



# SPECIALTY TOP CO.

## INSTALLATION INSTRUCTIONS TOYOTA FAST TRAC TOP Toyota FJ-40 1963-1983 PART #222-21X

Thank you for purchasing Specialty's Convertible Top for your Toyota. It has been designed for great fit and long wear. Please read and follow, precisely, all installation instructions provided when installing top. Failure to do so may result in a poor fitting top and could place occupants in a potentially hazardous situation.

### TOOLS REQUIRED:

3/8" WRENCH	DRILL BITS (1/8", 5/32" & 13/64")
7/16" WRENCH	ELECTRIC DRILL
1/2" WRENCH	#1 & #2 PHILLIPS SCREWDRIVER
10MM WRENCH	8' TAPE MEASURE
SCISSORS	RUBBING ALCOHOL

*Windshield Adjustment.* If your windshield frame is improperly adjusted, the top will not fit or function properly. Hook tape measure on flange at the top of windshield frame, 20" on either side of center line and measure to edge of body as shown. If windshield is out of adjustment, loosen screws at bottom of windshield frame and tilt the windshield frame forward. There should be tubes around each screw that work as shims to keep the windshield frame properly aligned. If these tubes are missing you will need to replace them in order to obtain the proper windshield measurement. If these tube are in place but you still can not obtain the proper measurement addition shims may be need between the windshield frame and the body. See figure 1.

### INSTALLATION TIPS

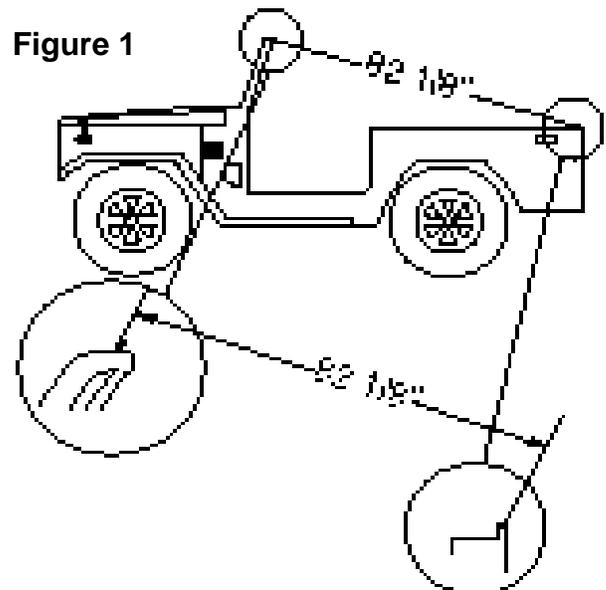
Before you begin installing this top, here are a few tips to make installation easier.

*This top should be installed where the temperature is above 72 degrees Fahrenheit. Below this temperature, the top may contract making it difficult to install.*

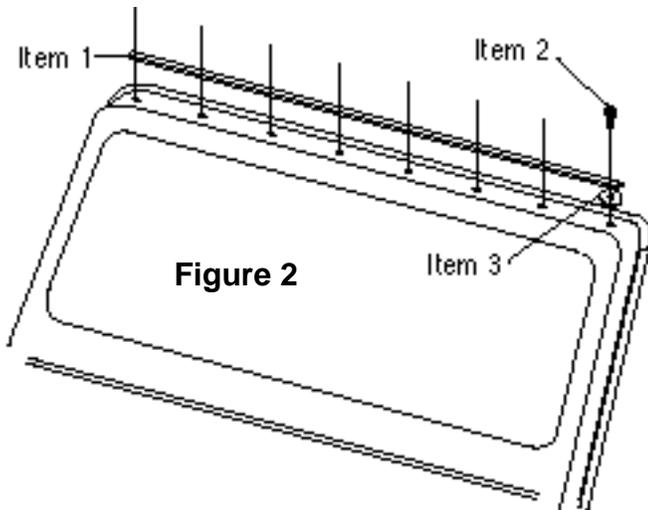
*It is normal for a top to contract and wrinkle when stored in the shipping carton. The top will relax and wrinkles will disappear within a few days of installation as fabric adjusts to shape of mounting hardware.*

### INSTALLATION PROCEDURES:

On page 4 of this instruction manual there is an assembly drawing. Please refer to it for identification of parts and assembly assistance. Also refer to page 5 to assure that all parts are included in your kit.

