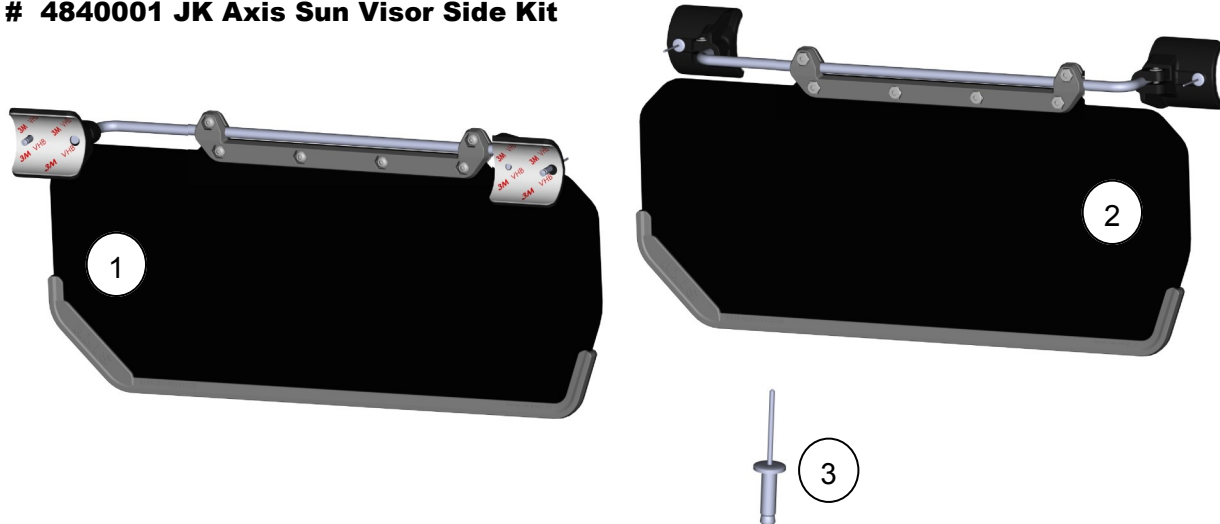




# JK Axis Sun Visor Side Kit

www.teraflex.com

**Kit # 4840001 JK Axis Sun Visor Side Kit**



Item Number	Part Number	Description	Qty
1	4840001	JK Axis Sun Visor Left Side	1
2	4840001	JK Axis Sun Visor Right Side	1
3	300-01-025	Rivet, Blind, 3/16" Diameter, 0.251" - 0.375" Domed Aluminum	4

## Important Notes:

Prior to beginning this or any installation read these instructions to familiarize yourself with the required steps and evaluate if you are experienced and capable to personally perform these modifications. A factory service manual should be used in conjunction with these installation instructions.

Refer to the parts list to ensure that all necessary components and hardware has been included. If any parts are missing please contact your local TeraFlex dealer for assistance.

## Tools needed:

- 1/8" Allen Wrench or Socket
- 2" Long Razer Blade/Utility Knife
- Rivet Tool
- Drill and 3/16" Drill Bit

To start unzip the driver's and passenger's side roll bar covers to expose roll bar and foam padding underneath. The zipper starts at just behind the front seats and goes forward. Unzip cover until you reach the windshield area and stop (do not completely remove this cover).

**Note:** Removal of the roof can be helpful but it is not necessary.

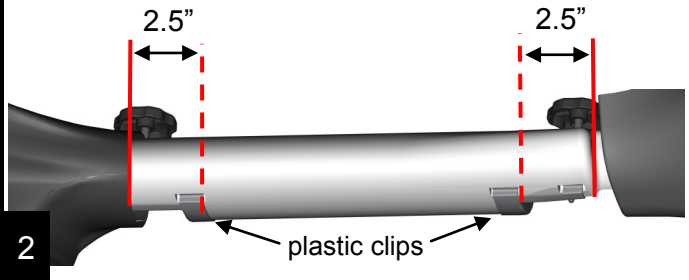
**For a soft top install, skip to step 8.**



1

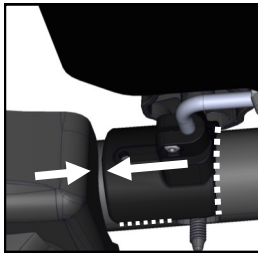
The foam roll bar pad will need to be trimmed. Remove and discard plastic clips. Measure 2.5" in from each side and mark roll bar pad. Use a 2" long razor blade or utility knife to cut roll bar pad. Trim any extra as needed.

