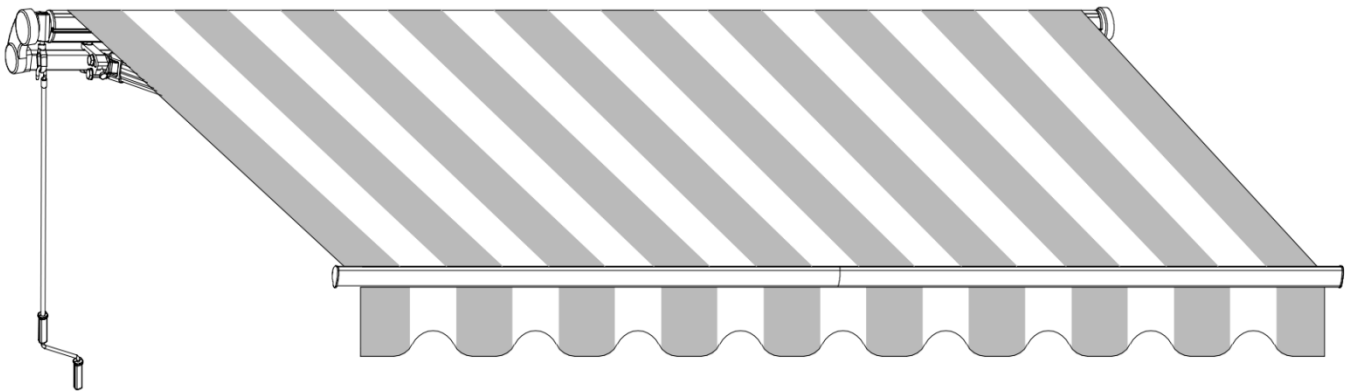


ECKMAN

EKAWN01/02/03/04 Retractable Awnings Instructions for Installation And Operation 2.5x2M & 3.5x2M



WARNING! DO NOT REMOVE THE CLOTH BINDINGS HOLDING THE TWO EXTENSION ARMS UNTIL FULLY ASSEMBLED. THESE ARE SPRING-LOADED AND CAN CAUSE SERIOUS INJURY IF ALLOWED TO SPRING FREE. FOLLOW ALL INSTRUCTIONS CAREFULLY.

PLEASE READ AND SAVE THE INSTRUCTION MANUAL FOR FUTURE REFERENCE

Any questions please call the Eckman helpline on: 0844 441 3011 or go to www.eckman.co.uk

Warning

PLEASE READ AND ADHERE TO THE WARNINGS BELOW:

Symbol explanation:



Means it is forbidden



Means important



Never install it in high and windy places.



Don't install it in places that have high vibrations that may loosen the wall fixings.



Keep naked flames or appliances producing high temperatures well away.



Remove heavy snow if not already retracted, then retract.



Never use in heavy rain and high winds. Fully retract if these conditions persist.



Never use it for other purposes.



Be careful with your fingers during installation.




Two adults are needed to move and install the awning. Check and lubricate moving parts each season.




Please tighten all the screws and nuts correctly during installation.





Fully assemble **BEFORE** REMOVING SPRUNG ARM BINDINGS.


 **The awnings are intended as a protection against the sun only.** It is not to be used during periods of strong wind, rain, hail, or snow. In case of such conditions, retract the awning immediately.

 **Never allow children to play with the awning.**

 **Be sure the fabric is tensioned.** If the fabric is not tensioned during extension, please turn counter-clockwise until the fabric is tensioned.

 **Do not put any objects or parts of your body e. g. hands, in the awning while extending and retracting. Hazard of crush!**

 When the front bar touches the roller as shown in following figure during retraction, don't try to make them closer, otherwise the product might be damaged.

 Take out the crank handle from loop after adjusting the awning as required and put it in a place that is not reachable by children.

Maintenance

Regular maintenance will not only help to keep a long durability but is also important for your own and the safety of other people.

- ◆ Examine regularly if wall brackets are tight, fasten them if slack.
- ◆ Examine the gear box every 6 months. If you find any damage stop using the awning until the gear box has been repaired or renewed.
- ◆ Examine the bolts and nuts once in half a year, fasten them if loose or slack.
- ◆ Stop using the awning immediately if it has been damaged or it is not tightening properly.
- ◆ Do not use detergents to clean the awning material.

SPECIFICATIONS:

CANOPY:

280g/m² polyester PU coated for water resistance and UV50+ for colour fastness. EU Class 5.

FRAME:

60cm diameter aluminium Roller. 35 x 35mm Steel Torsion Bar. 39 x 47mm aluminium Front Bar. 58x29mm / 48 x 21mm aluminium Arms. All white powder-coated (except roller).

CE APPROVED.

TOOLS REQUIRED:

Hexagon Wrench (Allen Key) 5mm (H5)

17mm Socket Wrench / Spanner. Spirit or Laser Level. Tape Measure.

14mm Masonry Drill Bit and Drill. Wooden or rubber mallet or normal hammer with a wooden block.



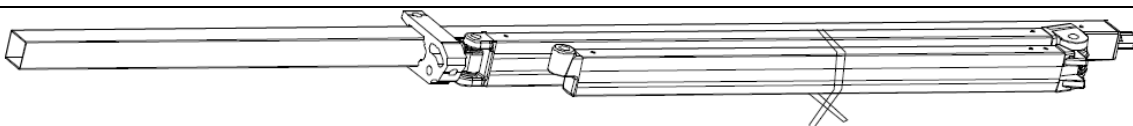
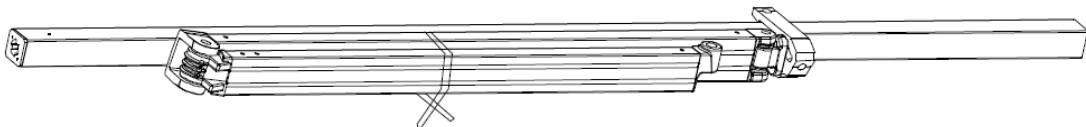







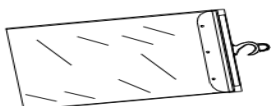

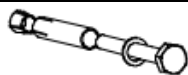




GUARANTEE:

2-YEARS FROM DATE OF PURCHASE FROM NEW.

Please note: No deviation to these instructions must be made when assembling and installing. Do not install on a wooden wall. Do not drill fixing holes for the expanding sleeves into a wall larger than 13mm.

Your statutory rights remain unaffected. Imported by Eckman Ltd. London.

