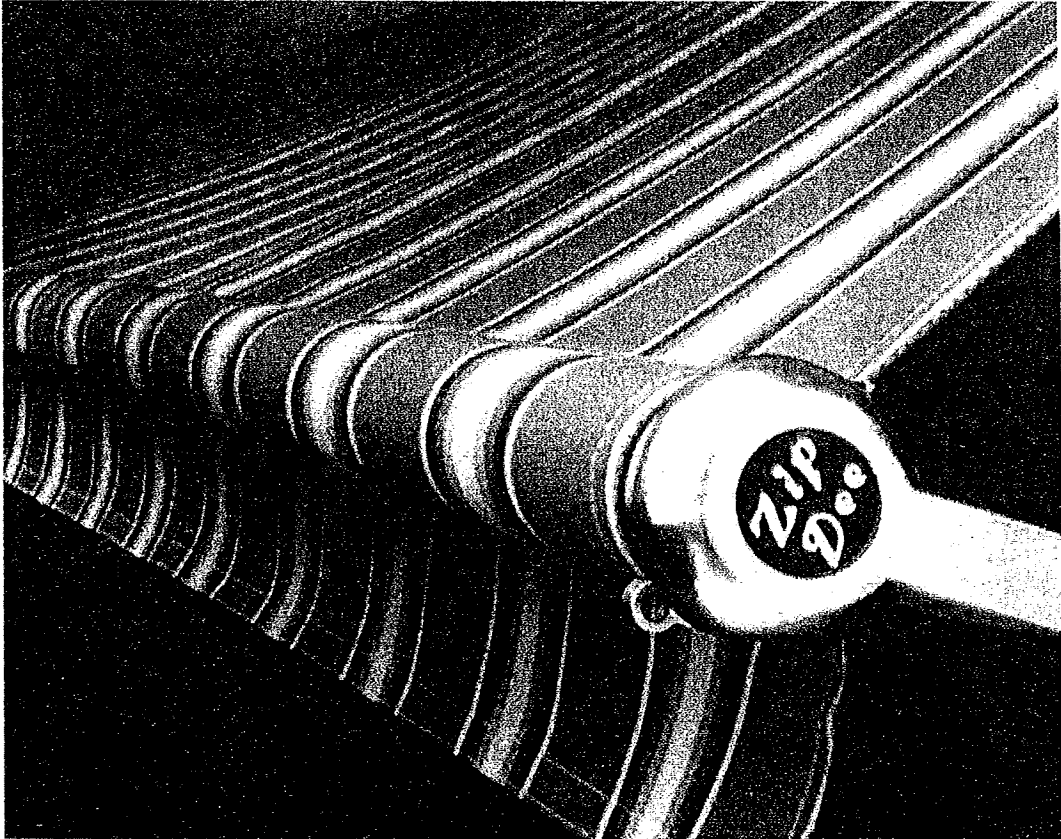


OWNER'S MANUAL



96 Crossen Avenue
Elk Grove Village, IL
60007 - 1662

(847) 437-0980
800-338-BEST

www.ZipDeeinc.com

Important!

**This is your
official warranty.**

**It must be filled out
& returned to validate
warranty. —————→**

HARDWARE SERIAL NO. _____

HARDWARE CODE NO. _____

Zip Dee awnings and accessories are covered by one or more of the following patents:

#4,195,877	#4,262,955	#4,345,793	#5,061,011
#4,576,192	#4,607,654	#4,634,172	#4,602,890
#5,160,105	#5,163,460		



R V Awnings and Accessories

Don't settle for anything less

Providing the highest quality for over 35 years.

Congratulations on selecting the finest awning available for your vehicle! You can be proud of your awning because it is the end result of over 30 years of uncompromising quality and workmanship . . . an investment that will give you years of enjoyment.

Because we believe in offering our customers only the finest products, many original Zip Dee owners have become friends over the years. We hope that thirty years from now, you will still be a proud Zip Dee owner, and that we have also earned your friendship.

To get the fullest enjoyment from your Zip Dee awning, please read these few pages of hints and instructions. You'll learn how to operate your awning with ease, and how to keep it looking great for many, many years. You have the best and you want to keep it looking and operating that way.

Happy traveling . . . now that you've put a Zip Dee in your life.

Sincerely,

A handwritten signature in cursive script that reads 'James G. Webb'.

James G. Webb
President

FABRIC CARE . . .

The beautiful fabric of your Zip Dee awning is made of acrylic fibers which cannot rot or mildew. Your awning can be rolled up wet, if necessary, but be sure to open it up to dry as soon as possible.

The acrylic fabric of your awning is a synthetic and cannot support mildew or other plant growth. However, mildew can find a home on any pollen, grain dust, plant spores, or other airborne plant material that can accumulate on the awning. If mildew forms on any of these elements, it can leave a stain which can be unsightly and difficult to remove, even though it will not weaken the fabric itself. To minimize the chance of a stain, keep your awning as clean and dry as possible by hosing it down frequently between seasonal washing.

Any fabric can be punctured or torn by sharp edges that scrape or rub against it. In installations where this contact occurs, be sure to install the Zip Dee door roller at the top outer corner of the door to prevent awning damage. The rollers are inexpensive and will not be noticed on the door.

WASHING . . .

On a monthly basis, loosen hardened dirt and dust with a dry, medium bristle brush, then thoroughly rinse both top and bottom with a hose. For a thorough cleaning, use Zip Dee WashOut Acrylic Awning Cleaner.

Wash both sides of the awning with the solution while scrubbing with a brush. Saturate the fabric and leave the solution on for 15-20 minutes. (Keep the fabric saturated by reapplying solution as needed.) Rinse thoroughly. Repeat, if necessary, until most of the stain disappears.

CAUTION: Never use a strong detergent or stain remover such as 409 or Fantastic on your awning. These can destroy the water repellency of the fabric.

WATER LEAKS . . .

If leaking occurs after washing, it is usually the result of insufficient rinsing. If water drips through the needle holes in the stitching, you can use a commercial seam sealer available in canvas and trailer supply stores. You may also apply paraffin wax to the top of the seams. However, as the awning “weathers,” these holes will normally seal themselves.

It is normal for slight leakage to occur through the fabric where water is allowed to accumulate or “pocket” on the fabric. See “Storm Precautions” for information on awning settings for proper water drainage. Sometimes soap or chemical residue, such as from active agents in insect fogs or sprays, can “wet” the fabric so that it appears unable to repel water. Rinse the fabric thoroughly and test for water repellency after it dries. If leakage continues after repeating the washing and thorough rinsing, please contact Zip Dee concerning further maintenance.

STORM PRECAUTIONS . . .

Because there is **no warranty for damage caused by acts of God**, steps should be taken to prevent damage from occurring due to wind, rain or storm.

If you are leaving or retiring for the night, close the awning. This takes only a few seconds (less time than closing your windows) and gives you the best protection. If for some reason you can't close the awning, **lower both ends** of it as far as you can without removing the rafter arms. This will create a sufficient slope for water run-off. If you are remaining with the awning, you may lower one end only sufficiently to divert water.

Water weighs nine pounds per gallon and your awning was not made to hold the 500 to 700 pounds that could accumulate. Since it only takes a few minutes to be completely safe, don't subject your awning and your coach to needless strain.

HARDWARE AND MECHANISM MAINTENANCE . . .

Although your Zip Dee awning requires less maintenance than any other awning, a little care (about the same amount that you give to your coach) will keep the metal parts in top shape. The rafter arm assemblies, main arm tubes, and the awning case are anodized aluminum; the castings are high-strength aluminum alloys. To keep these parts new looking they should be cleaned once a year with a good quality non-abrasive chrome or aluminum polish.

The main arm bar and all fasteners and stress bearing shafts are stainless steel. These need only be cleaned occasionally to remove accumulated grime that might hinder their operation.

At the end of each season:

- Tighten any loose bolts or screws (Replace missing parts only with factory authorized replacements).
- Clean accessible hardware with non-abrasive cleaner.
- Use a silicone lubricant only on the ½" round shafts that protrude from each end of the roller.
- Extend all telescoping arms as far as possible to wipe off accumulated sand and dirt that can clog and scratch the protective aluminum finish. No lubrication is required on those parts.

REPLACEMENT PARTS . . .

Use only genuine Zip Dee replacement parts when repairs are needed. Use of substitutes may damage your awning or void your warranty. Parts may be ordered through your local Zip Dee dealer. If you need help, we are as close as your telephone or post office. Use the number and description found on the parts list in this booklet when ordering parts and be sure to include the make, model and year of your vehicle. Warranty claims must include the damaged part. If you cannot remove the damaged part without a replacement, you must purchase the part at full price and receive a refund (if the warranty* applies) when we get the damaged part back. **Take a moment to copy your hardware serial number and hardware code number from your front main arm tube into the cover of this manual.**

All parts are sent COD unless your charge card number or check accompanies your order.

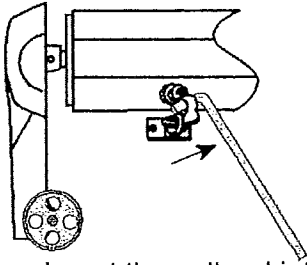
** Your warranty has limitations, so please read it carefully. Since warranty claims are honored only for registered original owners, **mail your registration card today.***

. . . ENJOY YOUR ZIP DEE

CURVED (CONTOUR) AWNING OPERATION

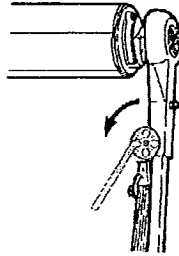
TO OPEN THE AWNING

Step 1 OPEN TRAVEL LATCH



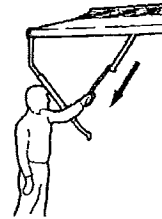
Insert the pull rod into the travel latch loop and rotate open

Step 2 RELEASE WHEEL CLAMP



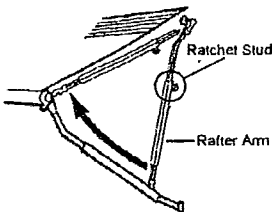
Turn the clamp wheel counter clockwise and swing the assembly toward the center to free the hardware

Step 3 UNROLL FABRIC



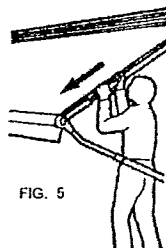
Insert the pull rod into the loop of the center strap and unroll the awning by pulling it toward you. Step under the awning and fold the center strap and tuck into fabric loop.

