



The Jambo Registry
www.82jambo.com

WHITE AUTOMOTIVE CORPORATION
4401 North Cascade Avenue, Colorado Springs, Co 80907
MANUFACTURERS OF QUALITY ACCESSORIES

INSTALLATION INSTRUCTIONS FOR 5105 AND 5107 CONVERTIBLE TOPS FORM 1143A

PLEASE: Read these instructions before installing top!
Leave instructions in vehicle when top installation is complete.

NOTE: Instructions are written for two (2) different tops. 5105 top fits 1976 and later CJ-5 vehicles (with tail gate or solid rear panel). 5107 top fits CJ-7 vehicles.

CAUTION: To prevent possible abrasion of your top above roll bar, deburr small hole at crown of roll bar with file.

TOOLS REQUIRED:

- | | |
|-----------------------------------|------------------------------|
| 1/4" Drill Motor | 1/8", 5/32", 1/4" Drill Bits |
| 1/2" Wrench | 10' Tape Measure |
| # 2 Phillips Point
Screwdriver | Common Screwdriver |
| Center Punch | Hammer |
| | Pencil |

INSTALLATION TIPS:

A. Proper Temperature

For ease in installation, top should be installed where temperature is above 72°F. Below this temperature, top may contract an inch or more, which will make it difficult to snap top to vehicle.

B. For a Smooth Fit

Bows may become slightly bent during shipment. Mount and lower bows to down position. Push from side to side to **square** them with vehicle.

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

C. Proper Door Fit to Body

It may be necessary to achieve a better door fit. First, make **certain** windshield is properly adjusted as shown in Figures 1 & 2. After verifying proper windshield ad-

justment, unzip door window. Close and latch door. Identify poorly fitting areas by standing outside vehicle and looking through open window. Upon locating misfit areas, start at lower forward area of door and **carefully** spring door frame as required to eliminate misfit areas. Work toward upper rear corner of door when springing frame. Upper forward corner of door **must** contact Door-Seal **before** door latches. Top front corner of door may be adjusted by grasping door frame in area of top hinge and springing upper forward corner inward. Repeat springing process until desired fit is achieved.

D. Door-Handles

Carefully follow Step 19 to assure Door-Handles are assembled properly. Pay **particular** attention to placing Torsion-Spring dyed **purple** in Right-Hand-Door-Handle assembly. Latch each door several times to determine if handles function properly under varying closing forces. Handles which do not rotate far enough to allow projection on Inside-Handle to latch behind Vertical-Support-Rod may be adjusted as follows:

1. Disassemble handle.
2. Cut small amount of plastic from forward end of inside handle tang which travels inside curved slot in door handle mounting plate as shown in Figure 8, Area A.
3. Re-assemble handle.

This will allow handle to rotate further back and properly engage Vertical Rod.

E. Rain-flaps

Should leakage occur around doors, please refer to Installation tip C on fitting doors properly. Improperly adjusted windshield (refer to Step 1) **may** cause looseness in top resulting in sagging rain-flaps over doors. Rain-flaps over doors are not effective if top is not **centered** when snapped to windshield.

LEAVE INSTRUCTIONS IN VEHICLE WHEN COMPLETE

1. WINDSHIELD ADJUSTMENT:

A. (5105 Top) Adjust CJ-5 windshield as shown in Figure 1.

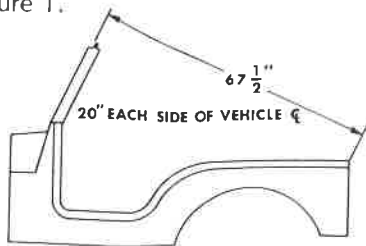


FIGURE 1

B. (5107 Top) Adjust CJ-7 windshield as shown in Figure 2.

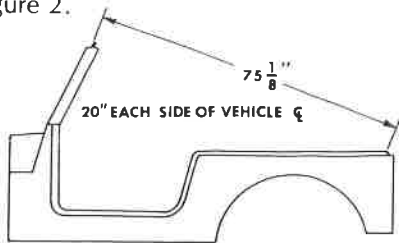


FIGURE 2

IMPORTANT: Improper adjustment will result in poorly fitting doors, mislocated snap-studs and undue strain or looseness in top.

