



Installation Instructions

Complete Soft Top Kit with Upper Doors for 88-95 Jeep® Wrangler YJ

Item #1560X1XX



Hardware Part List:

Bow Assemblies (L&R) - Qty 2
Windshield Channel - Qty 1
Side Belt Rail (L&R)- Qty 2
Corner Belt Rail (L&R) - Qty 2
Tailgate Brackets w/screws (L&R) - Qty 2
Bow Connectors - Qty 2
Upper Door Windshield Insert (L&R) - Qty 2
Tailgate Bar - Qty 1
5/16" Torx Screws - Qty 12
5/16" Tapping Plates - Qty 12
5/16" Flat Washers -Qty12
#8x1/2" Pan Self Screws - Qty 10
#8x1/4" Tap Mod Screws - Qty 11

(Note: There maybe an extra hardware in package)

Soft Part List:

Fabric Top - Qty 1
Quarter Window, Right - Qty 1
Quarter Window, Left - Qty 1
Rear Window - Qty 1
Upper Door Skin Right - Qty 1
Upper Door Skin Left - Qty 1
Door Frame Right - Qty 1
Door Frame Left - Qty 1

Required Tools:

Safety Glasses
Phillips Head Screwdriver
#40 Torx socket and Driver pliers
Drill
1/8" Drill Bit (optional)
3/16" Drill Bit (optional)
Shoe horn or large Spoon
Razor Knife
Phillips Screw Driver
Large Beach Style

NOTICE

This Complete Soft Top Kit is designed to fit on your YJ Wrangler when the hard top or original soft top has been completely removed. Before beginning your installation of this product, carefully remove your hard top or current soft top hardware. During the installation of this product you will encounter several steps that will require two people to properly install the hardware.

WARNING

Loss of vehicle control involves risk of death or serious injury, particularly to parts of your body not restrained within vehicle. This product is intended for weather protection only and should not be relied upon to contain occupants in the event of an accident or to protect from either ground contact or falling objects. To reduce risk of accident or injury:

- ALWAYS WEAR SEATBELTS
- Always keep head, arms & body parts within vehicle.
- Fully secure or stow the soft top before driving according to instructions. Never try to latch or fold soft top while driving. Do not use if damaged or worn.
- Read and follow all instructions & warnings accompanying this product, in your vehicle owner's manual and Off Road Driving Supplement.

CAUTION

RISK OF EYE INJURY. Safety glasses should be worn at all times while installing or maintaining this product.



Important Safety information

Your MasterTop® Complete Soft Top is intended to increase the fair weather enjoyment of your off-road capable vehicle. Before installation, please take a moment to review the following safety information and installation instructions. Important safety information is generally preceded by one of three signal words indicating the relative risk of injury. The signal words mean:

WARNING

a hazardous situation which, if not avoided, could result in death or serious injury. You **CAN** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

CAUTION

a hazardous situation which, if not avoided, could result in minor or moderate injury. You **CAN** be moderately **HURT** and also may suffer property damage if you don't follow instructions.

NOTICE

Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your MasterTop® product or other property may result if you don't follow instructions.

Before you begin Installation:

We are excited that you have chosen the MasterTop Complete Soft top Hardware System. This high quality bow and door surround system is designed to provide a platform for the installation of a fabric soft top. Please note that it is important that you become familiar with the installation process of this top by reading the following instruction sheet and warnings thoroughly.

When unpacking, carefully check to make sure all parts are included. If any part is missing or broken, please call MasterTop customer service at 720-575-5440.

Installation of Soft Top Hardware



Step 1: Windshield Channel Installation

Put on safety glasses. Position the two piece windshield channel on the vehicle lining up the existing screw holes as shown in Fig 1. Once in place, secure the windshield channel using the included 11 #8 x 1/4" tap mod screws. See Fig 2. Note: If installing the windshield channel to the vehicle for the first time (hard top vehicles) or if the holes do not line up, use the windshield channel as a template to drill 1/8" holes for installation.