Step 4 EXTEND RAFTER ARM



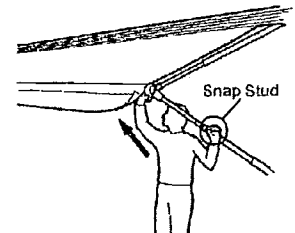
Standing under the awning, release the rafter arm by pulling outward on the cap of the ratchet stud located on the upper portion of the arm. Extend the arm and place the claw over the shaft of the roller.

Step 5 LOCK RAFTER ARM



Set the spring tension of the rafter arm by grasping the lower arm and pushing firmly down in the direction of the arrow as shown, until the ratchet stud engages to lock the arm open. (Listen for click)

Step 6 RAISE ROLLER



Raise the awning to the desired height by releasing the snap stud on the main arm and pushing up and outward on the roller assembly.

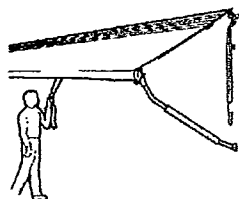
REPEAT STEPS 3 - 6 FOR THE OTHER END OF THE AWNING.

PARTIAL EXTENSION OR "CARAVAN" POSITION

Step 1
UNLOCK AWNING

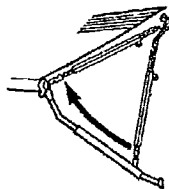
Follow Steps 1 and 2 on previous page.

Step 2
PARTIALLY UNROLL FABRIC



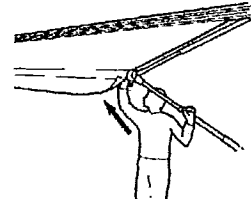
insert the pull rod in the loop of the center control strap and unroll the awning to the desired extension.

Step 3
PLACE RAFTER ARM



To prevent billowing, lift (do not extend) the rafter arm and hook the claw over the roller shaft. This will require that the awning be extended approximately four and one half feet.

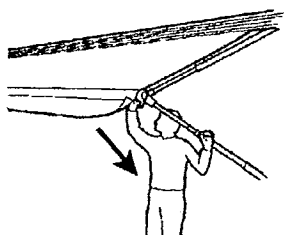
Step 4
RAISE ROLLER



Raise the awning to the desired height by releasing the snap stud on the main arm and pushing up and outward on the roller assembly

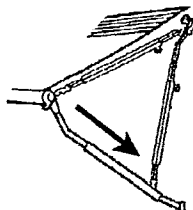
TO CLOSE THE AWNING

Step 1
LOWER ROLLER



Release the snap stud of the main arm and lower the awning to its lowest position.

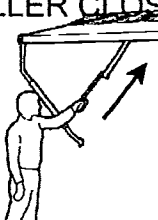
Step 2
RELEASE AND STORE RAFTER ARM



Release the ratchet stud on the rafter arm by pulling outward on the cap. Lift the claw from the roller shaft and place it on the height adjustment stud located on the inside of the main arm.

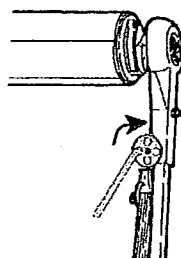
Repeat Steps 1 and 2 for the other end of the awning

Step 3
ROLLER CLOSED



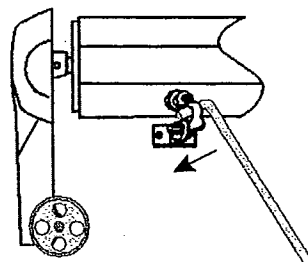
Face the awning and hold the end of the center strap then push the roller up briskly with a rolling motion until you feel the spring take over. Control the speed by holding the center strap until all but 6 inches of the fabric has been rolled up. Release the strap and let the awning roll freely the rest of the way.

Step 4
LOCK WHEEL CLAMP



Swing the clamp wheel assembly toward the hardware and fit into place. Then turn the clamp wheel clockwise to tighten.

Step 5
LOCK TRAVEL LATCH

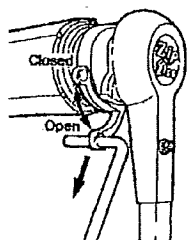


Insert the pull rod into the travel latch loop and twist shut.

UNIVERSAL AWNING OPERATION

TO OPEN THE AWNING

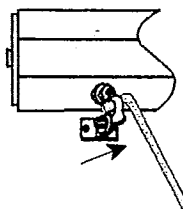
Step 1 UNLOCK Z-LOCK



Insert the pull rod into the Z-Lock lever and pull down.

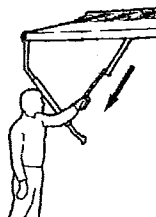
WARNING: LEAVE Z-LOCK OPEN WHEN AWNING IS OPEN TO AVOID DAMAGE

Step 2 UNLOCK TRAVEL LATCH



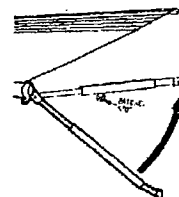
Insert the pull rod into the travel latch loop and rotate open

Step 3 UNROLL FABRIC



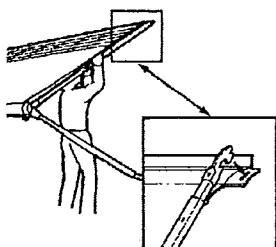
Insert the pull rod into the loop of the center strap and unroll the awning by pulling it toward you. Step under the awning and fold or roll the center strap and tuck into fabric loop.

Step 4 RELEASE AND EXTEND RAFTER



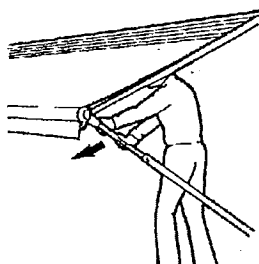
Standing under the awning, release the Rafter arm by pulling outward on the cap of the ratchet stud. Raise the arm upward toward the case.

Step 5 SET CLAW IN PLACE



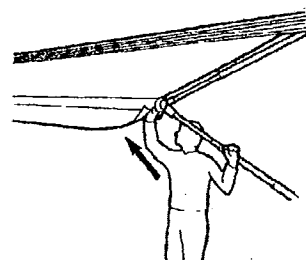
Extend the arm and set the claw shaped end into the slot of the rafter lock.

Step 6 LOCK RAFTER EXTENDED



Lock the rafter arm in position by pressing down on the steel main arm bar until the ratchet stud clicks. At this point the fabric will be taut.

Step 7 RAISE ROLLER



Raise the awning to the desired height by releasing the snap stud on the main arm and pushing up and outward on the roller assembly

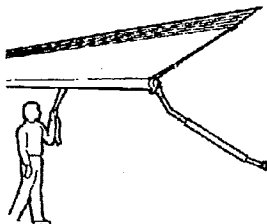
REPEAT STEPS 3 - 6 FOR THE OTHER END OF THE AWNING.

PARTIAL EXTENSION OR "CARAVAN" POSITION

Step 1

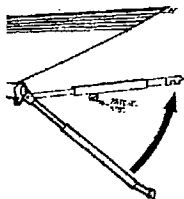
Follow Step 1
on previous
page.

Step 2
PARTIALLY
UNROLL FABRIC



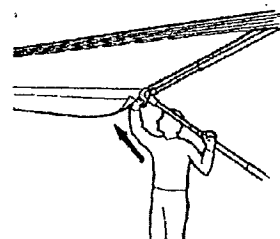
Insert the pull rod in the loop of the center control strap and unroll the awning to the desired extension.

Step 3
LIFT & PLACE
RAFTER ARM



To prevent billowing, release and raise the rafter arm and hook the claw of the arm into the slot of the rafter lock. This will require that the awning be extended approximately four and one half feet.

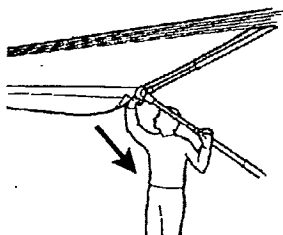
Step 4
RAISE ROLLER



Raise the awning to the desired height by releasing the snap stud on the main arm and pushing up and outward on the roller assembly.

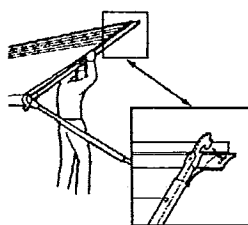
TO CLOSE THE AWNING

Step 1
LOWER ROLLER



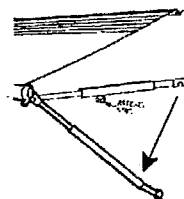
Release the snap stud of the main arm and lower the awning to its lowest position.

Step 2
RELEASE RAFTER



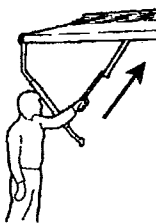
Release the ratchet stud on the rafter arm by pulling outward on the cap. Lift the claw out of the rafter hook. (Pull **back**, then **up**)

Step 3
STORE RAFTER & LOCK



Place the claw casting on the protruding height adjustment stud. To lock the assembly in a travel position, push the other tube downward until the ratchet stud snaps closed.

