



Installation Instructions

MasterTwill® Combo for Hard Top Equipped 2007-2018 Jeep® Wrangler JK 2 Door Vehicles

Item #14811824, 4-Piece Combo Kit



Part List: Cable Bimini Top Plus

Bimini Top Plus - QTY 1
Windshield Header - QTY 1
D-Rings strap - QTY 2
M6X20mm Bolts - Qty 2
Center Sound Bar Straps Qty 2
Cable Conversion Kit (07-09 models only)

Part List: Tonneau Cover

Tonneau with tailgate bar attachment - QTY 1

Part List: Wind Stopper Plus

Windstopper Plus - QTY 1

Part List: Door Surrounds

Door Surrounds - QTY 2
Door Surround Knobs - QTY 4
Allen Head Screws - QTY 2
4mm Allen Head Wrench - QTY 1

Required Tools:

Safety Glasses
T30 Torx Wrench/Socket
Pliers

NOTICE

The MasterTop for HardTop is equipped of Cable style Bimini Plus, Wind Stopper Plus, Tonneau Cover and Door Surrounds are designed to work together to provide the ultimate combination. Each component can be used by themselves.

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® Combo for HardTop 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 Combo for Hard Top Wranglers. These high-quality parts are designed to enhance your fair weather driving pleasure while providing protection from wind and rain. Please note that it is important that you become familiar with the installation process of these accessories 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 11 for these important maintenance tips. Please also note that it is normal for 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, 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. When unpacking, check to make sure all parts are included.

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.

Suggested Installation of Tonneau Cover/ Windstopper/ Cable Style Bimini Combo / Door Surround



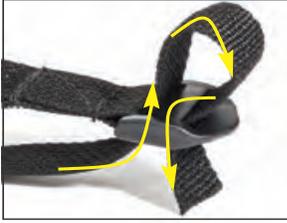
The MasterTop Combos for HardTops are ideally designed to be used in combination with our Cable style Bimini Top Plus, Wind Stopper Plus, Tonneau Cover and the MasterTop Door Surrounds to create the ultimate equipped Combo for Hard Top. The following instruction sheet is designed to be followed in the suggested installation order:

1. Door Surrounds
2. Wind Stopper Plus
3. Cable Style Bimini Plus
4. Tonneau Cover

If you only are installing one of the three components, simply skip to the appropriate accessory for proper installation.

NOTICE MasterTop Soft Goods accessories are designed to protect the inside of your vehicle against light showers and against wind buffering. They are not waterproof covers. Water may leak inside your vehicle through around the sport bar and other locations during a heavy down pour. Do not take your Vehicle through an automatic car wash with this product on your vehicle!





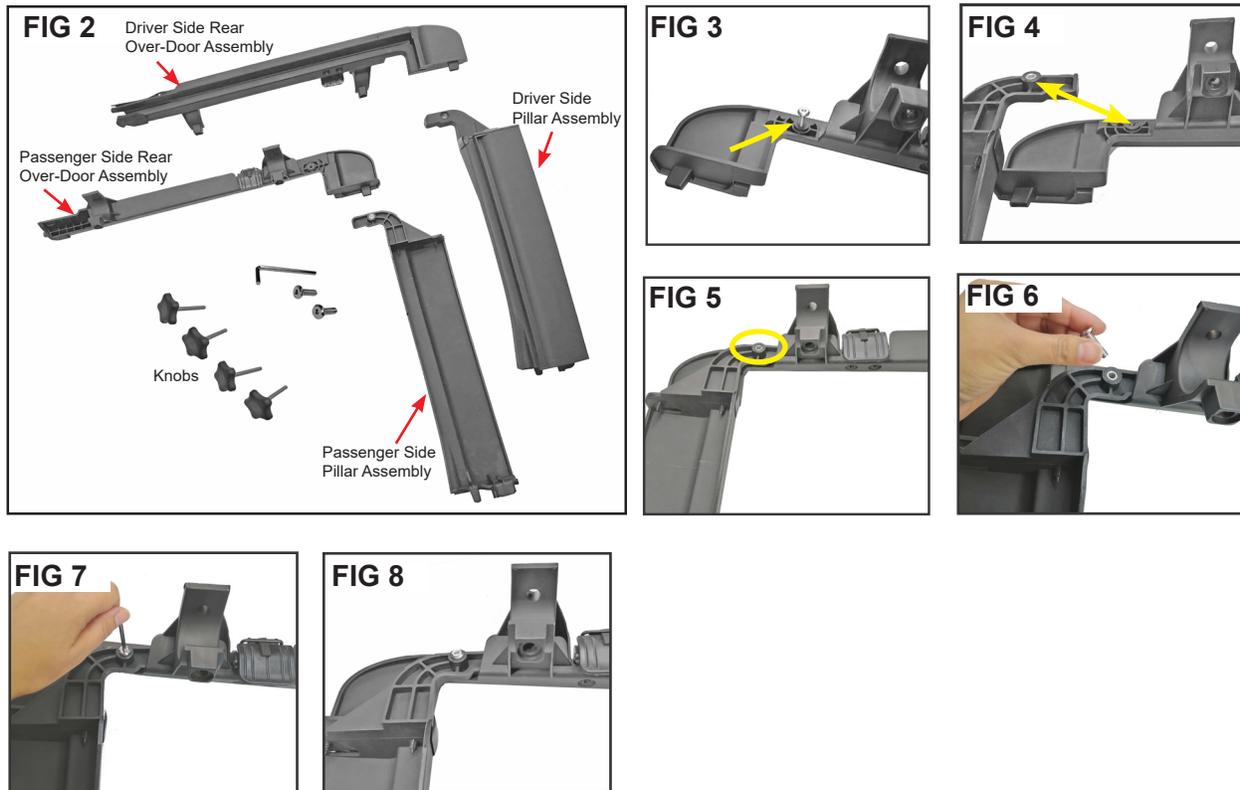
Threading Straps through Buckles:

