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Motorized EasyShade® Fabric Replacement

Helper Needed

Tools Needed: Phillips Screwdriver, 1/8" Allen Wrench, 5/64" Allen Wrench, Safety Gloves

Parts Supplied: Fabric Assembly, Double Sided Adhesive Tape

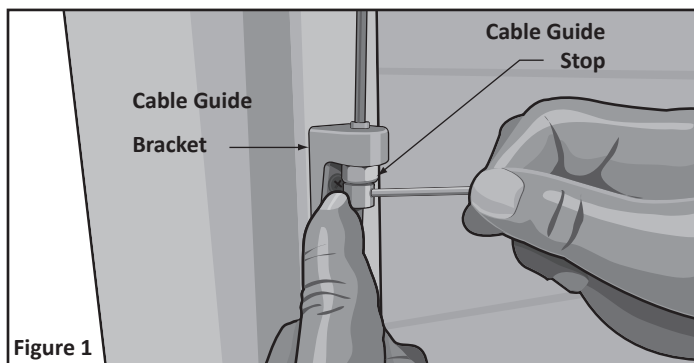
WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN PERSONAL INJURY!
PLEASE READ THESE INSTRUCTIONS IN ITS ENTIRETY BEFORE ATTEMPTING TO COMPLETE THIS PROCEDURE.

Note: Before beginning, open package and measure Fabric. It should measure 3" less than EasyShade width.

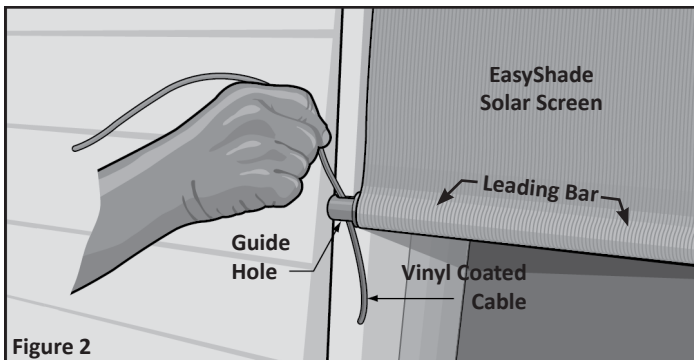
1. Roll up your EasyShade completely by pressing the UP button. If existing Fabric is being replaced, press the UP arrow on the Remote Transmitter to cause the Motor and internal Roller Bar to return to the preset UP (closed) position.

2. Unplug the Power Cord from the outlet.

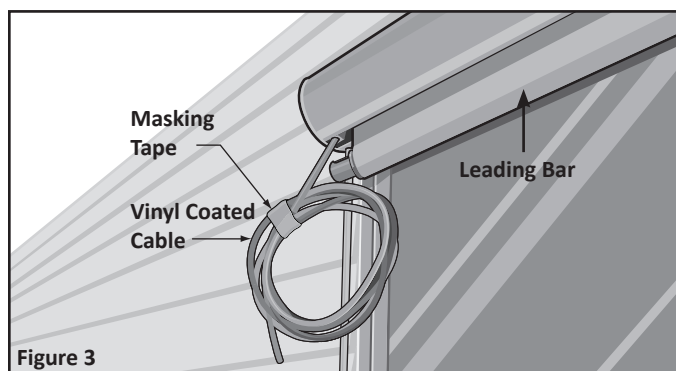
3. Remove the Cable Guide Stops from the bottom of the Vinyl Coated cable on each side of the EasyShade using a 5/64" Allen Wrench. See **Figure 1**.



4. Pull the Vinyl Coated Cable out of the Guide Holes in each end of the Leading Bar, located in the pleat of the EasyShade Solar Screen. See **Figure 2**.

