



INSTALLATION INSTRUCTIONS

SCOUT 80/800 '61-'70

PART #441-210

KAYLINE MFG.

Thank you for purchasing Kayline's Convertible Top for your Scout. 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 |

Step 1. Bow Mount. Measure 25 3/4" from the body seam at corner and mark a line on raised level of the body. The rear of the bow mount (Item 1) will be positioned on this line. Using bow mount as a template, mark and drill 5/32" holes. Only one front and one rear hole of bow mount will be used. Secure bow mount to body with #14 x 1/2" sheet metal screws (Item 2). Repeat for the other side. See figure 1.

INSTALLATION TIPS

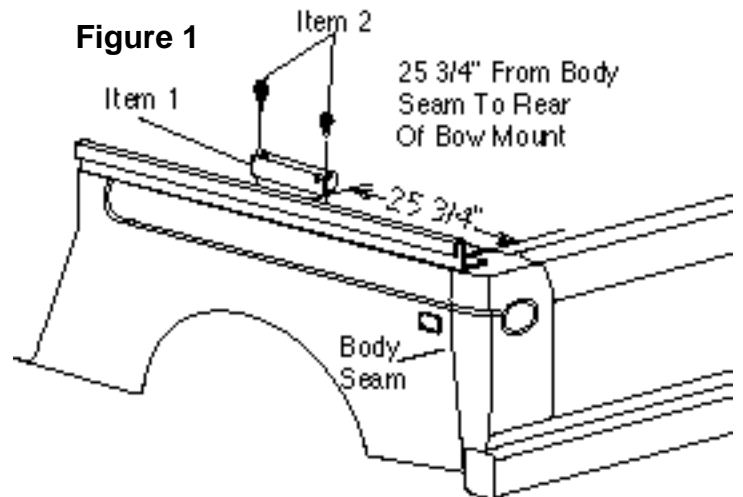
Before you begin installing this top, here are a few tips to make installation easier.

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 2. Belt Rails. Locate rear belt rail (Item 3) on top of body. Belt rail should remain parallel with inside edge of body. Using existing holes on top of body, place 1/4-20 x 3/4" hex bolts (Item 4) through 1/4" flat washers (Item 5), belt rail and into mounting holes in body. Secure with 1/4-20 hex nut (Item 6). Place front belt rail in front of rear belt rail and secure to body in the same manner. Repeat for the other side. See figure 2.

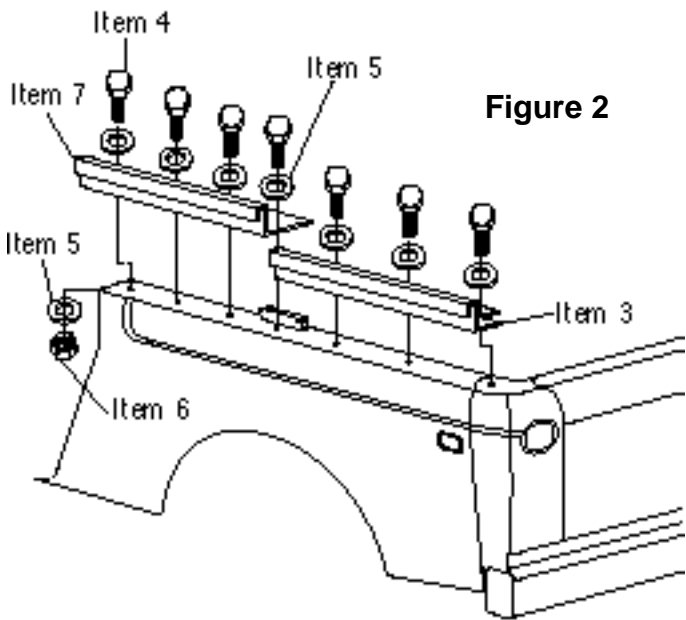
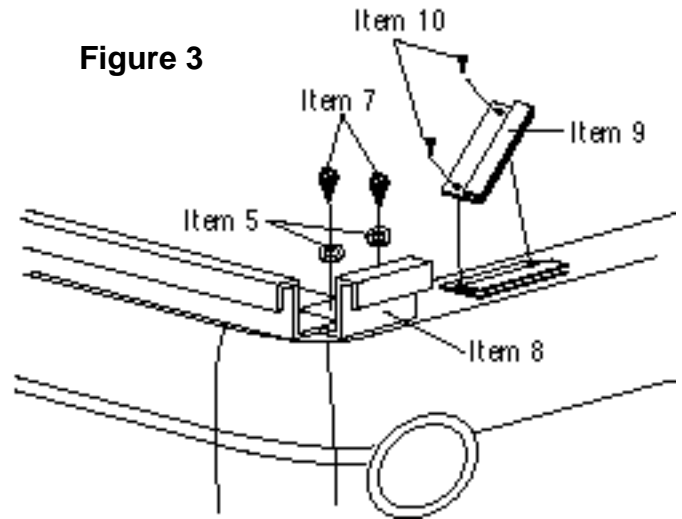


