



SERVICE BULLETIN 2019-02-01

FEBRUARY, 2019

FREESTYLE RM AUTO-RETRACT WIRING

Service

It has been recently reported in a few instances that the awning extends during travel. This can be caused by the wiring being reversed causing the auto-retract system to extend the awning from a closed position.

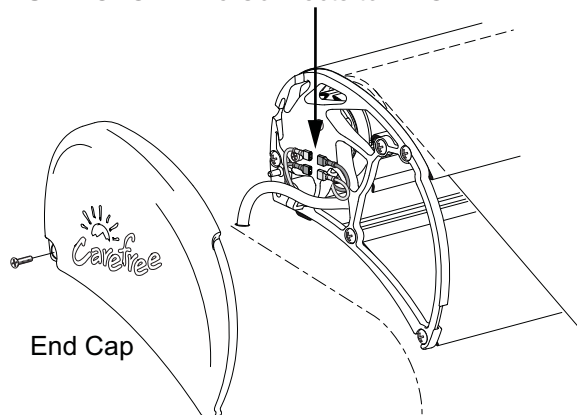
TEST THE SYSTEM

Before the vehicle is released, it is important that the awning is tested for proper operation.

- 1) Partially extend the awning approximately half way out.
- 2) Briskly shake the lead rail vertically up and down to simulate a strong wind.
 - a) If the awning retracts, the auto retract is functioning correctly.
 - b) If the awning extends, check the motor connections at the motor.

CHECKING THE CONNECTIONS

- 1) Remove the LH (motor side) end cap.
- 2) The correct wiring is: **BROWN MOTOR Wire Connects to BLUE HARNESS Wire**
BLUE MOTOR Wire Connects to BROWN HARNESS Wire



FRM012

- 3) Correct the connections as necessary and retest.



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It has been recently reported in a few instances that the awning extends during travel. This can be caused by the wiring being reversed causing the auto-retract system to extend the awning from a closed position.

TEST THE SYSTEM

- 1) Partially extend the awning approximately half way out.
- 2) Briskly shake the lead rail vertically up and down to simulate a strong wind.
 - a) If the awning retracts, the auto retract is functioning correctly **no further action is required.**
 - b) If the awning extends, check the connections at the motor and switch. The corrective actions are described below.



WARNING SHOCK HAZARD. ALWAYS disconnect battery or power source before working on or around the electrical system.

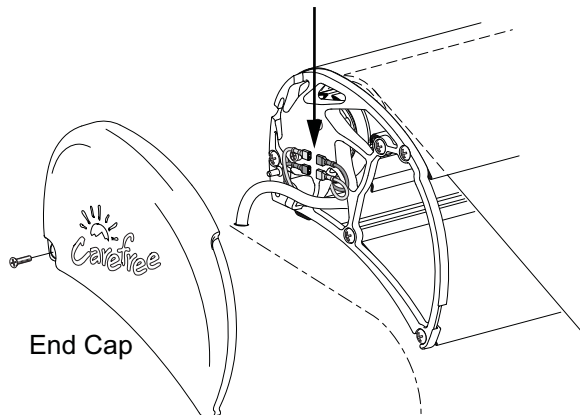


WARNING FALL HAZARD. ALWAYS use a ladder that meets or exceeds the standards and requirements of the American National Standards Institute and the Occupational Safety and Health Administration. ALWAYS follow the manufacturer's instructions for ladder safety. Failure to follow this warning could result in death or serious bodily injury.

CORRECTIVE ACTIONS

Check the motor connections:

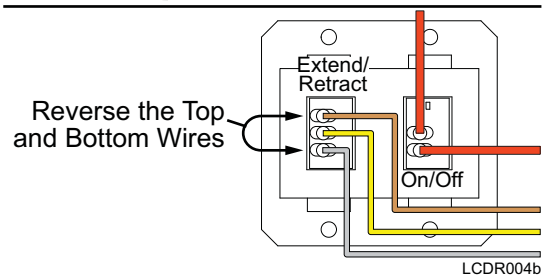
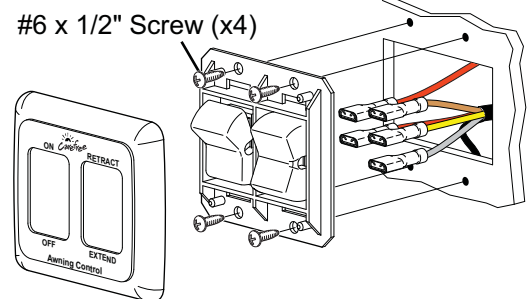
BROWN MOTOR Wire Connects to BLUE HARNESS Wire
BLUE MOTOR Wire Connects to BROWN HARNESS Wire



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- 1) Remove the LH (motor side) end cap. The motor connections are exposed under the end cap.
- 2) The correct wiring is shown **in the diagram above.**
- 3) Correct the connections **as necessary if different.**

Check the switch connections:



- 1) Snap the switch cover off of the switch assembly.
- 2) Remove the 4 attaching screws and remove the switch assembly from the mounting surface.
- 3) On the back of the Extend/Retract switch reverse the top and bottom wires.
- 4) Reinstall the switch and cover.

Retest auto retract and switch functions.

DEALER USE ONLY

DEALER LABOR ALLOWANCE: .5 Hours – Test with no issues found
.75 Hours – Test and Correct