

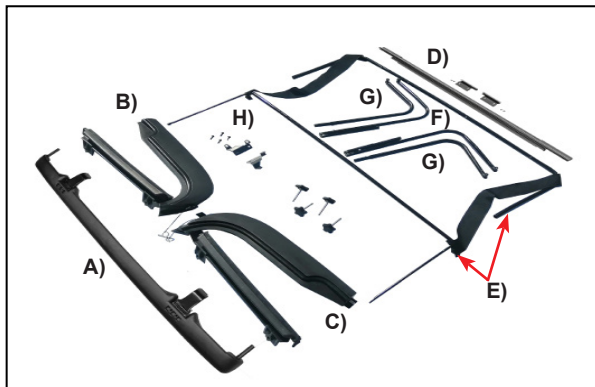


Installation Instructions

Replacement Soft Top Hardware for 1997 2006 Jeep® TJ Wrangler Item #15431201



Complete Hardware Installed
without Soft Top Material



Part List:

A) Windshield Header	QTY 1
B) Passenger Side Door Surround Kit	QTY 1
C) Driver Side Door Surround Kit	QTY 1
D) Tailgate Bar with Clips	QTY 1
E) Center/Rear Bow	QTY 2
F) Driver/Passenger Rear Bows Legs	QTY 2
G) Driver/Passenger Over Door Bows	QTY 2
H) Bow Brackets with set screws	QTY 2

Required Tools:

Safety Glasses
Phillips Head Screwdriver
Large Soft Towel
Power Drill
3/32" Drill Bit
T30 Torx wrench
10mm Wrench

NOTICE

This Complete Soft Top Hardware kit is designed to fit on your TJ Jeep® 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 and soft top hardware.

NOTICE

During the installation of this product you will encounter several steps that will require two people to properly install the soft top 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® Soft Top Hardware Kit is intended to be used with other MasterTop Products 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.

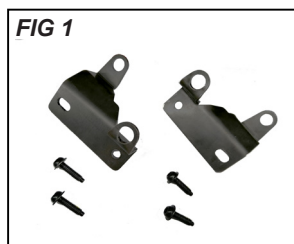
NOTICE Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your MasterTop® product or other property may result if you don't follow instructions.

Before you begin Installation:

We are excited that you have chosen the MasterTop® Soft Top Hardware Kit. This high-quality soft top is designed to provide protection from the elements and a stylish look on your Jeep®. Please note that it is important that you become familiar with the installation process of this top 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.

NOTICE For a smooth fit and ease of installation, this top should be installed at temperatures above 72 degrees. Below this temperature, the fabric may contract an inch or more making it difficult to install. We highly recommend taking the top out of the package and letting it sit inside a warm place or direct sunlight for 1-2 hours before you install the top. When warm, this top will install quickly.

Step 1: Install Bow Mounting Brackets to the vehicle



Locate the (2) bow mounting brackets (4) torx head pivot bracket bolts (FIG1). Carefully unzip the roll bar padding on the vertical side tube to expose the two factory holes in the roll bar (FIG2). Locate the bow mounting brackets over the factory holes and using the torx head pivot bracket bolts and a T30 torx head, install brackets to the roll bar (FIGs 3&4). Slip the roll bar padding back over the installed brackets carefully slipping the bracket mounts through the slits in the roll bar padding.

Repeat on passenger side.

Step 2: Install Door Surrounds to Vehicle



Locate the (2) Door Surround with Brackets & Pin installed and (4) door surround knobs (FIG5 & 5A).

Starting on the Driver's side, if you have the rubber seal shown in Fig 6 **this seal must be removed**. Once the seal is removed, insert the bottom of the door surround into the hole located just behind the front door (FIG 6 & 7).

