

The Jambo Registry
www.82jambo.com

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

INSTALLATION INSTRUCTIONS FOR 4105 AND 4107 CONVERTIBLE TOPS

FORM 1044

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. 4105 top fits 1976 CJ-5 vehicles (with tail gate or solid rear panel). 4107 top fits CJ-7 vehicles.

TOOLS REQUIRED:

1/4" Drill Motor
1/8", 5/32", 1/4" Drill Bits
1/2" Wrench
3/16" Allen Wrench
6' 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 adjustment, 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.

L. WINDSHIELD ADJUSTMENT:

A. (4105 Top) Adjust CJ-5 windshield as shown in Figure 1.

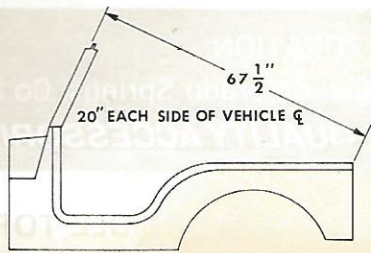


FIGURE 1

B. (4107 Top) Adjust CJ-7 windshield as shown in Figure 2.

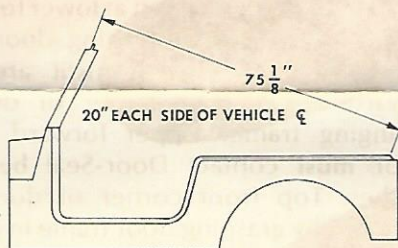


FIGURE 2

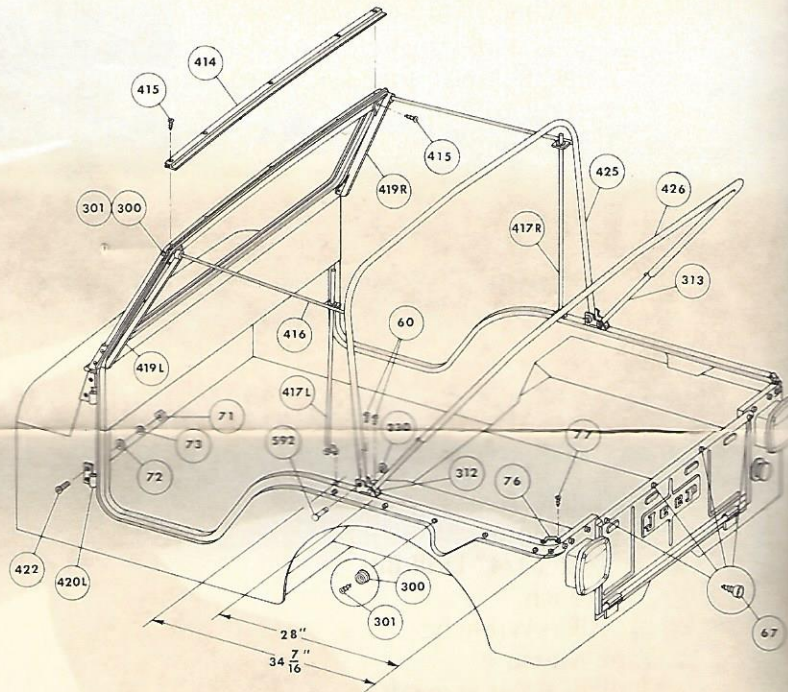


FIGURE 3

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

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 five (5) 1/8" diameter holes. Install using five (5) #8 x 1/2" Phillips Head Self-Tapping-Screws (P/N 415). 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 four (4) #8 x 1/2" Phillips Head Self-Tapping Screws (P/N 415). 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. (4105 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 4105 'J' Tops Fit CJ

QTY.	JEEP PART NO.	WHITCO PART NO.	DESCRIPTION
1	8123831	FRJT4151-1	Top Assembly—White
1	8123832	FRJT4151-2	Top Assembly—Black
1	8123834	FRJT4151-4	Top Assembly—Tan Levi
1	8123835	FRJT4151-5	Top Assembly—Blue Levi
1	8123819	FRJT4152-1	Door Assembly—Left—White
1	8123825	FRJT4152-2	Door Assembly—Left—Black
1	8123829	FRJT4152-4	Door Assembly—Left—Tan Levi
1	8123837	FRJT4152-5	Door Assembly—Left—Blue Levi
1	8123818	FRJT4153-1	Door Assembly—Right—White
1	8123824	FRJT4153-2	Door Assembly—Right—Black
1	8123828	FRJT4153-4	Door Assembly—Right—Tan Levi
1	8123836	FRJT4153-5	Door Assembly—Right—Blue Levi
2	8123726	291-2	26" Rear Bow Cover—Black (for white tops)
2	8123726	291-2	26" Rear Bow Cover—Black
2	8123728	291-4	26" Rear Bow Cover—Tan Levi
2	8123729	291-5	26" Rear Bow Cover—Blue Levi
1	5458904	425	Front Bow
1	5458906	426	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

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.

