

# IMPORTANT!

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



## Owner's Manual ATV Solutions



## 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 **1600 lb evenly distributed load** or the vehicle manufacturer's specified load capacity for rail mounted accessories. Distributed load means that the load should not be concentrated in a small area. Never place a load more than **1600 lbs** on top of the cover.
2. **ANY** load carried above the bed rails **WILL** increase your truck's center of gravity, and **WILL** significantly hinder your truck'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 "Troubleshooting" section for roll pin replacement.
5. Cap clamps, 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.



The installation and use of any rail mounted accessory may cause minor aesthetic damage to the vehicle exterior. DiamondBack makes no claims or warranties whatsoever as to a particular vehicle's ability to support rail mounted accessories without incurring damage. The 1600 lb. load capacity applies to the DiamondBack HD Truck Cover **only**. See vehicle manufacturer's specifications for rail mounted accessories.



- Never drive without properly securing panels.
- Panels must be key-locked or securely strapped 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.
- Never operate cover or drive vehicle without safety catch installed.

# DiamondBack ATV Solutions



There is risk involved in the use of ATVs and the loading, unloading, and hauling of ATVs with any trailer or transportation system. DiamondBack Automotive Accessories, Inc. assumes no liability whatsoever for property damage or injury incurred while using the DiamondBack ATV Solution series of products, or any other product made by DiamondBack Automotive Accessories, Inc. A helmet should be worn during loading and unloading an ATV using this transportation system.

## Rear Loading Package

### ARP—Rear Loading Package

**Includes:**

- (1) DiamondBack Truck Cover
- (2) 12' Folding Ramps
- (1) DiamondBack Cab Guard
- (2) 20" adapter bars\*
  - (4) Rubber Washers
  - (4) Zinc Washers
  - (4) 5/16" Lock Nuts
  - (4) Zinc Fender Washers



### AHDRP—HD Rear Loading Package

**Includes:**

- (1) DiamondBack Truck Cover
- (1) DiamondBack HD Cab Guard
- (2) 12' Folding Ramps
- (2) 20" adapter bars\*
  - (4) Rubber Washers
  - (4) Zinc Washers
  - (4) 5/16" Lock Nuts
  - (4) Zinc Fender Washers



**Tools Needed:**

- Ratchet with 1/2" socket
- Drill with 5/16" bit

## Rear Adapter Bar Installation

**NOTE:** Before drilling, be sure to check the underside of the panel to ensure that your bolt ends will not strike your locking rods or structural members of the cover. Adjust the locations of your bolts if necessary.

1. Place one adapter bar on your cover. Center this bar on the right half of the tailgate panel between the lock and the edge of the cover as shown in the photo above.
2. Mark the hole placements for the adapter bars using the drill template (**Figure 1**).

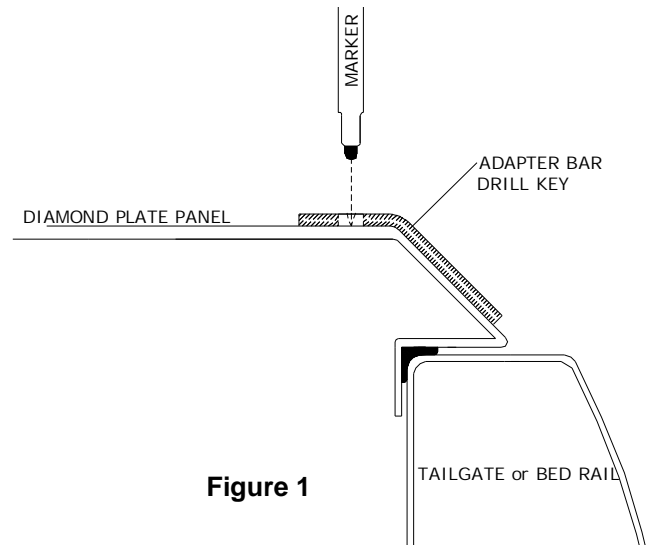
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### DRILL TEMPLATE