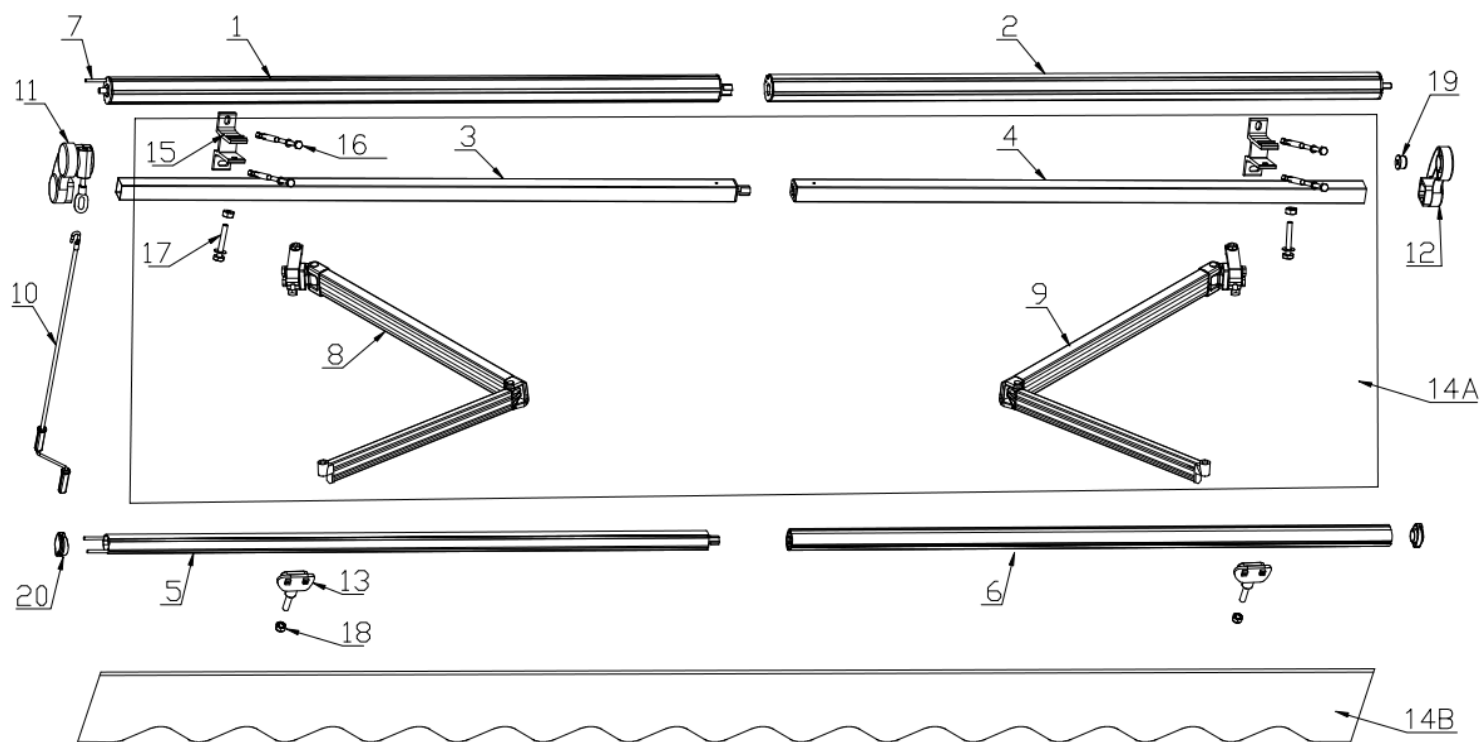
List of the parts

Number	picture			quantity	
1				1	
2				1	
3				1	
4				1	
5				1	
6				1	
7				3	
Number	picture	quantity	Number	picture	quantity
8		1	9		1
10		1	11		1
12		1	13		2
14		1	15		2
16		4	17		2
18		2			

PLEASE NOTE:

3 X WALL BRACKETS (Part Number 13) are supplied with the 3.5m long awning. The 3rd bracket must be mounted at the centre (where the torsion bars fit together).

Description of Awning



1. Roller(left)

2. Roller(right)

3. Torsion bar (left)

4. Torsion bar(right)

5. Front bar(left)

6. Front bar(right)

7. Fabric line

8. Arm(left)

9. Arm(right)

10. Hand Crank

11. Left roller support with gear box

12. Roller support (right)

13. Front bar wrist support

14A. Fabric

14B. Valance

15. bracket

16. Expansion bolt

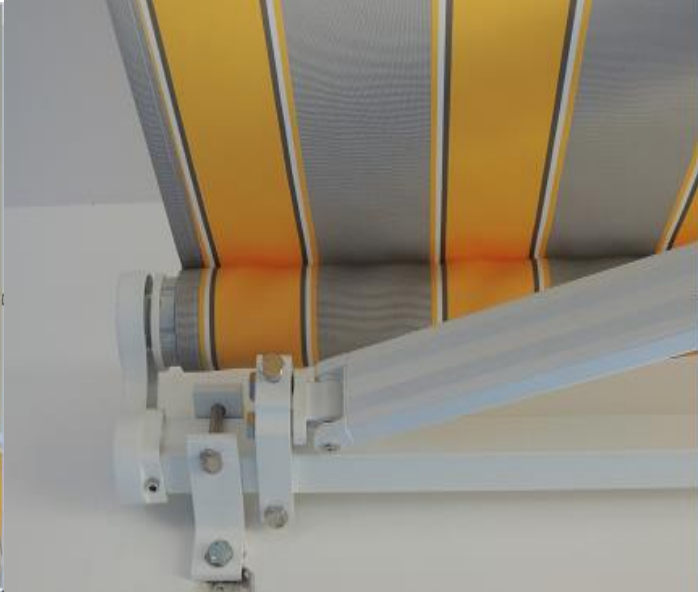
17. hexagon bolt (M10*60)

