



RV

*12V Motorized Lateral Arm Awning
with Direct Response*



*Before operating the awning, carefully review the Owner's Manual.
The manual contains important safety information, detailed operating
instructions, common maintenance and other useful information.*



Single Stage

Dual Stage



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Special Note: This manual provides a basic description of the product and the standard operating controls provided by Carefree of Colorado. Some Original Equipment Manufacturers (OEM's) may alter or change the placement, style and/or functional configuration of the switches. If your controls do not match the style or description included, contact the coach manufacturer for an accurate description.

INTRODUCTION

From its beginning in the early 70's, Carefree of Colorado has emerged as the premier manufacturer of quality awnings and accessories for Recreational Vehicles (RVs). Our full line of products can provide the accessories that match your life style; no matter what type of RV you own. Check with your dealer to discover the products that can make your life more Carefree.

The Carefree Latitude awning is state of the art with lateral support arms that provides strength and functionality without interfering with coach sidewalls, custom graphics or equipment that may be mounted on the sidewalls.

- *When retracted, the streamlined styling blends in with the RV sidewall and is a perfect complement to other Carefree products.*
- *The awnings are made with heavy duty construction.*
- *The Latitude is uses Carefree's Direct Response™ system.*
The unique and innovative electronic control system provides interior pushbutton controls for standard extend/retract functions. The auto-retract system engages to automatically retract the awning in windy conditions.

SERVICE AND SUPPORT

	www.carefreeofcolorado.com/latitude
	customerservice@carefreeofcolorado.com
	Carefree of Colorado 2145 W. 6th Ave. Broomfield, CO 80020

WARNINGS AND CAUTIONS



This is the safety alert symbol. It is used to alert individuals to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible personal injury or death.



WARNING This product can expose you to chemicals including Diisodecyl phthalate (DIDP), Vinyl Chloride and Formaldehyde, which are known to the state of California to cause cancer or birth defects or other reproductive harm. For more information visit www.P65warnings.ca.gov



WARNING Risk of fire. Keep all sources of heat and flame away from the awning canopy. Fabric is NOT fireproof.

NOTICE

Awnings are designed to provide shade and protection from the sun. The effects of wind and rain on an awning are unpredictable and can cause severe damage to the awning and/or the vehicle. If wind or extended periods of rain are expected, roll up the awning.

NOTICE

The Carefree Direct Response System is a premier electronic auto-retract system that provides protection against adverse elements; but no auto-retract system is a guarantee against severe or destructive weather; the effects of wind and rain on an awning are unpredictable and may cause severe damage to the awning and/or vehicle. If wind or extended periods of rain are expected, roll up the awning.

NOTICE

It is recommended that if leaving the RV unattended for a length of time, retract the awning to avoid unexpected weather conditions.

NOTICE

The Latitude awning is a free-standing (self-supporting) lightweight awning with auto retraction. Do not hang items from the awning or use tie down devices. Use of such objects can cause serious damage to the awning that is not covered by warranty.

NOTICE

If installed, LED lighting must be turned off when the awning is in the rolled up position. This is to prevent possible damage to the LEDs and/or canopy.

NOTICE

When the awning is in the retracted (rolled up) position, shut off the power switch to avoid accidentally extending the awning. For safety, the power switch must be turned off before moving the RV.

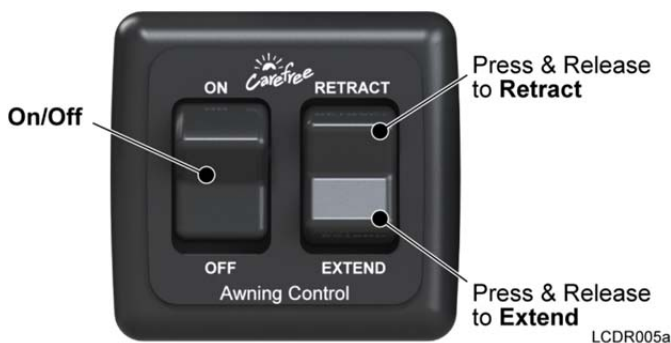
Additional Cautions and Notices are included in the text for the proper operation of the awning.

OPERATION

The *Direct Response*™ system detects awning motion caused by windy conditions. The sensor is located in the lead rail.

The system operates by gauging the motion of the awning's front edge. When the motion exceeds the factory preset threshold value the system automatically retracts the awning.

IMPORTANT NOTE: The auto-retract system is ON when the power is ON. The system is OFF when the power switch is OFF. If the power is shut off while the awning is extended, the awning is not protected by the auto-retraction system.



To Operate the Awning:

- Press the power switch to ON. When power is on, the Direct Response system is active and the manual controls are active. When power is OFF, all functions are disabled.
- To OPEN: Press and release the extend switch. The awning will open completely. To interrupt the awning extension, press and release the extend switch.
- To CLOSE: Press and release the retract switch. The awning will close completely. To interrupt the awning retraction, press and release the retract switch.
- When the awning is in the retracted (rolled up) position, shut off the power switch to avoid accidentally extending the awning. For safety, the power switch must be turned off before moving the RV.

LED's

White (monotone) LEDs are a popular option providing lighting beneath the awning. Factory installed LEDs are located on the roller tube.

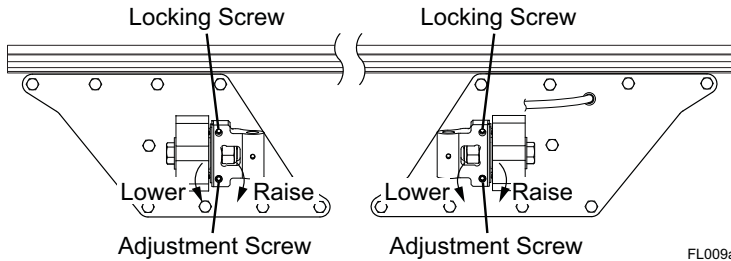
To operate the White LED lights, press the LED power switch ON.

