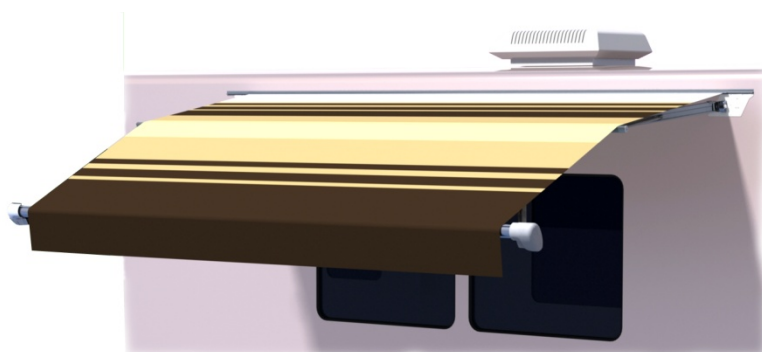
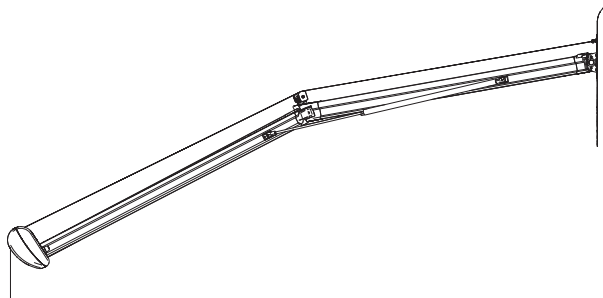


SINGLE STAGE



DUAL STAGE

PROPRIETARY STATEMENT

The Latitude Awning is a product of Carefree of Colorado, located in Broomfield, Colorado, USA. The information contained in or disclosed in this document is considered proprietary to Carefree of Colorado. Every effort has been made to ensure that the information presented in the document is accurate and complete. However, Carefree of Colorado assumes no liability for errors or for any damages that result from the use of this document.

The information contained in this manual pertains to the current configuration of the models listed on the title page. Earlier model configurations may differ from the information given. Carefree of Colorado reserves the right to cancel, change, alter or add any parts and assemblies, described in this manual, without prior notice.

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SAFETY INFORMATION

⚠ WARNING A WARNING INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY AND/OR MAJOR PROPERTY DAMAGE.

⚠ CAUTION A caution indicates a potentially hazardous situation that may cause minor to moderate personal injury and/or property damage. It may also be used to alert against unsafe practices.

NOTE: A note indicates further information about a product, part, or step.

Tip: A tip provides helpful suggestions.

Safety Notes:

- To avoid shock hazard and/or accidental system shorting, always disconnect battery or power source before working on or around the electrical system.
- Always wear appropriate safety equipment (i.e. goggles).
- Awnings have significant weight. Always use appropriate lifting devices and/or helpers when lifting or holding heavy objects.
- When using fasteners, use care to not over tighten. Soft materials such as fiberglass and aluminum can be "stripped out" and lose the ability to grip and hold.

Reference Publications located @ www.carefreeofcolorado.com:

070005-001 Installation Manual

070005-201 Owner's Manual

070005-301 Service Manual

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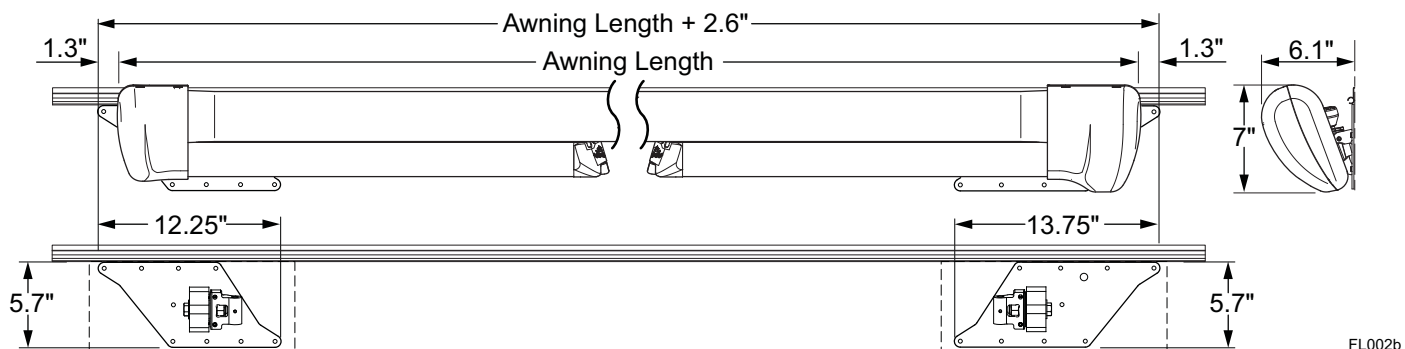
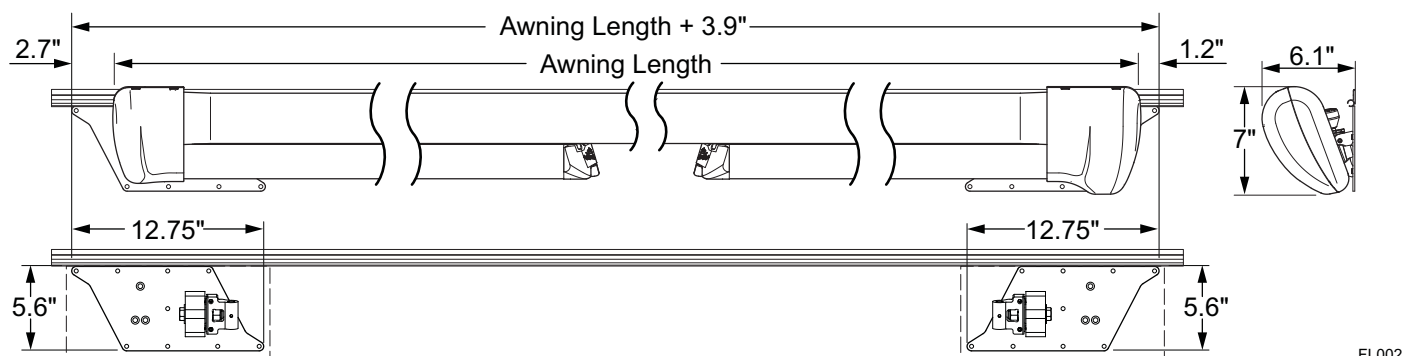
PRODUCT OVERVIEW

The Latitude Awning is a state of the art lateral arm awning. Each unit is equipped with lateral support arms. No vertical arms interfere with coach sidewalls, custom graphics or equipment mounted on the sidewalls.

