



SPECIALTY TOP CO.

INSTALLATION INSTRUCTIONS TOYOTA FAST TRAC Z TOP Toyota FJ-40 1963-1983 PART #222-31X

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

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 tubes are in place but you still can not obtain the proper measurement additional shims may be needed between the windshield frame and the body. See figure 1.

INSTALLATION TIPS

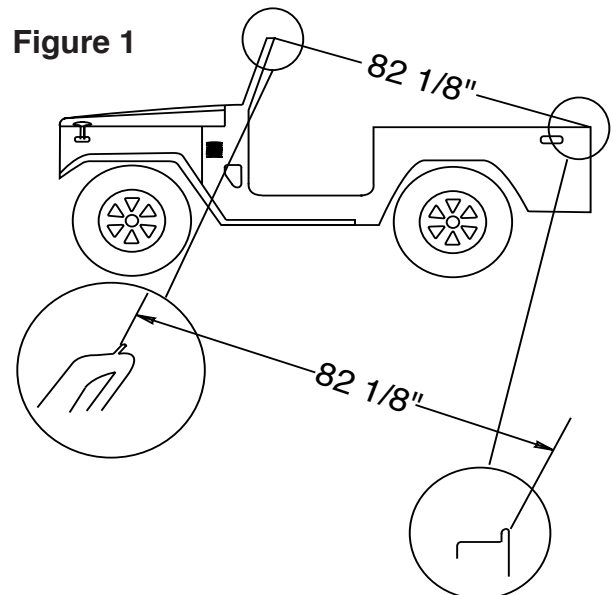
Before you begin installing this top, here are a few tips to make installation easier.

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.

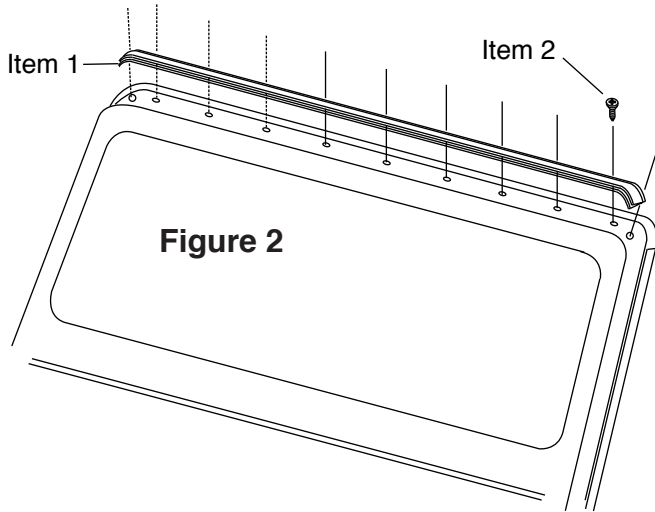
It is normal for a top to contract and wrinkle when stored in the shipping carton. The top will relax and wrinkles will disappear within a few days of installation as fabric adjusts to shape of mounting hardware.

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.

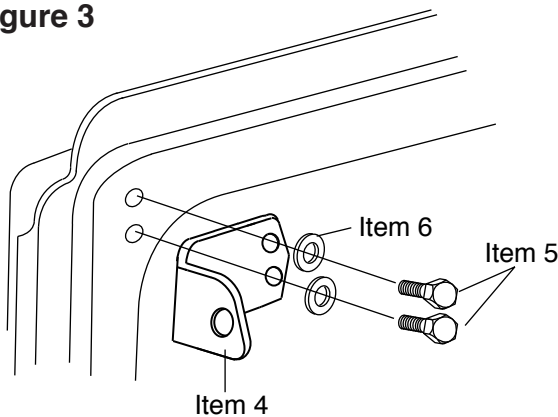


Step 1. Windshield Slot. Center Windshield slot (Item 1) from side to side on top of windshield frame. Mark and drill 1/8" holes using windshield slot as a template. Secure with #10 x 1/2" sheet metal screws (Item 2) through windshield slot and into windshield frame. See figure 2.



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

Figure 3



Step 3. Belt Rails And Corner Plate. Place belt rail (Item 8) 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 7) through #12 flat washer (Item 5), belt rail 5/8" spacer tube (Item 9) and into existing threaded hole on body. Butt rear corner plate (Item 10) 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 11) through #12 flat washer, corner plate, 5/8" spacer tube and into holes. Tighten all fasteners. See figure 4.