Step 2A: Install Upper Door Windshield Inserts

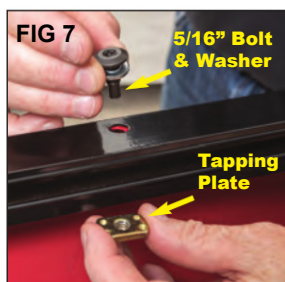
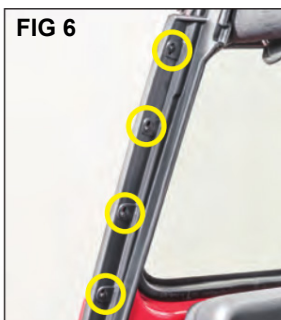
IF you are replacing current soft top hardware, locate the upper driver's side upper door windshield insert and position it over the existing holes drilled into the windshield. See Fig 3. Using a Phillips head screwdriver, install four (4) #8x 1/2" Pan Self screws through the existing holes securing the windshield insert to the windshield. See Fig 4. Repeat this procedure for the passenger side. Go to Step three.

WARNING

Make sure the Windshield Header and installation bolts are fully secured and tightened. Failure to fully tighten the bolts may cause the header to come off while driving.



Installation of Soft Top Hardware



Step 2B: Install Upper Door Windshield Inserts

IF you are installing soft top hardware for the first time, Locate the upper driver's side upper door windshield insert and position it over the windshield flange lining up the horizontal reinforcement with the top of the flange. See Fig 5. Using the Windshield insert as a template, mark and drill four (4) 1/8" holes through the windshield flange per side. See fig 6. Using a Phillips head screwdriver, install four (4) #8x 1/2" Pan self screws through the recently drilled holes securing the windshield insert to the windshield. See Fig 4. Repeat this procedure for the passenger side.

Step 3: Side Belt Rail Installation

Locate the driver's side Belt Rail assembly, (4) 5/16" Torx Bolts, (4) 5/16" Washers and (4) 5/16" Tapping plates. Place the side Belt Rail assembly over the top of the body tub lining up each hole with the factory holes in the body tub rail. As shown in Figs 7 & 8, secure the side belt rail with the bolt, washer and then the tapping plate under the body tub lip in all four hole locations. Repeat the above on the passenger side of vehicle.

Step 4: Corner Belt Rail Installation

Locate the driver's side corner belt rail assembly, (2) 5/16" Torx Bolts, (2) 5/16" Washers and (2) 5/16" Tapping plates. Place the corner Belt Rail assembly over the top of the body tub lining up each hole with the factory holes in the body corner rail. See Fig 9. As shown above in Fig 7, secure the side belt rail with the bolt, washer and then the tapping plate under the body tub lip in all two hole locations. Repeat procedure on the passenger side of vehicle. See Fig 10

Step 5a: Tailgate Bracket Installation

IF you are replacing current soft top hardware, locate the passenger and Drivers side Tailgate Brackets, (4) #10 -24x 1/2" Phillips machine screws, included in the brackets.

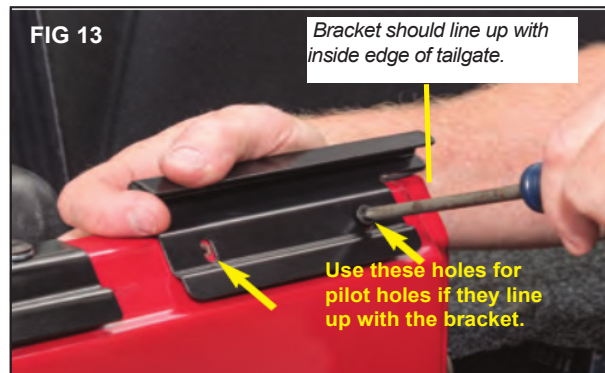
Take the passenger side tailgate bracket and line it up with the existing holes in the rear of the body tub. If the holes line up, use these holes as pilot holes to drill two 3/16" holes. Install the Tailgate bracket using the machine screws, then the star lock washer then the flat washer on the outside of the bracket and the Nylock nut on the inside of the body tub. See Fig 11 & 12. Tighten and repeat this procedure on the Driver's Side.

WARNING

Make sure when drilling that all wiring is moved away from the drill site. Failure to move the wiring can cause damage to your vehicles electrical system.



Installation of Soft Top Hardware

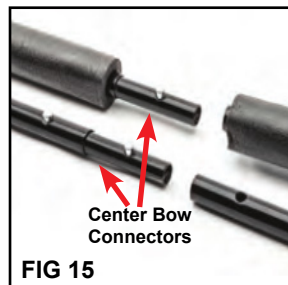
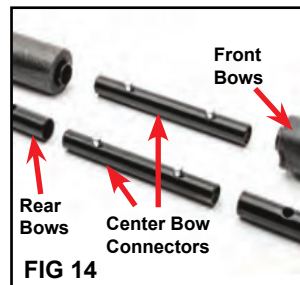


NOTICE

Make sure when drilling that all wiring is moved away from the drill site. Failure to move the wiring can cause damage to your vehicles electrical system.

