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Installation Instructions

97-06 Jeep Hardtop (1-piece)

Part # 519701 (without doors)

Part # 519801 (with doors)

NOTE: Carefully read entire instructions thoroughly before attempting to assemble and/or install this product.

Top Parts Included	Qty
Hardtop	1
Rear Window	1
Weather Stripping	2
5/16 x 1" Phillips Head Bolt	6
3/8 Flat Washer	6
5/16 Nut Plate	6

Door Parts Included	Qty
Passenger Upper Door (if ordered)	1
Driver Upper Door (if ordered)	1
Compression Nut	6
4" Truss Head Bolt	2
5" Truss Head Bolt	4
Armrest	2



This accessory is designed and manufactured primarily to augment the vehicles appearance and to protect the occupants from Normal weather conditions. This product is not designed to protect occupants from injury or death in the event of an accident. Always wear your seat belt.

Step 1: If equipped remove softop and all hardware. (Fig A) If your vehicle has the molded rubber seal on top of the belt rail located right behind each door; remove it as well.

Step 2: With assistance carefully set hardtop on vehicle; setting the back side edge on the vehicles belt rail and the front on top of the windshield frame. (Fig B) Center top on vehicle.



(Fig A)



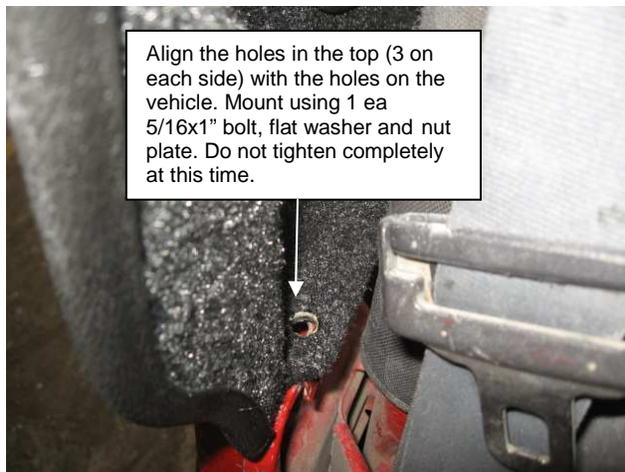
(Fig B)



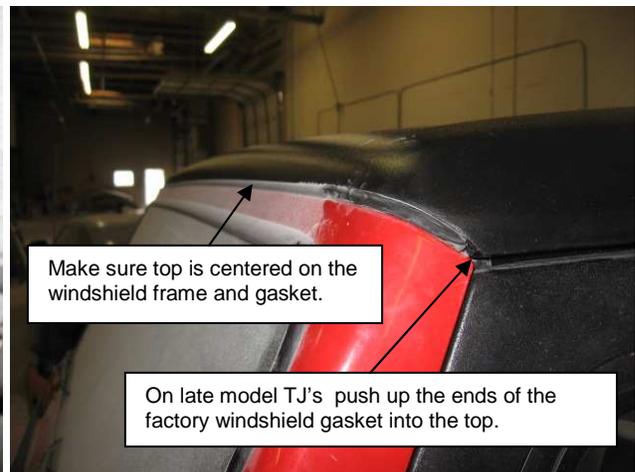
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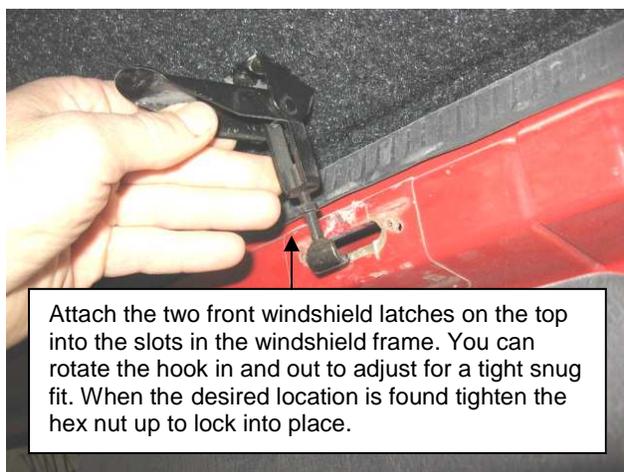
Step 3: Align the holes in the top (3 on each side) with the holes on the vehicle. Mount using 1 ea 5/16x1" bolt, flat washer and nut plate. (Fig C) **Do not tighten completely at this time.** It may be helpful to have assistance by having someone push from the outside in so the holes align easier. Due to variances in vehicles if a mounting hole is slightly off you can easily open the hole up with a drill bit.