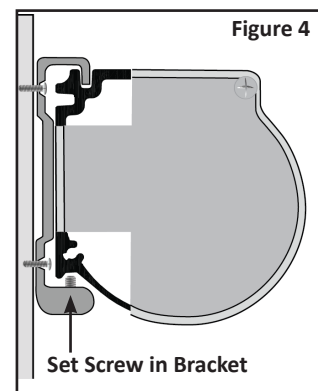


5. Coil the Vinyl Coated Cable and secure with a piece of Masking Tape. See **Figure 3**.



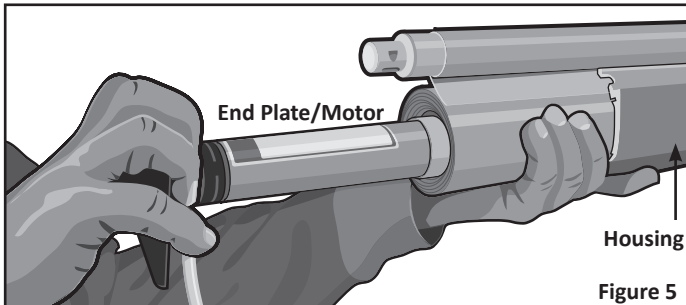
CAUTION: USE EXTREME CARE WHILE PERFORMING STEP 6, TO ENSURE THE EASYSHADE DOES NOT FALL FROM THE BRACKETS WHEN THE MOUNTING SCREWS ARE LOOSENED. FAILURE TO USE CAUTION CAN RESULT IN PERSONAL INJURY OR DAMAGE TO THE EASYSHADE.

6. While your helper supports the EasyShade, loosen the Set Screws in the Mounting Brackets. With the aid of your helper remove the EasyShade from the Brackets and place in your work area. See **Figure 4**.



7. On the end of the Housing opposite the Motor, remove the two Phillips head screws that secure the End Plate to the Housing. Remove the End Plate and the white Nylon Insert from the Roller Bar and place aside for use in reassembly.

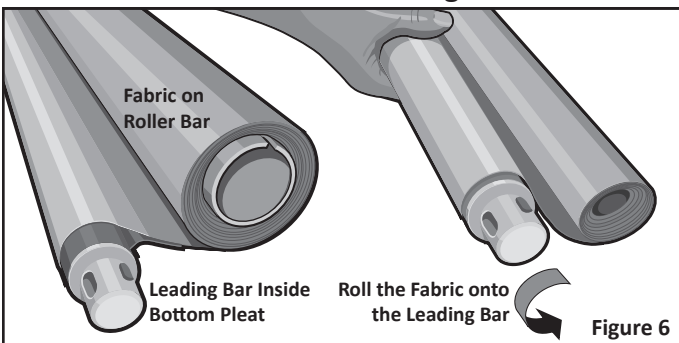
8. On the Motor end of the Housing remove the two Phillips head screws that secure the End Plate to the Housing. Pull the End Plate/Motor and the Roller Bar about six (6) inches out of the Housing. While holding the Roller Bar, pull the End Plate/Motor out of the Roller Bar and place aside for use in reassembly. See **Figure 5**.



9. With the aid of your helper, slide the Roller Bar and Fabric out of the Housing.

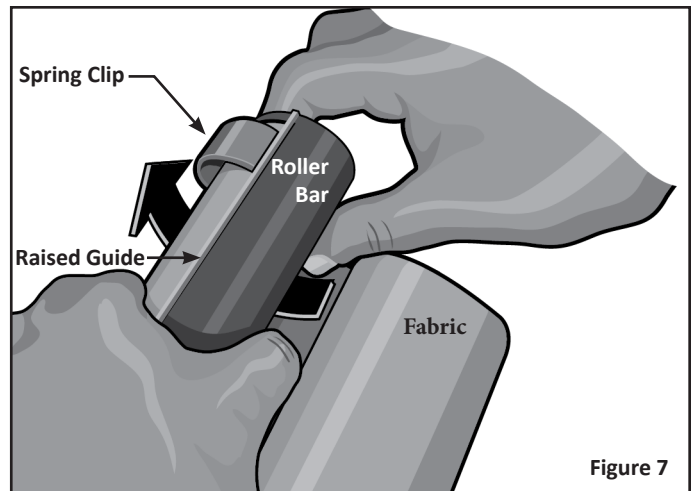
10. Place the Roller Bar and Fabric on a table or work area.

11. Locate the end of the Fabric that has the Leading Bar in it, and then roll the Fabric onto the Leading Bar until the Roller Bar is exposed. Note the orientation of the Fabric on the Roller Bar. See **Figure 6**.



