



INSTALLATION & OPERATION MANUAL

POP TOP FIESTA AWNING

RV

MANUALLY OPERATED PATIO AWNING



Read this manual before installing or using this product. Failure to follow the instructions and safety precautions in this manual can result in personal injury and/or cause the product to not operate properly.

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PROPRIETARY STATEMENT

The Fiesta Patio 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



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.



Indicates a hazardous situation, which if not avoided, could result in death or serious bodily injury.



Indicates a hazardous situation, which if not avoided, may result in minor or moderate bodily injury.



Indicates a situation that may result in equipment-related damage.

General Safety:



Shock Hazard. Always disconnect battery or power source before working on or around the electrical system.



Always wear appropriate safety equipment (i.e. goggles).

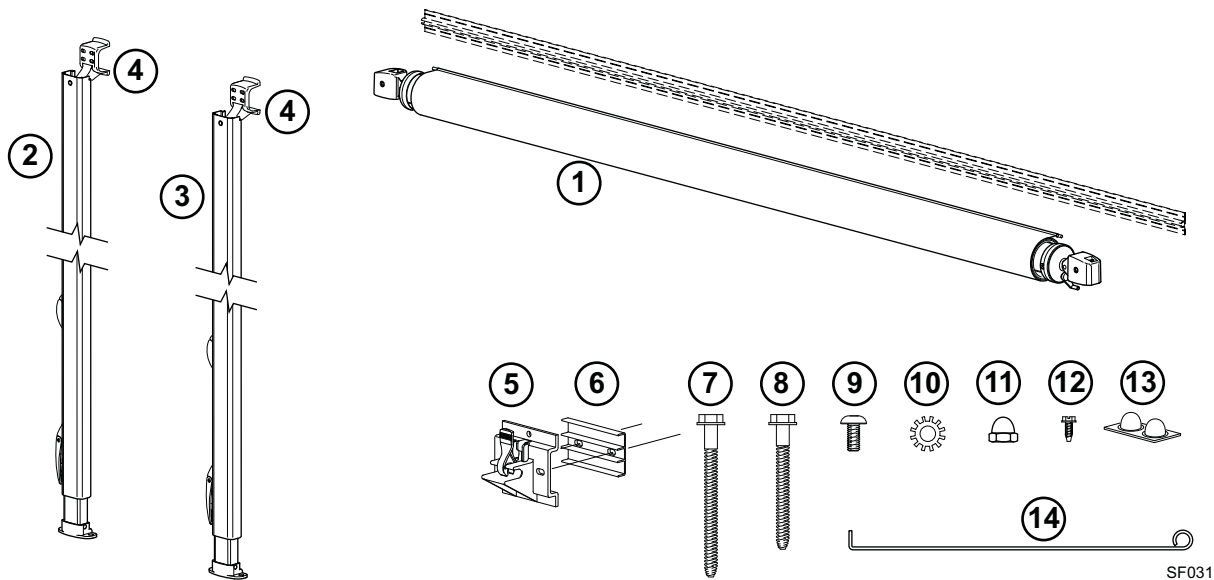


Always use appropriate lifting devices and/or helpers when lifting or holding heavy objects.



When using fasteners, do not over tighten. Soft materials such as fiberglass and aluminum can be "stripped out" and lose the ability to grip and hold.

