



PLATINUM MODEL
WITH AUTO-RETRACT AND
REMOTE CONTROL

Owner's Manual

THIS MANUAL CONTAINS INSTRUCTIONS FOR UPGRADING BOTH THE GOLD MODEL ONE-TOUCH AND THE ONE-TOUCH MODEL WITH THE KEY SWITCH TO THE PLATINUM MODEL ONE-TOUCH. (REMOTE WITH AUTO RETRACT) SEE REST OF INSTRUCTIONS FOR DETAILS

Section OneInstallation For Unit With Key Switch

Section TwoInstallation For Gold Model Unit

Section Three.....Activating Transmitter Instructions

Section Four.....Operation Instructions

Section Five.....Wiring Diagram

Carefully Review Page 2 Before Proceeding

THESE INSTRUCTIONS ARE FOR INSTALLATION AND OPERATION OF THE PLATINUM VERSION ONE-TOUCH AWNING. *THE PLATINUM VERSION OF THE ONE-TOUCH HAS THE REMOTE CONTROL AND AUTO-RETRACT FEATURES.*

THESE INSTRUCTIONS APPLY TO:

- INSTALLATION WITH THE GOLD VERSION OF THE ONE-TOUCH. THE GOLD UNIT IS OPERATED BY A ROCKER SWITCH ON THE SWITCH PANEL.
- INSTALLATION WITH THE KEY SWITCH VERSION. THIS HAS AN OFF AND ON KEY ON THE SWITCH PANEL.

(Refer to Diagrams at the bottom of the page to determine which unit you have)

FOR INSTALLATION ON ONE-TOUCH WITH KEY SWITCH:

Refer to: SECTION: ONE Pages 3 Through 5

FOR INSTALLATION OF GOLD VERSION WITH ROCKER SWITCH:

Refer to: SECTION: TWO Pages 6

FOR ACTIVATING REMOTE AND TRANSMITTER FOR BOTH GOLD AND KEY SWITCH VERSIONS:

Refer to SECTION: THREE Page 7

FOR OPERATION INSTRUCTION FOR BOTH VERSIONS:

Refer to: SECTION: FOUR Pages 8 And 9

FOR WIRING DIAGRAM FOR BOTH STYLE UNITS:

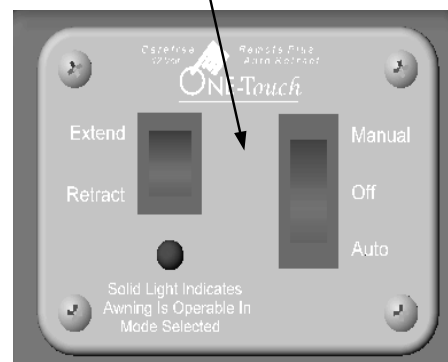
Refer to: SECTION FIVE Page 10

REVIEW THESE SWITCH PANELS BEFORE PRECEDING

IF YOU HAVE THIS KEY SWITCH PANEL
BEGIN INSTALLATION ON PAGE 3.
(REFERRED TO AS KEY SWITCH VERSION)



IF YOU HAVE THIS GOLD VERSION SWITCH
PANEL, BEGIN INSTALLATION ON PAGE 6
(REFERRED TO AS GOLD VERSION
NO KEY SWITCH)



SECTION ONE

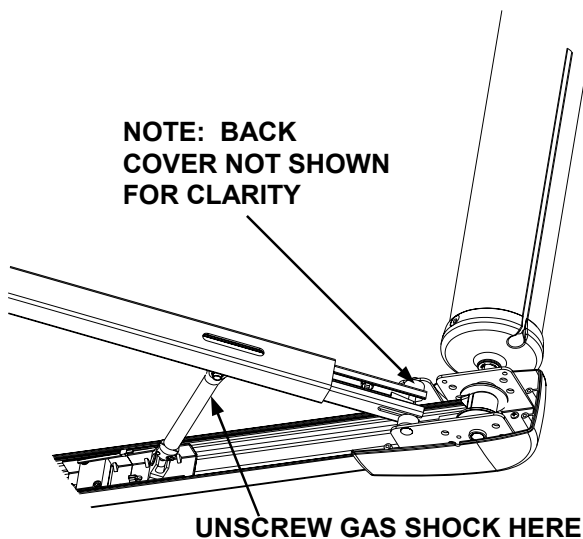
INSTALLATION (KEY SWITCH VERSION)

