Rainier Screen System Care and Maintenance

Following our maintenance suggestions will ensure years of worry free service for your Rainier SRS™ Screen. Contact your Rainier Screen System Dealer for additional information or if you have questions not answered below.

We recommend watching your screens while they are operating. Objects left under a motorized unit can prevent the unit from lowering. If this happens, lift the hem bar up manually (bottom bar on SRS Screens will only raise a couple of inches), remove the obstacle, and lower the hem bar. If it does not extend to a level position, use the remote up button and roll up the mesh until the bottom bar is level. Stop the unit, then lower it.

Interruption of power can affect motorized unit operation. Ensure that power is still getting to the unit by checking circuit breakers and ground faults for resetting. Remotes (in wall and handheld) have a limited battery life. If the remote light does not come on when the buttons are depressed, the battery needs to be replaced.

Rainier SRS Screens are intended to provide protection form the sun, privacy, and keep insects out. They provide limited retention and/or security of objects, animals or persons inside or outside your dwelling. Rainier screens are manufactured from solid fabric or fabric mesh which can be damaged or cut.

Ensure tracks are kept free of dirt and debris which may cause the screen to perform poorly. Cleaning the tracks and lubricating them with a dry silicone spray periodically can restore smooth operation. ***DO NOT*** use oil, grease, petroleum or oil based sprays - *these may attract dirt or impair the proper operation of your screen(s).*

Mesh and solid fabrics, housing, side tracks and hem bar can be cleaned with water and a soft brush but not with a pressure washer. A mild detergent — like dish soap — can be used, but do not use chemicals. After cleaning the mesh, rinse thoroughly and allow it to dry fully before rolling it back into the housing.

Screens with clear window vinyl can be cleaned and maintained with any of the many products on the market made for the care and maintenance of clear flexible vinyl We do not make any specific recommendations other than the following:

- Wash regularly with a mild soap and water, spraying down the curtain. Beware of washing with trapped grit in your cloth mit. Polish occasionally with any of the products made for maintenance of clear flexible vinyl.
- **Do Not** use Rainex - this will cause hazing, discoloration and distortion over time.
- **Do Not** leave curtains rolled up over prolonged periods. Roll down often to avoid clouding from trapped water, fold distortions, etc.
- Make sure screen is fully dry before retracting.

If the curtain has clouded due to water becoming trapped in it, leaving it exposed to direct sunlight for any length of time during the day, will allow the whiteness to gradually disappear. You can accelerate this with a heat gun or a common hair dryer. Hold 4-8 inches from surface (depending on heat and power of heat gun), working a 12 inch square area at a time. Be patient — it takes a few minutes, but you will suddenly see the cloud radiate out of the vinyl, concentric to the center of the heated area. **Do not** overheat or concentrate heat in one area for any length of time, as this will distort the vinyl.

Determining how wind will affect your Rainier SRS™ Screen and how much wind it can handle will require taking the following variables into account:

- Screen size: The width & height of your screen is a factor. Larger screens can handle less wind because they have a larger surface area exposed to wind load.
- Type of screen fabric: More open mesh type fabrics will withstand stronger winds than solid fabrics because they have a smaller surface area exposed to wind load.
- Type of wind: These are gusts, sustained winds, micro bursts, etc. Each of these can have a different affect on your screen.
- Screen location: Screens mounted against a structure can withstand stronger wind loads than screens mounted out in the open with nothing behind them.

It is recommended that screens be retracted in winds that exceed 40 mph. However, depending on the conditions above, your screen may need to be retracted before winds start to blow that strongly. Common sense is dictated here, and close observation of your screens reaction to wind.

In excessive wind, depending on the size of the screen, you may need to assist the screen in retracting or lowering due to the additional force and friction placed on the screen and side track operation. In lowering, if you see the screen not dropping as it should, press the stop button on the remote control and wait for the screen to finish dropping, or you may gently pull down on it until it stops. Then you can continue with the down operation and again watch for the slowing or stopping of the drop and repeat above procedure. When retracting in excessive winds, gently help the bottom bar/hem bar up as the motor retracts the screen if you notice it struggling to retract. This will protect your motor from overheating.

Your Rainier motorized screen has a thermal protective device built into the motor to protect it from overheating due to heavy loads of overuse. Should this happen, the motor will simply stop functioning for anywhere between 20-45 minutes to cool off. Once cooled down, it will again be functioning properly.