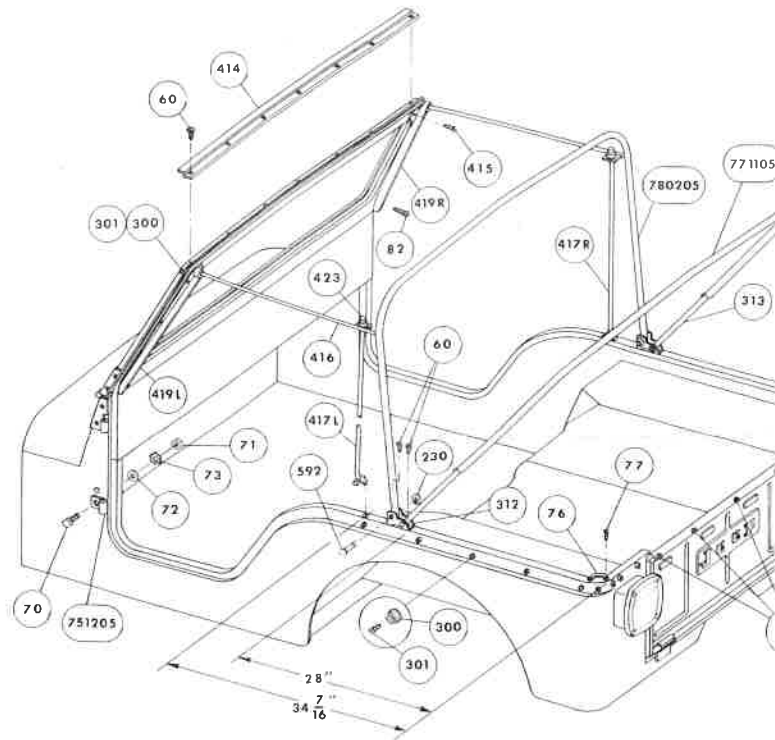


FIGURE 3

2. FRONT-FORMER: Center Front-Former (P/N 414) on top front surface of windshield. Position front edge of part flush with front center area of windshield. Mark hole locations. Center punch and drill seven (7) 1/8" diameter holes. Install using seven (7) #10 x 1/2" Self-Tapping-Screws (P/N 60). See Figures 3 & 4.

3. DOOR-SEALS: Position Door-Seal (P/N 419L) by matching contour of upper portion of part with windshield frame. Move outside surface of lower end of seal flush with door recess and outside edge of dash panel. Mark hole locations. Center punch and drill four (4) 1/8" diameter holes. Install seal using three (3) #8 x 1/2" Phillips Head Self-Tapping Screws (P/N 415) and one (1) #10 x 1 1/2" w/#8 Oval Phillips Head Screw (P/N 82). Repeat to install opposite Door-Seal (P/N 419R). See Figures 3 & 4.

CAUTION:

A wiring harness is located behind left side panel where holes are drilled. Lower this harness by removing from steel clips before drilling holes. Replace harness after top installation is complete.

4. HOLES FOR VERTICAL-SUPPORT-RODS:

A. (5105 Top) Mark location of 1/4" diameter holes 34-7/16" forward from rear of body as shown in Figure 3. Center punch and drill two (2) 1/4" diameter holes.