Step One: Installing New Rafter

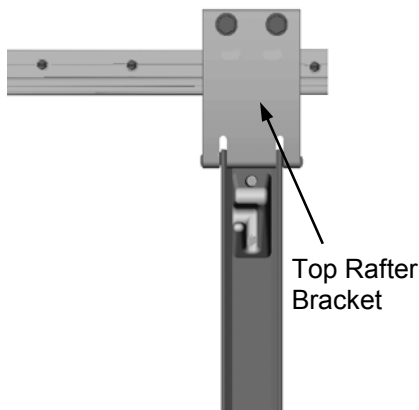
The Upgrade to the Auto- Retract / Remote Control for the One-Touch requires that the back rafter be changed out. Follow the steps listed below to ensure proper rafter change.

A. Extend awning out too a point that there is only one wrap of fabric remaining around the roller assembly. (the valance slot will be facing almost straight up)

B. Move to the back arm unscrew the gas shock from the shock bracket mounted on the rafter. (shown below)

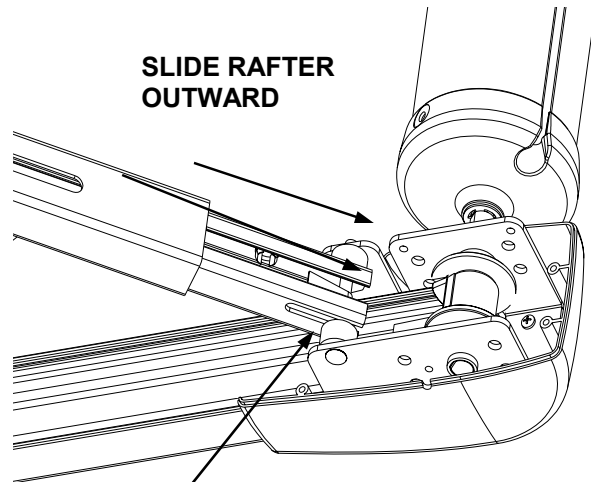


C. Remove top bracket lag bolts that are attaching the top bracket to the vehicle. Take care not to scratch the vehicle with the top brackets when removing.



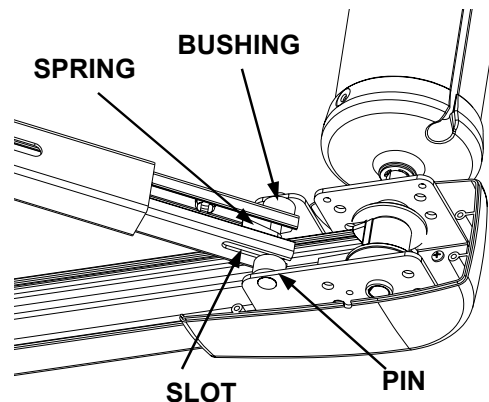
D. Fold top portion of rafter toward lower portion.

E. Slide rafter outward until the slot of the rafter bottoms out on the retaining pin. Depress spring and slide spring under pin and remove rafter and set aside.



SLIDE RAFTER OUTWARD UNTIL THE SLOT OF THE RAFTER BOTTOMS OUT ON THE RETAINING PIN. DEPRESS SPRING AND REMOVE RAFTER

F. Depress the spring on the top of the new rafter and slide it upward between the two bushings until the slot in the end of the rafter bottoms out on the retaining pin. The spring will then hook over pin. (Reversing the above steps)



G. Using silicon caulk and the previously removed lag screws, re-attach the top bracket.

H. Using caution not to unthread the lower portion of the Gas shock, thread the upper portion of the shock into The rafter swivel bracket. Pliers may be needed to hold the lower portion of the shock.

I. Roll awning completely out. Locate the Rafter Adjustment measurement sticker (as shown on front page) on the front rafter. (if your rafter is adjustable and has a sticker.) Roll the awning half way in and adjust the back rafter to match the front rafter measurement.

If the front rafter is not the adjustable style and has no sticker, with the awning rolled completely out, measure the front rafter from top pivot point to bottom pivot point and then roll the awning half way in and adjust the back rafter to match the measurements taken on the front rafter.