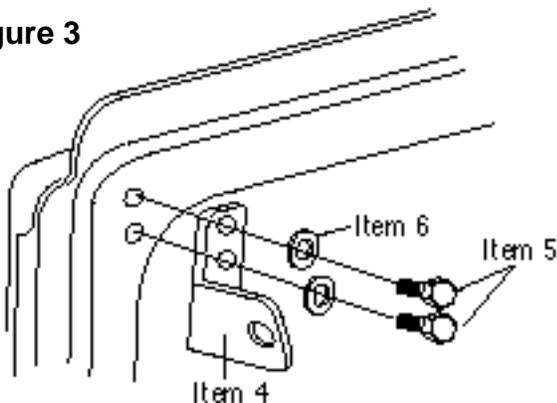


**Step 1. Windshield Slot.** Center Windshield slot (Item 1) from side to side on top of windshield frame. Mark and drill 1/8" holes using windshield slot as a template. Secure with #10 x 1/2" sheet metal screws (Item 2) through windshield slot, fender washer (Item 3) and into windshield frame. See figure 2.

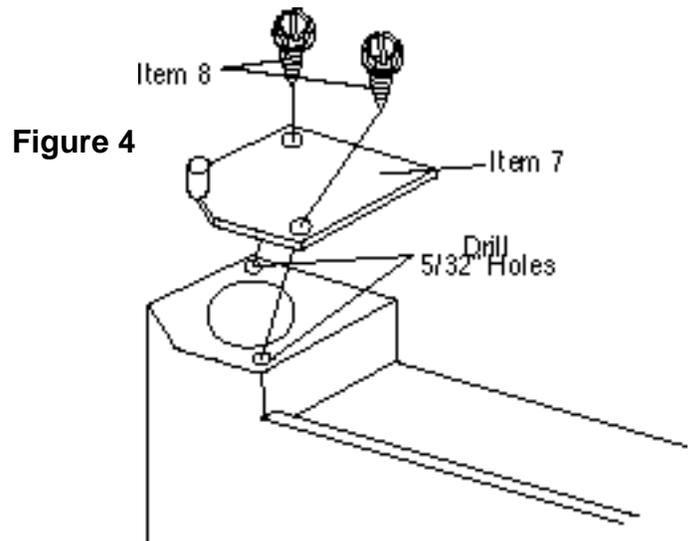


**Step 2. Horizontal Rod Bracket.** Place holes in horizontal rod bracket (Item 4) over holes on inside corner of windshield frame. Secure with M6 x 12MM bolt (Item 5) through #12 flat washers (Item 6), horizontal rod bracket and into threaded hole in windshield frame. See figure 3.

Figure 3



**Step 3. Vertical Rod Bracket.** Locate holes for vertical rod bracket (Item 7) by placing on top of door post and aligning with top edges of door post. Mark and drill 5/32" holes using vertical rod bracket as a template. Secure with #14 x 1/2" sheet metal screws (Item 8) through vertical rod bracket and into drilled holes. See figure 4.



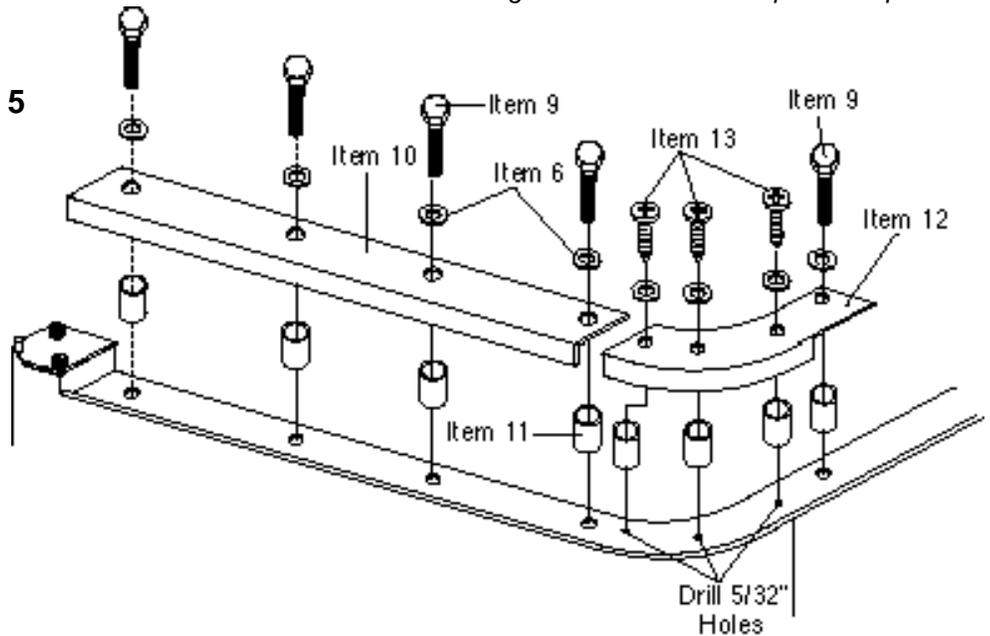
**Step 4. Belt Rails And Corner Plate.** Place belt rail (Item 10) up against rise in body behind the door opening. Secure belt rail to top of body with M6 x 1 x 35 MM hex head bolt (Item 9) through #12 flat washer (Item 6), belt rail 5/8" spacer tube (Item 11) and into existing threaded hole on body. Butt rear corner plate (Item 12) to end of belt rail. Place a M6 x 1 x 35MM hex head bolt through #12 flat washer, corner plate, 5/8" spacer tube and into existing hole closest to the tailgate. Do not tighten at this time. Using the corner plate as a template mark and drill 5/32" holes for remaining mounting holes in corner plate making sure that corner plate is parallel with body and in line with belt rail. Secure with #14 x 1 "sheet metal screws (Item 13). Tighten all fasteners, except the bolt closest to tailgate, at this time. See figure 5. Drill 1/8" holes in corner plate using tailgate clip (Item 14) as a template making sure that tailgate clip is parallel with corner plate. Secure tailgate clip to corner plate with #10 x 1/2 sheet metal screws (Item 2) and M6 x 35MM hex head bolt through slot in tailgate clip. Place footman loop (Item 15) at a 45 degree angle on top of corner plate. Using footman loop as a template mark and drill 1/8" holes in the corner plate. Secure footman loop to top of corner plate with #8 x 1/2 "oval head sheet metal screws (Item 16). See figure 5.