COMPONENT CHECKLIST

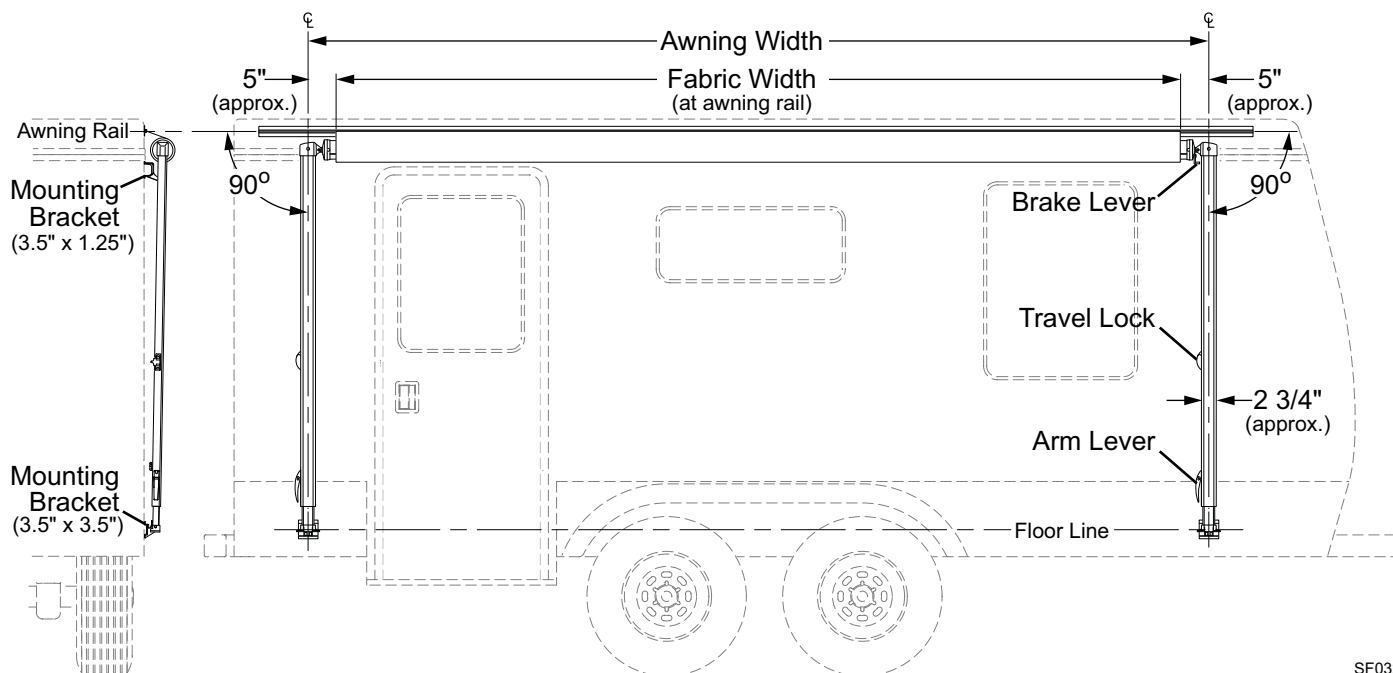


☒	ITEM	DESCRIPTION	QTY	NOTE
BASIC ASSEMBLY				
☐	1	Roller tube Assy	1	1
☐	2	Arm Assy, LH	1	1
☐	3	Arm Assy, RH	1	1
☐	4	Upper Mounting Bracket	REF	2
☐	5	Lower Mounting Bracket	2	
☐	6	Lower Bracket Shim, Optional	2	3
☐	7	Lag Screw 1/4 x 3	4	
☐	8	Lag Screw 1/4 x 2 1/2	4	
☐	9	Screw, Quadrex Head 1/4-20 x 7/16	4	
☐	10	Lock Washer 1/4	2	
☐	11	Nut, Cap 1/4-20	2	
☐	12	Screw, Hex Washer Head #6 x 3/8	2	
☐	13	Bumpers (set of 2)	1	
☐	14	Pull Wand	1	

Notes:

1. Awning configuration is specified at time of order, including awning length, fabric, color etc. Check awning assembly against original purchase order.
2. The upper mounting bracket is pre assembled with the arm assy and is shown for reference only.
3. Lower bracket shims (item 6) must be ordered separately.

INSTALLATION



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INSTALLING AN AWNING RAIL (IF REQUIRED)

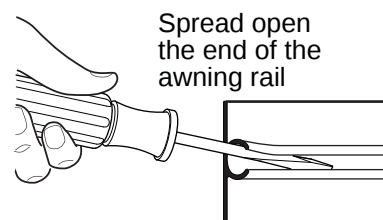
NOTE: If the vehicle already has a full-length awning rail installed, skip to step 5. The awning rail and arms must be positioned so that any existing trim does not interfere with the awning arm when in the closed position.

Awning rails are not included with awning. Contact the vehicle manufacturer for the correct size, style and placement of the awning rail.

1. Position the awning rail along the roof line (line where roof and wall meet). Awning rail must be level and parallel with the floor line of the vehicle.
2. After determining mounting position, mark the position with a chalk line.
3. Seal the back of the rail with quality sealant or putty tape.
4. Align the awning rail onto the wall and secure.