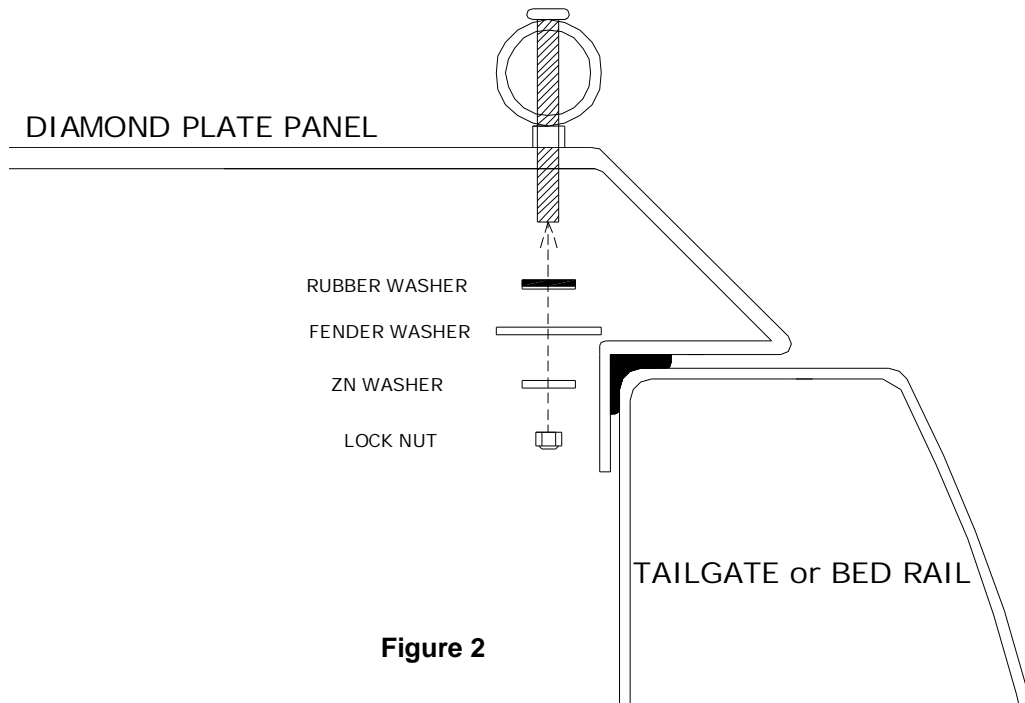


3. Using a 5/16" drill bit, drill ONE of the two holes.
4. Insert the adapter bar bolt through the hole.
5. Next, pivot the adapter bar so that the other bolt aligns with the other mark. This will allow you to adjust the second hole so that the adapter bar fits perfectly into both holes.
6. Drill the other hole and place both threaded studs through the holes in the panel.
7. Install hardware as shown in **Figure 2**.
8. Place one 5/16" nut on each bolt and, using a 1/2" socket, tighten each nut until the spacer that is between the bar and the cover begins to deform the surface of the cover.
9. Repeat steps 1-8 for the remaining bars.
10. Check all adapter bars to make sure they are secure. There should be absolutely no play in the bars when forcefully pushed or pulled from above.

**\*\*\*NOTE: A 1/2" wrench may be required to tighten the center panel bars because a ratchet may not fit.**



**Figure 1**



**Figure 2**



There is risk involved in the use of ATVs and the loading, unloading, and hauling of ATVs with any trailer or transportation system. DiamondBack Automotive Accessories, Inc. assumes no liability whatsoever for property damage or injury incurred while using the DiamondBack ATV Solution series of products, or any other product made by DiamondBack Automotive Accessories, Inc. A helmet should be worn during loading and unloading an ATV using this transportation system.

## Rear Loading Extension

### EXTR

Includes:

- (2) Steel Extension Decks
- (4) Extension Brackets
- (4) Extension Brackets (with holes for pins)
- (4) Spring Pins
- (4) Backing Plates
- (16) 5/16x1-1/4" Stainless Carriage Bolts
- (16) 5/16-18 Nylon Lock Nuts
- (16) 5/16 Zn Washers
- (16) 5/16 Rubber Washers

Tools Needed:

- Ratchet with 1/2" socket
- Drill with 5/16" bit

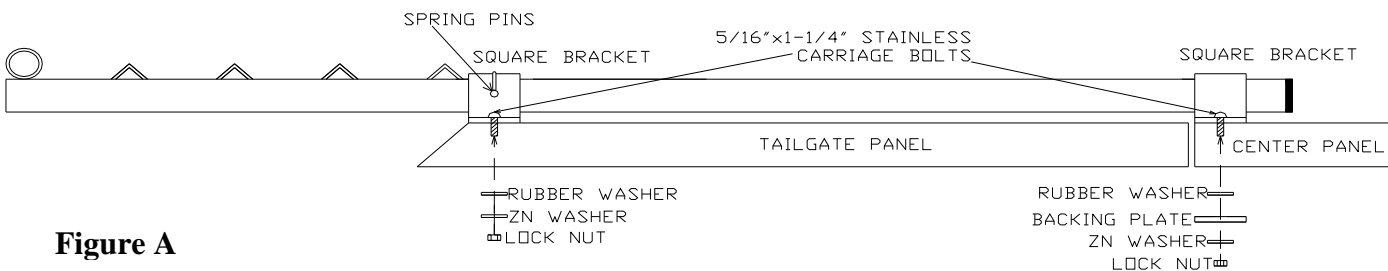


## Installation

1. Determine the track width of your particular ATV; use this dimension when setting the width of the rear extension decks.
2. Note that there are two different types of brackets. Four brackets will have a hole in the center to pin the extension decks in place. These four brackets must be installed on the rear edge of the tailgate panel as shown in **Figure A**.
3. Place (2) extension brackets (one of each kind) on each extension deck leg and place the decks on the truck cover.
4. Use the dimension determined in step one to center the decks on the truck cover.
5. Once the proper width has been established, slide the brackets so that the rear most brackets align with the edge of the tailgate panel as shown in **Figure A**.
6. Align the four remaining brackets with the rear most edge of the center panel.
7. Before drilling the cover, drop the tailgate and double check the underside of the cover for any hardware that may interfere with the brackets.
8. Mark the locations of the bracket holes and drill using a 5/16" bit.
9. Mount the brackets to the cover using the hardware as shown in **Figure A**.

**\*Note: The backing plates must be installed under the center panel brackets to ensure safe operation of rear loading extension.**

10. The length of the extension can be adjusted by sliding the decks in and out of the brackets.
11. Determine the shortest possible length necessary to load your ATV and set the decks to this length by drilling through the tailgate edge brackets and placing a pin through the bracket to secure the deck.



**Figure A**

# Proper Rear Loading

## READ BEFORE PROCEEDING



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incurred while using the DiamondBack ATV Series of products, or any other product made by DiamondBack Automotive Accessories, Inc. A helmet should be worn during loading and unloading an ATV using this transportation system. All ATVs must be securely tied down to appropriate cleats with at least four ratchet straps per ATV.

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

1. To load an ATV onto the cover, begin by hooking the ramp ends onto the adapter bars and extending the ramps.
2. Space the ramps a proper distance apart to line up exactly with the tires of your ATV.
3. ALWAYS MAKE SURE BOTH RAMPS ARE ON FIRM LEVEL GROUND.
4. ALWAYS MAKE SURE THE RAMPS ARE PARALLEL.
5. ALWAYS WEAR YOUR HELMET.
6. When loading ATVs with the rear-loading package, drive slowly up the ramps and onto the cover.
7. Pull ATV forward until all four tires are on top of the cover.
8. DO NOT rear load ATV onto DiamondBack Truck Cover without a DiamondBack Cab Guard or HD Cab Guard. Rear loading and transporting an ATV without a cab guard can be extremely dangerous. DiamondBack Automotive Accessories, Inc. is NOT responsible for broken rear windows.
9. Straps should be secured to multiple tie down cleats and should restrict the ATV from moving in any direction.
10. Read, understand, and practice the Proper Transportation techniques below.

## Proper Transportation

1. **NEVER** load or transport ATVs with the tailgate open.
2. **NEVER DRIVE WITH LOOSE OR UNSTRAPPED ATVS.**
3. **At least 4 tie down straps MUST be used per ATV for transportation.** These straps should be secured to the front, rear, and center of the ATV and restrict the ATV from moving in any direction.
4. **DO NOT** exceed 55 mph when transporting ATVs on the DiamondBack Truck Cover.
5. The extra weight associated with hauling ATVs **WILL** increase your truck's center of gravity, and **WILL** significantly hinder your truck's ability to maneuver, stop, and turn. Avoid sharp turns and excessive speeds as this will increase these risks.
6. **ALWAYS** drive carefully.
7. **ALWAYS** use a secure strap mechanism such as a ratchet strap when securing your ATV to the cover for transportation.
8. Rock and pull on your ATV to check for stability before traveling. Truck suspension should move with ATVs.
9. DiamondBack ATV Ramps will store underneath most side loaded ATVs. Strap the ramps to the cover using ratchet straps and secure in all directions. Check ramps to ensure stability before transporting.