SECTION ONE

INSTALLATION (KEY SWITCH VERSION)

Step Two: Locating Existing Electronic Components

A. Locate the Power Control Module and the Power Control Switch that were previously installed in the vehicle.

Power Control Module looks like this and is probably located in an overhead cabinet or possibly behind or under the dash. There will be wire running from this to a 12 volt power source, to the switch and to the Receptacle installed on the sidewall just to the left of the front arm assembly of the awning.



Power Control Switch looks like this and is probably located in an overhead cabinet, passenger side armrest, or in the dash.



B. Once the components are located, unplug the 3 and 2 pronged connectors from the Power Control Module. Remove the screws attaching the control module (if applicable) and set that control module aside. You will use the **Red, Hot** 12-volt wire and the **Black, Ground** wire from the existing 3 pronged plug. The **Blue** wire will no longer be used. The 2 prong connector will be used to plug into the new control box.

C. Remove the screws attaching the switch panel to gain access to the wiring on the back of the panel. Disconnect the wiring from the back of the switch panel. These wires will no longer be used. Set the old switch panel aside. The hole that was cut for the old switch panel will now need to be enlarged to a 2-1/4" diameter hole. Follow the upcoming instructions for proper wiring of the new control panel and switch panel.

Step Three: Install the Power Control Module and Power Control Switch

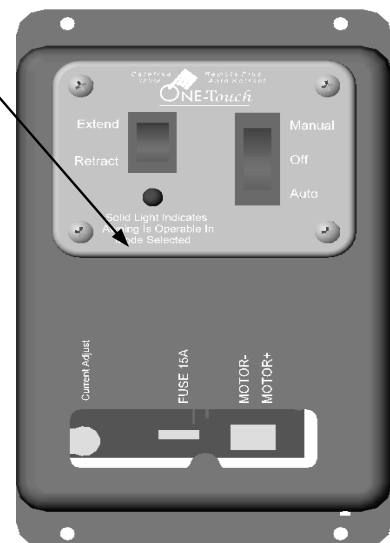
Tip: For optimum performance, always ensure electrical connections are clean, dry, and tight. When using solderless terminals or other methods of attaching or connecting wires, it is recommended to use heat shrink tubing to reduce corrosion contamination and the possibility of corroded connections or an open circuit.

THE POWER CONTROL MODULE AND THE POWER CONTROL SWITCH COME STANDARD, INTEGRATED INTO ONE COMPONENT. THIS MAINLY APPLIES TO NEW INSTALLATIONS OF COMPLETE AWNING. IT IS INTENDED TO BE USED LIKE THIS IN CASES WHERE THE COMPLETE UNIT CAN BE SAFELY INSTALLED IN A SUITABLE LOCATION. THIS LOCATION SHOULD BE WHERE IT DOES NOT INTERFERE WITH ANYTHING BUT ALSO WHERE ACCESS CAN BE GAINED TO THE SWITCH CONTROLS. IT IS RECOMMENDED THAT THIS LOCATION BE SUCH THAT THERE IS SUFFICIENT VIEW OF THE ONE-Touch AWNING DURING OPERATION.

IN DOING AN AUTO-RETRACT UPGRADE, SUCH AS THIS, IN MOST CASES YOU WILL WANT TO MOUNT THE SWITCH PANEL IN THE SAME LOCATION AS THE ORIGINAL SWITCH PANEL. WHEN DOING SO, THE POWER CONTROL SWITCH PANEL MAY BE REMOVED FROM THE CONTROL MODULE AND PLACED REMOTELY, IN THE LOCATION OF THE PREVIOUS SWITCH PANEL.

FOLLOW THE INSTRUCTION STARTING ON THE NEXT PAGE AS THEY RELATE TO YOUR APPLICATION.

Power Control Module With Power Control Switch Attached



SECTION ONE

INSTALLATION (KEY SWITCH VERSION)

Step Three: Install the Power Control Module and Power Control Switch (cont.)

MOUNTING OF THE POWER CONTROL MODULE AND THE SWITCH PANEL IN EXISTING LOCATIONS.