Step 4. 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 13) 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 6) through holes in bow mount. Repeat for the other side. See figure 5.

Step 5. Tailgate Channel and Tailgate Clips. With the opening of the channel facing down, center the tailgate channel (Item 21) from side to side on the tailgate, even with the top of the tailgate. Using tailgate channel as template, mark and drill 4-1/8" holes. Secure with #10 x 1/2" sheet metal screws (Item 2) through tailgate channel and into tailgate. See figure 6. Next, place one of the tailgate clips (Item 12) even with the top of the body, open side of the clip down, 1/4" outside of the opening for the tailgate. Using the tailgate clip as a template, mark and drill 2-1/8" holes. Secure with #10 x 1/2" sheet metal screws (Item 2). Repeat for the other side of the tailgate. See figure 5.

Step 6. Rear Bow And Bow Lock. Mount the rear bow lock bracket (Item 14) through the rear slot of the bow mount bracket. Place 1/4-20 x 1 3/4" bolt (Item 15) through 1/4" flat washer (Item 16) 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 17). These items must pivot, so tighten only enough so that they will still function. Slip bow covers over rear bow halves (Item 18). Slide rear bow halves together (Item 18). Install rear bow to center hole in bow lock bracket with 1/4-20 x 1 1/2" hex bolt (Item 19) through bracket, rear bow, and the other side of the lock bracket. Secure with 1/4-20 locknut.(Item 17) These items must pivot so do not overtighten. Repeat for other side. See figure 6.

Step 7. Front Bow. Slip bow covers over front bow halves (Item 20) and slide front bow halves (Item 20) together. Insert vertical rod into hole in door post (see figure 7-G) and attach horizontal rod to horizontal rod bracket (see figure 7-A) with horizontal rod inside of horizontal rod bracket using 5/16" x 3/4" bolt (Item 22) inserted through horizontal rod bracket from outside of vehicle, through the horizontal rod, and secure with 5/16" wing nut (Item 23). Place bottom of front bow into bow mount and assemble using 1/4-20 x 1 3/4" bolt (Item 15) through 1/4" flat washer (Item 16) 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 (Item 17). Once again these items must pivot . Repeat for other side. See figure 6.