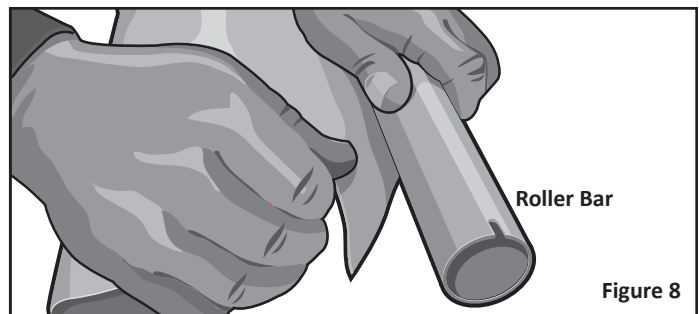
12. Note the location of installed Spring Clips (if any). If Spring Clips need removal, place your thumb under the Fabric, against the edge of the Clip that is opposite the Roller Bar's Raised Guide, and push it gently but firmly off the Roller Bar. See **Figure 7**.

WARNING: THE SPRING CLIPS COULD HAVE SHARP EDGES. TO PREVENT THE RISK OF INJURY, USE SAFETY GLOVES WHEN REMOVING OR REPOSITIONING THE SPRING CLIPS ON THE ROLLER BAR. FAILURE TO DO SO COULD CAUSE PERSONAL INJURY.

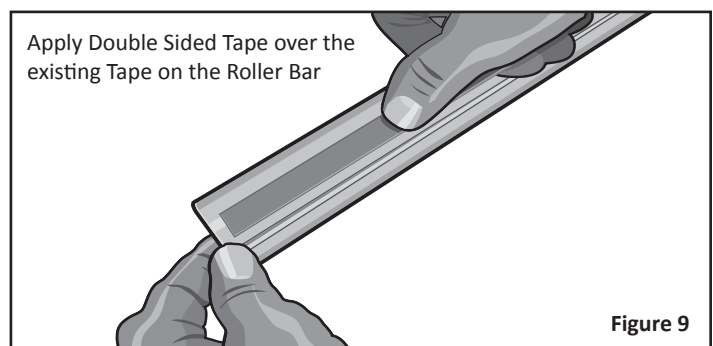


Note: While installing the provided Double Sided Adhesive Tape, Do Not Remove the backing from the tape until instructed to do so.

13. The Fabric is secured to the Roller Bar with double sided adhesive tape. While your helper holds the Roller Bar, peel the Fabric loose from the Double Sided Tape. (Skip this step if the Fabric has become separated from the Roller Bar.) See **Figure 8**.



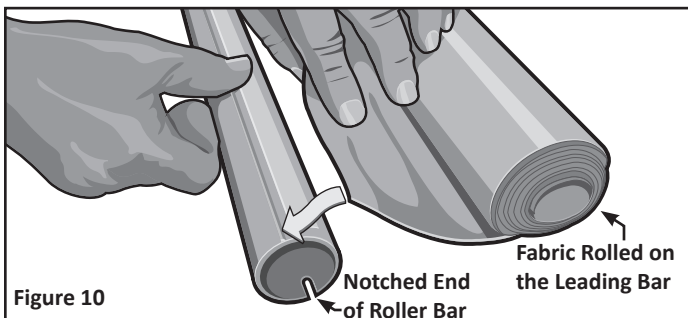
14. Locate the provided Double Sided Adhesive Tape, unroll a small amount of the tape at a time and install on top of the existing tape on the Roller Bar. Trim the tape to the same size as existing tape on the Roller Bar. **Do not remove the backing of the tape, yet.** See **Figure 9**.



15. Pull the Leading Bar out of the old Fabric and set aside for use in reassembly. (Skip this step if the same Fabric is to be reattached to the Roller Bar.)

16. Place the Replacement Fabric on your work area, and orient the Fabric as shown in **Figure 10**.

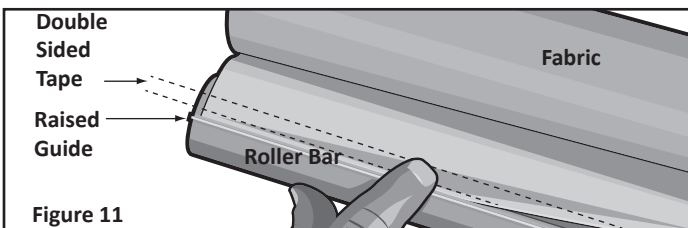
Note: The Roller Bar has a Notch cut into one end, this is the end of the Roller Bar that the Motor will be installed. If your Motor will be on the right when you face your installed EasyShade, then the Notch in the Roller Bar will be on the right for the Fabric installation. If your Motor will be on the left when you face your installed EasyShade, then the Notch in the Roller Bar will be on the left for the Fabric installation. Left and right references are as you face the Roller Bar, with the Fabric on the opposite side.