RAINIER SHADING

RETRACTABLE SCREENS ASSEMBLY INSTRUCTIONS

• CLASSIC •

MOUNTING FABRIC TO THE RAINIER SRS™ ROLLER TUBE ASSEMBLY

Step 1: Remove the front cover from the housing and set the cover aside until completing assembly. **(see fig. 1)**

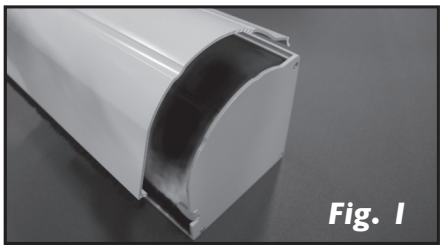


Fig. 1

Step 2: Place the fabric on flat surface and unroll about 12" to 18" of the fabric with the Velcro exposed at the top.

Step 3: Take out the roller tube/motor assembly from the housing and packaging. Place the roller tube/motor assembly on top of the fabric as shown. **(see fig. 2)**

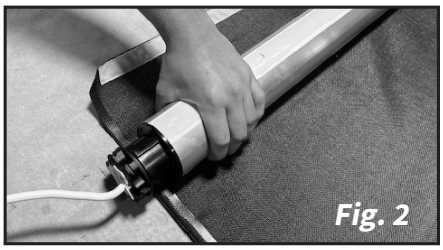


Fig. 2

Step 4: Line up the corners of the Velcro loops of the fabric to the Velcro hooks on the roller tube.
(see fig. 3a or 3b for a close-up view)


Fig. 3a

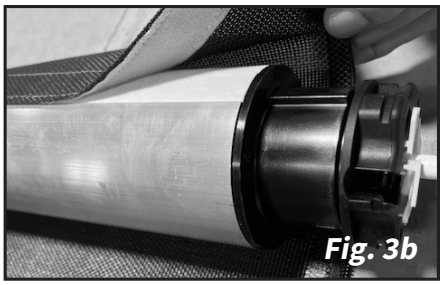


Fig. 3b

Step 5: Continue to attach the fabric to the roller tube, keeping it lined up with the bottom edge of the Velcro hooks on the roller tube. **(see fig. 4)**

(Note: Keep the fabric taut as you place it down, but don't stretch it. Stretching the fabric will allow it to end too far on the other side - and the fabric won't be centered on the roller tube.)

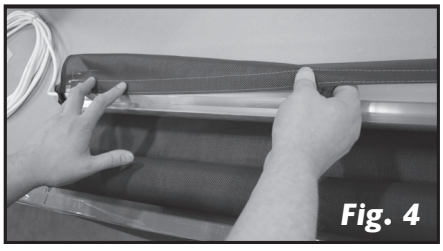


Fig. 4

Step 6: The fabric should be lined up even with the other end of the roller tube. This ensures your fabric will be centered properly. **(see fig. 5)**

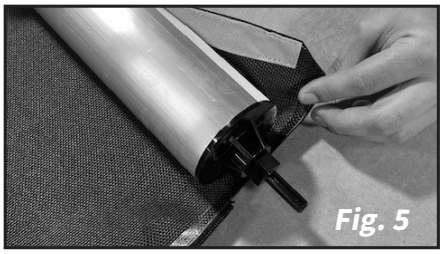


Fig. 5

rev. 6.24

Step 7: After the fabric is attached and centered on the roller tube, roll up the excess 12” to 18”. Attach a strap around the roller tube and the hem bar to contain this excess fabric. Do this for both left and right sides. **(see fig. 6 and 7)**


Fig. 6

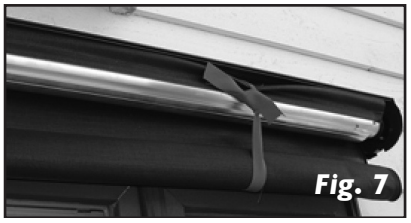


Fig. 7

Step 8: Attach the housing to the mounting surface.

Step 9: Install the roller tube/motor assembly into the housing, first by installing the idler assembly into the rollertube **(see fig. 8).** Then, place the motor onto the motor-mounting bracket on the other side. Then, attach the motor retaining ring clip and tighten screw.

