



'Serving the Automotive Industry for over 35 years'

Handwritten notes: 'du', '273', '3707', and a star symbol.

Convertible Top Installation Instructions and Owner's Manual

MODEL: Toyota Land Cruiser, FJ40, 1964 - 1984 with Doors
without Doors

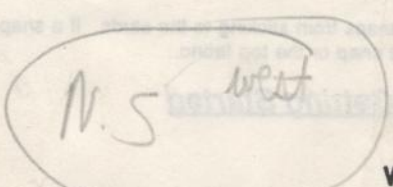
PART NUMBER 51043
51340

Congratulations on your purchasing decision. Bestop designed the Convertible Top to give you years of dependability and performance with proper care. If you encounter any problems during the installation of your Convertible Top, or at any later date, please contact our Consumer Response Department, Monday - Friday at 1-(800) 346-3910 or (303) 465-1755 in Colorado.

Note: Please read this manual thoroughly before beginning the installation. After completing installation, keep this manual for further reference.

Handwritten: 273-3158

Handwritten address: 9715 NE 128 ST
KIRKLAND 5
1405



Handwritten notes: 'South', 'NE 124', '15 min', 'west', '100 W/E', '98 WE', 'left at the', 'Books picture', 'magazine', 'check photo', 'In Hood', 'Lack'.

WARNING:

The top and doors on this vehicle are designed only for protection against the elements. Do not rely on the top and doors to contain occupants within the vehicle or to protect against injury during an accident.

WEAR SEATBELTS AT ALL TIMES

LIMITED WARRANTY

We warrant our product to be free from defects in material, for the terms specified below, provided there has been normal use and proper maintenance. This warranty applies to the original purchaser only. All remedies under this warranty are limited to the repair or replacement of any item or items found by the factory to be defective within the time period specified.

If you have a warranty claim, first you must call or write our factory at the address below for instructions. You must retain proof of purchase and submit a copy with any items returned for warranty work. Upon completion of warranty work, if any, we will return the repaired or replaced item or items to you freight prepaid. Damage to our products caused by accidents, fire, vandalism, negligence, misuse, Acts of God, or by defective parts not manufactured by us, is not covered under this warranty.

THE TERMS OF OUR WARRANTY ARE AS FOLLOWS: ALL "SOFT GOODS" MANUFACTURED BY OUR COMPANY (USING PRIMARILY VINYL, PLASTICS, AND/OR FOAM): 90 DAYS FROM DATE OF PURCHASE.

ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE CREATED HEREBY ARE LIMITED IN DURATION TO THE SAME DURATION AS THE EXPRESS WRITTEN WARRANTY. OUR COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE, INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM THE USE OF THE PRODUCT ON REPAINTED SURFACES (NON-FACTORY ORIGINAL PAINT) AND FADING AND PAINT COLORATION DIFFERENCES RESULTING FROM THE PRODUCT'S SHIELDING PORTIONS OF SURFACES FROM EXPOSURE TO THE SUN AND ELEMENTS WHILE OTHER ADJACENT SURFACES REMAIN COMPLETELY EXPOSED.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For further information or request for warranty work, please contact: Bestop Inc. P.O. Box 307, Broomfield, CO U.S.A. 80020, Attn: Consumer Response

Handwritten notes at the bottom: 'Left at the', 'Books picture', 'magazine', 'check photo', 'In Hood', 'Lack'.

Before You Install

You may notice some wrinkling in the fabric of your Convertible Top when you first remove it from its shipping container. Also there may be indentations in the windows. **Don't panic.** It is normal for the tops to do this when stored in the shipping container. The wrinkles and indentations will disappear after 48-72 hours of exposure to sunlight.

Note: You should install your Convertible Top in temperatures of 70°F (21° C) or warmer. The fabric will contract in cooler temperatures, making proper installation difficult.

You are now ready to begin the installation process.

