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Oasis Awning

Lateral Arm Assembly

Replacement Instructions

Helpers Needed

Tools Needed: 13 mm Wrench or Socket, $\frac{3}{4}$ inch Wrench or Socket, Towel.

Parts Supplied: Arm Assembly(s) Left or Right and four (4) Plastic Safety Sleeves.

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

PLEASE NOTE THAT LEFT AND RIGHT REFERENCES ARE AS YOU FACE THE GEAR ASSEMBLY OR MOTOR.

1. Completely close the Oasis.
2. Remove the Crank Wand from the Gear Assembly and if motorized, unplug the Motor Power Cord from the electrical outlet.
3. Position two chairs approximately eight (8) feet apart.

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

4. Position one person at each Leg Assembly to prevent the Awning from sliding as the unit is tipped over.
5. Position one person at each end of the Awning Assembly, and be able to lift and support the weight of that end of the Awning.

Note: Before completing the next step, make sure the Awning is oriented so the Arm Assembly you will change will face up when the Awning is tipped over.

6. With all helpers in position, the two people positioned at the ends of the Awning Assembly tip the Awning over (see **Figure 1**) until the Awning is resting on the two chairs. See **Figure 2**.

Figure 1

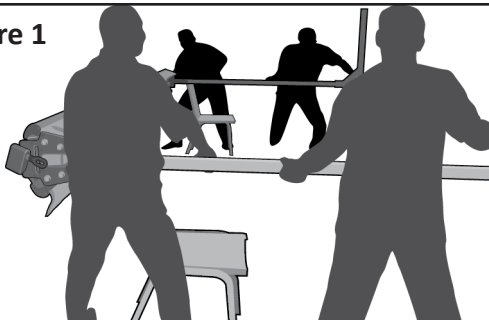
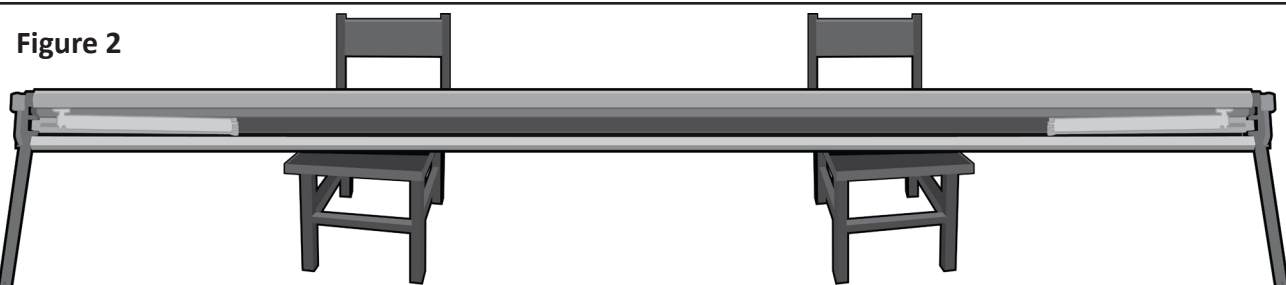
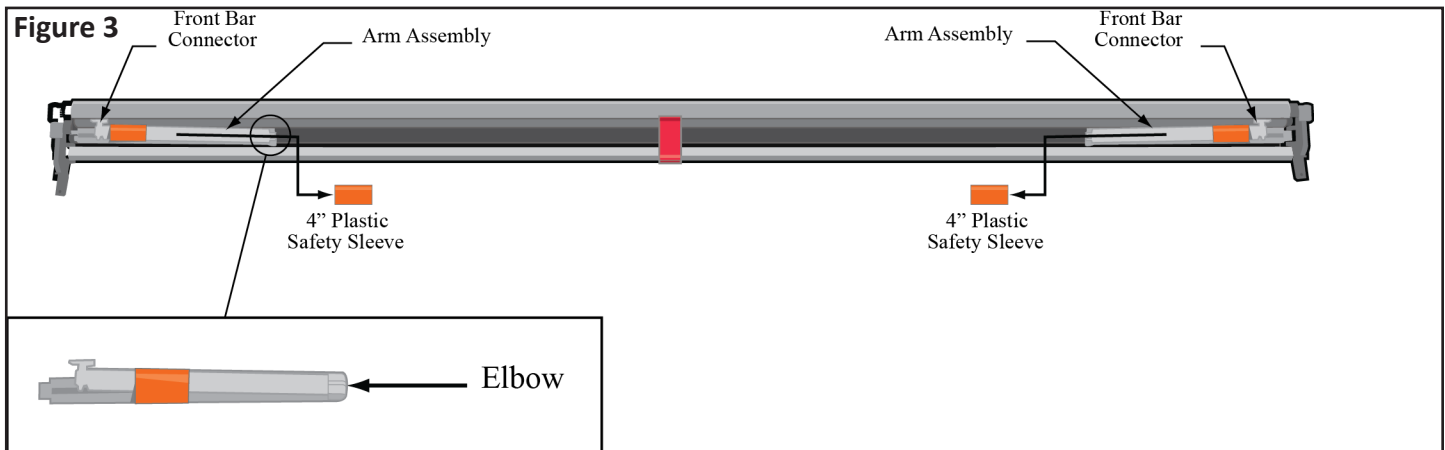