**Step 5. Bow Mount** Mark a line on top of belt rail 17 1/4" from rear of door post. Place the end of bow mount (Item 17) on this line flush with the inside edge of belt rail. Using outside set of holes in bow mount as a template, drill 5/32" holes in belt rail. Secure bow mount to body using #14 x 1/2" sheet metal screws (Item 8) through holes in bow mount. Repeat for the other side. See figure 6.

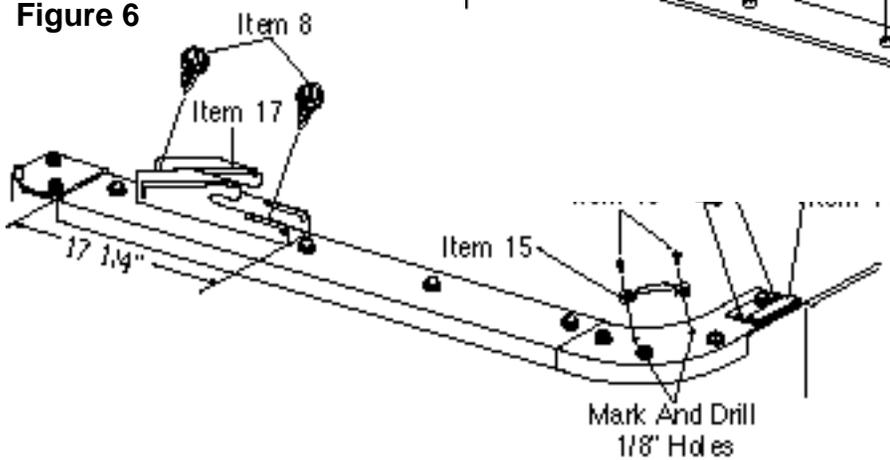
**Step 6. Rear Bow And Bow Lock.** Mount the rear bow lock bracket (Item 18) through the rear slot of the bow mount bracket. Place 1/4-20 x 1 3/4 " bolt (Item 19) through 1/4" flat washer (Item 20) into the bow mount through the rear holes in the bow release bracket then through the other side of the bow mount and another 1/4" flat washer. Fasten with 1/4-20 locknut (Item 21). These items must pivot, so tighten only enough so that they will still function. Slip bow covers over rear bow halves (Item 22). Slide rear bow halves together (Item 22). Install rear bow to center hole in bow lock bracket with 1/4-20 x 1 1/2" hex bolt (Item 23) through bracket, rear bow, and the other side of the lock bracket. Secure with 1/4-20 locknut. These items must pivot so do not overtighten. Repeat for other side. See figure 7

**Step 7. Front Bow.** Slide front bow halves (Item 24) together and place into bow mount making sure that the vertical rod is over peg on vertical rod bracket and turn fastener on horizontal rod is secured to horizontal rod bracket. Assemble using 1/4-20 x 1 3/4" bolt through 1/4" flat washer then through one side of bow mount, through front bow, through other side of the bow mount. Secure using another 1/4" flat washer and 1/4-20 locknut. Once again these items must pivot . Repeat for other side. See figure 7.

