



# Installation instructions

## ShadeMaker Mesh Bimini Plus Top for 2018- Current Jeep® JL 2 Dr. Wrangler Vehicles

Item #142015XX



### Parts List:

Mesh Front Section	QTY 1
Mesh Rear Section	QTY 1

### Required Tools:

Safety Glasses  
T-25 Torx bit and Driver  
(Found on your on-board tool Kit)

### 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® ShadeMaker Bimini Top Plus 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. A hazardous situation which, if not avoided, could result in minor or moderate injury.

### **CAUTION**

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 ShadeMaker Mesh Bimini Top Plus! These high-quality tops are designed to enhance your fair-weather driving pleasure while providing needed shade while driving in the hot sun. 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. Though we use only the finest materials in creating this top, any product that is exposed to the elements requires some general maintenance to keep it looking like new. Please see page 7 for these important maintenance tips. Please also note that it is normal for the mesh fabric to contract and wrinkle when stored in the shipping carton. In a few days the fabric will relax and wrinkles will disappear.

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

## IMPORTANT Instruction Sheet Strap Installation Note: (all versions)

Installing the MasterTop ShadeMaker Mesh tops entails the wrapping of nylon webbing around several locations on your factory installed sport bar. In order to simplify the installation process, the following instructions show the general location of these straps and may not match exactly to the model you purchased. In all cases, the straps are to be wrapped around the sport bar and not around the door surround hardware.



### Threading Straps through Buckles:

Throughout the installation, you will need to thread webbing straps through buckles several times. Please review the picture for correct strap routing through the buckles. As a rule of thumb, run the strap below and through the sewn side of the buckle first and then back down through the end of the buckle. Tighten the strap by simply pulling the exposed webbing after threading the strap through the buckle.

### **NOTICE**

Remove your factory hard or soft top before installation. For those vehicles with a factory soft top, you will NOT be using your factory soft top header for this installation.

## The ShadeMaker Mesh Top Concept:

The MasterTop ShadeMaker Mesh Bimini Top/Bimini Top Plus series are designed as an easy-on, easy off sun shade for your Jeep. The tight mesh weave is specially designed to block the heat caused by the sun while letting light and air to flow freely. The installation of these products is easy, requires no windshield header, and allows this product to be left on while you run your hard or your soft top.

Enjoy the shade and thank you for purchasing MasterTop products!



## Installation of ShadeMaker Bimini Plus Top:



### Step 1: Attach the Mesh Front Section to the Front Windshield Pillar

Put on safety glasses.

After removing your hard top or soft top, locate the front section of your Bimini top Plus and drape the Front mesh fabric over the top of your Jeep with the flat straight edge facing forward.

Wrap the long front straps around the Sport Bar, through the gap between the front roll bar and the windshield and back to the buckle on the strap. See FIGs 1 & 2. Note: To make this “threading process” easier, run your fingers over the end of the strap to keep it from curling. Repeat on the other side of the vehicle.

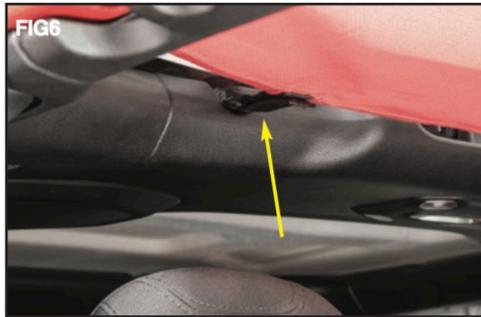
Tighten each side strap making sure the top is centered on the vehicle and that the front portion is pulled forward. These straps should be very tight to keep the mesh from moving rearward. See FIG 3.

### Step 2: Attach Front Section to Rear B Pillar

Locate the two rear corner straps and wrap around the “B” pillar. Thread the straps through the buckle and secure making sure the top is centered on the vehicle. See FIG's 4 & 5.

Repeat on the other side of the vehicle.





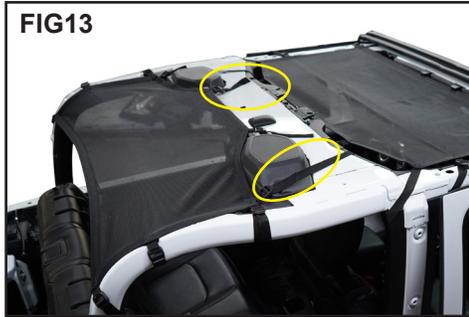
Once the rear corner straps are secure and the top is centered, locate the two rear hook and loop center straps attached to the rear of the top (See FIG's 6 & 6A).

Using a T25 Torx bit (found in your factory on-board Torx tool kit) and driver, remove the screw on the sound bar header and install the webbing using the same screw (Figs 7 & 8). Thread the Hook and loop strap on the rear of the mesh top through the rectangle loop and tighten (Fig 9 & 10).

Repeat this procedure for both of the screw/strap locations.