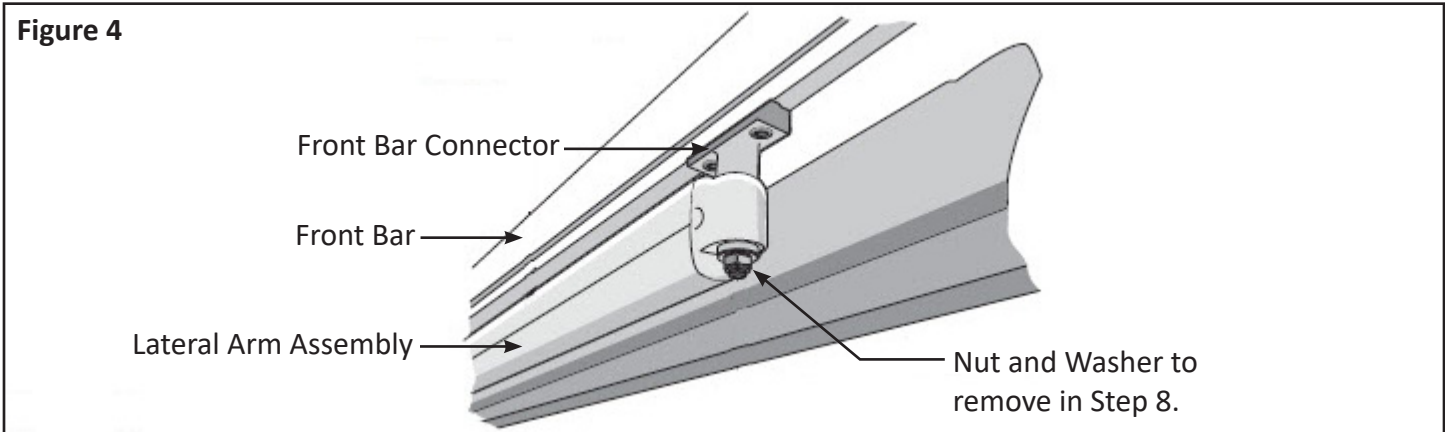
Figure 2



7. Slide the supplied Plastic Safety Sleeves on all four (4) Arm Assemblies until they contact the Front Bar Connector. See **Figure 3**.

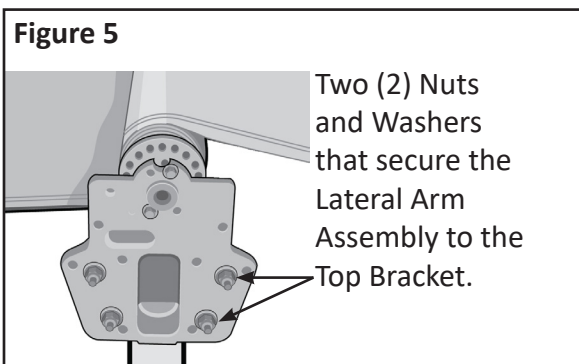


8. Have one of your helpers hold the Valance out of your way as you use a 13 mm Wrench or Socket to remove the Nut and Washer (see **Figure 4**) on the Lateral Arm Assembly (where the Lateral Arm connects to the Front Bar Connector) you are replacing. **Note: Be sure to save the two white Nylon Bushings as you will reuse them after replacing the Lateral Arm.** See Figure 6 for detail of the Bushings.