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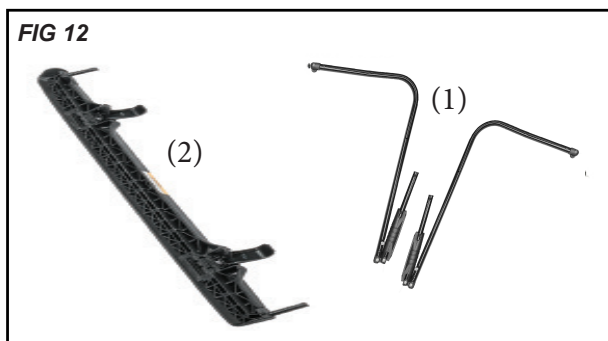
Locate the "C" clamps on the upper horizontal over door section and line them up with the holes in the horizontal tubes of the roll bar. Press the "C" clamps onto the horizontal tubes and the front portion of the door surrounds forward into the rubber gasket on the windshield (FIGs 8 & 9).

With the door open, stand on the door sill and locate the two "C" clamp holes. Screw in a Door surround knob into each "C" clamp into the horizontal tube of the roll bar (FIG's 10 & 11).



Secure the knobs tight. Repeat on passenger side.

Step 3: Windshield Header/Over Door Bow Installation



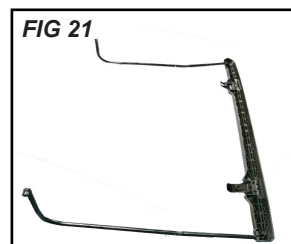
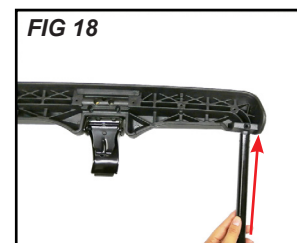
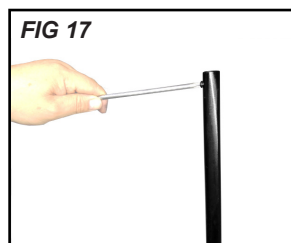
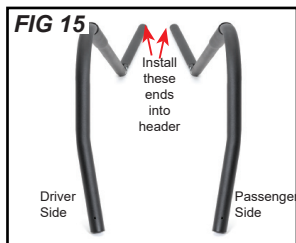
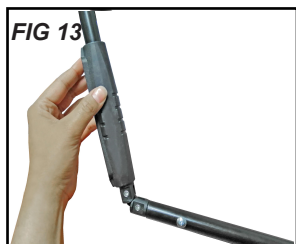
Locate the driver's and passenger side over door bows w/ "sleeves" (1), and the front header assembly (2) in FIG 12

Slide the plastic tube sleeves over the short ends of the over door bows covering the "bow knuckle" (FIG's 13 & 14). These bows have the set screw installed on the end of the bow.

Important: As shown in (FIG 15), the over door bows have a bend in them that identifies the side. When you install these over door bow to the header the Rivet heads should be facing inwards as shown in (FIG16).

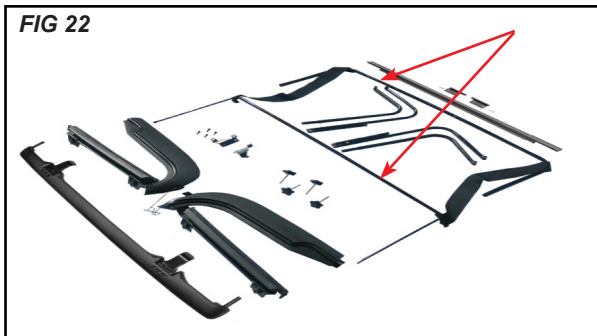
Remove the set pan head screw (FIG 17). Slip the front bow end into the Header mount making sure it is as far forward as possible (FIG 18). Using a 3/32" drill bit, drill a pilot hole into the header (FIG 19). Remove the Bow end from the Header and again using the 3/32" drill bit, drill a hole through the previous drilled pilot holes into the inner steel rod of the header until you feel the drill go through the steel inner. This may take some force. With a Phillips head screw driver, install the over door bow to the Header using the set screw you previously removed (FIG20).

Repeat this on the other side of the header so you have both side tubes installed (FIG21)



Step 4: Install Center/Rear Bow to Over Door Bow / Front Assembly

FIG 22



Locate the front header /over door bow assembly put together in step 3 and the center/Rear bow assembly with the two fabric sections attached in FIG 22.