Figure 2

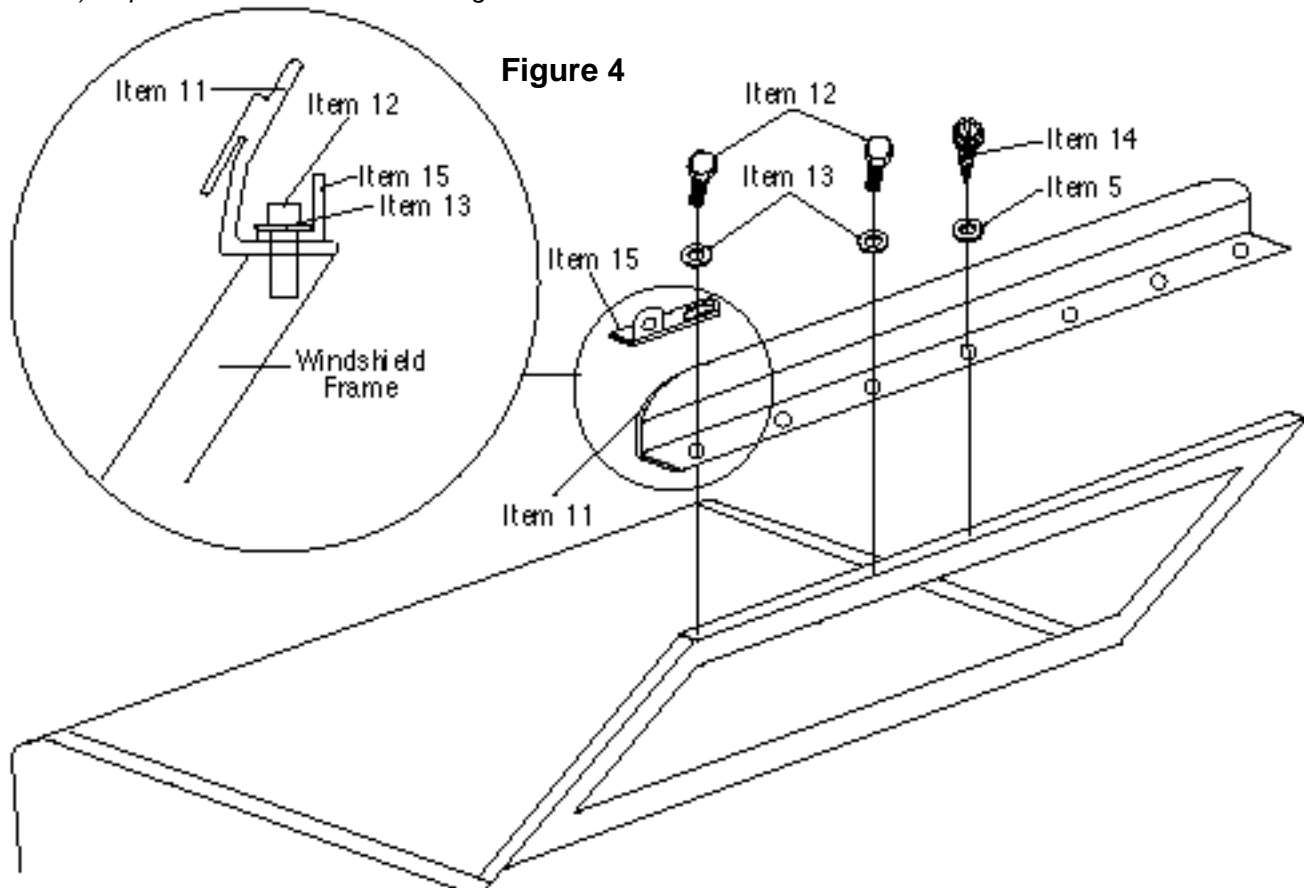
Step 4. Riser. Position riser (Item 11) on top of windshield frame and center it from side to side. Place 5/16-24 x 3/4" hex bolts (Item 12) through 5/16" flat washers (Item 13) and into threaded holes in windshield frame. On each end of the riser you will need to install horizontal rod brackets (Item 15). The large hole in the horizontal rod bracket should be to the rear and inside of the vehicle. This bracket sits on top of the mounting surface on riser and is secured with the same fasteners that hold the riser in place. If your windshield frame is not equipped with threaded holes you will need to mark and drill 5/32" holes using the riser as a template. Secure to windshield frame with #14 x 3/4" sheet metal screws (Item 14) through 1/4" flat washer (Item 5) and into windshield frame. See figure 3.

