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8275000 SERIES SUNCHASER II 8485000 SERIES UNIVERSAL PLUS HARDWARE

**8500 PLUS
9000 PLUS
SUNCHASER II
FRTA**

FABRIC ROLLER TUBE ASSEMBLY

⚠ WARNING

This manual must be read and understood before installation, adjustment, service, or maintenance is performed. This unit must be installed by a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

⚠ AVERTISSEMENT

Lire et comprendre ce manuel avant de procéder à l'installation, à des réglages, de l'entretien ou des réparations. L'installation de cet appareil doit être effectuée par un réparateur qualifié. Toute modification de cet appareil peut être extrêmement dangereuse et entraîner des blessures ou dommages matériels.

USER'S GUIDE

**8275000 & 8485000
SERIES
HARDWARE**

SAFETY INSTRUCTIONS

This manual has safety information and instructions to help users eliminate or reduce the risk of accidents and injuries.

RECOGNIZE SAFETY INFORMATION



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

UNDERSTAND SIGNAL WORDS

A signal word, when used with the safety alert symbol, will identify a safety hazard and its level of risk for personal injury. A signal word, without the safety alert symbol, will be used for property damage messages only.

⚠ WARNING WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE NOTICE is used to address practices not related to personal injury.

GENERAL INSTRUCTIONS

⚠ WARNING

These instructions must be read and understood before operating this hardware. This hardware must be installed by a Dometic, LLC Service Center or a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

These instructions apply to:

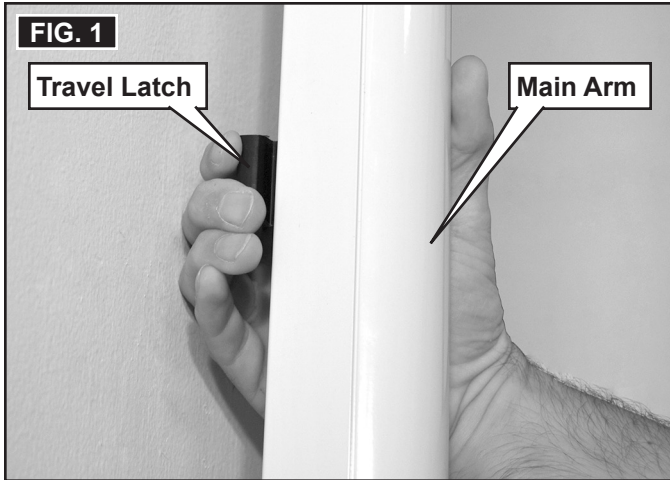
8275000 Series Product Numbers	8485000 Series Product Numbers
8275000.421#	8485000.421#
8275000.422#	8485000.422#
8275000.425#	8485000.425#
8275000.427#	8485000.427#
8275000.428#	8485000.428#
	8485000.521#
	8485000.522#

⚠ WARNING

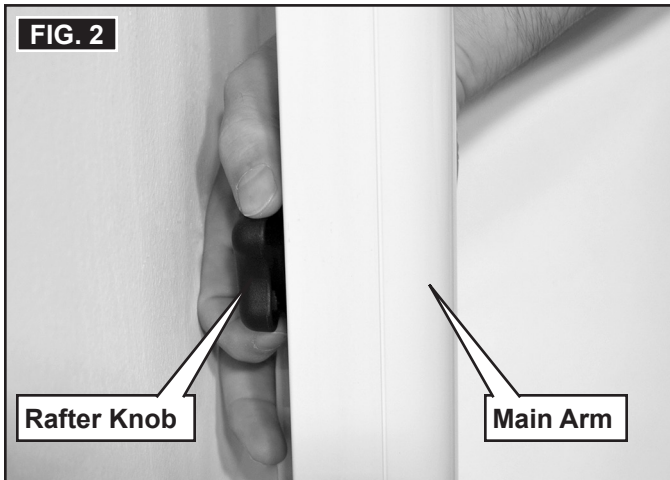
Read and follow all safety information and instructions to avoid possible injury or death.

A. Open Awning

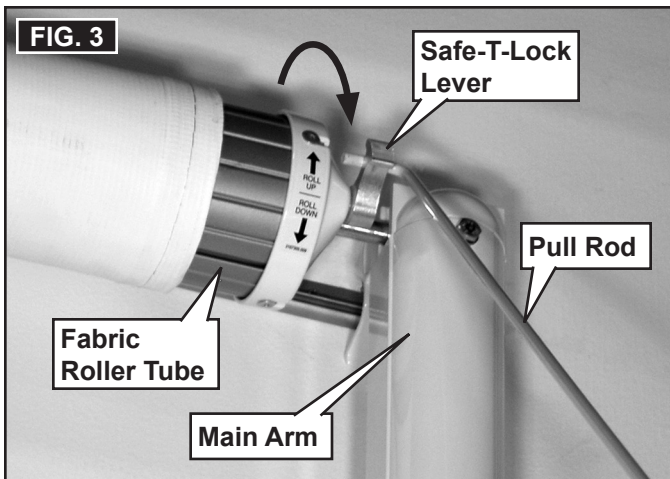
1. Pull one side tab of travel latch, then the other to release main rafter from main arm. See FIG. 1.