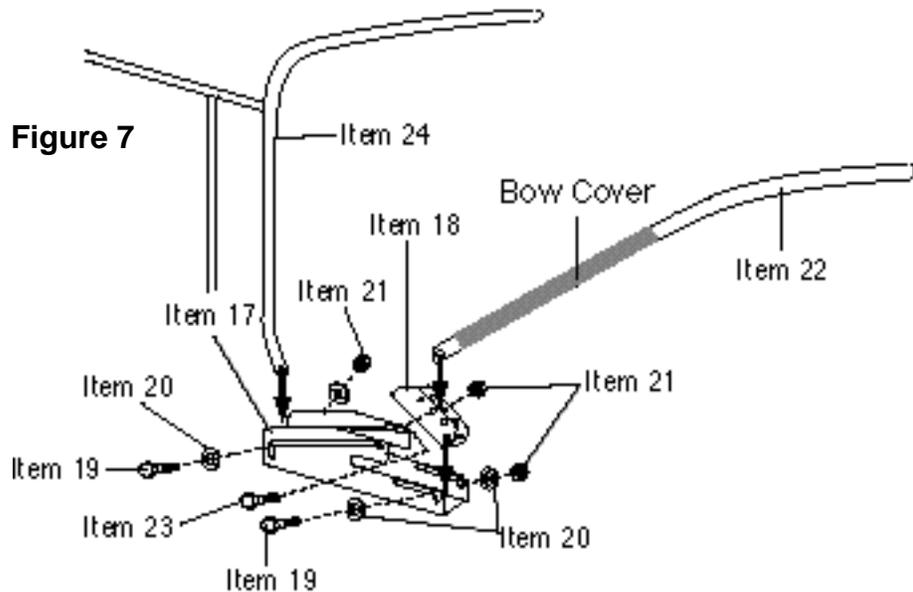
**Figure 5**

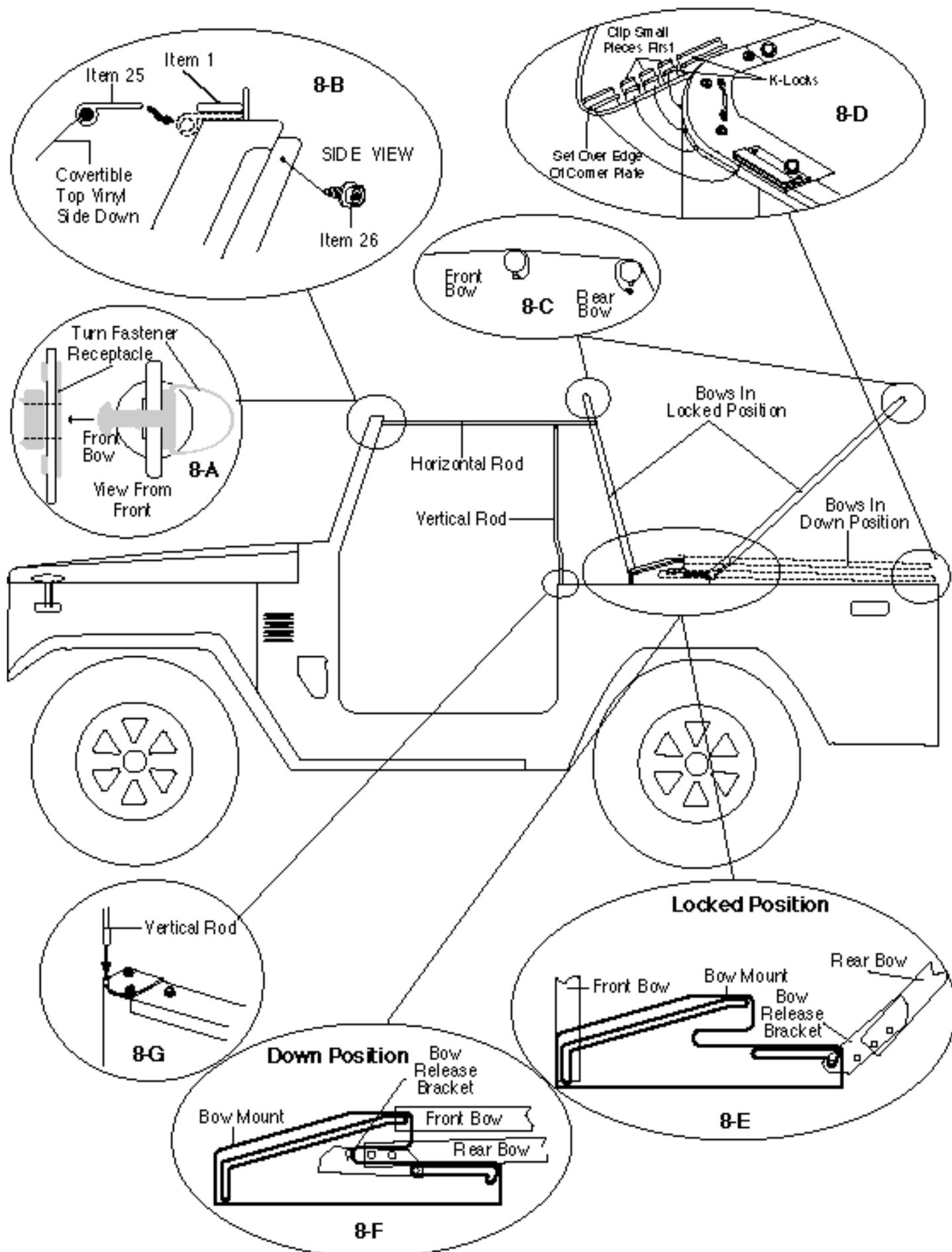


**Figure 6**

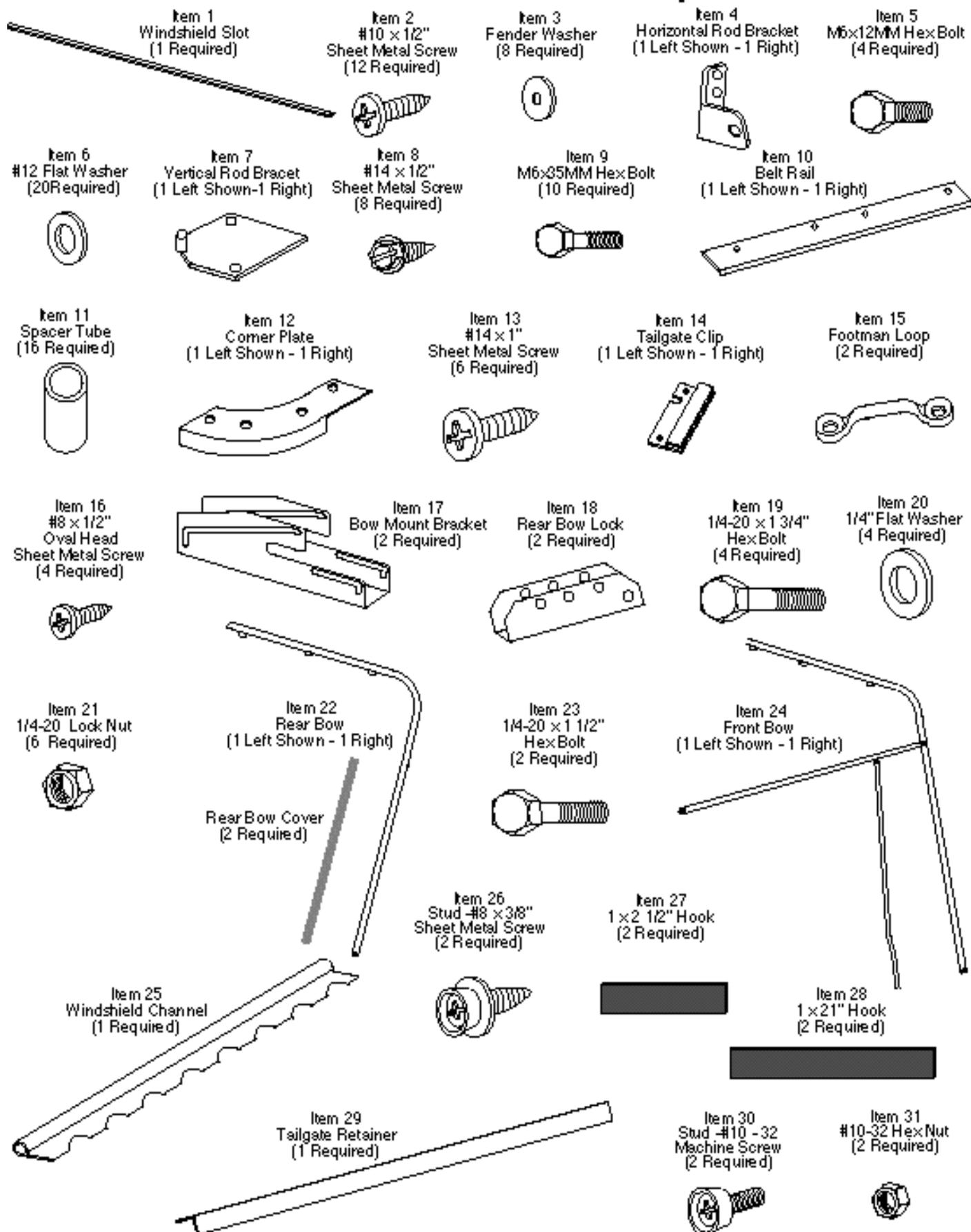


**Figure 7**





# Parts Identification And Requirements



# Fabric Installation

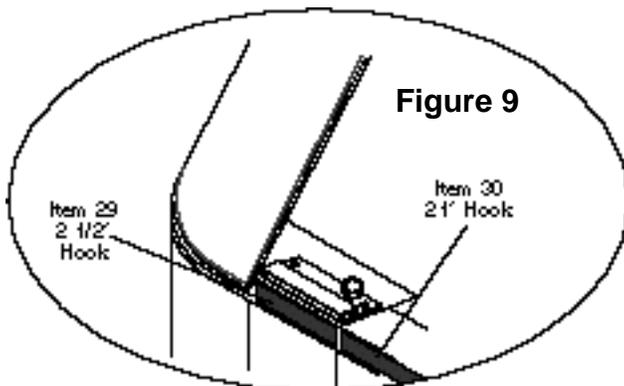
1. Position horizontal and vertical rods into their respective brackets as shown in figure 8-A and figure 8-6. Place convertible top, vinyl side down on hood of vehicle. Slide windshield channel (Item 25) over sewn in bead at front of top. Slip channel between slot (Item 1) and windshield