NOTE: Some OEMS may furnish their own switch that may appear differently than the switch pictured or may have the LED's operated through a multiplexing control center.



PITCH ADJUSTMENT

The pitch for Latitude can be adjusted to optimize the awning performance. It is strongly recommended that adjustments be made in small increments.



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This procedure works best with 2 people; one person to lift the roller tube to relieve the weight and one person to make the adjustments.

NOTICE Do Not use power tools, always use hand tools to make adjustments.

1. Open the awning.
2. At the top of the knuckle loosen the locking screw approximately 1/4".

NOTICE The locking screw must be loosened first.

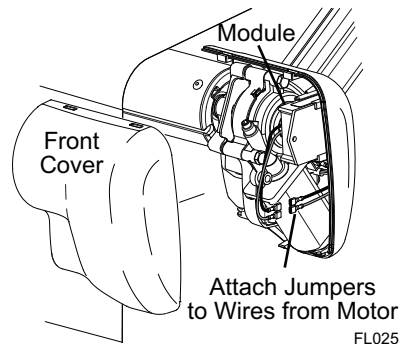
3. To raise the pitch: Turn the lower adjustment screw clockwise.
4. To lower the pitch: Turn the lower adjustment screw counterclockwise.
5. Hand tighten the locking screws until snug.

NOTICE Do not overtighten the locking screw. Overtightening the screw can cause unnecessary strain and wear on the knuckle.

EMERGENCY OVERRIDE

If power to the vehicle is not available, the awning can be safely retracted by jumping the motor using a 10V-14V power source such as a cordless drill battery or car battery.

1. Remove the front cover. The cover snaps onto the rear cover. To remove, press the bottom of the rear cover until the front cover releases then lift the front cover off.
2. Detach the RED and BLACK wires from the module to the motor.
3. Attach jumper wires to the motor wires.
4. Connect the other ends of the jumper leads to a 12-14V source. If the awning moves in the wrong direction, reverse the leads. Maintain contact throughout the retraction process.



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5. When the awning is closed, remove the jumper wires and reattach the module wires to the motor wires. Be sure to match the wire colors.
6. Snap the front cover onto the rear cover. Hang the cover on the top and swing down until it clicks.

AWNING CARE

Maintaining a Carefree Awning is easy. Just follow these basic steps:

- Always operate the awning according to the instructions.
- Periodically check that the fasteners are tight. Tighten if necessary.
- Keep the awning fabric and arms clean.

FABRIC CARE

NOTICE Do not use oil based cleaners or any caustic, granulated, or abrasive type cleaners on your Carefree product.

1. One of the best ways to keep the fabric looking good and to delay the need for deep or vigorous cleanings is to hose fabrics off on a monthly basis with clear water. This practice will help prevent dirt from becoming deeply imbedded in the fabric. In most environments, a thorough cleaning will be needed every two to three years.
2. When it's time for a thorough cleaning, the fabric can be cleaned while still on the awning frame.
 - For Vinyl Fabric – Use a soft brush and warm water with soap.
 - For Acrylic Fabric – Use a stiff brush and warm water with soap.
3. When cleaning the fabric, it is important to observe the following:
 - Always use a natural soap, never detergent.
 - Water should be cold to lukewarm, never more than 100°F.
 - Air-dry only. Never apply heat to the fabric.
 - Always allow the fabric to dry thoroughly before rolling up the awning.

MILDEW

Mildew is a fungus growth that looks like dirt. Vinyl coated polyester fabrics are mildew resistant because of a chemical biocide in the vinyl coating. Under ordinary conditions, mildew will not appear. However, in areas where high temperature and humidity are common, mildew can be a problem and require the material to be washed more frequently.

POOLING

When water collects on the top of the fabric, this is known as "pooling". This can occur during inclement weather or if a running air conditioner discharges over the awning. The water is dumped when the awning is retracted. It is recommended that if water accumulates; retract the awning in steps (8"-12") to dump the water. This will help prevent the fabric from stretching or distorting.

LEAKING

On vinyl canopies, side hems and poly cords are stitched in with a sewing machine. On occasion, this stitching may allow water to seep or leak through the stitches. This is normal and not a defect covered by warranty. Treat the seams with a quality seam sealer.

CAREFREE MAJOR PRODUCT LIMITED WARRANTY

Carefree of Colorado (hereafter referred to as Carefree) warrants to the first retail Purchaser that the Carefree Product is free of defects in material and workmanship within the terms and conditions as set forth in the warranty statement available online at www.carefreeofcolorado.com. Carefree's obligation under this warranty is limited to the repair or replacement, at Carefree's option, of any defective component with new or factory refurbished components.

OWNER MUST RETAIN THE ORIGINAL PROOF OF PURCHASE AND/OR HAVE THE PRODUCT WARRANTY REGISTRATION ON FILE AT CAREFREE FOR WARRANTY CLAIMS.

THIS WARRANTY IS NOT TRANSFERABLE.

Visit www.carefreeofcolorado.com for

- **Warranty Duration;**
- **Warranty Coverage and Exclusions;**
- **Warranty Terms of Coverage; and,**
- **Warranty Claim Procedures**

Register your Carefree products on-line at:

www.carefreeofcolorado.com

IMPORTANT NOTE: It is strongly recommended that adjustments and repairs not described in this book be performed by trained technicians at your Authorized Carefree Dealer. Work performed by non-authorized persons or businesses may void warranty.





This manual is provided courtesy of **RV Tech Cheat Sheet**



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We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



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Follow proper safety practices. If in doubt, consult a professional RV technician.