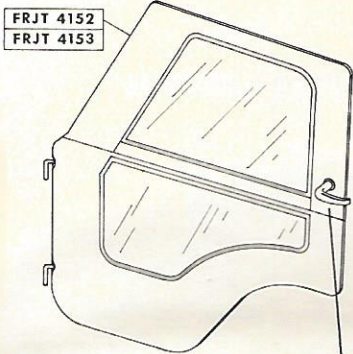


FIGURE 6

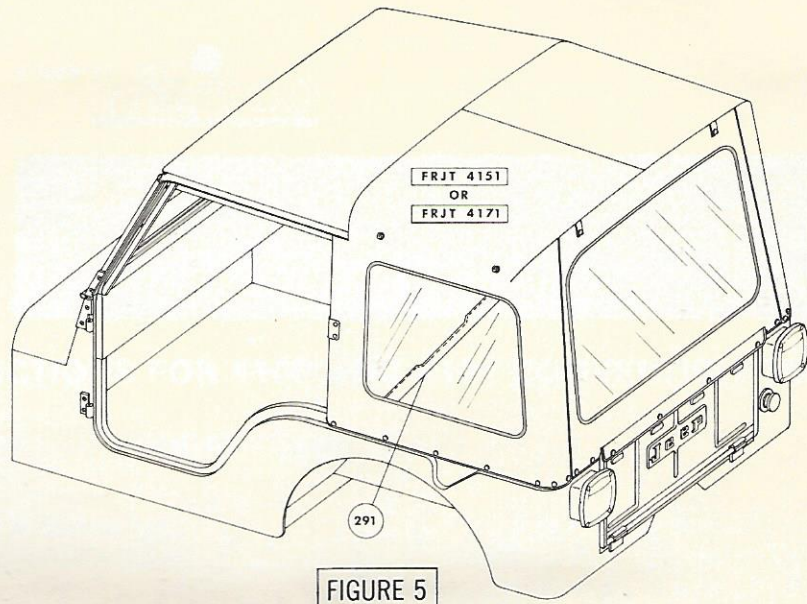


FIGURE 5

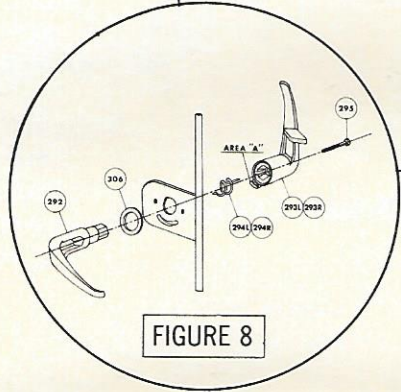


FIGURE 8

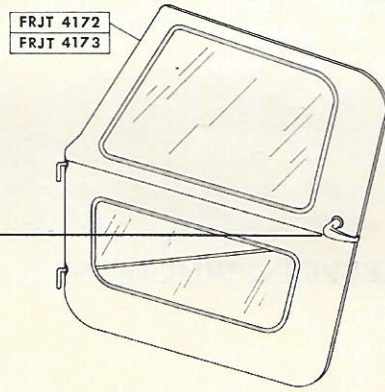


FIGURE 7

6" CONVERTIBLE TOPS
Jeep

JEEP PART NO.	WHITCO PART NO.	DESCRIPTION
5457097	420L	Lower Door Hinge—Left
5457098	420R	Lower Door Hinge—Right
5456478	312	Bow Pivot Bracket
8123715	292*	Outside Door Handle
8123717	293L*	Inside Door Handle—Left
8123716	293R*	Inside Door Handle—Right
8123719	294L*	Door Handle Spring—Left—Plain
8123718	294R*	Door Handle Spring—Right—Purple
8123720	306*	5/8" Flat Washer
8123721	295*	#8 x 1-3/8" Screw
5455264	76	Footman Loop
G163470	77	#10 x 1/2"—Oval Head Screw
8123727	592	1/4" x 1-1/16" Grooved Pivot Pin
SE2077031	230**	Retaining Snap Ring
4004956	422	5/16"—18 x 3/4" Csk Allen Head Screw
—	71	5/16"—18 Hex Nut
—	72	5/16" Flat Washer
—	73	5/16" Internal Star Lockwasher
8120052	60	#10 x 1/2" Self Tapping Screw
G9414732	415	#8 x 1/2" Phillips Head—Self Tapping Screw
SE2074037	67	#8 x 3/8" Self Tapping Snap Stud
G9418448	301	#8 x 3/8" Screw with #6 Phillips Head—Self Tapping
8123724	300	Flanged Snap Stud
8123725	315*	Zipper Pull Cover
—	—	Installation Instruction Sheet

PARTS LIST FOR 4107 "JEEP"
Tops Fit CJ

