VEVOR®

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RV AWNING

MODEL:B-12、B-13、B-14、B-15、B-16、

B-17、B-18、B-19、B-20、B-21

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NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

IMPORTANT SAFEGUARDS



WARNNING: Read and understand this entire manual before operating or servicing this product. Failure to follow these warnings and instructions can cause personal injury or damage to valuable property.

- It is best to complete the process of assembling the awning with an assistant.When you are on a ladder, please be careful and cautious.
- Installation and disassembly by two people is safer and easier.Please consult your RV owners manual.
- Avoid children using the awning, and this product is not a toy, do not allow children to play with.
- Keep away from sharp points,blades and other items.
- Keep away from open flame. This product will ignite and burn if brought into contact with an open flame.
- This procedure requires working with the roller springs. When
- removed from the arm, the spring is under extreme tension and will unwind quickly. Keep hands and clothing clear while FIRMLY holding the vice grips! Do not try to hold the end plug by hand.
- Make sure all appliances venting under the awning are turned off. Failure to do so may cause a burn mark in the canopy.
- **Installation precautions**

1.Installation only according to these instructions. Improper installation can create hazards.

2.Keep the installation area clean and well lit.

3.Keep bystanders out of the area during assembly.

4.Do not install when tired or when under the influence of alcohol, drugs or medication.

5.Product capabilities apply to properly and completely installed products only.

6. For additional information regarding the parts listed in the following pages, please refer to the accessories package of this manual. Unwrap and separate all parts in a clean work area. Please keep small spare parts out of children's reach.

7.Do not use it near the fire. Use it after it is fully assembled.
8.Do not use excessive force when assembling or storing the product.
9.This product MUST be installed/serviced by a qualified service technician.
10.IMPACT OR CRUSH HAZARD. This product should be installed in a controlled environment(inside). Do NOT install the product during windy conditions or when wind is expected. Otherwise, the product could move unpredictably, become unstable, and could [detach/bend / collapse].

SAVE THESE INSTRUCTIONS

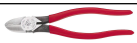
Thank you very much for choosing this RV Awning. Please read all the instructions before using it. The information will help you achieve the best possible results.

INTRODUCTION

This awning (hereinafter referred to as "awning" or "product) is designed and intended for use on RVs with straight sides. For curved sides, please see the separate Hardware List in the Dealer Service Manual for the appropriate mode. This awning can be installed by one person with brief help from additional personnel. Use these instructions to ensure the correct installation function. And operation of product VEVOR Corporation reserves the right to modify appearances and specifications without notice.

Some tools you may need in installation process

A Long Straight Pick	
A Felt-Tip Marker Pens	
A White Masking Tape	
A Vise Grip Plier	
A Pop Rivet Gun	
Aluminum Rivet Assortment	

A Cordless Drill	
A Flat Head Tips Screwdrivers	
A Flat file	
A Silicone Spray	
Clear Silicone Sealant	
Caulk Gun	
A Tape Measure	
A Hammer	
A Phillips Head Screwdrivers	
A Diagonal Cutting Plier	
A Utility Knife	
A Couple of Tall Sturdy Ladders	

SPECIFICATIONS

Model	B-12	B-13	B-14	B-15	B-16
Suitable for awning shaft length(ft)	12	13	14	15	16
Length (mm)	3400	3710	4090	4320	4630
Wide (mm)	2620	2620	2620	2620	2620
Color	Blue fade	Blue fade	Blue fade	Blue fade	Blue fade
UV protection	UPF50+	UPF50+	UPF50+	UPF50+	UPF50+
Waterproof	3000mm water pressure	3000mm water pressure	3000mm water pressure	3000mm water pressure	3000mm water pressure
Net Weight (kg)	5	5.35	5.9	6.25	6.7

Model	B-17	B-18	B-19	B-20	B-21
Suitable for awning shaft length(ft)	17	18	19	20	21
Length (mm)	4940	5230	5560	5840	6150
Wide (mm)	2620	2620	2620	2620	2620
Color	Blue fade	Blue fade	Blue fade	Blue fade	Blue fade
UV protection	UPF50+	UPF50+	UPF50+	UPF50+	UPF50+
Waterproof	3000mm water pressure	3000mm water pressure	3000mm water pressure	3000mm water pressure	3000mm water pressure
Net Weight (kg)	7.2	7.55	8.05	8.45	9.5

Accessories package

No	Components	Picture	Q'ty
1	**Awning Canvas**		1
2	**Awning Pull Strap**		1

Installation

Caution: Before replacing your awning, please confirm the followings

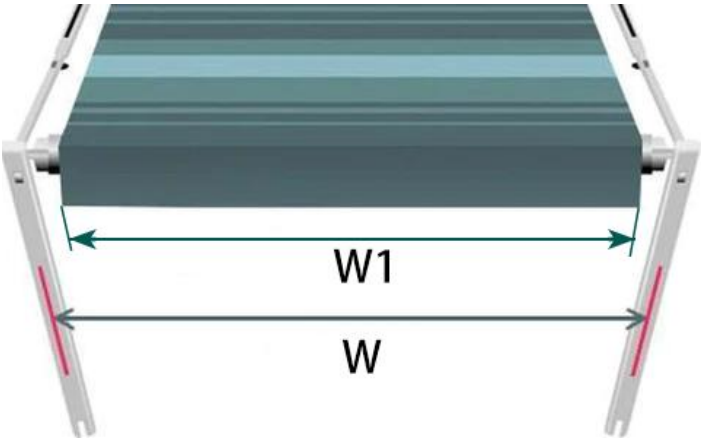
1.Measure awning width correctly.