**Note:** No Need to Remove Roll Bar Pad



2

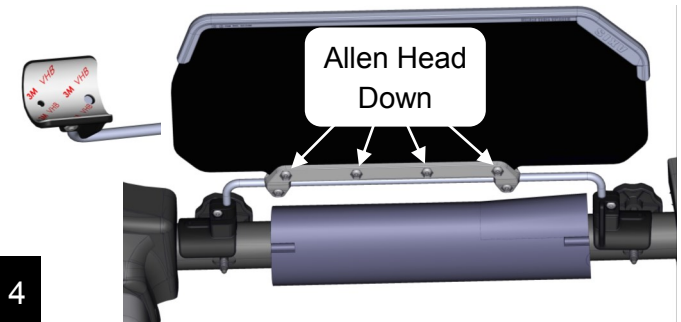
Clean the front and rear sides of the roll bar with an alcohol based cleaner. Do a test fit with the Axis Sun Visor onto the roll bar. Position visor with the rear most mount close to the B-pillar roll bar pad; also the visors rod will need to be parallel to the roof. Use a marker and mark the position of the visor mounts on roll bar.



3

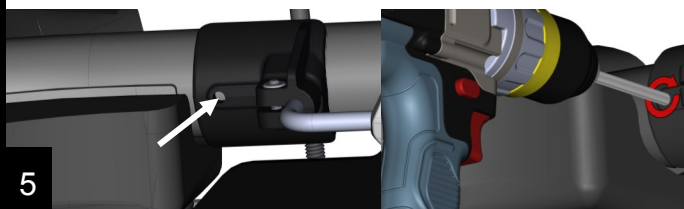
**Note:** Allen bolt head must be facing down when the visor is up. Stickers on visor will show left and right side.

Next, remove adhesive backing form visor mounts and, using the marks made on the roll bar as a guide, attach the Axis Sun Visor.



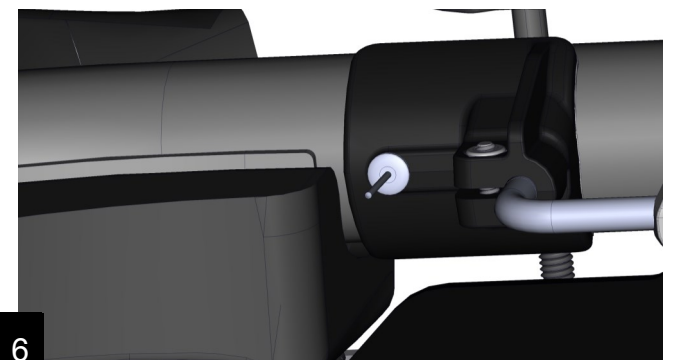
4

Rotate Visor down vertical to better access mounts. Use a 3/16" drill bit to drill a hole through the roll bar using the hole in the visor mounts as a pilot hole (one hole per visor mount). **Note:** Place a blanket or plastic sheet over the seats and carpet to avoid getting metal shavings on them.



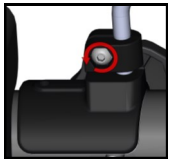
5

Install the rivet through the mount and into the hole just drilled out in the roll bar. Use pop rivet tool to attach the rivets.