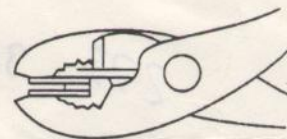
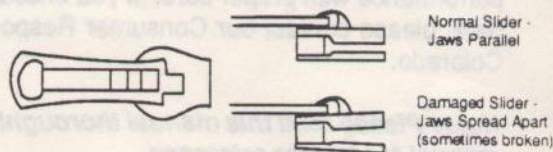
Care and Maintenance of your Bestop Top

Your top is made of the finest materials available. To keep it looking new and for the maximum possible wear, it will need periodic cleaning and maintenance.

Washing: The top fabric should be washed often using soap, warm water and a soft bristle brush. Rinse with clear water to remove all traces of soap. A vinyl protector can be used on the vinyl side of the fabric.

Windows: Keep windows clean to avoid scratching. **DO NOT** use a brush on the windows! Wash with a watersoaked cloth or sponge and a mild dishwashing detergent. **NEVER WIPE THE WINDOWS WHEN THEY ARE DRY.** Be careful when cleaning snow or frost from the vinyl windows since they are easily scratched and may crack at low temperatures. **DO NOT** roll the sides or rear curtain in cold weather. The windows become stiff and will crack.

Zippers: Keeping the zipper cleaned and lubricated with a silicone lubricant will help prevent damage and keep the zippers in a smooth working condition. If a zipper opens behind the slider, the slider may have been spread apart. This problem can usually be repaired by using an ordinary pair of pliers to bring the sides back into parallel. Return slider to the end of the zipper in the normal Open position. Squeeze lightly at first and test the zipper. If the zipper continues to remain open squeeze more firmly with the pliers and try the zipper again. Repeat this procedure until the zipper operates correctly.



Water: Seeping through at the seams may be stopped by applying 3-M Scotchgard® on the inside of the seams. Rips in the fabric may be repaired with Bondex® iron on patches. Iron the patches to the Inside of the top, carefully following the Bondex® instructions.

Snaps: Keep snaps cleaned and lubricated with silicone to help prevent snaps from sticking to the studs. If a snap does become stuck to a stud, use a screwdriver and GENTLY pry apart to prevent permanent damage to the snap or the top fabric.

Installation: Getting Started

Your Convertible Top will require two people for proper installation.

This section will familiarize you with the parts included with your Convertible Top and will get you through the "pre-installation" steps.

Note: You should install your Convertible Top in temperatures of 70°F (21° C) or warmer. The fabric will contract in cooler temperatures, making proper installation difficult.

What You'll Need

- | | |
|---|--|
| <input type="checkbox"/> A large and a small flathead screwdriver | <input type="checkbox"/> A phillips head screwdriver |
| <input type="checkbox"/> A tape measure | <input type="checkbox"/> A hammer |
| <input type="checkbox"/> 1 ea. 3/32", 5/32", 3/16" drill bits | <input type="checkbox"/> Scissors |
| and a power drill | <input type="checkbox"/> A center punch |
| <input type="checkbox"/> A wrench | <input type="checkbox"/> A piece of chalk |
| <input type="checkbox"/> A pencil | |

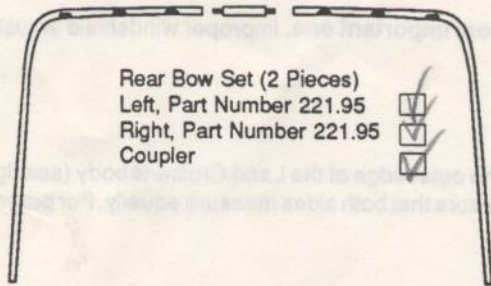
That's it. With these tools, you're ready to go.