17. Align the Fabric with the Roller Bar, so that it is centered on the Roller Bar end to end.

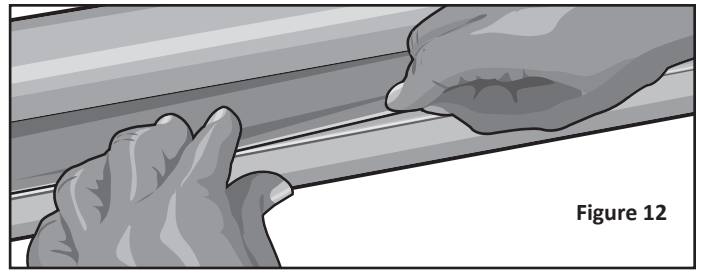
18. Carefully remove the backing from the Double Sided Tape you installed on the Roller Bar.

19. Starting at either end, align the edge of the Fabric with the Raised Guide on the Roller Bar. See **Figure 11**.



Note: You may choose to use tape or have your helper temporarily hold the Fabric in place on the Roller Bar as you complete the following step.

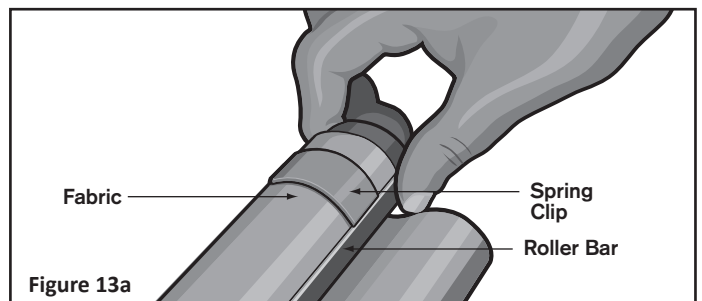
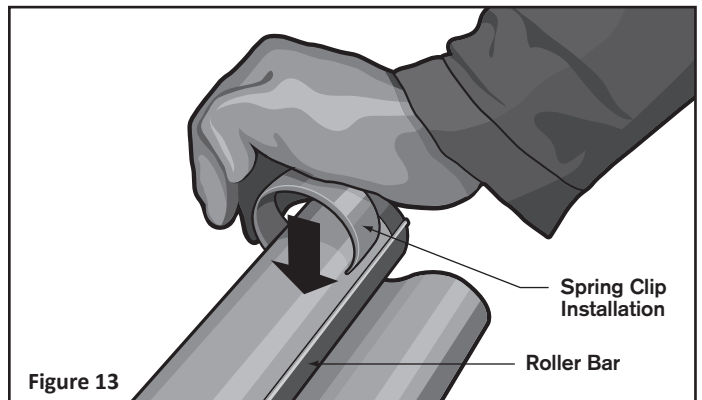
20. Press the Fabric onto the Double Sided Adhesive Tape to secure it in place. Move slowly down the Roller Bar until you have the replacement Fabric secured to the Roller Bar. See **Figure 12**.



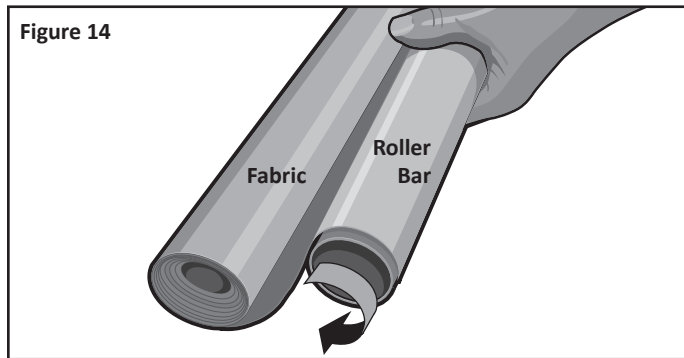
Note: One (1) Clip will be installed over the Fabric on each end of the Roller Bar, approximately one (1) inch from the outer edge of the Roller Bar. All remaining Clips will be installed equally distanced along the Roller Bar, between the two (2) End Clips. See **Figure 13**.