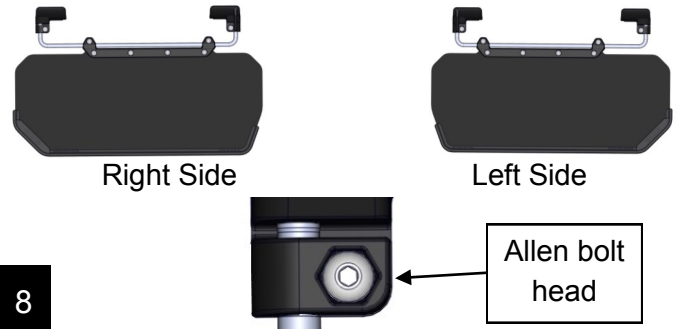


6

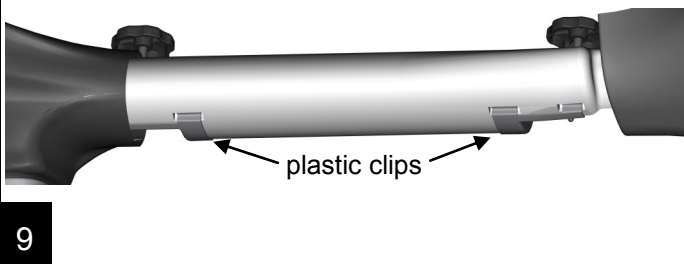
Use a 1/8" allen to loosen the bolts in the visor mounts. (*Do Not Remove Bolts*) Next remove the rod/visor assembly from the mounts and then reinstall cloth roll bar cover.  
**Skip to step 15 now.**



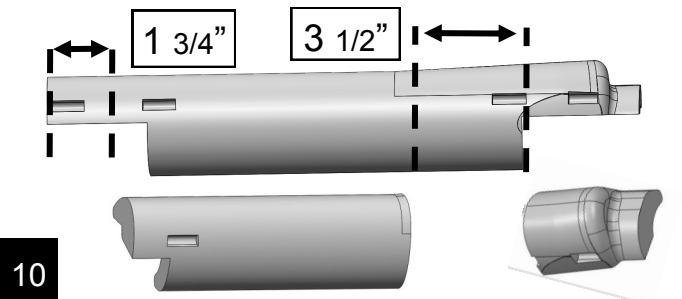
For a soft top the visor mounts need to be turned in (see image below). The head of the allen bolts in the mount needs to be facing downward for ease of visor removal. With a 1/8" allen, remove the bolts and flip them around (tighten enough so the hardware doesn't fall out during install).



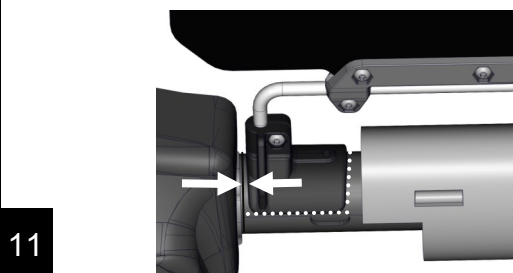
The foam roll bar pad will need to be trimmed. Remove and discard plastic clips from the foam pad to prepare for trimming.  
**Note:** There is no need to remove the roll bar pad.



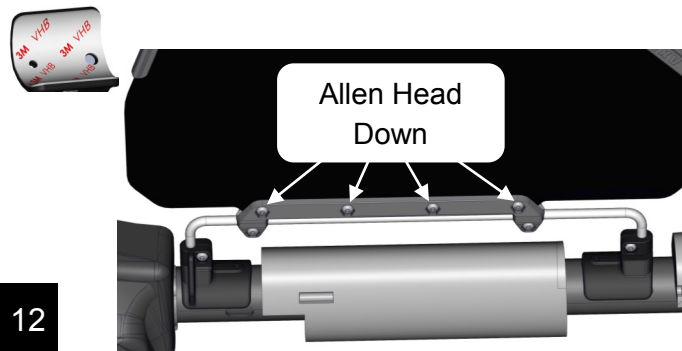
For the front, cut the small part of foam pad off. Then measure 3.5", from the cut off section, back and mark. For the rear, measure 1.75" forward and mark. Use a 2" long razor blade or utility knife to cut roll bar pad. Trim any extra as needed. **Note:** The front 3.5" section will have a clip holding it onto the roll bar. Do not worry if it breaks upon removal, it will not be reused.



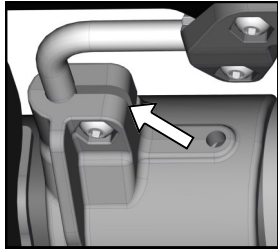
Clean the front and rear sides of the roll bar with an alcohol based cleaner. Do a test fit with the Axis Sun Visor onto the roll bar. Position visor with the rear most mount close to the joint weld on the roll bar; also the visor rod will need to be parallel to the roof. Use a marker and mark the position of the visor mounts on roll bar.



