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Model Number _____
Serial Number _____
Date Purchased _____
Retailer / Qualified Installer _____

**INSTALLATION & OPERATING
INSTRUCTIONS**

**OASIS ELITE
975 SERIES
AUTOMATIC RV DOOR
AWNING SYSTEM**

MODEL

**975XX48.XX0(#), 975XX48.XX0(#L),
975XX56.XX0(#), 975XX56.XX0(#L),
975XX60.XX0(#), 975XX60.XX0(#L)**



Read these instructions carefully. These instructions MUST stay with this product.

REVISION B

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INTRODUCTION

These instructions apply to the Oasis Elite 975 series awnings (hereinafter referred to as “door awning”, “awning,” or “product”). It is designed for use over RV entry doors. This awning can be installed by one person with brief help from additional personnel. Use these instructions to ensure correct installation, function, and operation of product.

Dometic Corporation reserves the right to modify appearances and specifications without notice.

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DOCUMENT SYMBOLS

 Indicates additional information that is **NOT** related to physical injury.

 Indicates step-by-step instructions.

IMPORTANT SAFETY INSTRUCTIONS

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

A. Recognize Safety Information



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

B. Understand Signal Words

A signal word will identify safety messages and property damage messages, and will indicate the degree or level of hazard seriousness.

WARNING indicates a hazardous situation that, if **NOT** avoided, could result in death or serious injury.

CAUTION indicates a hazardous situation that, if **NOT** avoided, could result in minor or moderate injury.

NOTICE is used to address practices **NOT** related to physical injury.

C. Supplemental Directives



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

Read and understand these instructions before [installing / using / servicing / performing maintenance on] this product.

Incorrect [installation / operation / servicing / maintaining] of this product can lead to serious injury. Follow all instructions.

The installation **MUST** comply with all ap-

plicable local and national codes, including the latest edition of the following standards:

U.S.A.

- ANSI/NFPA70, National Electrical Code (NEC)
- ANSI/NFPA 1192, Recreational Vehicles Code

CANADA

- CSA C22.1, Parts I & II, Canadian Electrical Code
- CSA Z240 RV Series, Recreational Vehicles

D. General Safety Messages

WARNING Failure to obey the following warnings could result in death or serious injury:

- This product **MUST** be [installed / serviced] by a qualified service technician.
- Do **NOT** modify this product in any way. Modification can be extremely hazardous.
- Frequently examine product for imbalance (uneven fit / sagging / loose parts); and signs of wear or damage to wiring (if applicable) and other critical parts. Do **NOT** use product if adjustments or repairs are necessary.



Critical parts may include awning fabric, cables, arm assemblies, etc.

- Disconnect product from power supply (if applicable), and do **NOT** operate product when maintenance (such as window cleaning) is being carried out in the vicinity.
- Do **NOT** allow anyone (including children) with

IMPORTANT SAFETY INSTRUCTIONS

reduced physical, sensory or mental capabilities, or lack of experience and knowledge to use this product, unless they have been given supervision or instruction (concerning use of this product) by a person responsible for their safety.

- Do **NOT** allow children to play with product or with fixed controls (if applicable).
- Keep remote controls (if applicable) away from children.
- **IMPACT OR CRUSH HAZARD. NEVER** leave an open awning unattended. Keep awning stowed (closed) when snow, heavy rain, wind, and severe weather conditions are expected.
- **IMPACT OR CRUSH HAZARD. Do NOT** allow

water to pool, snow to accumulate, or heavy debris on awning fabric. Do **NOT** hang or place anything on awning. The awning will become unstable, and could bend or collapse.

- **FIRE HAZARD.** Keep sources of heat and fire (barbecue grills, portable heater, etc.) away from awning. Failure to obey this warning could result in death or serious injury.

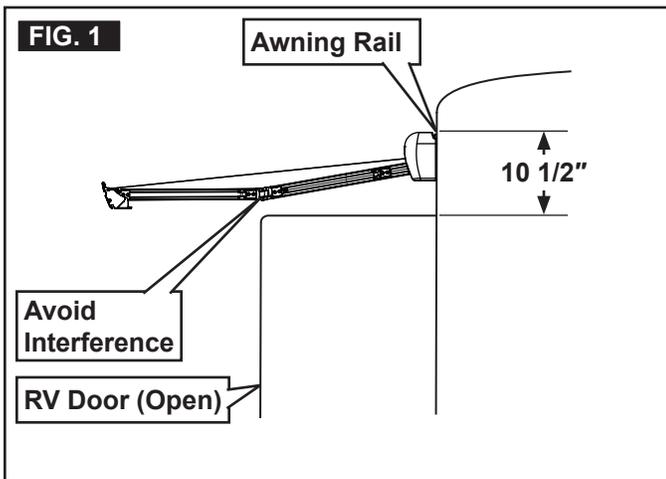
CAUTION PINCH HAZARD. Maintain a horizontal distance of at least 16" between fully open awning and any permanent object. Failure to obey this caution could result in injury.

i Do **NOT** face awning toward permanent objects that may interfere with awning operation.

SPECIFICATIONS

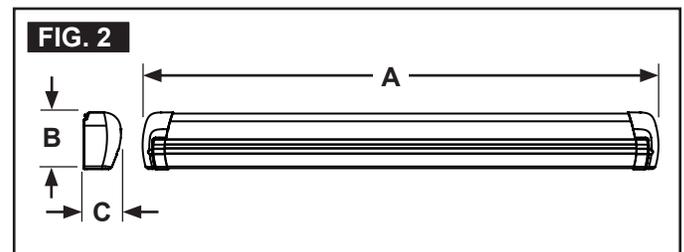
A. Door Clearance

Maintain a minimum distance of 10 1/2" between awning rail and entry door. See (FIG. 1).



