



SPECIALTY TOP CO.

PART #103-01X CJ-3A 1948-1953 104-01X CJ-3B 1953-1964 With Doors

Thank you for purchasing Specialty's Convertible Top for your Jeep® vehicle. 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	7/16" WRENCH
1/2" WRENCH	#2 PHILLIPS SCREWDRIVER
1/8" DRILL BIT	5/32" DRILL BIT
3/8" DRILL BIT	ELECTRIC DRILL
8' TAPE MEASURE	RUBBING ALCOHOL

of the windshield frame to achieve the proper measurement. Bending of the windshield frame may be necessary as the last option. 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.

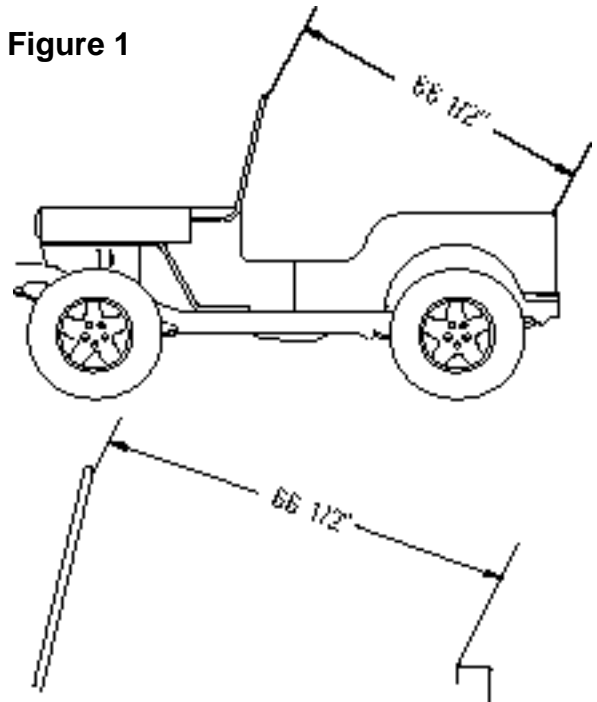
It is normal for a top to contract and wrinkle when stored in the shipping carton. The top will relax and wrinkles will disappear within a few days of installation as fabric adjusts to shape of mounting hardware.

INSTALLATION PROCEDURES:

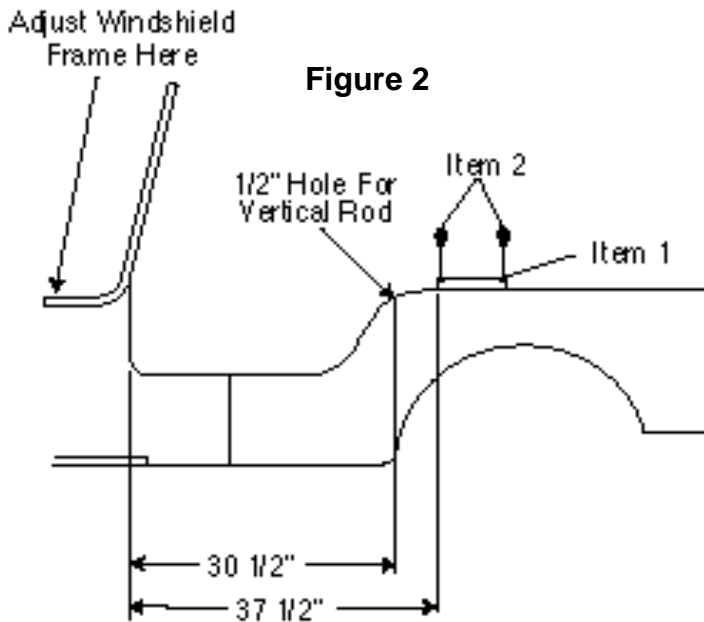
On page 4 of this instruction manual there is an assembly drawing. Please refer to it for identification of parts and assembly assistance. Also refer to page 6 to assure that all parts are included in your kit.