Figure 3

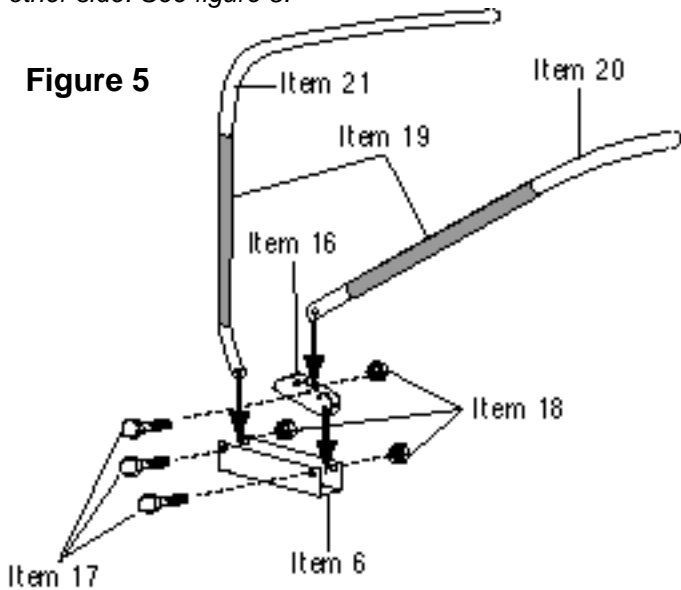


Step 3. Tailgate Clip. Align notch in rear body aluminum (Item 8) with notch in rear belt rail. Using rear body aluminum as a template mark and drill 5/32" holes. Secure to body with #14 x 1/2" sheet metal screws through 1/4" flat washers (Item 5), rear body aluminum and into body. Measure 3/4" from rear body aluminum and mark a line. Measure 3/4" from inside body edge and mark a line. Place tailgate clip (Item 9) on these lines, making sure that tailgate clip remains parallel with inside body edge. Using tailgate clip as a template, mark and drill 1/8" holes. Secure tailgate clip to body with #10 x 1/2" sheet metal screw (Item 10) Repeat for the other side. See figure 3.

Figure 4



Step 5. Bows. Secure bow release (Item 16) to rear set of holes in bow mount by placing 1/4-20 x 1 1/2" hex head bolt (Item 17) through one side of bow mount, bow release bracket and through other side of bow mount. Secure with 1/4-20 lock nut (Item 18) These items must pivot so do not over tighten. Repeat for the other side. Place bow sleeves (Item 19) over rear bow halves (Item 20). Place rear bow into bow release bracket. Place 1/4-20 x 1 1/2" hex head bolt (Item 17) through center holes in bow release bracket, rear bow and through other side of bow release bracket. Secure with 1/4-20 lock nut (Item 18). Again these items must pivot so do not over tighten. Place bow sleeves (Item 19) over front bow halves (Item 21). Place front bow into front holes in bow mount with large holes in front bow are facing forward. Secure to bow mount by placing 1/4-20 x 1 1/2" hex head bolt (Item 17) through one side of bow mount, front bow and through the other side of bow mount. Secure with 1/4-20 lock nut (Item 18). Again these items must pivot so do not over tighten. Repeat for the other side. See figure 5.