- Fully retractable and self-storing;
- Available in two configurations: single stage or dual stage;
- The awning motor operates on standard 12VDC (range 10VDC to 14VDC);
- Single touch operation for extend and retract;
- Direct Response is standard;
- LED lights standard, mounted in roller tube;

SPECIFICATIONS

| | | | | | | | |
|---|--------------|--|-----------|------------------------|-----------|-----------|-----------|
| Length | Single Stage | 10' 4" – 20' [3.15m – 6.1m] | | | | | |
| | Dual Stage | 10' 4" – 18' [3.15m – 5.49m] | | | | | |
| Support: | | Lateral Spring Arms | | | | | |
| Motor: | | Power: 10VDC–14VDC | | Circuit Rating: 15 amp | | | |
| (motor is mounted in RH roller tube head) | | | | | | | |
| Power Source: | | Motor and controls are routed and hardwired into the vehicle's 12V system | | | | | |
| Controls: | | Carefree Direct Response | | | | | |
| Color: | Hardware: | White or Black | | | | | |
| | Fabric: | Heavy Duty Vinyl with Weatherguard or FLXGuard (refer to sales literature for colors and options) | | | | | |
| Weight: | | 10' 4" | 12' | 14' | 16' | 18' | 20' |
| | Single Stage | 45.5 lbs. | 48.3 lbs. | 51.7 lbs. | 55.0 lbs. | 58.3 lbs. | 61.6 lbs. |
| | Dual Stage | 52.1 lbs. | 55.9 lbs. | 60.4 lbs. | 65.0 lbs. | 69.6 lbs. | n/a |

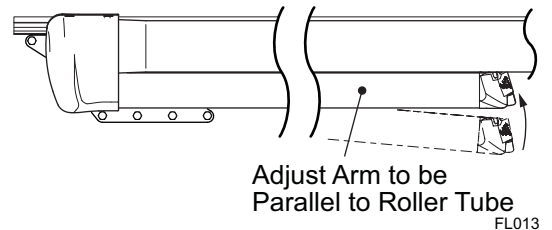
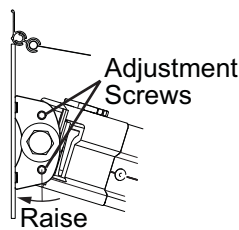


STANDARD SYSTEM ADJUSTMENTS

ADJUSTING THE ARM POSITION

For the awning to operate and close correctly, the arms must be parallel to the roller tube. If the arm sags, the arm position can be adjusted to bring the arm parallel.

1. Open the awning 2"-3" to access the adjustment screws located on the side of the arm knuckle at the wall.
2. Loosen the upper screw (counterclockwise).
3. Tighten (clockwise) the lower screw to raise the arm elbow.



NOTE: Make adjustments in quarter turn increments.

Tip: Lift the arm at the elbow while tightening the lower screw.

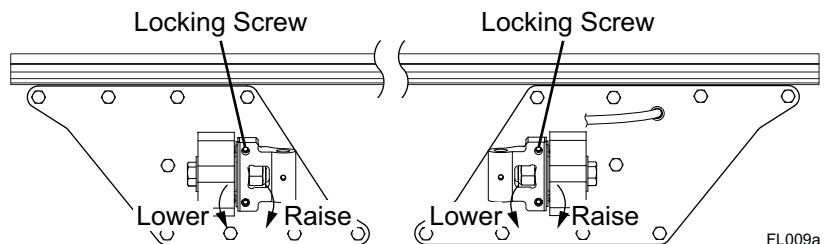
4. Repeat steps 2 and 3 until the arm is parallel with the roller tube.
5. Tighten the upper screw.

ADJUSTING THE PITCH

The awning pitch can be adjusted. It is strongly recommended that adjustments be made in small increments to achieve the desired setting.

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.

1. Open the awning.
2. Loosen the locking screw at the top of the knuckle.
3. To raise the pitch: Turn the lower adjustment screw clockwise.
4. To lower the pitch: Turn the lower adjustment screw counterclockwise.



5. Tighten the locking screws when the desired pitch is achieved.

Important Note: After the initial installation and the awning is opened, the awning may settle. This is normal. Check that the locking screws on the knuckle are snug.

CANOPY REPLACEMENT

1. Extend the awning completely.
2. Firmly tie the elbows of the spring arms together. Use a minimum 1/2" rope - do not use bungee cords. When tying the rope, use a non-slip knot such as a square knot or equivalent.

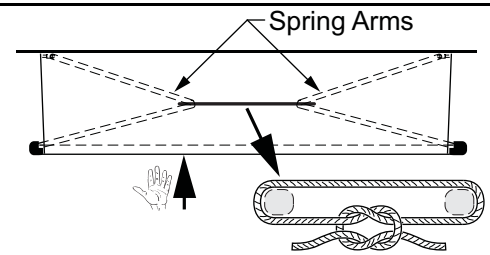
⚠CAUTION FAILURE TO SECURE THE ARMS WILL ALLOW THE SPRING ARMS TO EXTEND POSSIBLY CAUSING PERSONAL INJURY AND DAMAGE TO THE AWNING.

3. Over extend the awning to align the fabric slot with the cutout on the idler side. This will cause slack in the fabric.
4. Disconnect Power.

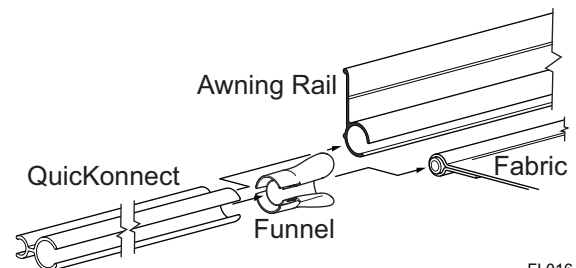
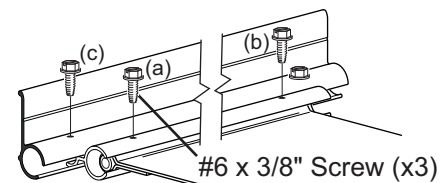
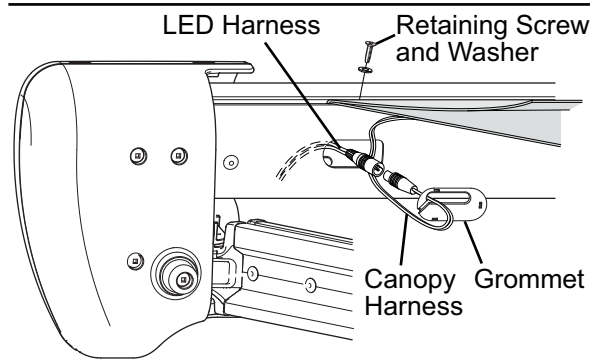
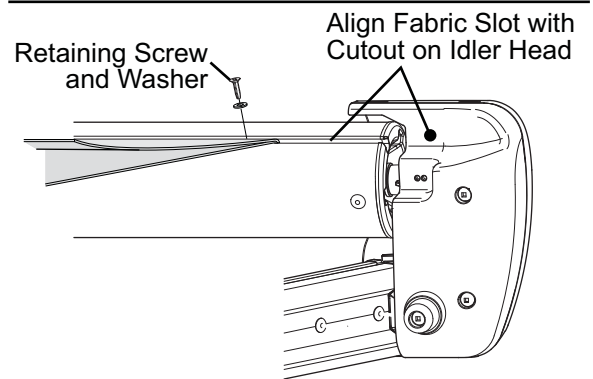
⚠CAUTION WHEN THE POWER IS ON, THE DIRECT RESPONSE SYSTEM IS ACTIVE. MOVEMENT DURING THIS PROCEDURE CAN CAUSE THE AWNING TO ATTEMPT TO CLOSE UNEXPECTEDLY.

5. At the roller tube:
 - 5.1. Remove the fabric retaining screws and plastic washers (quantity of 2 ea).
 - 5.2. On the motor side, remove the split grommet from the roller tube. Carefully pull the wires and connectors out of the tube and disconnect.
6. At the awning rail, cut the LED harness close to the canopy. Clamp the harness going into the vehicle to prevent it from falling in the wall.
7. For canopies with QuickConnect:
 - 7.1. Remove the fabric retaining screws from the QuickConnect (a & b).
 - 7.2. Remove one retaining screw from the awning rail (c).
 - 7.3. Slide the QuickConnect from the awning rail and canopy.
 - 7.4. Slide the canopy out of the roller tube.
 - 7.5. Slide the new canopy into the roller tube and center.
 - 7.6. At the reinforcements in the canopy, secure the fabric to the roller tube with the retaining screws and washers removed previously.
 - 7.7. Slip the fabric funnel onto the QuickConnect.
 - 7.8. While holding the fabric, simultaneously slide the QuickConnect into the awning rail and over the canopy.
 - 7.9. Remove the funnel from the QuickConnect.
 - 7.10. Place one (1) #6 x 3/8" screw (c) through the awning rail outside the end of the QuickConnect (not through the QuickConnect).