21. Install the existing or supplied Spring Clips over the Fabric, onto the Roller Bar. Align one end of the Clip with the Raised Guide, then using the palm of your hand, press the Spring Clip down, onto the Roller Bar. See **Figure 13** and **13a**.

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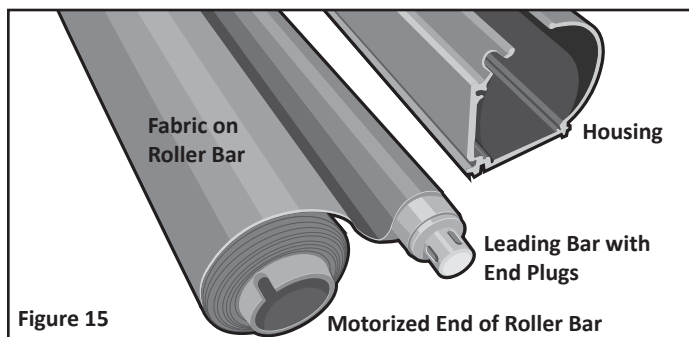
22. Carefully roll the Replacement Fabric onto the Roller Bar as shown in **Figure 14**.



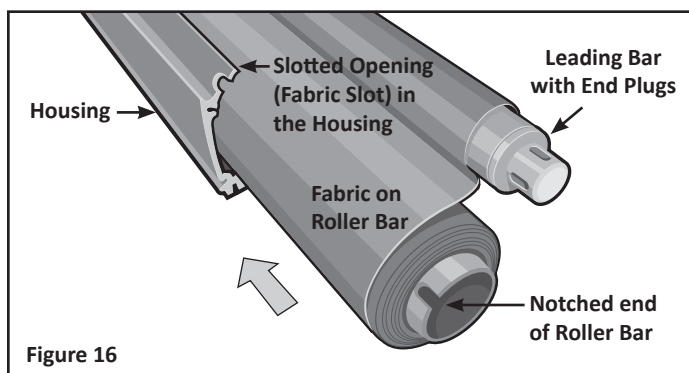
23. Locate the Leading Bar removed in Step 14 and slide it into the Pleat at the bottom edge of the Replacement Fabric. **Note: This step is not required if the same Fabric is being reattached.**

24. Place the EasyShade Housing in your work area.

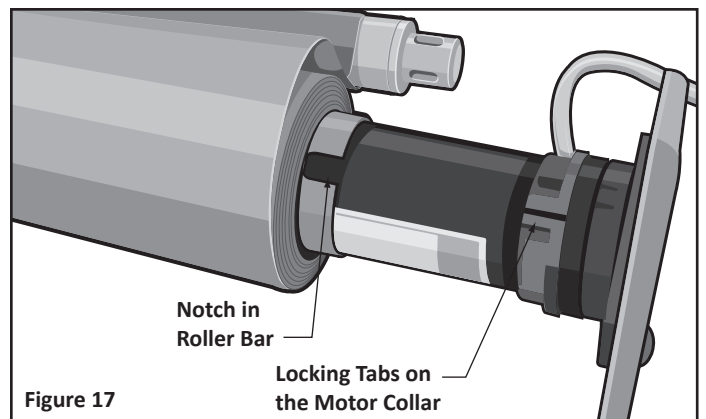
25. Orient the Leading Bar so that you can slide the non-motorized end of the Roller Bar into the Housing. See **Figure 15**.



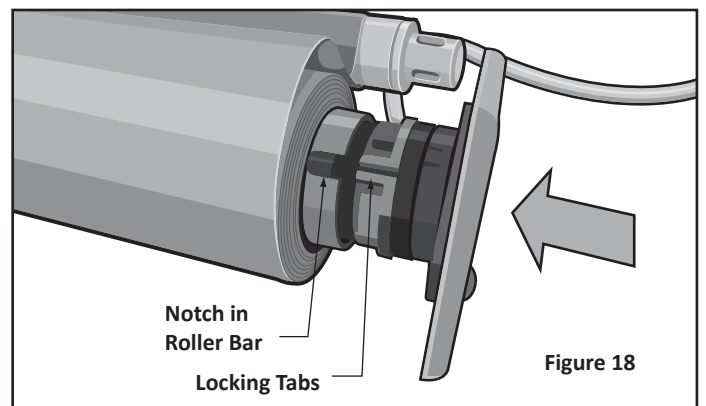
26. Carefully slide the non-motorized end of the Roller Bar and Fabric into the Housing until approximately six (6) inches of the Roller Bar still extends from the Housing. The Tube will lead the Fabric out of the slotted opening in the Housing. See **Figure 16**.