Step 7. Horizontal Rods. While pulling front bow forward, place front of horizontal rods (Item 22) into holes in horizontal rod bracket. Place the rear of horizontal rods into holes in front bow. See figure 6-D on page 4.

Step 8. Vertical Rods. Mark and drill 3/8" hole in body using large hole on front belt rail as a template. Remove washer and wing nut from vertical rod (Item 23). Place threaded stud on vertical rod through slot in horizontal rod. Attach vertical rod to horizontal rod with washer and wing nut previously removed. Repeat for other side. Right side vertical rod is marked white at the end that is placed into hole in body. See figure 6-G.

FABRIC INSTALLATION

Step 1. Channel Installation. Place top on hood of vehicle, vinyl side down. Slide sewn in rope (at front of top) into windshield channel (item 25). See figure 6-B. Slip channel into slot in riser. Flip top up and over bows. Snap rear bow flap to rear bow. See figure 6-C.

Step 2. Footman Loop. Place footman loop (Item 26) at an angle at rear corner of vehicle and on top of body aluminum. Using footman loop as a template mark and drill 1/8" holes. Secure footman loop to body with #8 x 1/2" sheet metal screws (Item 27). Thread buckle straps through footman loops. Tighten only enough to hold rear bow in place. See figure 6-H. If over tightened, it could cause top to tear or strap to be pulled from top.

Step 3. Top Installation. Starting at the rear, pull sewn in plastic down and into a position over rear body aluminum. Continue installing plastic clips onto belt rails from rear to front.

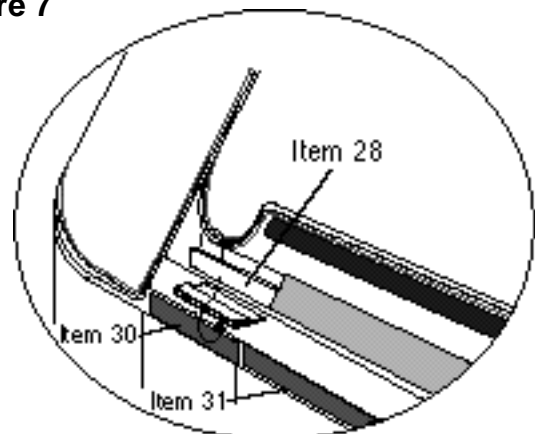
If top is too tight and you are unable to clip plastic to body aluminum it may be necessary to remove your horizontal and vertical rods to allow the front bow to fall forward and relieve tension on the top. After removing horizontal and vertical rods clip plastic to body aluminum. Once all plastic is clipped into place, push front bow to the rear and install horizontal and vertical rods. Then proceed as directed above. After initial installation the top should form to hardware and installation should become easier.