Windshield Adjustment. If your windshield frame is improperly adjusted, the top will not fit or function properly. Adjust windshield frame as shown in figure 1. Measure from inside edge of windshield frame to inside edge of body near tailgate opening. This measurement should be 66 1/2". This measurement within 3/8". If windshield is out of adjustment you may have to adjust the mounting points

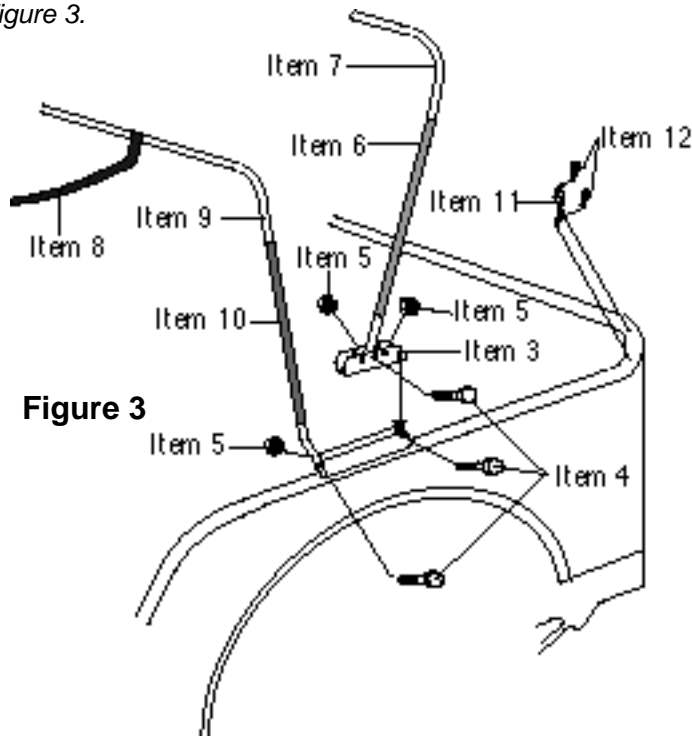
Figure 1



Step 1. Bow Mount. Measure 37 1/2" from dash to the top of body and mark a line. This is for the positioning of the bow mount bracket (Item 1). Place front of bow mount bracket on this line. Using the bow mount as a template, mark and drill 5/32" holes in top center of body flange. Secure to body with #14 x 1/2" sheet metal screws (Item 2), making sure that one set of holes in bow mount hang over the inside edge of body. See figure 2. Repeat for the other side.

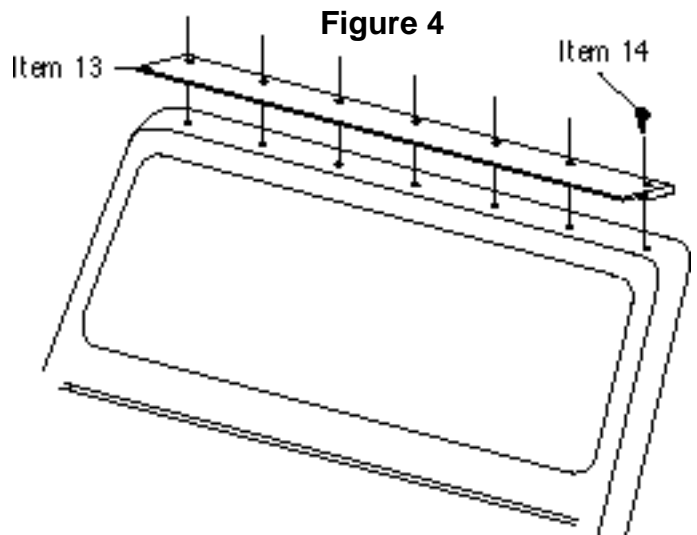


Step 2. Bow Installation. Place rear bow lock (Item 3) into rear of bow mount with three sets of holes to the front of vehicle. Place 1/4-20 x 1 1/2" hex bolts (Item 4) through bow mount and bow lock, and secure with 1/4-20 lock nut (Item 5). These items must pivot, so do not over tighten. Repeat for other side. Place rear bow covers (Item 6) over rear bow halves (Item 7). Slide bow halves together. Place rear bow into center set of holes in rear bow lock. Fasten with 1/4-20 x 1 1/2" hex bolts (Item 4) and 1/4-20 lock nuts (Item 5). Again these items must pivot, so do not over tighten. Repeat for other side. Place center strap (Item 8) over front bow half (Item 9). Slip front bow covers (Item 10) over front bow halves. Place front bow into front of bow mount. Place 1/4-20 x 1 1/2" hex bolt through bow mount and front bow. Secure with 1/4-20 lock nut. Tighten only enough to allow bow to pivot. Repeat for other side. See figure 3.