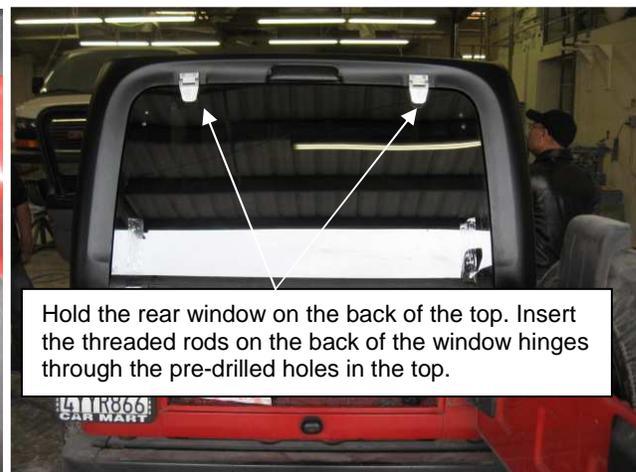
(Fig C)



(Fig D)



(Fig E)



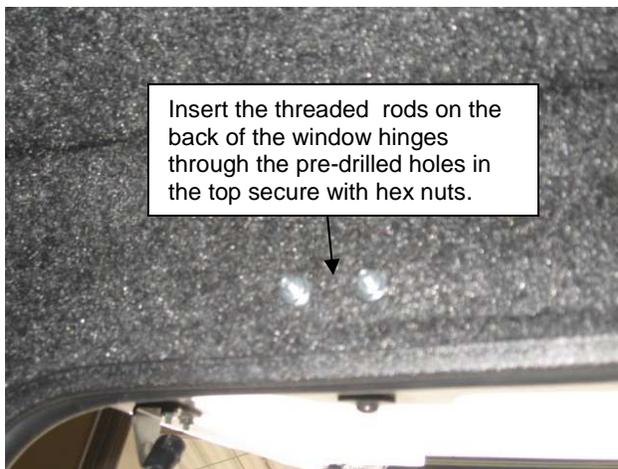
(Fig F)



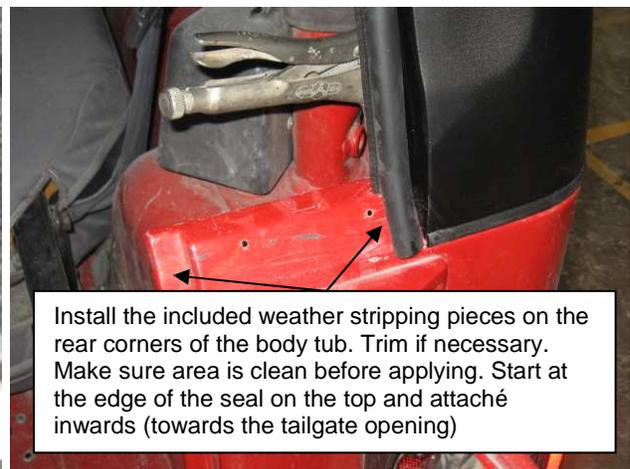
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- Step 4:** Make sure top is centered on the windshield frame and gasket. (Fig D) **Note:** On late model TJ's push up the ends of the factory windshield gasket into the top.
- Step 5:** Attach the two front windshield latches on the top into the slots in the windshield frame. You can rotate the hook in and out to adjust for a tight snug fit. When the desired location is found tighten the hex nut up to lock into place. (Fig E)
- Step 6:** With assistance have someone hold the rear window on the back of the top. Insert the threaded rods on the back of the window hinges through the pre-drilled holes in the top secure with hex nuts. Do not fully tighten at this time (Fig F, G)