On the over door bows you will find a set pan head screw installed and lock nut just behind the "bow knuckle".

Remove the set pan head screw and lock nut (FIG 23). With the header assembly laying right side up and the two over door bow ends facing down on the ground, place the center bow inserts on top of the bows and locate the end of the small rod on the inside of hole. Using the pan head screw and lock nut, attach the center bow the over door bows (FIG 24).

With a Phillips head screw driver and 10mm wrench, secure the screw and lock nut on each side of the tube as shown in FIGs 24 & 25).

Repeat this procedure on the other side of the center bow/ Over door Bow header assembly.

Set this complete bow assembly to the side.

FIG 23

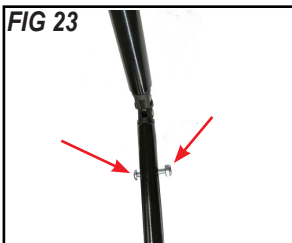


FIG 24



FIG 25



Step 5: Install Complete bow assembly to the Vehicle

FIG 26



FIG 27



Locate complete bow assembly from step 4. With a friend, carefully place the assembly on top of the vehicle with the front header placed on the windshield, the side over door bows, resting on the door surrounds, and the rear bow lay behind the back seat (FIG 26)

Line up the over door bows assembly to the upper bow mount bracket (Fig's 27 & 28) place the Quick release knuckle with the upper bow mount bracket (knob facing out) pull the knob out and down over the bracket until you hear a "click" (FIGs29 & 30).

Repeat on passenger side.

FIG 28



FIG 29



FIG 30



Step 6: Securing Bow System

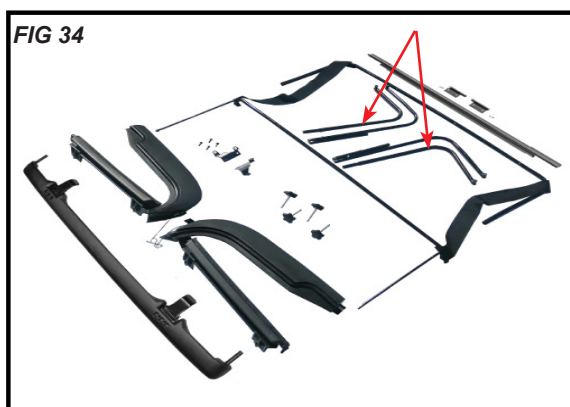


Your MasterTop Soft top hardware system features a fold back front portion over the driver and passenger. When folding back your soft top front portion, you must secure the side bows to the vehicle to prevent the entire hardware system from folding to the rear of the vehicle. This step attaches the over door bow mount brackets to the door surrounds which will be used to secure your bow system.

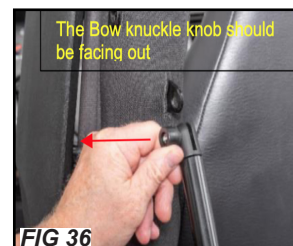
Locate the bow mount bracket and pin installed on the Door-surround. (FIG 31) When the front header is latched and the bows are lying on top of the bow mount bracket, secure the pin in through the bracket as shown in FIGs 32 & 33.



Step 7: Installing the rear bow assembly



Locate the Two Rear Bow Legs as shown in Fig 34. The bow legs have a bow mount knuckle installed on one end and a set screw located in the bow. Take the drivers side Bow leg and install the bow knuckle (Figs 36,37 & 38) to the bow mount bracket (Fig 35) making sure the Bow knob is facing outward and the bow leg end is facing up as shown in Fig 39. Repeat this on the opposite side of the vehicle again, making sure the Bow knob is facing out. Once both bow legs are attached to the vehicle, remove the set screw in each leg and set aside (Fig 40)