NOTICE Make sure the screws are securely mounted to the structural frame of the vehicle.

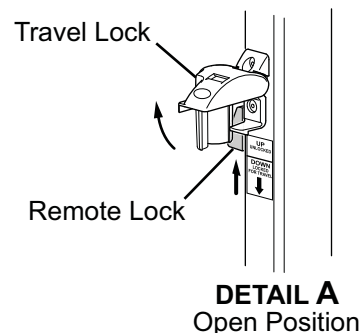
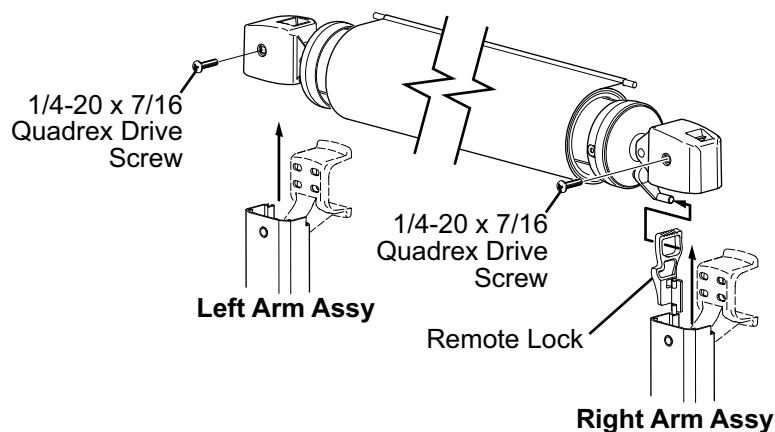
5. Use a screwdriver to spread open one end of the awning rail on the installation side.
6. File any sharp edges or burrs from the end of the rail. This will help protect the awning fabric from damage during installation.
7. Spray inside the awning rail track with a dry silicone lubricant.



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ASSEMBLING THE AWNING

CAUTION DO NOT remove the following items until instructed: 1) TAPE around the canopy; 2) the SAFETY PIN in the roller tube (this is holding the pre-wound spring tension); or, the NYLON STRAP holding the roller tube brake lever. Removing these items prematurely may cause personal injury, damage to the awning and cause the awning to not operate correctly.



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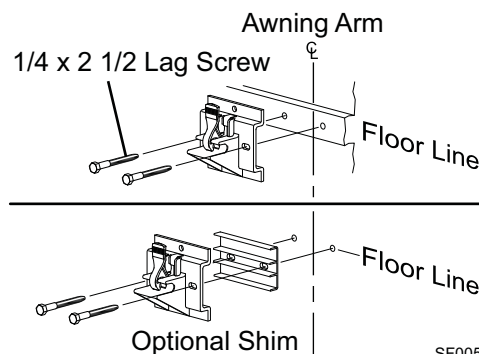
- On a flat surface, layout the arms and rollbar assembly.
 - Position the rollbar with the fabric oriented as shown over the top with the edge toward the vehicle. The brake lever must be on the right side.
- Slide the left arm into the left end plug of the roller tube. Align the holes and secure using one (1) 1/4-20 x 7/16 Quadrex Drive screw.
- Hook the remote lock over the brake lever while sliding the arm into the right end plug. Align the holes in the arm and end plug and secure using one (1) 1/4-20 x 7/16 Quadrex Drive screw.

Tip: Release the travel lock and slide the remote lock up until it protrudes over the arm. Hook the remote over the brake lever. Allow the remote lock to slide back into the channel while sliding the arm into the end plug. REMEMBER TO CLOSE THE TRAVEL LOCK WHEN DONE.
- Measure and confirm the width of the awning. The distance is measured from centerline of arm to centerline of arm.

MOUNTING THE BOTTOM BRACKETS

- On the awning rail, mark the position of the centerlines of the arms. Ensure that the arms will not interfere with any lights, vents or other obtrusions.
- Using a non-permanent method of marking such as a chalk line, mark a perpendicular line from the awning rail down to the floor line. This is the centerline of the arms.
- Position and attach the bottom mounting brackets. These should be centered on the lines made in the previous step and MUST be attached to the structure at the floor line of the vehicle. Attach using 1/4 x 2 1/2 lag screws.