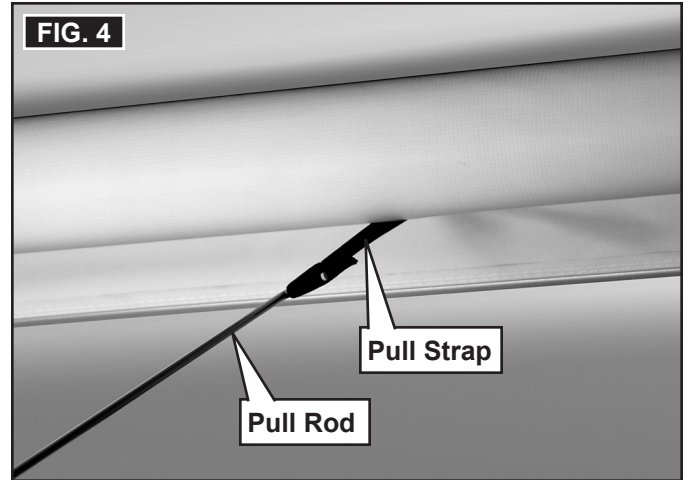
2. Loosen rafter knob . See FIG. 2.



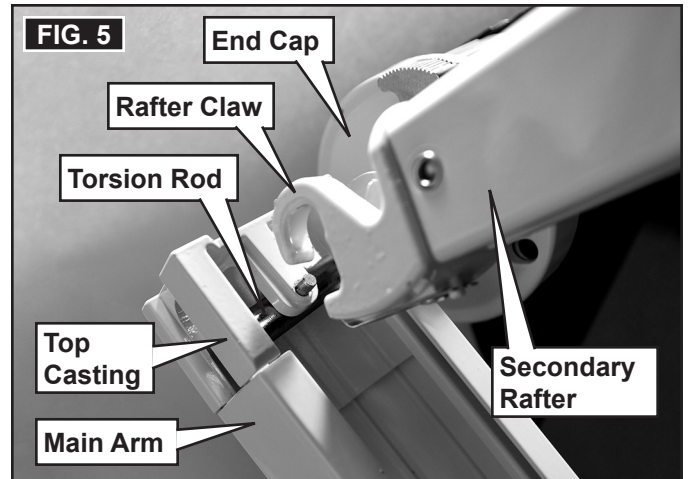
3. Repeat steps "1" and "2" for opposite side.
4. Use pull rod to rotate the Safe-T-Lock lever to the roll down position. See FIG. 3.



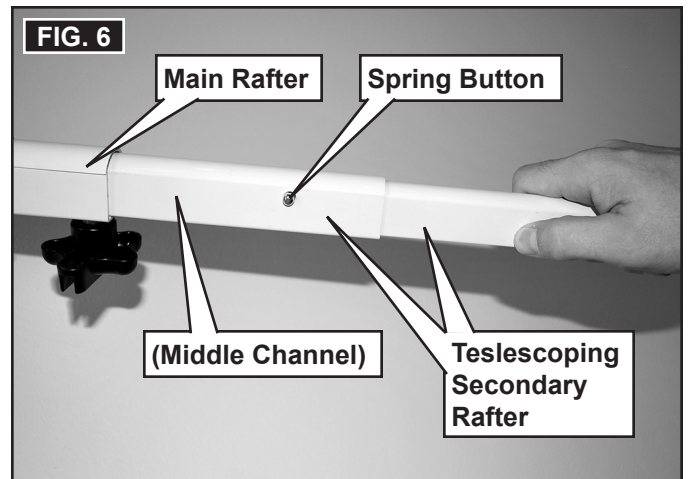
5. Use pull rod to hook into loop of pull strap and pull until awning unfurls to its fully extended position. See FIG. 4.