27. Locate the Motor removed in Step 8, and slide the Motor into the end of the Roller Bar, with the Motor aligned with the Notch cut in the end of the Roller Bar. See **Figure 17**.



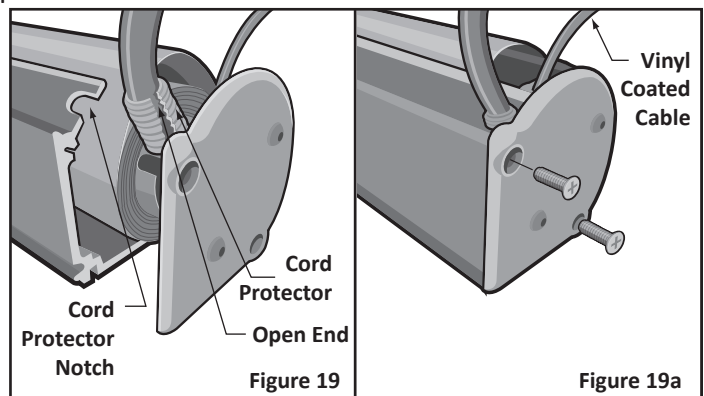
28. Rotate the Motor to align the Locking Tabs on the Motor Collar with the Notch on the Roller Bar. While holding the Roller Bar push the Motor into the Roller Bar until it is fully seated in the Notch, then slide the Roller Bar into the Housing. See **Figure 18**.



Note: The Motor Cord has a small white Plastic Cord Protector just below the Motor Head. See **Figure 19**.

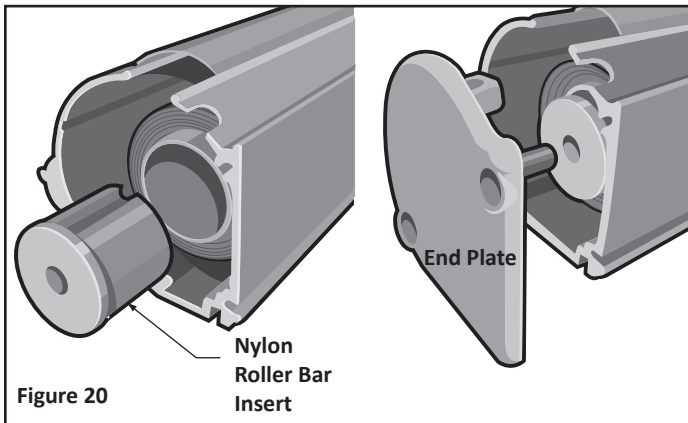
29. Align the Cord Protector so that the open side will face the end of the Housing (see **Figure 19**) and push the Cord and the Cord Protector into the Notch on the end of the Housing.

30. On the Motor end of the Housing, make sure that the Vinyl Coated Cable is positioned in the Fabric Slot. See **Figure 19a**. Align the End Plate with the Housing and install the two Phillips head screws to secure it in place.

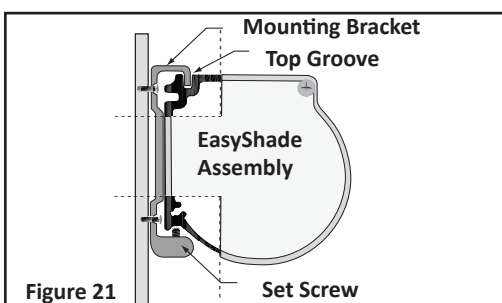


31. Locate the End Plate and the Nylon Roller Bar Insert for the other end of the EasyShade.

32. Slide the Nylon Roller Bar Insert into place, slide the End Cap into the Insert and make sure that the Vinyl Coated Cable is positioned in the Fabric Slot. Align the End Plate with the Housing and install the two Phillips head screws to secure it in place. See **Figure 20**.