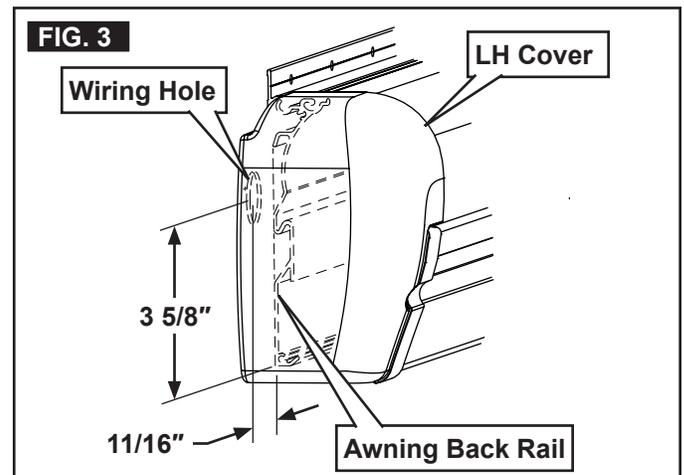
C. Awning Dimensions

1. Awning overall dimensions. See (FIG. 2).



Model	A	B	C
975XX48.XX0(#)(L)	48 1/2"	6"	4"
975XX56.XX0(#)(L)	55 1/2"	6"	4"
975XX60.XX0(#)(L)	59 1/2"	6"	4"

2. Awning wiring hole location. See (FIG. 3).



B. Wire Length And Size

To avoid voltage drop, follow wire length guide for all awning wiring. See "Table 1" below.

Wire Length	Wire Size
10' & Under	14 Gauge
11' to 30'	12 Gauge
Over 30'	10 Gauge

GENERAL INFORMATION

A. Included Hardware

(2) #10-16 X 5/8" Self-Drilling Screws

(*) #6-20 X 1/2" Square Drive Screw

* Quantity varies by length of awning rail.

B. Additional Components & Kits

(1) 830304 Door Roller Kit

(1) 830304.003 Door Roller Kits (50 Pack)

3310287.010 Electronic Control Kit

Although this kit includes a wiring harness kit, additional wiring (installer supplied) is still required.

3310287.002 Electronic Control Kit

This kit will require additional components and wiring (installer supplied):

(4) 350766-1 Plug (3 Position)

(4) 350777-1 Plug (2 Position)

(1) 350779-1 Plug (4 Position)

(6) 350689-1 Socket (18-24 gauge)

(1) 350550-1 Socket (14-20 gauge)

(2) 640310-1 Socket (10-12 gauge)

(14) 350547-1 Pin (14-20 gauge)

PREPARE FOR INSTALLATION

A. Door Roller And Edge Guard (Optional)

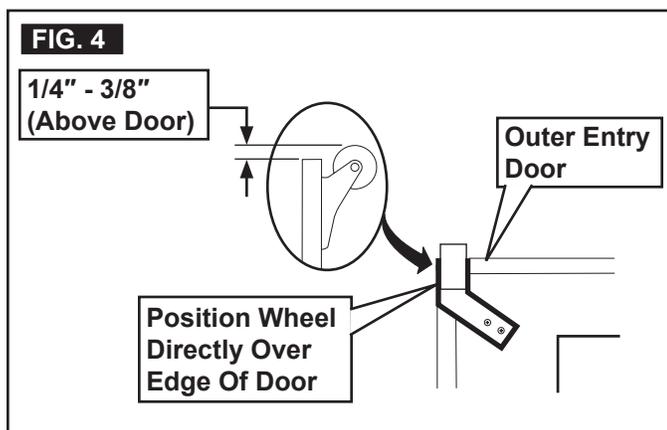
NOTICE Do **NOT** allow corner of entry door to contact awning fabric. Otherwise, premature wear or tearing of awning fabric could occur.

If there is potential for a squared corner entry door to contact awning fabric, a door roller kit (NOT INCLUDED) must be installed.

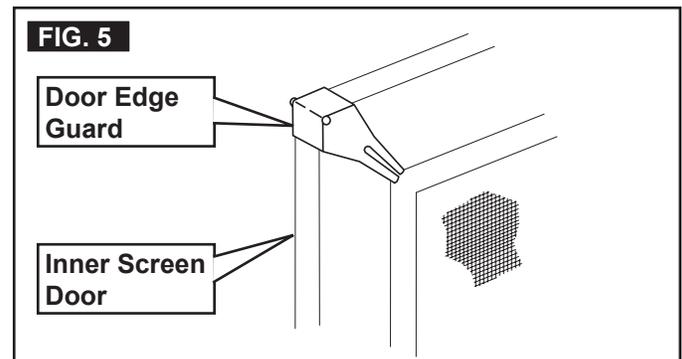
i Rounded corner doors may **NOT** require a door roller kit if there is no potential for damage to awning fabric.

See subsection, "B. Additional Components & Kits" on page (5) to order door roller kits.

1. Install door roller. See (FIG. 4).
 - a. Place door roller at upper corner (opposite to hinge) of outer entry door. Face roller out, and 1/4" to 3/8" above door.
 - b. Place and tighten self-drilling screws (provided) through mounting holes and into door.



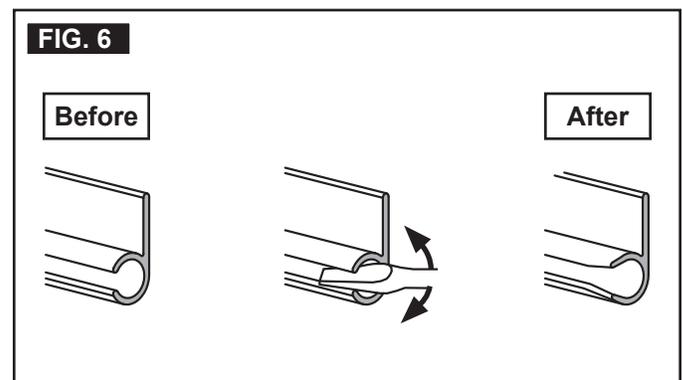
2. Clip door edge guard onto upper corner (opposite to hinge) of inner screen door. See (FIG. 5).



B. Prepare Awning Rail

NOTICE Make sure awning rail is parallel to RV floor, and is **NOT** warped or curved before installing awning fabric. If awning rail is **NOT** straight, awning fabric may wrinkle or stretch.

Select desired awning rail end (on RV) into which awning fabric will be inserted. Flare (widen) that end of rail with a flat-bladed screwdriver, and remove (file) sharp edges. See (FIG. 6).