## Side Loading Packages

### ASPS—Short Bed Side Loading Package

**Includes:**

- (1) Short Bed DiamondBack Truck Cover
- (2) DiamondBack ATV Ramps
- (1) DiamondBack ATV Side Rail
  - (2) Side Rail Hooks
  - (1) Side Rail Cross Bar
  - (4) 5/16"x2" Stainless Button Head Bolts
  - (4) 5/16" SS Split Lock Washers
  - (4) 5/16" SS Nuts
- (4) 28" Adapter bars
- (2) 8" Adapter Bars\*
  - (12) Rubber Washers
  - (12) Zinc Washers
  - (12) 5/16" Lock Nuts
  - (12) Zinc Fender Washers

**Tools Needed:**

- Ratchet with 1/2" socket
- Drill with 5/16" bit



### ASPL—Long Bed Side Loading Package

**Includes:**

- (1) Long Bed DiamondBack Truck Cover
- (2) DiamondBack ATV Ramps
- (2) DiamondBack Side Rails
  - (2) Side Rail Cross Bars
  - (4) Side Rail Hooks
  - (8) 5/16"-18x2" Stainless Button Head Bolts
  - (8) 5/16" Stainless Lock Washers
  - (8) 5/16" Stainless Nuts
- (4) 35" Adapter bars\*
- (2) 17" Adapter bars\* (20" for Dodge Ram)
  - (12) Rubber Washers
  - (12) Zinc Washers
  - (12) Zinc Fender Washers
  - (12) 5/16" Lock Nuts

**Tools Needed:**

- Ratchet with 1/2" socket
- Drill with 5/16" bit



### ATVSUB—Side Loading Upfit

**Includes:**

- (1) DiamondBack ATV Side Rail
  - (2) Side Rail Hooks
  - (1) Side Rail Cross Bar
  - (4) 5/16"x2" Stainless Button Head Bolts
  - (4) 5/16" SS Split Lock Washers
  - (4) 5/16" SS Nuts
- (2) 28" Adapter bars\*
- (2) 17" Adapter bars\*
  - (8) Rubber Washers
  - (8) Zinc Washers
  - (8) 5/16" Lock Nuts
  - (8) Zinc Fender Washers

# Side Adapter Bar Installation

**Note:** For ATVSUB (Side Loading Upfits), install the 28" adapter bars on the tailgate panel, and the 17" adapter bars behind the cab guard on the cab panel.

**NOTE:** Before drilling, be sure to check the underside of the panel to ensure that your bolt ends will not strike your locking rods or structural members of the cover. Adjust the locations of your bolts if necessary.

1. Place one long adapter bar (35" for long beds and 28" for short beds) on the tailgate panel of the cover. Place the end of the bar flush with the 45° bend on the tailgate edge of the cover.

**Note that when viewed from the side, the bars for the tailgate and cab panels are not centered; rather, they should be positioned as far to the front and rear of the cover as possible. Only center panel adapter bars are centered.**

2. Follow adapter bar installation instructions from page 3 & 4.
3. Long bed side loading packages also include (2) 17" (20" for Dodge Rams) adapter bars to be mounted to the center panel.
4. Center the 17" adapter bars on the center panel of your truck cover and install them as previously described.