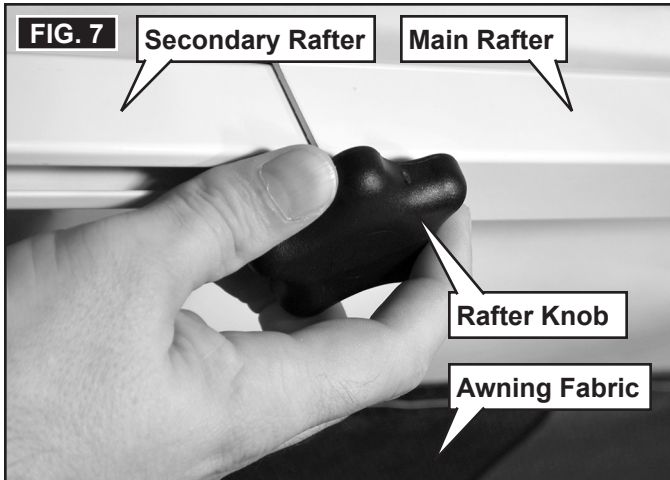
6. With rafter knob loosened, swing rafter assembly out from side of coach and latch rafter claw onto torsion rod (near end cap). See FIG. 5.



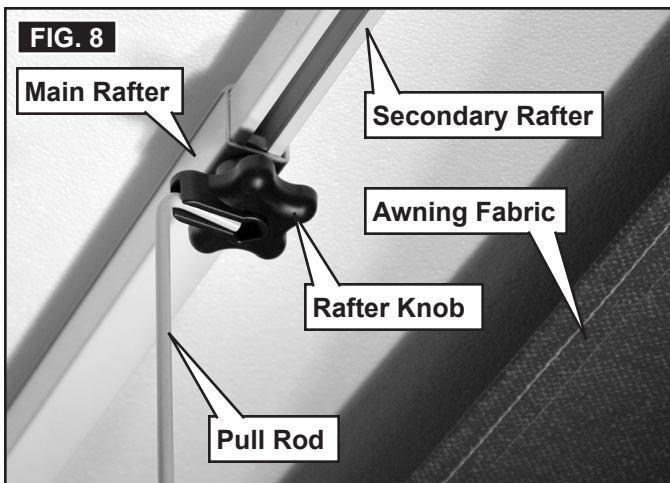
Note: Model 8485000.X22# and 8485000.X28# with water shed arm has a telescoping secondary rafter that requires full extension before latching rafter claw onto torsion rod. Pull on rafter claw until spring button pops into hole on upper surface of telescoping rafter assembly's middle channel, then latch rafter claw onto torsion rod. See FIG. 6.



7. While stretching awning fabric taut, tighten rafter knob. See FIG. 7.



Note: The rafter knob on the side with the water shed feature is positioned closer to the top pivot (near coach). This places the knob higher on the rafter than the standard side, and could make the knob difficult to reach. To overcome this, the knob is designed with a groove which allows the use of the pull rod to turn it. See FIG. 8.

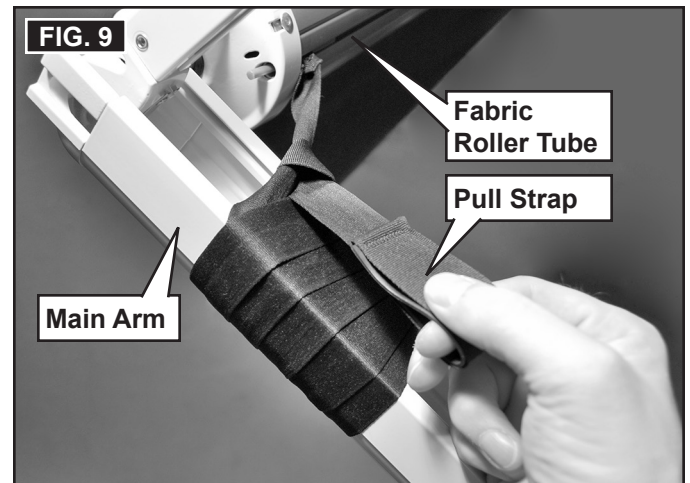


8. Repeat steps "6" and "7" for opposite side.

⚠ WARNING

ENTANGLEMENT OR STRANGULATION HAZARD. Do not allow pull strap to hang loose, form a loop, or dangle freely. Make sure pull strap is secured safely, and out of reach of children. Failure to obey this warning could cause a hazardous situation resulting in death or serious injury.

9. Slide pull strap toward the Safe-T-Lock end of fabric roller tube, and wrap it securely around main arm near end cap. See FIG. 9.