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.

Section 1: Door Surround Assembly



Step 1: Pillar and Over Door Surround Assembly

Put on Safety Glasses. Locate the Driver's side over door assembly and the driver's side pillar assembly shown in FIG2.

On the Driver's side over door assembly, there is a screw installed for shipping (Fig 3). Remove this screw and set aside. Line up the Driver's side over door assembly and the driver's side Pillar assembly as shown in Fig 4 making sure the holes line up. Insert the screw over the top of the hole as shown in Figs 5 & 6. Tighten this screw using the included 4mm Allen head tool securing the two pieces (Fig 7 & 8).

Repeat the above assembly on the Passenger side Rear over door and pillar assemblies.



Section 1: Door Surround Assembly



FIG 9



FIG 10

Step 2: Install Door Surround to Jeep

Locate the assembled Driver's side door surround (Fig 9). On the bottom of the vertical pillar portion of the assembled door surround is a pin (FIG 10) that will be inserted into the body tub.

Insert this pin into the body tub as shown in FIGs 11 & 12. After inserting the pin, locate the upper portion of the door surround "C" attachment and push onto roll bar (FIGs 13 & 14). Make sure the front seal is snug against the windshield seal as shown in Fig.15

The "C" should fit in the cutout of the roll bar pad.

Repeat this procedure on passenger side door surround.