Unpacking: What You Have

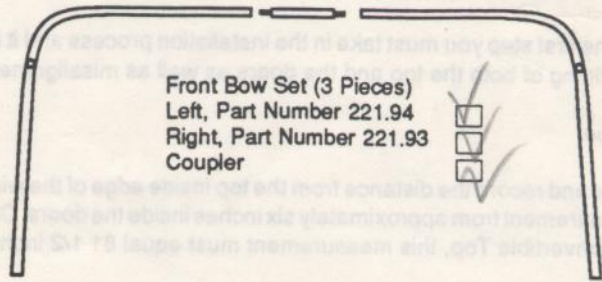
Remove parts carefully from the shipping container in order to avoid scratching windows. **Check each part included against the following Parts List.**

Parts List and Hardware Identification

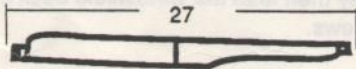
Check off each item



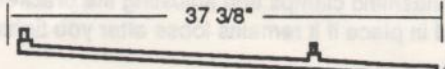
Rear Bow Set (2 Pieces)
Left, Part Number 221.95
Right, Part Number 221.95
Coupler



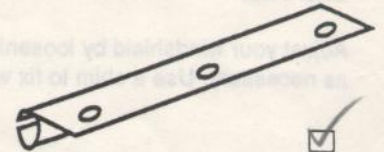
Front Bow Set (3 Pieces)
Left, Part Number 221.94
Right, Part Number 221.93
Coupler



Vertical Rods, Qty - 2, Part Number 154.13



Horizontal Rods, Qty. - 2, PN 154.11



Windshield Channel, Qty. - 2, PN 154.14



1" Plastic Rod Cap,
Qty - 2, PN 151.55



#10 S/M Screw,
Qty - 6, PN 1.92



Body Stud, Qty - 13, PN 9.68



Threaded Body Stud,
Qty - 23, PN 151.81



10-32 Hex Nut,
Qty 23, PN 151.82

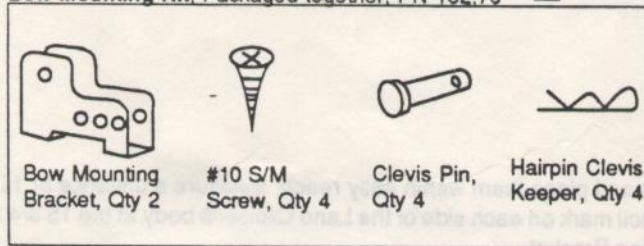


#6 S/M Screw, Qty - 13, PN 9.69



Wing Nut, Qty - 4, PN 151.83

Bow Mounting Kit, Packaged together, PN 182.76



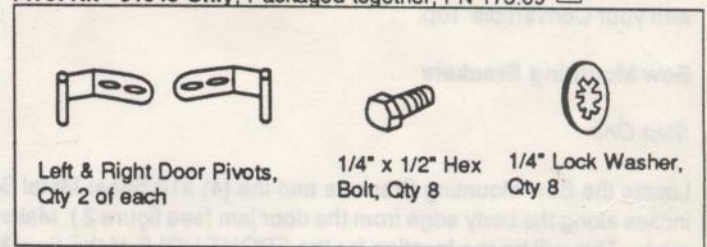
Bow Mounting
Bracket, Qty 2

#10 S/M
Screw, Qty 4

Clevis Pin,
Qty 4

Hairpin Clevis
Keeper, Qty 4

Pivot Kit - 51043 Only, Packaged together, PN 175.69

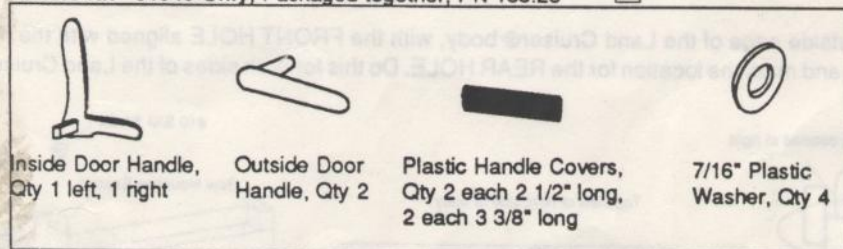


Left & Right Door Pivots,
Qty 2 of each

1/4" x 1/2" Hex
Bolt, Qty 8

1/4" Lock Washer,
Qty 8

Handle Kit - 51043 Only, Packaged together, PN 185.23



Inside Door Handle,
Qty 1 left, 1 right

Outside Door
Handle, Qty 2

Plastic Handle Covers,
Qty 2 each 2 1/2" long,
2 each 3 3/8" long

7/16" Plastic
Washer, Qty 4

Fabric Top, Qty - 1
Door - Right, 51043 Only, Qty - 1
Door - Left, 51043 Only, Qty - 1
Zipper Pulls, Qty - 2

Because of generic packaging, extra parts may be included.