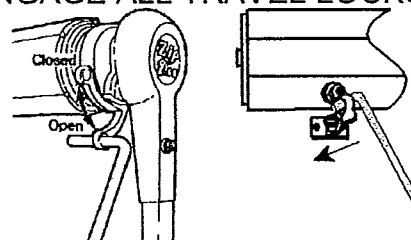
Step 4
ROLLER CLOSED



Repeat Steps 1
through 3 for the
other end of the
awning

Face the awning and hold the end of the center strap firmly in one hand then push the roller up briskly with a rolling motion until you feel the spring take over. Control the speed by holding the center strap until all but 6 inches of the fabric has been rolled up. Release the strap and let the awning roll freely the rest of the way.

Step 5
ENGAGE ALL TRAVEL LOCKS



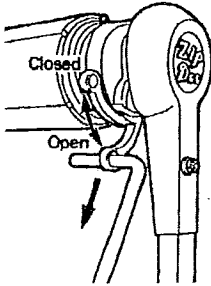
Lock the awning in place by flipping the Z-Lock lever into the "closed" position using the pull rod.

Insert pull rod into travel latch loop and twist shut.

NX AWNING OPERATION

TO OPEN THE AWNING (After Step 3, complete steps 4-6 at each end of awning)

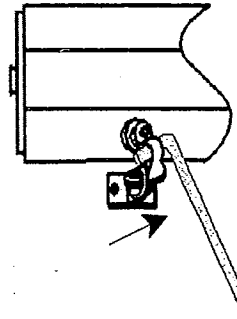
1. UNLOCK Z-LOCK



Insert the pull rod into the Z-Lock lever and pull down.

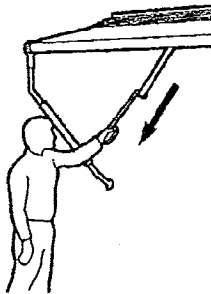
WARNING: LEAVE Z-LOCK OPEN WHEN AWNING IS OPEN TO AVOID DAMAGE

2. UNLOCK TRAVEL LATCH



Insert the pull rod into the travel latch loop and rotate open.

3. UNROLL FABRIC



Insert the pull rod into the loop of the strap and pull the awning all the way out. Step under the awning and fold or roll the strap and tuck it into the fabric storage loop.

4. EXTEND RAFTER

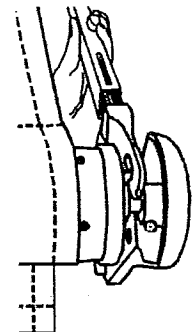
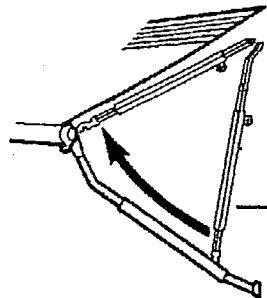
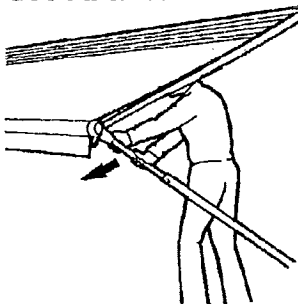


Fig. 4a

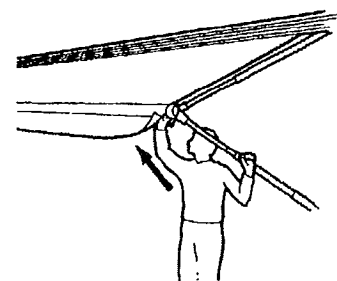
Standing under the awning, lift the Rafter Arm off the storage stud, extend and place the "claw" casting over the shaft of the roller (fig. 4a).

5. LOCK RAFTER



Lock the rafter arm in position by pressing down on the steel main arm bar until the ratchet stud clicks. At this point the fabric will be taut.

6. RAISE ROLLER

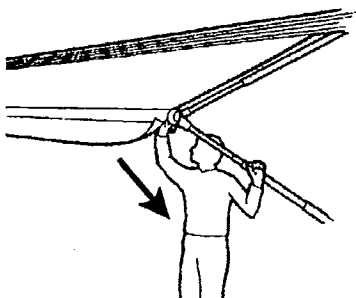


Raise the awning to the desired height by releasing the snap stud on the main arm and pushing up and outward on the roller assembly.

TO CLOSE THE AWNING

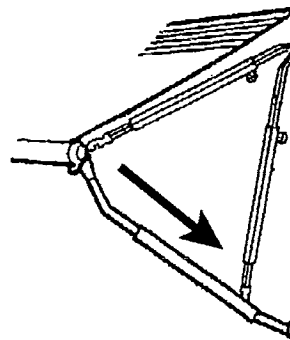
(Perform steps 1 & 2 at each end, then Step 3)

1. LOWER ROLLER



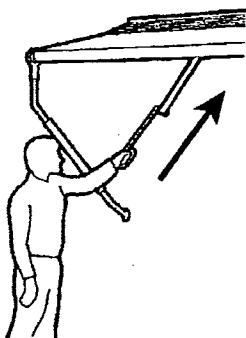
Release the snap stud of the main arm and lower the awning to its lowest position.

2. STORE RAFTER ARM



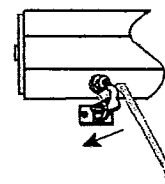
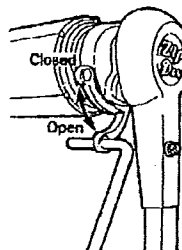
Release the ratchet stud (pull outward on the cap). Lift the claw from the roller shaft and place it on the stud located on the inside of the main arm.

3. ROLL CLOSED



Hold the end of the strap then push the roller up briskly until you feel the spring take over. Control the speed with the strap. Spiral diagonally to prevent buildup. When the roller reaches the cover, release the strap and let the awning roll freely the rest of the way.

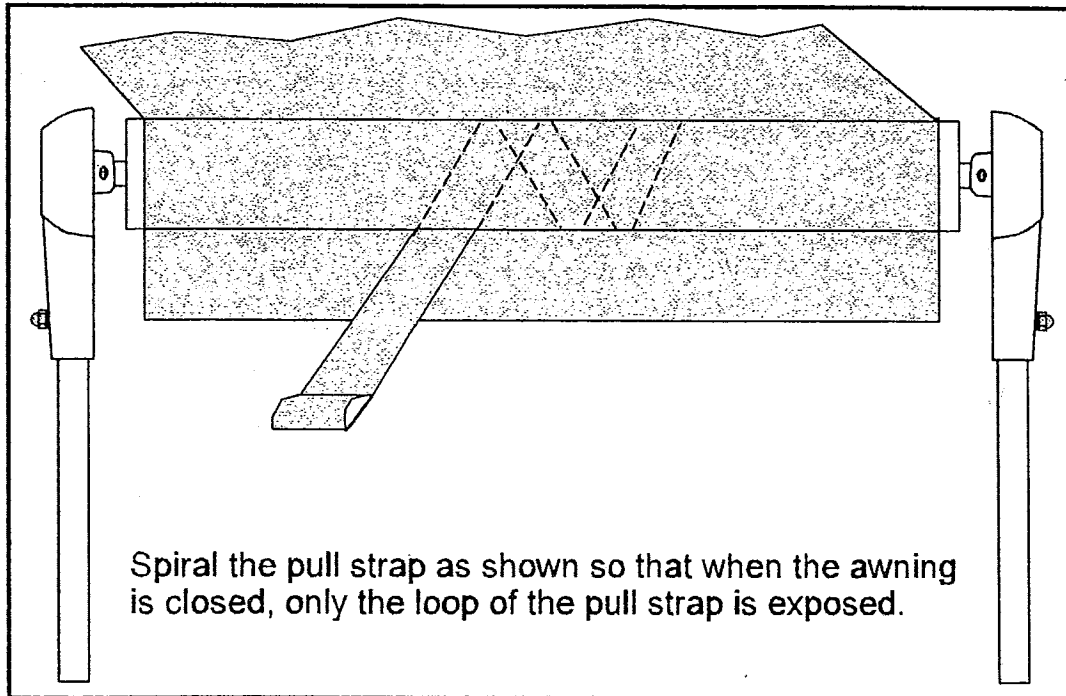
4. ENGAGE ALL TRAVEL LOCKS



Lock the awning in place by flipping the Z-Lock lever into the "closed" position using the pull rod.

Insert pull rod into travel latch loop and twist

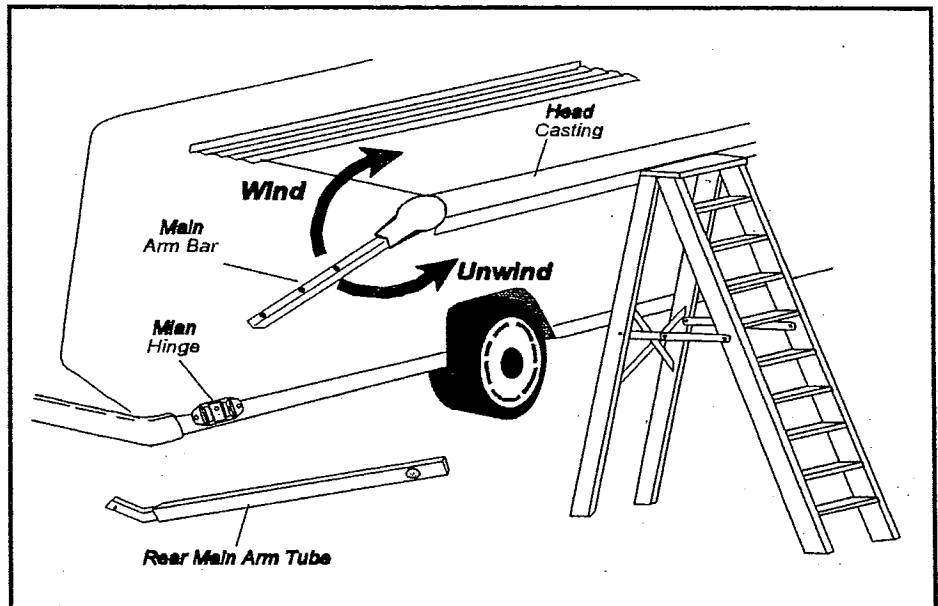
SPIRAL AWNING PULL STRAP



HOW TO ADJUST SPRING TENSION

There is only one spring, located at the rear end of the awning. The winding procedure uses the main arm bar as a lever, since the spring is connected to the bar through the roller shaft and head casting.