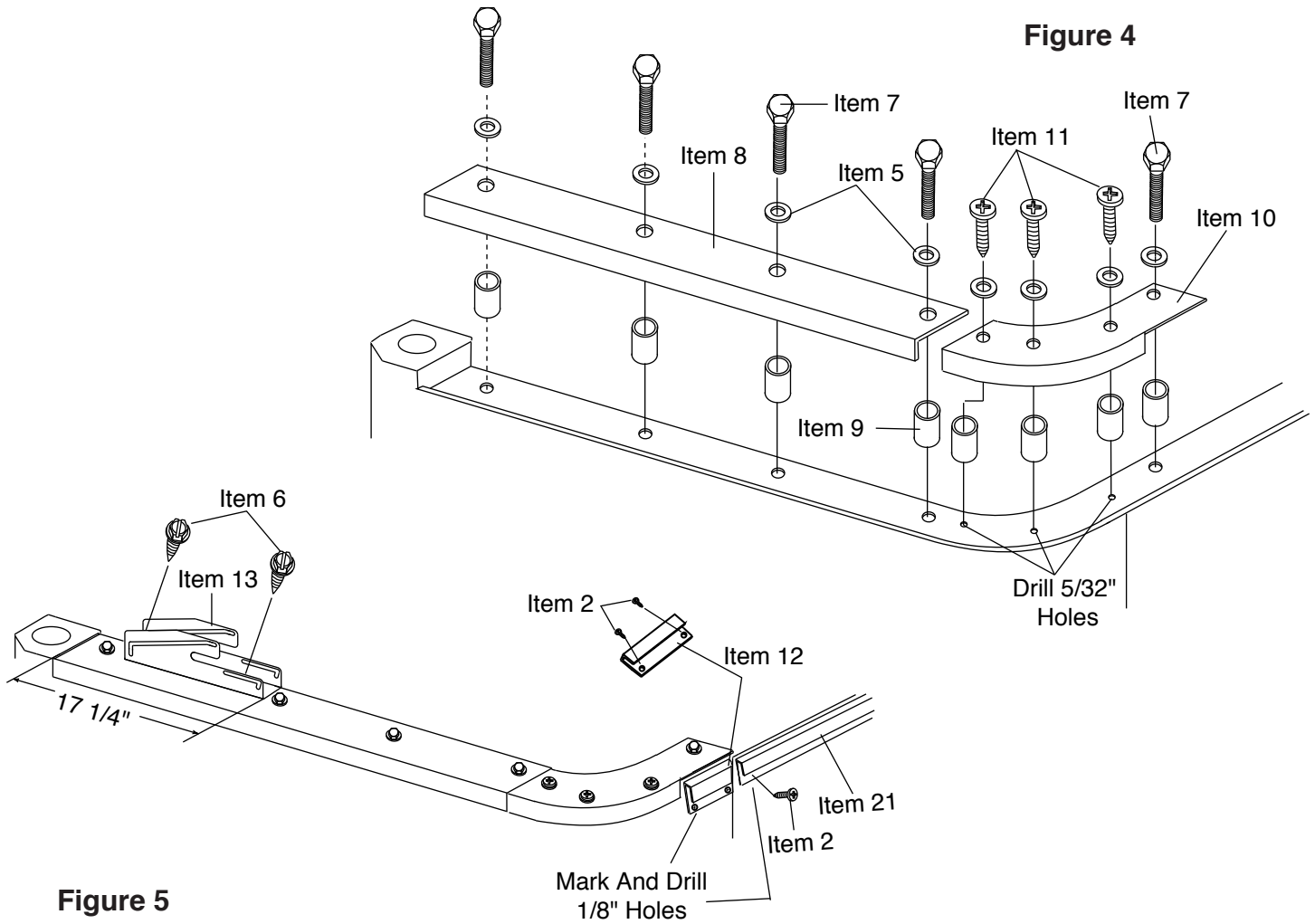


Figure 5

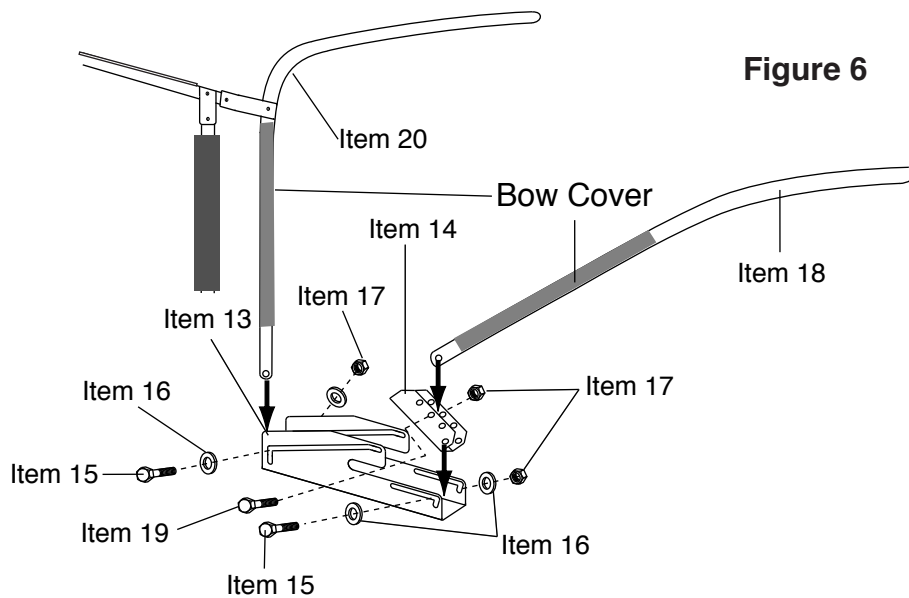
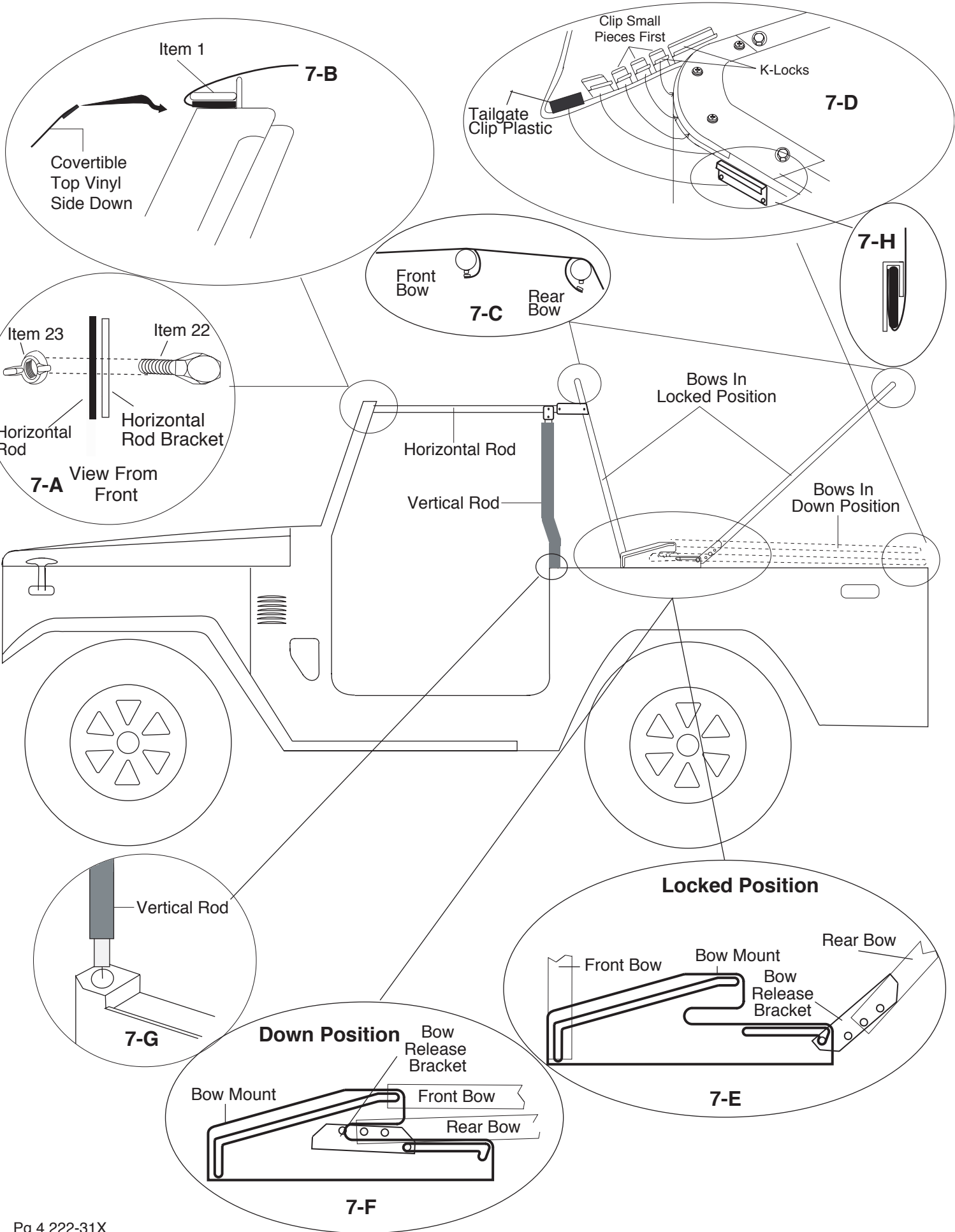
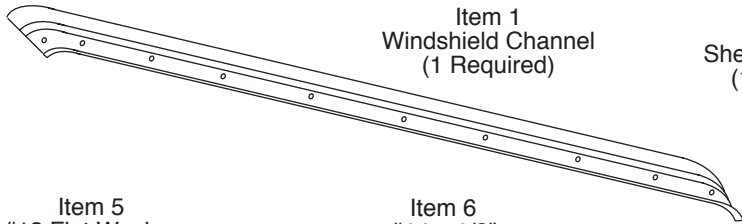


Figure 6

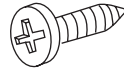


Parts Identification And Requirements

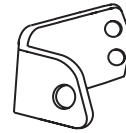


Item 1
Windshield Channel
(1 Required)

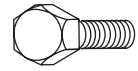
Item 2
#10 x 1/2"
Sheet Metal Screw
(19 Required)



Item 3
Horizontal Rod Bracket
(1 Left Shown - 1 Right)



Item 4
M6x12MM Hex Bolt
(4 Required)



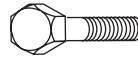
Item 5
#12 Flat Washer
(20 Required)



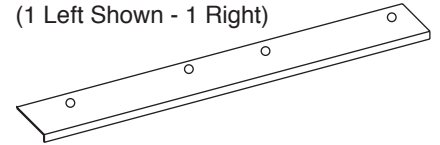
Item 6
#14 x 1/2"
Sheet Metal Screw
(4 Required)