(Fig G)



(Fig H)

- Step 7:** Close the window and check the gap between the window and the top all of the way around. Center window on top. Now you may tighten the hinge bolts completely. (Fig G) Now raise the window up and install the 2 gas struts. They pop onto the attached brackets on the top and the window.
- Step 8:** Install the included weather stripping pieces on the rear corners of the body tub. Trim if necessary. (Fig H)
- Step 9:** You may now tighten the rear mounting bolts along the rear of the top that you installed in Step 3. Installation of the top is now complete.

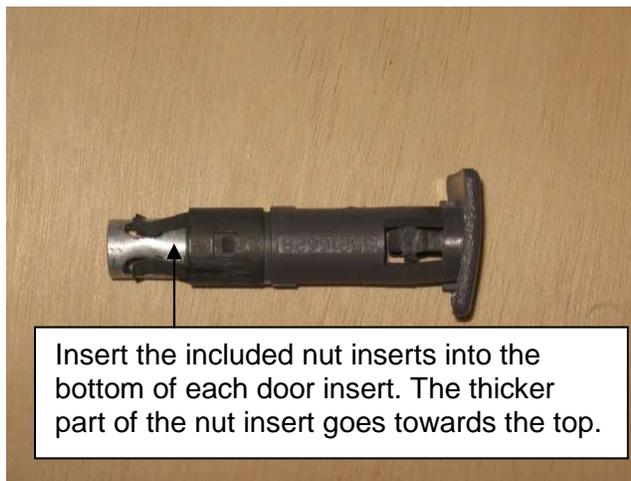


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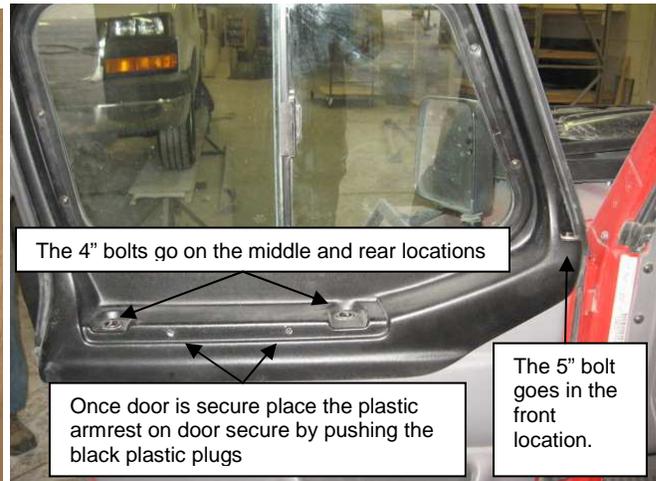
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UPPER WINDOW INSTALLATION

Step 1: Using a flat screwdriver or panel puller carefully pry out the factory door inserts in the top of the door. (3 per door) Insert the included nut inserts into the bottom of each door insert. The thicker part of the nut insert goes towards the top. (Fig I) Now place the door inserts back into the doors.



(Fig I)



(Fig J)

Step 2: Place the upper door on top of your factory half door lining up the holes in the door with the door inserts. Install the 4" bolt in the front hole and the 5" bolts in the middle and rear. (Fig J) Use caution when installing the bolts not to push the nut inserts out of the door inserts. Tighten each bolt to secure the door. (Do not over-tighten)

Step 3: Once door is secure place the plastic armrest on door secure by pushing the black plastic plugs through the armrest and into the door. (Fig J) Repeat steps 1 thru 3 for the other side. Installation is now complete. (Fig K, L)



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(Fig K)



(Fig L)

ADJUSTMENTS / INSTALLATION TIPS

Due to variations in construction and assembly procedures during vehicle manufacturing and also dealing with a vehicle that has been on the road for 5-10 years in most cases you will be required to make some sort of adjustments.