- A. Open the Z-Lock lever/levers carefully and allow the awning to open.
- B. Support awning roller with ladder or with help of assistant.
- C. Disconnect rear main arm from main hinge. Pull outward on snap stud and slide tube portion off from bar (to shorten arm for winding).



- D. Stand at rear of awning facing front of vehicle and grasp main arm bar. Adjust the spring winding clockwise to increase tension or counter-clockwise to decrease tension so that the open awning will not start to roll up until given a rolling start by hand of about 12 inches. This will eliminate the need to lock the awning open.

WARNING: The spring is under tension. Do not disconnect the bar from the head casting. The weight of the bar is enough to counterbalance the spring tension. Use of any other winding device could be dangerous if not controlled, resulting in personal injury or property damage.

- E. After winding, slip the main arm tube back onto the bar and reconnect it to the main hinge on the vehicle and test the tension (see note on page 9).
Leave Z-Lock lever (**both ends**) OPEN when awning is open to avoid damage.

RAFTER ARM OPERATION

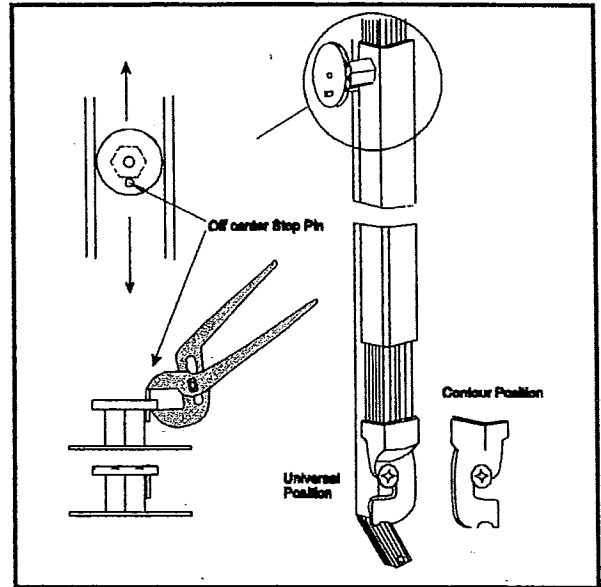
For proper rafter arm operation the ratchet stud must be correctly installed.

The ratchet stud screws into the tube using a 7/16" wrench and the flat side of the stud should face the end of the rafter tube.

The off center pin can be pushed up or down using pliers to the cap (and the pin that's attached to it) can be repositioned.

NOTE:

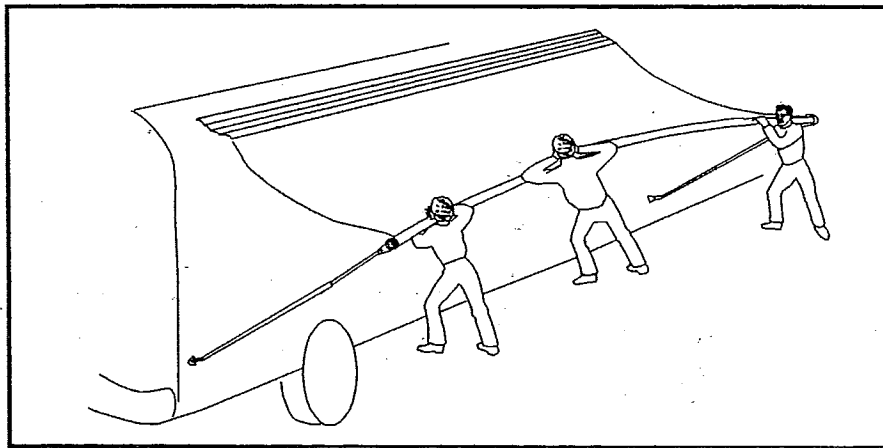
The claw opening should face away from the coach on Universal Style hardware and TOWARDS the coach on Contour style hardware.



On contour hardware the ratchet stud should release easily from the counter sunk stop hole at the top of bar when opening awning.

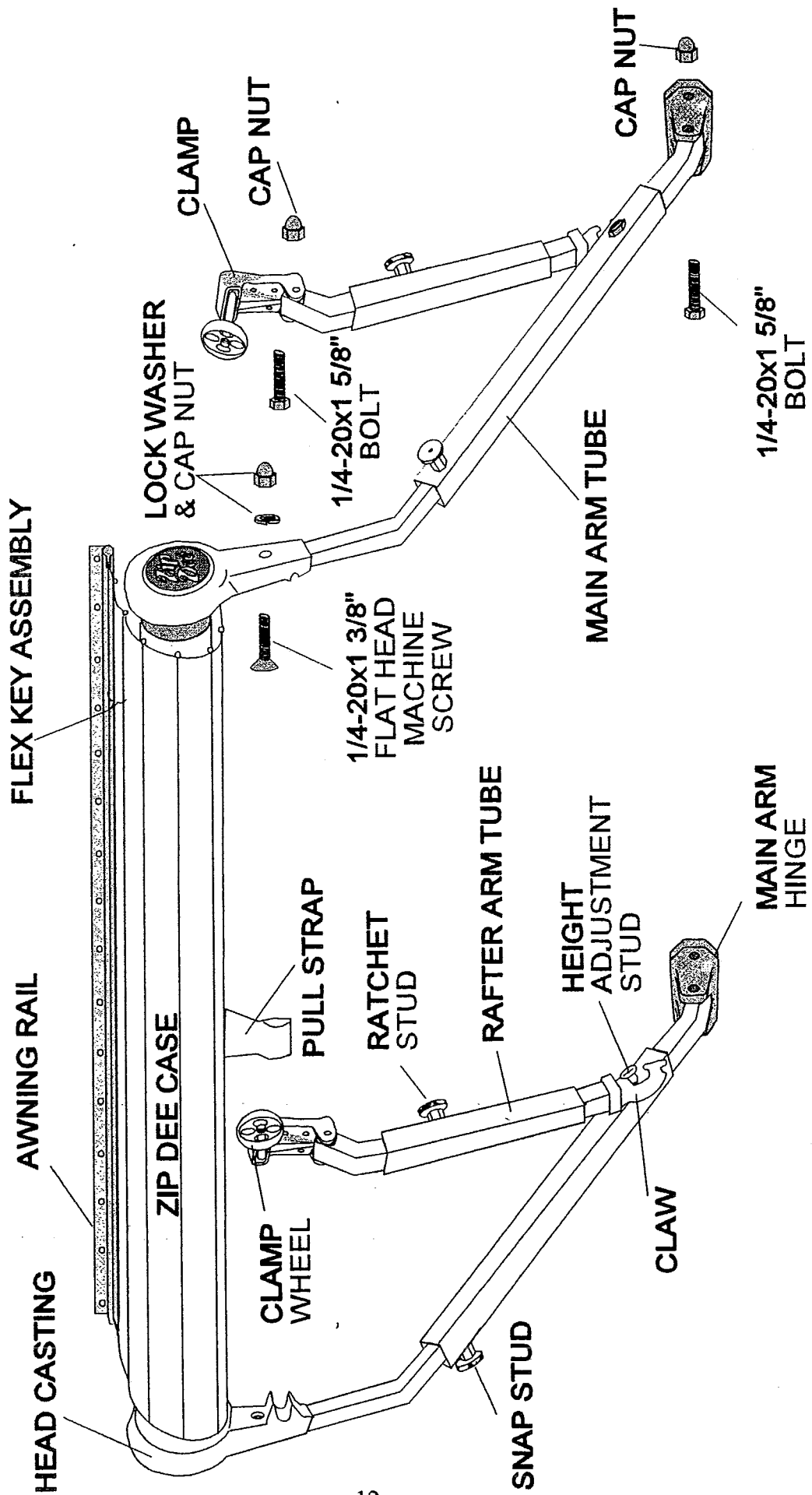
HOW TO REPAIR A BOWED ROLLER*

*** NOTE:** This can only be done if there is no crimp or kink in the 3" tube. If the tube is crimped, it is necessary to replace the tube.

