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## Roller Bar Replacement Instructions for VISTA and Motorized (including PRO) Awnings \* Helpers Needed \*

### Tools needed:

**For all Awnings:** Chalk

**For Motorized add:**  $\frac{7}{16}$ " Wrench

**For VISTA add:** Hammer, Vise Grip Locking Pliers, 13 mm or  $\frac{1}{2}$ " Wrench, and 6mm Allen Wrench (see **Figure 4**)

**WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN PERSONAL INJURY!!**  
**PLEASE READ THESE INSTRUCTIONS IN ITS ENTIRETY BEFORE ATTEMPTING TO COMPLETE THIS PROCESS.**

**PLEASE NOTE THAT LEFT AND RIGHT REFERENCES ARE AS YOU FACE THE HOUSE.**

1. Open the Awning to the fully extended position.
2. **Using the Manual Crank Wand**, continue to unroll the Fabric until the Fabric slot in the Roller Bar is fully exposed. The Fabric will hang freely between the Roller Bar and Front Bar, without tension or pull on the Fabric.

**For VISTA (non-motorized) Models continue at Step 20:**

**For Motorized Models continue at Step 3:**

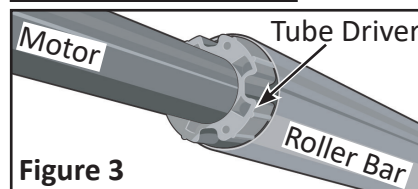
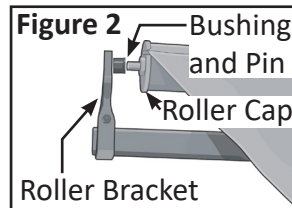
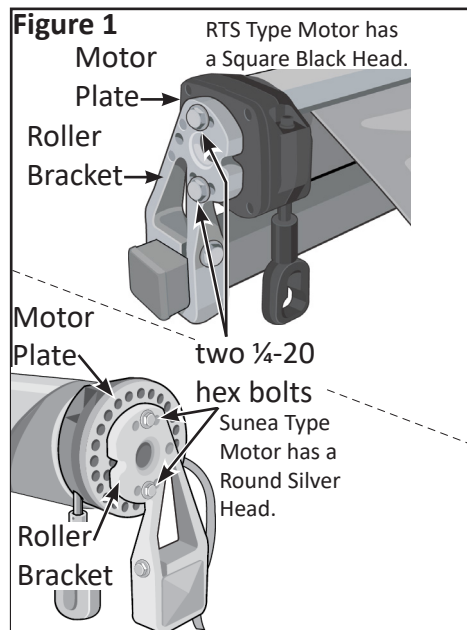
3. Unplug the power cord from the wall outlet.
4. **For Awnings with the Wall Switch**, set the Switch in the neutral (middle) position.
5. **While your helpers support both ends of the Roller Bar**, remove the two  $\frac{1}{4}$ -20 hex bolts and washers that connect the Motor to the Roller Bracket. See **Figure 1**.

**Note** or mark the threaded holes on the Motor Plate (for both RTS and Sunea type Motors) and the holes in the Roller Bracket that the bolts are removed from. (These marks will be used in attaching the Motor in Step 19.) See **Figure 1**.

6. With the Motor unbolted from the Roller Bracket, slide the Motor end of the Roller Bar away from the Roller Bracket.
7. On the Roller Bar end that is opposite the Motor, move the Roller Bar and Roller Cap out of the hole in the Roller Bracket. See **Figure 2**.

**Note:** Do not lose the Bushing that is on the Pin end of the Roller Cap. See **Figure 2**.

8. Allow the Roller Bar with the Fabric still attached, to slide down the Lateral Arms toward the Front Bar, approximately 2 to 3 feet. The Awning Fabric will lie across the extended Lateral Arms. Have your helpers support the Roller Bar and Fabric on the extended Lateral Arms.