**PARTS LIST FOR 5105 '47
Top Front**

QTY.	JEEP PART NO.	WHITCO PART NO.	DESCRIPTION
1	8129930	FR5151-1	Top Assembly — White
	8129931	FR5151-2	Top Assembly — Black
	8129932	FR5151-4	Top Assembly — Tan
	8129933	FR5151-5	Top Assembly — Blue
	8129934	FR5151-1-SR	Top Assembly — White — Sky-Viewer
	8129935	FR5151-2-SR	Top Assembly — Black — Sky-Viewer
	8129936	FR5151-4-SR	Top Assembly — Tan — Sky-Viewer
	8129937	FR5151-5-SR	Top Assembly — Blue — Sky-Viewer
1	8129939	FR5152-1	Door Assembly — Left — White
	8129941	FR5152-2	Door Assembly — Left — Black
	8129943	FR5152-4	Door Assembly — Left — Tan
	8129945	FR5152-5	Door Assembly — Left — Blue
1	8129938	FR5153-1	Door Assembly — Right — White
	8129940	FR5153-2	Door Assembly — Right — Black
	8129942	FR5153-4	Door Assembly — Right — Tan
	8129944	FR5153-5	Door Assembly — Right — Blue
2	8123726	291-2	26" Rear Bow Cover — Black (for white tops)
	8123726	291-2	26" Rear Bow Cover — Black
	8123728	291-4	26" Rear Bow Cover — Tan
	8123729	291-5	26" Rear Bow Cover — Blue
1	5469612	780205	Front Bow
1	5469407	771105	Rear Bow
2	5456493	313	Rear Bow Extension
1	5458897	414	Front Former
2	8123811	416	Horizontal Support Rod
1	8123839	417L	Vertical Support Rod — Left
1	8123838	417R	Vertical Support Rod — Right
1	5458875	419L	Door Seal — Left
1	5458874	419R	Door Seal — Right
2	5460843	423	Support-Rod-Cup
2	8123927	751205	Lower Door Hinge

FRJT 5152
FRJT 5153



FIGURE 6

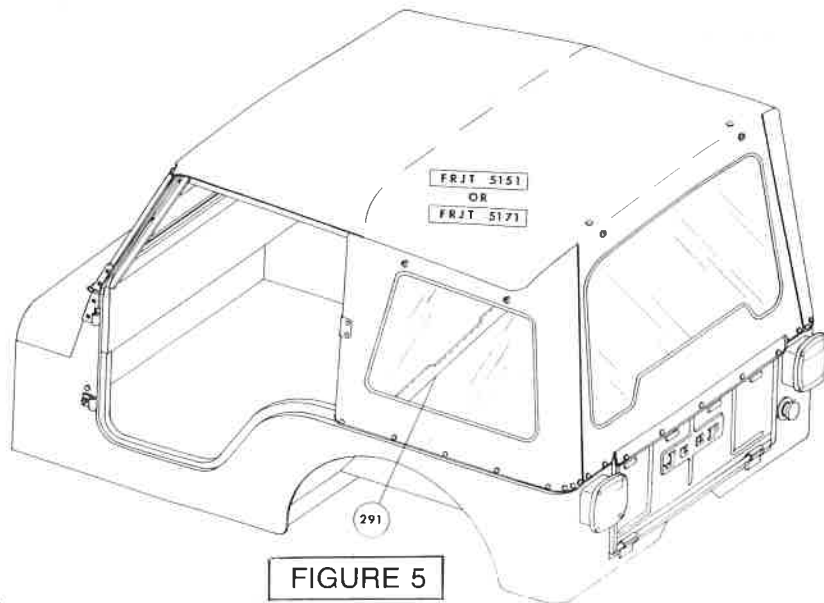


FIGURE 5

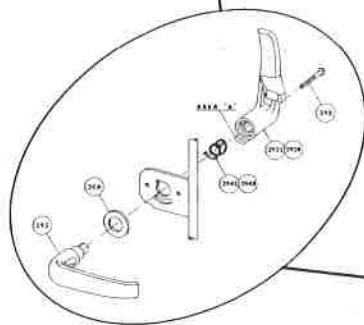


FIGURE 8

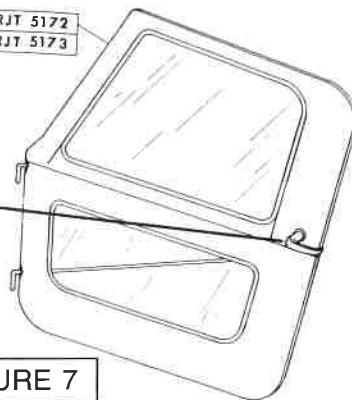
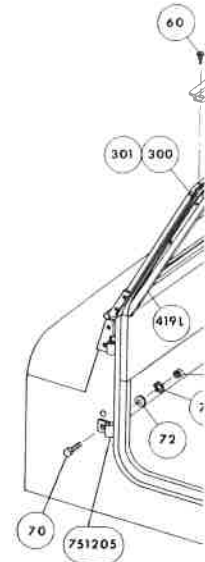


