

# SPRINGS

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**SPRING WINDS GUIDE**

**SPIRIT, FIESTA, SIMPLICITY & FULLTIMER SPRINGS (2001 AND NEWER)**

Length of Awning	Winds-Closed	Winds-Open	Direction of Winds
Under 7'11"	6	14	LH-Clockwise
8' to 12'	5	13	LH-Clockwise
12.1' to 19'	7	15	RH-Counterclockwise
19.1' to 25'	8	16	

Please Contact Carefree Customer Service For Models 2000 And Older

**WINDOW AWNING - STANDARD & XL MODELS (2000 AND NEWER)**

Length of Awning	Winds-Closed	Winds-Open	Direction of Winds
3' TO 12'	5	8	LH-Clockwise
13' AND UP	17	20	RH-Counterclockwise

**OMEGA & SOK II**

ALL SIZES	17	Add 1 wind per foot of extension	Omega-Counterclockwise SOK II Clockwise
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**SUMMIT**

Lengths of 96" or less	13	Add 1 wind per foot of extension	Counterclockwise
Lengths greater than 96"	20		

**OMEGA II**

(Room Extension)	(Room Width)	(Room Width)	Clockwise
7" TO 15"	Up to 10' = 19	Up to 10' = 20	
	10' and Larger = 21	10' and Larger = 22	
16" TO 23"	Up to 10' = 18	Up to 10' = 20	
	10' and Larger = 20	10' and Larger = 22	
24" TO 31"	Up to 10' = 17	Up to 10' = 20	
	10' and Larger = 19	10' and Larger = 22	
32" TO 40"	Up to 10' = 16	Up to 10' = 19	
	10' and Larger = 18	10' and Larger = 21	
41" TO 48"	Up to 10' = 15	Up to 10' = 19	
	10' and Larger = 17	10' and Larger = 21	

**OVER THE DOOR AWNINGS**

ALL SIZES	17	20	LH-Clockwise RH-Counterclockwise
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**TRUCKIN' AWN**

ALL SIZES	15	18	LH-Clockwise RH-Counterclockwise
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**SUPER SPORT**

7' TO 9' (1-right spring)	14	21	LH-Clockwise RH-Counterclockwise
10' TO 12' (2 springs right & left)	8	15	

**AWNING MATE**

(1 Left Spring)			LH-Clockwise
3' to 3.5'	6	9	
4' to 4.5'	7	10	
5' to 5.5'	8	11	
6' to 6.5'	9	12	

NOTE: CAREFREE DOES NOT PAY WARRANTY LABOR CHARGES FOR ADDING SPRING TENSION.

## OMEGA

HOW TO CHANGE A SPRING ON AN OMEGA:

(Right Spring, part number R00590)

With the slide open, facing the coach, **USING EXTREME CAUTION**, remove the bolt in the lower right arm. This will allow you to remove the arm from the mounting bracket on the face of the slide. *Helpful hint:* Put a piece of tape across the bottom of the arm to keep the arm plug in place.

If there is tension on the spring, unwind the tension using the arm as leverage. You will need to pull the arm out of the roller enough for the arm to clear the room while rotating the arm.

Drill out the two rivets in the roller tube.

Pull the spring, bushing, and arm out of the roller tube.

Detach old spring from arm.

Put the new spring into the roller allowing about 6" of the spring to be exposed. Slide the bushing over the spring into the roller. Attach with rivets. Engage the arm to the spring.

Making sure that the arm will slightly clear the room, turn the arm in the counter clockwise position. Please refer to the spring wind chart for the correct tension. Once completed, slide the spring and arm into the roller tube. **USING EXTREME CAUTION** re-attach the arm to the mounting bracket.

ADDING TENSION ON AN OMEGA:

With the slide open, facing the coach, **USING EXTREME CAUTION**, carefully remove the right arm from the mounting bracket on the face of the slide. *Helpful hint:* Put a piece of tape across the bottom of the arm to keep the arm plug in place.

Making sure that the arm will clear the room, turn the arm in the counterclockwise direction to add tension using the arm as leverage. Please refer to the spring wind chart for the correct tension.

**USING EXTREME CAUTION**, re-attach the arm to the mounting bracket.

### OMEGA II

#### HOW TO CHANGE A SPRING ON AN OMEGA II:

(Left Spring, part number R00731)

Remove the case covering the roller tube.

With the slide open, facing the coach, with extreme caution, remove the bolt in the lower left arm. This will allow you to remove the arm from the mounting bracket on the face of the slide. *Helpful hint:* Put a piece of tape across the bottom of the arm to keep the arm plug in place.

If there is tension on the spring, unwind the tension using the arm as leverage. You will need to pull the arm out of the roller enough for the arm to clear the room while rotating the arm.

Drill out the two rivets in the roller tube.

Pull the spring, bushing, and arm out of the roller tube.

Detach the old spring from arm.

Put the new spring into the roller allowing about 6" of the spring to be exposed. Slide the bushing over the spring into the roller. Attach with rivets. Engage the arm to the spring.

Making sure that the arm will slightly clear the room, turn the arm in the clockwise position. Please refer to the spring wind chart for the correct tension. Once completed, slide the spring and arm completely into the roller tube and re-attach the arm to the mounting bracket.

#### ADDING TENSION ON AN OMEGA II:

Remove the case covering the roller tube.

With the slide open, facing the coach, with **extreme caution**, carefully remove the left arm from the mounting bracket on the face of the slide. *Helpful hint:* Put a piece of tape across the bottom of the arm to keep the arm plug in place.

Making sure that the arm will slightly clear the room, turn the arm in the clockwise position to add tension using the arm as leverage. Please refer to the spring wind chart for the correct tension.

Re-attach the arm to the mounting bracket.

Re-attach the case.