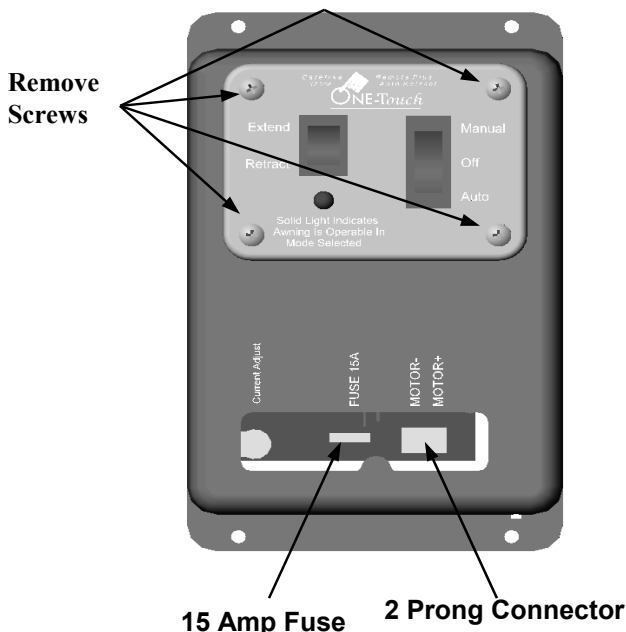
A. Review the wiring diagram on page 10. Determine a suitable location to mount the Power Control Module which allows convenient wiring for the ONE-Touch Awning. **Whenever possible, mount the new Power Control Module in the same location as the one previously removed.** If not possible, then typical locations include: in an overhead cabinet near the entry door, or in a protected exterior compartment.

NOTE: Power control Module must not be mounted in a area surrounded by a metal enclosure.

Warning: Do not mount the Power Control Module and Switch near heat producing elements such as LP appliances or engine exhaust components.

Caution: If the location of the Power Control Module is now different than the one previously removed, minimum wire length and maximum wire size should be selected to assure adequate voltage to the ONE-Touch Awning motor.

B. Once the location of the Power Control Module has been determined, remove the screws attaching the face of the switch plate to the Control Module Box.



Step Three: Install the Power Control Module and Power Control Switch (cont.)

C. Unplug the wire connection going from the switch plate to the control module components. (like a telephone plug)

D. Locate the extension cord with adapter in the hardware pack. Route the extension cord from the location where the previous switch was mounted to the Control Module Box. **The male end of the extension cord will plug into the Control Module while the Adapter (female) end will plug into the back of the Switch Panel.** Conceal the cord behind corner trim molding or inside cabinets. If surface wiring is the only option, obtain After-market concealment raceways to safely route cord.

E. Plug the male end of the extension cord connector into the Control Module where the switch panel was just removed.

F. Confirm that the hole size for the switch panel is now 2-1/4" in diameter. Plug the adapter (female) end of the extension cord into the plug coming out of the back of the Switch Panel.

G. Fasten the Control Module in place vertically using the screws provided.

NOTE: The Control Module should be mounted vertically (not laying down) in order to obtain proper antenna operation.

H. Plug the two prong connector that was previously unplugged from the original control module into the connector of the new control module located in the slot on the face of the control module.

H. Mount the switch panel using the previously removed screws.

I. Connect the unattached end of the red wire coming out of the Control Module to the previously identified **HOT** wire that was that was disconnected in step TWO B on the previous page.

J. Connect the unattached end of the black wire coming out of the Control Module to the previously identified **GROUND** wire that was disconnected in Step TWO B on the previous page.

THIS PORTION OF THE INSTALLATION IS NOW COMPLETE. THE TRANSMITTER MUST NOW BE INSTALLED AND ACTIVATED FOR PROPER OPERATION. REFER TO THE INSTRUCTIONS ON PAGE 6 & 7.

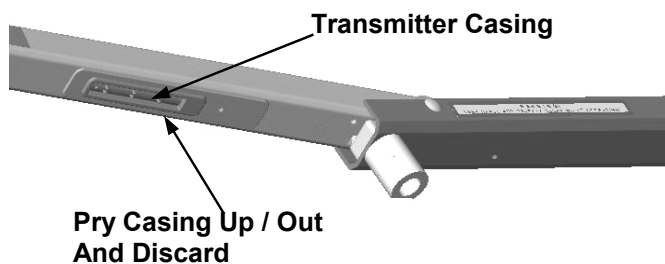
SECTION TWO

INSTALLATION (GOLD VERSION / NO KEY SWITCH)