8. For canopies without QuickConnect:
 - 8.1. Remove the fabric retaining screws from the awning rail.
 - 8.2. Slide the canopy out of the roller tube and awning rail.
 - 8.3. Slide the new canopy into the roller tube and awning rail and center in the roller tube.
 - 8.4. At the reinforcements in the canopy, secure the fabric to the roller tube with the retaining screws removed previously.



Firmly Tie Elbows Together



FL016

9. While firmly pressing the roller tube, remove the arm ties. Slowly allow the roller tube and arms to extend.
 10. Restore power.
 11. Retract the awning and check that the canopy is rolling up squarely onto the roller tube. Adjust as necessary.
 12. Place one (1) #6 x 3/8" screw (a) through the QuickConnect (or awning rail if the QuickConnect is not used), fabric and polyrod approximately 1" in from the fabric edge
 13. On the opposite side, pull the fabric tight then place one (1) #6 x 3/8" screw (b) through the QuickConnect (or awning rail if the QuickConnect is not used), fabric and polyrod approximately 1" in from the fabric edge.
 14. Connect the LED harness:
 - 14.1. At the roller tube, connect the canopy harness connector and LED connector. Then carefully push the connectors into the roller tube.
 - 14.2. Place the split grommet over the canopy harness and press the grommet into the hole of the roller tube.
 - 14.3. At the vehicle wall, route the new canopy harness through the wall to the switch.

Tip: Tie the new harness to the old harness that was cut previously. Use the old harness to pull the new harness through the wall to the desired location.
 - 14.4. At the vehicle wall, provide some slack between the canopy and wall. Seal the wall entrance hole and harness with a quality silicone sealant.
 - 14.5. Connect the new harness to the switch. Two (2) .187, 18-24 awg female disconnects are provided if connecting to a switch.
 - 14.6. Alternate method: At the wall, splice the new harness to the existing harness using 24 awg butt connectors. Push the connectors into the vehicle wall. Seal the wall entrance hole and wires with a quality silicone sealant.
- NOTE:** Be sure to allow enough harness from the canopy to provide some slack for the harness and adequate length for the connectors to be pushed inside the wall before sealing the hole and harness with a quality silicone sealant.

ARM REPLACEMENT

These procedures apply to both the left and right arms. Differences are noted where required.

⚠ WARNING THE ARM IS UNDER TENSION TO OPEN. USE EXTREME CARE TO FIRMLY HOLD THE ARMS DURING ASSEMBLY AND DISASSEMBLY TO AVOID ANY SUDDEN OR UNEXPECTED MOVEMENT BY THE ARM. SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE COULD OCCUR.

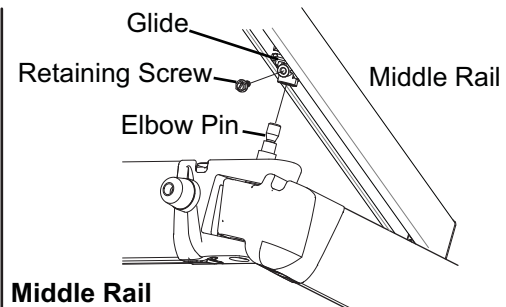
⚠ CAUTION When detached, do not allow the roller tube and/or middle rail to drop toward the ground. the twisting motion can damage the opposite arm and awning. Use a scaffold or similar device to support the roller tube and middle rail.

1. Over extend the awning.
2. DISCONNECT POWER.
3. For Two-Stage Latitude: Loosen the retaining screw in the glide above the arm elbow. Lift the middle rail off the elbow pin. Provide support for the middle rail.
4. For the motor side arm: Carefully pull the control cable from the slot at the top of the arm channels. It is not necessary to disconnect the cable from the motor or wall.
5. At the roller tube:
 - 5.1. Remove the front cover. The cover snaps onto the rear cover. To remove, press the bottom of the rear cover to release the front cover.
 - 5.2. Remove the E-Clip that holds the rotation pin.

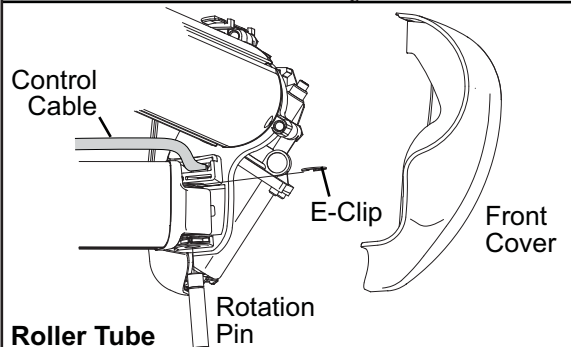
Tip: Use two small flat blade screwdrivers to spread the E-Clip ears and push the clip off.
 - 5.3. Provide support for the roller tube.
 - 5.4. Firmly hold the arm and remove the rotation pin. Pull the arm out and allow the arm to extend out below the roller tube. Support the arm.
6. At the wall connection:
 - 6.1. Loosen the setscrew and remove the rotation pin.
 - 6.2. Pull the arm from the knuckle and set aside.
7. Using two people firmly hold the new arm assembly and remove the shipping ties. Allow the arm to slowly open to its maximum extension.

⚠ CAUTION When the arm is closed, it can open with significant force. Use care when opening.

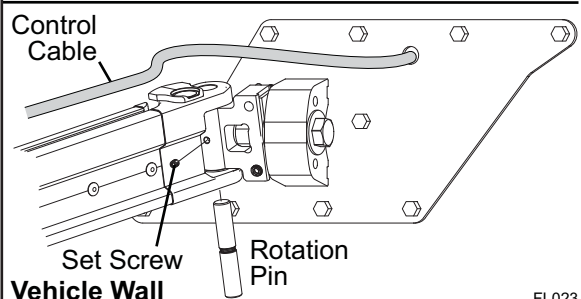
8. Lift the new arm and attach to the wall knuckle with the rotation pin and set screw removed previously. Ensure that the groove in the pin is in line with the screw hole.
9. At the roller tube:
 - 9.1. Fold the arm as necessary and align the arm with the mounting holes.
 - 9.2. Insert the rotation pin. Ensure that the pin is oriented with the groove up.
 - 9.3. Secure the pin with the E-Clip between the arm knuckle and upper attach bracket ear. Ensure that the clip is in the groove of the pin.
 - 9.4. Attach the front cover.
10. For the motor side arm: Carefully press the control cable into the slot at the top of the arm channels. Allow some slack at the joints and elbows to allow the cable to flex when the awning is operated.
11. For Two-Stage Latitude: Press the middle rail glide onto the elbow pin. Tighten the securing screw loosened previously.
12. To align the arm. Refer to "Adjusting the Arm Position" on page 1.
13. To adjust the arm pitch. Refer to "Adjusting the Pitch" on page 1.



