

# IMPORTANT!

Read and understand the owner's manual before attempting to install or use your new DiamondBack product.



## Owner's Manual Arctic Cat Prowler Bed Cover

# Table of Contents

READ BEFORE PROCEEDING .....	2
COVER INSTALLATION .....	3
POSITIONING OF PANELS.....	ERROR! BOOKMARK NOT DEFINED.
ATTACHING GAS SPRINGS.....	4
LOCK ROD ADJUSTMENT .....	4
PROPER HAULING.....	5
CARE AND MAINTENANCE .....	5
WARRANTY.....	6
WARRANTY REGISTRATION.....	7



## Read Before Proceeding

DiamondBack Automotive Accessories, Inc. is not responsible for any property damage, personal injury, or death incurred while using any DiamondBack product.

### Important hauling information:

1. **Load Capacity:** Do not exceed the smaller of a **250 lb evenly distributed load** or the vehicle manufacturer's specified load capacity. Distributed load means that the load should not be concentrated in a small area. Never place a load more than **250 lbs** on top of the cover.
2. **ANY** load **WILL** increase your vehicle's center of gravity, and **WILL** significantly hinder your vehicle's ability to maneuver, stop, and turn. Avoid sharp turns and excessive speeds as this will increase these risks.
3. **Securing top loads:** Failure to properly secure cargo, or hauling inappropriate cargo, may result in property damage, personal injury, or death.
4. **DO NOT** operate cover if roll pin has sheared. Panels may slide apart and cause injury or damage to the vehicle. See page 3 for roll pin replacement instructions.
5. Locking rod brackets, and locking rod set-screws may become loose due to regular road vibration. Check and tighten these **every** time you haul with the cover.

# Cover Installation

## Parts:

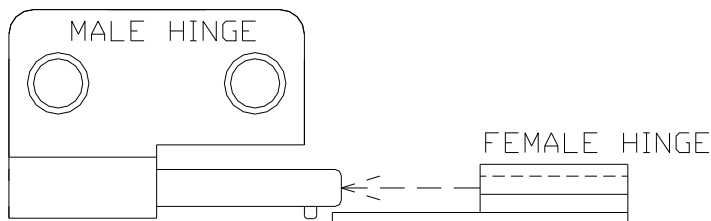
- (1) Tailgate Panel
- (1) Stationary Panel
- (2) 30# Gas springs
- (6) 5/16" x 2" Button Head Cap Screws (bolts)
- (6) 5/16" zinc washers
- (6) 5/16" Lock Nuts
- (2) Grommets

## Tools Needed:

- 5/16" Drill bit
- 3/6" & 1/8" Allen Wrench
- 1/2" socket and ratchet
- 1" hole saw
- 7/16" socket and ratchet
- Drill
- Marker

## Positioning of Panels

1. To attach the tailgate panel to the stationary panel, hold the panel with hinges facing down, and perpendicular to the stationary panel. Align the hinges of the tailgate panel with those of the stationary panel, and slide the tailgate panel into position. Make sure to align the roll pin of the male hinge with the "slot" of the female half of the hinge. (**Figure 3**)
2. Once the hinges are fully mated together, place the cover on the bed, hold the lock in the open position, and center the cover left to right. Adjust cover front to back so that it overlaps the tailgate evenly and is sealing at the bulkhead and on the sides of the bed. Tailgate overlap should be approximately 1/4" from touching the tailgate.



**Figure 3**

**DO NOT close the panel until the hinges are fully mated to avoid shearing the roll pin. If rolled pin is damaged during installation, DO NOT USE COVER.**

**\*Note: DO NOT operate cover if roll pins have sheared. Panels may slide apart and cause injury or damage to the vehicle.** Under normal operation, the roll pin holds the female hinge leaf in place. If the panel is to be removed, the panel must be tilted to approximately 90 degrees for the roll pin to pass through the slotted female leaf. At greater than or less than 90 degrees, the roll pin will hold the panels together. If the panels are closed before the hinges are fully mated, the female hinge will shear the pin. The roll pin is designed to shear off rather than bend the hinge leaf. Simply drive out the broken portion of the roll pin with a punch. Replacement roll pins are 1/8"x1/2" and are included in the cover package. They are also readily available at any hardware store. Push the new roll pin into the hinge pin using a pair of pliers.

## Attaching the Stationary Panel

1. Once the cover is centered on the bed and overlaps the tailgate evenly, open the cover and have someone press down on the stationary panel to compress the weather strip of the stationary panel.
2. From the inside of the bed, mark the locations of the slotted mounting holes.
3. Using a 5/16" drill bit, drill 4 holes through the side wall, where your stationary panel will mount.
4. Using the (4) 5/16 x 2" button head bolts and hardware; attach the stationary panel to the bed making sure to compress the weather strip as you tighten the mounting bolts.

