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## Motorized Oasis Awning Sunea Motor Replacement Instructions \*Helpers Needed\*

**Tools Needed:**  $\frac{7}{16}$ " Wrench,  $\frac{9}{16}$ " Wrench, Step Ladder, Sawhorses or chairs.

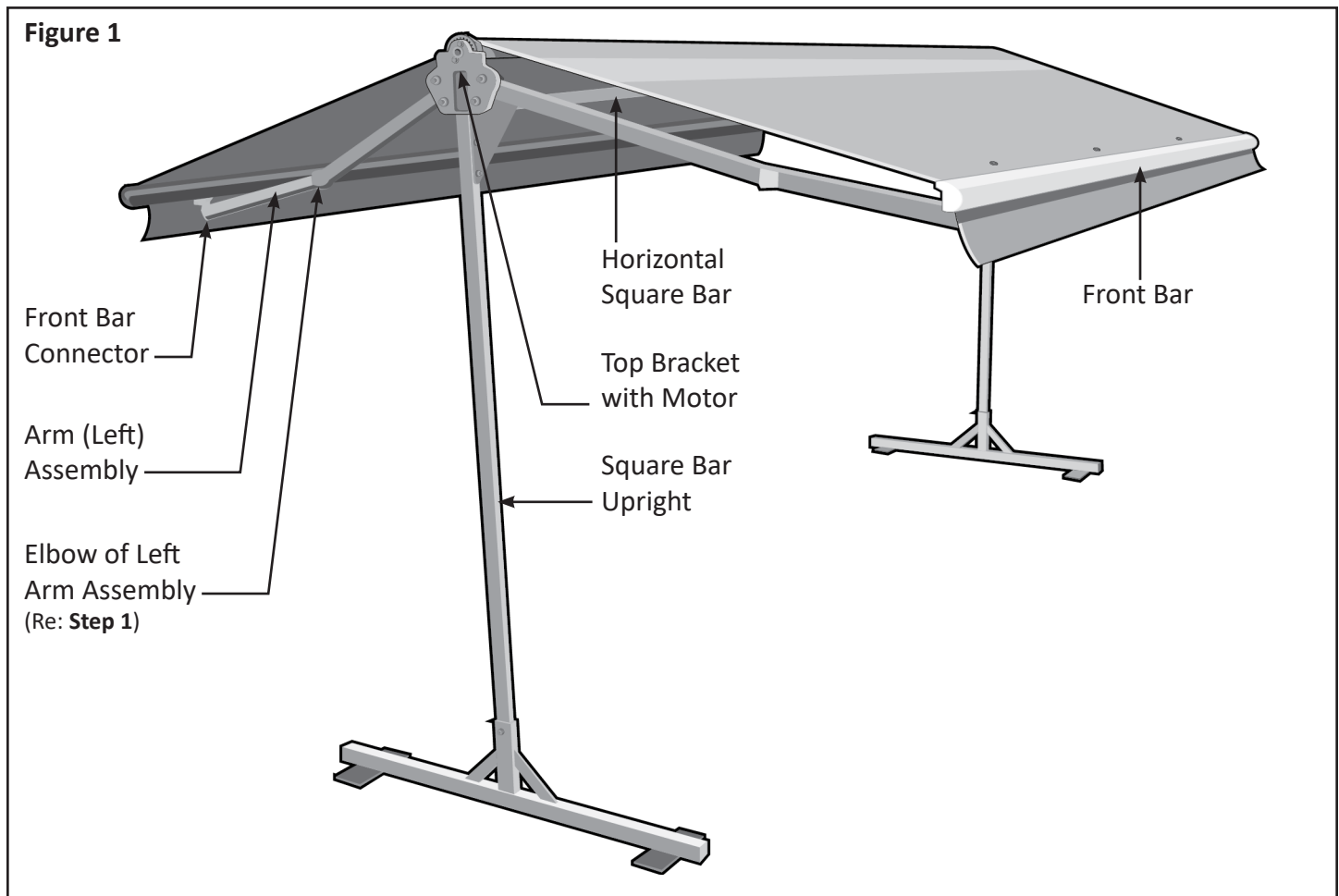
**Parts Supplied:** Sunea Replacement Motor, (4) Plastic Safety Sleeves, 3 mm Allen Wrench.