18. Self-locking nut M10

19. Round calla

20. Cover of front bar

Some Useful Pictures

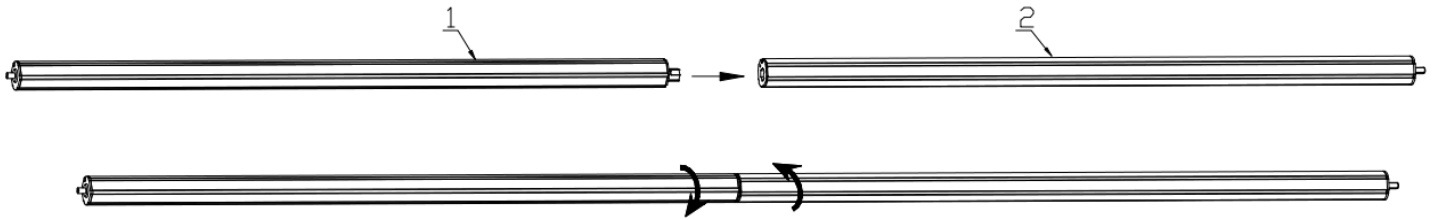


Assembly

Step 1: Roller assembly

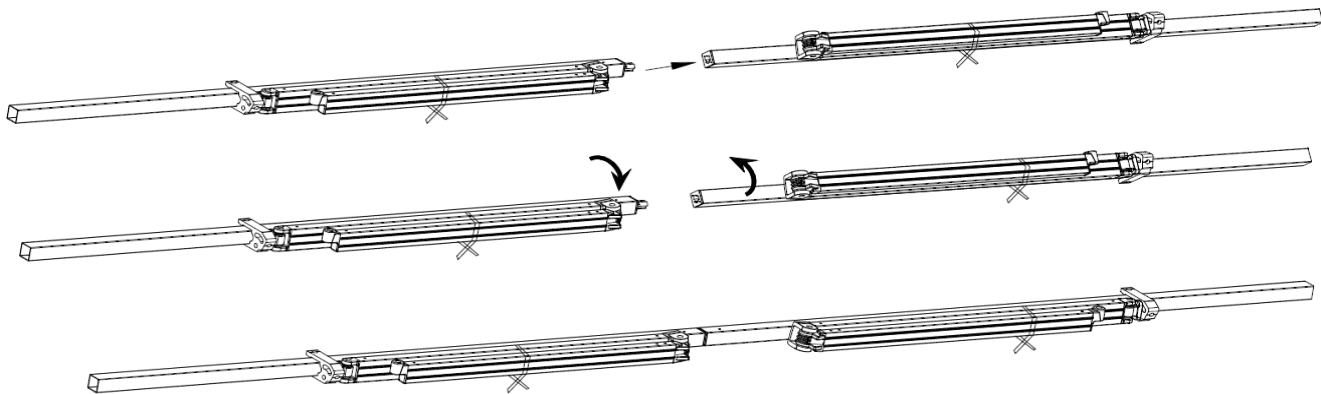
Inset the left roller into the right roller, then rotate roller tightly as picture below. Keep the roller alignment as below:

NOTE: Once assembled, this cannot be disassembled.



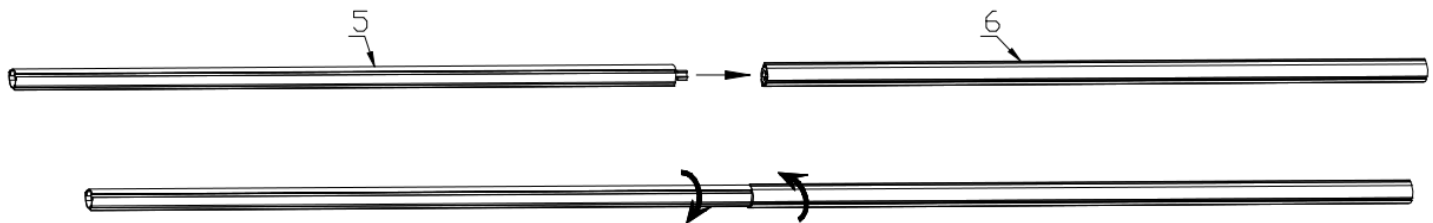
Step 2: Torsion bar assembly:

Connect the front bar, then rotate roller tightly as below picture. You must keep the four face alignment. Pay attention - the two arms must be in the same direction, Do not untie the strapping until the awning is fully assembled and fitted.



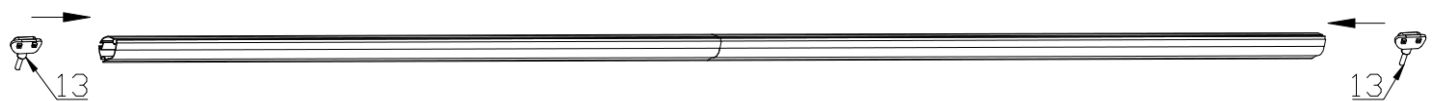
Step3: Front bar assembly

Insert the left front bar into the right front bar, then rotate them as per the pictures below ,Please keep the four face alignment.) as shown below.,



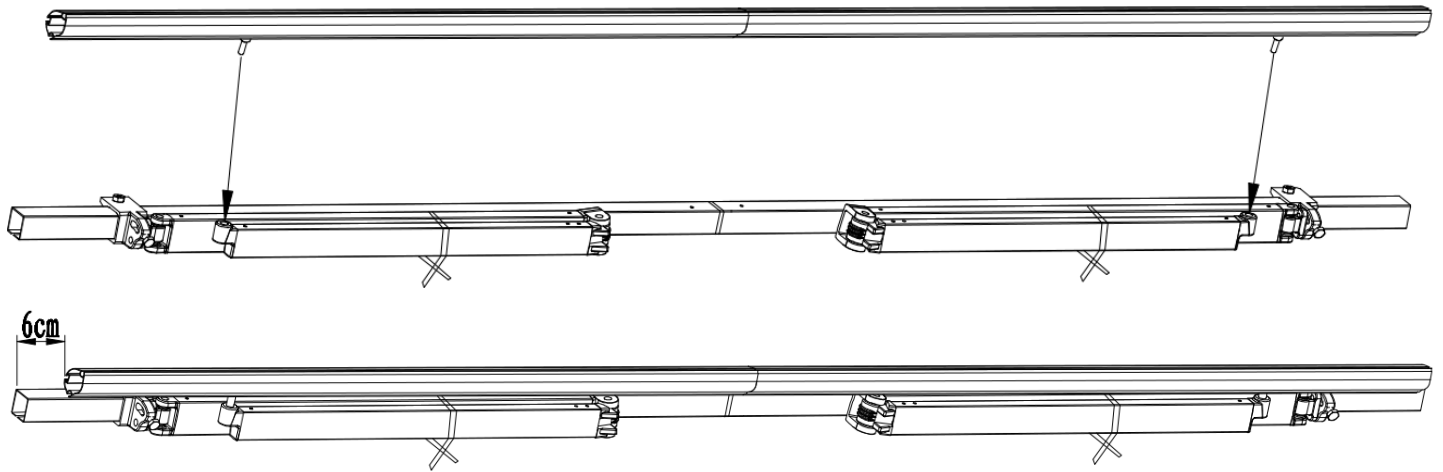
Step 4: Front bar wrist support assembly:

Slide the front bar wrist support into the front bar without tightening as shown in the figure below:



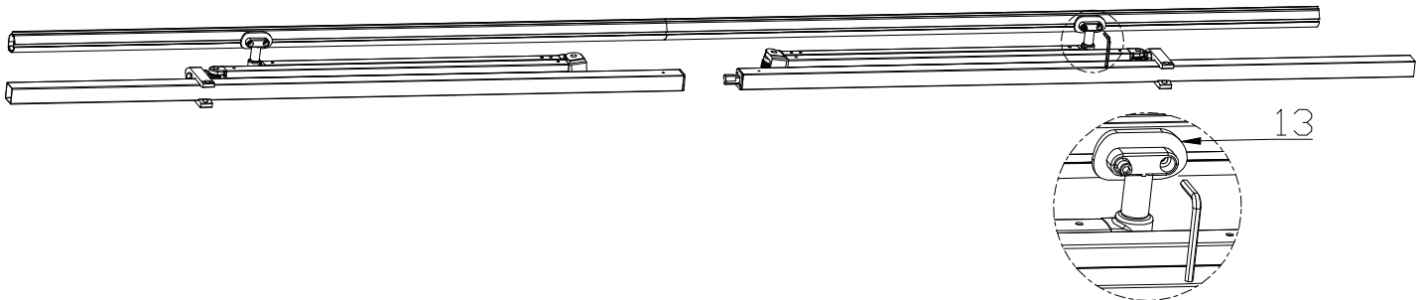
Step 5: Arms with front bar assembly:

Locate the front bar wrist support bolt through the hole of small arm, then position the front bar. **Please note:** positioning dimensions as shown in the figure below:



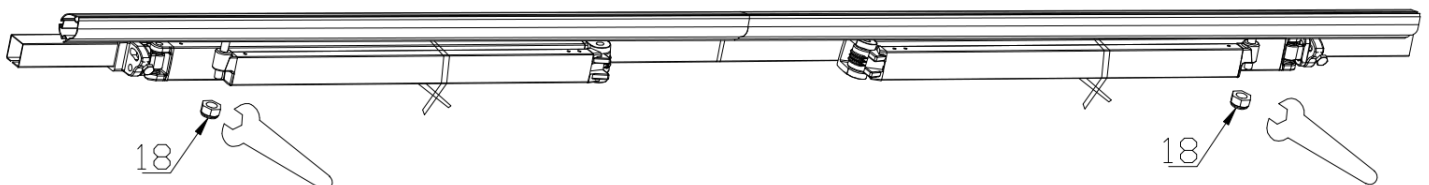
Step 6: Locking the hexagon bolt

After positioning, tighten the hexagon bolt on the back of the front bar wrist support with a 5mm Hexagon wrench as shown in the figure below:



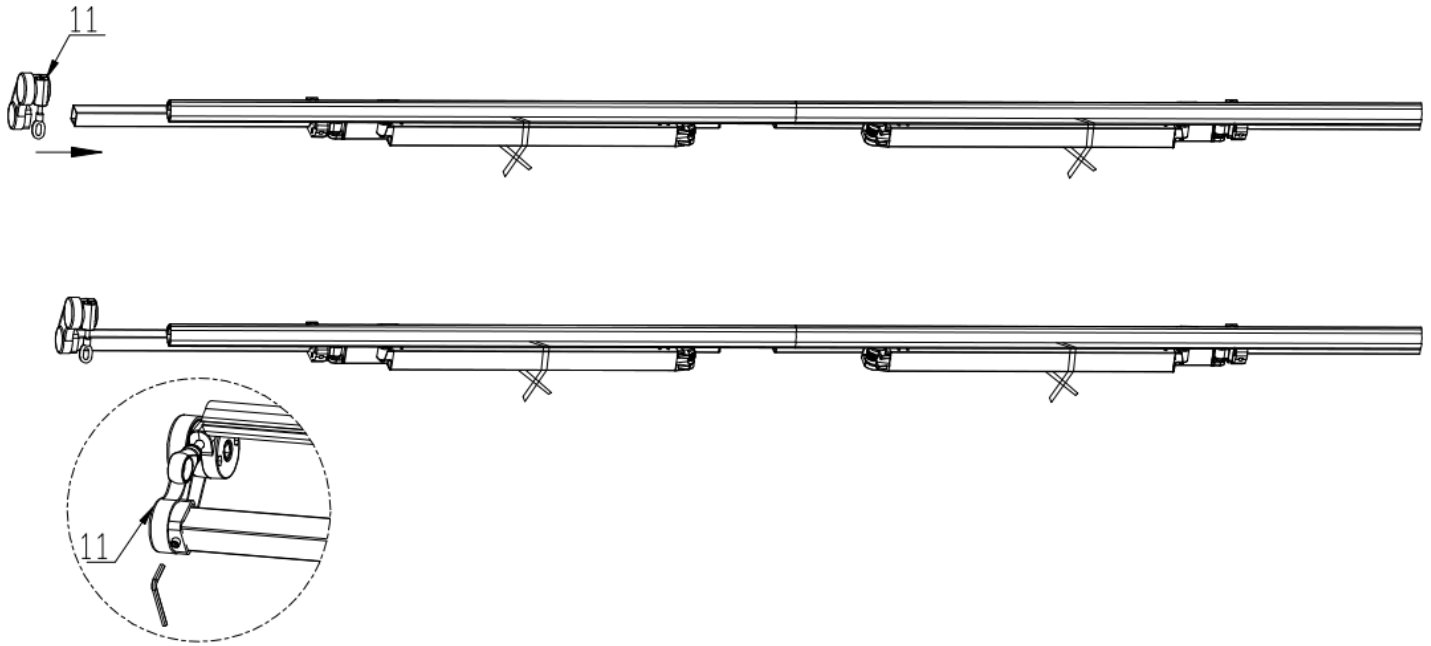
Step 7:

Fasten the self-locking nuts 18 onto the bolt in the front bar foot with a wrench or socket spanner. Do not tighten fully.