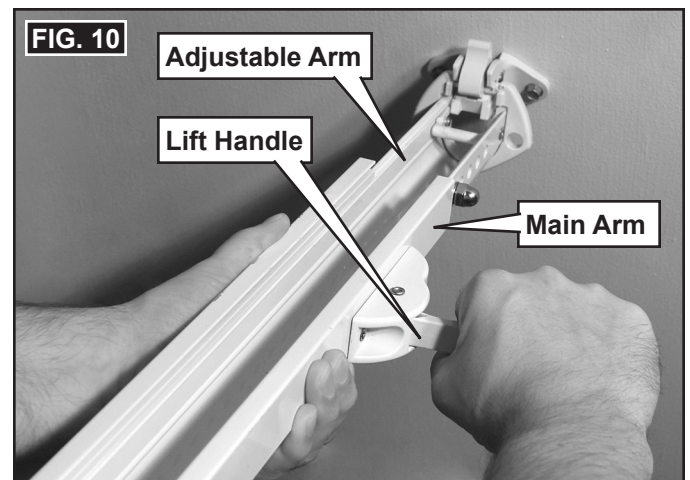
Patio Position

(Main Arm Diagonal -Patio Foot Attached To Coach):

⚠ CAUTION

LIFTING HAZARD. Use proper lifting technique and control when lifting main arm. Failure to obey this caution could result in muscle strain, back injury, or property damage.

10. While holding main arm, pull lift handle out and slide main arm up until awning is at desired height. Then release lift handle to lock in position. See FIG. 10.



11. Repeat step "10" for opposite side.

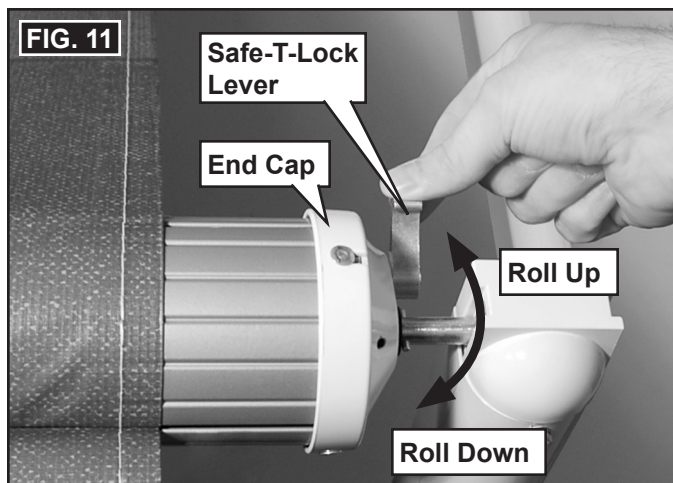
Carport Position

(Main Arm Vertical -Patio Foot On Ground):

⚠ WARNING

IMPACT OR PINCH HAZARD. Make sure the rafter claws are latched securely onto torsion rod (near end cap), AND rafter knobs are tightened properly before rotating the Safe-T-Lock lever to the roll up position. Otherwise, spring tension will attempt to close the awning quickly and unexpectedly. This could cause a hazardous situation resulting in death or serious injury, and property damage.

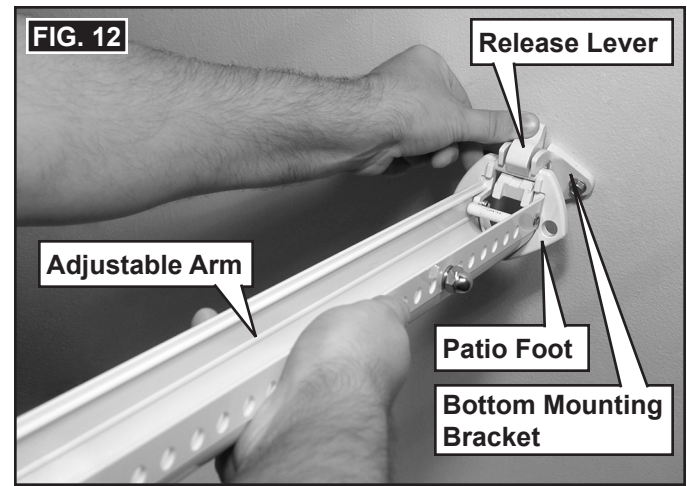
12. With rafter assemblies secured onto torsion rod and tightened, rotate the Safe-T-Lock lever to the roll up position. See FIG. 11.



⚠ CAUTION

LIFTING HAZARD. Use proper lifting technique and control when lifting main arm and arm assembly. Failure to obey this caution could result in muscle strain, back injury, or property damage.

13. Press the release lever on bottom mounting bracket and lift arm assembly out and away from coach. See FIG. 12.



NOTICE

Make sure the Safe-T-Lock lever is in the roll up position before moving arm assembly to the carport position. Failure to obey this notice could cause the torsion lock to bind and will eventually lead to permanent damage.

14. Move arm assembly to a vertical position, and secure patio foot to floor / ground.
15. While holding main arm, pull lift handle out and slide main arm up or down until awning is at desired height. Then release lift handle to lock in position. See FIG. 10.
16. Repeat steps "13" through "15" for opposite side.
17. Rotate the Safe-T-Lock lever back to the roll down position. See FIG. 11.