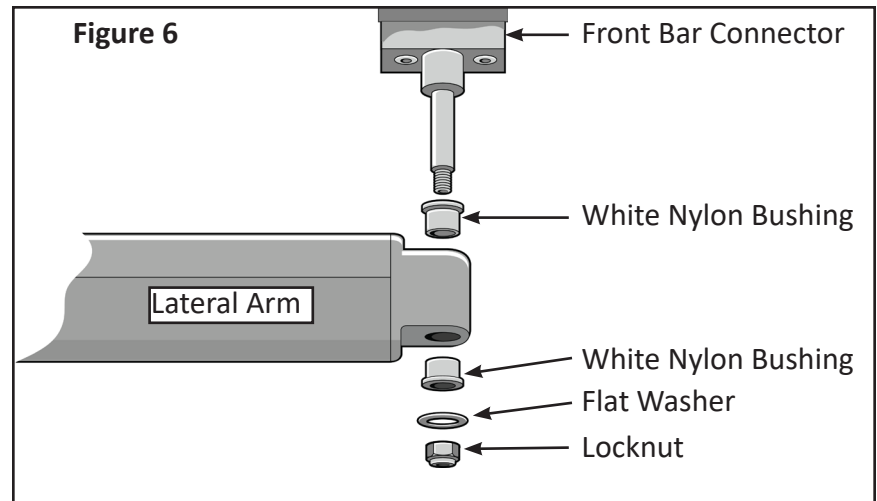


9. Separate the Front Bar from the Lateral Arm Assembly by lifting the Front Bar up. Also, place a Towel over the threaded end of the Front Bar Connector and carefully place it on top of the Roller Bar so it will not slip and fall. If the Front Bar does slip, have a helper hold the Front bar while you continue with the following steps. **Note: Make sure the threaded end of the Front Bar Connector does not damage the Fabric on the Roller Bar.**

10. Using a $\frac{3}{4}$ inch Wrench or Socket, remove the two Nuts and Washers that secure the other end of the Lateral Arm Assembly to the Awning Top Bracket. See **Figure 5**.



11. Separate the Lateral Arm Assembly from the Top Bracket and place aside.
12. Unpack the replacement Lateral Arm Assembly and remove a $\frac{3}{4}$ inch Nut and Washer from each Bolt at the end of the Lateral Arm Assembly. **Note: One of the bolts has a second $\frac{3}{4}$ inch Nut that has been tightened against the End of the Lateral Arm Assembly. DO NOT LOOSEN OR REMOVE THIS NUT.**
13. Position the new Lateral Arm Assembly into the Top Bracket with the Bolt that has the pre-installed $\frac{3}{4}$ inch Nut into the lower bolt hole.
14. Install a Flat Washer and $\frac{3}{4}$ inch Nut onto the Lateral Arm Assembly Bolts and tighten securely.
15. Place one of the White Nylon Bushings in the top hole of the Lateral Arm Assembly, where the Front Bar Connector will be inserted. See **Figure 6**.
16. Insert the threaded end of the Front Bar Connector back into the end of the Lateral Arm Assembly, reinstall the other White Nylon Bushing, Flat Washer and Locknut. Tighten with the 13 mm Wrench or Socket. See **Figure 6**.
17. If you have additional Arm Assemblies that need to be replaced, repeat **Steps 8** through **16** for each Lateral Arm Assembly.
18. Carefully remove the four (4) Plastic Safety Sleeves from the Lateral Arm Assemblies.