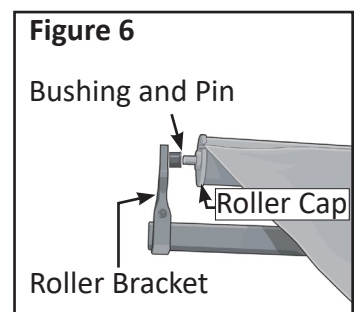
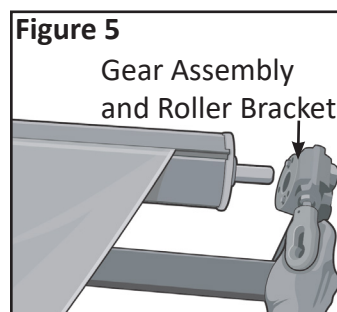
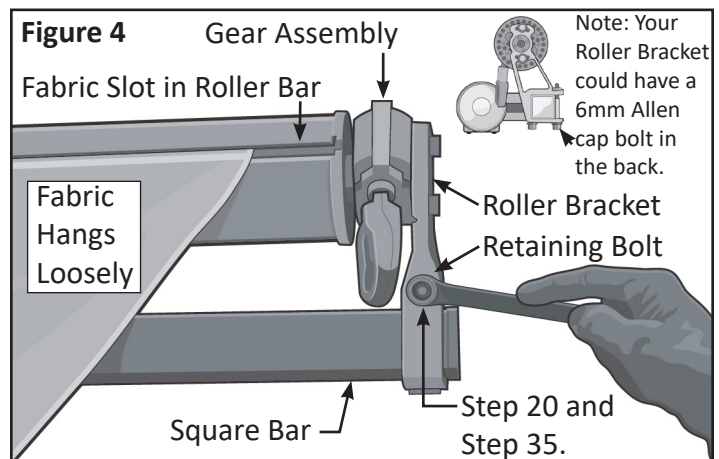


9. Slide the Motor out of the Roller Bar, making a chalk mark on the slot in the black Tube Driver, at the end of the Motor that fits over the Fabric Slot in the Roller Bar. See **Figure 3**. **Note: This is necessary to ensure that the Motor is reinstalled in the same position in the replacement Roller Bar.**
10. Place the Motor on a clean work surface.
11. While your helper holds the Fabric stationary, slide the Roller Bar off of the Fabric (on the non-motorized end of the Roller Bar).
12. Remove the Roller Cap with the Round Pin from the Roller Bar.
13. Install the Roller Cap into the replacement Roller Bar.
14. Slide the replacement Roller Bar completely onto the Fabric, from the end with the Roller Cap.
- Note: Using this end will allow for a smoother entry point for the Fabric.**
15. Insert the Motor into the replacement Roller Bar, aligning the chalk mark that you made (in **Step 9**) on the slot in the black Tube Driver with the Fabric Slot in the Roller Bar. See **Figure 3**.
16. Place the Bushing over the Round Pin on the end of the Roller Cap. See **Figure 2**.
17. Slide the Roller Bar and Fabric up toward the Square Bar.
18. Insert the Roller Cap (with the Bushing on the Round Pin) into the hole in the Roller Bracket. See **Figure 2**.
19. Attach the Motor to the Roller Bracket with the two ¼-20 hex bolts and washers. Use the holes marked in **Step 6** for proper alignment and fit. Be very careful not to cross-thread the hex bolts; start the bolts by hand and finish tightening with the ⅝" wrench.
- For RTS Motor only:** If the Motor is on the right side, the plastic protective cap will be facing up, away from the ground.
- Note: The Black Protective Cap is for use with a Right Motor Installation Only.**

## GO TO STEP 36

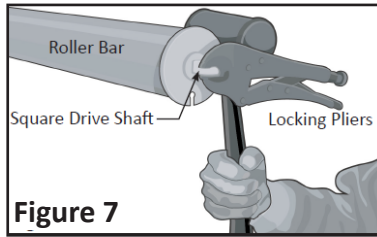
### For VISTA (non-motorized) Models only, continue at Step 20:

20. While your helper supports the end of the Roller Bar opposite the Gear Assembly, use a 13mm or ½" wrench or 6mm Allen wrench to loosen the Retaining Bolt on the Roller Bracket where it attaches to the Square Bar. See **Figure 4**.
21. While supporting both ends of the Roller Bar, remove the Gear Assembly and Roller Bracket from the Square Bar. See **Figure 5**.
22. On the Roller Bar end that is opposite the Gear Assembly, move the Roller Cap out of the hole in the Roller Bracket. See **Figure 6**.
- Note: Do not lose the Bushing that is on the Pin End of the Roller Cap. See Figure 6.**
23. Allow the Roller Bar with the Fabric still attached to slide down the Lateral Arms toward the Front Bar approximately 2 to 3 feet. The Awning Fabric will rest across the extended Lateral Arms. Have your helpers support the Roller Bar and Fabric on the extended Lateral Arms.



24. While your helper holds the Fabric stationary, slide the Roller Bar off of the Fabric.

25. Have your helper hold the Roller Bar stationary, then clamp onto the Square Drive Shaft extending out of the gray Roller Cap, with the locking pliers. See **Figure 7**.