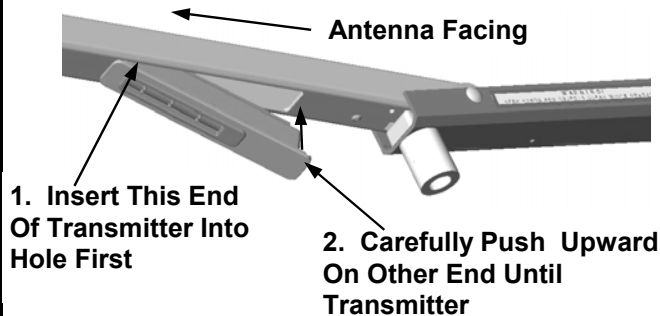
Step One: Installing Transmitter

The Upgrade to the Auto- Retract / Remote Control for the Gold Version of the One-Touch requires that the transmitter be installed in the back rafter. Follow the steps listed below to ensure proper transmitter installation.

- A. Extend awning out completely.
- B. Locate transmitter casing that is installed in the lower portion of the back rafter.



- C. Take a small screwdriver and pry up the existing transmitter casing and discard.
- D. Take a small file and file off any burrs in the square punched hole where the old casing was removed.
- E. Grasp Transmitter and switch from packaging. The transmitter and switch are hooked together with a blue wires. **DO NOT DISCONNECT THESE WIRES.**
- F. Carefully insert the switch assembly and wires up through the square hole of the rafter.
- G. **CAREFULLY** place the transmitter up into the square hole in the rafter, guiding the antenna portion (1/4" wide flat steel piece) through the hole first. The free end of the antenna should be facing outward, away from the coach, toward the roller assembly.

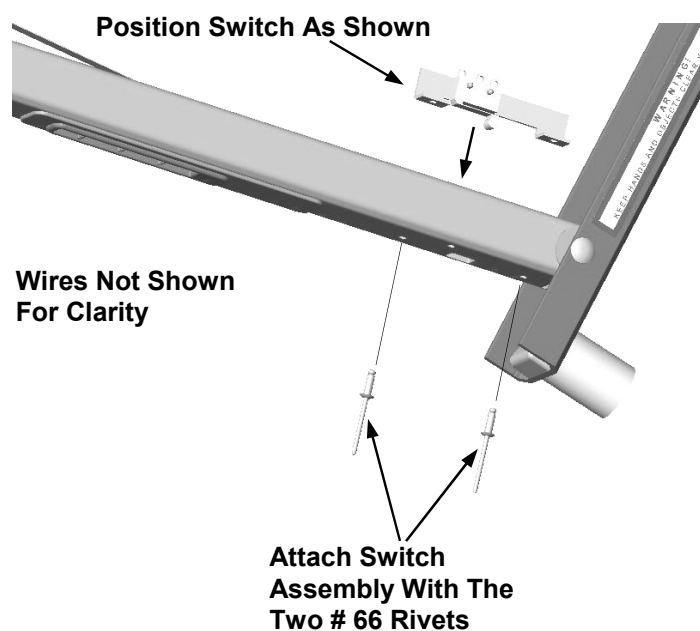


NOTE: ANTENNA, WIRES AND SWITCH NOT SHOWN FOR CLARITY

H. **CAREFULLY** engage the tabs of the transmitter into the rafter. Continue to insert the transmitter into the hole by **CAREFULLY** pushing upward with the other end until the tabs are engaged into the rafter. **CAUTION: SPECIAL CARE MUST BE TAKEN NOT TO BREAK OFF THE TABS ON THE CASE WHEN INSERTING IT INTO THE HOLE.**

I. Once the transmitter is engaged in place into the rafter, retract awning approximately half way.

J. Position the switch assembly as shown below and then move downward, placing the (2) holes over the (2) holes in the rafter. Attach the switch assembly to the rafter with the pop rivet provided.



K. Carefully arrange switch assembly / transmitter wires into the rafter so they are not exposed.

THE INSTALLATION OF THE TRANSMITTER AND SWITCH ASSEMBLY INTO THE RAFTER IS NOW COMPLETE. THE REMOTE & TRANSMITTER MUST NOW BE ACTIVATED FOR PROPER OPERATION. TO ACTIVATE THE TRANSMITTER REFER TO THE INSTRUCTIONS ON PAGE 7.