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

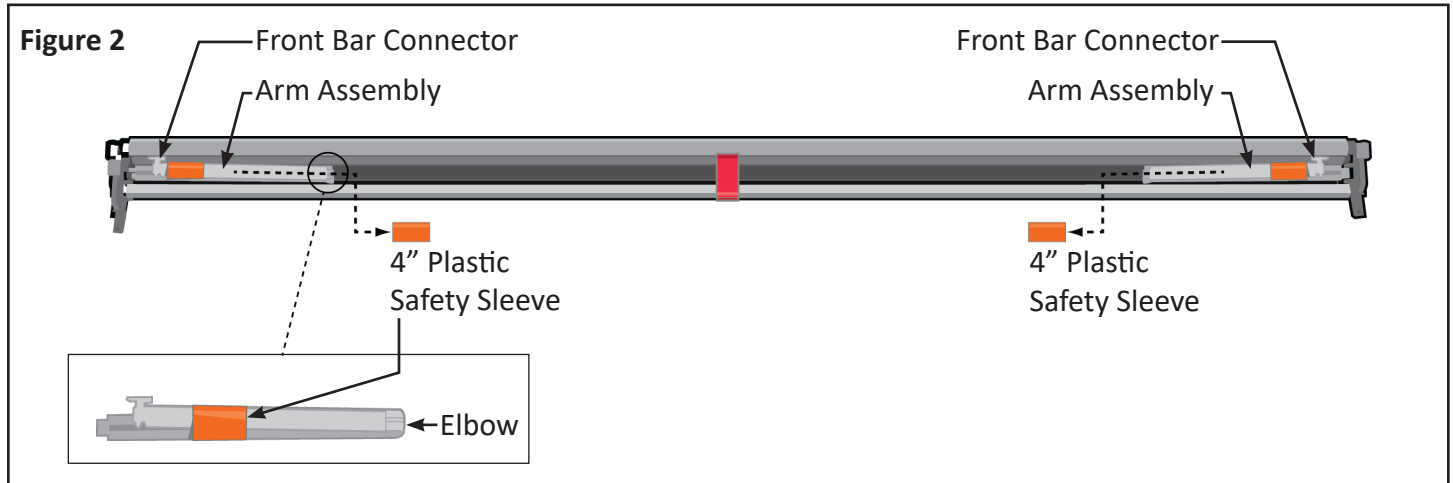
**Note:** If you cannot close your Awning using the Crank Wand, complete the following procedure (Steps 1 through 5), then continue with Step 8. If you can close your Awning using the Crank Wand, continue with Step 6.

**WARNING:** MAKE SURE THAT NO ONE STANDS IN FRONT OF THE AWNING DURING THIS PROCEDURE, IN CASE THE AWNING SPRINGS OPEN.

1. Position a step ladder at the Motor end of the Awning (**Note:** outside the Awning, not under the Awning) and align with the Elbow of the Left Arm Assembly. See **Figure 1**.



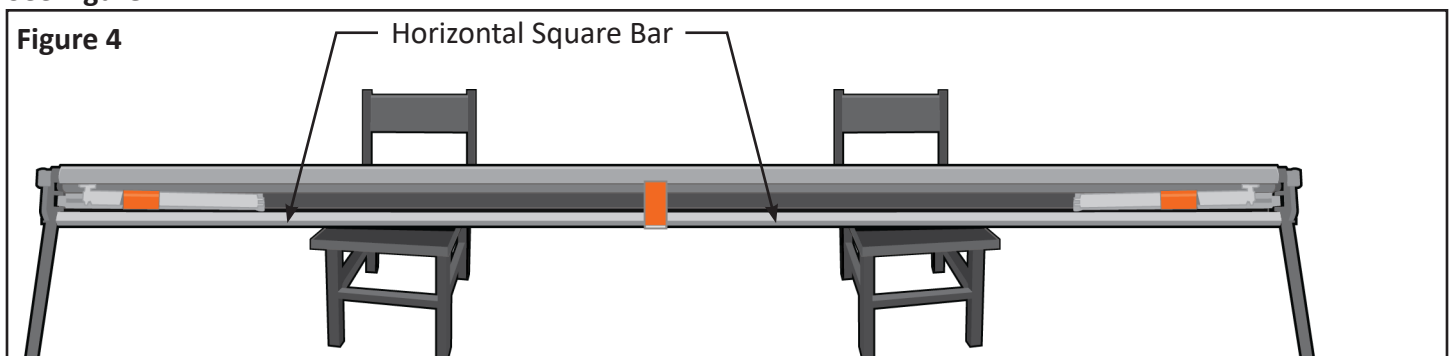
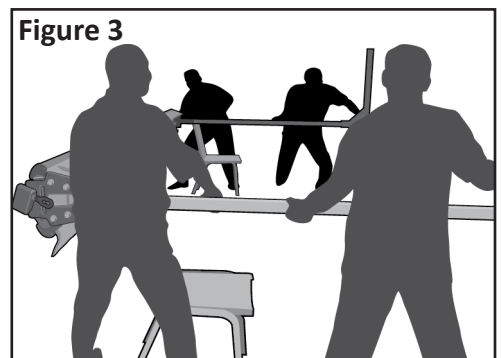
2. Unplug the power cord from your electrical outlet, and if installed remove the Cord Cover from the Square Bar Upright.
3. Starting with the Left Arm Assembly, push in on the Elbow to start the Arm to close and grasp the outside edge of the Front Bar and pull it in toward the End Bracket.
4. Continue to pull the Front Bar in until the Arm Assembly makes contact with the Horizontal Square Bar and is fully closed. Your Helper will now be able to slide one of the supplied Safety Sleeves on to the Arm Assembly until it contacts the Front Bar Connector. See **Figure 2**.