Step 5b: Tailgate Bracket Installation

IF you are soft top hardware for the first time, Locate the passenger and Drivers side Tailgate Brackets, (4) #10 - 24x 1/2" Phillips machine screws included. Take the passenger sidetailgate bracket and line it up with the edge of the inside of the tailgate as shown in Fig 13. Using the tailgate bracket as a template, mark and drill two 3/16" holes. Install the Tailgate bracket using the machine screws, then the star lock washer then the flat washer on the outside of the bracket and the Nylock nut on the inside of the body tub. Tighten and repeat this procedure on the Driver's Side.

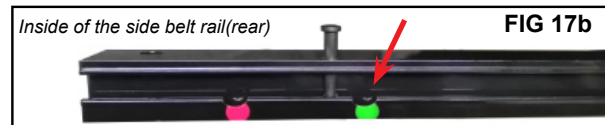
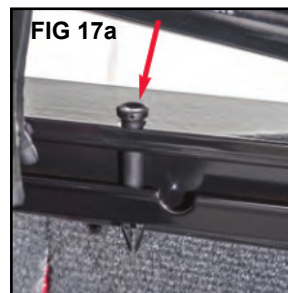


Step 6: Front and Rear Bow Assembly

Locate the left and right bow assemblies and (2) center bow connectors. Lay the bow assemblies on a soft surface lining up the two assemblies' top and bottom tubes with the bow connectors in-between each bow. See Fig 14. Attach the bow connectors to the center bows lining up the push buttons to the holes in the front and rear bows. Note: It will be helpful to pull back the foam on the front bows to expose the holes in the bows to line up the push buttons. See Fig 15.

NOTICE

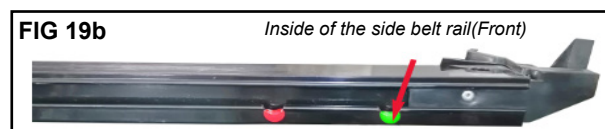
Steps 7 & 8 Will be easier with the help of a second person.



Step 7: Attach Bows to Side Belt Rails

Slide the ends of the front and rear bow assemblies into the tracks located on the inside of the side belt rails. These ends should be slid in from the rear of the vehicle towards the front of the vehicle and if possible, both driver's and passenger sides should be slid in together to prevent binding. See Fig 16. Once the bow assemblies are slid into the side belt rail tracks, locate and insert the side rail pin into the pre-drilled hole on the top of the side belt rail. See Fig 17a.

Note: The ends of the rear bow assembly should be placed in front of the notch shown with the green dot in Fig 17b.



Step 8a: Attach Bows to Windshield Inserts

Unfold the flat vertical and horizontal stamping and slide the front bow (with foam) forward raising the horizontal over door surround towards the front windshield. The front and rear bows should lock into the notch in the belt rail. See Figs 18 & 19a.

Note: The ends of the front bow assembly should be locked into the most forward notch as shown with the green dot in Fig 19b. If placed in the rearward notch, you will not be able to close your doors as the bow will interfere.

See continuation of step 8 on next page.



Installation of Soft Top Hardware

FIG 20



FIG 21



Step 8b: Attach Bows to Side Belt Rails

With the bow assemblies in place, insert the plastic locking tab over the windshield inserts large pin and slide the tab towards the rear of the vehicle locking the over door surround in place. See Figs 20 & 21. Repeat procedure on opposite side of vehicle.

WARNING

Make sure the upper door rail is securely locked into place prior to installing a soft top or driving. Failure to do so may cause personal injury or damage to the vehicle/soft top if it is not locked into place.

FIG 22



Step 9: Position the Top on the Vehicle

Place the soft top fabric on the top of the hardware system. The plastic header should be facing forward and the two rear corners should be facing down. See fig.22.

FIG 23



Step 10: Attach New Fabric to Bows

Locate the front and the rear snap straps and snap each to the front and rear bows securing the top to the hardware system. See Figs. 23, 24 & 25.

FIG 24



FIG 25



NOTICE

If your original factory hardware has been replaced with an aftermarket version, the center snap strap will not be used. If this is the case, remove the center snap and fabric.