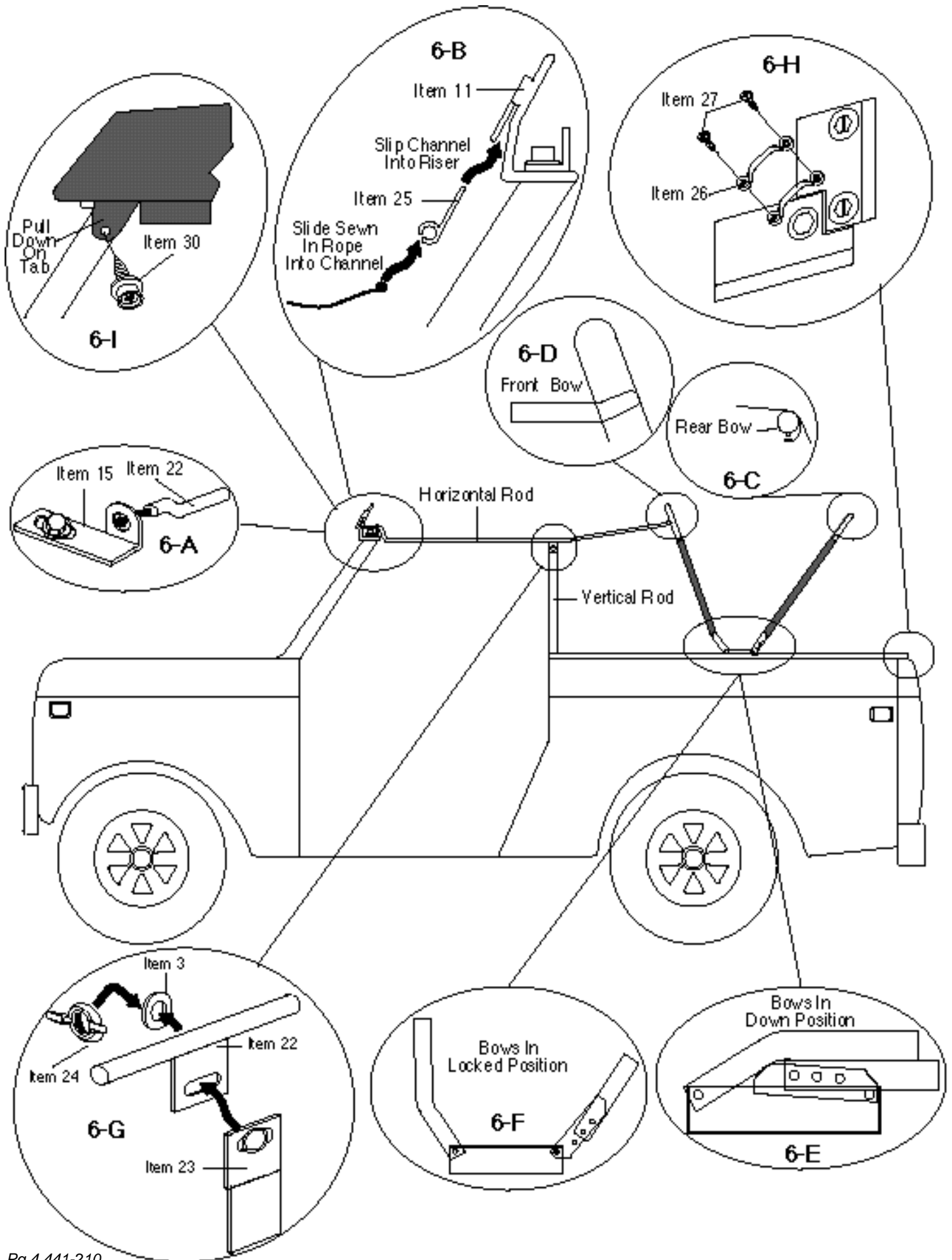
Step 4. Rod Flaps. Wrap horizontal rod flap around horizontal rod and press hook and loop together. Fasten loop on vertical or flap to hook on vertical rod.

Step 5. Tailgate Hook. Clean surface of tailgate and each side of tailgate. Place 4" piece of self adhesive hook (Item 30) on each side of tailgate. Use bottom of rear curtain as a guide for location. Place 40 1/2" piece of self adhesive hook (Item 31) on tailgate. Insert tailgate retainer (Item 28) into sewn in loop at bottom of rear curtain. Place each side of tailgate retainer into tailgate clips. Lock rear bow into place. See figure 6-F. Close zippers on each side. Press hook and loop together at tailgate.