Windshield Adjustment

Note: If you have a Land Cruiser® built after 1975 that has never had a soft top, you will need to call Bestop and order a metal tailgate panel (part #51042-01). Removing the hard top also removes the tailgate.

This is the first step you must take in the installation process and it is also the **most important one**. Improper windshield adjustment results in poor fitting of both the top and the doors as well as misalignment of snaps.

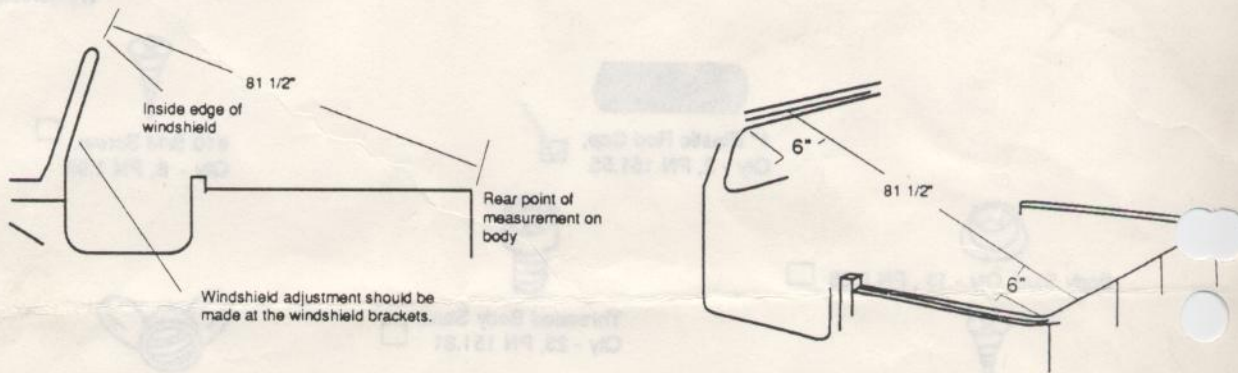
Step One:

Measure and record the distance from the top inside edge of the windshield to the outer edge of the Land Cruiser® body (see figure 1). Take the measurement from approximately six inches inside the doors. Check to make sure that both sides measure equally. For proper installation of the Convertible Top, this measurement must equal 81 1/2 inches.

Step Two:

Adjust your windshield by loosening the windshield clamps and adjusting the brackets. You may then lean the windshield back or forward as necessary. Use a shim to fix windshield in place if it remains loose after you tighten the screws.

Figure 1



The Mounting Assembly

This section will lead you through the installation of the various pieces that compose the mounting assembly. Use only parts that were included with your Convertible Top.