PREPARE FOR INSTALLATION

C. Determine Awning Location

-  1. **⚠ WARNING** IMPACT OR CRUSH HAZARD. Make sure mounting surface on RV is flat, has solid structural backing where fasteners penetrate surface, and will safely and securely support product. Otherwise, product may become unstable and could [detach / bend / collapse]. Failure to obey this warning could result in death or serious injury.
- Find a solid structure in RV wall (centered over door) for support of awning rail and back rail (all mounting points).

2. **NOTICE** Allow for sufficient clearance between awning fabric and entry door to accommodate awning pitch (slope). Avoid location that interferes with entry door swing when awning is completely extended. See subsection, "A. Door Clearance" on page (4).
3. Maintain a minimum of 1/2" clearance at top and sides of awning case.
-  Additional clearance is recommended to allow easier access for servicing.

INSTALL ELECTRICAL KITS

⚠ WARNING ELECTRICAL SHOCK HAZARD. Disconnect 120 Vac power from RV. Failure to obey this warning could result in death or serious injury.

NOTICE Failure to obey the following notices could damage product or property.

- Disconnect the positive (+) 12 Vdc terminal from supply battery. Otherwise, damage to unit could occur.
- Do **NOT** pinch wiring or allow wiring to rub against sharp edges. If wiring is damaged, it **MUST** be replaced by a qualified service technician.

Disconnect power for **ALL** procedures under this section.

To complete electrical installation, an electronic control kit is required. See subsection, "B. Additional Components & Kits" on page (5) to order.

 The electronic control is pre-wired for WeatherPro awning installation. If a WeatherPro awning is **NOT** installed, only the Oasis Elite door awning connections will be used.

The electronic control and key fob are programmed as a matched set. They **MUST** remain together.

A. Mount Electronic Control Box

-  1. Find a suitable location for electronic control box that's protected from weather and other adverse conditions.
-  Avoid mounting control box close to steel framing. Recommended mounting locations include protected compartments outside living quarters (such as basement storage).
2. Place and tighten #6-20 X 1" screws (provided) through control kit base (mounting holes) and into mounting surface of RV.

B. Install Wiring To Awning Motor

 An electronic control kit (NOT INCLUDED) **MUST** be used to perform this step. See subsection, "B. Additional Components & Kits" on page (5).

Depending on the application, the electronic control kit may include a wiring harness, or may only include plugs and pins (requiring installer supplied wiring). To avoid voltage drop, use the correct wire gauge shown in "Table 1" on page (4).

Wire colors noted within this step are industry standard. Some RV manufacturers use different colors. Refer to RV manufacturer's wiring schematics.

-  1. Using the correct wire gauge, route (1) **BLACK/WHITE** wire and (1) **RED/WHITE** wire (inside RV) from electronic control box to general location where connections to awning motor will be made.

 Allow enough wiring length to pass through outside RV wall (hole will be drilled later) for connection to awning.

Wiring hole location will be at LH cover, with awning centered over door. See (FIG. 2) & (FIG. 3).

2. Make wiring connections in compliance with all applicable codes. See section, "APPENDIX A: ELECTRONIC CONTROL KIT WIRING" on page (15).

 Use plug connectors supplied with wiring harness / electronic control kit.

Make sure connections will mate **BLACK/WHITE** wire to **BLACK** (or **BLUE**) awning motor wire, and **RED/WHITE** wire to **RED** (or **BROWN**) awning motor wire.

INSTALL ELECTRICAL KITS

Wiring connections to awning motor (through outside RV wall) will be made later.

3. Plug wiring harness connector into "Door Motor" terminal on electronic control box.

C. Install (Fixed / Wired) Remote Awning Switch

i Wire colors noted within this step are industry standard. Some RV manufacturers use different colors. Refer to RV manufacturer's wiring schematics.

- 1. NOTICE** Do **NOT** expose switch to weather, extreme temperatures, or long hours in direct sunlight.

Find a suitable location for awning switch installation.

2. Using a correct wire gauge, route (1) **YELLOW/WHITE** wire, (1) **BROWN/WHITE** wire, and (1) **GREEN/WHITE** wire from electronic control box to awning switch location.

i See instructions included with your Dometic Corporation switch kit for additional wiring instructions.

3. Make wiring connections in compliance with all applicable codes.

i Use plug connectors supplied with wiring harness / electronic control kit.

4. Plug wiring harness connector into "Door Switch" terminal on electronic control box. See section, "APPENDIX A: ELECTRONIC CONTROL KIT WIRING" on page (15).

D. Install Ignition / Safety Interlock System

⚠ WARNING IMPACT OR CRUSH HAZARD. Do **NOT** install product without also installing an ignition/safety interlock system. Otherwise, accidental operation during transit could occur. Failure to obey this warning could result in death or serious injury.

i Wire colors noted within this step are industry standard. Some RV manufacturers use different colors. Refer to RV manufacturer's wiring schematics.

- 1. NOTICE** Install a (3 A) fuse (installer supplied) at fuse panel for positive (+) 12 Vdc ignition control (**PINK** wire) to ignition interlock. Otherwise, damage to unit could occur.

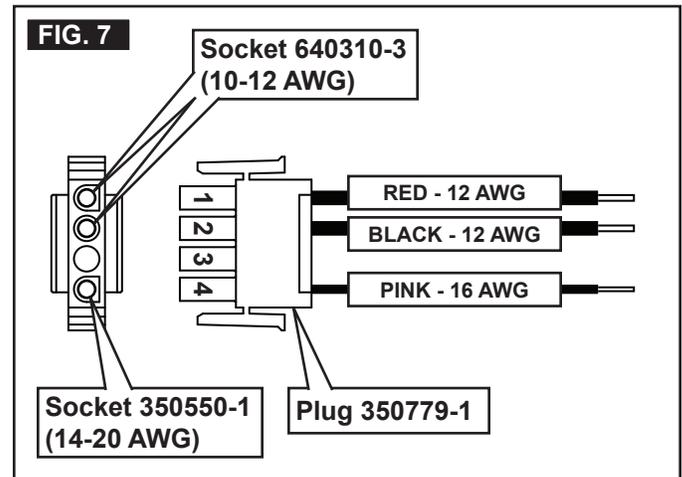
2. Using the correct wire gauge, route (1) **PINK** wire from electronic control box to (+) 12 Vdc ignition isolator.
3. Make wiring connections in compliance with all applicable codes. See (FIG. 7).

i The ignition interlock **MUST** break the circuit (cut power) to awning when ignition is ON.