Middle Rail



Roller Tube



Vehicle Wall

FL023

GAS SPRING REPLACEMENT

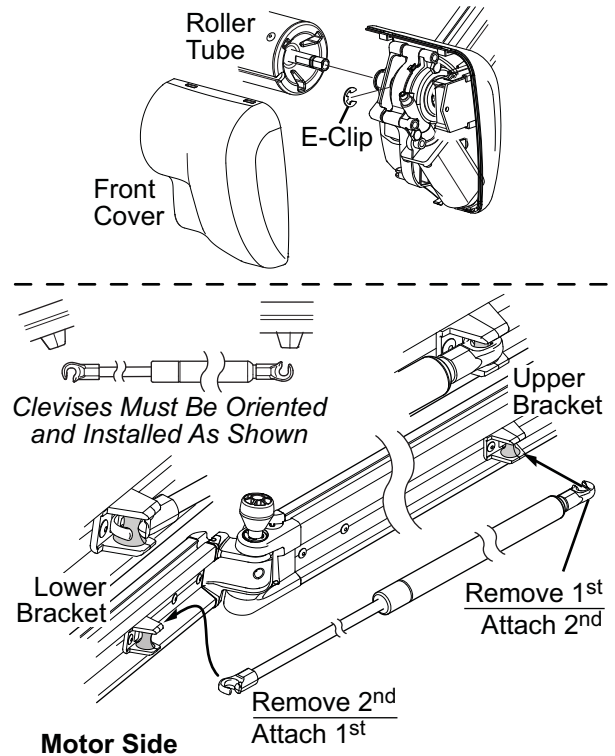
⚠ WARNING THE GAS SPRING CLEAVES MUST BE ORIENTED AND INSTALLED AS SHOWN. FAILURE TO ORIENT THE CLEAVES CORRECTLY CAN CAUSE THE ARMS TO NOT FUNCTION CORRECTLY.

⚠ CAUTION When detaching the roller tube, do not allow the roller tube to drop toward the ground. the twisting motion can damage the opposite arm. Use a scaffold to support the roller tube.

1. Fully extend the awning.
2. DISCONNECT POWER.

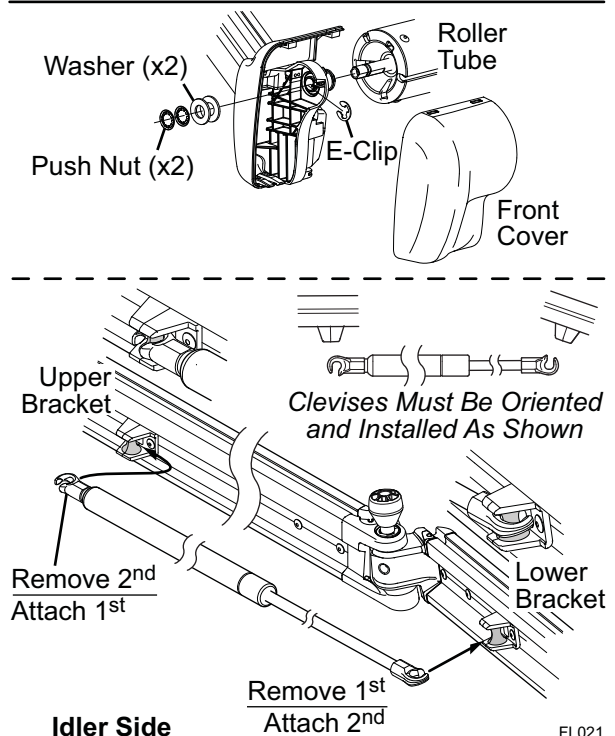
RH (MOTOR) ARM SPRING

1. Remove the front cover. The cover snaps onto the rear cover. To remove, press the bottom of the rear cover to release the front cover.
2. Remove the E-clip from the roller tube shaft.
3. While firmly holding the arm, slide the motor head off the roller tube shaft. Provide support for the roller tube.
4. Slowly allow the arm to extend fully. Provide support for the end of the arm.
5. Remove the old spring in the following order:
 - 5.1. Unclip the cylinder clevis from the upper bracket.
 - 5.2. Unhook the rod clevis from the lower bracket.
6. Install the new spring in the following order:
 - 6.1. Hook the rod clevis around the lower bracket post.
 - 6.2. Clip the cylinder clevis onto the upper bracket post.
7. Fold the arm to align the roller tube shaft with the motor head. It may be necessary to twist the roller tube to align the flats of the shaft with the motor hole.
8. Secure the shaft with the E-clip removed previously.
9. Reattach the front cover.

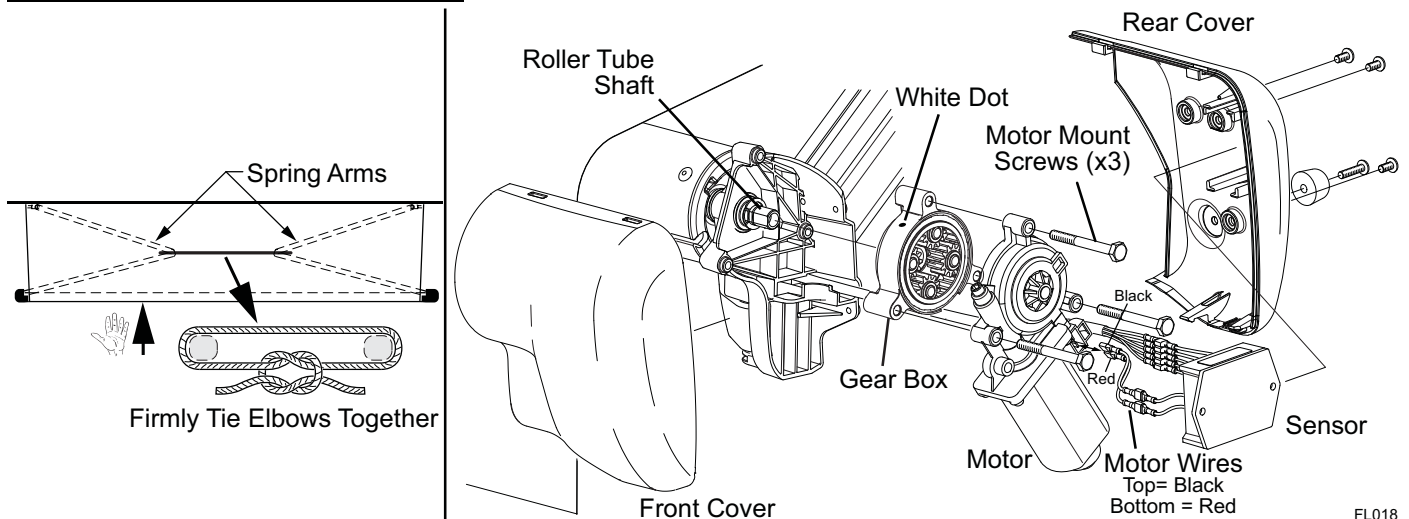


LH (IDLER) ARM SPRING

1. Remove the front cover. The cover snaps onto the rear cover. To remove, press the bottom of the rear cover to release the front cover.
 2. Remove the press nuts, washers and E-clip from the roller tube shaft.
 3. While firmly holding the arm, slide the idler head off the roller tube shaft. Provide support for the roller tube.
 4. Slowly allow the arm to extend fully. Provide support for the end of the arm.
 5. Remove the old spring in the following order:
 - 5.1. Unclip the rod clevis from the lower bracket.
 - 5.2. Unhook the cylinder clevis from the upper bracket.
 6. Install the new spring in the following order:
 - 6.1. Hook the cylinder clevis around the upper bracket post.
 - 6.2. Clip the rod clevis onto the lower bracket post.
 7. Fold the arm to align the roller tube shaft with the idler head.
 8. Secure the shaft with an E-clip, washers (x2) and push nuts (x2). It is recommended that new nuts be used.
 9. Reattach the front cover.
-
- Push Nut (x2)
- Front Cover
- Upper Bracket
- Clevises Must Be Oriented and Installed As Shown
- Remove 2nd
Attach 1st
- Lower Bracket
- Remove 1st
Attach 2nd
- Idle Side
- FLC



MOTOR REPLACEMENT



FL018

1. Extend the awning a minimum of 18" to access the screws in the back cover of the motor side.

2. Disconnect Power.

⚠ CAUTION WHEN THE POWER IS ON, THE DIRECT RESPONSE SYSTEM IS ACTIVE. MOVEMENTS DURING THIS PROCEDURE CAN CAUSE THE AWNING TO ATTEMPT TO CLOSE UNEXPECTEDLY.