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

19. One person should be positioned at each Leg Assembly to prevent the Awning from sliding as the unit is placed in the upright position.
20. One person should be positioned at each end of the Awning Assembly, and be able to support and lift the weight of that end of the Awning. See **Figure 1**.
21. When the helpers are in position, the two people positioned at the ends of the Awning Assembly lift the Awning together and tip the unit until the Awning is upright on the Leg Assemblies. See **Figure 1**.
- 22. Manual Models:** Using the Hand Crank Wand, unroll the Awning. The Lateral Arms will still be bent at the elbow, this is normal as they will never straighten out completely. **Note: If you have unrolled the Awning past the point where the Lateral Arms are fully open, the Fabric will begin to sag.** To correct this, simply reverse the rotation of the Hand Crank and close the Awning until the Fabric is tight.
- 23. Motorized Models Only:** Plug the Electrical Motor Power Cord into a Ground Fault Interrupter (GFI) outlet.

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

24. Test the Awning for proper operation.

Note: If your Awning fails to open to its full projection or does not appear to open or close properly, follow the steps in the enclosed Appendices to reset the Open/Close limits.

The Motorized Oasis Awning can have one of two types of Motors.

Identification:

- **RTS Motor** (uses mechanical push buttons stop settings) has a square, black motor housing. See **Figure 7**.
To reset the Open and Close Stop Positions for the RTS Motor, see **Appendix A**.
To reset communications between a non-responsive motor and Remote Transmitter, see **Appendix B**.
- **Sunea Motor** (uses electronic control stop settings) has a round, silver motor housing. See **Figure 8**.
To reset the Open and Close Stop Positions for the Sunea Motor, see **Appendix C**.
To reset communications and reprogram the Sunea Motor, see **Appendix D**.

Figure 7

Push buttons located under cap at top of motor head are used to control Open and Close position settings for Awning.

RTS Motor has a square, black motor housing. →

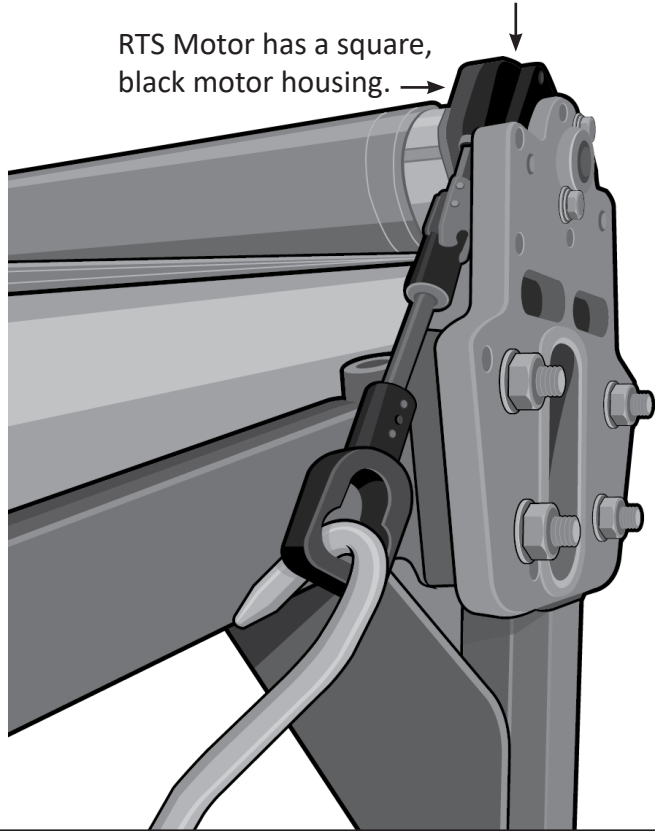
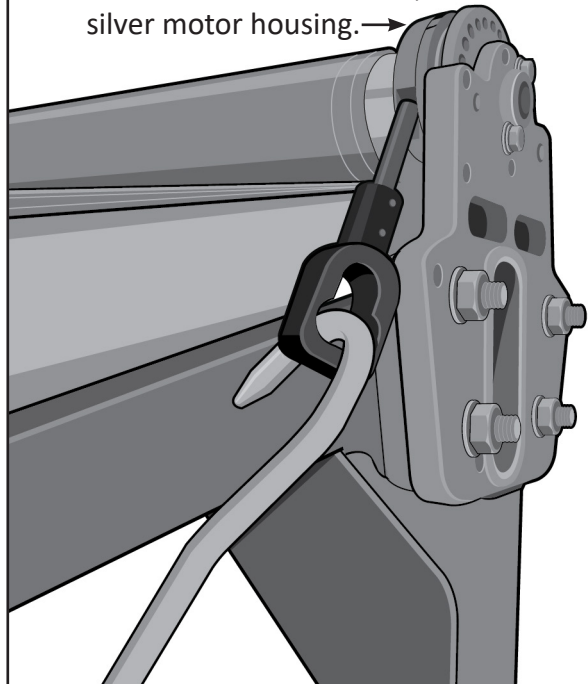