B. Set Awning Slope

⚠ WARNING

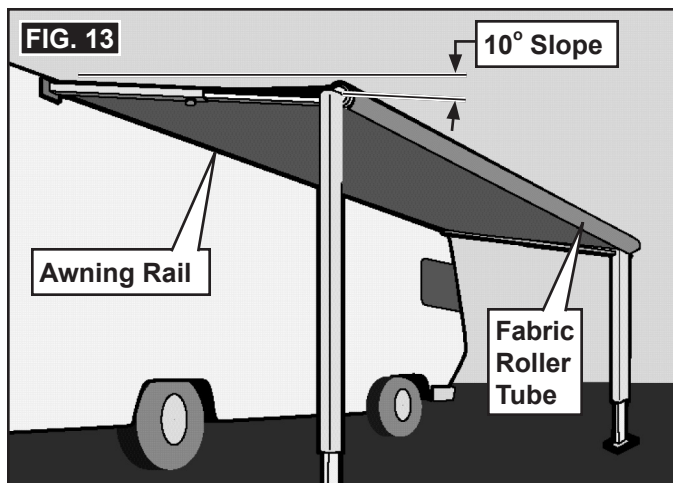
IMPACT OR CRUSH HAZARD. Never allow water to pool on awning fabric. This will make the awning unstable, and could cause the arm assemblies and fabric roller tube to bend or collapse. Whenever heavy rain is expected, the awning must be placed in the stowed (rolled up) position.

Never disengage the lift handle with water pooled on awning fabric. This will cause the awning to collapse.

Failure to obey these warnings could result in death or serious injury.

Setting the fabric roller tube lower than the coach's awning rail will help accommodate water runoff. We recommend sloping the awning fabric away from coach by 10 degrees minimum. See FIG. 13.

Note: Never set the height of fabric roller tube to be level with awning rail, as this would allow water to pool on awning fabric.



C. Prepare Awning To Shed Water

⚠ WARNING

IMPACT OR CRUSH HAZARD. Do not allow water to pool on awning fabric. This will make the awning unstable, and could cause the arm assemblies and fabric roller tube to bend or collapse. Whenever heavy rain is expected, the awning must be placed in the stowed (rolled up) position.

Never disengage the lift handle with water pooled on awning fabric. This will cause the awning to collapse.

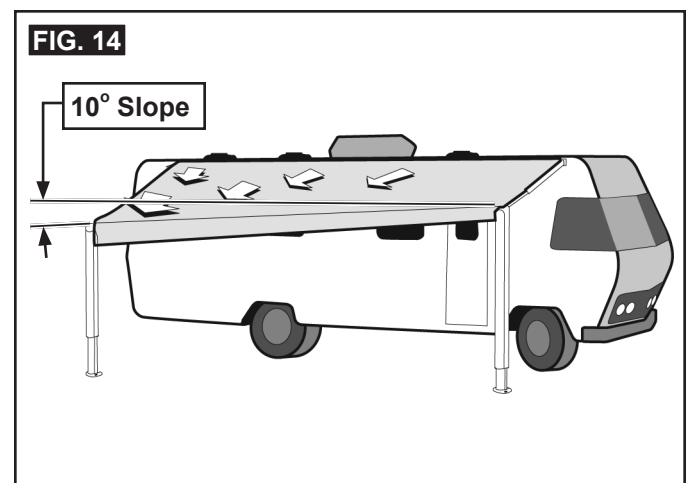
Failure to obey these warnings could result in death or serious injury.

Sunchaser model 8275000 series hardware is not equipped with the water shed feature. During light rain, we recommend lowering one arm assembly to create a slope from the other arm assembly.

Note: It is recommended that the arm assembly on the end farthest away from entry door is lowered.

1. While holding main arm, pull lift handle out and slide main arm down until awning slopes approximately 10 degrees minimum from the other arm assembly (7-8 holes lower). Then release lift handle to lock in position. See FIG. 10 and 14.

Note: This slope requirement is in addition to the 10 degree slope from coach's awning rail.



Universal model 8485000 series hardware is designed with a water shed feature that will automatically lower one side of the awning to allow for water run off during light rain.

⚠ WARNING

IMPACT OR CRUSH HAZARD. When 8485000 hardware is used with a (tension) rafter assembly, the water shed arm assembly must be placed in water shed position. Failure to obey this warning could allow water to pool on awning fabric, and could cause a hazardous situation resulting in death or serious injury.

Important: The water shed feature on 8485000 hardware is disabled when used with a tension rafter. Place water shed arm assembly in water shed position in same manner as Sunchaser model 8275000.

D. Close Awning

1. Unwrap pull strap from main arm. See FIG. 9.

Note: To close awning from the carport position, continue with step “3”; from the patio position, skip to step “7”.