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## DRILL TEMPLATE



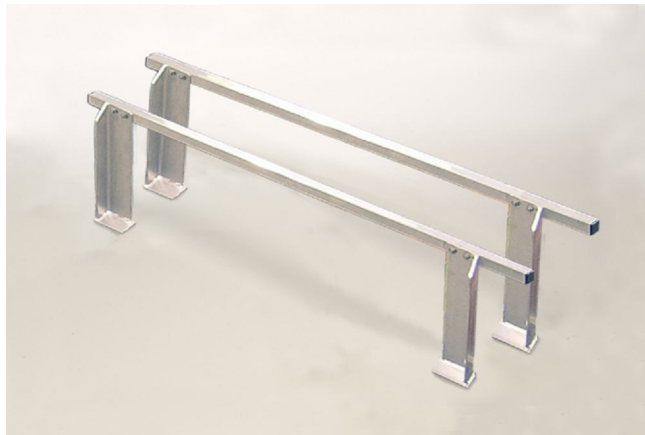
# Side Rail Assembly

## Short bed

- (2) Side Rail Hooks
- (1) 48" Side Rail
- (4) 5/16" x 2" Stainless Button Head Bolts
- (4) 5/16" Stainless Split Lock Washers
- (4) 5/16" Stainless Steel Nuts

## Long bed

- (4) Side Rail Hooks
- (2) 48" Side Rails
- (8) 5/16" x 2" Stainless Button Head Bolts
- (8) 5/16" Stainless Lock Washers
- (8) 5/16" Stainless Steel Nuts



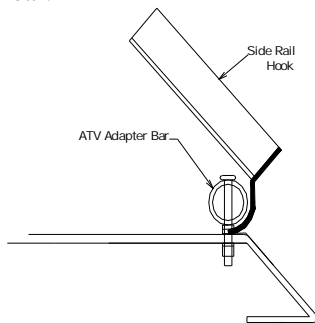
## Tools needed:

- Ratchet with 1/2" socket
- Drill with 5/16" bit

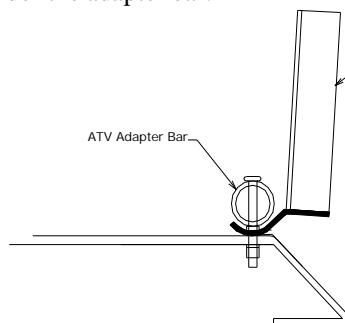
## Attachment of Side Rail Hooks:

1. Attach Side Rail Hooks to the ATV Adapter Bars as shown in Steps 1-3.

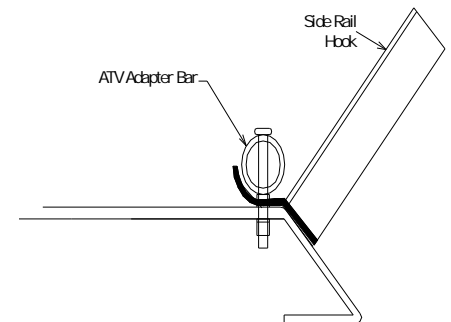
Step 1: Tilt hook back and slide under adapter bar.



Step 2: Rotate forward, keeping the hook under the adapter bar.



Step 3: Pull forward until hook rests on slanted face of cover.