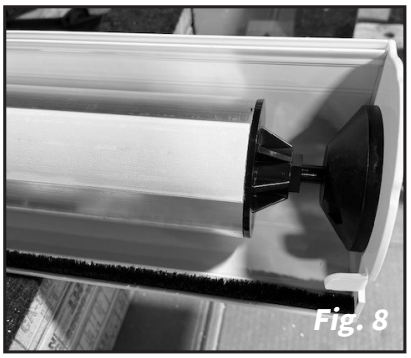


Fig. 8

Step 10: Once you are sure that the unit is safely attached inside the housing, you can release the straps and gently lower the fabric and bottom bar.

Step 11: Connect power to the unit and test that the roller tube is turning in the correct direction. When you press the up button, the top of the roller tube should be moving toward you. **(See fig. 9)**

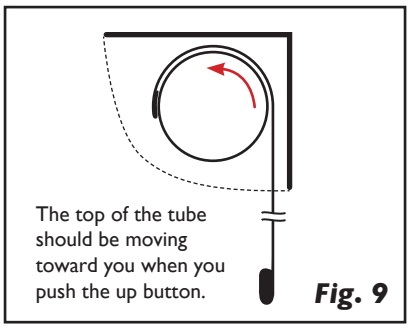


Fig. 9

Step 12: Install side tracks on fabric edges and attach hardware 6” up from bottom and 6” down from the top and one in center on larger drops, being sure to cross-measure tracks before final attachment.

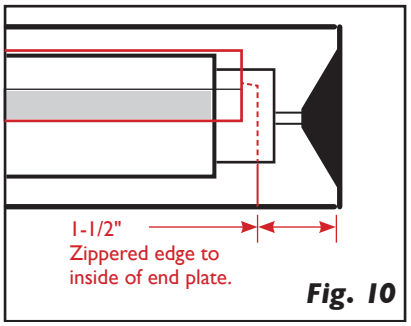


Fig. 10

If you have any questions, please contact our Product Support at 845.645.6995

Monday to Friday, 8 to 5 EST

rev. 6.24

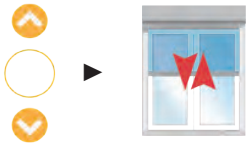
QUICK PROGRAMMING GUIDE FOR MAESTRIA™ 50 RTS MOTORS

IMPORTANT TO NOTE: Programming screens should not be inactive for more than 2 minutes or motor will exit PROGRAMMING MODE. In which case you will need to start from Step 1.

MANUAL SETTING OF THE END LIMITS

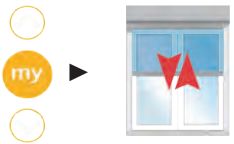
1. INITIATE PROGRAMMING

On the transmitter, press briefly both **UP and DOWN** simultaneously: the screen jogs.
INSTALLER TIP: It is the same procedure as with Altus motors.



2. CHECK THE DIRECTION OF OPERATION

Check the direction of rotation by pressing UP or DOWN. **If necessary** change the direction of rotation by simply pressing and holding the **MY** button until the screen jogs.



NOTE: *If hand-held transmitter direction is not properly programmed, Eolis/Soliris RTS sensor will not function in the manner it was intended. Damage to the screens and injury may occur as a result.*

3. PROGRAMMING MODE - MANUAL ADJUSTMENT

1) Position the screen at the desired **UPPER** Limit

2) Press **MY and DOWN** simultaneously: the screen lowers.

3) Position the screen at the desired **LOWER** Limit.

4) Press **MY and UP** simultaneously: the screen raises.

5) Press **MY** until the screen jogs to validate the end limit setting.

6) Briefly press the **programming button** on the back of the transmitter with a paper clip: the screen jogs.

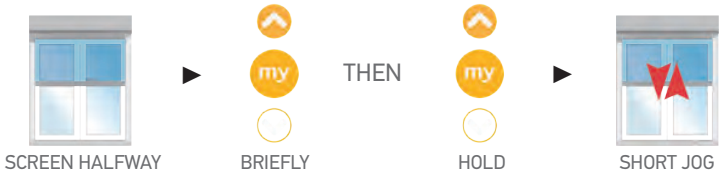
OBSTACLE DETECTION - CHANGE THE LEVEL OF DETECTION OR DEACTIVATE

When programming, all button presses must be completed within 2 seconds of the previous press.