**Note:** Allen bolt heads must be facing downward, when the visor is in the up position, for adjustment. Next, remove adhesive backing form visor mounts and, using the marks made on the roll bar as a guide, attach the Axis Sun Visor.



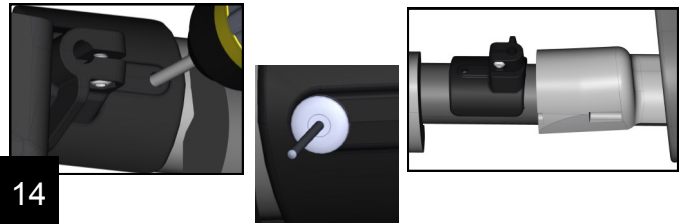
Use a 1/8" allen to loosen the bolts in the visor mounts (Do Not Remove Bolts). Remove the visor from the mounts. **Note:** If the rod is tough to remove then use a small screw driver to carefully pry the mount open a little (see image below).



13

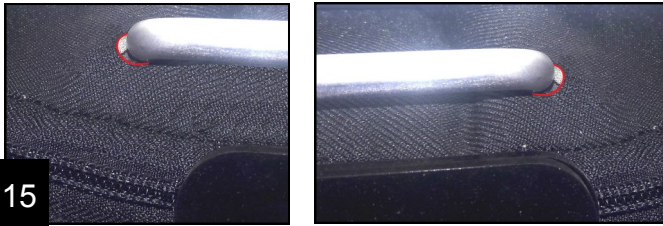
Use a 3/16" drill bit to drill a hole through the roll bar using the hole in the visor mount as a pilot hole (one per mount). **Note:** Place a blanket or plastic over the seats and carpet to avoid getting metal shavings on them. Install the rivet through the mount and into the hole just drilled out in the roll bar. Use pop rivet tool to attach the rivets.

Make sure the small section of the foam pad is in place and reinstall the roll bar cover over the mounts and pad.



14

Find the mounts under the cover. Then use the visor rod as a location marker by pushing dimples into the cover where the rod is to be mounted. Use a razor blade or utility knife and poke a small hole (smaller than the rods diameter) through the cover, over both rod mount locations. Use the rod to widen the hole as it is pushed through the cover and into the roll bar visor mounts.



15

Remove the cover again and retighten the bolts that secure the rod to the mounts.

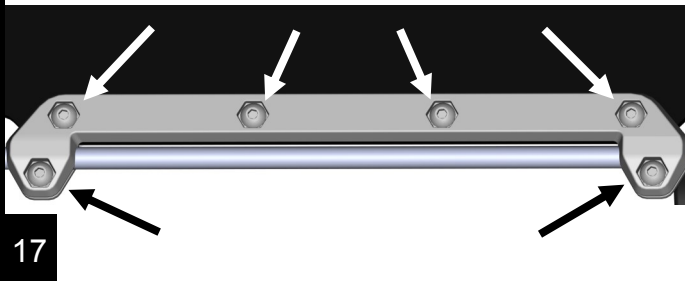
Repeat steps for other side.



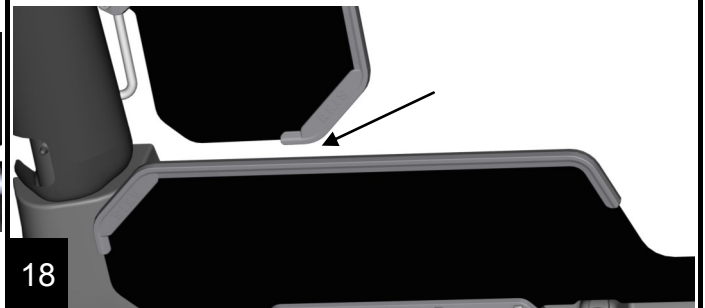
16

The Axis Sun Visor has 2 friction setting bolts and 4 mounting bolts. The lower 4 mounting bolts should be kept tight and not be loosened to adjust for rotational stiffness. The upper two bolts can be tightened or loosened to adjusted for rotational stiffness.