Bow Mounting Brackets

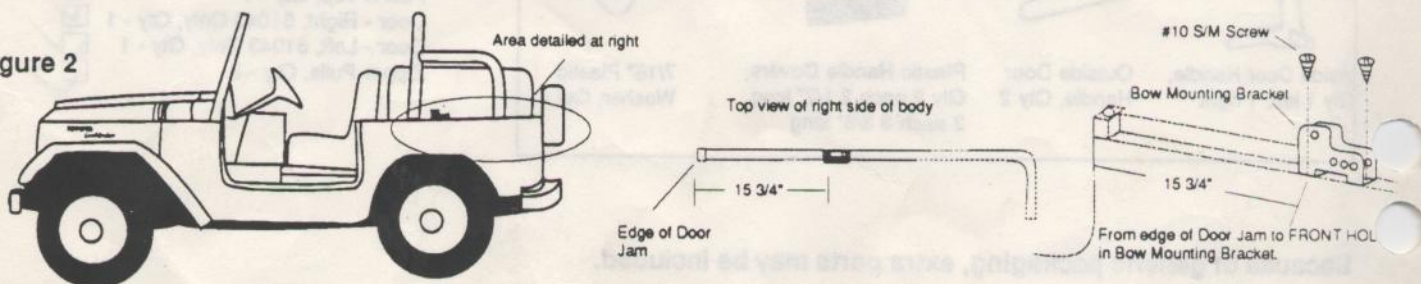
Step One

Locate the Bow Mounting Brackets and the (4) #10 Sheet Metal Screws and place them within easy reach. Measure a distance of 15 3/4 inches along the body edge from the door jam (see figure 2). Make a pencil mark on each side of the Land Cruiser® body at the 15 3/4 inch mark. This will be the location for the FRONT HOLE of the Bow Mounting Bracket.

Step Two

Place the Bow Mounting Bracket flush against the outside edge of the Land Cruiser® body, with the FRONT HOLE aligned with the mark you have just made. Now use the bracket as template and mark the location for the REAR HOLE. Do this for both sides of the Land Cruiser®.

Figure 2



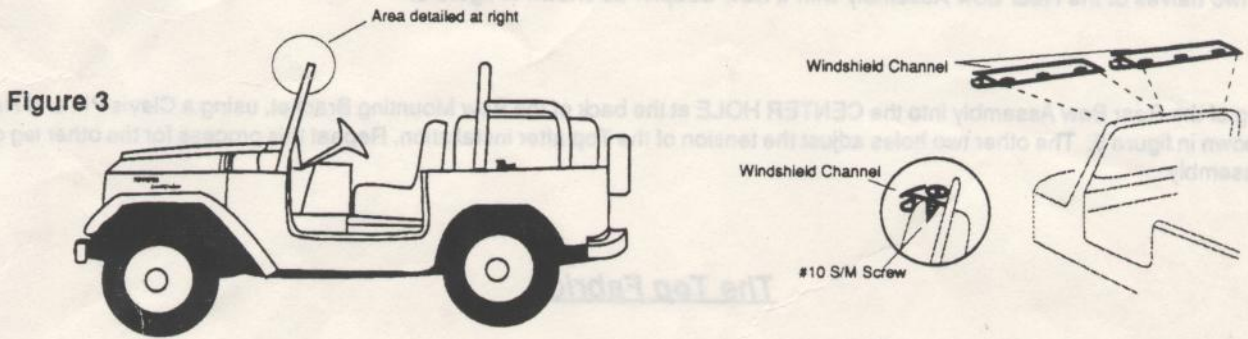
CAUTION: Step Three of the Bow Mounting Bracket installation involves drilling holes in the Land Cruiser® body edge. CHECK UNDER THE BODY EDGE AT THE MARKED LOCATIONS. THERE MAY BE WIRING FOR THE REAR LIGHTS. IF SO, PULL WIRING AWAY BEFORE CONTINUING.

Center punch the marked locations (both sides, front and rear) and drill with a 5/32 inch drill bit. Secure each Bow Mounting Bracket to the top of the body edge with two (2) #10 Sheet Metal Screws. See figure 2 .

The Windshield Channel

Step One

Center the Windshield Channels on the TOP of the Land Cruiser® windshield frame so that the two Channels are flush against each other (see figure 3). Use the Windshield Channels as a template and mark the hole locations with a pencil.