Use plug connectors supplied with wiring harness / electronic control kit.

A pin or wire nut (installer supplied) is required for connection to wire harness.

Connection (with plug) to electronic control box will be made later.



E. Connect Electronic Control Box To Power Supply

- 1. NOTICE** Make sure the positive (+) 12 Vdc terminal is disconnected from supply battery. Otherwise, damage to unit could occur.

2. Using the correct wire gauge, route (1) **BLACK** wire and (1) **RED** wire from electronic control box to 12 Vdc power supply.

i Connection to power supply **MUST** be on a separate (15 A) circuit.

Power supply **MUST** provide a minimum of 12.5 Vdc at electronic control box for correct awning operation.

3. Make wiring connections in compliance with all applicable codes. See (FIG. 7).

i Use plug connectors supplied with wiring harness / electronic control kit.

4. Plug wiring harness connector into "Power 12 Vdc" terminal on electronic control box. See section, "APPENDIX A: ELECTRONIC CONTROL KIT WIRING" on page (15).

INSTALL ELECTRICAL KITS

F. Install LED Light Switch (If Applicable)

An LED light switch (installer supplied) is required for awning models equipped with an LED light strip.

i Skip this subsection if awning is **NOT** equipped with an LED light strip.

- 1. NOTICE** Do **NOT** expose switch to weather, extreme temperatures, or long hours in direct sunlight.
Find a suitable location for LED switch installation.
- Route wiring (inside RV) to general location where connections to awning hardware will be made.

i Allow enough wiring length to pass through outside RV wall (hole will be drilled later) for connection to awning.

- 3. NOTICE** Disconnect the positive (+) 12 Vdc terminal from supply battery. Otherwise, damage to unit could occur.

Make appropriate wiring connections inside RV.

i Wiring connections to awning (through outside RV wall) will be made later.

See instructions included with your LED light switch for additional wiring instructions.

INSTALL AWNING

⚠ WARNING Failure to obey the following warnings could result in death or serious injury:

- IMPACT OR CRUSH HAZARD.** This product should be installed in a controlled environment (inside). Do **NOT** install product during windy conditions, or when wind is expected. Otherwise, product could move unpredictably, become unstable, and could [detach / bend / collapse].
- FIRE OR ELECTRICAL SHOCK HAZARD.** Make sure there are no obstacles (wires, pipes, etc.) inside RV's [roof / floor / walls]. Shut off gas supply, disconnect 120 Vac power from RV, and disconnect positive (+) 12 Vdc terminal from supply battery before drilling or cutting into RV. Failure to obey these warnings could result in death or serious injury.

NOTICE **ALWAYS** use sealant on (clean) parts and surfaces where fasteners enter RV's [walls / roof / floor]. Otherwise, water leakage could occur.

A. Install Awning Rail And Insert Awning

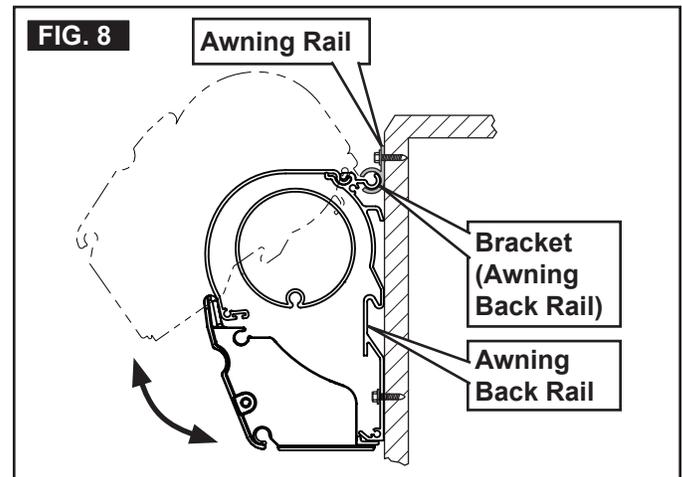
- 1. NOTICE** Install awning rail on a flat surface (with solid structural backing), straight (without curves), and parallel to RV floor to ensure correct function and appearance.

Apply sealant to the back edge of awning rail, and to the #6-20 X 1/2" screws (provided). Then place and tighten screws through awning rail and into solid structure of RV.

i The awning rail is **NOT** provided with this awning, but it may be ordered separately. #6 X 1" wood screws (installer supplied) may be used if strength requirements are met for the safe installation and operation of this awning.

- 2. CAUTION** **LIFTING HAZARD.** Use proper lifting technique and control when lifting product. Failure to obey this caution could result in injury.

Carefully lift awning and align awning back rail's bracket to the prepared awning rail end. See (FIG. 6) & (FIG. 8).



- 3.** Insert awning back rail's bracket into awning rail (a stepladder may be necessary), and carefully move (slide) the awning until it is in desired position. See (FIG. 8).

i Awning should be centered on awning rail. To facilitate sliding along rail, awning may be rotated up and motor wiring should be secured out of the way.

B. Electrical Connections To Awning

- 1.** Mark awning wiring hole location. See (FIG. 3) & (FIG. 8).
 - With awning in desired position, mark LH edge and bottom edge of awning back rail.
 - Carefully slide awning (along awning rail) to the right, far enough for free access to marked location.

INSTALL AWNING

- c. Measure 3 5/8" above horizontal mark, and mark new horizontal line.
- d. Measure 11/16" to left of vertical mark, and mark vertically across horizontal line for wiring hole location.