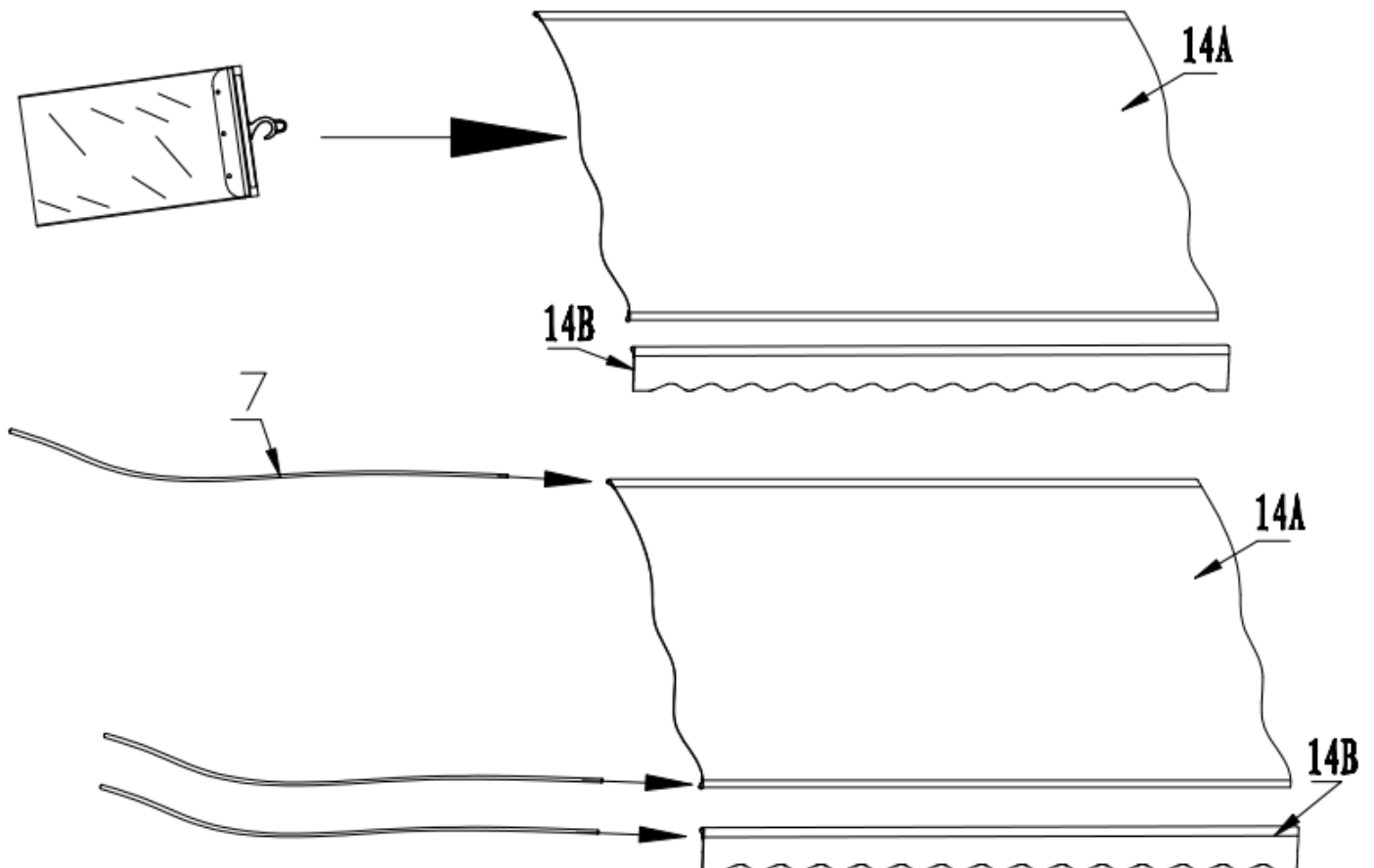


Step 8: Left roller support with gear box assembly:

Hammer the left roller support with gear box into the left end of torsion bar using a rubber or wooden hammer or normal hammer and wooden block., Tighten the left hexagon bolt with a 5mm Hexagon wrench as shown in the figure below:

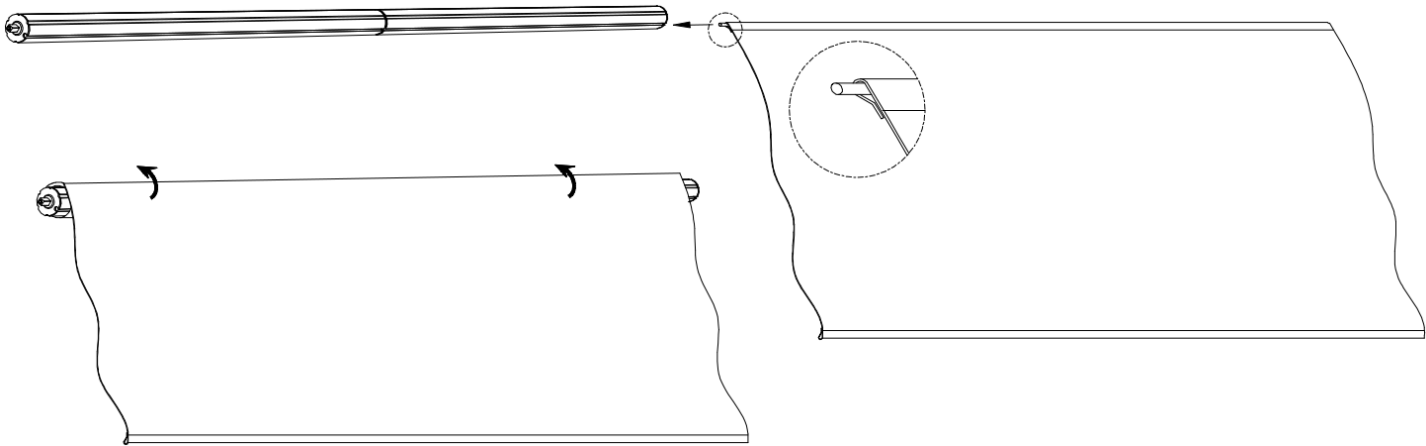
**Step 9: Fabric and valance assembly:**

Open the fabric bag, Spread out both fabric 14A and valance14. Thread the fabric liner fabric7 line through the fabric 14A and valance14B. as shown in the figure below:



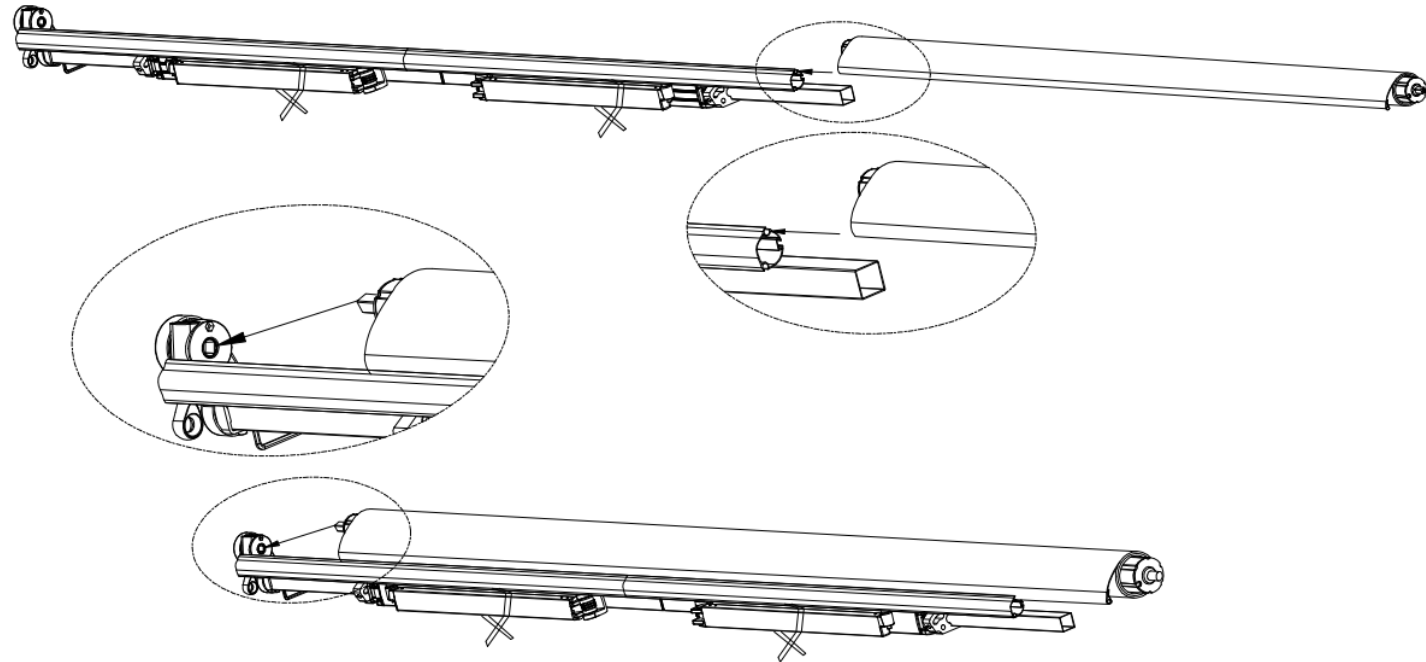
Step 10: Roll in the fabric on the roller

Roll the fabric onto the roller. Make sure the fabric is rolled on in the correct direction. See illustrations below:



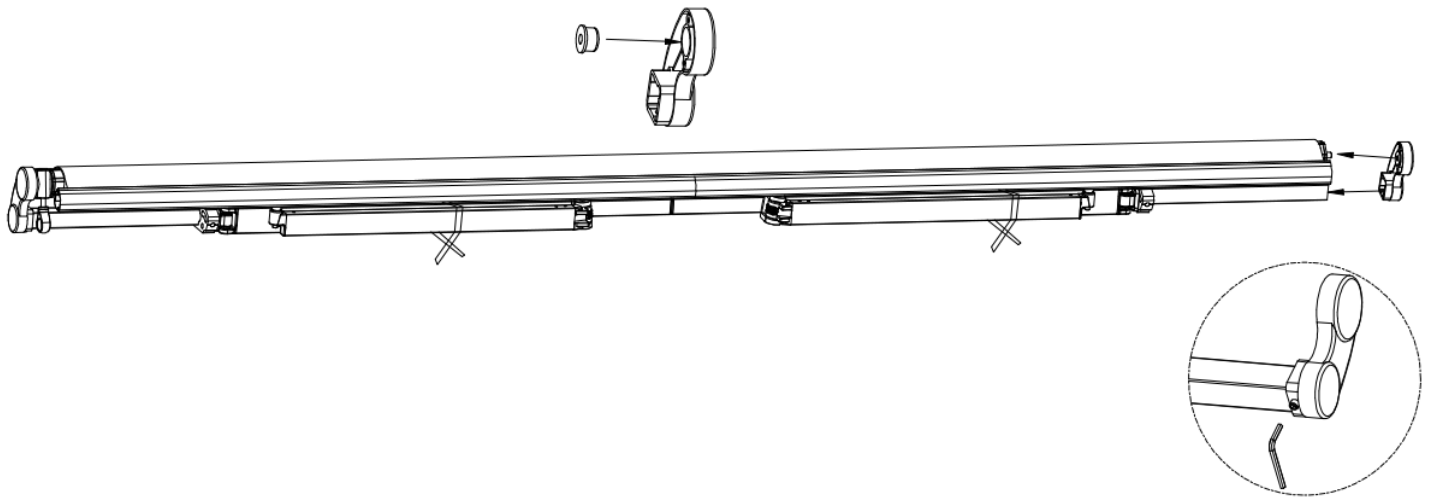
Step 11:

Push one end of the fabric through the groove in the front bar. After pulling through all the fabric, spread it out evenly, then insert the roller shaft into the square hole of the gear case as shown in the figure below,

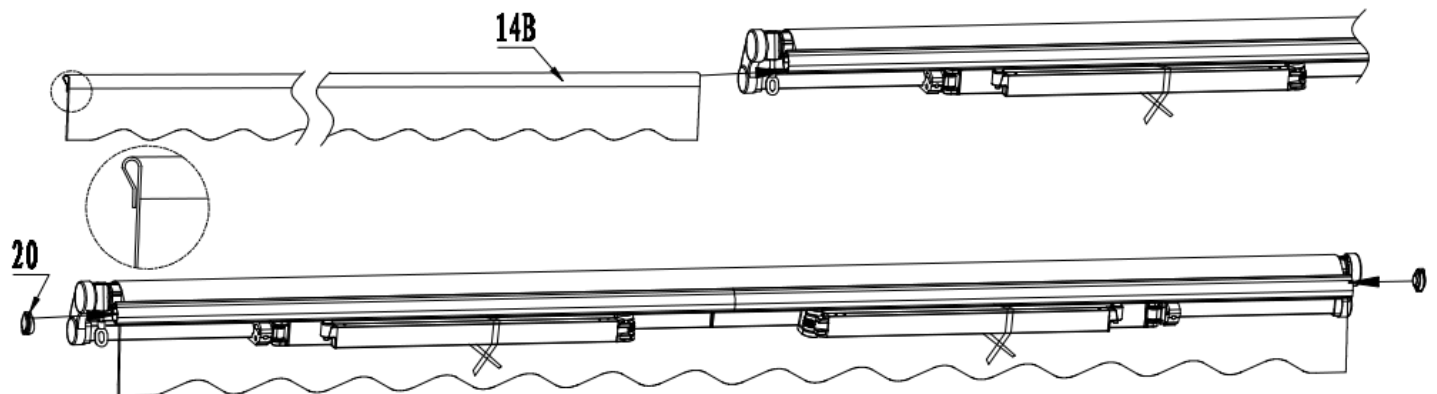


Step 12: Right roller support assembly:

Locate the round collar of the roller into the right roller support, then insert the shaft of the roller into roll caller. Insert the torsion bar into the right roller supports with a wooden or rubber mallet. Then tighten the right hexagon bolt using a 5mm Hexagon wrench as shown in the figure below:

**Step 13: Final Assembly.**

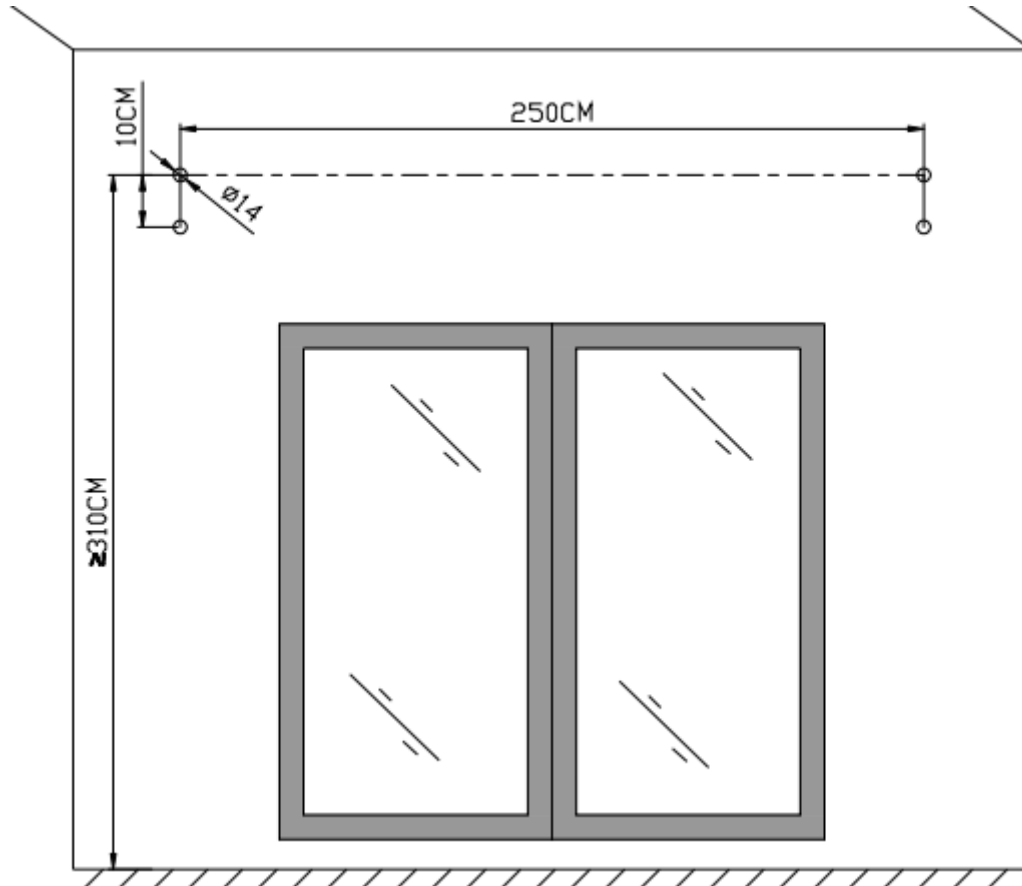
Slide the valance through groove of the front bar making sure the direction is as shown below. Make sure left and right sides split. Push the front bar covers into the front bar into end of front bar as shown in the figure below:



Installation procedure:

Step 1: Draw lines on the wall

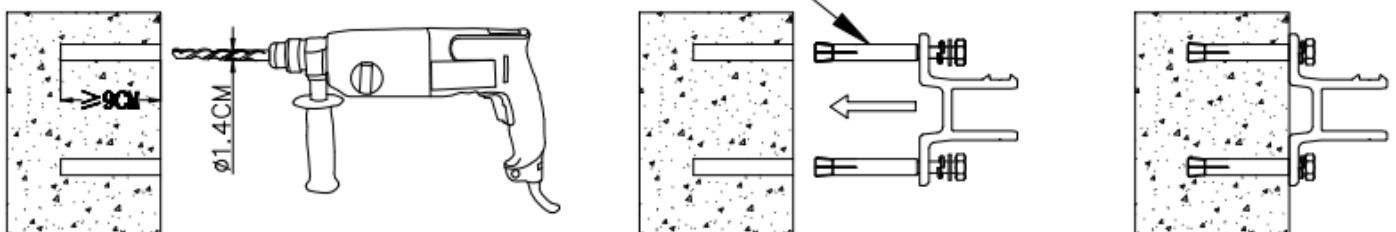
The solid wall should be equal or greater than 310mm in depth. Choose the position, then draw up the position of the bolt holes with a pencil as the picture below. Make sure the holes of each group are the same, both horizontally and vertically as shown in the figure below. Use a spirit level or laser level if you have one.



Step 2. Installing the brackets

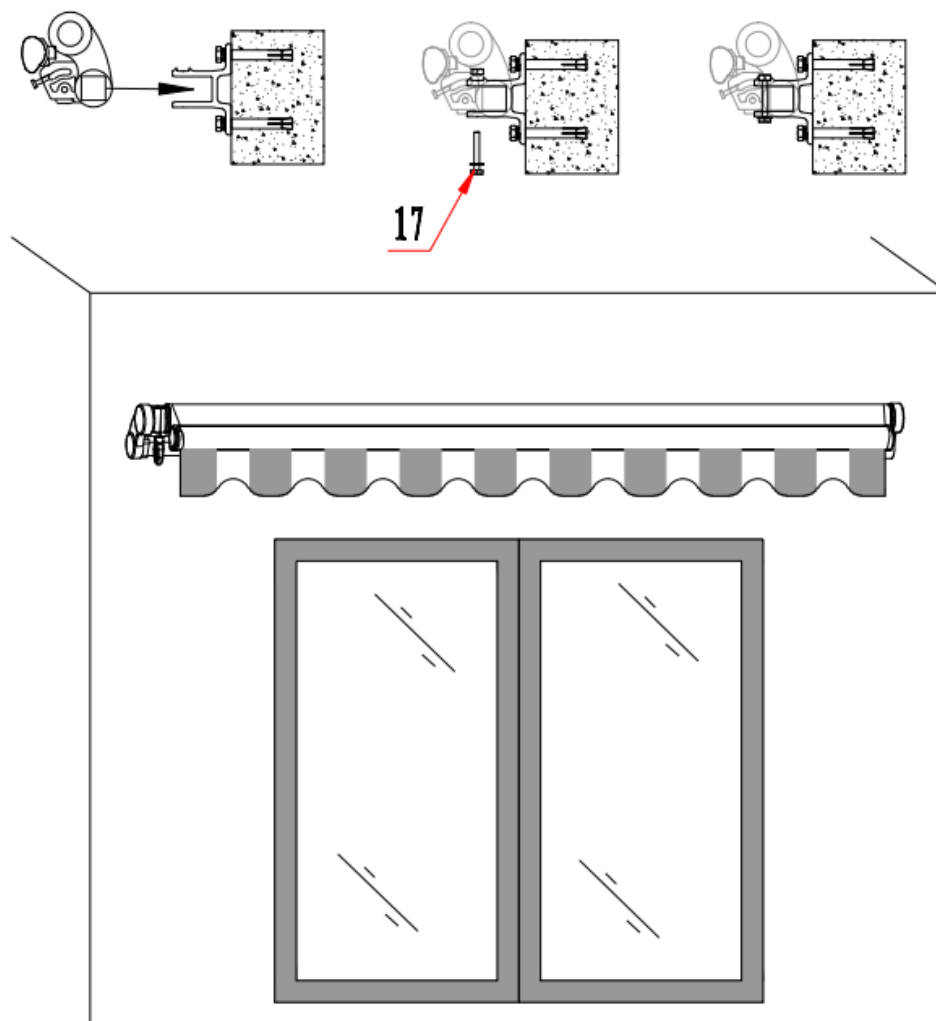
Drill the holes according to the line which was draw up in step 1 using a 14mm masonry drill bit. The depth of the hole should not be less than 9cm. Unscrew the bolt from the expansion sleeve, push the bolt through the bracket and then re-fit the sleeve and expanding retainer nut on the other side of the bracket. Knock the whole assembly into the hole and when **fully located**, tighten with a wrench . Please see illustrations below.