FIGURE 7



EP" CONVERTIBLE TOPS

J-5 Jeep

QTY.	JEEP PART NO.	WHITCO PART NO.	DESCRIPTION
2	5456478	312	Bow Pivot Bracket
2	8123715	292*	Outside Door Handle
1	8123717	293L*	Inside Door Handle — Left
1	8123716	293R*	Inside Door Handle — Right
1	8123719	294L*	Door Handle Spring — Left — Plain
1	8123718	294R*	Door Handle Spring — Right — Purple
2	8123720	306*	5/8" Flat Washer
2	8123721	295*	#8 x 1-3/8" Screw
2	5455264	76	Footman Loop
4	G163470	77	#10 x 1/2" — Oval Head Screw
4	8123727	592	1/4" x 1-1/16" Grooved Pivot Pin
4	SE2077031	230**	Retaining Snap Ring
2	_____	70	5/16" — 18 x 3/4" Hex Head Screw
2	_____	71	5/16" — 18 Hex Nut
2	_____	72	5/16" Flat Washer
2	_____	73	5/16" External Star Lockwasher
2	_____	82	# 10 x 1-1/2" w/ # 8 Oval Phillips Head Screw
11	8120052	60	#10 x 1/2" Self Tapping Screw
6	G9414732	415	#8 x 1/2" Phillips Head-Self Tapping Screw
5	SE2074037	67	#8 x 3/8" Self-Tapping Snap Stud
20	G9418448	301	# 8 x 3/8" Screw w/ # 6 Phillips Head-Self Tapping
20	8123724	300	Flanged Snap Stud
2	8123725	315-10*	Zipper Pull Cover
2	8123926	701	Black Vinyl Door Trim 16" Long
1	_____	Form 1143A	Installation Instruction Sheet
1	_____	Form 1046*	Conversion Instruction Sheet
1	_____	Form 1087*	Waterproofing Instruction Sheet

Please Note: Part Numbers 301 and 300 are used together as an assembly. In some kits, Part No. 67 may be substituted for 301 and 300.

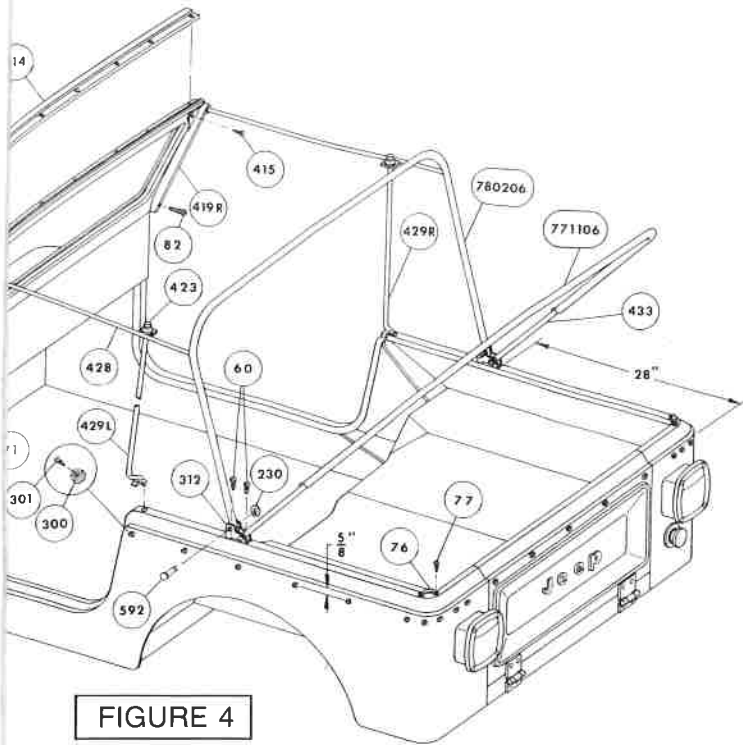
* Parts in door hardware bag.