5. Repeat the procedure for the remaining three Arm Assemblies and skip to **Step 8**.
6. Make sure that the Awning is completely closed, and remove the Crank Wand from the Override Crank on the Motor. Unplug the power cord from your electrical outlet, and if installed remove the Cord Cover from the Square Bar Upright.
7. Slide the supplied Plastic Safety Sleeves on all four Arm Assemblies until they contact the Front Bar Connectors. See **Figure 2**.
8. Position two saw horses or chairs approximately 8 feet apart.

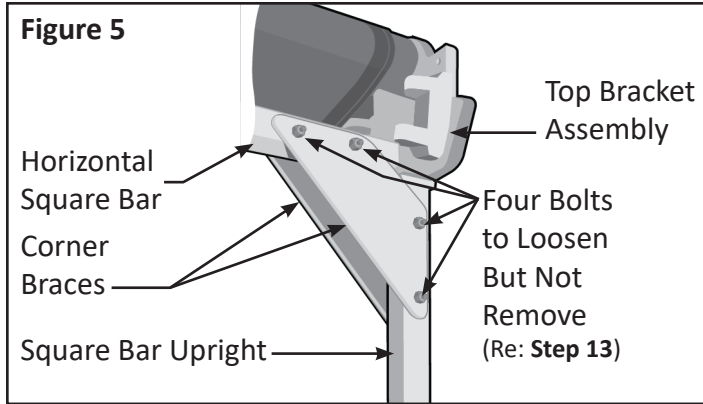
**WARNING: THE FOLLOWING PROCEDURE SHOULD BE ACCOMPLISHED BY FOUR PEOPLE.**

9. One person should be positioned (see **Figure 3**) at each Leg Assembly to prevent the Awning from sliding as the unit is carefully tipped over.
10. One person should be positioned (see **Figure 3**) at each end of the Awning Assembly, and be able to lift and support the weight of that end of the Awning.
11. When the Helpers are in position (see **Figure 3**), the two people positioned at the ends of the Awning Assembly should carefully tip the Awning over until the Awning is resting on the two saw horses or chairs. See **Figure 4**.



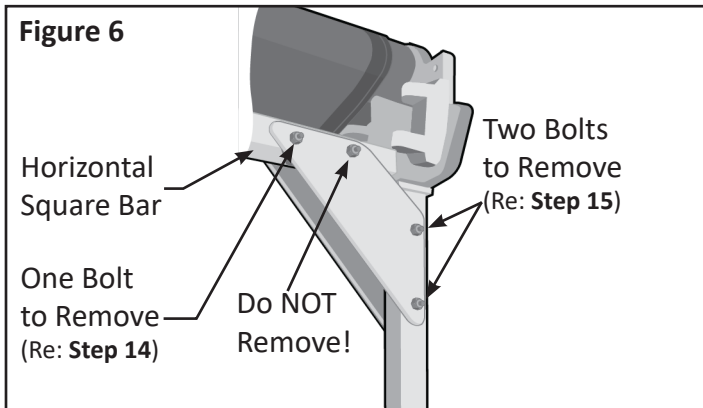
12. If your Fabric is completely rolled up, use the Crank Wand to unroll about 3 inches of Fabric. Remove the Crank Wand.