## Attaching Gas Springs

**Caution:** Always support an open cover panel while installing or removing gas springs.

To prolong spring life, each gas spring **must** be oriented so that the exposed metal stem of the gas spring is facing down (Figure 2).

5. Attach one end of each of the gas springs to the ball stud located on the ball stud arm by pushing the open end of the gas spring onto the ball stud. (Figure 2).
6. The unattached end of the spring has a quick release cap that permits easy installation and removal. Attach the spring to the ball stud bracket on the underside of the panel by pushing the open end of the gas spring onto the ball stud.
7. To remove the gas springs, open the key as shown in Figures 3-4 and pull the spring from the ball stud. On the other end of the spring, pry up gently on the metal spring clip with a small, flat object (screwdriver or key) while pulling the gas spring from the ball stud.



Figure 2



Figure 3

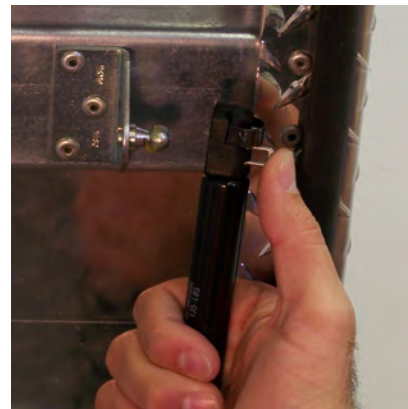


Figure 4

## Lock Rod Adjustment

1. Locking rod lengths can be adjusted by using an allen wrench to loosen the set-screw on the rod linkages.
2. Adjust the rod lengths so that the tip of the lock rods is approximately 1/8" from the side walls of the bed when the lock is in the open position.
3. Extend the rod guide bracket supporting the end of the rods to its lowest position. Mark the position where the lock rods will strike the side walls of the bed. Using a 1" hole saw, cut a 1" hole through the side wall of the bed on either side. Make sure the top of the hole is more than 1/4" from the top of the bedrail.
4. Insert the 1" plastic grommets into the drilled hole. Grommet should push and lock into the hole.
5. Rod guide bracket location can be adjusted using a 7/16" socket. Adjust the rod guide bracket so that the rod will pass through the grommet hole when the cover is in the closed position. It may be necessary to lightly grease the rod ends and grommets for further ease of operation.
6. Be sure that all weather strip is compressed while you adjust the rods to the proper height. Apply pressure to the panel and then adjust.
7. When the rods are in the proper position, tighten the nuts to 10 ft.-lbs on the rod guide bracket to secure rod placement.

**NOTE:** New hinges, springs, and weatherstrip may initially be tight or difficult to compress. Adjust all locking rods so that all weatherstrip is compressed. The weatherstrip will "wear in" over a short time.



**WARNING** Locking rod brackets, and set-screws may become loose due to regular road vibration. Check and tighten every time you haul with your cover.



**WARNING** Never drive without properly securing panel.

Panel must be key-locked before vehicle is placed in motion.

Unlocked panels may open during transportation resulting in personal injury, death, damage to the cover, and loss of cargo. Diamondback Automotive Accessories, Inc. is not responsible for damage resulting from unlocked panels.

# **Proper Hauling**



## **Important hauling information:**

**Do not attempt to transport cargo on top of the DiamondBack Cover before reading and understanding the following instructions**

1. **Load Capacity:** Do not exceed the smaller of a **250 lb evenly distributed load** or the vehicle manufacturer's specified load capacity. Distributed load means that the load should not be concentrated in a small area. Never place a load more than **250 lbs** on top of the cover.
2. **ANY** load **WILL** increase your vehicle's center of gravity, and **WILL** significantly hinder your vehicle's ability to maneuver, stop, and turn. Avoid sharp turns and excessive speeds as this will increase these risks.
3. **Securing top loads:** Failure to properly secure cargo, or hauling inappropriate cargo, may result in property damage, personal injury, or death.
4. When hauling cargo on top of the DiamondBack Cover, always use secure ratchet straps. Do not use bungee cords to secure gear.
5. Always make sure cargo is supported in *all* directions.
6. Always make sure ratchet straps, or other tie down mechanisms, are sufficiently tight. Loose straps will result in cargo movement and possible damage or loss of goods, or injury.
7. **DO NOT TRANSPORT PEOPLE ON TOP OF THE DIAMONDBACK COVER.**

**DiamondBack Automotive Accessories, Inc. is not responsible for any property damage, personal injury, or death incurred while using any DiamondBack product.**

For Warranty Registration, complete the form located at the end of this owner's manual or visit [www.diamondbackcovers.com/owners](http://www.diamondbackcovers.com/owners).

