



RECORD THIS UNIT INFORMATION FOR FUTURE REFERENCE:	
Model Number	_____
Serial Number	_____
Date Purchased	_____

# REPLACEMENT INSTRUCTIONS POWER PATIO AWNINGS

- Adjustable-Pitch Arm
- Adjustable-Pitch Arm Knob
- Adjustable-Pitch Arm/Water-shed Retrofit

**USA**  
SERVICE OFFICE  
Dometic Corporation  
2320 Industrial Parkway  
Elkhart, IN 46516  
574-294-2511

**CANADA**  
Dometic Corporation  
46 Zatonski, Unit 3  
Brantford, ON N3T 5L8  
CANADA  
519-720-9578

**For Service Center Assistance Call:**  
800-544-4881

## 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.

# SERVICE INSTRUCTIONS

**Models**  
895X0XX

**Important:** These Instructions must stay with unit. Owner read carefully.

## 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. When you see this symbol in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating instructions.

### UNDERSTAND SIGNAL WORDS

A signal word, **WARNING OR CAUTION** is used with the safety-alert symbol. They give the level of risk for potential injury.

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

**CAUTION** indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**CAUTION** used without the safety alert symbol indicates, a potentially hazardous situation which, if not avoided, may result in property damage.

Read and follow all safety information and instructions.

## GENERAL INSTRUCTIONS

These instructions will aid the service person to make repairs quickly and correctly. The repairs must be made by a qualified service person. Read instructions ENTIRELY before attempting to make repairs on the product.

### **WARNING**

**These instructions must be read and understood before installation, adjustment, service or maintenance is performed. This unit must be serviced by a Dometic Service Center or a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.**

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

#### Tools Required:

Flat-Edge Screw Driver  
Ball End Hammer  
3/8" Nut Driver

### A. REPLACEMENT OF ADJUSTABLE-PITCH ARM

1. This section is meant for the replacement of an existing Adjustable-Pitch Arm with a new one. For instructions on adding water-shedding capability to hardware that did not originally come with an Adjustable-Pitch Arm, see the retrofit instructions in Section C.

**Note:** The assistance of a second person will be required to support the weight of the awning during Steps 4 & 5.

#### 2. Open awning fully.

Refer to FIGS. 1&2. Make note and keep track of the spacers located between the Adjustable-Pitch Arm and the Strut End Fitting (qty. 2,) the spacers located between the Adjustable-Pitch Arm and the Back Channel (qty. 2,) and the spacers located between the Adjustable-Pitch Arm and the Front Channel (qty. 2, not shown.) You will need to re-install these spacers before the installation is complete.

3. **Remove the pin that joins the Adjustable-Pitch Arm to the Front Channel (Pin A.)** First pry off the internal-tooth lock washer using the Flat-Edge Screw Driver. Use care to avoid damage to the powder-coat finish of the hardware. Next remove the pin using the Ball-End Hammer. Start by supporting the side of the Front Channel where the flat head of the pin is located, and use gentle, firm taps on the free end of the pin. Collect the pin and two spacers and put aside. Swing the free end of the Adjustable-Pitch Arm

out of the Front Channel and let it hang down inside the Back Channel. The awning will still support its own weight at this point.

4. **Remove the pin that joins the Adjustable-Pitch Arm to the Back Channel (Pin B.) A SECOND PERSON MUST BE READY TO SUPPORT AND CONTROL THE AWNING ROLLER TUBE AT THIS TIME.** Repeat the procedure of Step 3 on the indicated pin, again collecting and putting aside the pin and spacers. To make it easier to remove the pin, relieve the tension due to the strut by gently pushing up on the Top Arm. Remove and discard the old Adjustable-Pitch Arm.
5. **Install the new Adjustable-Pitch Arm.** Attach the new Adjustable-Pitch Arm to the hardware by re-installing both pins. Start with the pin at the Back Channel (Pin B.) then the pin at the Front Channel (Pin A.) Remember that the pin at the Back Channel must pass through the Adjustable-Pitch Arm and the Strut End Fitting.

**IMPORTANT:** The box channel of the Adjustable-Pitch Arm must be connected to the Back Channel, and the open c-channel of the Adjustable-Pitch Arm must be connected to the Front Channel (with the knob on the underside.) Failure to follow these instructions may cause damage to awning components.

6. Reinstall all spacers and secure both pins. Install one new internal-tooth locking washer (included) on each pin. DO NOT REUSE OLD INTERNAL-TOOTH LOCKING WASHERS. Use the 3/8" nut driver to push them over the pins until they bottom out against the Front Channel.
7. Verify that the awning is working properly.

## B. REPLACEMENT OF KNOB/NUT

1. Remove old Knob/Nut. If Knob/Nut is missing, go to Step 2.
2. Install new Knob/Nut.
3. Verify that the awning is working properly.

## C. RETROFITTING A 89510XX MODEL SERIES POWER PATIO AWNING

1. This section is intended for adding water-shedding capability to the 89510XX series hardware, which is not equipped with Adjustable-Pitch Arms.

**NOTE:** Full adjustable-pitch functionality cannot be achieved with the 89510XX series unless the whole right-hand ("RH") side is replaced with an 89520XX series RH side *in addition to* the LH retrofit described in this section.