3. Press the roller tube toward the vehicle until the fabric becomes slack.

4. Firmly tie the elbows of the spring arms together. Use a minimum 1/2" rope - do not use bungee cords. When tying the rope, use a non-slip knot such as a square knot or equivalent.

⚠ CAUTION FAILURE TO SECURE THE ARMS AS DESCRIBED WILL ALLOW THE SPRING ARMS TO EXTEND WHEN THE MOTOR IS DETACHED POSSIBLY CAUSING PERSONAL INJURY AND DAMAGE TO THE AWNING.

5. 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. Set part aside.

6. Slide the sensor module out of the rear case. Disconnect the wires attached to the motor and allow the sensor to hang down on the remaining wires.

7. Remove the screws and bumper from the rear cover and remove the rear cover. Set parts aside.

8. Remove the motor mounting screws and set aside.

9. Slide the old motor off of the roller tube shaft. Separate the motor and gear box.

10. Align the gear box and new motor and insert the motor mount screws through both.

11. Align the gear box with the roller tube shaft and attach the gear box and motor with the mounting screws.

NOTE: It may be necessary to twist the roller tube to align the flats of the shaft with the hole in the gear box.

12. Attach the motor wires from the module to the motor. Black goes to the top connection, Red goes to the bottom connection.

13. Attach the rear cover.

14. Slide the sensor module into the rear cover.

15. Snap the front cover onto the rear cover. Hang the cover on the top and swing down until it clicks.

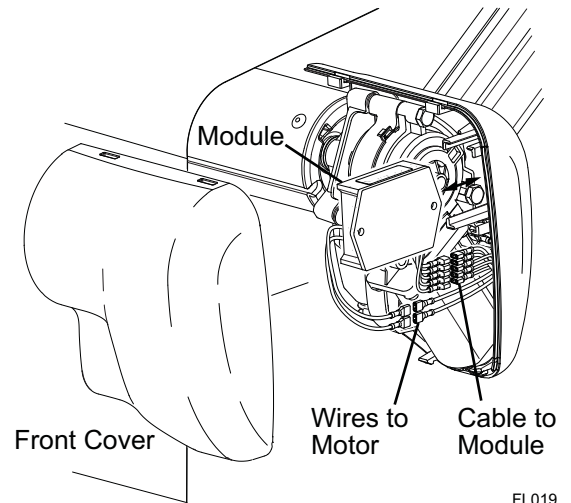
16. Hold the roller tube and remove the ties around the arms. Allow the roller tube to extend out.

17. Restore power and test.

SENSOR/CONTROL MODULE REPLACEMENT

This procedure may be done with the awning open or closed.

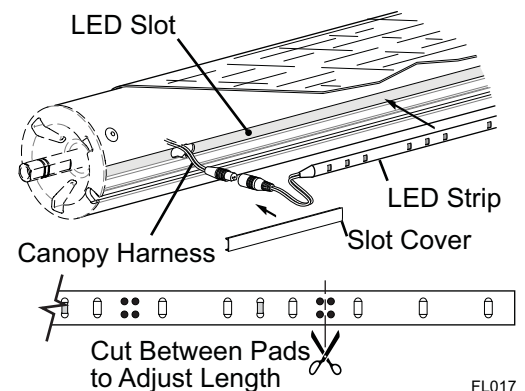
1. Disconnect power to the awning.
2. Remove the front cover. The cover snaps onto the rear cover. To remove, press the bottom of the rear cover until the front cover releases then lift the front cover off. Set part aside.
3. Slide the sensor module out of the rear case. Disconnect the wires to the module.
4. Connect the motor and cable wires to the new module. Make sure to match the wire colors.
5. Slide the new module into the rear cover and tuck the wires.
6. Snap the front cover onto the rear cover. Hang the cover on the top and swing down until it clicks.
7. Restore power and test.



LED LIGHTING

LED STRIP REPLACEMENT

1. Extend the awning out completely.
2. Disconnect power.
3. Remove the slot covers from the ends of the LED strip.
4. Use a non-permanent marker to mark the location of each end of the LED strip.
5. Carefully pull the wires and connectors out of the roller tube through the hole that is located behind the slot cover location. Disconnect the connectors.
6. Remove the existing LED strip.
7. Clean the slot to remove any dirt and tape residue.
8. Starting at the reference mark on the motor side, remove the release paper from the back of the new strip and press the strip into the LED slot.
9. At the end of the roller tube, cut the LED strip to match the mark on the idler side. To trim the LED strip, ALWAYS cut between the 4-pad cluster as shown.



⚠ CAUTION Ensure that power is off to the LED strip. Cutting the strip with power on can short the LED strip.

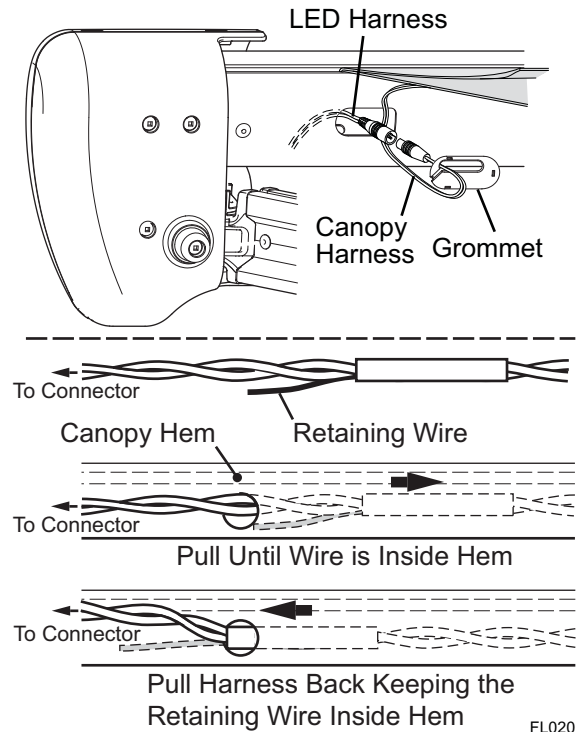
10. Connect the canopy harness and LED connectors. Then carefully push the connectors into the roller tube.
11. Press the slot covers into the LED slot.
12. Restore power and test.

LED HARNESS REPLACEMENT

1. Over extend the awning so that the split grommet in the roller tube is accessible.
2. Disconnect power to the awning and LED controls.
3. Locate and remove the split grommet from the roller tube.
4. Carefully pull the wires and connectors out of the roller tube. Disconnect the connectors.
5. Clamp or tape the LED harness connector outside the roller tube to prevent it from falling back into the roller tube.
6. At the awning rail, cut the harness close to the canopy. Clamp the harness going into the vehicle to prevent it from falling in the vehicle wall.
7. At the roller tube, remove the connector from the canopy harness.
8. Firmly attach the wire ends of new harness to the old harness. Carefully use the old harness to pull the new harness through the hem of the canopy.
 - 8.1. The harness has a retention wire attached near the connector. When pulling the harness, pull the harness so that the retaining wire is inside the hem.
 - 8.2. Gently pull the harness back to seat the retention wire inside the canopy hem as shown.
9. At the roller tube:
 - 9.1. Connect the canopy harness connector and LED connector. Then carefully push the connectors into the roller tube.
 - 9.2. Place the split grommet over the canopy harness and press the grommet into the hole of the roller tube.
10. At the vehicle wall:
 - 10.1. At the vehicle wall, route the new canopy harness through the wall to the switch.