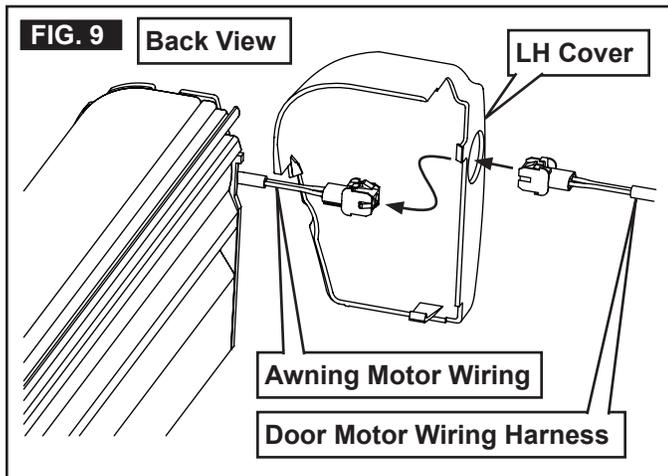
2. **⚠ WARNING** FIRE OR ELECTRICAL SHOCK HAZARD. Make sure there are no obstacles (wires, pipes, etc.) inside RV's [roof / floor / walls]. Shut **OFF** gas supply, disconnect 120 Vac power from RV, and disconnect positive (+) 12 Vdc terminal from supply battery **BEFORE** drilling or cutting into RV. Failure to obey these warnings could result in death or serious injury. Drill (1) 5/8" diameter hole at marked wiring hole location and through outside wall of RV. See (FIG. 3).

3. **NOTICE** Do **NOT** pinch wiring or allow wiring to rub against sharp edges. If wiring is damaged, it **MUST** be replaced by a qualified service technician.

Use a grommet (installer supplied) when routing wires through RV well.

4. **NOTICE** **ALWAYS** seal wiring against weather and moisture where wiring enters RV's [walls / roof / floor]. Otherwise, water leakage could occur.

Pull wiring through drilled hole in RV (and grommet), and through wiring hole in LH cover. See (FIG. 3) & (FIG. 9).



5. **NOTICE** Make sure the positive (+) 12 Vdc terminal is disconnected from supply battery. Otherwise, damage to unit could occur. Add plug connector to door motor wiring harness in compliance with all applicable codes, and connect to awning motor wiring. See (FIG. 9).

- i** Use plug connectors supplied with wiring harness / electronic control kit.

Make sure connections will mate **BLACK/WHITE** wire to **BLACK** (or **BLUE**) awning motor wire, and **RED/WHITE** wire to **RED** (or **BROWN**) awning motor wire.

C. Complete Installation

- 👉** 1. Carefully slide awning (along awning rail) to the left until it is in desired position.

- i** Awning back rail should align with the previously marked location.

2. With power applied to awning, open awning (fully extend).

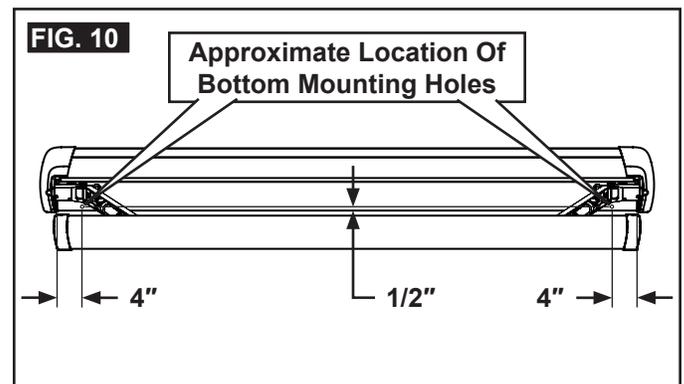
3. **NOTICE** Do **NOT** pinch wiring or allow wiring to rub against sharp edges. If wiring is damaged, it **MUST** be replaced by a qualified service technician.

Verify wiring (if applicable) is not caught between awning and RV wall before tightening back rail fasteners.

4. Apply sealant to #10-16 X 5/8" screws (provided). Then place and tighten screws through back rail (bottom mounting holes) and into solid structure of RV. See (FIG. 10).

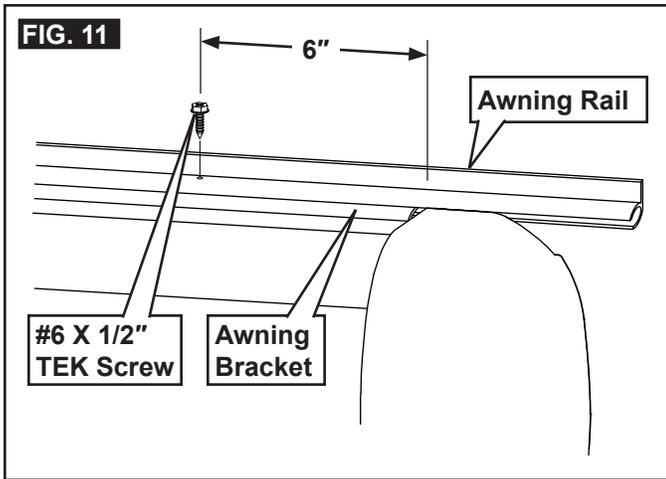
- i** If bottom mounting holes are **NOT** already present, drill (2) 9/64" diameter holes through back rail (approximately 1/2" above bottom edge and 4" from each end of back rail).

Screws provided are self drilling / tapping, so it is **NOT** necessary to drill through RV wall.



5. Secure awning with a #6 X 1/2" TEK screw (installer supplied) on each end of awning rail (approximately 6" from awning bracket edge). See (FIG. 11).

INSTALL AWNING



D. LED Light Connections (If Applicable)

i Skip this subsection if awning is **NOT** equipped with an LED light strip.

- 1. ⚠ WARNING FIRE OR ELECTRICAL SHOCK HAZARD.** Make sure there are no obstacles (wires, pipes, etc.) inside RV's [roof / floor / walls]. Shut **OFF** gas supply, disconnect 120 Vac power from RV, and disconnect positive (+) 12 Vdc terminal from supply battery **BEFORE** drilling or cutting into RV. Failure to obey these warnings could result in death or serious injury. With awning open, drill (1) 5/8" diameter hole through outside wall of RV (near right end of awning and under awning rail).

i Make sure location will allow LED wiring to pass through wall without interference.

- 2. NOTICE** Do **NOT** pinch wiring or allow wiring to rub against sharp edges. If wiring is damaged, it **MUST** be replaced by a qualified service technician.

Use a grommet (installer supplied) when routing wiring through RV wall.

i If grommet is **NOT** used, use heat-shrink tubing where wiring will pass through RV wall.

- 3. NOTICE** **ALWAYS** seal wiring against weather and moisture where wiring enters RV's [walls / roof / floor]. Otherwise, water leakage could occur.

Pull wiring through wiring hole (and grommet).

i If grommet is **NOT** used, make sure sealant will also provide effective and permanent protection against wire damage.