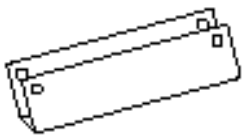

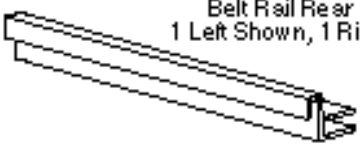



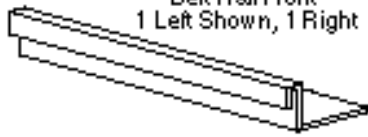



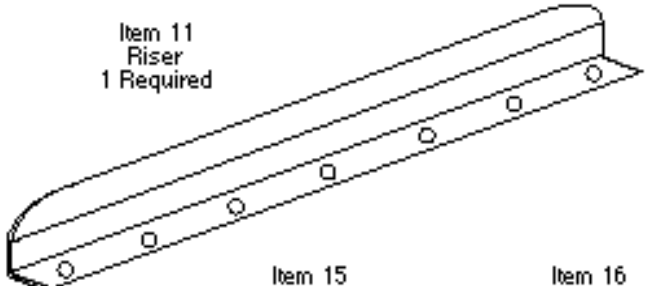








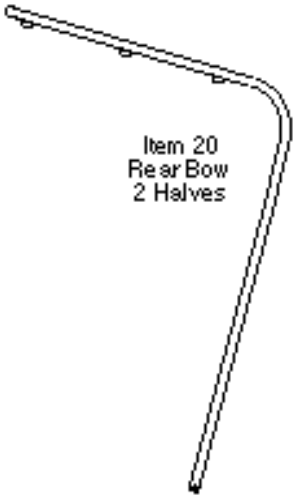
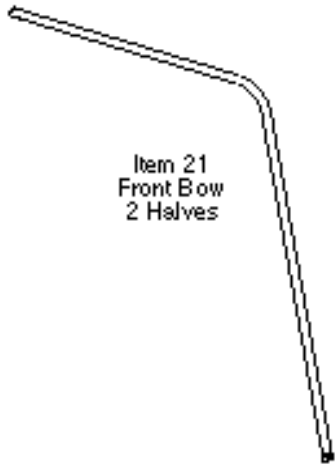
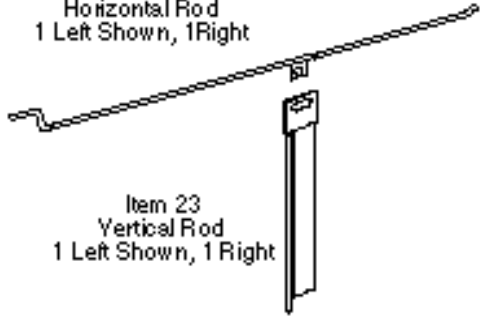

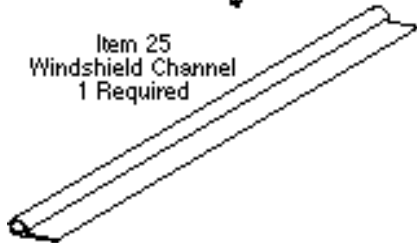

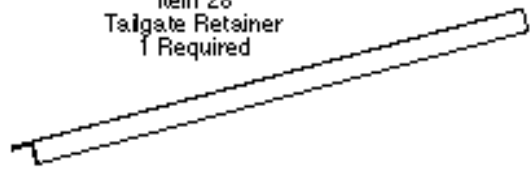
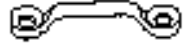



Step 6. Snap Stud At Windshield. Locate for snap stud (Item 29) by pulling forward and down on tab at front of convertible top. Mark and drill 1/8" hole. Install 3/8" sheet metal screw studs and snap top to studs. Repeat for the other side. See figure 6-I.