13. On the end of the Awning with the Motor, using a  $\frac{9}{16}$ " socket and wrench, loosen, but **Do Not Remove** the **four bolts** that secure the Corner Brace to the Horizontal Square Bar and the Square Bar Upright. See **Figure 5**.



14. Remove the Bolt on the Horizontal Square Bar, loosened in **Step 13**, that is farthest from the Square Bar Upright. See **Figure 6**.

15. Remove the two bolts that secure the Corner Brace to the Square Bar Upright. (This will allow the Corner Brace to be moved out of the way so that you have access to remove the old motor cord and properly align the new motor cord). See **Figure 6**.



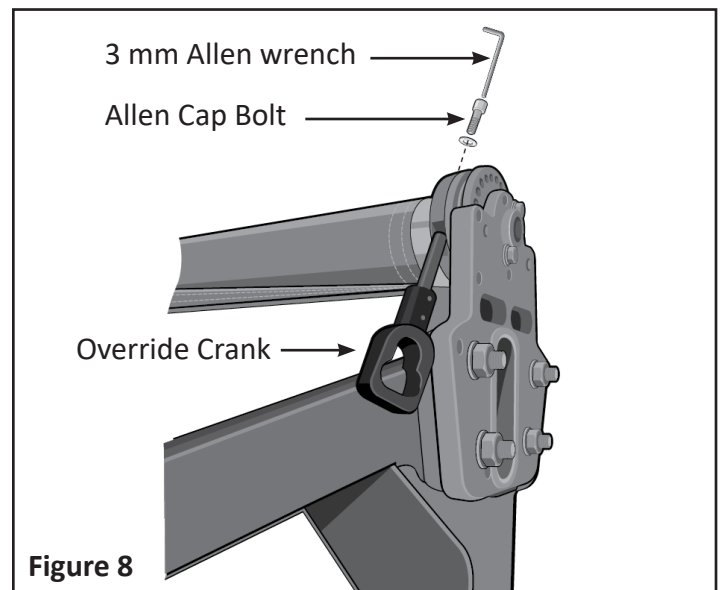
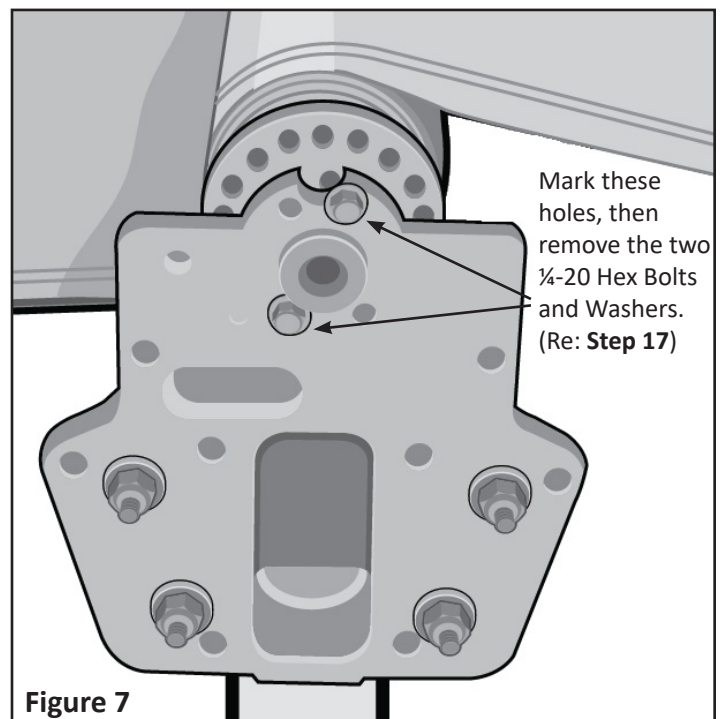
**Note:** Before performing the next step, note the orientation of the Motor on the Top Bracket Assembly. See **Figure 7**.

16. Have one helper hold the Roller Bar near the Top Bracket on the side that is opposite of the Motor. This is necessary to keep the Roller Bar from coming out of the Top Bracket while the Motor is unbolted from the other side.

17. 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 Top Bracket. **Note or mark the holes in the Top Bracket that the bolts are removed from.** See **Figure 7**.