**Front Mesh Bimini Top Installation is now complete.** See following pages for installation of the Rear Section.

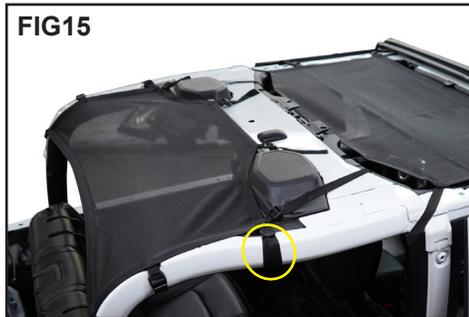




### Step 2: Attaching the Rear Mesh to B-Pillar

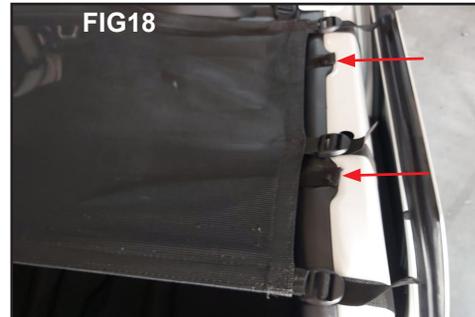
On the Rear Mesh, locate the two center buckle straps with the hook straps. (FIG11). Thread the hook straps into the hooks and hook the straps into the oblong holes located in front of the buckles (FIG 12). The Hooks will seem too big for these holes but they will go in if you twist them slightly back and forth. Do not tighten yet.

Locate the two outside front straps on the rear mesh as circled in Fig13. Wrap the straps under the B-Pillar/Sound bar and back to the top buckle attached to the rear mesh (Fig 14). Repeat on the other side and then tighten these straps.



### Step 3: Attaching the Rear Mesh to the Rear Roll Bar

Locate the first side strap circled in FIG 15. This strap will wrap around the roll bar and attach to the buckle located on the rear mesh top. Connect this strap to the buckle (FIG 16). Repeat this on the opposite side and tighten these straps starting on one side and then going back and forth to make sure the top is centered.

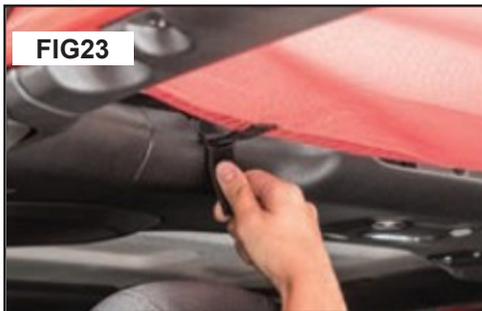




There are two straps on each side of the rear roll bar as circled in FIG 17. Each of these rear straps attach directly to the factory Torx head screws on the inside top of the roll bar as highlighted in FIG 18. Using a T25 Torx bit (found in your factory on-board Torx tool kit) and driver, remove the screws on the roll bar shown in FIG 18 and install the webbing using the same screw by running the screw through the hole at the end of the strap (Fig 19).

Once the webbing is installed on these Torx head bolts, tighten the screw (Figs' 20 & 21) and then wrap the strap around the roll bar and thread the strap to the buckles as shown in FIG 22. **NOTE:** On the rear strap, it should be looped under the Seat belt mount and back up to the buckle. Repeat on the other side and tighten all straps starting on the front rear strap working your way back towards the rear of the vehicle (starting at the center front Hook straps). Be sure to tighten one strap on one side then the other strap on the other side of the vehicle so you keep the mesh centered.

### Using your Shademaker Mesh Top



**Removal or Reinstallation of Freedom Panels:** To remove or re-install your hard freedom panels, undo the hook and loop on the Rectangle loop and strap installed on the sound bar in step #2 to put your hand behind the mesh (Fig 23 & 24). Lock the latches and reinstall the hook and loop on the sound bar strap. Repeat on the other side.



### Working with Freedom Panel Front Latches:

The front latches can be installed by slipping your hand under the mesh near the front corner of the top (FIGs 25 & 26) and then latch the front Freedom panel latches. Repeat on the other side of the top.



## After Installation Strap Maintenance



### Shorten Excess Length from Straps

To ensure installation of the Freedom Mesh Top goes as smoothly as possible, we have made several of the straps longer in length than is necessary.

To shorten the straps, follow the following procedure: With the top completely installed, using heavy duty scissors cut the desired length of strap at a 45-degree angle (Angle makes threading strap through buckle easier for future installs) (Fig A). Using a lighter, carefully singe the ends of the strap (run the flame quickly back and forth over the end of the strap) being careful not to catch the strap on fire and keeping your fingers a safe distance from the fire (Figs B & C). This process will seal the ends of the strap and keep it from unraveling. Repeat this procedure on any strap you deem to be too long. See Warning below!

### **WARNING**

**Potential Fire and Burn hazard. When singeing the ends of the straps never let it catch on fire. Always have a fire extinguisher handy in case the strap does catch on fire. Once the Strap is singed, DO NOT touch the end of the strap as to avoid the potential for burning skin. Always singe the straps outside in a well ventilated area away from any fuel or the vehicle itself.**

## Care and Maintenance of your MasterTop ShadeMaker™ Bimini Plus Top:

Your MasterTop ShadeMaker Bimini Top or Bimini Top Plus 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. By keeping your top clean you will prolong the life of your top.

We recommend the following to keep your top like new:

### Washing:

The top fabric should be washed often using a mild soap, warm water and a soft bristle brush. You can also use special soft top cleaners available on our Distributors websites. Make sure that after cleaning you rinse with clear water to remove all traces of soap to avoid residue. Hang to dry, do not put a ShadeMaker Top in a clothes dryer.

### For more information on MasterTop:

This and other helpful product information is available on [www.mastertop.com](http://www.mastertop.com)  
Please visit our website frequently for product updates and exciting news.





# 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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