26. Remove the gray Cap from the Roller Bar by tapping the locking pliers with the hammer. See **Figure 7**.

27. Insert the Roller Cap with the Square Pin into the replacement Roller Bar. Tap the Roller Cap with a hammer to fully insert it into the Roller Bar.  
**Note: Roller Bars do not have a left or right side; the Roller Cap can be inserted at either end.**

28. Remove the Roller Cap with the Round Pin from the original Roller Bar.

29. Insert the Roller Cap with Round Pin into the replacement Roller Bar. See **Figure 6**.

30. Insert the Fabric into the replacement Roller Bar, beginning with the installed Roller Cap end, first. Using this end will allow for a smoother entry point for the Fabric. Slide the Roller Bar completely onto the Fabric.

31. Place the Bushing over the round Pin on the end of the Roller Cap. See **Figure 6**.

32. Slide the Roller Bar and Fabric up toward the Square Bar.

33. Insert the Roller Cap with Round Pin and Bushing into the hole in the Roller Bracket. See **Figure 6**.

34. While your helper supports the Roller Bar, install the Roller Bracket attached to the Gear Assembly onto the Square Bar. At the same time, align the Square Pin so it enters the opening of the Gear Assembly. See **Figure 5**.

35. Tighten the bolt securing the Roller Bracket to the Square Bar. See **Figure 4**.

36. Center the Fabric on the Roller Bar and on the Front Bar.

37. While keeping the Fabric reasonably stretched across the length of the Roller Bar, **use the manual crank wand NOT the Motor (important)**, to slowly roll the Fabric onto the Roller Bar, until both Arms start to close.

38. Plug the power cord back into the wall outlet.

39. Connect any power cords that have been disconnected during this procedure.

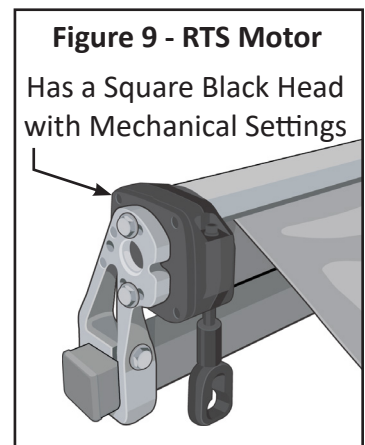
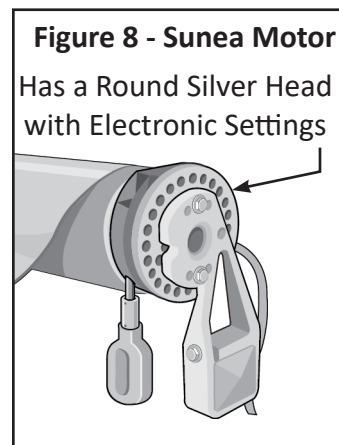
40. Test the Awning for proper operation.

**NOTE: IF NEEDED, reset the Motor stops using the supplied instructions.**

**For Sunea Motor (see Figure 8), go to Page 4.**

**For RTS Motor (see Figure 9),**

- go to Page 5 for RIGHT side motors or
- go to Page 6 for LEFT side motors.



# RESET STOPS - SUNEA (round silver head) MOTOR ONLY

## Resetting Remote Communication and Reprogramming the Motor

This procedure will completely reset the communication between the Remote Transmitter and Motor, as well as erase and reprogram the **Open** and **Closed** stop position settings of the Motor.

This procedure programs the Awning Motor to accept commands from one primary Remote Transmitter.

This procedure overwrites the factory set **Open** and **Closed** positions with new **Open** and **Closed** positions.

**Note:** To **ONLY** change the **Open** and **Close** preset positions, follow the basic procedure in Appendix B.

**Tools needed:** A pen or similar pointing device is needed to press and hold the Programming Button.

**WARNING: ALL STEPS MUST BE FOLLOWED EXACTLY AND COMPLETELY.**



### **PREPARE MOTOR - Read these instructions FIRST, completely and thoroughly**

1. Set the Remote Transmitter to Channel 1.
2. Press and Hold the **my** button; the red LED light should blink for at least 5 seconds.
3. Disconnect Power for two (2) full seconds.
4. Connect Power for ten (10) full seconds.
5. Disconnect Power for two (2) full seconds.
6. Connect Power. The Awning should move, then stop on its own.
7. Press and hold the **Programming** button for ten (10) seconds, watching for two (2) separate jogs back and forth, several seconds apart.  
**Note:** A single jog is defined as a quick two-direction movement of the motor.
8. Press and Hold the **CLOSE** and **OPEN** buttons together, release when the Awning jogs.  
**Note:** The Awning now moves **ONLY** while holding down the **CLOSE** or **OPEN** button.