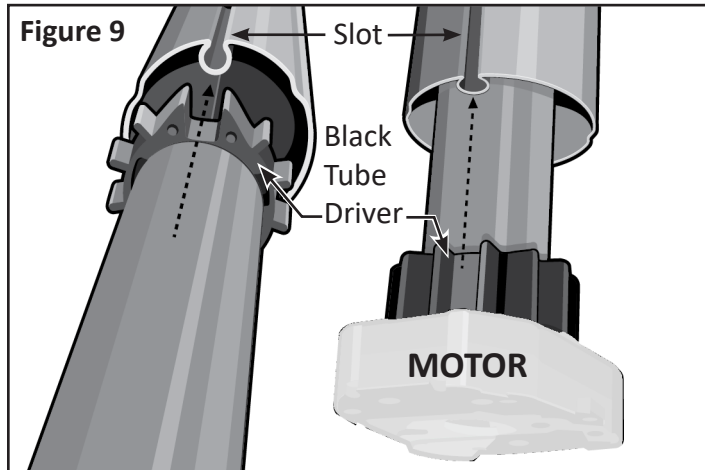
18. While a helper supports the Roller Bar near the Motor, slide the Motor Assembly out of the Roller Bar. **Make sure the other helper does not allow the Roller Bar to come out of the End Bracket on the opposite side.**

19. Using the supplied 3 mm Allen wrench, remove the Override Crank from the old Motor and install in the groove of the new Motor with the Allen Cap Bolt and Washer. See **Figure 8**.



20. Insert the new Motor into the Roller Bar, aligning the largest Slot in the Black Tube Drivers with the Roller Bar Slot. See **Figure 9**.

**Note:** If the Motor will not slide into the Roller Bar, you have selected the wrong slots.

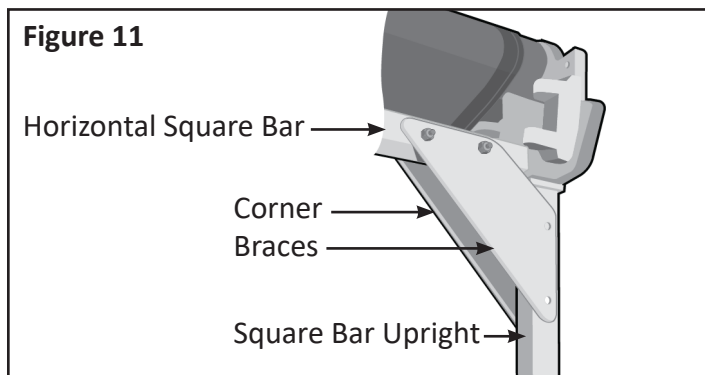
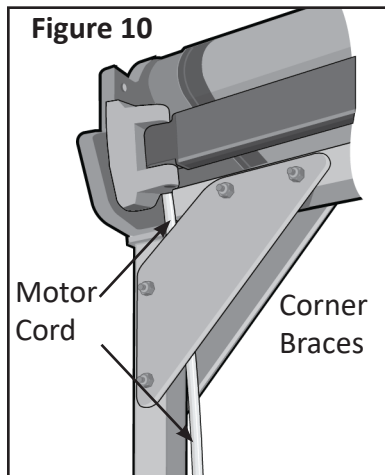


21. While your helpers support the Roller Bar, slide the Roller Bar toward the Top Bracket until the Motor makes contact with the Top Bracket.

22. Attach the Motor to the Top Bracket with the two ¼-20 Hex Bolts and Washers. **Be very careful not to cross-thread the Hex Bolts**, start the Bolts by hand and finish tightening with the ⅜" wrench.

23. Position the Motor Cord between the Corner Braces and the Horizontal Square Bar. See **Figure 10**.

24. Align the holes in the Corner Braces with the Horizontal Square Bar and Square Bar Upright and install the Bolts and Locknuts removed in **Step 14** and **Step 15**. Securely tighten all bolts. See **Figure 11**.



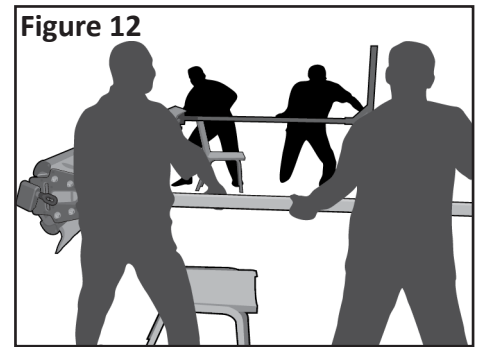
25. Use the Manual Crank Wand to slowly roll the Fabric onto the Roller Bar.

26. Carefully remove the four Safety Sleeves from the Arm Assemblies.

**WARNING: THE FOLLOWING PROCEDURE SHOULD BE ACCOMPLISHED BY FOUR (4) PEOPLE.**

27. One person should be positioned (see **Figure 12**) at each Leg Assembly to prevent the Awning from sliding as the unit is placed in the upright position.