16



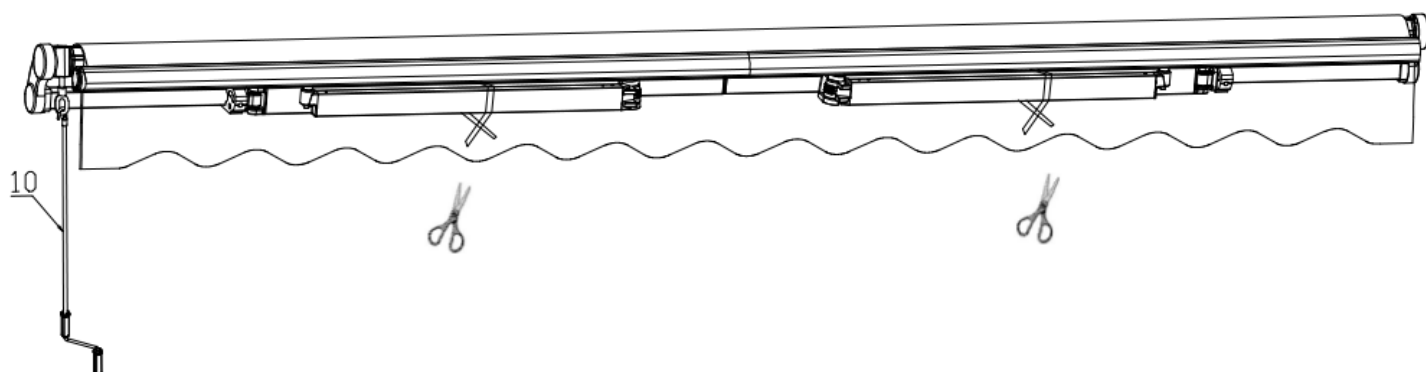
Step 3: Installing the awning:

Install the awning into the brackets, and fasten the bolts (17) through the brackets. Fit the nut and tighten firmly.



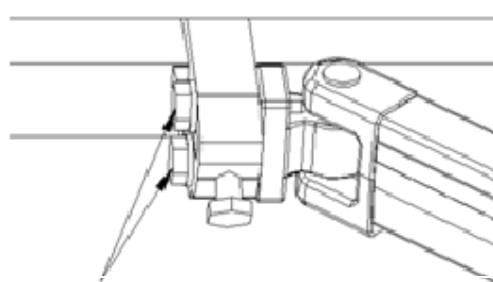
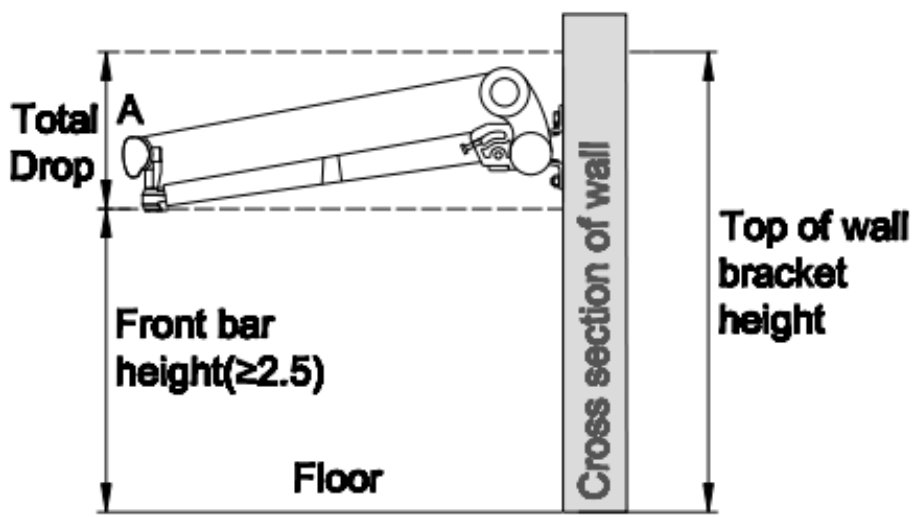
Step 4: Opening the arms

After locking the awning, please close the awning using the hand crank 10 and then cut the strings holding the arms as shown below:

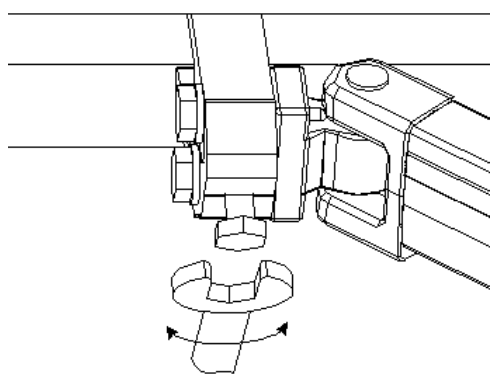


Step 5: Adjusting the pitch (angle) of the front bar

Open the awning totally, and check whether the horizontal and level of the front bar needs to be adjusted. Please note that the height between ground and front bar should not be less than 2.5m. If not, please adjust the arm pitch as shown below.



Loosen the bolts firstly



Step 6: Using the awning

The awning can be operated normally when you've finished adjusting the horizontal of the front bar. The shape of the awning fabric should be as below :