### **SET PROPER DIRECTION OF MOTOR ROTATION**

9. Press the **OPEN** button to check the direction of the motor.  
The fabric should **roll from the top** of the Roller Bar, opening the Awning.
10. If the direction is incorrect, change direction by holding the **my** button until the motor jogs.  
Press the **OPEN** button again to check for the correct direction of the motor rotation.

### **SET THE CLOSED AND OPEN POSITIONS**

11. Move the Awning to the desired **Closed** position.
12. Press and Hold the **my** and **OPEN** buttons together; release when the Awning begins to **Open**.
13. Press the **my** button to **Stop** the Awning at the desired **Open** setting.
14. Make desired adjustments to the **Open** position.
15. Press and Hold the **my** and **CLOSE** buttons simultaneously; release them when the Awning begins to **Close**. **Let the Awning stop on its own** at the **Closed** position set in step 11.
16. Press and Hold the **my** button; release when the Awning jogs. This step stores the new **Open** and **Close** positions.

**Note:** If steps 8 - 15 fail, unplug the Awning, plug it back in, then begin again from step 8.

### **FINALIZE PROGRAMMING OF MOTOR**

17. Press and Hold the **Programming** button; wait for a jog. This completes the procedure.  
**Note:** The Awning now operates with a touch and release of the **OPEN** or **CLOSE** button.
18. Test the Awning for correct one-touch operation, using the **OPEN** and **CLOSE** buttons.



### **To Add or Delete a Control Device (Transmitter)**

To **ADD** an additional Control Device (such as another Remote or Channel or Wall Switch);

- Press the Programming button on the back of the Transmitter that was supplied with the Awning until the motor “jogs.”
- On the additional Control Device, press the Programming button until the motor “jogs,” then release.

To **DELETE** a Control Device, repeat the two steps listed above and the additional Control Device is removed.



# RESET STOPS - RTS (square black head) RIGHT SIDE MOTORS ONLY

## Awnings with Motors installed on the Right as you face the house

**Note:** Visual Guide available on Installation DVD and on the Owner's Corner.

1. If the motor on your SunSetter Awning is mounted on the right, as you face the house, complete Steps 1 thru 13. If motor on your SunSetter Awning is mounted on the left, as you face the house, complete Steps 14 thru 24 on page 18.

**Note:** If your awning has a Hood installed, you may need to remove the right end plate from the Hood to gain access to the motor push buttons.

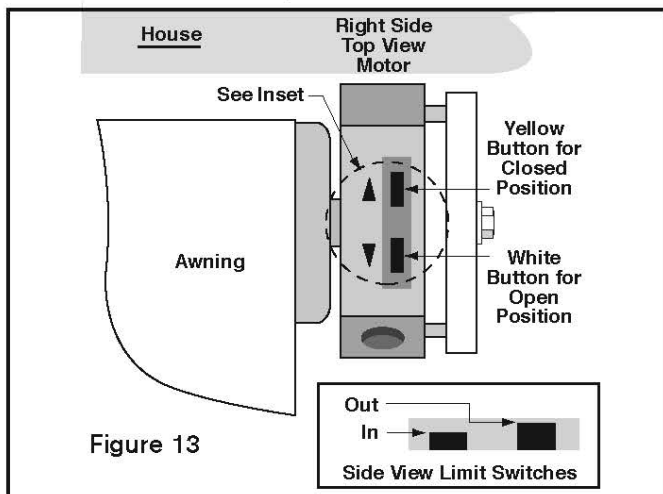
2. Press the Neutral/Stop button on the remote.

3. Unplug the power cord from the electrical outlet on the wall.

4. From a stepladder locate the limit push buttons on the motor. These push buttons will be on top of the motor housing under a black plastic protective cap – see Fig 13.

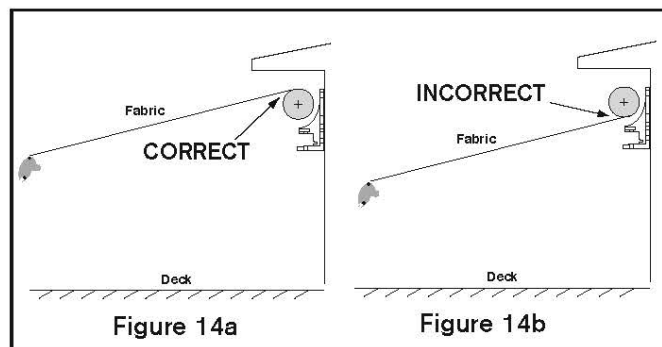
5. Grasp the black protective cap and lift it up. You will notice one yellow button and one white button inside a recessed area. These are the limit push buttons for the **OPEN** and **CLOSE** positions for the motorized awning.