SECTION THREE ACTIVATING REMOTE AND TRANSMITTER

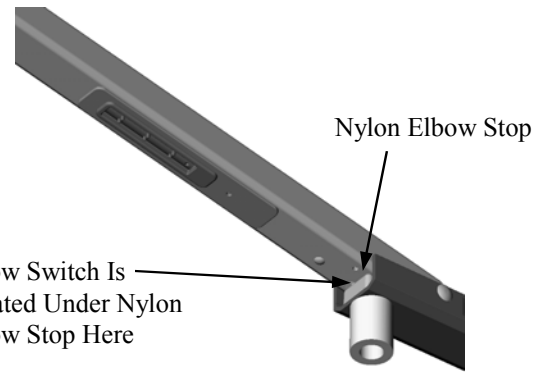
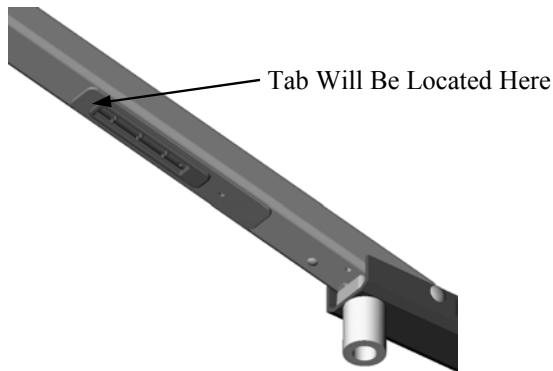
Step One: Activating Remote

A. With the awning partially retracted, put the power switch on the control module in the manual position.

B. Push the “Set Channel” button on the power control module box and hold. You will hear a beep! Then push the middle button on the remote (Key Fob) and hold. You will hear a long low tone then a short high beep!

Step Two: Activating Transmitter

A. With the awning still partially retracted, move to the rear arm. Carefully remove the white tab located on the transmitter installed in the rear rafter. Removing this tab will allow the transmitter battery terminal to make contact. **Take care not to damage or pull out rubber cover when removing tab.**



C. If elbow switch is not fully compressed when awning is in the complete rolled out position, re-adjust the carriages as shown on page 10 of the Regular One-Touch Owners Manual.

D. Right when the awning is fully extended and the rafters have fully locked out, listen (up to 15 seconds) to the control module for a long low tone then a short high tone.

E. Now, place the power switch on the control module in the Auto position. When you do this, watch the LED red light on the control panel. It might blink a couple of times and then it should turn to solid red. If the light turns to a solid red the Auto Retract system is activated.

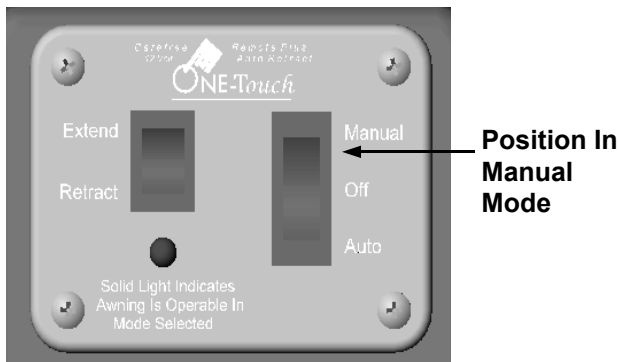
F. If the LED light continues to blink, roll awning back in 3 revolutions and then roll completely out again and wait up to 15 seconds for the long low tone and the short high tone. The transmitter should then be set.

G. Verify the activation by pushing up on the roller assembly, buckling the rear rafter causing the micro switch to trip the auto retract. The awning should start retracting at that point.

Step Two: Setting Transmitter Code

SETTING THE AUTO-RETRACT TRANSMITTER

A. While being positioned close to the power control module with the power switch on the control module in the Manual mode, fully extend the awning until the rafter is completely locked out.



B. Verify that elbow switch is completely compressed between the nylon elbow stop on the upper portion of the rafter and the lower portion of the rafter.

THE INSTALLATION IS NOT COMPLETE. PLEASE MAKE SURE THIS MANUAL IS GIVEN TO THE CUSTOMER TO ENSURE PROPER OPERATION!