This function gives the possibility to deactivate the obstacle detection or increase the sensitivity up from the default level during the downward movement.

1. ENTER THE OBSTACLE SETTING MODE

Move the screen to half-way position, press **MY and UP** briefly and again **MY and UP** until the screen jogs.



2. CHANGE THE OBSTACLE DETECTION LEVEL

If the actuator goes back to USER MODE (short jog) repeat Step 1.

To Deactivate:

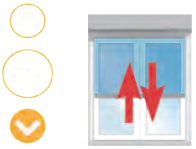
Press **UP** briefly within 2 seconds and then press **UP** briefly again. The sceen will jog slowly and is now deactivated.

IF THE JOG IS SHORT YOU'VE REACHED THE DEFAULT SETTING. TO DEACTIVATE PRESS UP AGAIN.

To Increase Sensitivity:

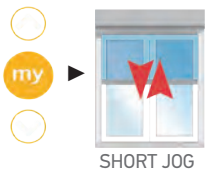
Press **DOWN** briefly within 2 seconds and then press **DOWN** briefly again. The sceen will jog slowly and is now more sensitive.

IF THE JOG IS SHORT YOU'VE REACHED THE DEFAULT SETTING. TO INCREASE SENSITIVITY PRESS DOWN AGAIN



3. CONFIRM THE NEW SETTING & EXIT THE SETTING MODE

Press **MY/STOP** until the screen jogs to confirm the new setting.



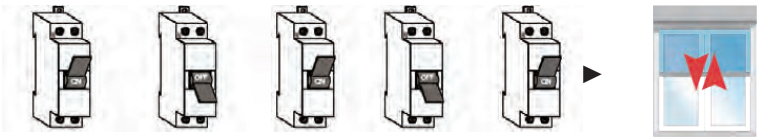
The registered level of Obstacle Detection will be reached when entering Step 1 again.

For more information please visit www.somfysystems.com/Maestria

QUICK PROGRAMMING GUIDE FOR MAESTRIA™ 50 RTS MOTORS USER MODE

RESETTING THE MOTOR TO FACTORY MODE

1.PERFORM DOUBLE POWER CUT-OFF



Power ON | Cut power for 2 sec. | Power back ON for 8 seconds | Cut power for 2 sec. | Power ON

SHORT JOG

2.FINISH THE RESET

Press & hold the **programming button** on the back of the control for about 7 sec.

SHORT JOG

The motor will jog after 2 seconds.

SHORT JOG

And then the motor will jog again validating the reset.

ADDING/ DELETING TRANSMITTERS

1. INITIATE PROGRAMMING

Press & hold the **programming button** (about 3 seconds) of an already programmed remote control. The motor will jog and is now in Programming Mode.

3 sec.

SHORT JOG

2A. ADDING A NEW TRANSMITTER

Briefly press the **programming button** on the back of the transmitter to be added. The motor jogs.

0.5 sec.

SHORT JOG

New transmitter is programmed and ready to operate the screen.

2B.DELETING A TRANSMITTER

Briefly press the **programming button** on the back of the previously programmed transmitter to be deleted. The motor jogs.

0.5 sec.

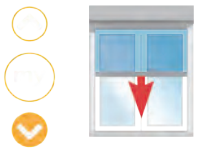
SHORT JOG

The transmitter is now deleted from the motor's memory.

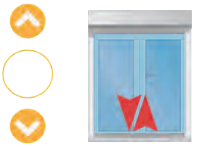
ADJUSTING LIMITS AFTER PROGRAMMING IS COMPLETED

TO CHANGE THE LOWER LIMIT

STEP 1: Press **DOWN** to send the screen to its current LOWER Limit.



STEP 2: Press and hold both **UP and DOWN** simultaneously until the screen jogs.



STEP 3: Adjust to a new LOWER Limit position.

OR

STEP 4: Press & hold the **MY/STOP** button until the screen jogs, to confirm the new limit.

TO CHANGE THE UPPER LIMIT:

STEP 1: Press **UP** to send the screen to its current UPPER Limit.

STEP 2: Press and hold both **UP and DOWN** simultaneously until the screen jogs.

STEP 3: Adjust to a new UPPER Limit position.

OR

STEP 3: Press & hold the **MY/STOP** button until the screen jogs, to confirm the new limit.