Figure 8

The Remote Transmitter is used to electronically set Open and Close position settings. No push buttons are present on this motor type.

Sunea Motor has a round, silver motor housing. →



APPENDIX A

Resetting the Limit Push Buttons on the SunSetter RTS Motor

1. Press the Neutral/Stop button on the Remote Transmitter.
2. Unplug the Electric Power Cord from the electrical outlet.
3. From a stepladder locate the limit Push Buttons on the motor. These Push Buttons will be on the top of the Motor Housing under a black plastic protective cap. See **Figure 10**.
4. 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.
5. 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 10**). Practice this a few times to understand this process.
6. Manually crank the Awning **open** to the point where both sets of Lateral Arms 'lock' into the fully extended position. The Fabric will also be at its tightest point.

Note: The Fabric on the left side (as you face the motor) should be rolling from the bottom of the Roller Bar, and the Fabric on the right side should be rolling over the top of the Roller Bar (see Figure 9). If the Fabric is not as noted, continue unrolling the Fabric until the Fabric on the left side is rolling from the bottom and the Fabric on the right side is rolling over the top of the Roller Bar. Then roll up the Fabric until the Fabric becomes tight.

7. 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.
8. Manually roll the Awning up until it is almost completely **closed**. The area to watch for is when the elbows of the Lateral Arm Assemblies come in contact with the Horizontal Square Bar.
9. 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.
10. **Replace the black Protective Cap on the motor housing.** Be careful that the cap will not accidentally depress one of the push limit buttons underneath.
11. Plug the Electric Power Cord back into the GFI electrical outlet.
12. Test the Awning for proper operation.