From Carport Position (To Patio Position) (Main Arm Vertical -Patio Foot On Ground):

⚠ WARNING

IMPACT OR PINCH HAZARD. Make sure the rafter claws are latched securely onto torsion rod (near end cap), AND rafter knobs are tightened properly before rotating the Safe-T-Lock lever to the roll up position. Otherwise, spring tension will attempt to close the awning quickly and unexpectedly. This could cause a hazardous situation resulting in death or serious injury, and property damage.

2. With both rafter assemblies secured onto torsion rod and tightened, rotate the Safe-T-Lock lever to the roll up position. See FIG. 11.
3. Unfasten patio foot from floor / ground.

⚠ CAUTION

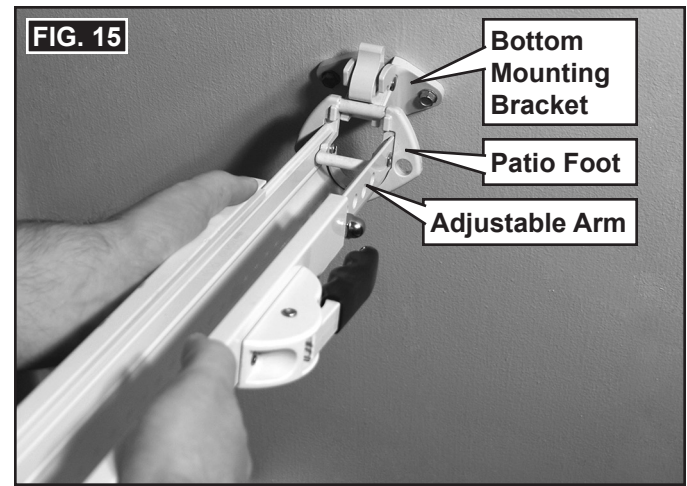
LIFTING HAZARD. Use proper lifting technique and control when lowering or lifting main arm and arm assembly. Failure to obey this caution could result in muscle strain, back injury, or property damage.

4. While holding main arm, pull lift handle out and slide main arm down until it reaches its shortest position (against stop bolt or stop clip). Then release lift handle to lock in position. See FIG. 10.

NOTICE

Make sure the Safe-T-Lock lever is in the roll up position before moving arm assembly to the carport position. Failure to obey this notice could cause the torsion lock to bind and will eventually lead to permanent damage.

5. Lift arm assembly from vertical position and move toward coach. Latch patio foot, located on bottom of adjustable arm (or on bottom of water shed arm if equipped), into bottom mounting bracket. See FIG. 15.



6. Repeat steps “3” through “5” for opposite side.
7. Rotate the Safe-T-Lock lever back to the roll down position. See FIG. 11.

From Patio Position

(Main Arm Diagonal -Patio Foot Attached To Coach):

⚠ WARNING

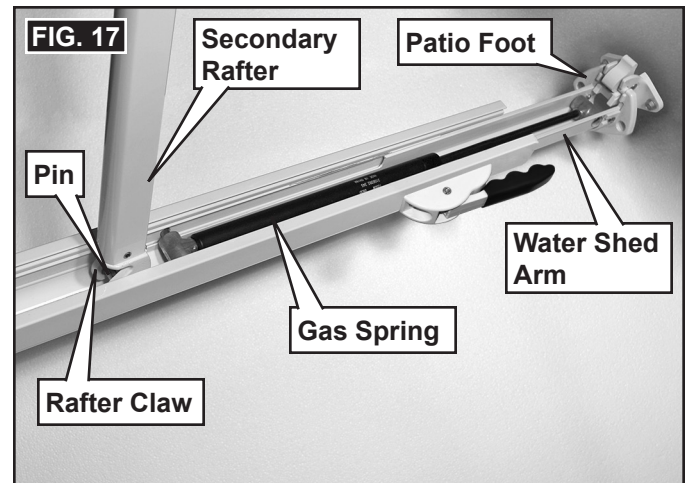
IMPACT OR PINCH HAZARD. Make sure the Safe-T-Lock lever is in the roll down position. Otherwise, spring tension will attempt to close the awning quickly and unexpectedly. This could cause a hazardous situation resulting in death or serious injury, and property damage.

8. Loosen rafter knob and unhook rafter claw from torsion rod (near end cap). See FIG. 5.

NOTICE

Make sure the middle channel of the telescoping rafter assembly (if equipped) will retract freely into the outermost channel of secondary rafter before attempting to roll up the awning. Failure to obey this notice could result in property damage.

Note: Model 8485000.X22# with water shed arm has a telescoping secondary rafter that requires releasing a spring button to allow the secondary rafter to retract. Press down on spring button and push middle channel inward. See FIG. 6.