- 4. NOTICE** Make sure the positive (+) 12 Vdc terminal is disconnected from supply battery. Otherwise, damage to unit could occur. Connect LED switch wiring to the factory wired LED light strip.

i See instructions included with your LED switch kit (installer supplied) for additional wiring instructions.

- 5.** Secure wiring to prevent pinching or other damage during awning operation.

i Allow enough slack in wiring to safely accommodate possible fabric movement.

E. Secure Awning For Travel

- 1.** With power applied to awning, operate awning according to Operating Instructions to verify all parts are functioning correctly.
- 2.** Fully close awning. See "B. Close Awning" on page (11).
- 3.** Verify awning is secure for travel. See "C. Prepare Awning For Travel" on page (11).

VERIFY INSTALLATION

A. Test Operation

With power applied to awning, operate awning according to Operating Instructions to verify all parts are functioning correctly.

B. Limit Switch Adjustment

The awning comes equipped with limit switches to stop the motor at full extension and full retraction. These limits are set at the factory and typically should not need any adjustment by the installer or the user. If adjustment of the limit switches is deemed necessary, use a 3 mm Allen wrench.

- 1.** To determine if retraction adjustment is necessary:

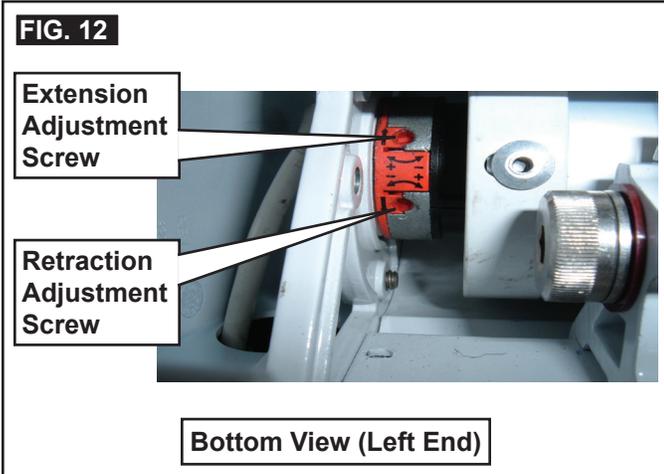
- a. Front rail should fit snug against the case when awning is fully retracted.
- b. Motor should turn itself off and stop trying to turn when awning is fully retracted.

i If motor continues to try to turn once awning is closed, damage to motor or awning components may occur.

- 1.** To adjust for less retraction, turn adjustment screw counterclockwise. See (FIG. 12).

VERIFY INSTALLATION

- II. To adjust for more retraction (awning not fully closed), turn adjustment screw clockwise. See (FIG. 12).



- a. To adjust for less extension (awning tries to over extend), turn adjustment screw counter-clockwise. See (FIG. 12).
- b. To adjust for more extension (awning does not fully extend), turn adjustment screw clockwise. See (FIG. 12).

C. Secure Awning For Travel

1. Fully close awning. See “B. Close Awning” on page (11).
2. Verify awning is secure for travel. See “C. Prepare Awning For Travel” on page (11).

D. Keep Literature

Instructions contain valuable information for product use and consumer safety.



Keep the Installation and Operating Instructions with product.

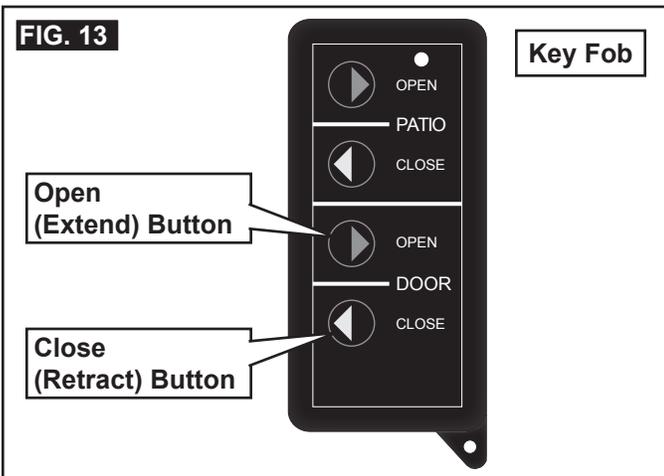
2. If extension adjustment is necessary:

OPERATION

A. Open Awning

CAUTION PINCH HAZARD. Maintain a horizontal distance of at least 16” between fully open awning and any permanent object. Failure to obey this caution could result in injury.

1. Press and hold “open” (extend) door [button / toggle] on [key fob / switch] until awning is fully extended. See (FIG. 13) & (FIG. 14).

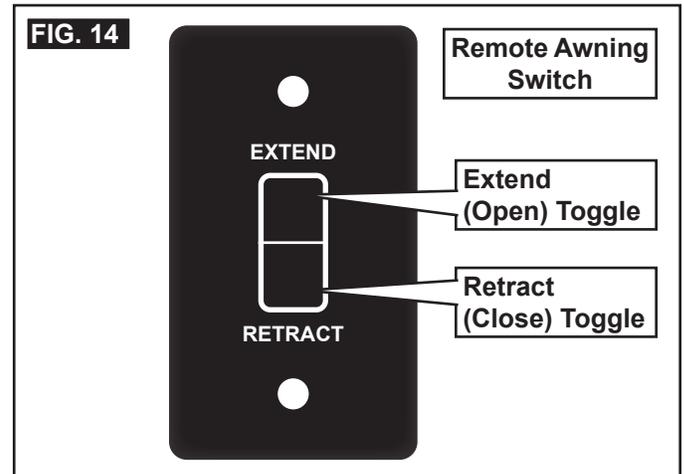


toggle] on [key fob / switch] for (3) seconds. See (FIG. 13) & (FIG. 14).



Awning will retract until closed.

If [button / toggle] is **NOT** held for (3) seconds, awning will automatically stop no matter how far awning is extended / retracted.



Awning will automatically stop when [button / toggle] is released no matter how far awning is extended / retracted.