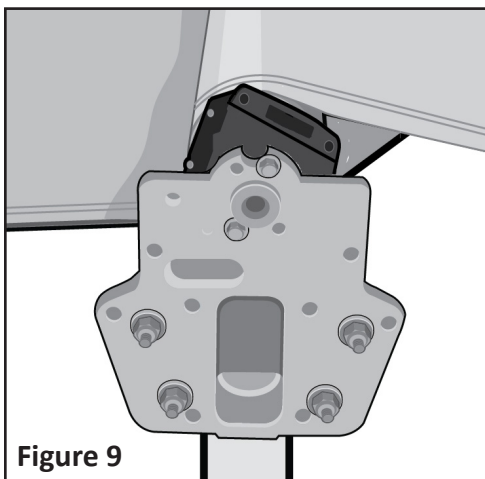


Figure 9

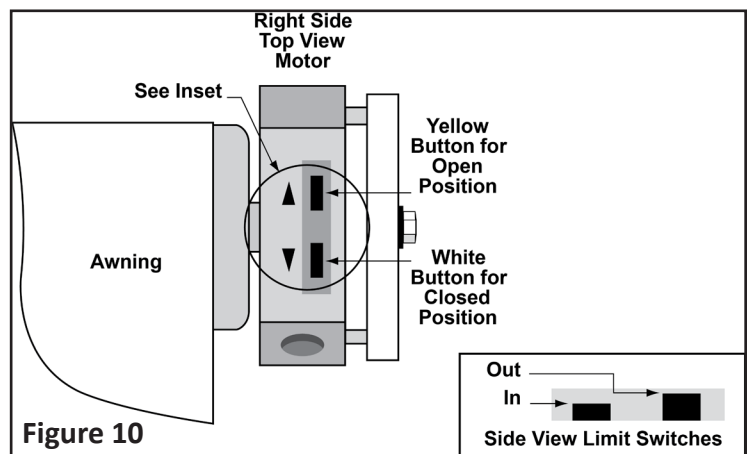


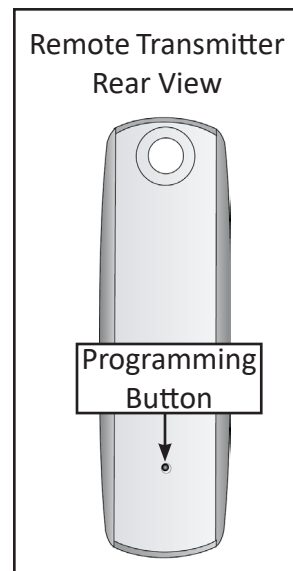
Figure 10

APPENDIX B

Resetting the Remote Transmitter for the RTS Motor

This procedure describes the actions needed to reset the Remote Transmitter that was supplied with your Motorized Awning. This procedure should only be performed if the Remote Transmitter does not operate the Motorized Awning. Please review the steps below to familiarize yourself with the procedure before attempting to complete them.

1. Verify the red light on the Remote Transmitter comes on when you press and hold an arrow button. If the red light does not come on at all or blinks for less than 5 seconds, replace the battery.
2. Press the **my/STOP** button on the Remote Transmitter.
3. Unplug the Power Cord from the wall.
4. Insert the Hand Crank Wand into the Override Crank on the Motor and manually Open the Awning approximately 3 feet, but do not completely open the Awning.
5. Verify the GFI wall outlet has power.
6. Plug the Power Cord back into the GFI wall outlet.
7. Let the Awning sit for **one full minute**, undisturbed. Do not press any buttons during this time.
8. Unplug the Power Cord from the wall for **2 seconds**.
9. Plug the Power Cord back in for **10 seconds**.
10. Unplug the power cord for **2 seconds**.
11. Plug the Power Cord back in and leave it plugged in.



Note: The motor may rotate approximately 2 feet in one direction and stop.

12. When the motor stops, **press and hold the Programming Button** on the back of the Remote Transmitter for 5 seconds until the motor 'jogs', then release. A jog is a short back and forth movement of the motor.

13. Press and Hold the OPEN and CLOSE buttons at the same time, until the motor jogs, to activate this Remote.

14. Press and Hold the Programming button on the back of the Remote Transmitter until the motor jogs, then release the button.

Note: If the motor does not operate, you will have to clear the OPEN/CLOSE stop settings on the motor. Complete **ONLY** steps 1 through 5 of Appendix A. After clearing the OPEN/CLOSE stop settings, verify if transmitter operates the Awning. If not, repeat the procedures listed above.

Note: Your Remote Transmitter is now reset to operate your Motorized Awning. Test the Awning for proper operation. If you cleared the OPEN/CLOSE stop settings on the motor, go to Appendix A to reset them.

Add/Delete a Control Device (Transmitter)

To **ADD** an additional Control Device (not the one that was supplied with the awning).

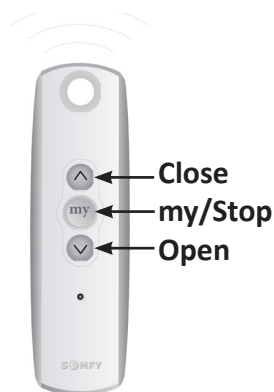
- Press the Programming button on the back of the transmitter that was supplied with the awning until the motor 'jogs'.
- On the additional Control Device, press the Programming button until the motor 'jogs', then release.

If you wish to **DELETE** a Control Device, simply repeat the 2 steps listed above.

To Add a Wireless Wind Sensor, you need to follow the instructions supplied with your Wireless Wind Sensor.