Step 3. Footman Loops. Place footman loop (Item 11) at rear corner of vehicle. Using footman loop as a template, mark and drill 1/8" holes. Secure to body with #8 x 1/2" sheet metal screws (Item 12). Repeat for other side. Place footman loop at inside top center of windshield frame. Using footman loop as a template, mark and drill 1/8" holes and secure to frame with #8 x 1/2" sheet metal screws. If there is a footman loop already in place, disregard this step. See figure 5.

Step 4. Slot Installation. Center windshield slot (Item 13) from side to side on top of windshield frame. Using windshield slot as a template mark and drill 1/8" holes. Secure slot to windshield frame with #10 x 1/2" sheet metal screws (Item 14). See figure 4.



Step 5. Horizontal And Vertical Rods. Place front of horizontal rod (Item 15) into bracket on windshield frame. On M38 models the bracket may need to be bent in at a 90 degree angle to be the same as a CJ-3A. There are left and right horizontal rods. The right is identified by having a white mark at one end. The washer on the rod will be closest to the front bow when installed. The washer should also be at the bottom of the rod and to the inside of the vehicle. Measure 30 1/2" from dash and mark a line on top of body flange. Drill a 1/2" hole centered from side to side. Put one end of vertical rod (Item 16) into 1/2" hole drilled in body and the other end into washer welded on horizontal rod. Pull front bow forward and put rear of horizontal rod into lower hole. Repeat for other side. Thread center strap through footman loop mounted on windshield frame and tighten.

Step 6. Top Installation. Place convertible top vinyl side down on hood of vehicle. Unfold top. Place sewn in plastic at front of top into windshield channel (Item 17). Place flat portion of channel into slot on top of windshield frame (see figure 6-A). Flip top over support bows. Snap rear bow flap to rear bow. Snap the outer most snap first then work to the center of bow. The extreme outside snaps on the rear bow will not be used on this application. Pull side panels and rear curtain down to meet the top of the body. Wrap flaps around horizontal and vertical rods and fasten hook and loop together. Pull rear bow into locked position. See figure 6-A & 6-B. Close zippers at each side of the rear curtain.

If your vehicle is equipped with original equipment bow pockets they will need to be removed for a proper fitting top. Measure 1/8" over, toward center of vehicle, from rear vertical seam and 3/4" down from top of body for location of first snap stud. Mark and drill 1/8" hole. Install sheet metal screw stud (Item 18). Repeat for the other side. Snap the last snap on side panels to these snap studs. Continue installing studs alternating from left to right as you snap the top to each stud. Pull forward and down on side panels to find each snap stud location using snaps on side panels as a guide. See figure 5.

There are two sets of flaps on the rear curtain. If your vehicle has no tailgate you will use the inside flap. If your vehicle is equipped with a tailgate you will use the outside flap. Measure to find center of the tailgate area. Pull on center snap on rear curtain to align with center line of tailgate. Mark and drill 1/8" hole. Install sheet metal screw stud. Snap rear curtain to stud. Continue installing snap studs pulling down and to the side alternating left to right, using snaps on rear curtain as a guide.

Thread buckle straps through footman loops and tighten. Do not over tighten as damage may result. These straps are for keeping tension on the rear bow when the side panels and rear curtain are rolled up.

There will be a snap at the forward edge of the flap that wraps around the horizontal rod. Use this snap as a guide mark and drill 1/8" hole. Install a sheet metal screw stud and snap flap to stud. Repeat for the other side.

Pull forward and down at front corners of top at the windshield frame. Mark and drill 1/8" holes using snap on top as a guide. Install sheet metal screw studs and snap flaps to stud. These snaps pull the drip rails taught to keep water from running down into the door openings. See figure 6-D.