B. Close Awning

1. Press and hold “close” (retract) door [button /

C. Prepare Awning For Travel

1. **WARNING** IMPACT OR CRUSH HAZARD. Make sure ignition interlock is working correctly before traveling with RV. If awning responds to switch with ignition in **ON** position, accidental operation during transit could occur. The awning **MUST** be disabled, then serviced by a qualified service technician. Failure to obey this warning could result in death or serious injury.

OPERATION

With awning fully closed, test ignition interlock system:

- With vehicle ignition in **ON** position, attempt to open awning.
- If awning does not respond (remains closed), the ignition interlock is functioning. Skip to step (3).
- If awning responds to switch (awning opens), there is a problem with the ignition interlock system. Proceed to step (2).

- Disable awning for travel to service center:
 - Close awning and unplug door motor connector from electronic control box. See section, "APPENDIX A: ELECTRONIC CONTROL KIT WIRING" on page (15).
 - Repeat step (1) to verify motor is disabled.
 - Have awning repaired by a qualified service technician.
- Verify awning is secure for travel.
 -  Look for loose parts, and any sign of instability.

CLOSE OR REMOVE AWNING (POWER FAILURE)

In case of power failure, it may be necessary to close awning manually or remove awning from RV.

-  Rule out simple causes for power failure (RV disconnected from power, low / discharged battery, ignition interlock, etc.) before performing power failure procedures. **After awning is closed manually, it may require service by a qualified service technician.**

A. Close Awning Manually

⚠ WARNING PINCH HAZARD. Keep **CLEAR** of arm assemblies while closing awning. Arm assemblies will [fold / close] against back rail. Failure to obey this warning could result in death or serious injury.

When awning is in open position and 12 Vdc power has been lost, the awning may be closed by supplying auxiliary power (from external source) to awning motor.

-  A 12 Vdc automobile battery may be used as an external power source.

-  **⚠ WARNING** ELECTRICAL SHOCK HAZARD. Disconnect power from product before accessing wiring connections. There may be issues mimicking a power failure with electric current still present, or power may return unexpectedly. Failure to obey this warning could result in death or serious injury.

Disconnect 120 Vdc power from RV, and 12 Vdc power to awning.
- Unplug door motor wiring harness connector from electronic control box. See section, "APPENDIX A: ELECTRONIC CONTROL KIT WIRING" on page (15).
- Connect 16 gauge (minimum) wire leads (user supplied) to door motor wiring harness connector, and tape in place (with electrical tape).

-  Do **NOT** connect to electronic control box. Match wire lead colors to door motor wiring harness colors.

BLACK wire lead to **BLACK/WHITE** door motor wire, and **RED** wire lead to **RED/WHITE** door motor wire.

- NOTICE** Disconnect power **IMMEDIATELY** after awning retracts. Otherwise, damage to awning motor could occur.

With someone watching door awning, connect other end of wire leads to the 12 Vdc external power source, until awning retracts to its closed position:

- Connect **BLACK** wire to positive (+) terminal.

-  The lead wire connected to positive (+) terminal **MUST** have a (3 A) in-line fuse installed.

- Connect **RED** wire to negative (-) terminal.
- Disconnect wire leads from power source once awning fully retracts.

-  The awning will extend if wire leads are reversed (reversed polarity).

- If awning responds to external power source, make sure awning is completely closed and secure. See subsection, "C. Prepare Awning For Travel" on page (11).
- If awning does not respond to external power source (after confirming connections and charge on external power source), the wiring harness may have a short. Proceed to step (7).
- Remove LH cover from awning, and unplug door motor wiring harness from awning motor wiring (connector). See (FIG. 9).
- Connect 16 gauge (minimum) wire leads (user supplied) to awning motor wiring (connector), and tape in place (with electrical tape).

CLOSE OR REMOVE AWNING (POWER FAILURE)

 Do **NOT** connect to door motor wiring harness.

Match wire lead colors to awning motor wiring colors:

BLACK wire to **BLACK** (or **BLUE**) awning motor wire, and **RED** wire to **RED** (or **BROWN**) awning motor wire.

9. Repeat steps (4) through (5).
10. If awning still does **NOT** respond to external power source (after confirming connections and charge on external power source), the motor may be defective. Proceed to subsection, "B. Remove Awning From RV" on page (13).

B. Remove Awning From RV

-  1. With LH cover removed from awning, verify door motor wiring harness is unplugged from awning motor wiring (connector). See (FIG. 9).
2. Remove the (2) #10-16 X 5/8" screws securing awning back rail to RV. See (FIG. 10).

3. Remove the #6 X 1/2" TEK screws securing awning bracket to awning rail. See (FIG. 11).

4.  **CAUTION** LIFTING HAZARD. Use proper lifting technique and control when lifting product. Failure to obey this caution could result in injury. With brief help from additional personnel, carefully move (slide) the awning from awning rail.

5.  **WARNING** IMPACT OR PINCH HAZARD. Hold lead rail firmly while closing awning. Lead rail and lateral arm assemblies are under tension from gas strut, and could extend quickly and unexpectedly if **NOT** controlled. Failure to obey this warning could result in death or serious injury.

While maintaining firm control, push lead rail back until it closes against awning casing. Then securely tie it closed (with fabric strapping or light rope).

 Alternatively, several wraps of strong duct tape may be used to secure awning closed.

GENERAL CARE AND USE

A. Precautions

 **NOTICE** Failure to obey the following notices could damage product or property.

- Do NOT use insecticides or other sprays near awning fabric. These could cause stains, and could adversely affect fabric's ability to repel water.
- Do NOT expose awning to adverse environmental conditions, corrosive agents, or other harmful conditions.
- Do NOT allow corner of entry door to contact awning fabric. Otherwise, premature wear or tearing of awning fabric could occur.
- NEVER close awning (for storage) when wet. The combination of moisture and dirt could result in mildew, discoloration, and stains.

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

- 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.

B. Hardware Maintenance

-  1.  **NOTICE** Do **NOT** use strong chemicals or abrasives to clean parts, as their protective surfaces will be damaged.

Clean awning hardware (as needed) with a mild surface cleaner (such as dish soap).

2.  **NOTICE** Do **NOT** use silicone sprays near labels. Otherwise, the label's adhesive bond to product surfaces could weaken.

Apply silicone spray lubricant as needed to keep the fabric roller tube assembly's moving parts operating smoothly.