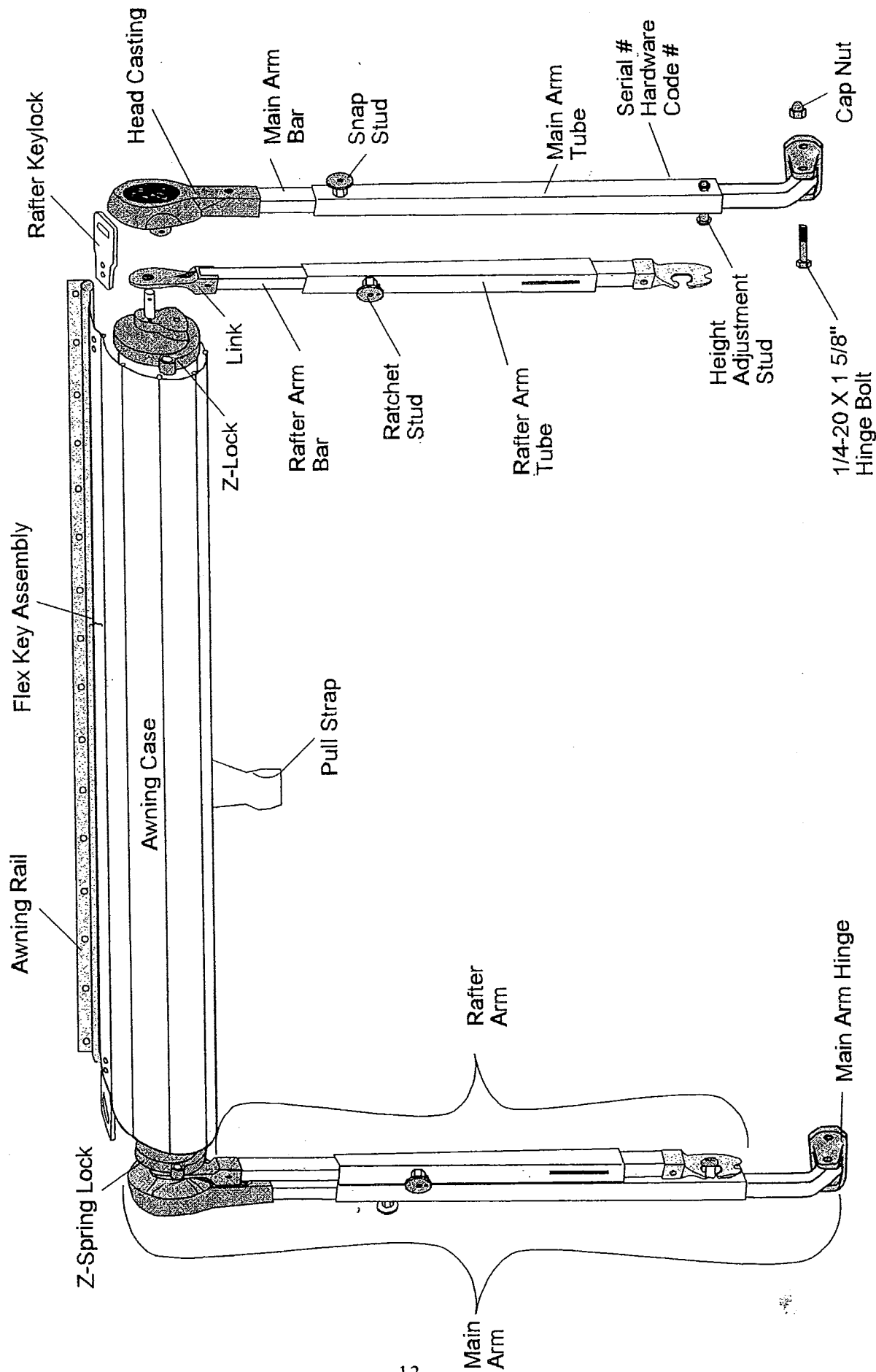


1. Unroll the awning.
2. The awning should be supported and held at both ends on the shoulders of two (2) individuals, see above figure. Also, the awning should be walked in toward the coach approximately one (1) foot, to provide slack in the fabric, see above figure.
3. Place the bow of the roller facing up.
4. A third person should hang on the tube at the center point of the bow. Doing this gradually will remove the bow.
5. To check for straightness, roll the awning up. If a wobble is present, further straightening is required.

