After inserting the wall bolt, add the washers and then the wall brackets. Now place the washers on the bolt head and firmly tighten the 19mm nuts.



**Note:**

1. It may be necessary to drive the anchor bolts in with a wooden mallet because they do not go in easily. Do not use a metal hammer for this purpose because this could damage the threads on the top of the bolts.
2. If the bolts need to be driven into the wall with a hammer, we recommend initially placing the nut on the screw loosely (only placing it loosely on the bolt) because this avoids damaging to the bolt threads.
3. Firmly tighten the bolts with a 19mm hex key: it is best to use a hex key with a closed end rather than an open end because this will avoid damaging to the nut if it should slip.
4. As soon as they are fully inserted, the brackets must sit firmly in the wall. If they are still moving in some direction you must further tighten it.
5. Do not try to secure the wall brackets to loose wall stones or any surfaces that are not absolutely firm.
6. Ensure that the wall brackets are screwed firmly to the wall, so that they can in no case tear out when the awning is being installed.

**Step 5: Now your awning can be secured to the wall brackets.**

Picture : At least two ladders or chairs are required to install the awning in order to obtain the required height. Ensure that the ladders or chairs are firmly stay on the ground so that you can't fall.

Use ladders that are suitable for such assembly work.



**Note:**

In case the pole(wall bar) can't be inserted into the wall brackets, you should slightly loosen the wall brackets screws and then try it again.

This time, move the awning slightly forward and backward until the pole slips into the brackets.

Then immediately insert the safety bolts on the front side of the wall brackets and tighten the nuts with a 19mm hex key. Ensure that the safety bolts for the wall brackets have been tightly secured.



**Note:** Now you could remove the safety sleeves from the arms.

**Step 6: Changing the Pitch**

There is one final adjustment you might need to make. It is setting the pitch or angle of your awning. Fully open the awning.

Are you happy with the height and level of the front bar? If so, great!

**You are done with the installation. Relax, and enjoy your awning.**

If not, you can adjust the pitch or angle of each arm separately.

1. Fully open the awning using your crank or remote transmitter on motorized awning, unplug the power cord from the outlet after opening the awning.
2. Using 17mm wrench to loosen the two locking nuts on the side, then use 14mm wrench to loose the jack bolt on the arm shoulder.

--See figure 6

**WARNING: RAISING THE FRONT BAR WILL REDUCE THE PITCH (ANGLE) OF THE FABRIC THUS INCREASING THE RISK OF RAIN WATER POOLING ON THE FABRIC.**

**TO PREVENT THE AWNING FROM COLLAPSING DUE TO RAIN WATER LOAD, YOU MUST RETRACT THE AWNING WHEN UNATTENDED. FAILURE TO DO SO COULD RESULT IN PERSONAL INJURY.**

*If you have any questions about installation or if you require spare parts, please contact your dealer.*



**BE SURE TO NOTE.**

The awning's gear box does not have stop limits of the roller revolutions. Therefore, to avoid damaging of the fabric, it must always be properly roller up. The fabric should be stretched tightly.

**ANY QUESTION OF MOTORIZED OPERATION OR WIND-SUN SENSOR,  
PLEASE REFER TO THE INSTRUCTION BELOW.**