frame. See figure 8-B. Center left to right Flip the top over windshield and bows.

2. Snap front bow flap (inside the top) onto the front bow, snap rear bow flap onto the rear bow. See figure 8-C.

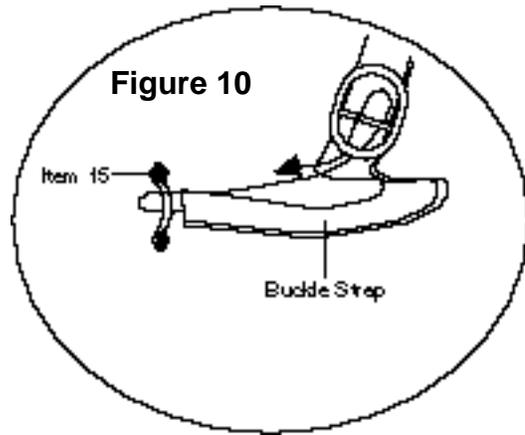
3. Starting at the rear corner, clip the K-lock to the belt rail. Clip the short pieces first, then pull and start the 2 1/2" piece until fully engaged on the corner plate. Continue installing K-locks (back to front) until all are fully engaged. See figure 8-D.

4. Wrap horizontal rod flaps around the horizontal rod and secure hook and loop together. Repeat for the vertical rod flaps. Pull forward on front of horizontal rod flap and mark for a hole location using snap as a guide. Drill a 1/8" hole and install a 3/8 sheet metal screw stud (Item 26). Snap flap to stud. See figure 8-B.

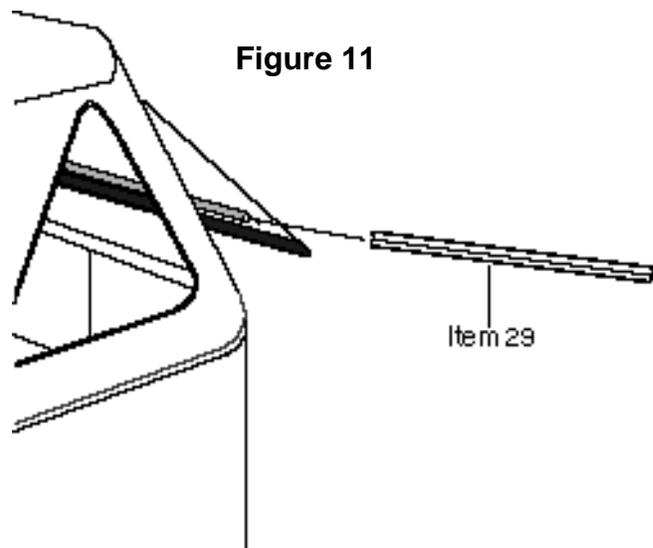
5. Clean mounting surface of tailgate with a solution of 50% rubbing alcohol and 50% water and let dry. Attach one 2 1/2" piece (Item 27) of self adhesive hook to each side of tailgate. Attach 21" pieces (Item 28) to vertical edge of tailgate. See figure 9.