FIG 26



FIG 27

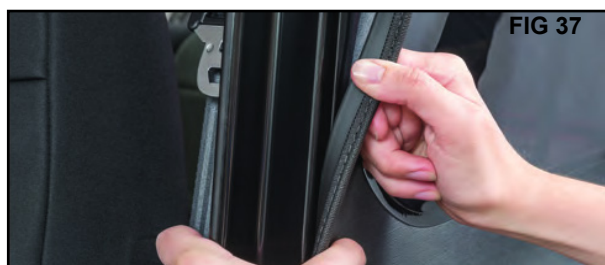


Step 11: Install Top Fabric into the Windshield Channel

Insert the front plastic windshield retainer strip sewn along the front of the top into the Windshield Channel front slot. Do not catch any fabric in the channel. While installing, make sure the top is centered side to side in the channel so that there is an equal distance from the center of the windshield. See Figs 26 & 27.



Installation of Soft Top Hardware



Step 12: Secure the Front Bow Assembly

Push the front bow assembly all the way forward into the notch found on the side belt rail. See Figs. 28 & 29.

Step 13: Install Rear Corners

With the rear bow not completely engaged, install rear corners into the corner belt rails ensuring the clear/white plastic reinforcement are not hooked into the railing. Line up edge of the plastic strip with the edge of the retainer. Repeat on the other side. See Fig.30.

Step 14: Secure the Rear Bows

Push the bottom of the rear bow back towards the rear of the vehicle until it snaps into place. Make sure the fabric rear corners are still engaged. Note: the first time this is done it will be very tight. See Figs 31 & 32.

Step 15: Lock Spreader Bars in Place

With the rear bows secured, push up on the spreader bars until they lock into place. Make sure when pushing up on the spreader bars that you go straight up and not up and "inwards" while pushing. Pushing inwards will damage your spreader bars. See Figs 33 & 34.

Step 16: Install Side Curtains

Release the spreader bars. Line up and attach the top and side zippers on the side curtains approximately 2-3 inches. Note that the side zipper may not line up with the corner fabric unless you slide the corner fabric around in the belt rail towards the front of the vehicle. Once the side zipper is attached and zipped up 2-3 inches, you can slide the corner back around towards the rear of the vehicle and line up the black plastic strip with the edge of the retainer. See step 16 and see Figs 35 & 36.

Step 17: Insert Side Curtains into Vertical Door Surround Retainer

With the top and side zippers still only partially closed 2-3", slip the plastic strip on the front of the side curtain into the retainer channel on the vertical support bow. See Fig 37.





Step 18: Attach Side Curtains to Body Belt Rail

While pulling down, slip the side curtain bottom retaining channel into the body belt rail starting from one end and pressing down to the other as shown in Figs 38 & 39.

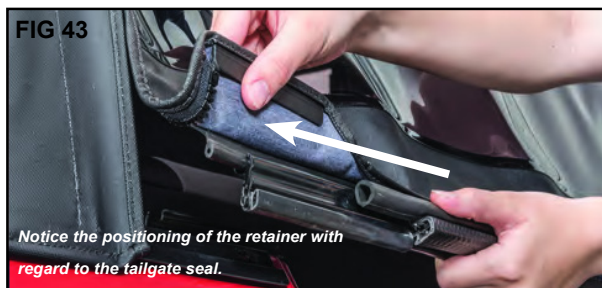


Completely zip up side curtain Zippers, re-engage spreader bars and then completely zip top side curtain zipper. See Fig 40. Repeat steps nine through eleven on the other side of the vehicle.



Step 19: Install the Rear Curtain

Attach the Top Zipper on the rear curtain to the top. Zip across 3-6" only. Attach both side zippers on the rear curtain to the top zipping them down about 3-6". See Figs 41 & 42.



Step 20: Install Tailgate Retainer

With the rear curtain loosely installed, open the tail gate and slide the rear curtain retainer onto the bottom of the rear curtain. See Fig 43.



Step 21: Securing the Rear Tailgate Retainer

With the rear curtain attached, "roll" the rear tailgate bar into the two rear tailgate retainers. Once engaged into the retainers, slip the rear curtain plastic retainers into the bottom of the tailgate retainer channel. zippers closed.

See Figs 44, 45 & 46. Zip the rear curtain top and two side zippers closed.





Step 22: Snap Top Over Door Snaps

Fasten snaps on top to the over door sliding studs on hardware. Snaps should easily slide to match snap locations on the top. See Fig 47.

The Soft top portion of the installation is now complete.

