



# Installation Instructions

## ShadeMaker™ Freedom Mesh Bimini, Bimini Plus Tops for 2007-2018 Jeep® Wrangler JK Vehicles Items #142013XX, #142213XX and #142214XX



**Parts List:**  
ShadeMaker Mesh Fabric Bimini Top  
or Bimini Top Plus - QTY 1

**Required Tools:**  
Safety Glasses

**⚠ 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, Bimini Top Plus are 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 ShadeMaker Freedom Mesh Bimini Top/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 while allowing you to keep the mesh top on when you put your hard or complete soft top back on your Jeep. 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 have used 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 Freedom 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 unless noted.



### Attaching Quick Release Buckles:

Throughout the installation you will need to attach several buckles around the sport bar of your Jeep. The MasterTop quick release buckles are designed for easy on-off installation. To buckle, simply insert the buckle pins into the Buckle box until it "clicks" shut. To disengage, squeeze the sides of the buckle box until the pins unclip. To tighten the strap, simply pull the exposed webbing "tab" located where the strap is threaded through the buckle.

#### **NOTICE**

Remove your factory hard top Freedom Panels or fold back your soft top before installation of the Freedom Mesh Top. For Freedom Top Mesh Bimini Plus tops, the rear of the hardtop must be removed as well for proper installation. Once installed, the Freedom Mesh Top can remain installed with the hard top in place.



## The ShadeMaker Freedom Mesh Concept:

The MasterTop ShadeMaker Mesh Bimini top 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 and requires no tools or 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 from MasterTop!

## Installation of ShadeMaker Mesh Bimini and Bimini Plus Tops:



### Step 1: Attach to Windshield (all versions)

Put on safety glasses. After removing/folding down your hard top Freedom Panels or soft top, drape the mesh fabric over the top of your Jeep with the snap straps facing forward. Thread the snap strap through the center windshield footman hoop and snap together to the snap that is closest to the snap head. Note that the Strap may fit somewhat sideways through the center footman loop depending on the model year of your Jeep. See Figs 1 & 1A



### Step 2: Front Side Snap Mount

On 07-17 models it is required to attach the front snap straps to the larger side factory D-rings mounts on the windshield. Line up the snap straps with the large D-rings and snap closed. See Fig 2.

**For Bimini Top Plus Installation, skip to page 5.**





## Installation of ShadeMaker Freedom Mesh Bimini Top:

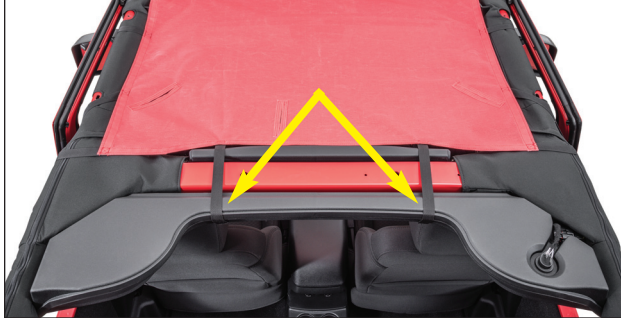
FIG 3



### Step 3: for Bimini Top only Secure Side Straps

After securing the front of the Bimini Top to the front Footman loops, wrap the front side corner straps around the horizontal sport bars located over the front portion of the door and connect the buckles. Repeat this strap install around the sport bar. Buckle straps together and tighten straps on each side evenly while making sure the top is centered on the vehicle. We suggest you tighten from front to back, left side first then right side so top is centered. Then repeat until top is fairly tight. You will tighten top completely after step 4. See Fig 3 for side strap location on the sport Bar.

FIG 4



### Step 4: for Bimini Top only Secure Rear and Corner Straps

Locate the 2 rear straps and wrap the strap around the sound bar or center support and the center hoop of the sport bar. Attach straps to buckles and cinch tight. See Fig 4.

Locate the rear corner straps and wrap the straps around the corner "B-Pillar" as shown in Fig 5.

Note how the corner strap fits under the seat belt mount as shown in Fig 6. Tighten all straps.

FIG 5



FIG 6



**For 07-18 JK 2 Door Vehicles, installation of ShadeMaker Freedom Mesh Bimini Top is complete.**

#### **⚠ WARNING ⚠**

Make sure the rear tension straps DO NOT interfere with rear seatbelt operation.