FIG 11



FIG 12

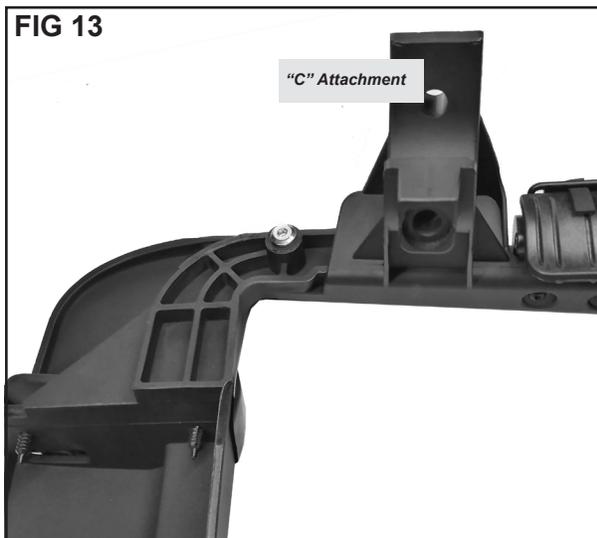


FIG 13

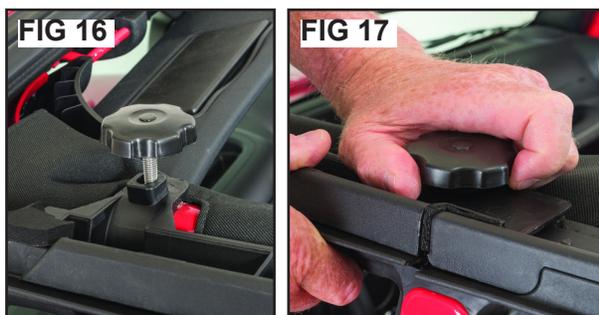


FIG 14



FIG 15

Section 1: Door Surround Assembly



Step 3: Secure Front Door Surrounds to the Roll Bar

Locate the two sets of screw knobs. There should be (2 sets of two knobs. Line up the door surround "C" attachment holes with the vertical holes in the roll bar. Slip the front knob through the hole in the front door surround (FIG16). Tighten the knob securing the front door surround. Repeat this procedure on the back of the door surround and on the other side of the vehicle. Finally, tighten all four knobs (FIG 17). All knobs on both sides of the vehicle should be secured to the roll bar. This completes the installation of the door surrounds to your vehicle.

Section 2: Installation of the Wind Stopper Plus



Step 1: Install Upper Straps

Locate the 2 top center straps of your Wind Stopper and attach the Wind Stopper while centering the product on your Sport Bar. Do not tighten these straps at this point. See FIG18

NOTICE

You must have the factory style door surrounds on the vehicle. If you do not have the factory door surrounds installed at this time, you must do so before proceeding!



Step 2: Attach to Door Surrounds

Attach Wind Stopper to rear Door Surrounds. Once the Wind Stopper is centered and loosely attached to the center Sport Bar, locate the inside of the rear door surround and "roll" the fabric enclosed belt rail into the door surround (FIG 19).

Insert lower tab into belt rail under door surround (FIG 20). Repeat this Wind Stopper Door Surround installation on each side of the vehicle.



Step 3: Upper Corner Straps

Loosely install the top corner strap shown FIG 21 over the door surround under the top of the Wind Stopper. This strap should pull the upper side of the Wind Stopper tight against the Sport Bar. Repeat on other side of vehicle (FIG 22). Beginning with the two center straps, tighten all Straps to pull out any wrinkles.

See next page for tips on using your Wind Stopper Plus.



Using your Wind Stopper Plus



Using you Wind Stopper Plus:

Your MasterTop Wind Stopper has an exclusive zip down window feature allowing air to flow into the cab on hot days (FIG 23).

When folding the window down, un-zip the dual zippers to each side and fold/tuck the window inside the vehicle behind the seat. This will protect your Wind Stopper window and prevent it from flapping while driving. FIGS 24 & 25)

FIG 25

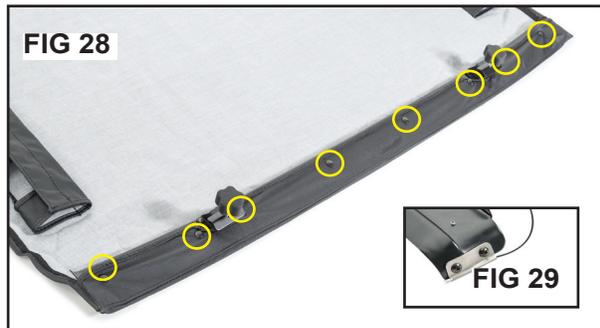


Section 3: Installation of the Cable Style Bimini Top Plus



Before You Begin Installation:

Locate the Windshield Header (preinstalled on the Bimini Top Plus fabric) with knobs and plates and Bimini Top Plus Straps as shown in FIG's 26 & 27. Also locate the (2) M6x20mm Bolts. Please note: If the Windshield Header is not already installed to the fabric, you must do so at this time.



Snapping the Fabric to Windshield Header:

If needed, with the windshield header removed from vehicle, slide the pocket sewn along the front of the Bimini Top/Bimini Top Plus over the edge of the header and snap it to the eight snaps on both sides, as shown in FIG 28.

If not present, the Spring cable will need to be installed to the two holes on each end of the header using screws and lock nuts (FIG 29).

Step 1: Install The Spring Tension Straps to Sound Bar

Using a T30 Torx wrench, remove the rear bolt holding the Sound bar onto the sport bar. Place the grommet of the spring tensioning strap (FIG 32) through the bolt and reinstall (FIGS 30 & 31).



Section 3: Installation of the Cable Style Bimini Top Plus



Step 2: Install Center J Hook Straps to Bimini Plus Center Strap

Place the Bimini Top plus underside facing up and locate the rear flap. Install the J Hook straps to the buckles leaving plenty of slack in the strap. See FIGs 33 & 34.