NOTE: The bracket is made to straddle the trim found at the floor line. A flat shim is available for mounting to flat areas without trim.



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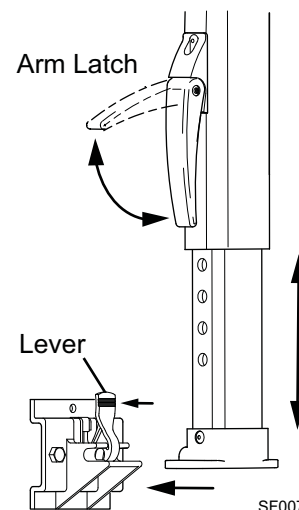
MOUNTING THE AWNING

1. Measure the distance from the top of the door to the bottom mounting brackets.
2. Adjust the arm length so the distance from the bottom of the roller to the foot is approximately equal to the measurement in step 1.
 - To adjust arm length, open the arm handle and slide the lower channel up or down as required. Close the handle and slide the lower channel until the locking pin clicks into the nearest positioning hole.

3. Remove the tape from the canopy. Unwrap a small portion of canopy but not more than one wrap.

The next step will require two additional people. One to feed the canopy into the awning rail; two to "walk" the arms while the canopy is slid into position.

4. Slide the polyrod edge of the canopy into the awning rail. Continue to "walk" the arms and canopy down the rail until the arms are in line with the centerline marks made previously.

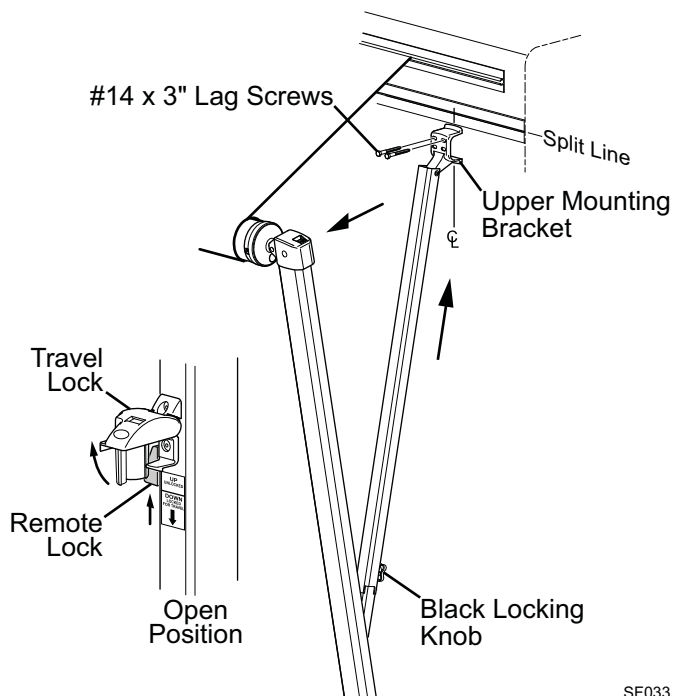


5. Lift the arm up and secure the foot into the bottom bracket. Repeat for both arms.
6. Firmly grasp the roller tube and remove the safety cotter pin from the left end of the roller tube. Allow the fabric to SLOWLY roll up.



CAUTION Use care when removing the cotter pin. The pin is holding the pre-wound tension of the spring. Failure to securely hold the roller tube may allow the roller tube to rapidly roll up and cause personal injury or damage.

7. Remove the nylon strap holding the brake lever.
8. Carefully open the awning 12 – 18 inches to provide access to the upper mounting bracket.
 - Open the arm travel locks on both arms.
 - On the right arm, push the remote lock up.
 - USE THE PULL STRAP and pull the awning out.
9. Loosen the black locking knob on the upper brace.
10. Slide the upper portion of the brace up so that the upper mounting bracket is below the split line and seals of the pop top roof.
11. Center the bracket on the arm centerline drawn earlier.
12. Attach the upper bracket using two (2) 1/4 x 3 lag screws. The screws must go into the vehicle structure.
13. Repeat steps 9 through 12 for the other arm.