**Two (2) extra included inside bag attached to left door.

PARTS LIST FOR 5107 "Tops Fit

QTY.	JEEP PART NO.	WHITCO PART NO.	DESCRIPTION
1	8129914	FR5171-1	Top Assembly — White
	8129915	FR5171-2	Top Assembly — Black
	8129916	FR5171-4	Top Assembly — Tan
	8129917	FR5171-5	Top Assembly — Blue
	8129918	FR5171-1-SR	Top Assembly — White — Sky-Viewer
	8129919	FR5171-2-SR	Top Assembly — Black — Sky-Viewer
	8129920	FR5171-4-SR	Top Assembly — Tan — Sky-Viewer
	8129921	FR5171-5-SR	Top Assembly — Blue — Sky-Viewer
1	8129923	FR5172-1	Door Assembly — Left — White
	8129925	FR5172-2	Door Assembly — Left — Black
	8129927	FR5172-4	Door Assembly — Left — Tan
	8129929	FR5172-5	Door Assembly — Left — Blue
1	8129922	FR5173-1	Door Assembly — Right — White
	8129924	FR5173-2	Door Assembly — Right — Black
	8129926	FR5173-4	Door Assembly — Right — Tan
	8129928	FR5173-5	Door Assembly — Right — Blue
2	8123726	291-2	26" Rear Bow Cover — Black (for white tops)
	8123726	291-2	26" Rear Bow Cover — Black
	8123728	291-4	26" Rear Bow Cover — Tan
	8123729	291-5	26" Rear Bow Cover — Blue
2	8123854	434-2	21" Front Bow Cover — Black (for white tops)
	8123854	434-2	21" Front Bow Cover — Black
	8123855	434-4	21" Front Bow Cover — Tan
	8123856	434-5	21" Front Bow Cover — Blue
1	5469613	780206	Front Bow
1	5469408	771106	Rear Bow
2	5458872	433	Rear Bow Extension
1	5458897	414	Front Former
2	8123821	428	Horizontal Support Rod
1	8123841	429L	Vertical Support Rod — Left
1	8123840	429R	Vertical Support Rod — Right
1	5458875	419L	Door Seal — Left

LEAVE INSTRUCTIONS IN VEHICLE WHEN COMPLETE



B. (5107 Top) CJ-7 vehicles have tapped holes which are used to locate Vertical-Support-Rods.

5. BOW-PIVOT-BRACKETS: Position rear edges of Bow-Pivot-Brackets (P/N 312) 28" forward from rear of body as shown in Figures 3 & 4. Mark mounting hole locations. Center punch, drill 5/32" diameter holes and install brackets using #10 x 1/2" Self-Tapping-Screws (P/N 60).

6. FOOTMAN-LOOPS: Position Footman-Loops (P/N 76) on top surface of each rear corner radius of body. See Figures 3 & 4. Mark, center punch, drill 5/32" diameter holes, and install using #10 x 1/2" Self-Tapping-Screws (P/N 77).

7. REAR-BOW-EXTENSIONS: Attach Rear-Bow-Extensions (P/N 313 for 5105 top) (P/N 433 for 5107 top) to lower holes in Bow-Pivot-Brackets by installing Grooved-Pivot-Pins (P/N 592) and securing with Retaining-Snap-Rings (P/N 230) as shown in Figures 3 & 4. Place release-buttons up when installing.

8. BOW-COVERS:

A. (5105 Top) Slide Rear-Bow-Covers (P/N 291) onto legs of rear-bow (P/N 771105).

B. (5107 Top) Slide Front-Bow-Covers (P/N 434) over flattened ends of Front-Bow (P/N 780206). Slide Rear-Bow-Covers (P/N 291) onto legs of Rear-Bow (P/N 771106).

9. REAR-BOW: Slide bow onto Rear-Bow-Extensions.

10. FRONT-BOW: Be sure large punched holes near corner bends face **forward**.

A. (5105 Top) Attach Front-Bow (P/N 780205) (ends slightly flattened) to Bow-Pivot-Brackets using Grooved-Pivot-Pins and Retaining-Snap-Rings as shown in Figure 3.