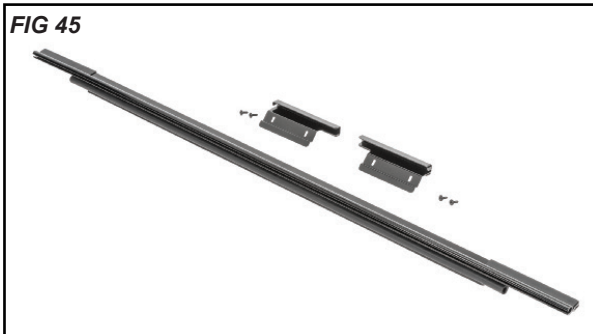
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With the help of a friend, lift up the rear bow (attached to the center bow with two strips of fabric) and place the rear bow into the Rear bow legs as shown in Figs 41 and 42. Make sure the rear bow is completely seated into the bow leg. Re-insert the set screw into the bow assembly securing the rear bow to the bow legs (Fig 43 & 44). Repeat this process on the other side of the vehicle.

Step 8: Installing the Rear Tailgate Bar Brackets



If the vehicle has previously had a tailgate bar bracket (Soft Top Vehicles): Locate the Tailgate bar and Tailgate bar brackets as shown in Fig 45. Place the Tailgate Bar Bracket on the outside of the tailgate opening lining up each hole (from previous Tailgate brackets) with the existing holes already drilled in the tailgate (FIGs 46 & 47).

Hand tighten all provided #8 x 1/2" Pan Head washer screws into place holding the Tailgate bracket in place. Repeat on other side of Tailgate opening. Using a Phillips head screwdriver, tighten all four screws securing the tailgate bar bracket to the vehicle.

Do not use a drill or screw gun to tighten. Doing so may over tighten the screws causing damage to your body tub (FIGs 48, 49 & 50). **If the vehicle has not had a tailgate bar bracket on it before:** Line up the driver's side Tailgate Bar Bracket with the inside of the tailgate opening as shown in FIG 47. Use the retainers as a template to mark and drill two 1/8" holes. Using a Phillips head screwdriver, tighten each screw until the Tailgate bar bracket is secure.

Do not use a drill or screw gun to tighten. Doing so may over tighten the screws causing damage to your body (FIGs 49 & 50) Repeat on Passenger side.



Using Your Soft Top Hardware

FIG 51



FIG 52



Folding Back the Front Section of your Top

Your Master Top Soft top hardware system features a fold back front portion over the driver and passenger. When folding back your soft top front portion, you must secure the side bows to the vehicle to prevent the entire hardware system from folding to the rear vehicle. See the images at left illustrating how to secure the over door bows to the bow mount bracket.

WARNING

You must secure the side bows to the vehicle using the included bow bracket and pin. Failure to secure your bows while driving can result in serious injury or damage to your vehicle and or soft top.

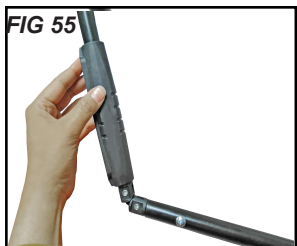


FIG 56



Folding Back the entire Bow system to the rear of the vehicle: If you wish to fold back the entire bow system to the rear of the vehicle (drive without the top up), follow the following steps:

1. **If driving, stop the vehicle and put in park.** Unlatch the two front windshield header latches from the windshield and unhook the entire soft top from the door surrounds and side of the body of the Jeep. The fabric can remain on the windshield header.
2. Make sure the metal Tube sleeve is slipped over the Bow knuckle on the over door bows: **THIS IS VERY IMPORTANT.** Not having the sleeves over the knuckles can cause the knuckles to incur a side stress causing the knuckles to break.
3. Unhook the pins securing the over door bows to the door surrounds (see above Fig 57).
4. With the help of a friend, fold back the entire top to the rear of the vehicle and secure it behind the rear seat.



WARNING

Make sure the bow sleeves are over the Bow knuckles before folding the entire Top back to the rear of the vehicle. You must secure the bows and attached soft top to the rear of the vehicle while driving. Failure to secure your bows while driving can result in serious injury or damage to your vehicle and or soft top.





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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