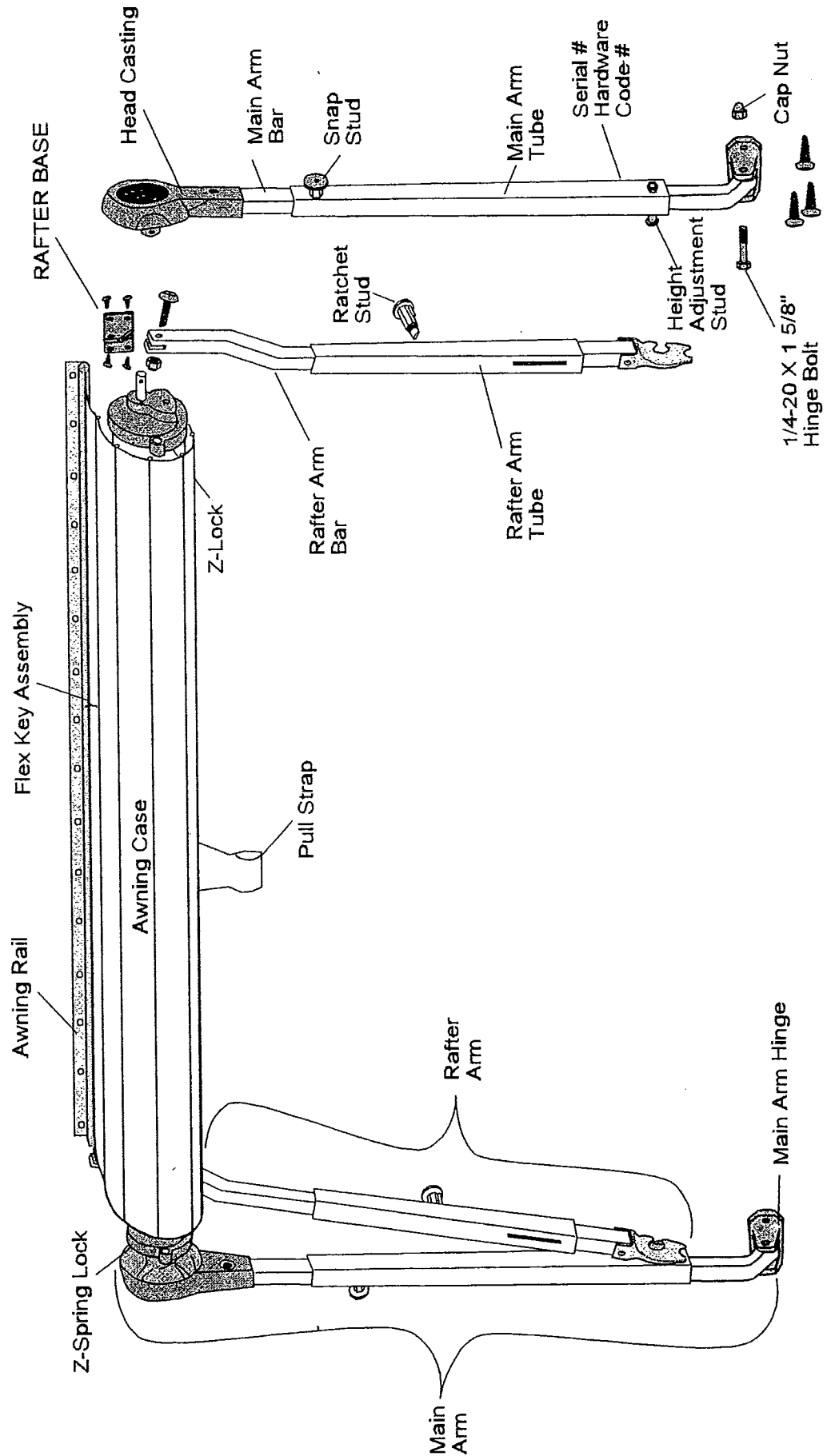
CONTOUR PATIO AWNING



UNIVERSAL STRAIGHT SIDE PATIO AWNING HARDWARE



NX PATIO AWNING HARDWARE



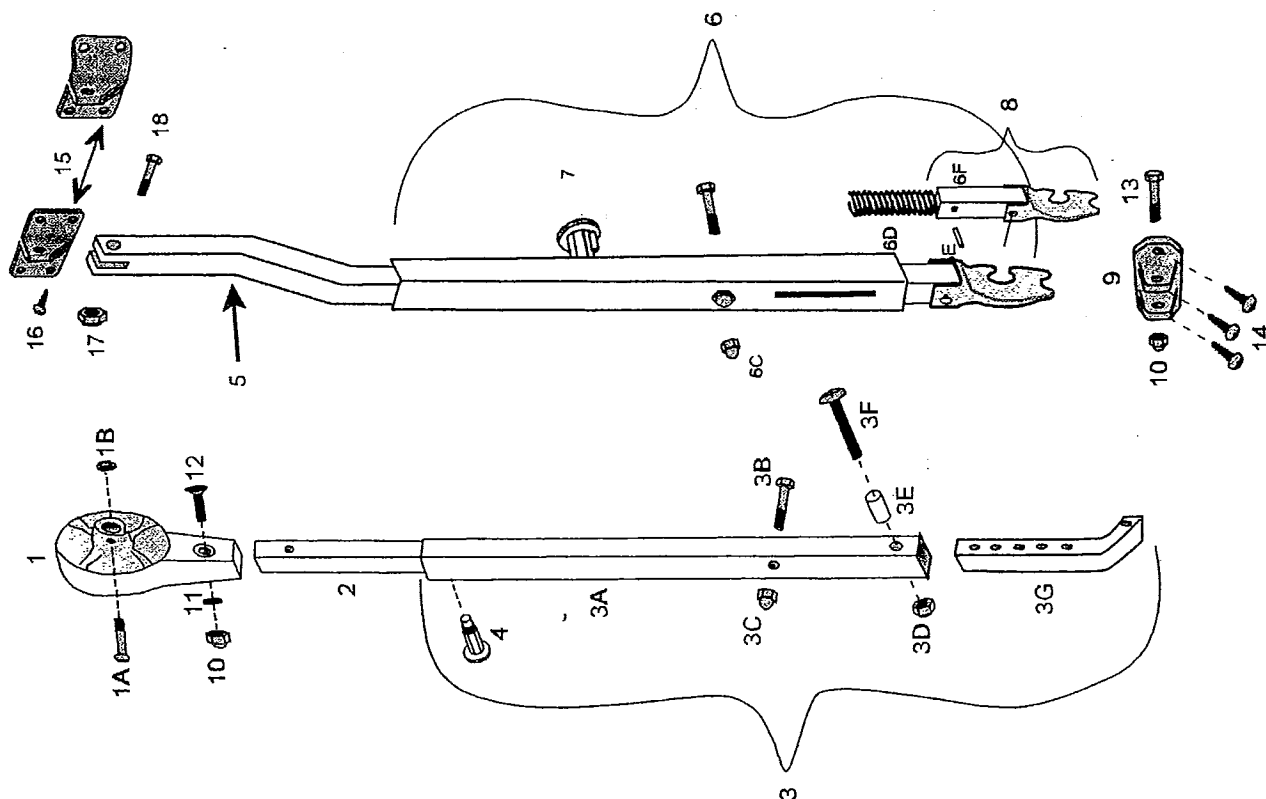
NX Hardware 2001 to Present

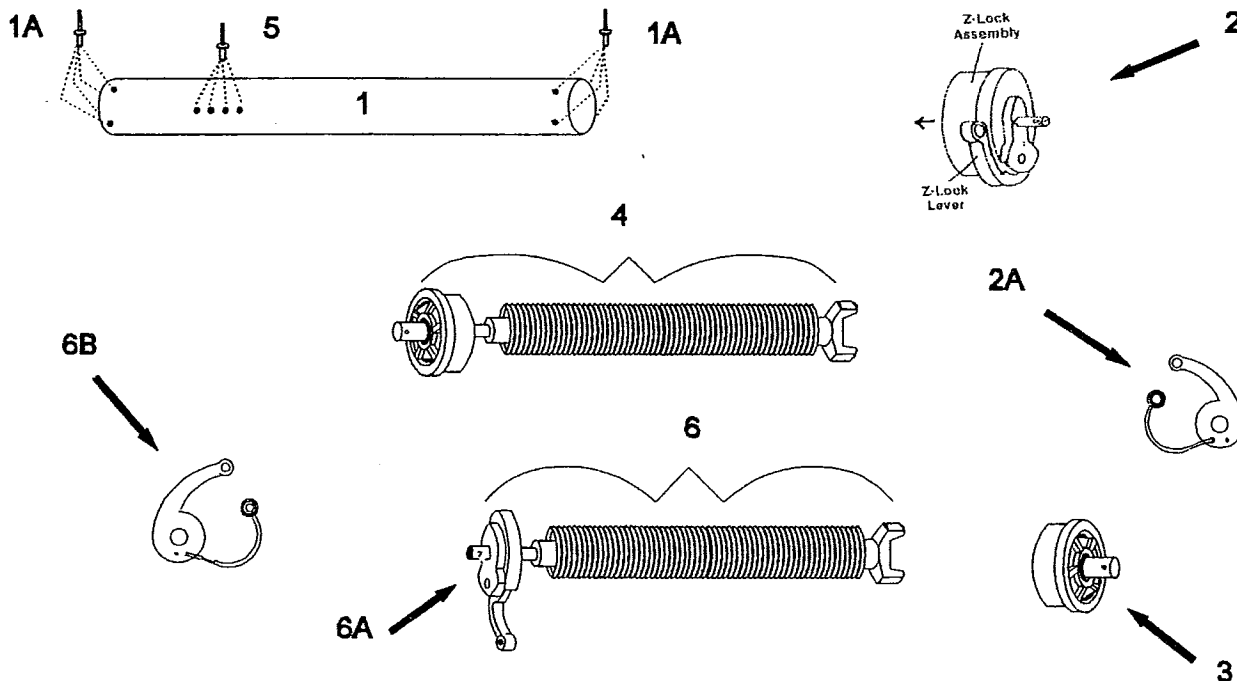
Ref. No. PART NO.

*Except as otherwise noted, for SATIN parts, substitute (7) for (2) where applicable

HEAD CASTING (Bright/Satin) Assy. Incl.:	
10-32 X 1 1/2" PhRdHd MSC	
10-32 NYLOCK HEX NUT	
MAIN ARM BAR, STRAIGHT, US1, US2, US3	
FRONT/REAR MAIN ARM TUBE ASSY. incl:	
MAIN ARM TUBE ONLY	
1/4-20 X 1 1/4" HEX HEAD BOLT	
1/4-20 CAP NUT, ALUM.	
1/4-20 NYLOCK NUT	
SPACER, 1/4 I.D.	
1/4-20 X 2 1/8" MSC	
HINGE BAR	
SNAP STUD ASSEMBLY	
RAFTER ARM BAR	
RAFTER ARM TUBE ASSEMBLY, includes:	
RAFTER ARM TUBE	
1/4-20 X 1 3/8" HEX HEAD BOLT	
1/4-20 ALUM CAP NUT	
COMPRESSION SPRING	
1/8" X 5/8" GUIDE PIN	
CLAW BAR	
5/32 BLIND RIVET	
RAFTER CLAW (use 218611 claw/bar assy.)	
RATCHET STUD ASSY.	
CLAW AND BAR ASSEMBLY WITH PIN	
FLOOR MOUNT BASE HINGE, HORIZONTAL	
NX HARDWARE MOUNTING KIT, incl:	
(2) 1/4-20 CAP NUT	
(2) SPLIT LOCK WASHER	
(2) 1 3/8" FLAT HEAD BOLT	
(2) 1 5/8" HEX HEAD BOLT	
(6) 14X2" SMS	
(2) RAFTER BASE, S/S STAMPING: FLAT/CURVED	
(4) SCREW, #10x3/4, TYPE A, PhPanHd, SMS, S/S	
(1) NUT, NYLOCK HEX 1/4-20 S/S	
(1) SCREW, 1/4-20 x 1, PAN HEAD, PHILLIPS S/S	

215010/215201	1
317212	1A
311070	1B
219000-USX	2
(2)1620F/R-XXX	3
(2)16200	3A
310040	3B
311020	3C
311060	3D
325214	3
317203	3F
(2)16700-XXX	3G
290002	4
(2)17240	5
(2)18230	6
(2)18200	6A
310030	6B
311020	6C
322110	6D
313220	6
(2)18601	6F
316100	6G
210386	6H
290001	7
(2)18615	8
210060	9
299504	10
311010	11
312010	11
317190	12
310010	13
317040	14
325352/291412	15
317030	16
311060	17
317202	18





PATIO AWNING CASE/FABRIC/ROLLER PARTS

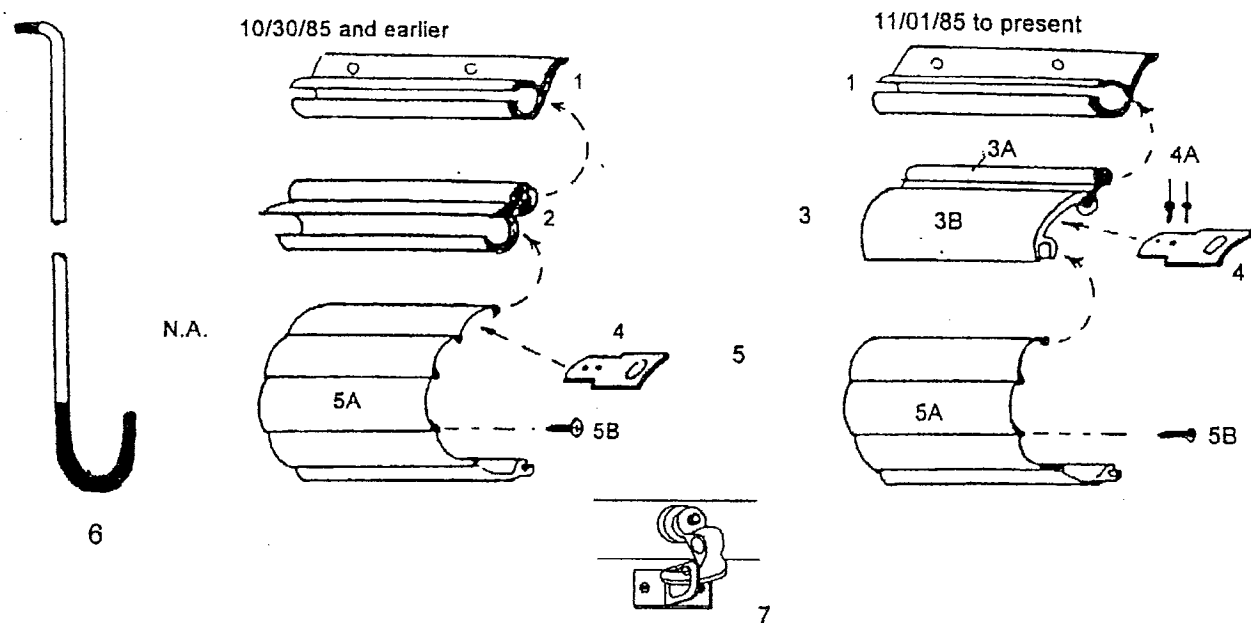
Ref No	Part No.	Description
1	330240	3" 18ga. GAL. STEEL TUBE (per ft.) (includes assembly rivets P.N. 316160)
1A	316160	ROLLER RIVETS
2	201600	Z LOCK ASSEMBLY
2A	20161S	Z LOCK REPLACEMENT LEVER KIT
3	201500	IDLE END ASSY
4	201100	NON-LOCKING SPRING ASSEMBLY (Contour & '91 or older Universal)
5	316100	SPRING STOP RIVET
6	201110	LOCKING SPRING ASSEMBLY (Universal awnings '92 & newer)
6A	201200	Z SPRING LOCK ASSEMBLY
6B	20121S	Z SPRING REPLACEMENT LEVER KIT

Locking spring & Tube Assembly (Includes Z-Spring and Z Lock)

NS	200121	TO 12 FT.
NS	200131	TO 13 FT.
NS	200141	TO 14 FT.
NS	200151	TO 15 FT.
NS	200161	TO 16 FT.
NS	200171	TO 17 FT.
NS	200181	TO 18 FT.
NS	200191	TO 19 FT.
NS	200201	TO 20 FT.
NS	200211	TO 21 FT.
NS	200221	TO 22 FT.
NS	200231	TO 23 FT.