6. Clear the Factory Settings by separately pressing both buttons (white and yellow) until they are both 'IN' or at their lowest point inside the recessed area of the motor housing –see figure 13. You should practice this a few times to understand this process.



7. Manually crank the awning open to the point where both lateral arms 'lock' into the fully extended position. The fabric will also be at its tightest point.

**NOTE:** The fabric should be rolling over the top of the roller bar (figure 14a), not underneath (figure 14b). If the fabric is rolling from the bottom of the roller bar, continue unrolling the fabric until it rolls over the top of the roller bar. Then roll up the fabric until both lateral arms 'lock' and the fabric becomes tight.



8. Depress the white button so that it is in the 'OUT' position (or closer to the top of the recessed area on the motor housing). Now the **OPEN** position stop is set.

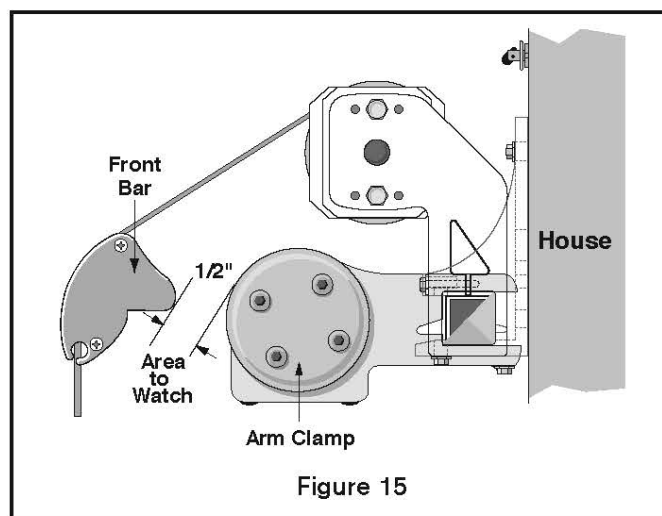
9. Manually roll the awning up until it is almost completely closed. The area to watch is where the front bar almost touches the round side of the arm clamp – see figure 15. Leave about 1/2" gap between the front bar and the round side of the arm clamp.

10. Depress the yellow button so that it is in the 'OUT' position (or closer to the top of the recessed area on the motor housing). Now the **CLOSE** position stop is set.

11. Replace the black protective cap on the motor housing. Be careful that the cap will not accidentally depress one of the limit push buttons underneath.

12. Plug the power cord back into the electrical outlet on the wall.

13. Test the awning for proper operation. Reinstall Hood end plate if removed.



# RESET STOPS - RTS (square black head) LEFT SIDE MOTORS ONLY

## Awnings with Motors installed on the Left as you face the house

14. Press the Neutral/Stop button on the remote.

15. Unplug the power cord from the electrical outlet on the wall.

**Note: Black protective cap for use with Right Motor Installations Only.**

16. From a stepladder locate the limit push buttons on the motor. These push buttons will be on the underside of the motor housing. – see Figure 16.

17. You will notice one yellow button and one white button inside a recessed area. These are the limit push buttons for the **OPEN** and **CLOSE** positions for the motorized awning.

18. Clear the Factory Settings by separately pressing both buttons (white and yellow) until they are both 'IN' or at their lowest point inside the recessed area of the motor housing –see figure 16. You should practice this a few times to understand this process.

19. Manually crank the awning open to the point where both lateral arms 'lock' into the fully extended position. The fabric will also be at its tightest point.

**NOTE:** The fabric should be rolling over the top of the roller bar (figure 14a), not underneath (figure 14b). If the fabric is rolling from the bottom of the roller bar, continue unrolling the fabric until it rolls over the top of the roller bar. Then roll up the fabric until both lateral arms 'lock' and the fabric becomes tight.

20. Depress the yellow button so that it is in the 'OUT' position (or closer to the top of the recessed area on the motor housing). Now the **OPEN** position stop is set.

21. Manually roll the awning up until it is almost completely closed. The area to watch is where the front bar almost touches the round side of the arm clamp – see figure 17. Leave about 1/2" gap between the front bar and the round side of the arm clamp.

22. Depress the white button so that it is in the 'OUT' position (or closer to the top of the recessed area on the motor housing). Now the **CLOSE** position stop is set.

23. Plug the power cord back into the electrical outlet on the wall.

24. Test the awning for proper operation.