B. (5107 Top) Attach Front-Bow (P/N 780206) (ends slightly flattened and Bow-Covers installed) to Bow-Pivot-Brackets using Grooved-Pivot-Pins and Retaining-Snap-Rings as shown in Figure 4.

11. TOP-ASSEMBLY: Temporarily install Horizontal-Support-Rods (P/N 416 for 5105) (P/N 428 for 5107) by inserting plain ends in Door-Seal sockets and plastic capped ends in Front-Bow holes. Press Support-Rod-Cup (P/N 423) into large hole in metal tab on each horizontal support rod. Place top over bows. Insert front-strip into Front-Former and **center**. Attach snap in small strap inside rear of top to Rear-Bow. Hold-down-strap at each rear corner snaps **around** Rear-Bow. Thread straps through Footman-Loops and buckle. **DO NOT OVER TIGHTEN!**

5105/5107 CONVERTIBLE TOPS

CJ-7 Jeep

QTY.	JEEP PART NO.	WHITCO PART NO.	DESCRIPTION
1	5458874	419R	Door Seal — Right
2	5460843	423	Support-Rod-Cup
2	8123927	751205	Lower Door Hinge
2	5456478	312	Bow Pivot Bracket
2	8123715	292*	Outside Door Handle
1	8123717	293L*	Inside Door Handle — Left
1	8123716	293R*	Inside Door Handle — Right
1	8123719	294L*	Door Handle Spring — Left — Plain
1	8123718	294R*	Door Handle Spring — Right — Purple
2	8123720	306*	5/8" Flat Washer
2	8123721	295*	#8 x 1-3/8" Screw
2	5455264	76	Footman Loop
4	G163470	77	#10 x 1/2" — Oval Head Screw
4	8123727	592	1/4" x 1-1/16" Grooved Pivot Pin
4	SE2077031	230**	Retaining Snap Ring
2	—	70	5/16" — 18 x 3/4" Hex Head Screw
2	—	71	5/16" 18 Hex Nut
2	—	72	5/16" Flat Washer
2	—	73	5/16" External Star Lockwasher
2	—	82	#10 x 1-1/2" w/#8 Oval Phillips Head Screw
11	8120052	60	#10 x 1/2" Self Tapping Screw
6	G9414732	415	#8 x 1/2" Phillips Head — Self Tapping Screw
27	G9418448	301	#8 x 3/8" Screw w/ #6 Phillips Head-Self Tapping
27	8123724	300	Flanged Snap Stud
2	8123725	315-10*	Zipper Pull Cover
2	8123830	424	Black Vinyl Door Trim — 29" Long
1	—	Form 1143A	Installation Instruction Sheet
1	—	Form 1046*	Conversion Instruction Sheet
1	—	Form 1087*	Waterproofing Instruction Sheet

Case Note: Part Numbers 301 and 300 are used together as an assembly. In some cases, Part No. 67 may be substituted for 301 and 300.

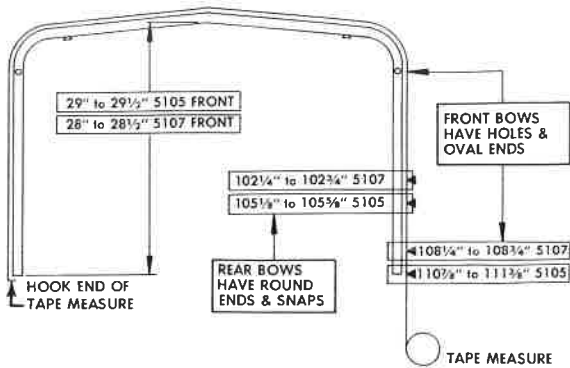
Parts in door hardware bag.

Two (2) extra included inside bag attached to left door.