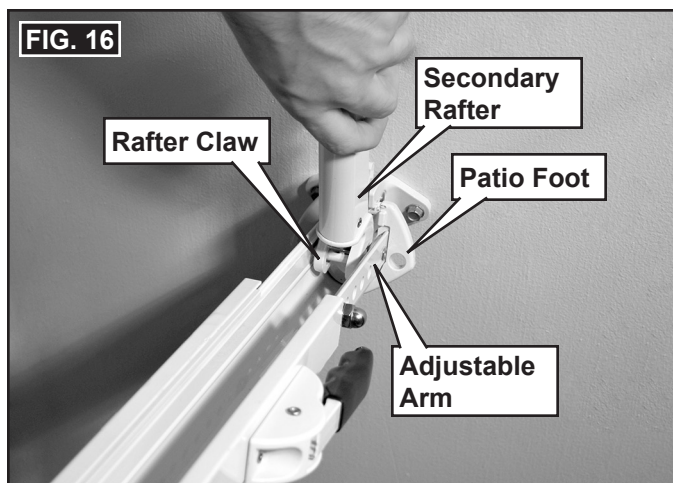
10. Repeat steps “7” through “8” for opposite side.

NOTICE

Universal model 8485000 series hardware:
Make sure you follow the instructions inside the water shed arm assembly, regarding proper stowing. Do not latch rafter claw onto patio foot of the water shed arm assembly. Failure to obey this notice could result in property damage.

9. With rafter knob loosened, swing rafter assembly back against side of coach and latch rafter claw onto patio foot. See FIG. 16.

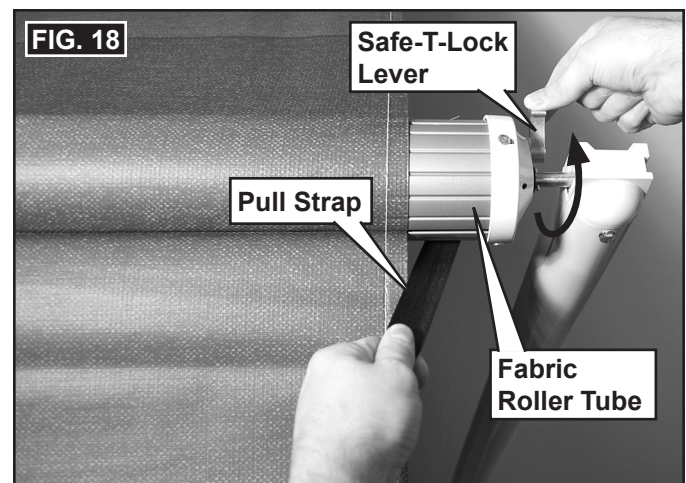
Note: For Universal model 8485000 series hardware, latch rafter claw onto pin at top of gas spring on the water shed arm assembly. See FIG. 17.



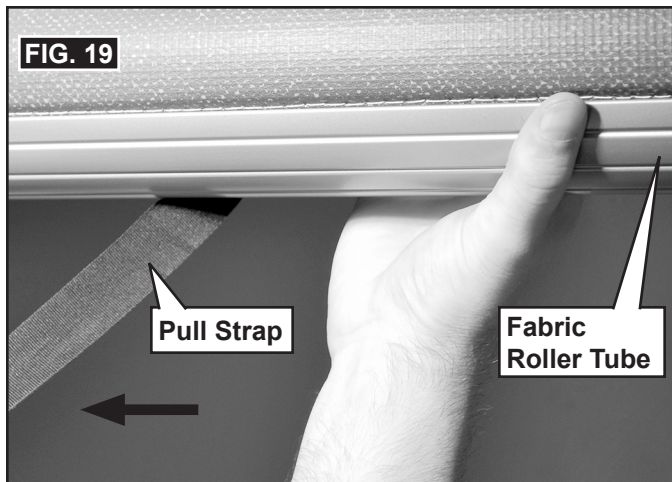
⚠ WARNING

IMPACT OR PINCH HAZARD. Hold pull strap firmly before rotating the Safe-T-Lock lever to the roll up position. The fabric roller tube is under spring tension, which will attempt to close the awning quickly and unexpectedly. Failure to obey this warning could cause a hazardous situation resulting in death or serious injury, and property damage.

11. Grasp pull strap firmly, then rotate the Safe-T-Lock lever to the roll up position. See FIG. 18.



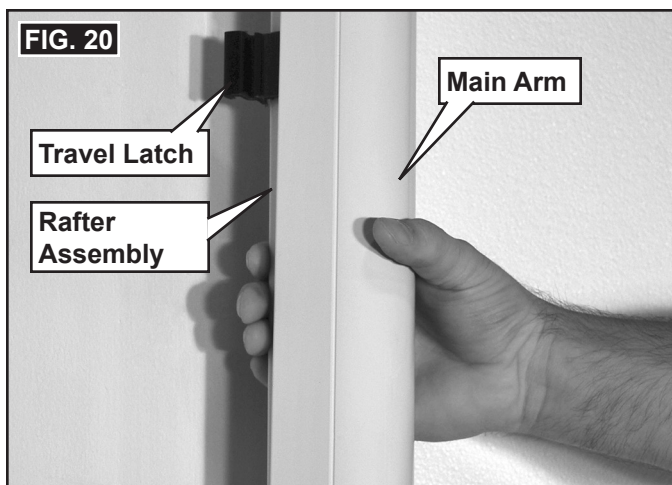
12. While holding the fabric roller tube (to help relieve spring tension), slide pull strap towards the center of the tube. See FIG. 19.