6. Place rear hold down straps through footman loops (Item 15) on rear corners of the vehicle. Buckle but do not tighten yet. See figure 10.

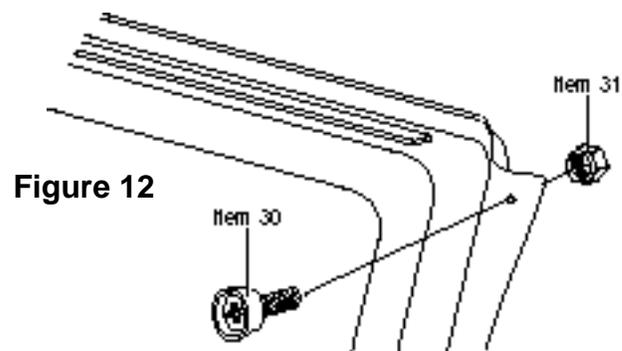


7. Slide tailgate retainer (Item 29) into loop in rear curtain. See figure 11. This will now lock into the tailgate clips. Partially close zippers on both sides of the rear curtain. Pull down on rear curtain and engage hook and loop closed.



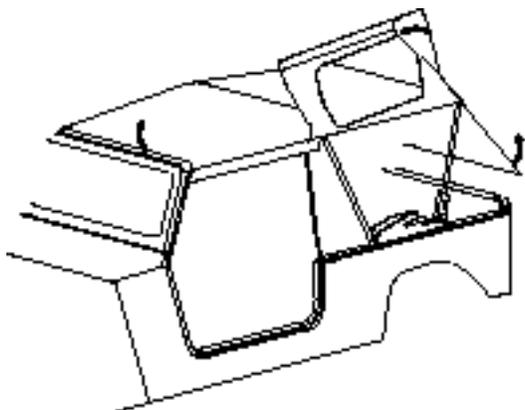
8. Lock rear bow into place by pulling from the rear. First one, side then the other, into the rear of slot. See figure 8-E. Tighten buckle straps. Fully close zippers.

9. Pull forward and down on front of top. Mark and drill 13/64" hole using snap on top as a guideline. Install machine screw stud (Item 30). Secure with #10-32 hex nut (Item 31). Snap top to stud. See figure 12.

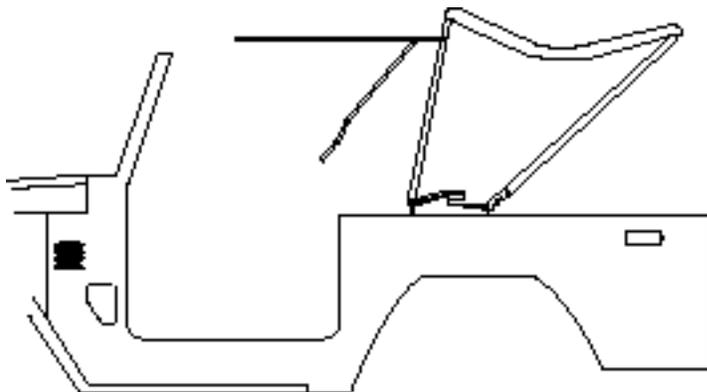


# Folding Instructions

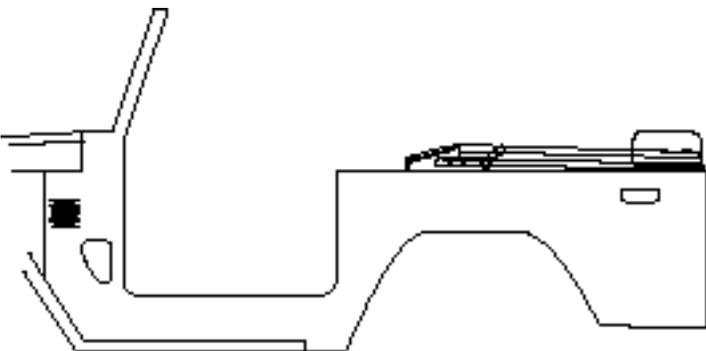
*Step 1. Unlock rear bow and unfasten K-locks. Lift the side curtains up and lay flat on the convertible top. Remove tailgate retainer and lift rear curtain on top of side curtains. Remove windshield channel from windshield slot and fold front deck on top of rear curtain.*