Figure 7





Parts Identification And Requirements

- | | | | | |
|---|---|--|---|---|
| <p>Item 1
Bow Mount Bracket
2 Required</p> | <p>Item 2
#14 × 1/2"
Sheet Metal Screw
8 Required</p> | <p>Item 3
Belt Rail Rear
1 Left Shown, 1 Right</p> | <p>Item 4
1/4-20 × 3/4"
Hex Bolt
14 Required</p> | <p>Item 5
1/4" Flat Washer
41 Required</p> |
|  |  |  |  |  |
| <p>Item 6
1/4-20 Hex Nut
14 Required</p> | <p>Item 7
Belt Rail Front
1 Left Shown, 1 Right</p> | <p>Item 8
Body Aluminum Rear
1 Left Shown, 1 Right</p> | <p>Item 9
Tailgate Clip
2 Required</p> | <p>Item 10
#10 × 1/2"
Sheet Metal Screw
4 Required</p> |
|  |  |  |  |  |
| <p>Item 11
Riser
1 Required</p> | <p>Item 12
5/16-24 × 3/4"
Hex Bolt
7 Required</p> | <p>Item 13
5/16" Flat Washer
7 Required</p> | <p>Item 14
#14 × 3/4"
Sheet Metal Screw
7 Required</p> | |
|  |  |  |  | |
| <p>Item 15
Horizontal Rod Bracket
1 Left Shown, 1 Right</p> | <p>Item 16
Bow Release
2 Required</p> | <p>Item 17
1/4-20 × 1 1/2"
Hex Bolt
6 Required</p> | <p>Item 18
1/4-20 Lock Nut
6 Required</p> | <p>Item 19
Bow Sleeve
4 Required</p> |
|  |  |  |  |  |
| <p>Item 20
Rear Bow
2 Halves</p> | <p>Item 21
Front Bow
2 Halves</p> | <p>Item 22
Horizontal Rod
1 Left Shown, 1 Right</p> | <p>Item 24
5/16-18 Wing Nut
2 Required</p> | |
|  |  |  |  | |
| <p>Item 25
Windshield Channel
1 Required</p> | <p>Item 27
#8 × 1/2" Oval Head
Sheet Metal Screw
4 Required</p> | <p>Item 28
Tailgate Retainer
1 Required</p> | <p>Item 26
Footman Loop
2 Required</p> | |
|  |  |  |  | |
| | <p>Item 30
Self Adhesive Hook-4"
2 Required</p> | <p>Item 31
Self Adhesive Hook-40 1/2"
1 Required</p> | <p>Item 29
3/8" Sheet Metal
Screw Stud
2 Required</p> | |
| |  |  |  | |

Rolling Up Side Panels. It is possible to roll up your side panels and rear curtain to provide more ventilation in your vehicle. Prior to rolling up side panels or rear curtain you must first make sure that windows are clean. If not properly cleaned, dirt will scratch them reducing the life of your top. It is also recommended that you use a soft cloth between the windows and the retaining straps to prevent them from marring the glass. To clean the windows, wash them with a mild non-detergent soap and water. To roll up side panels first unzip rear curtain and unlock rear bow. Unfasten side panel from body aluminum, roll up side panel and secure with retaining strap. See figure 6. Lock rear bow and tighten buckle strap to retain tension on convertible top. Follow same procedure to roll up rear curtain, first removing tailgate retainer. You may roll up both side panels and rear curtain if you wish.