JEEP PART NO.	WHITCO PART NO.	DESCRIPTION	QTY.
8123842	FRJT4171-1	Top Assembly—White	1
8123843	FRJT4171-2	Top Assembly—Black	1
8123844	FRJT4171-4	Top Assembly—Tan Levi	1
8123845	FRJT4171-5	Top Assembly—Blue Levi	1
8123847	FRJT4172-1	Door Assembly—Left—White	2
8123849	FRJT4172-2	Door Assembly—Left—Black	2
8123851	FRJT4172-4	Door Assembly—Left—Tan Levi	1
8123853	FRJT4172-5	Door Assembly—Left—Blue Levi	1
8123846	FRJT4173-1	Door Assembly—Right—White	1
8123848	FRJT4173-2	Door Assembly—Right—Black	1
8123850	FRJT4173-4	Door Assembly—Right—Tan Levi	2
8123852	FRJT4173-5	Door Assembly—Right—Blue Levi	2
8123726	291-2	26" Rear Bow Cover—Black (for white tops)	2
8123728	291-4	26" Rear Bow Cover—Black	4
8123729	291-5	26" Rear Bow Cover—Tan Levi	4
8123854	434-2	26" Rear Bow Cover—Blue Levi	4
8123854	434-2	21" Front Bow Cover—Black (for white tops)	4
8123854	434-2	21" Front Bow Cover—Black	4
8123855	434-4	21" Front Bow Cover—Tan Levi	4
8123856	434-5	21" Front Bow Cover—Blue Levi	4
5458871	430	Front Bow	4
5458873	431	Rear Bow	13
5458872	433	Rear Bow Extension	25
5458897	414	Front Former	25
8123821	428	Horizontal Support Rod	2
8123841	429L	Vertical Support Rod—Left	2
8123840	429R	Vertical Support Rod—Right	1

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.