NOTE: FOR ASSEMBLY WITH STANDARD SPRING DEDUCT
(When ordering, change last digit of part number to "0")

Note: NS = Not Shown



CASE AND FABRIC COMPONENTS

Ref No Part No.

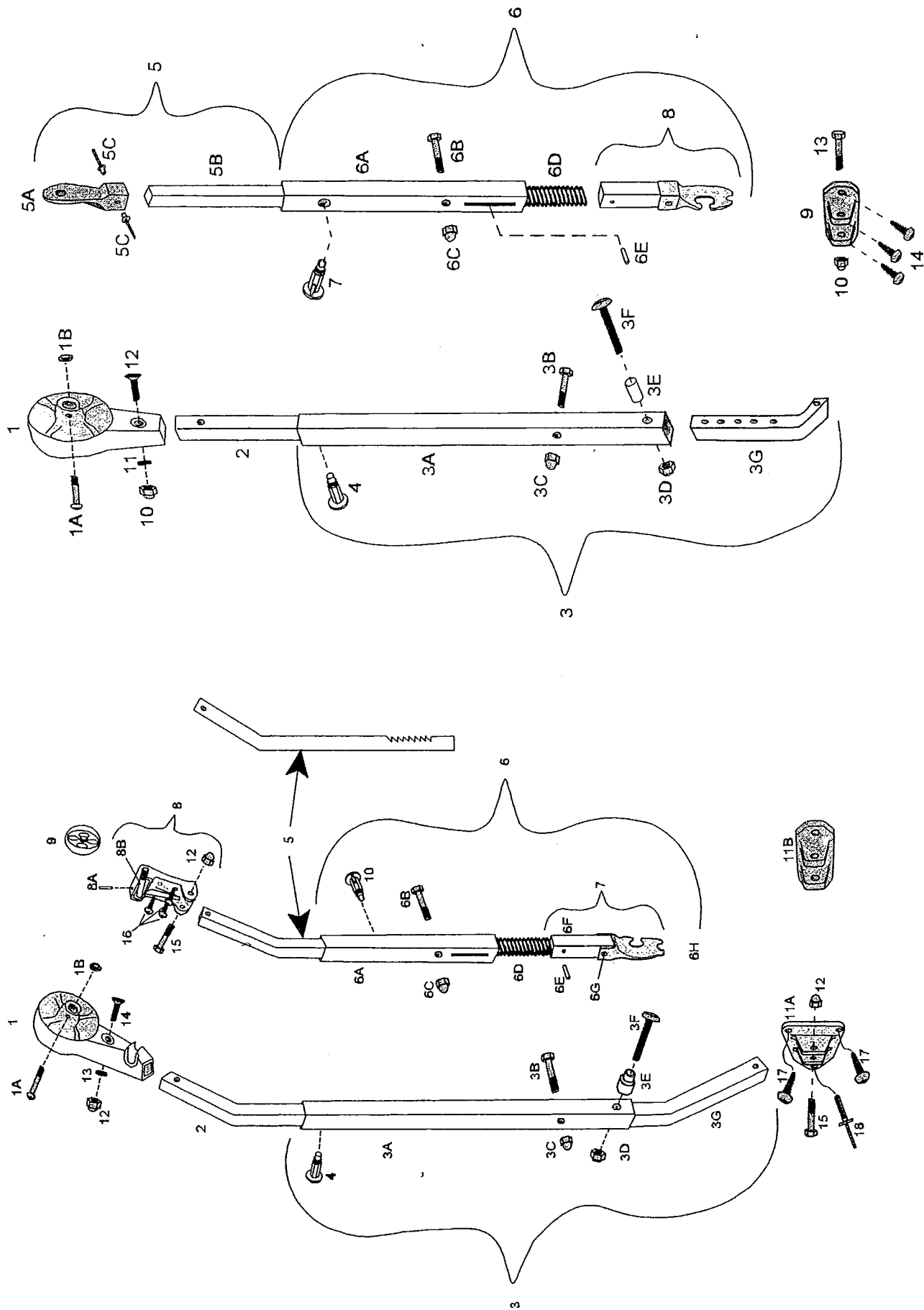
Description

*Except as otherwise noted, for SATIN parts, substitute (7) for (2) where

1	343240	AWNING RAIL (per ft.)
3	(2)07240	FLEX KEY ASSEMBLY, STD. (per ft.)
3	(2)02240	FLEX KEY ASSEMBLY, WIDE (per ft.)
3A	207241	STD. FLEX KEY ONLY (per ft.)
NS	202241	WIDE FLEX KEY ONLY (per ft.)
NS	207250	FLEX HINGE ONLY (per ft.)
3B	339240	BRIGHT FLEX KEY SLAT ONLY (per ft.)
3B	338240	SATIN FLEX KEY SLAT ONLY (per ft.)
4	299150	UNIVERSAL KEY LOCK KIT (incl. RIVETS)
4A	316240	KEY LOCK RIVET
5	(2)03240	COMPLETE STANDARD CASE (per ft.) (Order exact length. Patio awning case includes 5 sections: 4 Case Slats and 1 Flex Key assembly)
5	710240	COMPLETE SATIN ALTERNATIVE CASE (per ft.) (Order exact length. Patio awning case includes 4 sections: 2 Case Slats and 2 Flex Key assemblies)
5A	340240	SINGLE BRIGHT CASE SLAT (per ft.)
5A	341240	SINGLE SATIN CASE SLAT (per ft.)
5B	317010	CASE SCREW
6	299111	PULL ROD, 36"
6	299112	PULL ROD, 55"
NS	206240	FINISHED CANOPY FABRIC (per ft.) (Includes Fabric Rivets, PN 316130)
NS	316130	FABRIC RIVETS
NS	206900	REPLACEMENT PULL STRAP ASSEMBLY
NS	321291	POLYTUBE CORDING (per ft.)
7	299120	PATIO AWNING TRAVEL LATCH KIT (1 LOCK)

Note: NS = Not shown

Contour Hardware 1989 to Present Universal Hardware 1989 to Present



Ref.

No. PART NO. CONTOUR HARDWARE 1989 TO PRESENT

*Except as otherwise noted, for SATIN parts,
substitute (7) for (2) where applicable

1 21000F/R-XXX FRONT/REAR HEAD ASSEMBLY, Includes:
 1A 317212 10/32 x 1 1/2" PhRdHd MSC
 1B 311070 10/32 NYLOCK HEX NUT

2 21300F/R-XXX FRONT/REAR MAIN ARM BAR

3 (2)1110F/R-XXX FRT/REAR MAIN ARM TUBE ASSY, includes:

3A (2)11100-XXX MAIN ARM TUBE
 3B 310040 1/4-20 X 1 1/4" HEX HEAD BOLT
 3C 311020 1/4-20 ALUM CAP NUT
 3D 311060 1/4-20 NYLOCK NUT
 3E 325215 STEP SPACER
 3F 317203 1/4-20 X 2" STUD PIN
 3G (2)11400-XXX HINGE BAR
 4 290002 SNAP STUD ASSEMBLY

5 (2)14100-XXX RAFTER ARM BAR

6 (2)12200-XXX RAFTER ARM TUBE ASSEMBLY, includes:

6A (2)12100-XXX RAFTER ARM TUBE
 6B 310030 1/4-20 X 1 3/8" HEX HEAD BOLT
 6C 311020 1/4-20 ALUM CAP NUT
 6D 322100 COMPRESSION SPRING, 6-3/4"
 6D 322110 COMPRESSION SPRING, 4-1/4"
 6E 313220 1/8 X 5/8 GUIDE PIN
 6F (2)18600-XXX STUB BAR, 5 1/4"/6"
 6G 316100 5/32 BLIND RIVET
 6H 210380 RAFTER CLAW (use 218610 claw & bar Assy.)
 10 290001 RATCHET STUD

7 (2)18610-XXX CLAW BAR ASSEMBLY

11A 210050 BASE HINGE, RIB MOUNT

11B 210060 BASE HINGE, FLOOR MOUNT

8 210121 FRONT CURVED CLAMP ASSY. Includes:

8A 313040 1 X 1/8" DRIVE PIN
 8B 325110 3/8-16 THREADED STUD

8 210122 REAR CURVED CLAMP ASSY. includes above

9 210390 CLAMP WHEEL

299010-XXX HARDWARE MOUNTING KIT, includes:

12 311010 (6) 1/4-20 CAP NUT
 13 312010 (2) 1/4" LOCKWASHER
 14 317190 (2) 1 3/8" FLAT HEAD BOLT
 15 310010 (4) 1 5/8" HEX HEAD BOLT
 16 317030 (6) 10x3/4" SMS
 17 317050 (4) 14x1" SMS
 18 316030 (2) 3/16 X 1" EXPANDING RIVET

1HD(S)10F/R-XXX HALF SET OF HARDWARE -FRONT/REAR
(CONSISTING OF ITEMS 1 THRU 18)

XXX =INSERT HARDWARE CODE FROM SELECTOR CHART

Ref

No. PART NO. UNIVERSAL HARDWARE 1989 TO PRESENT

*Except as otherwise noted, for SATIN parts,
substitute (7) for (2) where applicable

1 215000 HEAD CASTING ASSY. INCL.:

1A 317212 10-32 X 1 1/2" PhRdHd MSC
 1B 311070 10-32 NYLOCK HEX NUT

2 219000-USX MAIN ARM BAR, STRAIGHT, US1, US2, US3

2 21900F/R-XXX MAIN ARM BAR UC STYLE (BENT) FRT/REAR

3 (2)1620F/R-XXX FRONT/REAR MAIN ARM TUBE ASSY. incl:

3A (2)16200 MAIN ARM TUBE ONLY
 3B 310040 1/4-20 X 1 1/4" HEX HEAD BOLT
 3C 311020 1/4-20 CAP NUT, ALUM.
 3D 311060 1/4-20 NYLOCK NUT
 3E 325214 SPACER, 1/4 I.D.
 3F 317203 1/4-20 X 2 1/8" MSC
 3G (2)16709-XXX HINGE BAR
 4 290002 SNAP STUD ASSEMBLY

5 (2)1710F/R-XXX RAFTER ARM BAR ASSY. FRT/REAR incl:

5A 210360 RAFTER LINK CASTING
 5B (2)17109-XXX RAFTER ARM BAR
 5C 316220 3/16 BLIND RIVET

6 (2)18210 RAFTER ARM TUBE ASSEMBLY, Includes:

6A (2)18200 RAFTER ARM TUBE
 6B 310030 1/4-20 X 1 3/8" HEX HEAD BOLT
 6C 311020 1/4-20 ALUM CAP NUT
 6D 322110 COMPRESSION SPRING
 6E 313220 1/8" X 5/8" GUIDE PIN
 6F (2)18601 CLAW BAR
 6G 316100 5/32 BLIND RIVET
 6H 210380 RAFTER CLAW (use 218611 claw/bar Assy)
 7 290001 RATCHET STUD ASSY.