WARNING

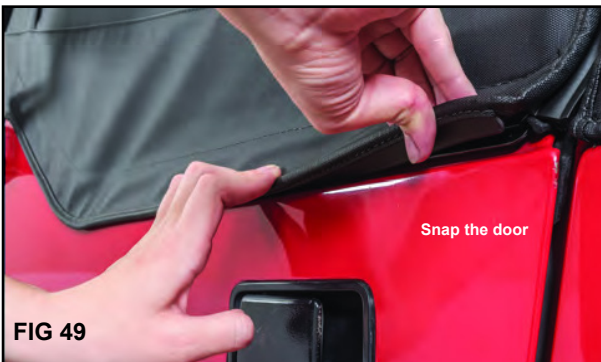
When using a razor knife, be sure to keep hands, fingers and other body parts safely away from the knife blade. Use extreme caution as serious injury can occur.

FIG 48



Step 23: Remove Old Upper Door Skins

Remove the upper door fabric from the door frames. Use a razor knife to carefully cut the stitches on the upper door frame fabric and remove them from the metal door frame. See important warning at left.



Step 24: Install Your Upper Doors

Install upper doors to hard half doors. Insert the pins into the door grommets in the lower hard half doors. Note that for the doors to work properly the door grommets must be un-damaged and in place. Snap the front snap on the front of the door to the snap stud on the hard half door. Work the plastic retaining strip into the door rail to secure the upper door to the hard half door. See Fig 48 & 49.

The Complete Soft top Kit with Upper Doors installation is now complete.

WARNING

Your MasterTop Door skins are designed to fit over your factory supplied door frames and will only provide protection from the elements. Do not rely on these soft upper doors to contain the occupants within the vehicle or to protect against injury during an accident. **WEAR SEAT BELTS AT ALL TIMES.**

Care and Maintenance of your MasterTop® Product:

Your MasterTop Replacement Top is made of the finest materials available but to keep it looking new and for the maximum possible wear, it will need periodic cleaning and basic maintenance. The main threat to your soft top is pollutants, dirt and grime. Please see separate sheet for care and maintenance recommendations.





Limited 3 Year Warranty

Your MasterTop® accessory is covered by the following Limited Warranty provided exclusively by MasterTop, Inc., 420 J Corporate Circle, Golden, CO 80401.

This Limited Warranty is the only warranty made in connection with your purchase. MasterTop neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty. This Limited Warranty does not apply and is not cumulative to any accessory or part distributed by any MasterTop distributor for which the Manufacturer provides a separate written warranty.

What is Covered: Subject to the terms, exclusions and limitations herein and with respect only to MasterTop branded accessories first sold in the United States, MasterTop warrants to the initial retail purchaser only that your MasterTop accessory shall be free of defects in material and workmanship; **for a period of 3 years from date of initial retail sale.**

All other warranties are hereby disclaimed, except to the extent prohibited by applicable law in which case any implied warranty of merchantability or fitness for a particular purpose on this product is **limited to 3 years from date of initial retail sale.** MasterTop reserves the rights to: (a.) require invoice or other proof your product is within the terms of this Limited Warranty as a condition of warranty service and, (b.) make future revisions to this product and Limited Warranty without prior notice or obligation to upgrade your product.

What is Not Covered: Your MasterTop Limited Warranty does not cover products or parts MasterTop determines to have been damaged by or subjected to: (a.) installation damage, alteration, modification, failure to maintain or attempted repair or service by anyone not authorized by MasterTop, (b.) normal wear and tear, cosmetic damage or damage from water immersion, (c.) Acts of God, accidents, misuse, negligence, inadequate mounting or impact with vehicle(s), obstacles or other aspects of the environment, (d.) theft, vandalism or other intentional damage, (e.) fleet, rental or commercial use, (f.) use in competition or racing.

Remedy Limited to Repair/Replacement: The exclusive remedy provided hereunder shall, upon MasterTop inspection and at MasterTop's option, be either repair or replacement of product or parts (new or refurbished) covered under this Limited Warranty. Customers requesting warranty consideration on MasterTop Products should first contact MasterTop to obtain a RGA number (720-575-5440). All labor, removal, shipping and installation costs are customer's responsibility.

Other Limitations - Exclusion of Damages

- Your Rights Under State Law:

In consideration of the purchase price paid, neither MasterTop nor any independent MasterTop distributor /licensee are responsible for any time loss, rental costs, or for any incidental, consequential, punitive or other damages you may have or incur in connection with any part or product purchased. Your exclusive remedy hereunder for covered parts is repair/replacement as described above.

This Limited Warranty gives you specific rights. You may also have other rights that vary from state to state. For example, some states do not allow limitations of how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.

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