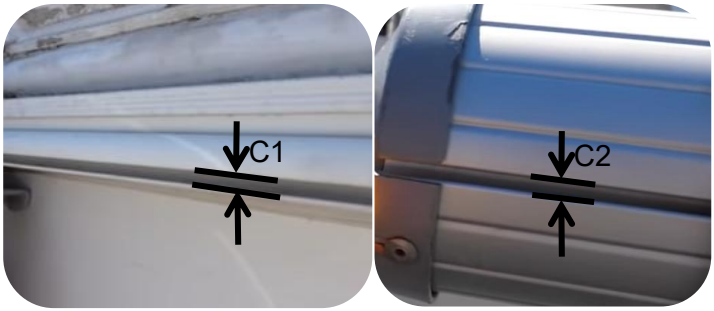
2.Measure the size of the track opening on the RV. **C1** must be 5mm or less, otherwise the fabric cannot be fixed to the track.

3.Measure the size of the track opening on the roller. **C2** must be 4.2mm or less, otherwise the fabric cannot be fixed to the track of the roller.

4.Measure the size of W, if the measurement is 18ft.then an Model B-18 awning is suitable.

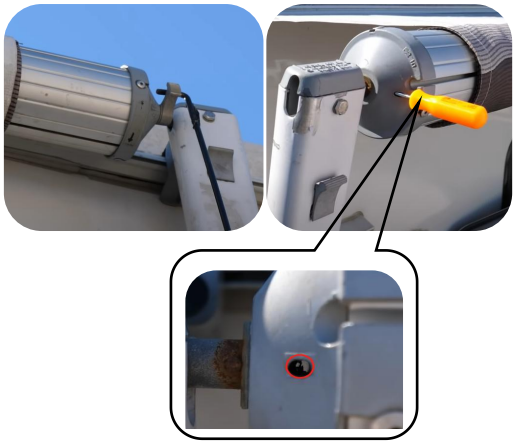
Note that **W** refers to the distance from center of arm to center of arm.
You can also measure the width of your existing awning fabric **W1**





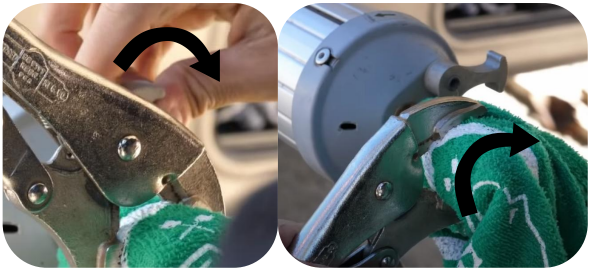
Replace the RV Awning without removing all Awning Hardware.

Step1:Retracting the awning to test the spring tension if it retracts on its own indicate the tensions fine and you don't need to replace a new torsion rod.	

Step2: Open the awning scroll lock on the right.Open the awning slightly on the left side, then insert A Long Straight Pick into the loop shaft end cover hole and through the torsion rod to lock in.	
Step3:Remove the side bolts at the top of the awning.	
Step4:Simultaneous lift both ends of the roller tube.Then flatten the awning down until it drops freely.	
Step5:Wrap a cloth around the left end of the reel as needed to protect the surface of the RV.	

Step6:By placing a rag at the joint of the awning arms and clamping the joint with a vise.	

Step7:Open the awning scroll lock on the right,and then turn the vice in the direction of the spring rotation, noting that we must remember the direction of the vice rotation and the number of turns until the spring is no longer taut, so that we can rewind the spring in the opposite direction with the same number of turns when installing it later.



Step8:Use an cordless drill and drill bit to drill out the 3 rivets fixing the end cover on both sides of the ring shaft	
Step9:Knock out the rest of the rivet with a screwdriver and mark the end tube rivet holes and end caps with a marker pen, so that we can reassemble them in the same location later.	

Step10:Slide the spring mechanism out of the roller tube.Then the two mounting slots at this end of the drum are marked as A and V respectively.	
Step11:It's most easily done with three people. One people to hold the fabrics while the other two people to slide the tube off with the tube off.	
Step12:Remove the fabric from the RV . First, we located the securing screw that prevents fabric from shifting in the track on the RV and removed it in out. but some our views may differ regardless.	