3. Lubricate all sliding surfaces of arm assemblies with silicone spray as needed.

C. Fabric Maintenance

Vinyl fabric offers the advantage of durability and water resistance.

 Wrinkling is a normal characteristic of vinyl. Wrinkling may be more noticeable when retracted, and after prolonged periods of storage (rolled up). Leave awning open during warm weather to minimize the wrinkling over a period of time.

1. To clean:

-  a. Mix 1/4 cup dish soap and 1/4 cup bleach to 5 gallons of fresh water to use as cleaning solution.

GENERAL CARE AND USE

- b. **NOTICE** Do **NOT** use abrasive or corrosive cleaners, mildew removers, or hard bristle brushes on awning fabric.
Liberally drench open awning fabric with cleaning solution.
 - c. Close awning, let it soak for 5 minutes, then open awning again.
 - d. **NOTICE** Remove solution **COMPLETELY** from awning fabric. Bleach will degrade awning fabric if **NOT** completely rinsed off.
Thoroughly hose off top and bottom of fabric with clean water.
 Repeat as necessary to completely remove solution.
 - e. **NOTICE** **NEVER** close awning (for storage) when wet. The combination of moisture and dirt could result in mildew, discoloration, and stains.
Allow awning to dry thoroughly before stowing (rolling up).
2. To repair a pinhole, or if a spot of coating flakes off from top layer of vinyl fabric:

-  a. Apply a very small dab of VLP (Vinyl Liquid Patch) on tip of cotton swab.

 VLP is available from Dometic Corporation. Reference part number 3314216.000 when ordering.

- b. Gently roll cotton swab around pinhole. The VLP will melt the coating (on fabric) and that will quickly fill in pinhole and blend with all colored vinyls.

- c. **NOTICE** **NEVER** close (roll up) awning when vinyl liquid patch is wet. Otherwise, damage to other parts of awning fabric (melting through layers) will occur.

Allow VLP to dry thoroughly before stowing (rolling up) awning.

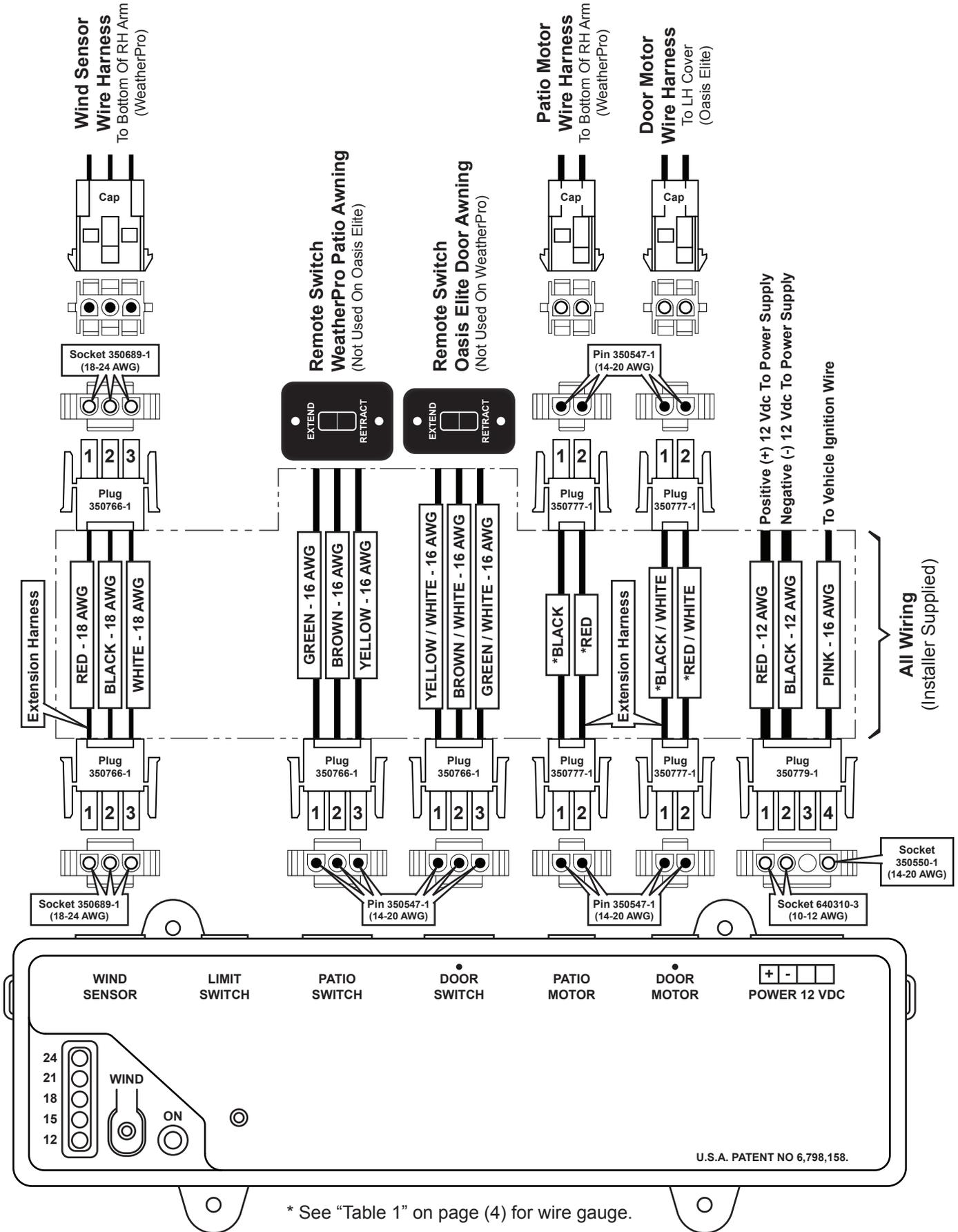
D. When To Get More Help

If malfunctions occur (that cannot be corrected by reviewing these instructions), contact a qualified service technician.

-  A slight "travel line" may appear where door roller (if installed) contacts awning fabric. This is considered normal and does **NOT** affect the integrity of awning fabric.

APPENDIX A: ELECTRONIC CONTROL KIT WIRING

KITS: 3310287.002 & 3310287.010



* See "Table 1" on page (4) for wire gauge.

U.S.A. PATENT NO 6,798,158.