12. **HORIZONTAL-SUPPORT-RODS:** Remove Horizontal-Support-Rods and insert **through** pockets above door openings. Reinstall as in Step 11. Tabs on rods point toward vehicle center line.
13. **VERTICAL-SUPPORT-RODS:** Insert Vertical-Support-Rods (P/N 417L and 417R for 5105) (P/N 429L and 429R for 5107) up **through** pockets in front edges of side curtains. Insert plain ends of rods into plastic cups in Horizontal-Rods. Hooks on lower ends of rods engage holes in top surfaces of side panels. See Figures 3 & 4. Pivot Front Bow Forward to engage capped ends of Horizontal Support Rods.
- Wrap short straps around Front-Bow and secure. These straps must be fastened for proper door latching.
14. **SIDE-CURTAIN-STUDS:**
- A. (5105 Top) Close zippers on rear curtain. Pull curtain down to meet offset in vehicle body. Position curtains so as **not** to exert pressure on Vertical-Support-Rods. Mark, center punch and drill 1/8" diameter holes for three (3) rear corner snaps. Install Flanged-Snap-Studs (P/N 300) using #8 x 3/8" Self-Tapping-Screws with #6 Phillips Head (P/N 301). Snap rear of curtain to studs. Adjust front corner of curtain to remove wrinkles. Locate and install front stud. Install remainder of studs. Repeat on opposite side.
- B. (5107 Top) Follow instructions for 5105 top, pulling curtain down **over** offset in vehicle body, locating studs 5/8" below offset as shown in Figure 4.
15. **REAR-CURTAIN-STUDS:**
- A. (5105 Top)
TAILGATE BODIES: Small flap goes **outside** roll at top of tailgate while curtain goes **inside**. Mark snap locations on roll, center punch and drill 1/8" diameter holes. Install #8 x 3/8" Self-Tapping-Snap-Studs (P/N 67). Snap flap to tailgate. Mark locations and install remaining Snap-Studs (P/N 300 & 301) on each side of flap.
- SOLID REAR PANEL BODIES:** Snaps in small flap are **not** used. Pull curtain down evenly. Mark snap locations. Center punch and drill 1/8" diameter holes. Install #8 x 3/8" Self-Tapping-Studs (P/N 67) and Flanged-Snap-Studs (P/N 300) with #8 x 3/8" Self-Tapping-Screws with #6 Phillips Heads (P/N 301).
- B. (5107 Top)
TAILGATE BODY ONLY: Pull curtain down evenly. Mark snap locations. Center punch and drill 1/8" diameter holes. Install Flanged-Snap-Studs (P/N 300) using #8 x 3/8" Self-Tapping-Screws with #6 Phillips Heads (P/N 301).
16. **WINDSHIELD-SNAPS:** Mark snap location at each upper forward corner of windshield **after** top has been installed and fits properly. Center punch, drill 1/8" diameter holes and install Flanged-Snap-Studs (P/N 300) using #8 x 3/8" Self-Tapping Screws with #6 Phillips Heads (P/N 301).
17. **LOWER-DOOR-HINGE:** Remove lower plastic plugs from lower Door-Hinge mounting holes. Insert 5/16" - 18 x 3/4" Hex Head-Screws (P/N 70) through Lower-Door-Hinges (P/N 751205) and holes in body. Secure using 5/16" Flat-Washers (P/N 72), 5/16" External Star-Lockwashers (P/N 73), and 5/16" - 18 Hex-Nuts (P/N 71). See Figures 3 & 4.
18. **INSTALL DOORS:** Install doors by positioning hooks on Door-Frames over hinge brackets on vehicle. Position doors straight out from vehicle and lower to engage hooks in hinge brackets.
19. **DOOR-HANDLES:** Figure 8 shows an exploded view of Door-Handles on left-hand door. Place a 5/8" Flat-Washer (P/N 306) over shaft of Outside-Handle (P/N 292) and insert through hole in door. Inside-Handle (P/N 293L & 293R) has a cavity for a Torsion-Spring. Spring for Left-Door is **plain** (294L) while that for Right-Door is dyed **purple**. (P/N 294R). Place appropriate Spring in Inside-Handle. End of Spring with long tang goes toward Inside-Handle. Bring handles together and engage hex key between handles. Rotate handles slightly until outside tang on spring drops into small slot at top of Mounting-Plate hole. Rotate handles **forward** and compress together. Install #8 x 1-3/8" Self-Tapping-Screw (P/N 295) and tighten. If handles bind and do not rotate freely, loosen screw slightly.
20. **ZIPPER-PULL-COVERS:** Black vinyl-covers (P/N 315-10) are provided to slip on Door Window Zipper-Pulls. This will prevent pulls from rattling.
21. **BLACK-VINYL-DOOR-TRIM:** Place trim (P/N 701 for 5105) (P/N 424 for 5107) on Diagonal-Rod of door in area of Lower-Door-Window. Position seam away from glass.
- MAINTENANCE TIPS:**
- A. **Care and Maintenance of Top**
- Wash top frequently using Non-Detergent Soap, a soft bristle brush, and plenty of water. Don't be afraid to really scrub the material. Don't spare the water when rinsing top as "left-in" soap will tend to yellow any material. Vinyl roof waxes, available at your local automotive parts supply dealer, will help preserve the new appearance of your top.
- B. **Waterproofing Seams**
- When your top leaves the factory all seams are sealed to make them waterproof; however, occasionally some seams may "wick" or leak moisture. This situation can be easily remedied by applying 3-M's Scotchgard® Fabric Protector to **inside** and **outside** of leaking seam. Scotchgard Fabric Protector is readily available in aerosol spray cans at supermarkets, discount and department stores.