Step 3: Secure Header to Windshield

With the Bimini Centered on the vehicle, place the tabs on the Windshield Header Knob Base above the footman loops in the windshield frame. Place a Header Knob Plate under a footman loop. Install a Header Knob through the plate and through the footman loop and then thread it into the Header Knob Base above (FIG's 35&36).

Repeat the process on the opposite side of the vehicle.

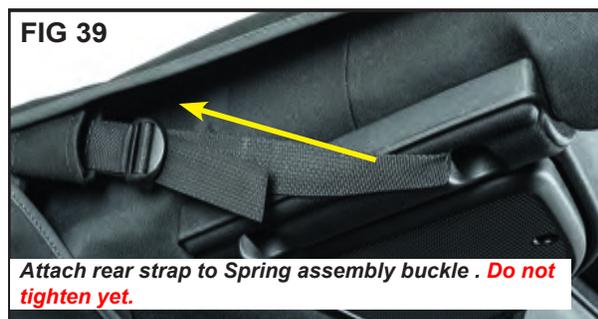
NOTICE

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.



Step 4: Install Spring Buckle Straps

With the windshield header attached, drape the Bimini Top Plus back over the rear of the vehicle and locate the "pocket" that contains the Spring and Cable assembly. Pull the spring through the pocket and install the Spring tension strap to the spring (D-ring attaches to the spring). Crimp the spring end with pliers to secure the D-ring to the spring. FIG's 37 & 38.



Step 5: Attach Tension Buckle Strap

Locate the Rear two straps connected to the rear sound bar installed in step 1 and the spring assembly found in step 4. Make sure these two straps are buckled but still hang loose. **Do not tighten yet!** See FIG 39.

NOTICE

When you remove your Bimini Plus Top the Strap that attaches to the sound bar shown in Fig 39 will be hanging down. We suggest tucking that strap up between the sound bar and the roll bar to keep it from flapping.

Section 3: Installation of the Cable Style Bimini Top Plus



Step 6: Attach the two Rear Straps

Install two rear straps around roll bar, under the seat belt mount and pull tight. Repeat on other side making sure the top is centered. FIGs 40 & 41.

WARNING

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

Step 7: Tighten Straps

With the front header attached, tighten side tension straps on each side of vehicle installed in Step 5. Reposition and tighten two rear corner straps to pull the top tight and to take out wrinkles.



Step 8: Install two center J Hook Straps to Sound Bar

From inside the vehicle, locate the two Center J Hook straps installed in step 2. Pull the straps over the sound bar and hook into the two center holes as shown in FIG 42. Tighten straps.

Note: The pictures used in this instruction sheet show the rear of the Bimini Plus coming down farther on the rear roll bar legs. We have re-designed this portion of the top as it was interfering with the rear passengers head room. Your Bimini plus will not go down as far on the rear roll bar legs as shown in the picture to the right.

*Master Twill JK 2Dr Bimini Plus
Shown Installed Fig 43*



Section 4: Installation of the Tonneau Cover

NOTICE This product is designed to fit on the vehicle with all soft top hardware removed. This Tonneau will not fit over folded soft top hardware.



NOTICE Only the MasterTop Brand Tonneau Covers and Wind Stoppers can be attached with the installed zippers. Other Brands either do not use zipper attachments or use different styles of zippers.

Step 1: Remove any Soft Top or Hard Top

Remove any existing Soft or Hard Top from your vehicle. Remove your soft top from the hardware and disconnect the hardware from your vehicle. Gently fold your soft top and store it in a safe dry place or carefully with a friend store your hard top.

Hard Top owners should take care when removing their hard top to not damage the vehicle when removing the top. We highly recommend having at least two people to remove your factory hardtop.

Step 2: Thread Straps Through Floor Mounted D-Rings

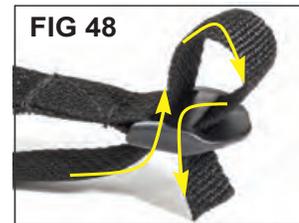
Open vehicle tailgate and locate the rear trunk in the rear of your vehicle. Open the trunk and thread one end of the enclosed Seat Strap through the factory D-rings mounted on the floor with equal length ends coming out the side of the seat trunk. (See FIGs 45 & 46). If your earlier model 2 door Wrangler does not have these floor mounted D-Rings, simply lay the seat strap in the trunk with equal length ends coming out the side.

Step 3:

Close the Trunk Lid and secure it.

Thread the seat strap through the child seat restraints mounted on the rear seat and secure with the attached Buckle.