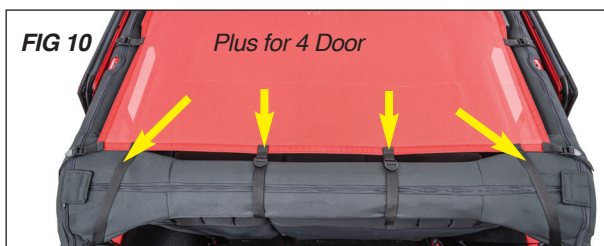
## Installation of ShadeMaker Mesh Bimini Top Plus:



### Step 3: for Bimini Top Plus: Secure Side & B-Pillar Straps

After securing the front of the Bimini Top Plus to the front footman loops, wrap the side straps around the horizontal Sport Bars over the door(s) of the vehicle and attach buckle pins into the buckles. See Figs 7 & 8 for strap location.

Notice in Fig 8A how the center straps attach to the “B pillar” on 4 Door JK Wrangler. Tighten the straps while making sure the top is centered on the vehicle. We suggest you tighten from front to back, left side first then right side so top is centered. Then repeat until top is fairly tight. You will tighten top completely after step 4.



### Step 4: for Bimini Top Plus: Secure Rear Straps

Locate the rear straps (Fig 9 & 10) and note how the corner strap fits under the seat belt mount as shown in Fig 6. Attach and tighten straps while making sure the top is centered on the vehicle. Tighten all straps after attaching to buckles.

For 07-18 Wrangler Vehicles, installation of your ShadeMaker Mesh Bimini Top Plus is complete.

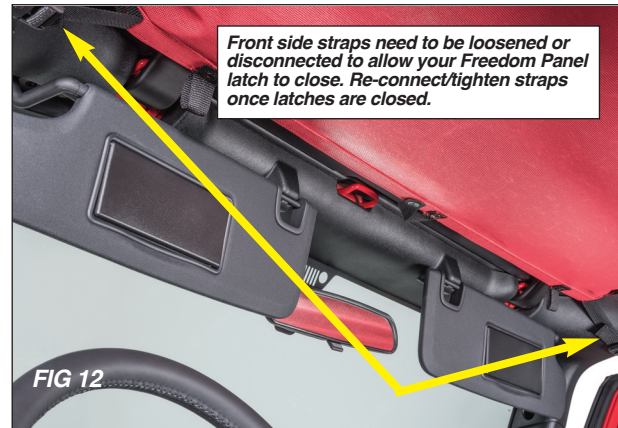


**⚠ WARNING ⚠** Make sure the rear tension straps DO NOT interfere with rear seatbelt operation.



### Using your ShadeMaker Freedom Mesh Top with your Hardtop or Soft Top Installed:

Your Shade Maker Freedom Mesh top is designed to work with your hard top or original equipment soft top installed. Regardless of which top you have, each ShadeMaker top will need to be disconnected from the windshield footman loops so you can attach your top header or freedom panels to the windshield. If your front side straps are tight, this disconnection should not cause any unsightly drooping of the fabric.



#### For Hardtop or Soft Top: Installation with Mesh Top “in place”:

Un-snap all three front snaps from the windshield footman loops. Take each snap strap and snap it back to the snap stud outside the footman loop. This will keep the snap straps from hanging down. Loosen or disconnect the front two side straps near the roll bar so the Freedom panel latches can move freely. Latch the soft top or freedom panels to the front of the windshield. Re-connect/Tighten the front two side straps to tighten the front of the mesh top. See Fig 11 & 12.



#### Freedom Panel Installation with Mesh Top “in place”:

Your Freedom Mesh Top has cutouts for attaching the factory Freedom Top panels back on the vehicle. As shown above in Fig 13 after placing the Freedom Top panels on the vehicle, slip your hand through the cutouts to secure the Freedom panels to the vehicle. Note that for the outside Freedom panel latches it may be easier to reach around the fabric to install the panels. For Bimini Plus models, the two rear “screw knobs” fit through the Freedom panel cut-outs above the sound bar as shown in Fig 14.

#### **CAUTION**

Make sure all Freedom Panel latches and screw knobs (where applicable) are secure and tight before driving.





07-18 JK 4 Door Wrangler  
with ShadeMaker Freedom  
Bimini Plus shown installed.



### **Care and Maintenance of your MasterTop ShadeMaker™ Bimini, Bimini Plus Tops:**

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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