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Vista and Motorized Awning Roller Bar Replacement Instructions

* Helper needed *

Tools needed: 7/16" wrench, chalk, 10 mm wrench, Hammer, Vise Grip Locking Pliers

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 ARE FACING THE HOUSE.

1. Open the awning to the fully extended position.
2. Using the manual crank wand, continue to unroll the fabric until you expose the fabric slot in the roller bar.

Roller Bar replacement on Motorized Models:

- 3a. Unplug the power cord from the wall outlet. For awnings with the wall switch, set the switch in the neutral position.
- 4a. For awnings with a wall switch or receiver box, disconnect the motor cord from the top of the wall switch or bottom of the receiver box, whichever is applicable.
- 5a. While your helper supports the end of the roller bar on the motor side, remove the two ¼-20 hex bolts and washers that connect the motor to the roller bracket. Note the threaded holes on the motor plate and the holes in the roller bracket that the bolts are removed from.
- 6a. As you slide the motor out of the roller bar, make a chalk mark on the slot in the black tube driver at the end of the motor. This is necessary to ensure that the motor is reinstalled in the same position in the new roller bar.
- 7a. On the roller bar end that is opposite the motor, move the roller cap out of the hole in the roller bracket. Do not lose the dark gray bushing that is on the pin end of the roller cap.

- 8a. Allow the roller bar, with the fabric still attached, to slide down the arms toward the front bar a approximately 2-3 feet. The awning fabric will lie across the extended arms. Have your helper support the roller bar on the arms.
- 9a. While your helper holds the fabric stationary, slide the roller bar off of the fabric.
- 10a. Insert the fabric into the new roller bar end with the installed roller cap first. Using this end will allow for a smoother entry point for the fabric. Slide the roller bar completely on the fabric.
- 11a. Place the dark gray bushing over the pin on the end of the roller cap.
- 12a. Insert the roller cap and bushing into the hole in the roller bracket.
- 13a. Insert the motor into the new roller bar, aligning the chalk mark that you made on the slot in the black tube driver with the roller bar slot.
- 14a. Attach the motor to the roller 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 7/16” wrench. If the motor is on the right side, the black plastic protective cover should be facing up, away from the ground. If the motor is on the left, the yellow plastic protective cover should be facing toward the ground. Note: Black plastic cover is only used with motors installed on the right hand side of the awning.

Roller Bar replacement on Vista Models:

- 5b. While your helper supports the end of the roller bar on the gear assembly side, remove the two 10mm hex bolts and washers and nuts that connect the gear assembly to the roller bracket. Note the holes on the gear and the holes in the roller bracket that the bolts are removed from.
- 6b. On the roller bar end that is opposite the gear assembly, move the roller cap out of the hole in the roller bracket. Do not lose the dark gray bushing that is on the pin end of the roller cap.
- 7b. Allow the roller bar, with the fabric still attached, to slide down the arms toward the front bar a approximately 2-3 feet. The awning fabric will lie across the extended arms. Have your helper support the roller bar on the arms.
- 8b. While your helper holds the fabric stationary, slide the roller bar off of the fabric.
- 9b. While your helper holds the roller bar and fabric stationary, use the locking pliers to clamp onto the **square drive shaft extending out of the gray roller cap** (end that gear assembly was removed from). Use the hammer to tap on the locking pliers and remove the gray cap from the roller bar.
- 10b. Insert the fabric into the new roller bar end with the installed roller cap first. Using this end will allow for a smoother entry point for the fabric. Slide the roller bar completely on the fabric.

- 11b. Place the dark gray bushing over the pin on the end of the roller cap.
- 12b. Insert the roller cap and bushing into the hole in the roller bracket.
- 13b. Insert the gray roller cap with the square shaft into the open end of the roller bar.
- 14b. Attach the gear assembly to the roller bracket with the two 10mm hex bolts, nuts and washers.
15. Center the fabric on the roller bar and on the front bar.
16. While keeping the fabric reasonably stretched on the roller bar, use the manual crank wand to slowly roll the fabric onto the roller bar, until both arms start to close
17. If applicable: reconnect the motor cable to the wall switch or receiver box and make sure that the wall switch is set in the neutral position. Plug the power cord back into the wall outlet.
18. Test the awning for proper operation.

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