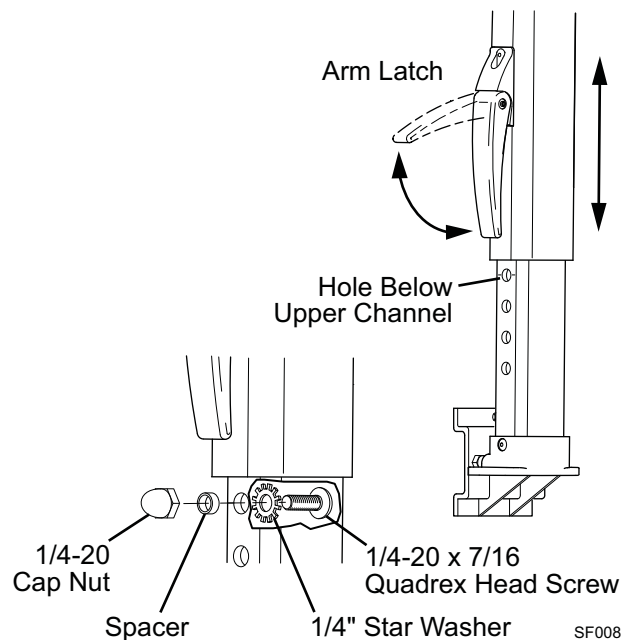


Installing the Stop Bolt

1. Retract the awning.
2. Observe if the bottom of the roller tube and fabric are higher than the top of the door.
3. Adjust the arm length as required for the roller to clear the top of the door. Open the arm handle and slide the upper channel up or down as required. Close the handle and slide the channel until the locking pin clicks into the nearest positioning hole.
4. Mark the position stop hole that is directly below the upper channel.
5. From the inside of the channel, insert a 1/4-20 x 7/16 quadrex head screw with a star washer through the hole. Slide the centering spacer over the screw and inside the mounting hole. Secure with a 1/4-20 cap nut.

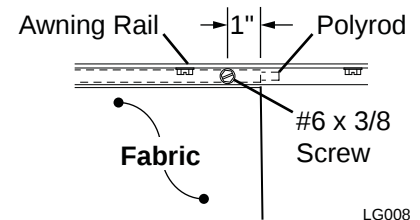
Tip: It may be necessary to lift the upper channel to tighten the cap nut.

6. Repeat for other arm.



Securing the Fabric

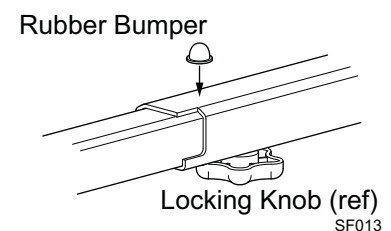
1. Roll the awning in and out several times to make sure that the fabric rolls up straight.
2. Attach the canopy in the awning rail using one #6 x 3/8" hex head screw on one side of the awning. Place screw through awning rail, fabric and polyrod approximately 1" in from the end of the fabric.
3. On the opposite side, pull the fabric tight in the awning rail place one #6 x 3/8" hex head screw on one side of the awning. Place screw through awning rail, fabric and polyrod approximately 1" in from the end of the fabric.



Installing the Rubber Bumpers

Because of vibration and movement, it may be necessary to "tighten" the awning arms when stored in the travel position. Two rubber bumpers are provided for this purpose.

1. Open the awning to expose the top of the upper brace.
2. Peel and stick a rubber bumper on the upper brace, opposite the locking knob as shown.
3. Repeat for second arm.



OPERATION

Operation of the Carefree Manual Patio Awning is simple and straight forward. Please observe the safety notes and cautions for best results. Some options described may not be available for all models.