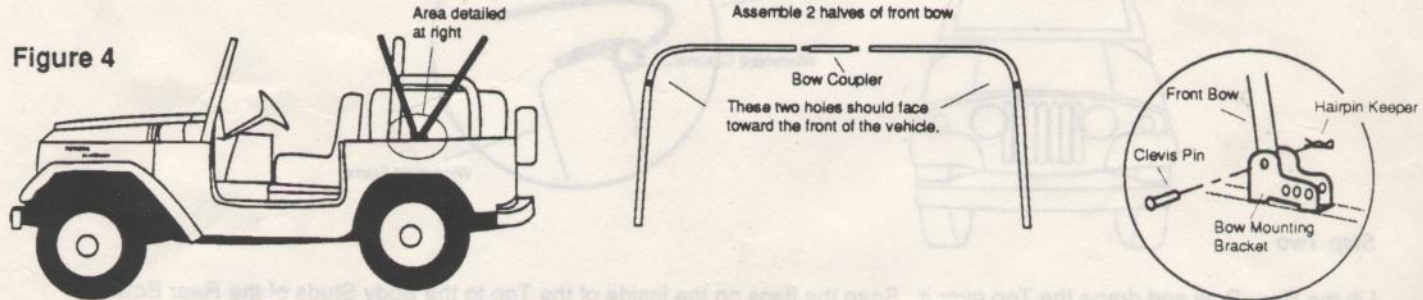
Step Two

Drill six (6) 5/32" holes at marked locations. Mount the Windshield Channels with (6) #10 Sheet Metal Screws as shown in figure 2.

Front Bow Assembly

Step One

Connect the two halves of the Front Bow Assembly with a Bow Coupler as in figure 4 below. THE TWO LARGE HOLES IN THE FRONT BOW ASSEMBLY SHOULD FACE THE FRONT OF THE LAND CRUISER®.



Step Two

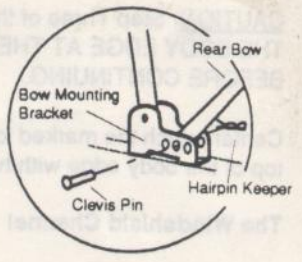
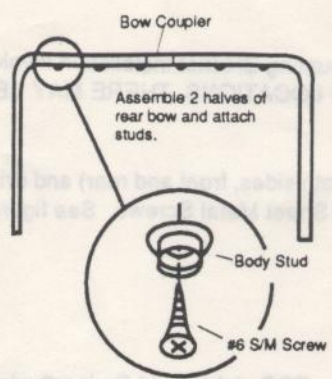
Mount one leg of the Front Bow Assembly into the front of the Bow Mounting Bracket, using the Clevis Pin and Hairpin Keeper as shown in figure 4. Repeat this process for the other leg of the Front Bow Assembly.

Rear Bow Assembly

Step One

Install a Body Stud in each hole in the Rear Bow Assembly, using a #6 Sheet Metal Screw as shown in figure 5.

Figure 5



Step Two

Connect the two halves of the Rear Bow Assembly with a Bow Coupler as shown in figure 5.

Step Three

Mount one leg of the Rear Bow Assembly into the CENTER HOLE at the back of the Bow Mounting Bracket, using a Clevis Pin and Hairpin Keeper as shown in figure 5. The other two holes adjust the tension of the Top after installation. Repeat this process for the other leg of the Rear Bow Assembly.