## **SOKII**

HOW TO CHANGE A SPRING ON A SOK II:

(Left Spring, part number R00731)

With the slide open remove the black screws that hold the L bracket onto the main mounting bracket, left side if facing the coach, on the face of the slide.

Attach a vice grip to the L bracket.

**USING EXTREME CAUTION**, carefully slide the L bracket out of the main mounting bracket. If there is tension on the spring, carefully unwind.

Once there is no tension on the spring, drill out the two rivets holding the bushing to the roller tube.

Pull the spring and bushing out of the roller tube.

Detach the spring from the L bracket.

Put the new spring into the roller allowing about 6" of the spring to be exposed. Slide the bushing over the spring into the roller. Attach with rivets. Using the vice grips, turn the L bracket in the clockwise position to add tension. Refer to the spring wind chart for the correct tension.

**USING EXTREME CAUTION**, slide the L bracket into the main bracket. Attach with the black screws that were taken out earlier.

ADDING TENSION TO THE SOK II:

With the slide open remove the black screws that hold the L bracket onto the main mounting bracket, left side if facing the coach, on the face of the slide.

Attach a vice grip to the L bracket.

**USING EXTREME CAUTION**, carefully slide the L bracket out of the main mounting bracket.

Using the vice grips as leverage, turn the L bracket in the clockwise position to add tension. Please refer to the spring wind chart for the correct tension.

**USING EXTREME CAUTION**, carefully slide the L bracket into the main bracket. Attach with the black screws that were taken out earlier.

### SUMMIT

#### HOW TO CHANGE A SPRING ON A SUMMIT:

(Right Spring, part number R00165)

Remove cover (only on some models).

Remove the allen head screw in the left end cap that secures the roller tube. Remove the roller tube from the deflector assembly, and slide the fabric out of the roller tube (leave the fabric in the awning rail, no need to remove). The roller tube must slide to the right of the canopy.

Drill out the rivets on the right side of the roller tube that retain the bushing. Pull the spring and bushing out of the roller tube.

Insert new spring and bushing into the roller tube. Install the rivets to secure the bushing.

Install the roller tube back into the deflector assembly, and screw it back onto the left end cap (no canopy attached).

Turn the roller tube towards the coach to add tension (over the top). Each revolution is one wind on the spring. Refer to the spring wind chart for the correct tension.

Once the tensioning is complete, insert a cotter pin to hold the tension.

Close the slide room if not already closed. Remove the roller tube from the assembly as in the second step, and slide the fabric on to the roller tube. Roll up the fabric onto the roller tube.

Put the roller tube and fabric back into the assembly, and secure the left end with the allen head screw.

Remove the cotter pin.

Re-install the cover if removed earlier.

#### ADDING TENSION ON A SUMMIT:

Remove the front cover.

Remove the lever retainer and disengage the ratchet catch lever. This is if you have this application. Newer applications have a lever in the end cap that engages the cog on the spring.

Grasp the roller tube assembly and twist toward the coach. This will produce slack in the fabric. One revolution of the roller tube is equal to one wind of the spring.

After rotating the roller tube, insert a cotter pin through the roller tube and spring on the right end. It may be necessary to twist the roller tube back and forth to align the holes.

Rotate the roller tube back away from the coach and roll up the fabric until taut.

Ensure that the ratchet catch lever is pushed in and engages a cog. Install the lever retainer. This is if you have this application. Newer applications have a lever in the end cap that engages the cog on the spring.

Remove the cotter pin.

## **PATIO AWNING**

HOW TO CHANGE A SPRING ON A PATIO AWNING:

(Left Spring, part number R00923xxx 8-18'; R00924xxx 19-25')

(Right Spring, part number R00925xxx 8-18'; R00926xxx 19-25')

Remove the two screws holding the end cap onto the roller tube.

Remove the screw holding the arm plug onto the top of the arm.

Carefully remove the spring.

Insert the new spring into the roller tube and attach with two screws.

Attaching a vice grip to the arm plug, turn the plug in the clockwise position for the rear spring and the counter-clockwise position for the front spring. *Important:* If you are adding tension on the front spring, the brake lever will need to be in the open position. Please refer to the spring wind chart for the correct tension.

**USING EXTREME CAUTION**, re-attach the arm plug to the arm.

ADDING TENSION ON A PATIO AWNING:

Remove the screw holding the arm plug to the top of the arm.

Attach a vice grip to the arm plug and carefully lift it off of the arm.

Turn the plug in the clockwise position for the left spring and counter-clockwise for the front spring. *Important:* If you are adding tension on the front spring, the brake lever will need to be in the open position. Please refer to the spring wind chart for the correct tension.

**USING EXTREME CAUTION**, re-attach the arm plug to the arm.

### **WINDOW AWNING**

HOW TO CHANGE A SPRING ON A WINDOW AWNING:

(Left and right springs. Depends on size, color of end caps and if it is an alumaguard application or vinyl application. Please refer to the window awning parts explosion for part numbers)

Remove the rivets holding the end cap onto the roller tube.

Remove the screw holding the arm plug onto the top of the arm.

Carefully remove the spring.

Insert the new spring into the roller tube and attach with rivets.

Attaching a vice grip to the arm plug, turn the plug in the clockwise position for the rear spring and the counter-clockwise position for the front spring. Please refer to the spring wind chart for the correct tension.

**USING EXTREME CAUTION**, re-attach the arm plug to the arm.

ADDING TENSION ON A WINDOW AWNING:

Remove the screw holding the arm plug to the top of the arm.

Attach a vice grip to the arm plug and carefully lift it off of the arm.

Turn the plug in the clockwise position for the left spring and counter-clockwise for the front spring.

**USING EXTREME CAUTION**, re-attach the arm plug to the arm.