2. **Open awning fully.** Locate the LH side Bottom Arm (this will be the Bottom Arm that DOES NOT have an electrical cord running through it.) Refer to FIGS. 1&2. The Bottom Arm is the one-piece member located in place of the Adjustable-Pitch Arm in FIG. 1. Make note and keep track of the spacers located between the Adjustable-Pitch Arm and the Strut End Fitting (qty. 2,) the spacers located between the Adjustable-Pitch Arm and the Back Channel (qty. 2,) and the spacers located between the Adjustable-Pitch Arm and the Front Channel (qty. 2, not shown.) You will need to re-install these spacers before the installation is complete.
3. **Remove the pin that joins the Bottom Arm to the Front Channel (Pin A.)** First pry off the internal-tooth lock washer using the Flat-Edge Screw Driver. Use care to avoid damage to the powder-coat finish of the hardware. Next remove the pin using the Ball-End Hammer. Start by supporting the side of the Front Channel where the flat head of the pin is located, and use gentle, firm taps on the free end of the pin. Collect the pin and two spacers and put aside. Swing the free end of the Bottom Arm out of the Front Channel and let it hang down inside the Back Channel. The awning will still support its own weight at this point.
4. **Remove the pin that joins the Bottom Arm to the Back Channel (Pin B.) A SECOND PERSON MUST BE READY TO SUPPORT AND CONTROL THE AWNING ROLLER TUBE AT THIS TIME.** Repeat the procedure of Step on the indicated pin, again collecting and putting aside the pin and spacers. To make it easier to remove the pin, relieve the tension due to the strut by gently pushing up on the Top Arm. Remove and discard the old Bottom Arm.
5. **Install the new Adjustable-Pitch Arm.** Attach the new Adjustable-Pitch Arm to the hardware by re-installing both pins. Start with the pin at the Back Channel (Pin B.) then the pin at the Front Channel (Pin A.) Remember that the pin at the Back Channel must pass through the Adjustable-Pitch Arm and the Strut End Fitting.

**IMPORTANT:** The box channel of the Adjustable-Pitch Arm must be connected to the Back Channel, and the open c-channel of the Adjustable-Pitch Arm must be connected to the Front Channel (with the knob on the underside.) Failure to follow these instructions may cause damage to awning components.

6. **Reinstall all spacers and secure both pins.** Install one new internal-tooth locking washer (included) on each pin. DO NOT REUSE OLD INTERNAL-TOOTH LOCKING WASHERS. Use the 3/8" nut driver to push them over the pins until they bottom out against the Front Channel.
7. Verify that the awning is working properly.

FIG. 1

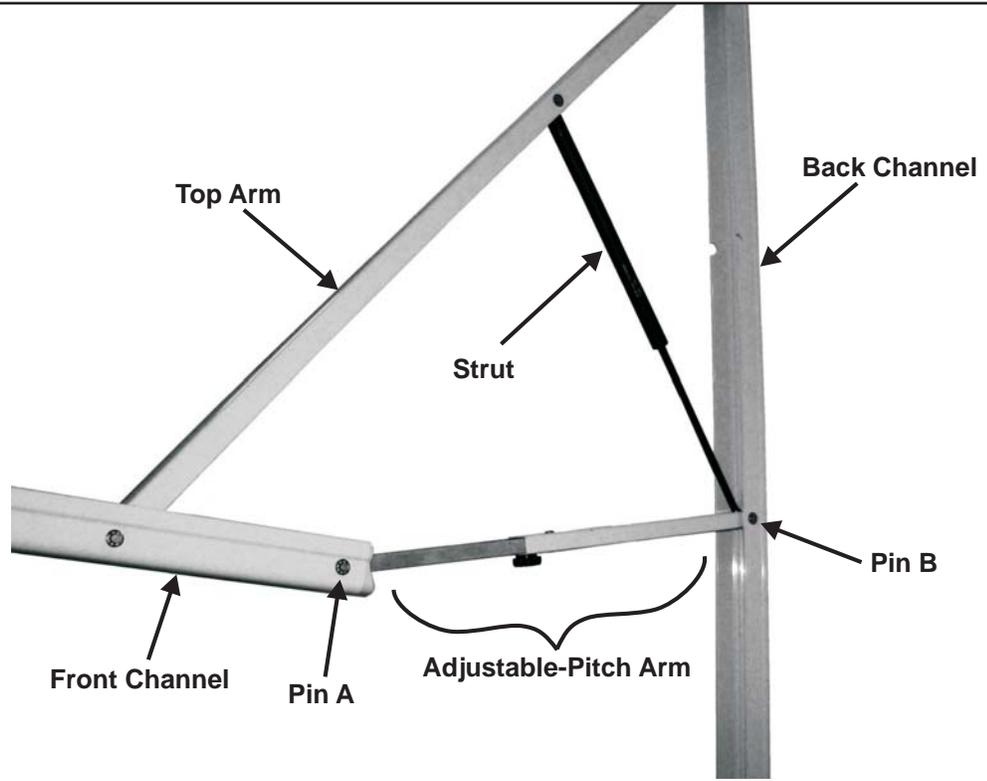


FIG. 2