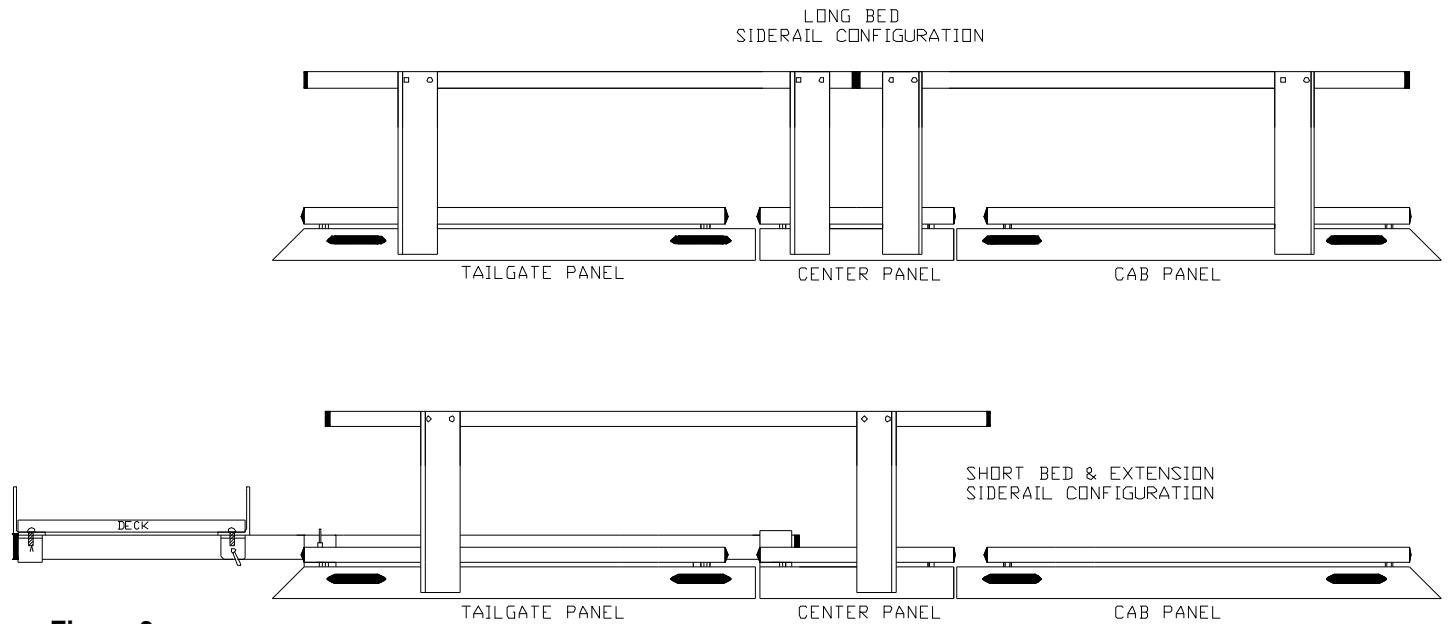


2. **For long bed covers:** place one Side Rail Hook near the tailgate panel cleat, two Side Rail Hooks on the center panel, and one next to the "Cab Panel" cleat as shown in **Figure 3**.
3. **For short bed covers:** place a Side Rail Hook on the center panel and one hook near the cab panel. This will allow you to load a single ATV on the front half of the cover and still open the tailgate panel of the cover. When hauling 2 ATVs on a short bed with the extension, simply move the side rail to the center and tailgate panels as shown in **Figure 3** so that one wheel of each ATV strikes the side rail.
4. When not in use, the side rails can be removed by reversing Steps 1-3.



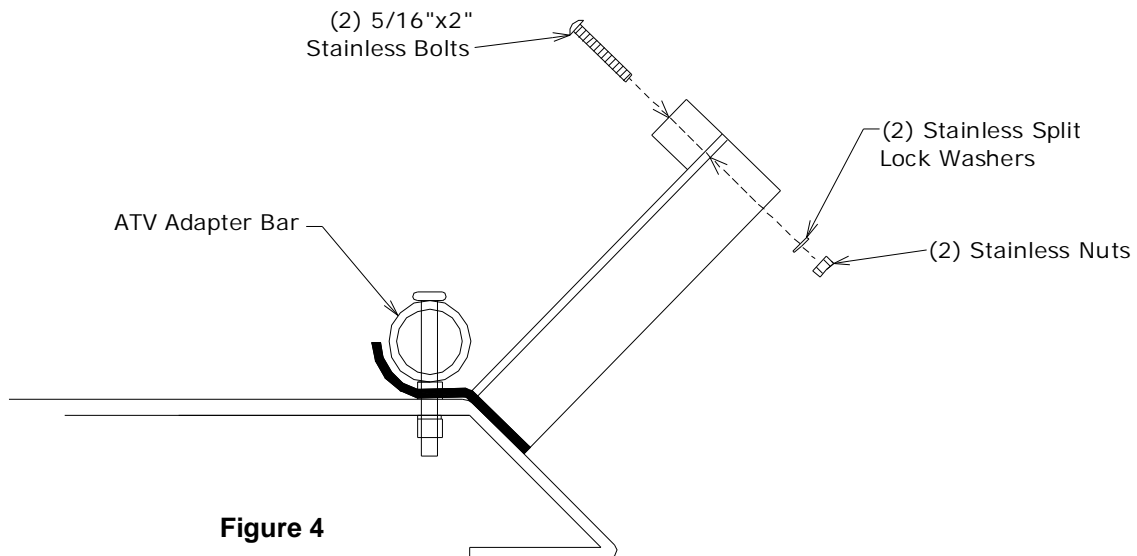
Side rails must be attached to the adapter bars opposite the ramps when loading ATVs. Side rails are used as a guide for loading ATVs and offer protection from overdriving the vehicle. SIDE RAILS ARE NOT MEANT TO BE DRIVEN ON. DO NOT DRIVE UP ONTO SIDE RAILS. DO NOT ATTACH STRAPS TO SIDE RAILS.