FOLDING INSTRUCTIONS

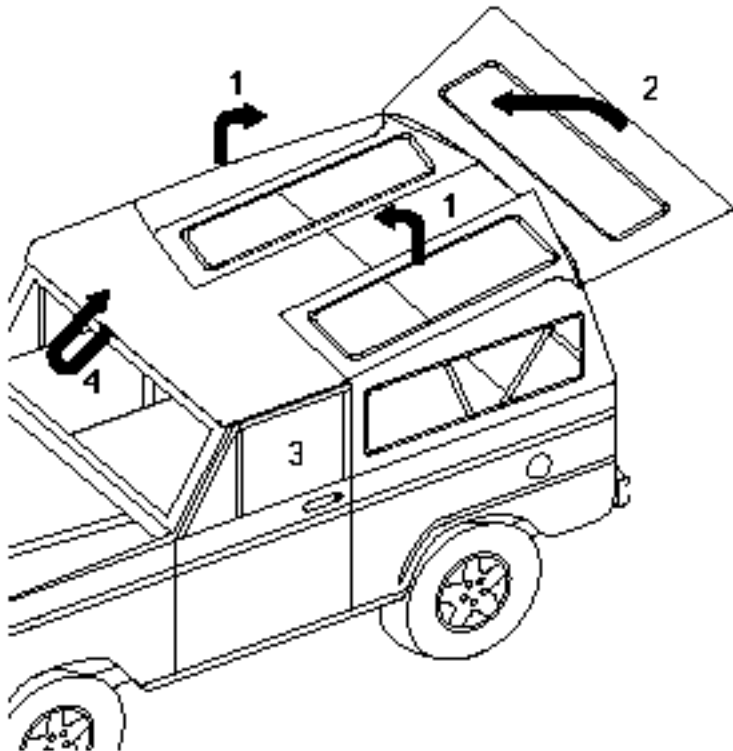
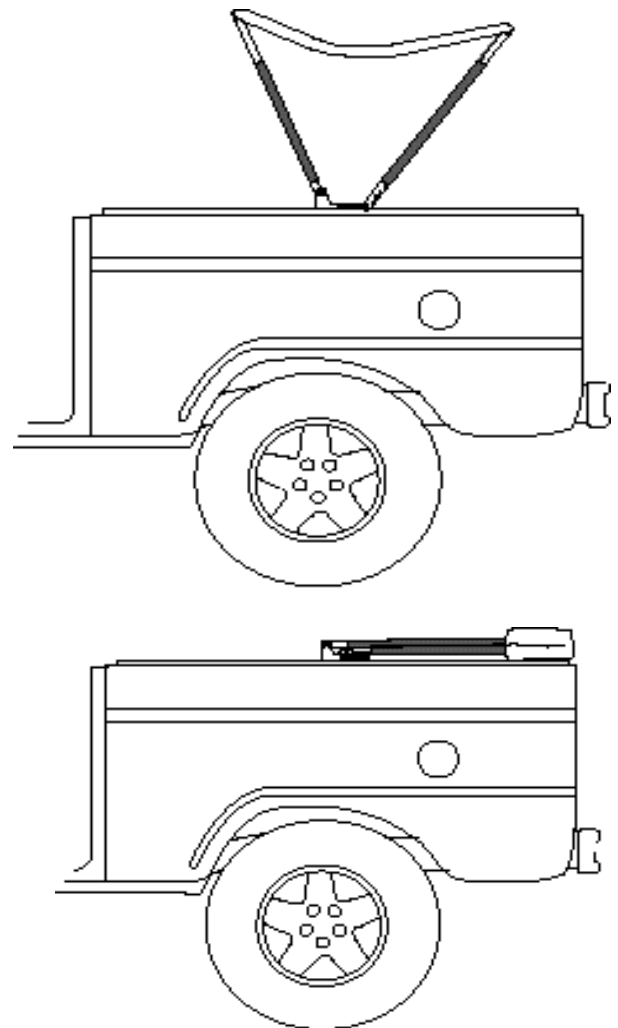
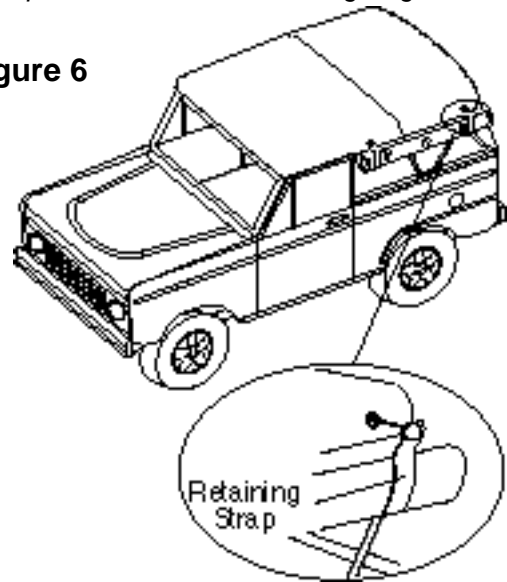
Step 1. Unlock rear bow and unfasten sewn in plastic from body aluminum. Lift side panels and fold on top of bows.

Step 2. Remove tailgate retainer. Lift rear curtain and fold on top of side panels (on top of bows).

Step 3. Remove horizontal and vertical rods. Fold front of top to the rear.

Step 4. As you pull the front of top to the rear of vehicle fold as you go until you have it neatly folded at the tailgate. A convertible boot is available from your dealer to enclose your top preventing it from getting dirty while in the down position. If you intend to leave the top down for an extended period of time it is recommended that you place a soft cloth between the windows and vinyl material to prevent window discoloring.

Figure 6



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:

Kayline 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 Kayline's discretion, of any assembly or parts which upon examination by Kayline proves to be defective. All defective items must be returned with proof of purchase to Kayline 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. Kayline'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 **KAYLINE 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 Kayline at 1-800-525-8118 between the hours of 8:00 AM and 5:00 PM, Monday through Friday, Mountain Standard Time.