SECTION FOUR

OPERATING INSTRUCTIONS

THE ONE-Touch AWNING CAN BE USED IN EITHER A FULL MANUAL MODE OR IN THE AUTO RETRACT MODE. THE MANUAL MODE REQUIRES YOU TO DEPRESS THE SWITCH ON THE SWITCH PANEL OR USE THE REMOTE CONTROL TO EXTEND AND RETRACT AWNING. IF SET IN THE AUTO RETRACT MODE, THE AWNING WILL AUTOMATICALLY RETRACT WHEN THE WIND REACHES A VELOCITY THAT COULD DAMAGE THE AWNING IF LEFT OUT.

Warning: If the awning is partially deployed the awning will not be resistant to wind; partial extension is recommended in calm conditions only. Additionally, Do not extend the awning in gusty wind conditions. If the awning is to be left unattended or used in breezy wind conditions when in the Manual Mode, it is highly recommended that the Wind Braces provided to be positioned between both Rafter assemblies and Arm assemblies.

Note: The RV must be positioned relatively level for the Carefree ONE-Touch awning to operate properly.

Tip: For optimum performance, be sure the battery systems are fully charged or the power converter energized.

How the Power Control Module Works

To prevent damage to the ONE-Touch motor and circuitry, the Power Control Module monitors the current drawn by the motor. If the current draw exceeds the preset factory level, the power control module shuts off the power to the awning momentarily. This will occur if the power switch continues to be operated after the awning is fully retracted or extended. To reduce wear on the awning and it's power system do not continue to operate the power switch after full extension or retraction.

Step One: To Use In Manual Mode

A. TO EXTEND: Place the awning in the Manual Mode by depressing the 3 position rocker switch on the Power Control Switch Panel that is marked "Manual". (figure 19) Operate the power switch in the "EXTEND" mode. Extend the awning until the roller assembly stops turning. At this point the fabric will be slightly slack. Jog the "RETRACT" switch slightly to tighten canopy.

Note: If the awning is only to be partially extended, simply release the momentary rocker switch when the awning is extended to the point desired.

B. To Retract: Position Power Control Switch in the Manual Mode and operate the power switch in the "RETRACT" position until the awning is fully retracted. Place switch panel in the OFF position.

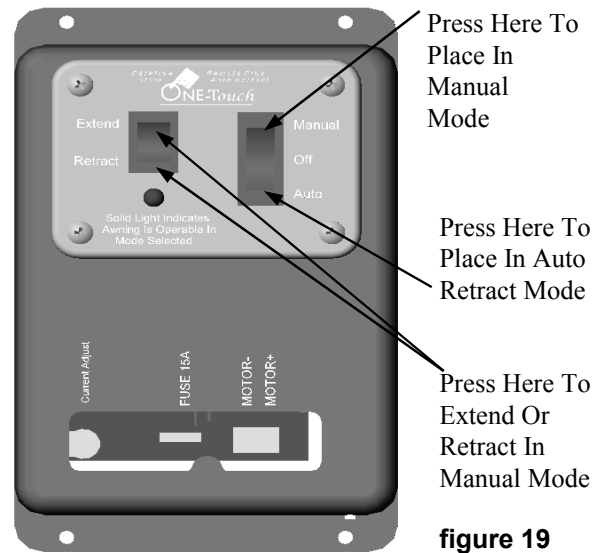


figure 19

Step Two: To Use In Auto Retract Mode

A. TO EXTEND: Depress the 3 position rocker switch on the Power Control Switch Panel that is marked Manual. Operate the power switch in the "EXTEND" mode until the awning is completely extended. Jog the "RETRACT" switch slightly to tighten canopy.

B. Wait approximately 3 seconds and then depress the "AUTO" switch. Within 10 seconds of depressing the "AUTO" switch, the red LED light should be a steady light (not flashing). If the light is steady then the Auto Retract is activated. If the light is flashing then depress the "MANUAL" switch and retract awning 3 revolutions.

Extend again and wait 3 seconds and depress the "AUTO" switch again. The light should turn solid red.