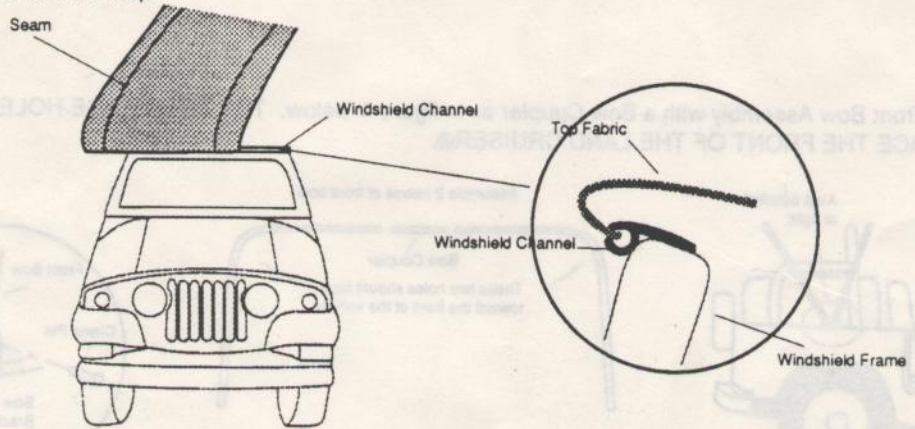
The Top Fabric

Installing the Top Fabric to the Windshield Channels

Step One

Unfold the Top and drape it over the Front Bow. Insert the Top into the Windshield Channel groove at one side and slide it in (see figure 6). Slide the Top all the way through the Channel groove so that the other seam is outside the channel. Then work that side back into the groove and center the Top.

Figure 6



Step Two

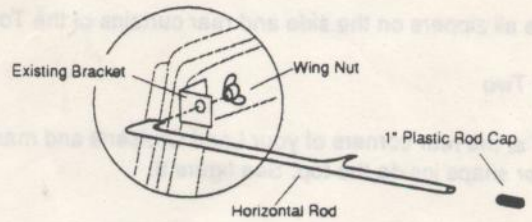
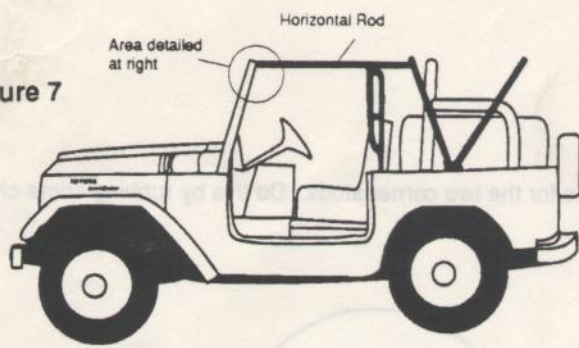
Lift the Rear Bow and drape the Top over it. Snap the flaps on the inside of the Top to the Body Studs of the Rear Bow.

Horizontal Rods

Step One

Slide a 1" Plastic Rod Cap over the straight end of each Horizontal Rod.

Figure 7



Step Two

The Horizontal Rods mount to the existing brackets in the upper corners of the Land Cruiser's® windshield (see figure 7). Position the Horizontal Rods with the welded bolts pointing to the inside of the Land Cruiser®. Slide the Horizontal Rods through the fabric sleeve above the door opening on each side. Insert the welded bolt at the front into the bracket on the windshield frame (see figure 7) and secure it with a 5/16" Wing Nut. Do this on both sides. Now pull the Front Bow forward and insert the capped end of the Horizontal Rod into the hole in the Front Bow.

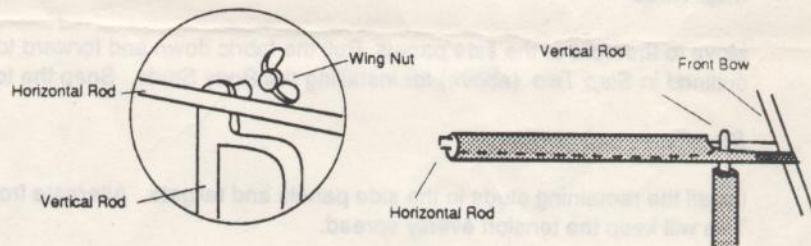
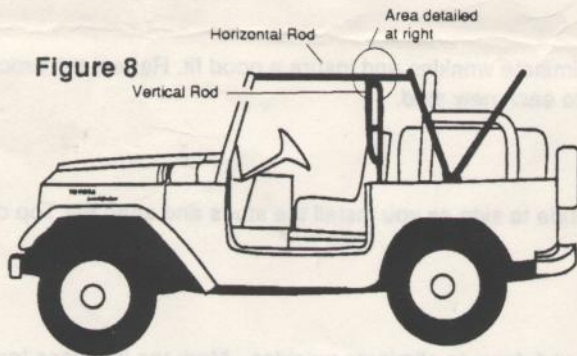
Note: If the brackets are missing from your windshield, call Bestop Customer Response Department at 1-(800)-346-3910 or (303)456-1755 in Colorado and order part number 13.85.