Figure 5

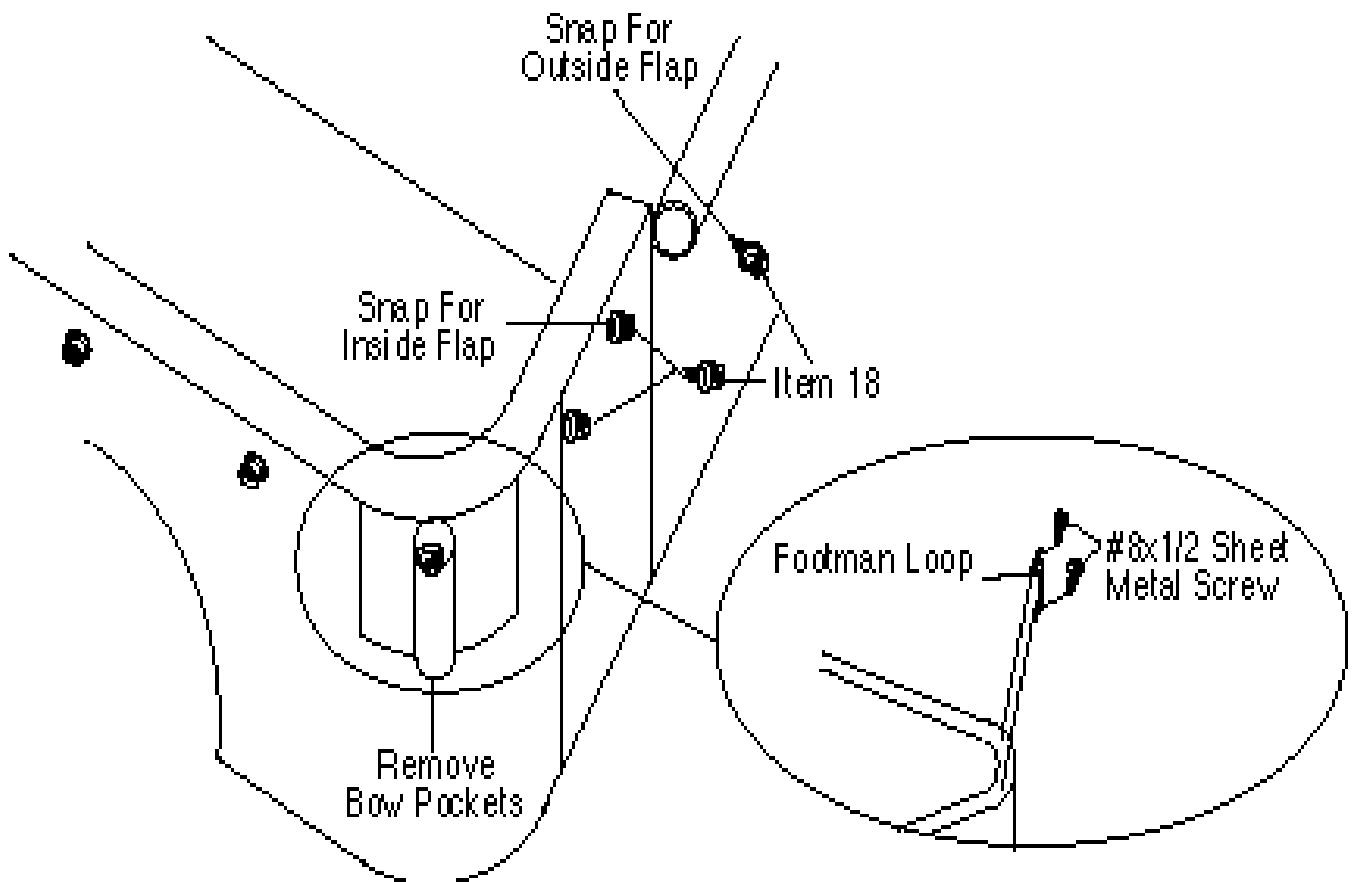