NOTICE

Move pull strap diagonally (to left or right) as the awning rolls up. Failure to obey this notice could cause awning fabric to bunch up, or cause a bulge to form and permanently stretch the fabric.

13. Hook pull rod into pull strap loop, then carefully and slowly allow awning to roll up.
14. Squeeze the rafter assembly into main arm until a click is heard. This will indicate the travel latch is engaged. Repeat for opposite side. See FIG. 20.



15. Tighten rafter knobs on both sides to help ensure rattle-free travel. See FIG. 2.

E. General Care And Use

⚠ WARNING

IMPACT OR CRUSH HAZARD. Never leave an open awning unattended. Keep the awning stowed (rolled up) during snow, heavy rain, wind, and severe weather conditions. Never release the lift handle's lock button with water pooled, snow accumulated, or heavy debris on awning fabric. This will cause the awning to collapse. Failure to obey these warnings could result in death or serious injury, and property damage.

1. Always make sure awning is extended high enough to accommodate entry door's swing clearance before opening entry door.
2. Apply silicone spray lubricant as needed to keep the fabric roller tube assembly's moving parts operating smoothly.
3. Rub candle wax on all sliding surfaces of arm assemblies and rafter assemblies.

⚠ WARNING

FIRE HAZARD. Keep barbecue grills and fire away from awning. Failure to obey this warning could cause smoke damage, or a fire resulting in death or serious injury.

NOTICE

Do not expose awning to long hours in direct sunlight, which could cause UV damage over time.

Do not use insecticides or other sprays near awning fabric, which could cause stains and adversely affect the fabric's ability to repel water.

4. Do not expose awning to adverse environmental conditions, corrosive agents, or other harmful conditions.

NOTICE

Never roll up awning for storage when wet. The combination of moisture and dirt could result in mildew, discoloration, and stains.

5. If it is necessary to roll up awning while it's wet, make sure you roll it out and let it dry (as soon as conditions allow) before rolling it up again.

NOTICE

Do not allow dirt, leaves, or other debris to accumulate on awning, which could cause abrasion and stains. Mildew could grow on dirt and organic debris causing permanent discoloration, stains, and odors to awning fabric.

6. Periodically clean awning fabric.

F. Model 8500 And Sunchaser Fabric Care

Vinyl fabric offers the advantage of durability and water resistance.

1. To clean:
 - a. Mix 1/4 cup dish soap and 1/4 cup bleach to five gallons of fresh water.
 - b. Soap the open awning with this solution, then roll it up and let stand for five minutes.

Note: Rolling up awning will apply solution to underside of the fabric.

- c. After five minutes have passed, unroll awning and hose off top and bottom with clean water.

NOTICE

Make sure you completely remove solution from awning fabric. Bleach will degrade vinyl awning fabric if not completely rinsed off.

- d. Repeat as necessary to completely remove solution, and allow awning to dry thoroughly before stowing (rolling up).

G. Model 9000 Fabric Care

In addition to its beauty and soft translucence, woven acrylic fabric offers the advantage of strength and breathability. It is also water repellent. However, since it is a woven cloth, it is not water proof.

1. Avoid touching underside of the 9000 canopy when it is wet. To do so will break the surface tension of the water and encourage seepage through fabric.
2. Because woven acrylic has a much lighter weight than vinyl, shifting may occur if awning and pull strap are not centrally aligned with fabric roller tube while awning is being rolled up. If necessary, roll the awning out and adjust the alignment.

NOTICE

Do not use detergent to wash an acrylic awning. Detergent may leave a residue that will attract dirt and allow fabric to absorb water, which could result in leaks, mildew, discoloration, and stains.

Do not scrub awning fabric. Scrubbing could remove the water repellent and may require its reapplication.

3. To clean:
 - a. Periodically hose off the awning fabric with clean water, and allow to dry thoroughly before stowing (rolling up).

H. When To Get More Help

1. If malfunctions occur that cannot be corrected by reviewing this user's guide, contact a qualified Dometic service technician.

NOTICE

A slight "travel line" may appear where door roller contacts the awning fabric. This is considered normal and does not affect the integrity of the awning.