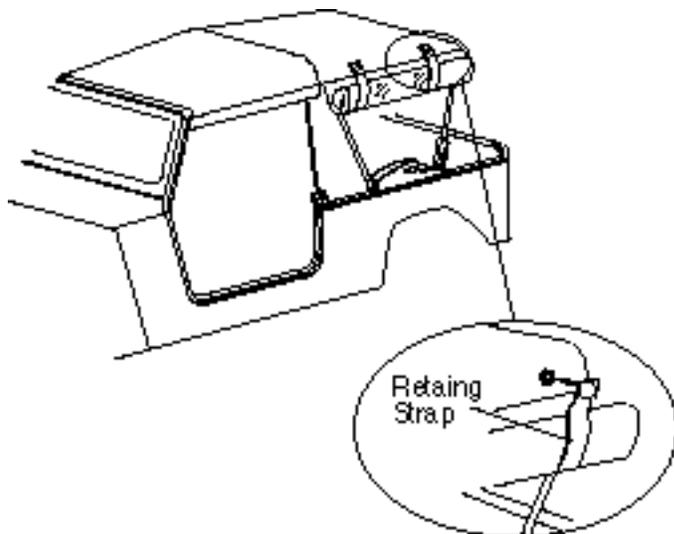
*Step 2. Remove horizontal and vertical rods from their brackets. Let the top sag between the front and rear support bows as you pull back on the front bow to the rear of the vehicle.*



*Step 3. Lay the top down making sure that the rear bow release bracket is to the front of its slot in the bow mount and that the front bow is all the way to the rear of its slot in the bow mount. The convertible top should come to rest in front of the spare tire.*



*Rolling up side curtains. Before rolling up panels, clean windows with a mild non-detergent soap and water. If windows are not clean dirt will scratch them reducing top life. To roll up the side curtains, you must unlock the rear bow. Disengage the K-locks, back to front, unzip rear curtain. Remove tailgate retainer (Item 23) and roll up the side curtain as shown below. Secure with retaining straps. You can also roll up the rear curtain following the same procedure. Lock the rear bow and tighten hold down straps.*



## **CARE INSTRUCTIONS**

*Convertible tops and accessories require special care if you want to get the maximum usage and enjoyment from them. The following recommendations, if followed carefully, can extend the life of your top or accessory.*

- 1. Hand wash using a mild non-detergent soap such as Ivory. Use a nonabrasive cloth or sponge. Rinse thoroughly.*
- 2. **DO NOT** wash in direct sunlight and avoid automatic car washes.*
- 3. When your top is clean, we recommend using "303 Protectant" on both the vinyl top and windows. This product contains a sunscreen that helps protect from the sun's damaging rays. Stay away from products containing alcohol as it will cause the fabric and windows to lose their elasticity, thus reducing the life of your top or accessory. If you are unable to locate "303 Protectant", please call 1-800-223-4303 for a distributor near you.*
- 4. Direct sunlight and heat are the biggest enemies of the windows. Park in the shade whenever possible. If you must park in the sunlight, rotate the direction that you park every few days so all windows get even exposure.*
- 5. Our tops are designed so that you may roll up and/or store the rear curtain and side curtains. To prevent scratching of the windows, be sure that windows are completely clean and free of dust particles. Even a little dirt will badly scratch the windows. You may want to use a soft cloth when rolling up or storing your windows. Heat may build up on rolled up windows, so be sure to unroll them frequently. If you roll up the windows at the beginning of summer and leave them, they may be ruined by fall.*
- 6. **DO NOT** open or roll up windows at temperatures below 45 degrees F. This could cause them to crack or break.*
- 7. **NEVER** use ice scrapers or snow brushes on vinyl windows.*

## **WARRANTY INFORMATION:**

*Specialty Top Co. manufacturing warrants to the original purchaser of any product it manufactures, that the product will be free of defects in material or workmanship for a period of 90 days from date of purchase. Such obligations under this warranty shall be limited to the **repair or replacement**, at Specialty's discretion, of any assembly or parts which upon examination by Specialty Top Co. proves to be defective. All defective items must be returned with proof of purchase to Specialty Top Co. Manufacturing, 200 East 64th Avenue, Denver, Colorado 80221, freight prepaid. This warranty does not cover damage resulting from abuse, misuse, alteration, accident or damage in transit. Specialty's obligations under this warranty are limited to the aforementioned repair or replacement of warranty defects for which the return authorization has been received during the warranty period, and **SPECIALTY TOP CO. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM BREACH OF THIS OR ANY IMPLIED WARRANTY.***

*Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.*

*If you need assistance or further information, you may contact Specialty Top Co. at 1-866-487-9944 between the hours of 8:00 AM and 5:00 PM, Monday through Friday, Mountain Standard Time.*