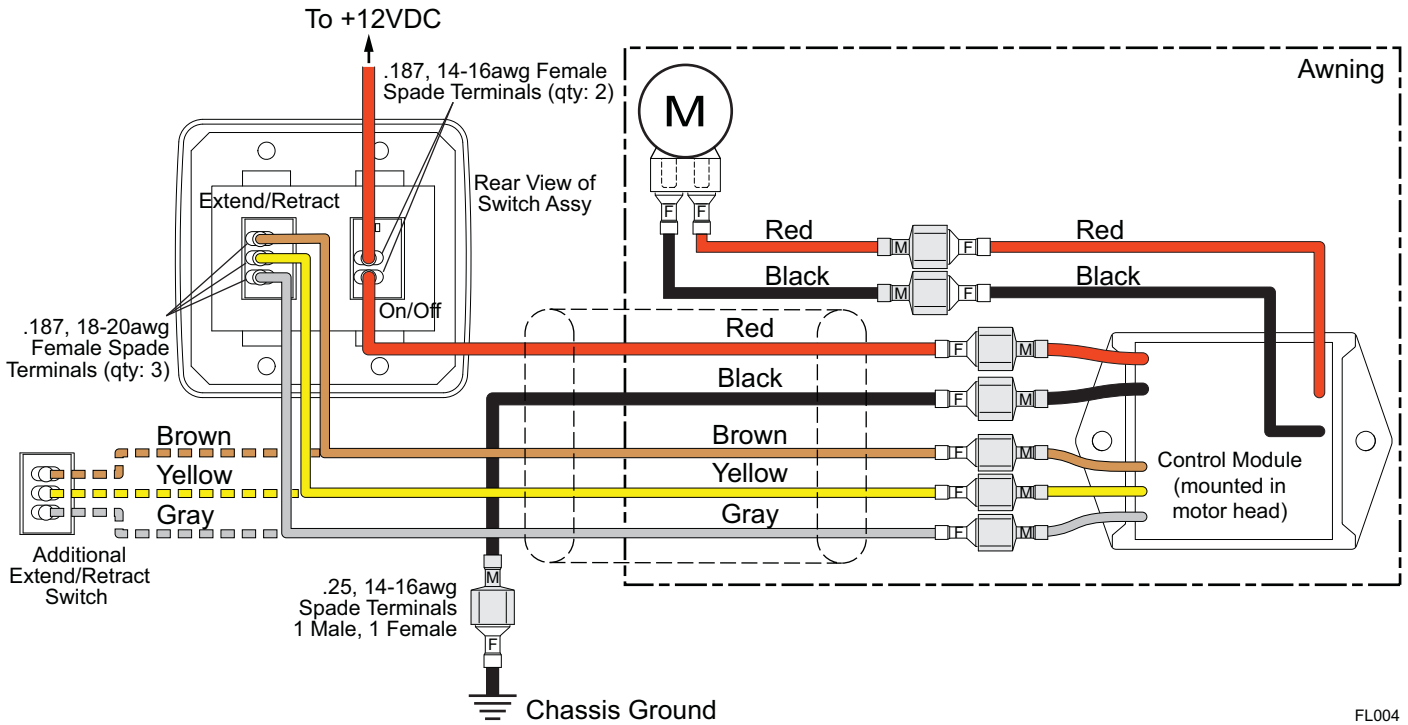
Tip: Tie the new harness to the old harness that was cut previously. Use the old harness to pull the new harness through the wall to the desired location.
 - 10.2. Connect the new harness to the switch. Two (2) .187, 18-24 awg female disconnects are provided if connecting to a switch.
 - 10.3. Alternate method: At the wall, splice the new harness to the existing harness using 24 awg butt connectors. Push the connectors into the vehicle wall. Seal the wall entrance hole and wires with a quality silicone sealant.

NOTE: Be sure to allow enough harness from the canopy to provide some slack and adequate length for the connectors to be pushed inside the wall before sealing the hole and harness.



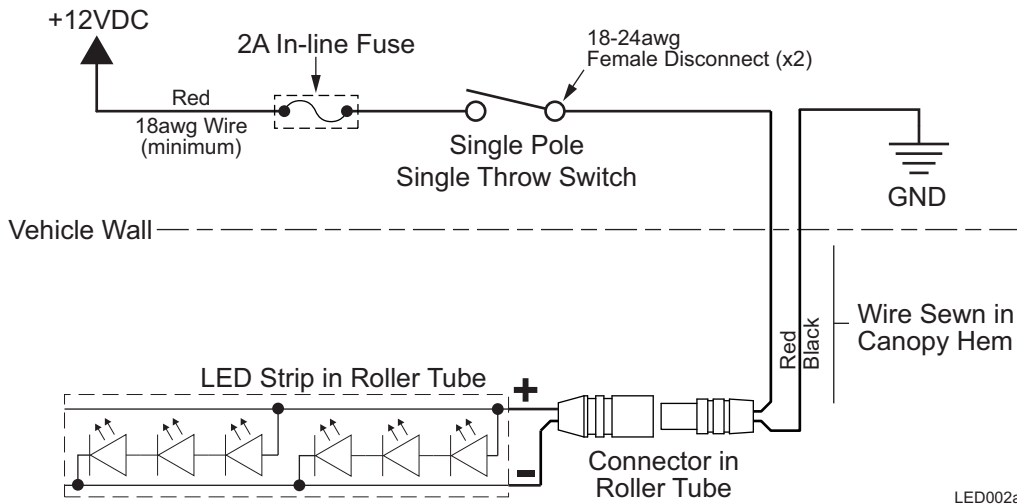
WIRING DIAGRAMS

Switch and Control Module



FL004

LED Lighting



LED002a

STANDARD MAINTENANCE

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

⚠CAUTION 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 required the material to be washed more frequently. Thoroughly rinse the fabric with clean water and allow to air dry completely before rolling up the awning.

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 on the top; retract the awning in steps (8"-12") to dump the water. This will help prevent the fabric from stretching or distorting.

The effects of wind and rain on an awning are unpredictable. Severe damage to the awning and the vehicle may result. IF WIND OR EXTENDED PERIODS OF RAIN ARE EXPECTED, ROLL UP THE AWNING AND SECURE FOR TRAVEL.

Hardware Maintenance

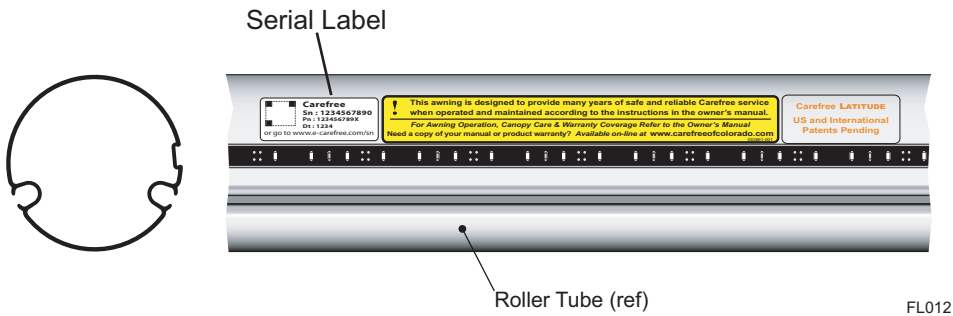
- Replace any parts that become damaged.
- Periodically check all mounting hardware, screws, lags, etc., and re-tighten when necessary.