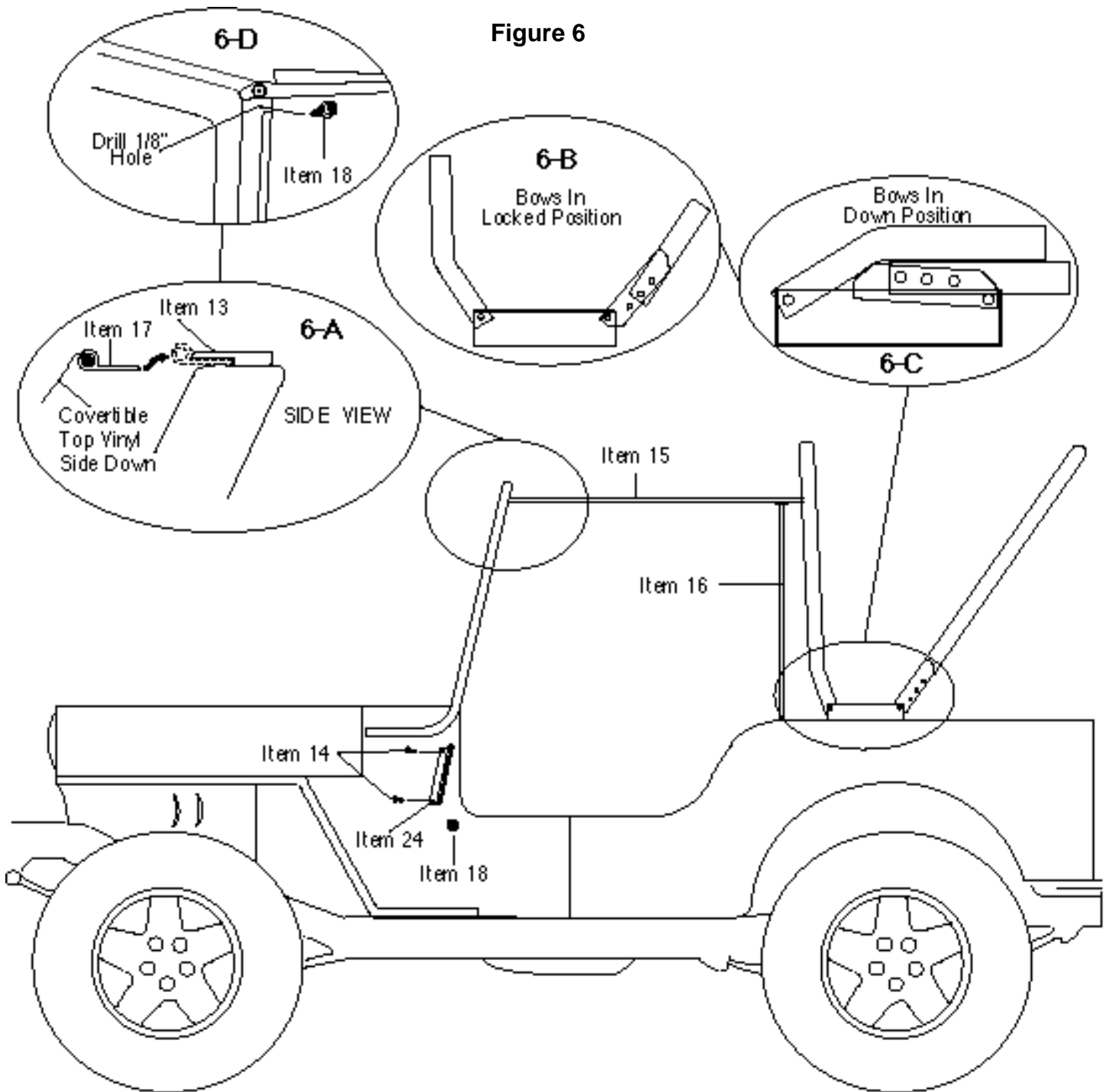