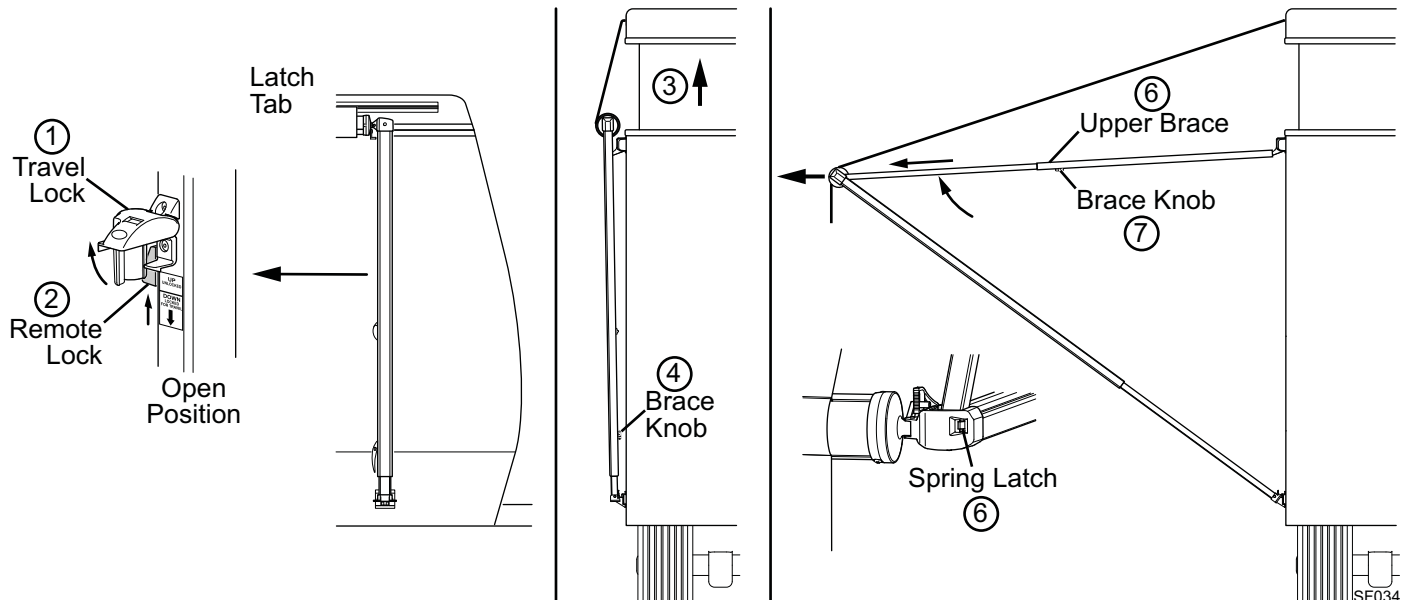
WARNING Risk of fire. Keep all sources of heat and flame away from the awning canopy. Fabric is NOT fireproof.

NOTICE The rollbar lock MUST be released before lifting the pop top. Failure to release the rollbar can result in damage to the awning and vehicle

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

OPENING THE AWNING ON A POP TOP



CAUTION Always use the pull strap to extend or retract the awning. Do not open or close the awning by holding onto the arms. Serious injury could occur if hands or fingers are pinched between the arm and brace.

1. Release the arm travel lock. Press up the latch tab then lift the travel lock up. Repeat for both arms.
2. Unlock the roller tube. Press the remote lock up until it stops. This is located on the right arm, behind the arm travel lock.
3. Raise the pop top roof according to the vehicle manufacturer's instructions.
4. Loosen the black brace knob on the upper brace of both arms.
5. Using the pull strap, pull the awning out.
6. Push the braces up to the top of the arm. The brace sliders have a small spring catch that latches into the roller tube end plug when the brace is fully lifted to the top of the arm.

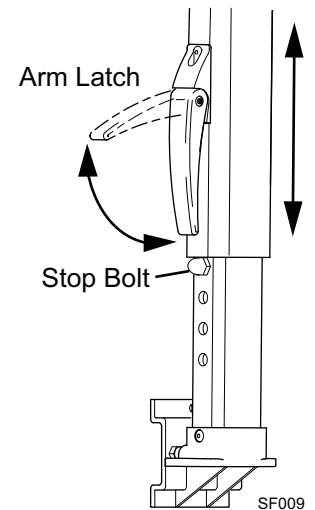


CAUTION Always use the support braces to hold the awning out in the extended position. Failure to use the support braces may result in the awning inadvertently rolling back up to the travel position possibly causing personal injury or damage to the awning or the RV.

7. Press outward on the roller tube to tension the fabric then tighten the black knob on the brace. Repeat for the other side.