LEAVE INSTRUCTIONS IN VEHICLE WHEN COMPLETE

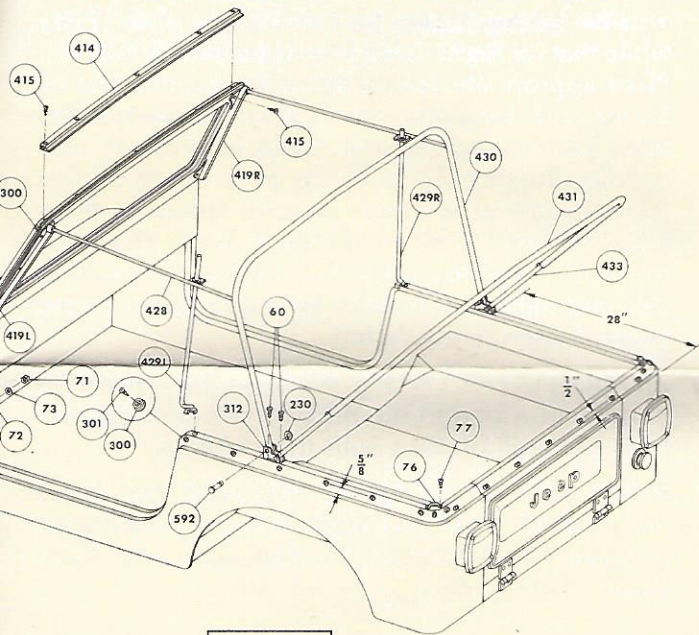


FIGURE 4

7 Jeep
" CONVERTIBLE TOPS

JEEP PART NO.	WHITCO PART NO.	DESCRIPTION
5458875	419L	Door Seal—Left
5458874	419R	Door Seal—Right
5457097	420L	Lower Door Hinge—Left
5457098	420R	Lower Door Hinge—Right
5456478	312	Bow Pivot Bracket
8123715	292*	Outside Door Handle
8123717	293L*	Inside Door Handle—Left
8123716	293R*	Inside Door Handle—Right
8123719	294L*	Door Handle Spring—Left—Plain
8123718	294R*	Door Handle Spring—Right—Purple
8123720	306*	5/8" Flat Washer
8123721	295*	#8 x 1-3/8" Screw
5455264	76	Footman Loop
G163470	77	#10 x 1/2"—Oval Head Screw
8123727	592	1/4" x 1-1/16" Grooved Pivot Pin
SE2077031	230**	Retaining Snap Ring
4004956	422	5/16"—18 x 3/4" Csk Allen Head Screw
---	71	5/16"—18 Hex Nut
---	72	5/16" Flat Washer
---	73	5/16" Internal Star Lockwasher
8120052	60	#10 x 1/2" Self Tapping Screw
G9414732	415	#8 x 1/2" Phillips Head—Self Tapping Screw
G9418448	301	#8 x 3/8" Screw with #6 Phillips Head—Self Tapping
8123724	300	Flanged Snap Stud
8123725	315*	Zipper Pull Cover
8123830	424	Black Mylar Door Trim
---	---	Installation Instruction Sheet

B. (4107 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/N76) 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 4105 top) (P/N 433 for 4107 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. (4105 Top) Slide Rear-Bow-Covers (P/N 291) onto legs of rear-bow (P/N 426).
 - B. (4107 Top) Slide Front-Bow-Covers (P/N 434) over flattened ends of Front-Bow (P/N 430). Slide Rear-Bow-Covers (P/N 291) onto legs of Rear-Bow (P/N 431.)
9. REAR—BOW: Slide bow onto Rear-Bow-Extensions.
10. FRONT—BOW: Be sure large punched holes near corner bends face **forward**.
 - A. (4105 Top) Attach Front-Bow (P/N 425) (ends slightly flattened) to Bow-Pivot-Brackets using Grooved-Pivot-Pins and Retaining-Snap-Rings as shown in Figure 3.
 - B. (4107 Top) Attach Front-Bow (P/N 430) (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 4105) (P/N 428 for 4107) by inserting plain ends in Door-Seal sockets and plastic capped ends in Front-Bow holes. 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!**
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. Secure Scotchmate® tabs **around** Front-Bow. Wrap long strap located inside front center of top (4105 only) around Front-Bow and secure. Tension on this strap is necessary for proper door latching.

4105
is Fit C

tops)

13. VERTICAL—SUPPORT—RODS: Insert Vertical-Support-Rods (P/N 417L and 417R for 4105) (P/N 429L and 429R for 4107) up **through** pockets in front edges of side curtains. Insert plain ends of rods through rubber grommets in Horizontal-Rods. Hooks on lower ends of rods engage holes in top surfaces of side panels. See Figures 3 & 4.

14. SIDE—CURTAIN—STUDS: 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.

15. REAR—CURTAIN—STUDS:

A. (4105 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. (4107 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 plastic plugs located in lower Door-Hinge mounting holes. Insert 5/16" - 18 x 3/4" Counter-Sunk-Allen Head-Screws (P/N 422) through Lower-Door-Hinges (P/N 420L and 420R) and holes in body. Secure using 5/16" Flat-Washers (P/N 72), 5/16" Internal 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 door 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: White vinyl-covers (P/N 315) are provided to slip on Door Window Zipper-Pulls. This will prevent pulls from rattling.

21. BLACK MYLAR—DOOR—TRIM: (4107 Top Only) Place trim (P/N 424) 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. Keep your brush off the windows as they will scratch. Don't spare the water when rinsing top as "left-in" soap will tend to yellow any material.

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.

B. Waterproofing Seams

When your top leaves the factory all seams are sealed to make them completely waterproof. Leaking tops are not covered by warranty; however, occasionally some seams may "wick" or leak moisture. This situation can be easily remedied. Apply 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.

LEAVE INSTRUCTIONS IN VEHICLE WHEN COMPLETE