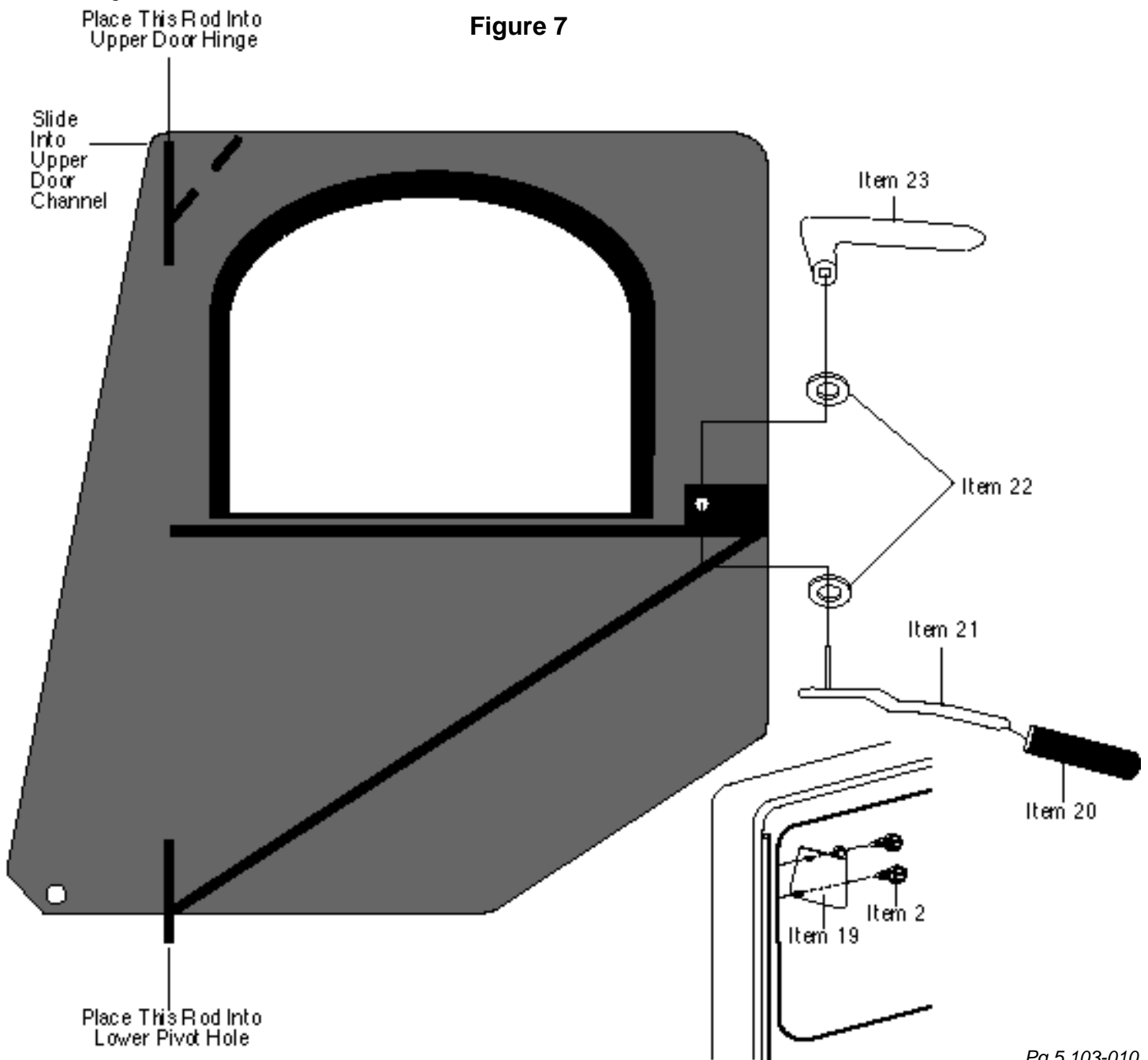
Figure 6



Step 6. Install Doors. Place square peg on inside door handle (Item 21) through 3/8" washer (Item 22) and through inside hole in door. Place another 3/8" washer over peg, on outside of door, and slide on outside door handle (Item 23) over peg and tighten set screw in handle. Both inside and outside handles should point to rear of vehicle. See figure 7. Slide sewn in rope, on front of door, into channel on windshield frame. On M38 models you will need to cut the 36" channel provided with the hardware kit and install it on the windshield frame and on the body for the lower portion of the door. Place end of rod at top of door into upper door hinge. On M38 models you will need to install upper door hinges (item 19) on the inside of the windshield frame. With the door in the vertical position place upper door hinges over top rod on door frame. Mark and drill holes using hinge as a template. Secure to windshield frame with #14 x 1/2" sheet metal screws (Item 2). Place rod at bottom of door into original door pivot hole in top of body flange and pull down until door rests on top of door opening. If your vehicle does not have this hole you will need to drill a 3/8" hole using the door, in the vertical position, as a guide to find the proper hole location. Close door. Due to inconsistencies in vehicle manufacturing slight bending modifications may be needed for proper fit in door opening. Bend frame a little at a time until door fits properly in door opening.