8 (2)18611 CLAW AND BAR ASSEMBLY WITH PIN

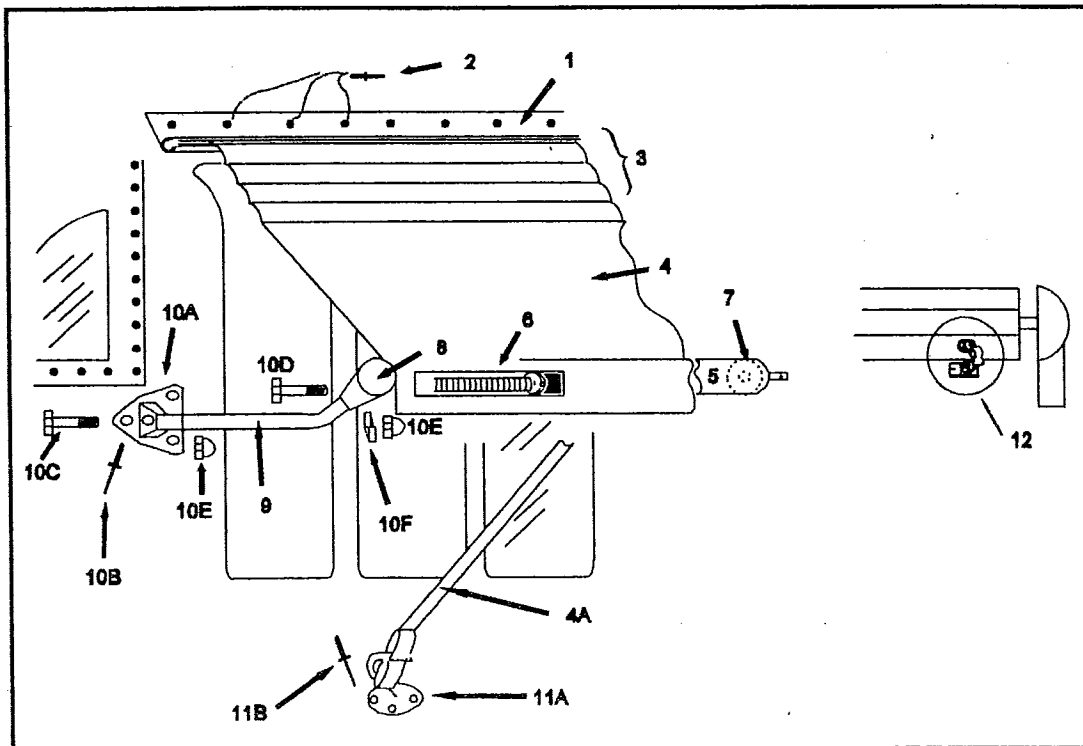
9 210060 FLOOR MOUNT BASE HINGE

299502 '89 UNIV. HARDWARE MOUNTING KIT, incl:

10 311010 (2) 1/4-20 CAP NUT
 11 312010 (2) SPLIT LOCK WASHER
 12 317190 (2) 1 3/8" FLAT HEAD BOLT
 13 310010 (2) 1 5/8" HEX HEAD BOLT
 14 317040 (6) 14X2" SMS

1HD(S)20F/R-XXX HALF SET OF HARDWARE-FRONT/REAR
(CONSISTING OF ITEMS 1 THRU 14)

(XXX) =INSERT HARDWARE CODE US1,US2,US3,UC1,ETC.



WINDOW AWNING ... all years

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	343240	PATIO AWNING RAIL (per ft.)	9	(2)31100	SUPPORT ARM
2	316150	5/32 AWNING RAIL BLIND RIVETS	9	(2)31200	FOR "047" ONLY (24 3/4")
				(2)31XXX	FOR STD. AWNING (21 3/4")
3	(2)04240	(a) COMPLETE CASE			Window Awning Arms, Other (Specify)
		3 Slope Pre 1/97 (Std. 4 Slat, /ft.)	10	299310	INSTALLATION KIT "47" WA, (OR)...
3	(2)05240	(a) COMPLETE CASE	10	299320	INSTALLATION KIT STD.WA., includes:
		8 Slope (3 Slat & Flex Key, /ft.)		210060	47" AWNING RECTANGULAR HINGE OR
3	(2)08240	(a) COMPLETE CASE	10A	210050	STANDARD TRIANGULAR HINGE
		'97 3'-5' (2 SLAT & Std. Flex Key, /ft.)	10B	316030	3/16" X 1 SPLIT RIVET
3	(2)09240	(a) COMPLETE CASE	10C	310010	1/4-20 X 1 5/8 BOLT
		'97 5'6"-22' (2 SLAT & Wide Flex Key, /ft.)	10D	310040	1/4-20 X 1 1/4 BOLT
3A	340240	(a) BRIGHT CASE SLAT (per ft.)	10E	311010	1/4-20 CAP NUT
3A	341240	(a) SATIN CASE SLAT (per ft.)	10F	312010	1/4" LOCK WASHER
			NS	313020	1/8 X 1" COTTER PIN
4	226240	(*) FABRIC, Slopes: 2, 3, 4, 7, L, W /ft. (a)	11	299330	HOLD DOWN HOOK KIT, includes:
4	227240	(*) FABRIC, Slopes: 5, 8, /ft. (a)	11A	210440	HOOK CASTING
4A	226900	(*) Replacement PULL STRAP	11B	316010	3/16 X 3/4" RIVETS (QTY.3)
		(Std. 32" long - 3 slope.) W/Rivets	NS	299350	"G" ARM CONVERSION KIT
4A	226901	(*) Replacement PULL STRAP	12	299344	TRAVEL LATCH KIT
		(43" Long- 8 Slope) W/Rivets			
5	332240	(b) 2 1/4" ROLLER TUBE ONLY (3'-5') (per ft.)			COMPLETE SET OF HARDWARE,
5	331240	(b) 2 1/2" ROLLER TUBE ONLY (5'6"-22') (per ft.)			(INCLUDES ITEMS 8(2), 9(2), 10(1) & 11(1)
6	221100	SPRING ASSEMBLY, ROUND WIRE			ABOVE)
		FOR 2 1/4" TUBE	(2)30100		FOR "047" AWNING ONLY
6	221200	SPRING ASSEMBLY, SQUARE WIRE	(2)30200		FOR STANDARD WINDOW AWNING
		FOR 2 1/2" TUBE	(2)30xxx		W.A. COMPLETE HDWE SET, OTHER
					(Specify)
7	221550	2 1/4" IDLE END ASSY.	(*)		SPECIFY COLOR
7	221500	2 1/2" IDLE END ASSY.	(a)		Usually equals Awning size MINUS 1-1/2"
			(b)		Usually equals Awning size exactly
					Note: NS = Not Shown
8	210430	HEAD CASTING			

Awnings By Zip Dee, Inc.

LIMITED WARRANTY

This warranty is valid only if the registration card below is mailed within ten days of purchase.

Zip Dee, Inc. awning **HARDWARE** is warranted to the **original owner**, to be free from DEFECTS in workmanship or materials under normal use. Defective parts will be repaired or replaced without charge if the part is returned, transportation prepaid, to Zip Dee, Inc. Replacement parts ordered in advance must be identified as warranty. Credit will be issued for the amount paid upon return of the defective part.

Authorization to return parts and instructions for disassembly or packaging must be obtained from Zip Dee, Inc. by mail or telephone prior to returning any material.

At your option, inspection, repair and/or replacement of defective parts may be done at any authorized dealer. Replacement parts or credit (limited to the amount paid) will be given only to the dealer. Labor for authorized warranty repairs will be paid to approved dealers up to the amount specified in the Warranty Labor Schedule, provided that notice of the defect is received at Zip Dee, Inc. within 90 days from the date of purchase.

The **FABRIC** (not the stitching) is warranted for five years against becoming unserviceable because of excessive fading (some overall color change from ultra-violet rays is often unavoidable) or loss of strength from normal exposure conditions such as sunlight, mildew and normal atmospheric chemicals or we will supply a new fabric free of charge. NOT COVERED: simple stains from mildew; thread deterioration.

THIS WARRANTY FOR HARDWARE AND FABRIC DOES NOT COVER DAMAGE OR WEAR, OTHER THAN NORMAL WEAR, WHICH WE DETERMINE RESULTED FROM MISUSE, NEGLIGENCE OR ACCIDENT, INCLUDING RAIN AND WIND.

This warranty is in lieu of all other warranties, expressed or implied, including any implied warranty of merchantability or any other obligation or liability on the part of Zip Dee, Inc. No person or representative is authorized to make any other warranty or assume any liability other than what is contained in this warranty. This warranty gives you specific legal rights, you may also have other legal rights which vary from state to state.

Revised 10/05