28. One person should be positioned (see **Figure 12**) at each end of the Awning Assembly, and be able to support and lift the weight of that end of the Awning.



29. When the helpers are in position (see **Fig 12**), the two people positioned at the ends of the Awning Assembly should lift the Awning together and tip the unit until the Awning is upright on the Leg Assemblies.

30. Locate the Cord Cover and position the Cover over the electrical motor cord and flat against the inside of the Square Bar upright. Secure in place with the Velcro straps.

31. Plug the electrical motor cord back into your ground fault interrupter (GFI) outlet.

**WARNING: FAILURE TO PLUG THE ELECTRIC MOTOR CORD INTO A GROUND FAULT INTERRUPTER (GFI) OUTLET CAN RESULT IN PERSONAL INJURY.**

32. Reset your existing Remote Transmitter to communicate with the new Motor, and set new Open and Close stop positions using the instructions in **Appendix A**.

33. Test the Awning for proper operation.

## Appendix A

This procedure describes the process to establish communication between the new Motor and the Remote Transmitter that will be used to control your Awning, then set the new **Close** and **Open** stop positions.

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

**WARNING: THIS PROCEDURE MUST BE FOLLOWED THOROUGHLY AND COMPLETELY.**

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

Front View



Rear View



1. Select the proper channel on the Remote to control your Oasis
2. Press and Hold the **CLOSE** (▲) and **OPEN** (▼) buttons together, release when the Awning jogs (a jog is a short back and forth movement of the motor).  
**Note:** The Awning now moves **ONLY** while holding down the **CLOSE** (▲) or **OPEN** (▼) button.
3. Press the **OPEN** (▼) button to check the direction of the motor rotation.  
**Watching from the motorized end** of the Awning, the fabric should **roll from the top** of the Roller Bar to the right side, opening the Awning.
4. If the direction is incorrect, change direction by holding the **my** (my) button until the motor jogs.  
Press the **OPEN** (▼) button again to check for the correct direction of the motor rotation.
5. Move the Awning to the desired **Closed** position.
6. Press and Hold the **my** (my) and **OPEN** (▼) buttons together; release when the Awning begins to **Open**.
7. Press the **my** (my) button to **Stop** the Awning at the desired **Open** setting.
8. Make desired adjustments to the **Open** position.
9. Press and Hold the **my** (my) and **CLOSE** (▲) buttons together, then release them when the Awning begins to **Close**. **Let the Awning stop on its own** at the **Closed** position you set in step 4.
10. Press and Hold the **my** (my) button; release when the Awning jogs. This step stores the new **Open** and **Close** positions.
11. 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.
12. Test the Awning for correct one-touch operation, using the **OPEN** (▼) and **CLOSE** (▲) buttons.







### To Add an Additional Control Device to the Awning;

1. Press and Hold the Programming button on the back of the Remote Transmitter that controls your Awning. Wait for a jog or short movement of the Motor, then release the button.
2. Press and Hold the Programming button on the Additional Control Device. Wait for a jog or short movement of the Motor, then release the button.







Test the added Device. The Device can be removed from the Motor by following the same two steps.

**To adjust current OPEN or CLOSE stop position settings, use the following procedures.**

**TO CHANGE THE OPEN LIMIT:**

1. Open the Awning to its current **Open** position and let it stop on its own.
2. Press and Hold the **OPEN**  and **CLOSE**  buttons simultaneously until the Awning moves a little bit, or jogs back and forth, then release the buttons.
3. Adjust the Awning to the new **Open** limit position. The Awning moves only while pressing the **OPEN**  or **CLOSE**  button.
4. Press and Hold the “**my**”  button until the Awning moves a little bit, or jogs back and forth, then release the “**my**”  button.
5. Check the new **Open** limit.

**TO CHANGE THE CLOSED LIMIT:**

1. Close the Awning to its current **Closed** position and let it stop on its own.
2. Press and Hold the **OPEN**  and **CLOSE**  buttons simultaneously until the Awning moves a little bit, or jogs back and forth, then release the buttons.
3. Adjust the Awning to the new **Closed** position. The Awning moves only while pressing the **OPEN**  or **CLOSE**  button.
4. Press and Hold the “**my**”  button until the Awning moves a little bit, or jogs back and forth, then release the “**my**”  button.
5. Check the new **Closed** limit.