On CJ-3B models you will need to install 13" door channel (Item 24) onto body by sliding it onto sewn in rope on lower part of the door and pulling forward and down on channel to smooth fabric. Using the channel as a template, mark and drill 1/8" holes. Secure channel to body with #10 x 1/2" sheet metal screws (Item 14). Again pull forward and down to find the position for the snap stud at bottom front of door. Mark and drill 1/8" hole and install snap stud (Item 18). Snap door to stud. See figure 7.

Figure 7



Parts Identification And Requirements

Item 1
Bow Mount Bracket
2 Required



Item 2
#14 x 1/2" Sheet Metal Screw
8 Required



Item 3
Rear Bow Lock
2 Required



Item 4
1/4-20 x 1 1/2" Hex Bolt
6 Required



Item 5
1/4-20 Lock Nut
6 Required



Item 7
Rear Bow
1 Left Shown - 1 Right

Item 6
Rear Bow Sleeve -Long
2 Required

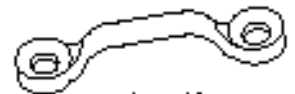
Item 8
Center Strap
1 Required



Item 9
Front Bow
1 Left Shown - 1 Right

Item 10
Front Bow Sleeve -Short
2 Required

Item 11
Footman Loop
3 Required



Item 12
#8 x 1/2" Oval Head Sheet Metal Screw
6 Required



Item 15
Horizontal Rod
1 Right-Marked, 1 Left



Item 16
Vertical Rod
2 Required

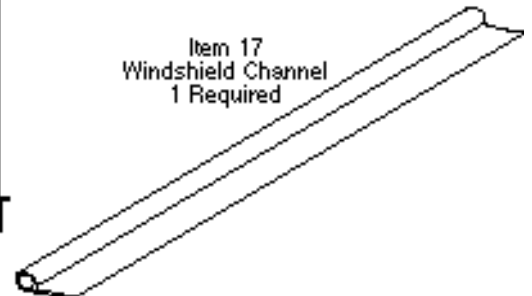


Item 13
Windshield Slot
1 Required

Item 14
#10 x 1/2" Sheet Metal Screw
1 Required



Item 17
Windshield Channel
1 Required



Item 18
Screw Stud
25 Required



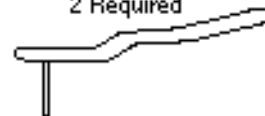
Item 19
Upper Door Hinge
1 Left Shown, 1 Right
(M38 Models Only)



Item 20
Inside Handle Cover
2 Required



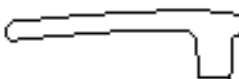
Item 21
Inside Handle
2 Required



Item 22
3/8" Flat Washer
4 Required



Item 23
Outside Handle
2 Required



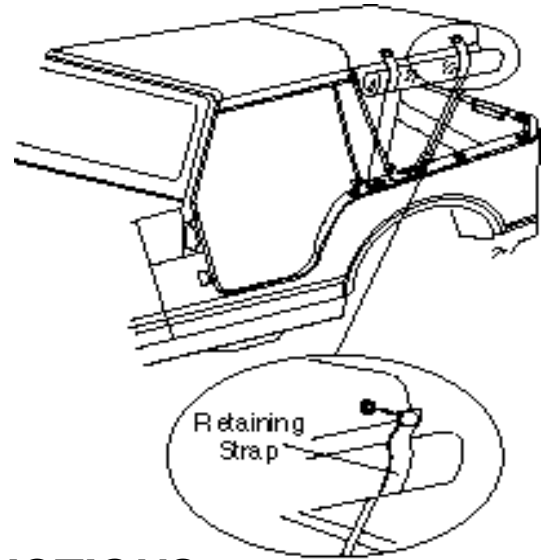
Item 24
13" Channel
2 Required
(CJ-3B Models Only)



36" Door Channel
2 Required
(M38 Models Only)