MOTOR MAINTENANCE

- Check all wiring and connections for wear. Repair when needed.
- Check that the sealant is providing a good seal and no water is accumulating on the wiring.

PART NUMBER LISTING

PART NUMBER/SERIAL NUMBER LOCATION



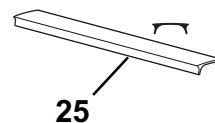
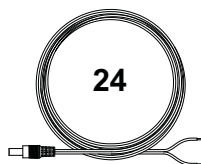
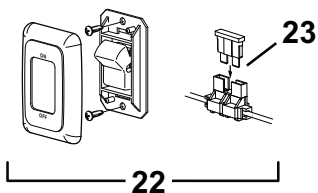
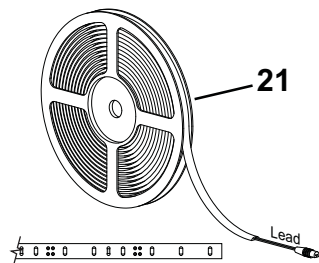
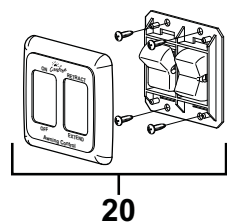
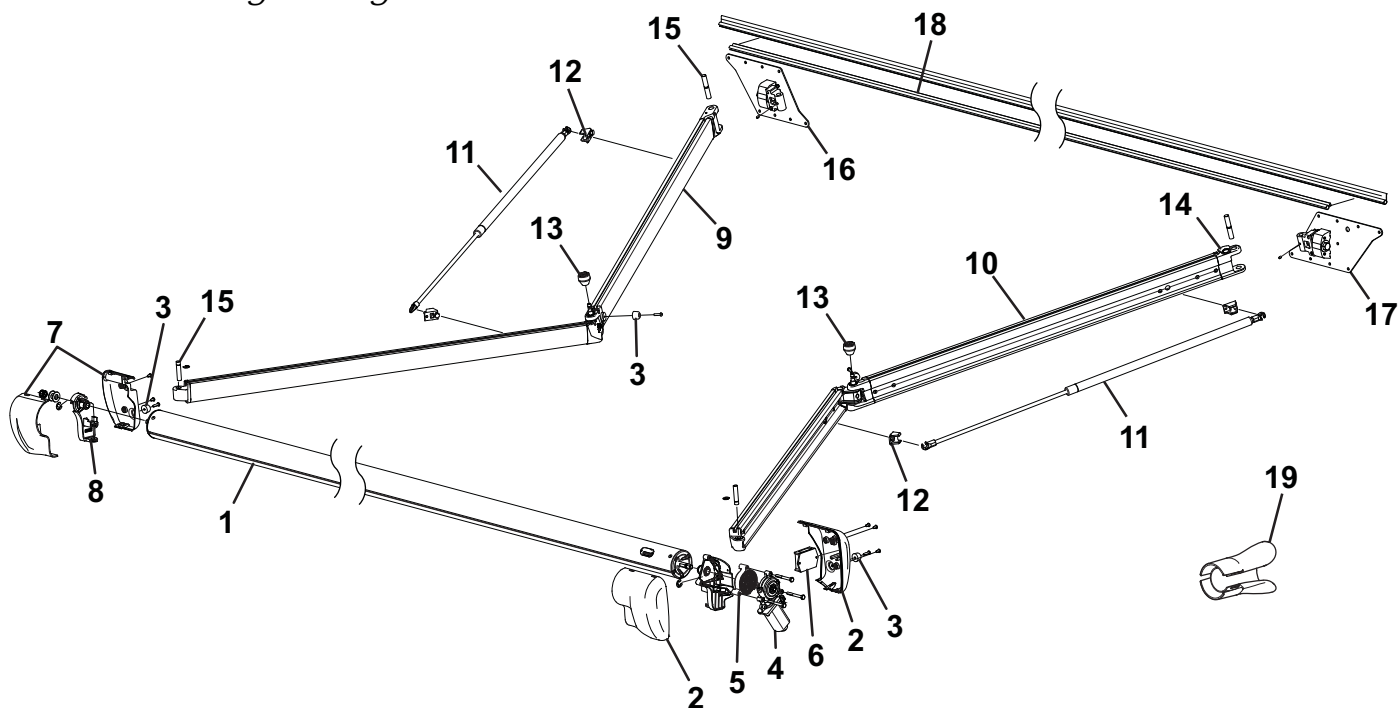
PART NUMBER CONFIGURATION

Example: Part Number GW 144 58 58 B RB

| STYLE CODE | SIZE (IN INCHES) | CANOPY COLOR | FABRIC WRAP COLOR | EXTRUSION COLOR | LED LIGHTS |
|--|---|---|---|--------------------------------------|--|
| GW | 144 | 58 | 58 | B | RB |
| Single Stage | 144" | Black/Gray | Black | Black | LED Lights |
| GW = Latitude Single Stage GX = Latitude Dual Stage | 124" (10'-4")" to 240" (20') Available in 1" increments | VINYL: Refer to sales and order information for color and option availability and codes | WEATHERGUARD: 00 = White (XX) = Matching Vinyl FLXGUARD: 5A = Black 5B = White | B = Black W = White | Standard – Lights mounted in roller tube |