- 1.** In many instances the actual steel door on the vehicle will need to be adjusted. You can make adjustments to the lower doors by slightly loosening the door hinge bolts using a T40 torx bit and reposition the door for an improved fit. **NOTE: Use caution** when doing so.
- 2.** If the back side of the door is hitting the top, unhook the windshield latches, loosen the rear mounting bolts and then push top backwards. Re-tighten the rear bolts and re adjust front latches.
- 3.** If the top of the door is hitting the top, you can shim the top. Unlatch the front of the top and remove the rear bolts. You can shim top simply by placing the needed amount of flat washers over the mounting holes on the vehicle and the replace top over and reattach bolts.
- 4.** The OEM seal may need to be changed. Depending on the condition either one or all of the rubber seals needed for a good fit may need to be replaced. (Full Steel Door Seal, Cowl Rubber, Windshield header Seal.) Signs of a seal needing replacement is; worn, dry or flattening of the rubber.



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CARE AND MAINTENANCE

Wash and clean using a soft cloth and non abrasive soap and water. **DO NOT** use automotive past wax or something similar that use fillers like Armor all. It is recommend to use something like Auto Glym plastic conditioner. It contains weather resistant resin polymers to help reduce the aging effect cause by sunlight, water and other elements. It is available at most automotive detail outlets.

LIMITED WARRANTY

Smittybilt's products are covered under the following limited warranties only. Note that the duration of the limited warranty differs according to the material and finish of the product purchased. Subject to the duration and conditions of the limited warranty stated below, Smittybilt warrants to the original retail purchaser that its products are free from defects in material and workmanship. All other warranties and representations express or implied are hereby disclaimed, including fitness for merchantability and buyer's intended use or purpose. All parts are sold "AS IS" except for the limited warranties granted herein. Buyer assumes all risks as to the selection, suitability and performance of all goods and products selected. This limited warranty does not cover damage or impairment in any part due to misuse, improper installation, accident or contact with on-road or off-road hazards, product modification, improper or inadequate cleaning and/or maintenance. Smittybilt is not responsible for items damaged during shipping. This warranty is not transferable from the original buyer. For the original Buyer to be eligible for the limited warranty coverage, the Buyer must provide proof of purchase. Smittybilt strongly recommends returning the warranty registration card.

Customer's remedy hereunder shall be limited only to repair or replacement (at Smittybilt's option) of any defective part(s) returned to Smittybilt at customer's expense. The determination of whether or not a returned part is defective or subject to coverage under the limited warranties stated herein shall be made at Smittybilt's sole discretion.

To assure product quality, Smittybilt reserves the right to change product design, material, specification and finishes without prior notice to customers. This limited warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply as to you. Also, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Smittybilt reserves the right to discontinue product lines and substitute products, or provide other remedies than those listed in this limited warranty for those discontinued products.

1. Limited One (1) Year Limited Warranty

Smittybilt fiberglass/Hardtop products carry the foregoing limited repair or replacement warranty for a period of (1) one-year **against workmanship and defects in the material** from the date of purchase.

Warning

Rollover and other types of vehicle accidents may result in serious injury or death to you, your passengers and others sharing the road. Smittybilt accessories are decorative and are not intended to reduce or avoid injury or damage in the event of an accident. The weight and location of Smittybilt accessories may affect your vehicles' handling, stability and performance, creating an increased risk of accident or rollover. Before installing any accessory, check state laws and assure that the accessory will not obscure any lights or interfere with proper operation on your vehicle's safety equipment. Consult your owner's manual and the Smittybilt instructions, or additional safety information. Smittybilt products, nor the warnings contained herein, are not a substitute for your safe driving. Don't drink and drive, always use seat belts and don't drive faster than conditions permit