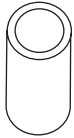
Item 7
M6x35MM Hex Bolt
(10 Required)



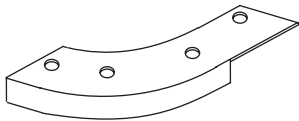
Item 8
Belt Rail
(1 Left Shown - 1 Right)



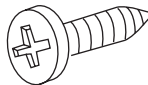
Item 9
Spacer Tube
(16 Required)



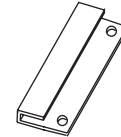
Item 10
Corner Plate
(1 Left Shown - 1 Right)



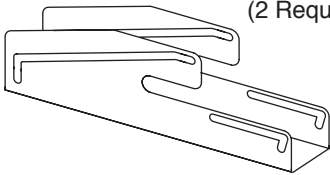
Item 11
#14 x 1"
Sheet Metal Screw
(6 Required)



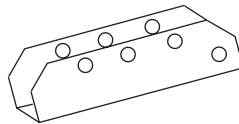
Item 12
Tailgate Clip
(2 Required)



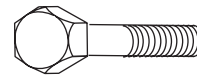
Item 13
Bow Mount Bracket
(2 Required)



Item 14
Rear Bow Lock
(2 Required)



Item 15
1/4-20 x 1 3/4"
Hex Bolt
(4 Required)



Item 16
1/4" Flat Washer
(12 Required)

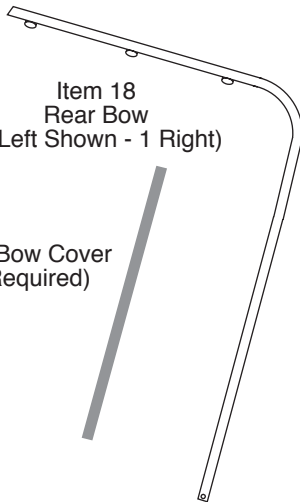


Item 17
1/4-20 Lock Nut
(6 Required)

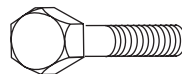


Item 18
Rear Bow
(1 Left Shown - 1 Right)

Rear Bow Cover
(2 Required)

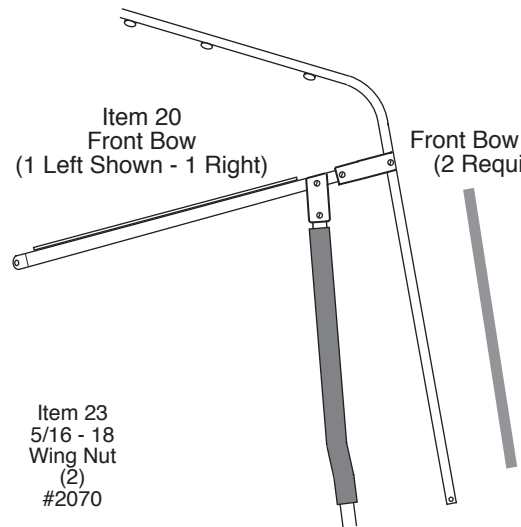


Item 19
1/4-20 x 1 1/2"
Hex Bolt
(2 Required)

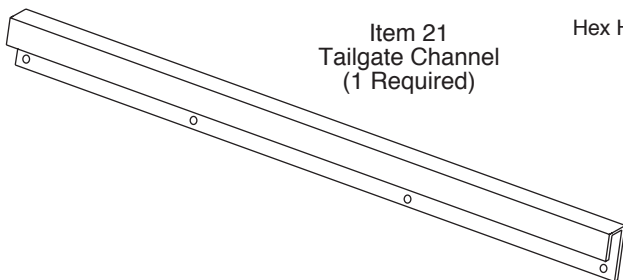


Item 20
Front Bow
(1 Left Shown - 1 Right)

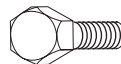
Front Bow Cover
(2 Required)



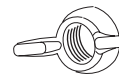
Item 21
Tailgate Channel
(1 Required)



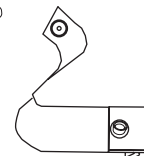
Item 22
5/16 x 3/4
Hex Head Cap Screw
(2)
#2321



Item 23
5/16 - 18
Wing Nut
(2)
#2070



Item 24
Bow Tie Down Strap
(2)



Fabric Installation

1. Place convertible top, vinyl side down, on hood of vehicle. Insert front of top into channel (Item 1) on top of windshield. See figure 7-B. Center left to right. Flip the top over windshield and bows.