# **Care and Maintenance**

## **Inspect your DiamondBack Cover every time you haul for:**

1. Loose, damaged, or mis-aligned locking rods, couplers, set screws, and brackets.
2. Loose, damaged, bent or worn hinges and pins
3. Worn or damaged cargo cleats and bolts
4. Weak or damaged gas springs
5. Excessive weatherstrip wear

## **Scheduled Maintenance:**

1. Lock key cylinders must be lubricated every three months with a Teflon based spray lubricant.
2. Locking rods and rod guide brackets may require additional adjustment at 100 miles after initial installation due to weatherstrip and panel hinge wear-in.

## **Wash your DiamondBack as you would your ATV:**

1. Never use abrasive cleansers.
2. If desired, use an aluminum polish when finish appears dull. Polish works best when it is applied sparingly and removed completely.

# **Warranty**

## **DiamondBack Automotive Accessories Incorporated Limited Warranty**

This LIMITED WARRANTY, made by DiamondBack Automotive Accessories Incorporated, is issued to the original retail purchaser of any DiamondBack Automotive Accessories Inc. product.

DiamondBack Automotive Accessories Inc. hereby warrants that our products will be without defect in material or manufacture for a period of (3) years after the original retail purchase date. This warranty covers gas springs, locks and locking mechanisms, weather seal, trim, and cleats. DiamondBack Automotive Accessories warrants all powder coated covers to be without defect in adhesion for a period of (3) years following the retail purchase of the cover. This warranty does not apply to ATV packages or coatings damaged by abrasion due to loading or unloading materials on the cover.

Diamondback Automotive Accessories, Inc. hereby warrants that our products will be without structural and manufacturing defects for a period of (3) years following the original retail purchase. This (3) year warranty covers only the structural components and does not include any parts or materials used in the workings of the cover. This warranty does not apply if structural damage is caused by over-loading the cover beyond either the load capacity specified by DiamondBack Truck Accessories, or the load capacity of the truck with which the DiamondBack product is used.

If the purchaser discovers that a DiamondBack Automotive Accessories Inc. product is defective in material or manufacture within the period of (3) years of purchase or is structurally defective in manufacture within a period of (3) years, that person shall contact DiamondBack Automotive Accessories, Inc. and a representative of the company will inspect the product. If a material or manufacturing defect is determined to exist, DiamondBack Automotive Accessories, Inc. shall exercise its option to either repair or replace the defective part(s).

This Warranty shall be considered void if the product is shown to have been abnormally used, misused, improperly maintained, or altered in any way by anyone other than an authorized DiamondBack Automotive Accessories, Inc. dealer or manufacturer. This warranty does not cover damaged material or structure due to accident or misuse of the DiamondBack product.

This Warranty is the only warranty applicable to the purchase of a DiamondBack Automotive Accessories, Inc. product. DiamondBack Automotive Accessories, Inc. hereby disclaims any and all other warranties, express or implied, including the implied warranty of fitness for a specific use. Diamondback Automotive Accessories, Inc. is not liable for any damages incurred, whether incidental or consequential, due to a breach of this Warranty. The terms of this Warranty shall not be changed in any way, by any person or party. This Warranty guarantees you certain rights. Other rights may vary from state to state.

# Warranty Registration

(Want an easier way? Register your warranty online at [www.diamondbackcovers.com/owners](http://www.diamondbackcovers.com/owners))

**Promotional Code:** \_\_\_\_\_ (Please fill in if your purchase was associated with a mail-in-rebate)

Name: \_\_\_\_\_ Email Address: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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## Products Purchased

UTV Make \_\_\_\_\_

Cover (Serial Number under center panel) \_\_\_\_\_

Roof

Floor Mat

Other \_\_\_\_\_

Date Purchased \_\_\_\_\_ Purchased From \_\_\_\_\_

How was your dealer experience?    Excellent    Satisfactory    Poor    Other: \_\_\_\_\_

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## How did first hear about DiamondBack? Please complete section below.

Website (be specific): \_\_\_\_\_

Truck Sighting: \_\_\_\_\_

Print Ad (be specific): \_\_\_\_\_

Dealer (be specific): \_\_\_\_\_

Show Appearance (be specific): \_\_\_\_\_

Other: \_\_\_\_\_

Referral/Friend: \_\_\_\_\_

## Please give us your comments:

Installation: \_\_\_\_\_

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Use and function of products: \_\_\_\_\_

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Additional Comments: \_\_\_\_\_

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**Please Mail to:** DiamondBack Truck Covers, ATTN: Warranty Registration, 200 Shady Lane, Philipsburg, PA 16866

**Or Fax to:** 814-343-4856