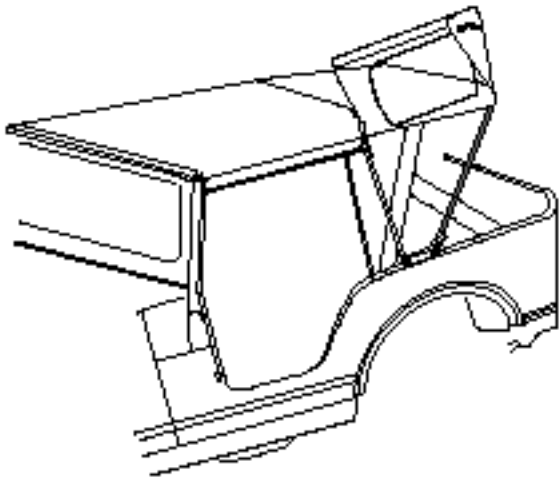


Rolling up side curtains. Before rolling up panels, clean windows with a mild non-detergent soap and water. If windows are not clean, dirt will scratch them reducing top life. To roll up the side curtains you must unlock the rear bow. Unfasten snaps, back to front, unzip rear curtain and roll up the side curtain as shown. Lock rear bow. Secure with retaining straps. It is recommended that you use a soft cloth between windows and retaining straps to prevent marring. You can also roll up the rear curtain following the same procedure. If you do not want to roll up the rear curtain you can pull it forward and snap the inside flap to the front bow.

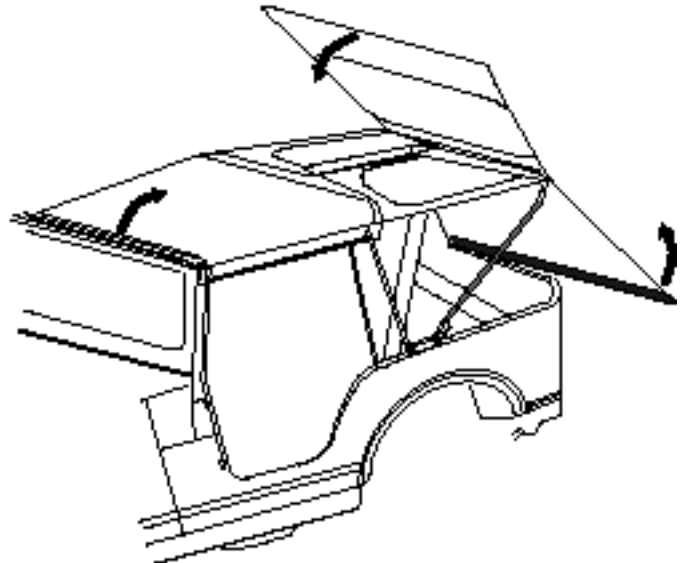


FOLDING INSTRUCTIONS

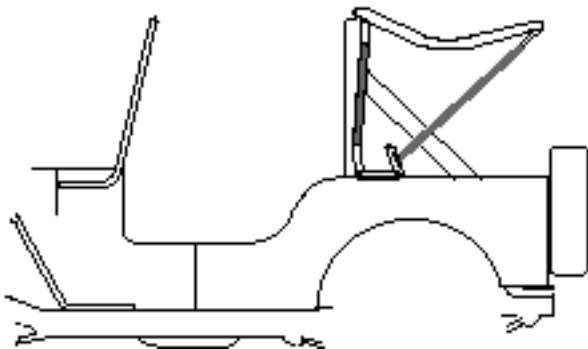
Step 1. Unlock rear bow and unfasten snaps. Lift side curtains and lay flat on top.



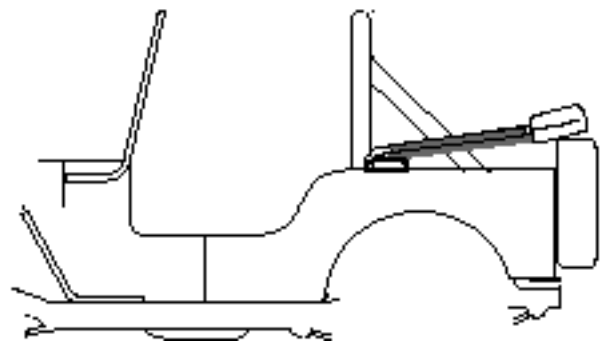
Step 2. Lift rear curtain up and place it on top of side curtains. Remove channel from windshield slot.



Step 3. Remove horizontal and vertical rods. As you pull the top back, let the top sag between the front and rear bows.



Step 4. Let the top come to rest at rear of vehicle. A convertible boot is available to protect your top while in the down position.



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. 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., 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.