2. Place rear bow in unlocked position. Snap rear bow flap (inside the top) onto the rear bow, snap front bow flap onto the front bow. See figure 7-C.

3. Insert tailgate clip plastic into the tailgate clip. See figure 7-D and 7-H. Repeat for other side.

4. Temporarily, place loop at rear of side panel into hook at rear section of vinyl top. This assists in zipping the side panel into the top. Starting at door opening, zip side panel to top to just beyond curve. Tuck upper edge of side panel under deck side cord. Tuck in side panel corner to lie flat. Detach hook and loop. Repeat for other side. Pull side panel front edge firmly. Wrap vertical rod flaps around vertical rods, centering bound edge along vertical rod, and press hook and loop together. Tuck flaps at top of door opening into channels on horizontal rods. See Figure 8. Clip all of the side panel and rear panel K-locks to belt rail. See figure 7-D.

5. Starting at lower driver's side of tailgate opening, zip in rear curtain. Center rear curtain from side to side. Tuck sewn in plastic at bottom of rear curtain into tailgate channel (Item 21). See figure 7-H.

6. Unzip each side of rear curtain. Reach into vehicle and pull each side of rear bow to rear into locked position. See figure 7-E. Close zipper at each side of rear curtain.

7. Reach through side panel openings and attach rear curtain velcro tab to rear panel velcro tab.

8. Zip side panels all the way down, and tuck rear edge of side panel under the rear panel. Attach the hook and loop on side panels and rear curtain. Check and make sure the K-locks are all engaged.

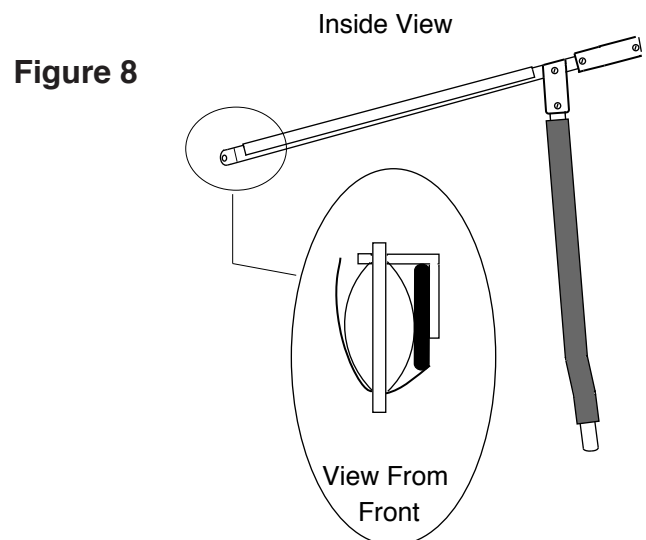
Folding Instructions

1. Unlock rear bow. Remove side panels and rear curtain. Unfasten K-locks on rear corners and remove tailgate clip plastic from tailgate clips. Lift rear corners of top and fold onto top of top. Remove front of top from windshield channel and fold front deck on top of the top.

2. Remove horizontal rods from their brackets and lift vertical rods from their holes in body. Let the top sag between the front and rear bows as you pull back on the front bow to the rear of the vehicle.

3. Lay the top down making sure that the rear bow release bracket is to the front of its slot in the bow mount bracket and that the front bow is all the way to the rear of its slot in the bow mount. See figure 7-F. The convertible top should come to rest in front of the spare tire. Clip the bow tie-down strap (Item 24) to the flange of the belt rail, slip the snap end of the strap under the stack of bows and rods, wrap the strap over the stack, and snap the snap in the end of the strap to the stud on the hook end of the strap. Repeat for the other side.

4. Rolling and storing side panels and rear curtain. Your top comes with two bags for storing these items. The side panels are rolled together and stored in one bag and the rear curtain is rolled and stored in the other bag. Before these panels are rolled and stored, they should be cleaned, as even a little dirt will scuff the windows. We also recommend that these windows be rolled with soft cloths between them and on either side of the package to protect them. They should not be left rolled up for extended periods of time as they will build heat and that will ruin the windows. If you roll them up at the beginning of the summer and leave them that way until fall, the windows will be destroyed.



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.