33. With your helper, **carefully** lift the EasyShade assembly up to the installed Mounting Brackets and insert the Top Groove of the EasyShade assembly onto the protruding tab on the Mounting Brackets. While maintaining upward pressure to keep the Top Groove of the EasyShade assembly on the tab of the Mounting Brackets, press the EasyShade assembly toward the Mounting Bracket and be sure that the Set Screw is aligned in the recessed portion of the EasyShade assembly. See **Figure 21**.



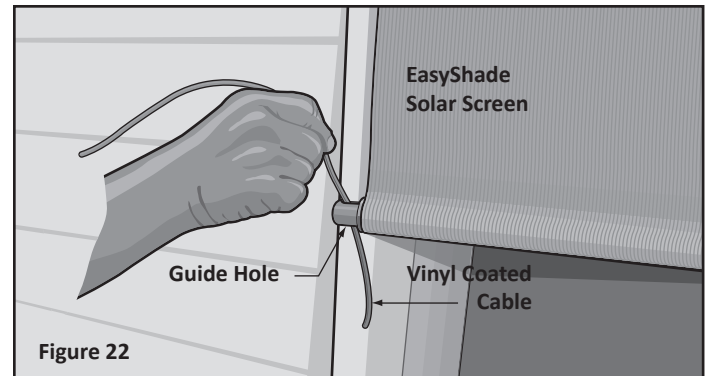
34. Tighten the Set Screw in each Mounting Bracket until the EasyShade assembly is secure.

35. Plug the Motor Power Cord into your electrical outlet.

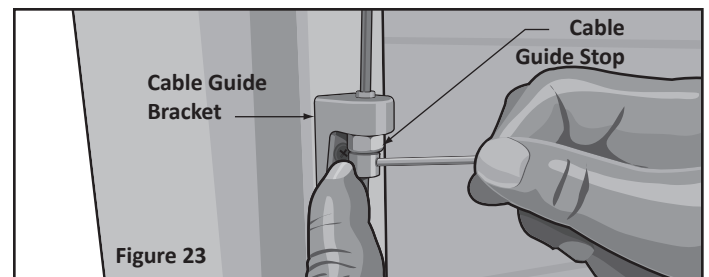
36. Unroll your EasyShade, using the DOWN button on your Remote Transmitter, approximately three (3) feet, and press the stop (**my**) button. Once you have unrolled the EasyShade Solar Screen, unplug the power cord from the electrical outlet.

37. At each end of the EasyShade Housing Assembly uncoil the Vinyl Coated Cable, allow it to hang flat against the mounting surface.

38. Insert the Vinyl Coated Cable located at each end of the Housing Assembly through the Guide Holes at each end of the EasyShade Solar Screen. See **Figure 22**.



39. Place the lower end of one of the Vinyl Coated Cables through the hole in the Cable Guide Bracket. From the bottom, slide one of the Cable Guide Stops onto the Vinyl Coated Cable and secure in place with the supplied $\frac{5}{64}$ " Allen wrench. Repeat for the other side of the EasyShade. See **Figure 23**.



40. You should check to ensure that the Vinyl Coated Cables are tight, if they seem to be loose you can adjust the tension using a $\frac{7}{16}$ " open end wrench as follows. On each of the Cable Guide Stops you will find $\frac{7}{16}$ " nut, by turning the nut Counter Clockwise you can tighten the Vinyl Coated Cable.

Note: DO NOT OVER TIGHTEN THE CABLE.

41. Plug the Power Cord back into the electrical outlet.

42. Test the operation of your EasyShade by using the UP and DOWN buttons on your Remote Transmitter.

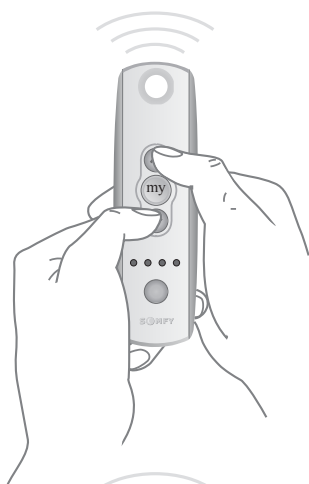
43. If you need to adjust the UP or DOWN limit, use the attached instruction sheet.