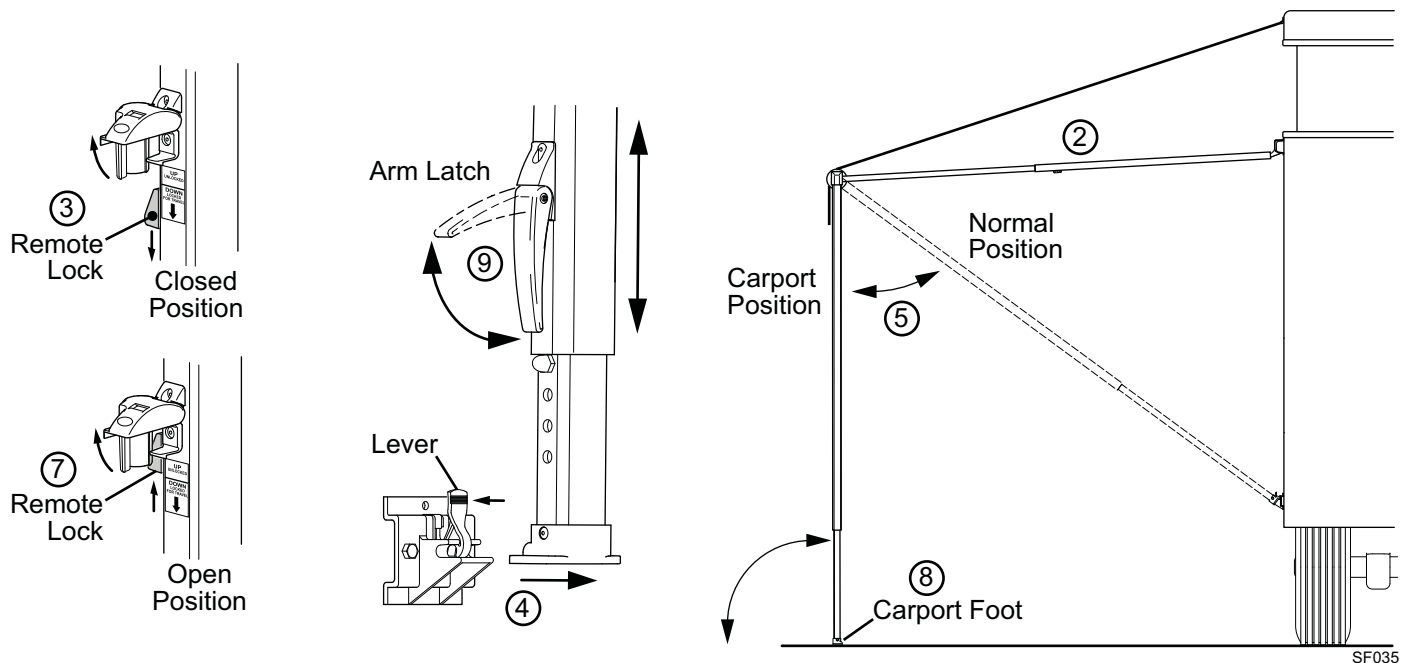
ADJUSTING THE PITCH

1. Open the arm lever.
2. Slide the upper arm channel out until the desired pitch is achieved.
3. Close the arm lever. It may be necessary to move the arm up and down slightly for the lock pin to snap into a position hole.
4. Repeat for other side.



SETTING THE ARMS IN THE CARPORT POSITION

When it is desirable to have an open walkway from the side of the awning, the arms can be set in the carport position. In this position, the arms are set perpendicular to the ground surface.