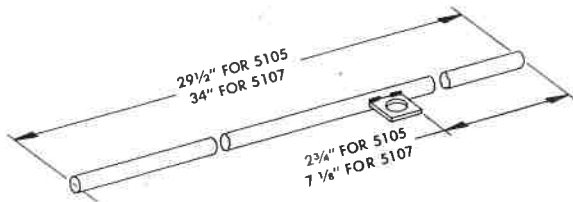
POOR FIT ???

Your new Whitco top has been fit checked at the factory to insure proper fit. However, there are certain circumstances that can cause your top to fit poorly. This is usually attributed to a mis-match of components and normally can be corrected by replacing incorrect components. If upon initial installation you find the top does not fit (excessive fabric when top is snapped down, or not enough fabric to allow top to be snapped), check the following items to be certain you have the correct components for your top.



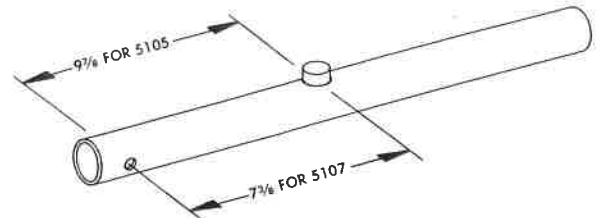
Front and Rear Bows

Measure perimeter by running tape measure around outside of bow. Also measure height of bow to underside of crown.



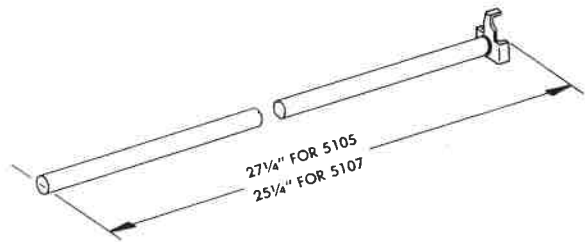
Horizontal-Support-Rods

Measure length between end of rod and edge of tab, and total length of rod.



Rear Bow Extensions

Measure between center of mounting hole and center of release button.



Vertical-Support-Rods

Measure total length of rod.

Fabric Top Assemblies

5105 (CJ-5)

Bottom edge of door striker plate is located approximately 13¼" from bottom edge of side curtain. 5105 has an external rain flap sewn to rear curtain.

5107 (CJ-7)

Bottom edge of door striker plate is located approximately 7½" from bottom edge of side curtain. 5107 has no external rain flap.

Should you find that any of these items are incorrect, correct parts may be obtained from your Jeep dealer.

CAUTION:

WHEN WASHING TOP: Keep your brush off the windows as they will scratch. Do not rub windows with paper towel or use ice scraper on windows. Avoid rolling windows when dusty or dirty. Scratch removal compounds are available and can be purchased from your local automotive parts supply dealer should you accidentally scratch your vinyl windows.

CAUTION:

Like many materials, the fabric on your Whitco top contracts in cold weather. The fabric will become more taut than usual. Extra care should be taken in converting the top up or down. If possible, this should be done when top is warm and pliable.