APPENDIX A




Adjusting Existing Up and Down Positions for a Motorized EasyShade

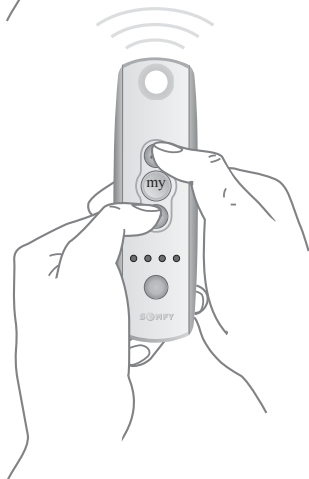
Follow these instructions if you wish to change your current Up or Down position limits. To change an existing position limit, the Motorized EasyShade must be able to reach the existing position and stop at that position on its own.

NOTE: Do Not exceed the 84" DOWN Limit as this will cause the screen to roll up backwards in the housing.






To Change the DOWN Limit:

Move the EasyShade to its current DOWN limit position and let it stop. Press the (UP)  and (DOWN)  buttons simultaneously until the EasyShade jogs, then release. Adjust to a new DOWN limit position. Press the (MY)  button until the EasyShade jogs, then release. Check the new DOWN limit.



To Change the UP Limit:

Move the EasyShade to its current UP limit position and let it stop. Press the (UP)  and (DOWN)  buttons simultaneously until the EasyShade jogs, then release. Adjust to a new UP limit position. Press the (MY)  button until the EasyShade jogs, then release. Check the new UP limit.

APPENDIX B

Resetting the Communication Between the Remote Transmitter and the Motor

This procedure describes the actions needed to reset the communication between the Motor and the primary Remote Transmitter used to control your Motorized EasyShade®. This procedure also overwrites the UP and DOWN positions with new positions and sets proper direction of Motor rotation.

Note: To ONLY change the UP and DOWN preset positions, follow the basic procedure in Appendix A.

Please set your Remote Transmitter to Channel 1, which is the first light on the left. Press the Channel Selector button on the Remote Transmitter to change the Channel.

WARNING: ALL STEPS MUST BE FOLLOWED EXACTLY AND COMPLETELY

Front View



PREPARE MOTOR

1. Read these instructions FIRST, completely and thoroughly.
2. Press and Hold the **my** button; the red light should blink for at least 5 seconds.
3. Disconnect Power for 2 full seconds.
4. Connect Power for 10 full seconds.
5. Disconnect Power for 2 full seconds.
6. Connect Power. Your EasyShade should move, then stop.
7. Press and hold the **Programming** button for ten seconds, watching for two separate jogs back and forth, several seconds apart.

A single jog is defined as a quick two-direction movement of the motor.

The first jog establishes this Remote as the Primary Remote Transmitter.

The second jog clears the **UP** and **DOWN** settings from the motor's memory.

SET PROPER DIRECTION OF MOTOR ROTATION

8. Press and Hold the **UP** and **DOWN** buttons together until your EasyShade jogs.
9. Press the **DOWN** button to check the direction of the motor.
10. If the direction is incorrect, change direction by Holding the **my** button until the motor jogs.

The **DOWN** button should cause the fabric to roll out of the housing, closest to the house.

SET THE UP AND DOWN POSITIONS

11. Move the EasyShade to the desired **UP** position.
12. Press and Hold the **my** and **DOWN** buttons together, then release them when the EasyShade begins to move. Be ready to stop it at the **DOWN** setting.
13. Press the **my** button to stop the EasyShade at the desired **DOWN** setting.
14. Use the **UP** and **DOWN** buttons to make adjustments to the desired **DOWN** position.
15. Press and Hold the **my** and **UP** buttons together; then release them when the EasyShade begins to move. The EasyShade stops at the **UP** position you just set in step 11.

FINALIZE PROGRAMMING OF THE MOTOR

16. Press and Hold the **my** button, wait for jog. The EasyShade **UP** and **DOWN** positions are set.
17. Press and Hold the **Programming** button, wait for jog.
18. Process complete. Test the EasyShade **UP** and **DOWN** settings.

Rear View



Add/Delete a Control Device (Transmitter)

To **ADD** an additional Control Device (second Remote, All Weather Remote or Wireless Switch).

- Press the Programming button on the back of the Transmitter that was supplied with the EasyShade 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.

A Place for Your Notes