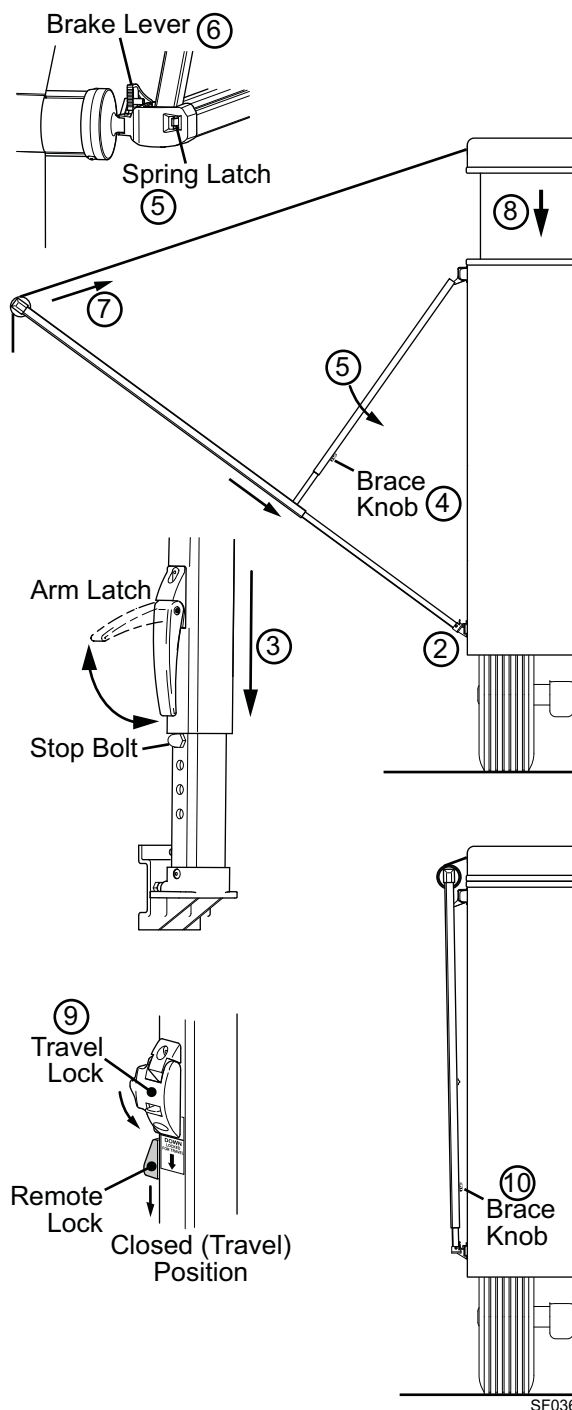


1. Open the awning.
2. Ensure that the braces have been locked into position and the black knobs are tightened.
3. Push the remote lock to the close position.
4. While supporting the arm and roller tube, release the carport foot from the bottom support bracket. The latch is spring loaded. While holding the latch open, slide the arm from the bracket.
5. Rotate and set the arm perpendicular to the ground.
6. Repeat steps 2 and 3 for the other arm.
7. Set the remote lock to the open position.
8. To secure the arms, stake the carport feet to the ground. Stakes are not included with awning.
9. Adjust the pitch as desired.

CLOSING THE AWNING

1. Disconnect, remove and/or store any optional equipment that is used (i.e. rafters, hangers etc.) Follow the storage directions furnished with the particular option(s).
 2. If the awning has been placed in the carport configuration:
 - 2.1. Remove the stakes holding the carport foot.
 - 2.2. Set the brake lever to the close position.
 - 2.3. Swivel the arms back and lock the carport feet into the bottom mounting bracket.
 - 2.4. Set the brake lever to the open position.
 3. Return the both arm lengths to the storage length:
 - 3.1. Open the arm lever and slide the upper arm channel down to the stop bolt.
 - 3.2. Close the arm lever. It may be necessary to move the arm up and down slightly for the lock pin to snap into the position hole.
 4. Loosen the black lock knobs for the braces.
 5. Disengage the spring latch for the brace (located on the top of the roller tube end plug) and slide the brace down the arm. It may be necessary to press out on the roller tube to ease the tension. Repeat for the second arm.
- CAUTION** Once the awning roller lock is placed in the Roll In or Close position the awning is under full spring tension. If not firmly held, the awning will abruptly roll up to the stored position possibly causing personal injury or damage to both the awning and the RV.
6. Firmly grasp the pull strap and set the brake lever to "CLOSE". The brake lever is accessible by hand when the awning is extended. Press the BRAKE LEVER down until it stops. This is located on the right end of the roller tube,

Tip: The pull strap can slide along the roller tube. Move the strap toward to the right end of the roller tube to easily hold the strap and operate the brake lever.
 7. Slide the pull strap back to the center and allow the awning to roll up slowly until it is completely closed.
 8. Lower the pop top roof. The roller tube will move slightly forward as the top is lowered. The canopy will roll onto the roller tube.
 9. Press the ARM TRAVEL LOCK down until the latch tab clicks. Repeat for the second arm.
 10. Tighten the black lock knob on the braces.
- The awning is now ready for travel and storage.



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