ILLUSTRATED PARTS LIST

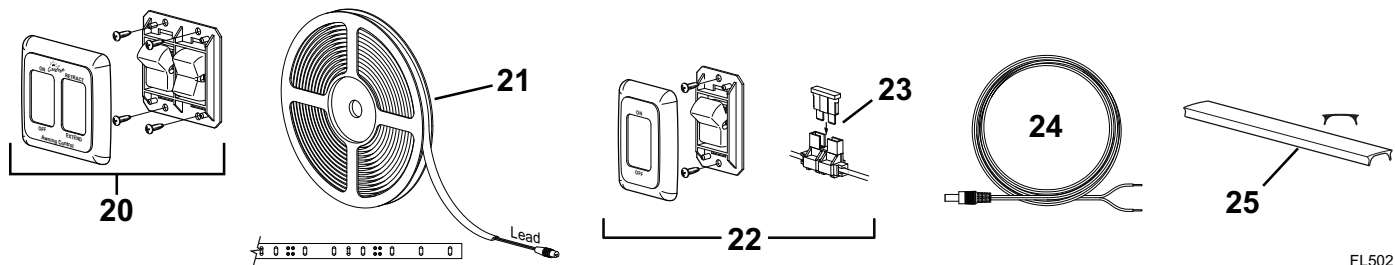
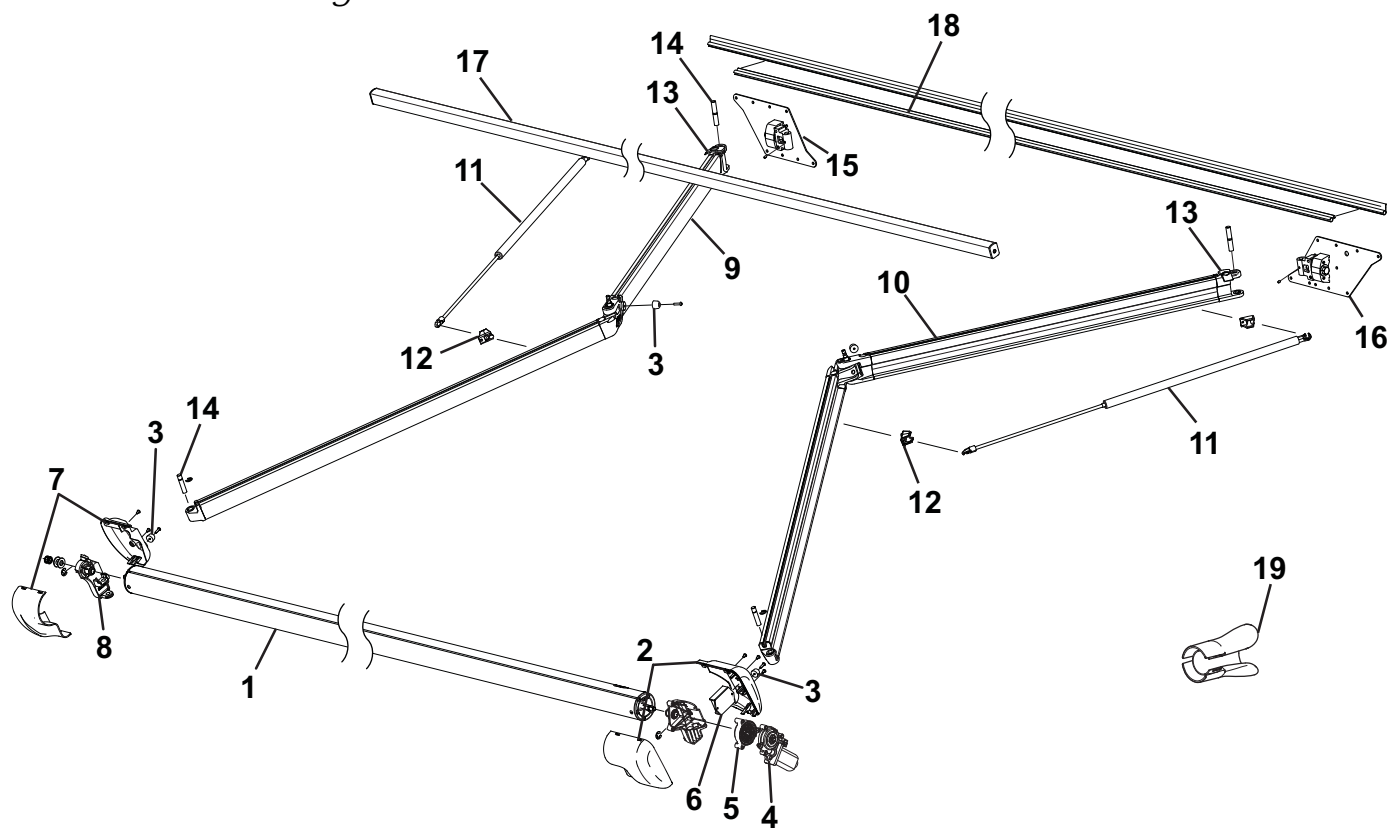
Latitude – Single Stage



FL501

| Item | Part Number | Description | Notes |
|------|----------------|---|----------------------------|
| 1 | R001782-xxx | Roller Tube Assy | 2 |
| 2 | R001783-00X | Cover Kit, Motor | |
| 3 | R001798 | Bumper | |
| 4 | R001784 | Motor Assy | |
| 5 | | Gear Box Assy | |
| 6 | R060686-003 | Sensor/Control Module, Direct Response | |
| 7 | R001785-00X | Cover Kit, Idler | |
| 8 | R012660-001 | Idler Bracket | |
| 9 | R001786-10X | Arm Assy, LH, Single Pitch | 3 |
| 10 | R001787-00X | Arm Assy, RH, Single Pitch | 3 |
| 11 | R001788 | Gas Spring, Latitude Single Pitch | |
| 12 | R001789 | Support, Gas Spring | pkg of 2 |
| 13 | R040918-001 | Barrel, used on Single Pitch Only | pkg of 2 |
| 14 | R001790 | Cable Retainer | used on Single Pitch Only |
| 15 | R001791 | Arm Attach Kit | One Arm |
| 16 | R019376-00X | Mounting Bracket Assy, LH | |
| 17 | R019376-10X | Mounting Bracket Assy, RH | |
| 18 | R001792XXX-xxx | QuickConnect | |
| 19 | R040925-001 | Canopy Funnel | |
| 20 | R019368-006 | Switch Kit | |
| 21 | R060732-001 | LED Strip, White, 16' Length | 4 |
| 22 | SR101 | Switch and Fuse Kit, LED | |
| 23 | R019493-001 | Fuse Kit (includes fuse holder and 2A fuse) | |
| 24 | R060715-001 | Harness, LED, Canopy | |
| 25 | R001716 | Slot Cover | 24" Long |
| 26 | R060703-00X | Cable Assy, 5 Conductor | not shown |
| 27 | | Canopy Only | Refer to Canopy Order Form |

- Notes:**
- 0X = Color = 05 - White, 06 - Black; xx = Length
 - Roller tube (item 1) is complete with end bushings, LED strip
 - Arm Assemblies (items 9, 10) includes items 3, 11, 12, 13 and 14. Does not include attaching pins. For attach pins order item 14 (1 kit per arm).
 - Replacement LED strips are sent on a roll and cut to length during installation.



FL502

| Item | Part Number | Description | Notes |
|------|----------------|---|----------------------------|
| 1 | R001782-xxx | Roller Tube Assy | 2 |
| 2 | R001783-00X | Cover Kit, Motor | |
| 3 | R001798 | Bumper | |
| 4 | R001784 | Motor Assy | |
| 5 | | Gear Box | |
| 6 | R060686-003 | Sensor/Control Module, Direct Response | |
| 7 | R001785-00X | Cover Kit, Idler | |
| 8 | R012660-001 | Idler Bracket | |
| 9 | R001793-10X | Arm Assy, LH, Dual Pitch | 3 |
| 10 | R001794-00X | Arm Assy, RH, Dual Pitch | 3 |
| 11 | R001795 | Gas Spring, Latitude Dual Pitch | |
| 12 | R001789 | Support, Gas Spring | pkg of 2 |
| 13 | R001796 | Ramp, Midrail | pkg of 2 |
| 14 | R001791 | Arm Attach Kit | One Arm 3 |
| 15 | R019376-00X | Mounting Bracket Assy, LH | |
| 16 | R019376-10X | Mounting Bracket Assy, RH | |
| 17 | R001797XXX-xxx | Middle Rail Assy | |
| 18 | R001792XXX-xxx | QuickConnect | |
| 19 | R040925-001 | Canopy Funnel | |
| 20 | R019368-006 | Switch Kit | |
| 21 | R060732-001 | LED Strip, White, 16' Length | 4 |
| 22 | SR101 | Switch and Fuse Kit, LED | |
| 23 | R019493-001 | Fuse Kit (includes fuse holder and 2A fuse) | |
| 24 | R060715-001 | Harness, LED, Canopy | |
| 25 | R001716 | Slot Cover | 24" Long |
| 26 | R060703-00X | Cable Assy, 5 Conductor | not shown |
| 27 | | Canopy Only | Refer to Canopy Order Form |

- Notes:**
1. 0X = Color = 05 - White, 06 - Black; xx = Length
 2. Roller tube (item 1) is complete with end bushings, LED strip
 3. Arm Assemblies (items 9, 10) includes items 3, 11, 12, 13. Does not include attaching pins. For attach pins order item 14 (1 kit per arm).
 4. Replacement LED strips are sent on a roll and cut to length during installation.