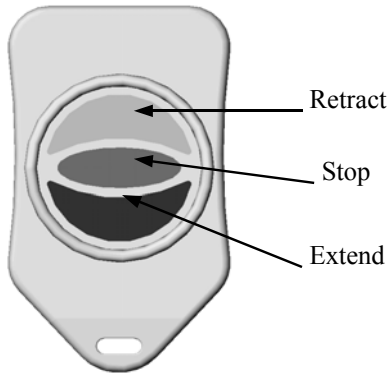
The Auto Retract is now activated and the awning will retract when the wind reaches a velocity that could damage the awning if left out.

WARNING: DO NOT USE THE WIND BRACES WITH THE AWNING IN THE AUTO RETRACT MODE!

C. TO RETRACT: Position Power Control Switch in the Manual Mode and operate the power switch in the "RETRACT" position until the awning is fully retracted. Place switch panel in the OFF position.

Step Three: Using The Remote Control

THE REMOTE CONTROL FOB CONTAINS THREE BUTTONS. TOP BUTTON IS USED FOR "RETRACT", THE BOTTOM BUTTON IS USED FOR "EXTEND" AND THE CENTER BUTTON IS AN EMERGENCY "STOP" BUTTON.



A. TO EXTEND: Place the awning in the Manual Mode by depressing the 3 position rocker switch on the Power Control Switch Panel that is marked "Manual". (figure 19)

Press the bottom button or "**EXTEND**" button on the Remote Control. Hold down the button until the awning reaches full extension. Jog the bottom "**RETRACT**" button slightly to tighten canopy.

B. TO RETRACT: Press the Top "**RETRACT**" button. Hold button down for 2 seconds until the awning starts to retract. Once the awning starts retracting, the remote will automatically "latch" in place. After 2 seconds, once the awning starts to retract, release the button and the awning will continue to retract. **DO NOT CONTINUE TO HOLD DOWN ON THE RETRACT BUTTON ONCE THE AWNING BEGINS TO RETRACT! DOING SO WILL NOT ALLOW THE AWNING TO RETRACT PROPERLY!** If stopping the awning from retracting is desired at any point, press the "**RETRACT**" button again, or press the center "**STOP**" button. Once fully retracted, place switch panel in the **OFF** position.

STOP BUTTON

The center STOP BUTTON can be used to stop the awning at any time during retraction. The STOP BUTTON will stop the awning from retracting in either the MANUAL OR THE AUTO RETRACT MODE.

Emergency Retraction of Awning

If an alternative minimum 12 volt power source is available:

If power from the RV is unavailable for operation, the Carefree ONE-Touch awning can be safely retracted by **disconnecting the power plug (located on the outside of wall of RV) and applying a positive and negative 12-volts to the two terminals located on the bottom side of the motor housing.**

Using the jumper cables provided attach a jumper lead to each of the terminals. Connect other ends of jumper Cables to a minimum 12V source. If the awning does not retract reverse the leads.

Caution: Be careful when retracting the awning in this manner as the awning may move abruptly; it will be necessary to maintain contact with each of the two screw terminals throughout the retraction process.

If no alternative 12 volt power source is available:

If power from the RV is unavailable for operation and no alternative 12 Volt power source is available,

The Carefree ONE-Touch awning can be safely retracted by disconnecting the power plug (located on the outside of wall of RV) and using a reversible electric drill fitted with the straight 9/64" hex key provided to turn the motor or using the L shaped hex key and turning it by hand.

The portion of the motor that can be turned is accessible though an opening at the base of the motor housing.

Caution: Operate the drill in reverse at a low power setting to retract the awning. It will be necessary to turn the motor with the drill throughout the retraction

IMPORTANT INFORMATION ABOUT TRANSMITTER BATTERY!

THE TRANSMITTER CASE CONTAINS A SMALL A 23 BATTERY FOR OPERATION. IF THE BATTERY BEGINS TO GET LOW, THERE WILL A CHIRPING SOUND (SIMILAR TO A SMOKE ALARM) THAT WILL BEGIN TO COME FROM THE CONTROL MODULE. WHEN THE CHIRPING SOUND APPEARS, THE BATTERY SHOULD BE REPLACED.

TO REPLACE THE BATTERY, SIMPLY REMOVE THE RUBBER COVER FROM THE TRANSMITTER CASE, REMOVE AND REPLACE THE BATTERY AND CAREFULLY REPLACE THE RUBBER COVER SO THAT IT HAS A PROPER SEAL.