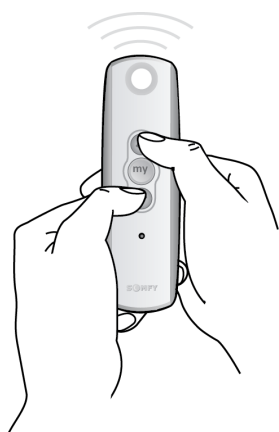
APPENDIX C

Adjusting the OPEN and CLOSE Stop Limits for the Motorized Awning (Sunea type only)



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 (down arrow) and CLOSE (up arrow) 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 (down arrow) or CLOSE (up arrow) button).
4. Press and Hold the "my" (my) button until the Awning moves a little bit, or jogs back and forth, then release the "my" (my) button.
5. Check the new Open limit.

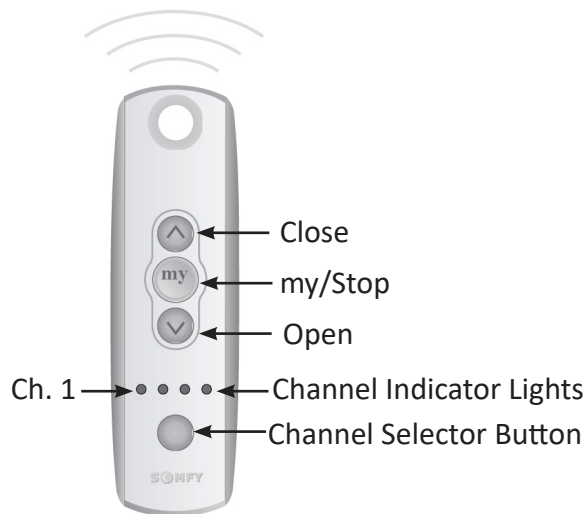


TO CHANGE THE CLOSED LIMIT:

1. Close the awning to its current Closed position and **let it stop on its own**.
2. Press and Hold the OPEN (down arrow) and CLOSE (up arrow) 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 (down arrow) or CLOSE (up arrow) button).
4. Press and Hold the "my" (my) button until the Awning moves a little bit, or jogs back and forth, then release the "my" (my) button.
5. Check the new Closed limit.

How to Use the optional Multi Channel Remote Transmitter

- Your OASIS is programmed to Operate on **Channel 1** of the Multi Channel Remote Transmitter.
- **Channel 1** is the first channel on the left.
- **To identify the active Channel**, press and release the Channel Selector button. The active Channel Indicator Light will blink for about **5 seconds**.
- **To move to the next Channel**, press and release the Channel Selector button while the Channel Indicator Light blinks. The next Channel becomes active. That Channel Indicator Light blinks for about **5 seconds**.
- All four blinking Lights indicates **Channel 5** is active.
- Channel selection moves in order **from Channel 1 through 5, then back to 1**.
- For more information, please see the SunSetter LED Light System Installation Instructions that were packaged with your optional LED Light System.



APPENDIX D

Complete Re-Programming of the Oasis Sunea Motor

- This procedure describes the actions needed to reset the communication between the Motor and the primary Remote Transmitter used to control your Motorized Awning.
- 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 C.

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

1. Read these instructions FIRST, completely and thoroughly.
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 (about 6 seconds).
Note: A single jog is defined as a quick two-direction movement of the motor.
8. Press and Hold the **CLOSE** (up arrow) and **OPEN** (down arrow) buttons together, release when the Awning jogs.
Note: The Awning now moves **ONLY** while holding down the **CLOSE** (up arrow) or **OPEN** (down arrow) button.

SET PROPER DIRECTION OF MOTOR ROTATION

9. Press the **OPEN** (down arrow) button to check the direction of the motor rotation. The Fabric on the **left side** should be rolling from the **bottom** of the Roller Bar (as you face the Gear Assembly or Motor), and the Fabric on the **right side** should be rolling over the **top** of the Roller bar.
10. If the direction is incorrect, change direction by holding the **my** button until the motor jogs. Press the **OPEN** (down arrow) 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** (down arrow) 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** (up arrow) 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** (down arrow) or **CLOSE** (up arrow) button.
18. Test the Awning for correct one-touch operation, using the **OPEN** (down arrow) and **CLOSE** (up arrow) buttons.

To Add or Delete a Control Device (Transmitter)

To **ADD** an additional Control Device (such as a 2nd Remote, All Weather Remote, Wind Sensor, 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.