Step13:Cause the fabric could only be removed in the forward direction. You'll have to remove one awning arm that is obstructing the movement. This is done by removing two bolts that hold the awning arm to the RV and disconnecting it from the lower bracket. Make sure to remove other obstacles like gutter spouts that may also interfere with sliding the fabric out of the track.	  
Step14:We then just slid the fabric out of the track by pulling hand-over-hand and luckily it slid out very easily but some may require more force.	
Step14:Took a screwdriver and widened the end of the track on our RV and then filed it smooth we also sprayed the track with a silicone spray to help lubricate it.	  

Step15:Now we are finally ready for the new fabric installation.
Install the new fabric, unroll the fabric with the blue side facing you, then slip one end of the fabric with the black plastic strip into the track slot until all the fabric is inserted into the track.

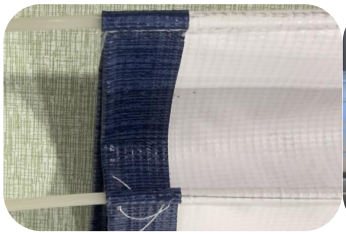


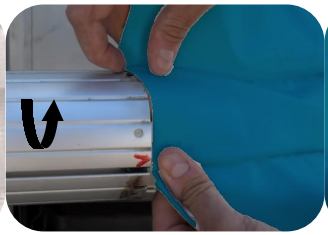
Step16:Reinstalled the awning arms and applied generous bead of caulk to the screws to help seal them up.

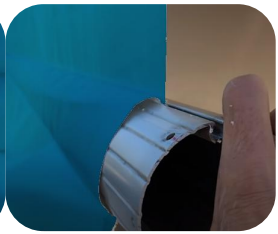


Step17:The same sprayed the track of the roller with a silicone spray like the track on the RV to help lubricate it.

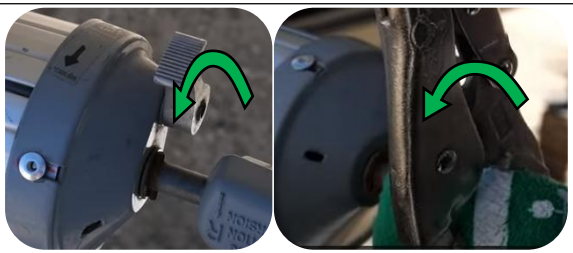
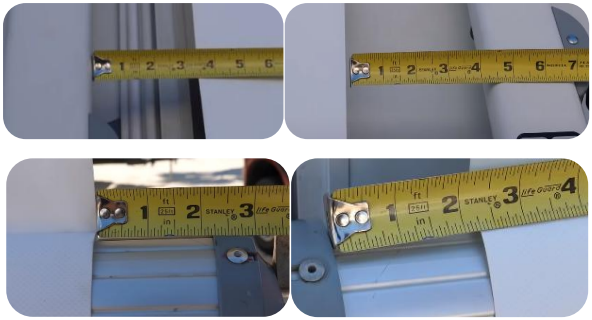


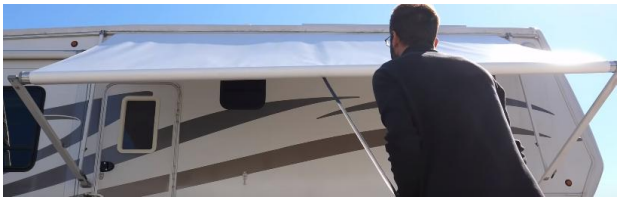






Step18:We arranged the part between the two plastic strips in the fabric into an arc, and then introduced the plastic strips into the reel track on this is where our A and V marks from before come in handy, and pulled all the fabrics into the whole reel slowly.
Note that you can also replace the Awning Pull Strap at this time as you need.

Step19:Reinstall the spring assembly into the reel according to the previously marked rivet holes.	
Step20:Select 3/16" aluminum rivets and use a rivet gun to rivet the rivets into the end cover holes.	
Step21:Close the awning scroll lock,and then rotate the vice counterclockwise to rotate the spring to the number of turns you had when you removed it.	
Caution: If you feel your spring has insufficient torque (the spring does not fully roll the fabric) you can turn the spring a few more turns, but you need to turn the same number of turns on the other side.	
Step22:Measure the distance between the left and right fabric edges and the arms and adjust the fabric make sure the both sides are equal. Similarly adjust the reel so that the distance from the fabric edge to the end of the reel is equal on both sides.	

Step23:Roll the fabric onto the tube while climbing the ladder	 
Step24:Reinstall the side bolts at the top of the awning.	 
Step25:Pull out the Long Straight Pick from the loop shaft end cover hole	
Step26:Test the state of pulling down the awning. If there is no abnormality in rolling and unfolding, it indicates that we have perfectly replaced the new fabric.	

Caution:

Now that you have completed the replacement of the new awning fabric, it should be noted that your RV awning hardware may not be exactly the same as shown in the manual, if so, you need to read the structure and installation instructions of your RV awning, or consult your supplier how to operate the replacement of awning fabric and related considerations.

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