Flip front and side visors to check for clearance issues. If there is contact loosen the side visors friction bolt and slide visor to the rear.



17



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## PRODUCT INFORMATION

### MAINTENANCE INFORMATION:

It is the buyer's responsibility to have all suspension, drivetrain, steering, and other components checked for proper tightness and torque after the first 100 miles and every 3000 miles after that.

### NOTICE TO INSTALLER:

The enclosed "Warning to Driver" sticker must be installed in the vehicle in driver's view. This sticker is to act as a constant safety reminder when operating the vehicle. It is your responsibility as the equipment installer to install the provided sticker and to forward the product instructions to the vehicle's owner for review. If a "Warning to Driver" sticker or product installation guide were not included in the kit, FREE replacement stickers and instructions are available by request. It is the installer's duty to ensure a safe and controllable vehicle after the modifications have been performed.

### WARNING:

Neither the seller nor the manufacturer will be liable for any loss, damage, or injury directly or indirectly arising from the use of or inability to determine the use of these products. Before using, the user shall determine the suitability of the products for its intended use, and the user shall assume all responsibility and risk in connection therewith.

### WARNING TO DRIVER:

This vehicle has been modified to enhance off road performance and has unique handling characteristics. Use in harsh environments can cause extreme stress on the components. Vehicle should be inspected after being off road to make sure that all the components are in working order and safe to travel on the highway. All fasteners should be checked so that they are at the correct torque specifications as the vibration and stresses from off roading may cause critical fasteners to work loose. Extra care should be taken to inspect the critical components, steering, and brake systems. During each oil change components such as arms, tie rod ends, etc should be greased and checked for excessive wear. Any worn components should be replaced. When returning to the pavement always set or restore tire air pressure to the factory recommendation and connect or engage any disabled sway bar mechanisms. Because of the higher center of gravity and larger tires, this vehicle handles and reacts differently than many passenger cars, both on and off road. You must drive it safely! Extreme care should be taken to prevent vehicle rollover or loss of control, which can result in serious injury or death. Avoid sudden sharp turns or abrupt maneuvers. Generally, braking performance and capabilities are decreased when significantly larger/heavier tires are used, especially when used in combination with transfer case low-range reduction kits. Take this into consideration while driving. Do not add, alter or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the TeraFlex product purchased. Mixing component brand is not recommended. TeraFlex Inc. will not be responsible for any altered product or any improper installation or use of our products. We will be happy to answer any questions concerning the design, function, and correct use of our products. It is ultimately the buyer's responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 3000 miles. Wheel alignment, steering system, suspension and drive line systems must be inspected by a qualified professional mechanic at least every 3000 miles.

### TERAFLEX PRODUCT WARRANTY:

TeraFlex Inc. warrants TeraFlex Suspension products to the original retail purchaser to be free of defects in material and workmanship for as long as the original purchaser owns the vehicle on which products were originally installed.

Failure to complete regular maintenance (grease every 3000 miles) on TeraFlex FlexArms will void this warranty. All other conditions of the standard TeraFlex product warranty apply.

All TeraLow products are covered by the TeraFlex two (2) year warranty to be free of defects in material and workmanship for two years from date purchased.

TeraFlex axles are covered by a 12-month warranty to be free of defects in materials and workmanship.

This warranty does not cover or include product finish, improperly installed or applied products, improperly maintained products, products or components used for racing or competition or damage due to abuse or neglect, products that fail due to the use of larger tire and wheel combinations.

All returns must be accompanied by an original invoice. It is the customer's responsibility to remove the product from the vehicle. Shipping charges are the responsibility of the customer. TeraFlex Inc. will pay the return freight if the product meets the terms of warranty.

This warranty is for the replacement or repair of defective TeraFlex products only and does not include freight charges, labor charges for removal of or installation of TeraFlex or related products or components, costs incurred due to down time of the vehicle, or lost profits due to vehicle down time.

A returned goods authorization number (RGA#) must accompany any returned products. For more information please contact a TeraFlex customer service representative.

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