Vertical Rods

Step One

Set the bottom of the Vertical Rod into the existing 1" hole in the Land Cruiser® body, as in Figure 8. Fasten the top of the Vertical Rod to the Horizontal Rod with a 5/16" Wing Nut, as shown in Figure 8.

Figure 8



Step Two

Snap the fasteners around the Front Bow as shown in figure 8.

Step Three

Separate the hook and loop fasteners sewn into the Top just behind the door openings. Wrap the fabric around the Vertical Rod and reattach the hook and loop fasteners.

Installing the Body Studs

The following steps are crucial to the proper installation of your Top. You will need to have a friend help you to insure even tightness and fit of the Top.. Make sure the Top is as warm as possible before beginning.

Use Threaded Studs with Hex Nuts when you have to drill through two thicknesses of metal. Use Body Studs with #6 Sheet Metal Screws for the rest of the snaps.

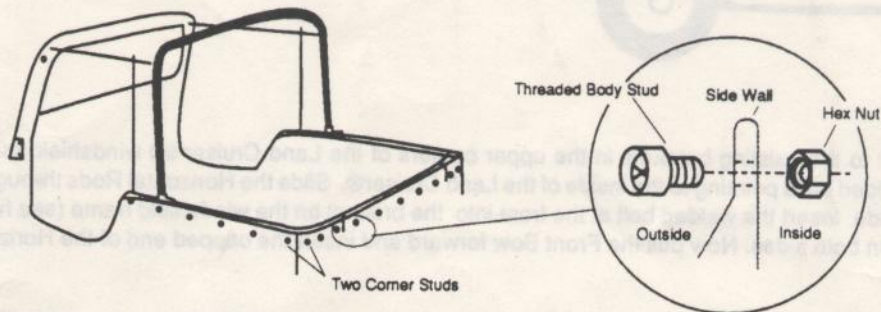
Step One

Close all zippers on the side and rear curtains of the Top.

Step Two

Start at the rear corners of your Land Cruiser® and mark the locations for the two corner studs. Do this by rubbing some chalk on the corner snaps inside the top. See figure 9.

Figure 9



TO INSURE A GOOD FIT, HAVE YOUR FRIEND PULL DOWN ON THE REAR BOW WHILE YOU PULL THE FABRIC DOWN AND TO THE REAR TO LOCATE THE TWO REAR CORNER STUDS.

When you are satisfied with the tightness of the Top, press the snaps against the Land Cruiser®. The chalk will leave marks for Stud positions. Center punch the marks and drill 3/16 inch holes at the marked locations on each rear corner. Install the Threaded Body Studs and secure them with Hex Nuts at each rear corner. Now snap the Top down at the corners.

Step Three

Move to the front of the side panels. Pull the fabric down and forward to eliminate wrinkles and insure a good fit. Repeat the process outlined in *Step Two* (above) for installing the Body Studs. Snap the top to each new stud.

Step Four

Install the remaining studs in the side panels and tailgate. Alternate from side to side as you install the studs and snap the Top down. This will keep the tension evenly spread.

Step Five

Locate the snaps on each front corner of your Top. Pull the fabric forward and down to eliminate wrinkles. Mark the locations for the snap studs and drill 3/32" holes in the marked locations. Install the snap studs with #6 Sheet Metal screws.

Installing the Doors

If you did not order doors with your Convertible Top, skip this section and move on ahead.

Note: These doors are designed to fit this Bestop Convertible Top. They will not fit the original top that came with your Land Cruiser®.

Step One

Mount the Door Pivots to the outside of the door as shown in figure 10 below. Use 1/4" x 1/2" Bolts, with 1/4" Lockwashers. Punch holes in the door fabric for bolts and leave the bolts loose for now. Tighten them only when you are satisfied that the doors fit properly. Install doors by sliding the Door Pivots down into the factory hinges. Fit the door properly and tighten the bolts. Do each door.