(See FIGs 47 & 48)



Step 4: For all JK Wrangler using the optional MasterTop Wind Stopper Plus

Secure the MasterTop Tonneau Cover to the MasterTop Wind Stopper.

If you are not using the Wind Stopper, Skip to step 5.

If you are using the already installed MasterTop Wind Stopper with your Tonneau cover, simply line up the zipper on the Wind Stopper flap with the Tonneau cover zipper and zip closed.

The two products should now be attached.

Close the hook and loop over the zipper for a more weather tight seal (FIGs 49 & 50).



Section 4: Installation of the Tonneau Cover



Step 6: Secure Plastic Belt Rail Strip

Secure Plastic belt rail strip to side of vehicle. Roll the plastic strip on each side of the Tonneau cover into the belt rail retainer channel on the vehicle. See FIG 51

NOTICE The webbing "loops" found on the side of the Tonneau are there to help install and remove the Tonneau from the belt rail. On MasterTwill Tonneau covers there are a total of 4 webbing loops. The pictures in this instruction sheet show more loops than are installed.

Step 7: Secure the Rear Corners

Secure the rear corners. Roll the plastic strip on the rear corners of the Tonneau cover into the belt rail retainer channel on the vehicle. See FIG 52 & 53.

After installation, adjust the corners by sliding them left or right until they are centered on the corner of the vehicle

Step 8: Wrap the Rear Collars

With both sides of the tonneau attached, wrap the two collars around the sport bar and fasten the hook and loop strips to each other. See FIG 54.



This should complete the installation of your new MasterTop Tonneau Cargo Cover!

Rear Tailgate Bar

Your MasterTop Tonneau Cover corners with a built-in rear tailgate bar. When using the Tonneau make sure the rubber seal on this bar is up against the tailgate when closing. Also, make sure the bar is centered in the tailgate area to avoid it from hindering closure of the Tailgate. See FIG 55 & 56.



NOTICE The MasterTop Tonneau Cover is designed to protect the inside of your vehicle against light shower sand to keep wandering eyes from your cargo. It is not a waterproof cover. Water may leak inside your vehicle through the sport bar collars and exposed seams during heavy down pours. If water pools on your Tonneau cover, be sure to push the water off before you drive the vehicle. Failure to do so could cause the water to flow forward into the cab of the vehicle when you come to a stop. Do not take your vehicle through an automatic car wash with this top on your vehicle!



Results, Care and Maintenance:



Complete MasterTop JK 2 Door
Combo for HardTop. FIG 70

Care and Maintenance of your MasterTop® Product:

Your MasterTop accessories are made of the finest materials available but to keep them looking new and for the maximum possible wear, it will need periodic cleaning and basic maintenance. The main threat to your materials are pollutants, dirt and grime. By keeping your products clean you will prolong the life of your accessories. We recommend the following to keep your accessories like new:

Washing:

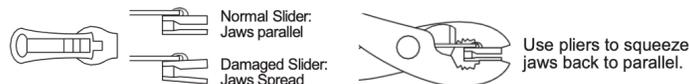
The fabric should be washed often using a mild soap, warm water and a soft bristle brush. You can also use twill soft top cleaners available on our Distributors websites. Make sure that after cleaning you rinse with clear water to remove all traces of soap to avoid residue. Air Dry. Do not put in dryer.

Water/Fabric:

In the event of seeping through the seams, 3M Scotchgard® may be applied on the inside of the seams to stop the seeping.

Windows:

It is very important that you keep your Wind Stopper windows clean! Use a mild soap and water solution to gently clean your windows. NEVER wipe your windows clean with a dry cloth! Dust and dirt on a dry cloth can scratch your windows causing "fogging" and permanent damage. When removing your windows, store them with a towel or in a Soft Touch Window Roll from MasterTop between the panels/rear windows to protect them from damage. If frost or ice forms on the outside of your windows during the winter, DO NOT use an ice scraper to remove this frost. Over time you will see small micro scratches in your windows which are natural wear and tear. These Micro scratches can be "polished" out using the window polish available at your MasterTop Distributor.



Zippers:

Keeping zippers cleaned and lubricated with a silicone lubricant (available online) will help prevent damage and keep the zippers in a smooth working condition. If zipper opens behind the slider, the slider may have been spread apart. This problem can usually be fixed by using an ordinary pair of pliers to bring the sides back into parallel. Return slider to the end of the zipper in the normal Open position. Squeeze lightly at first and test zipper. If the zipper continues to remain open squeeze more firmly with pliers and try the zipper again. Repeat procedure until your zipper operates correctly.





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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