## Location of Side Rail Hooks:



**Figure 3**

5. Before bolting the Side Rails to the Side Rail Hooks, double check that the Side Rail Hooks can be removed from the Adapter Bars without obstruction by a cleat or other external hardware.
6. With the Side Rail Hooks in their proper location, hold a 4' section of Side Rail across its respective set of Hooks and mark the locations of the bolt holes required to fasten the Side Rails to the Hooks.
7. Drill through the Side Rail with a 5/16" drill bit.
8. It is important to drill and bolt the Side Rail to the Hooks while the Hooks are still attached to the cover. This will ensure proper Hook alignment for ease of installation and removal of the Side Rails.
9. Bolt the Side Rail to the Side Rail Hooks as shown in **Figure 4** using two bolts on each Hook.



**Figure 4**

# Proper Side Loading

## READ BEFORE PROCEEDING



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### Proper Side Loading For Short Beds

1. NEVER SIDE LOAD WITHOUT USING DIAMONDBACK SIDE RAILS.
2. To load an ATV onto the cover, begin by hooking the ramp ends onto the adapter bars and extending the ramps.
3. Space the ramps a proper distance apart to line up exactly with the tires of your ATV.
4. ALWAYS MAKE SURE BOTH RAMPS ARE ON FIRM LEVEL GROUND.
5. ALWAYS MAKE SURE THE RAMPS ARE PARALLEL.
6. ALWAYS WEAR YOUR HELMET.
7. BEFORE LOADING YOUR ATV, MEASURE THE WHEEL BASE AND MEASURE YOUR COVER TO ENSURE THAT ALL FOUR TIRES WILL FIT ON THE COVER.
8. Install the side rail, making sure it is in line with the ramps.
9. After checking ramp attachment and positioning, and after measuring ATV and cover, drive slowly up the ramps and onto the cover.
10. Stop ATV as soon as back tires clear the ramp adapter bars.
11. When unloading the ATV, make sure ramps are parallel.
12. NEVER DRIVE UP ONTO THE SIDERAILS.
13. Read, understand, and practice the Proper Transportation techniques on page 6.

### Proper Side Loading For Long Beds

1. NEVER SIDE LOAD WITHOUT USING DIAMONDBACK SIDE RAILS.
2. When hauling only 1 ATV, the ATV should be loaded as near to the center of the truck bed as possible.
3. Two ATVs can also be carried with a long bed truck.
4. Measure the width of both ATVs to be sure both will fit comfortably on top of the cover.
5. When hauling two ATVs, always load the first ATV as near to the cab of the truck as possible.
6. Space the ramps a proper distance apart to line up exactly with the tires of one ATV.
7. ALWAYS MAKE SURE BOTH RAMPS ARE ON FIRM LEVEL GROUND.
8. ALWAYS MAKE SURE THE RAMPS ARE PARALLEL.
9. ALWAYS WEAR YOUR HELMET.
10. BEFORE LOADING YOUR ATV, MEASURE THE WHEEL BASE AND MEASURE YOUR COVER TO ENSURE THAT ALL FOUR TIRES WILL FIT ON THE COVER.
11. After checking ramp attachment and positioning, and after measuring ATV and cover, drive slowly up the ramps and onto the cover.
12. Stop ATV as soon as back tires clear the ramp adapter bars.
13. When unloading the ATV, make sure ramps are parallel.
14. Read, understand, and practice the Proper Transportation techniques on page 5.

## Bed Extension

### **⚠ WARNING**

The DiamondBack Cover Extension is designed to allow short bed trucks to haul two ATVs loaded from the side. Read and understand the “Proper Side Loading w/ Extension” section on pg. 13 of the DiamondBack ATV Solutions owner’s manual before attempting to load ATVs using this extension. **NEVER** transport ATVs with the tailgate down.

#### Parts:

- (1) Deck
- (2) Square Extension Bars
- (4) Black Square Receiver Brackets
- (2) Backing Plates
- (2) Square Receiver Brackets
- (2) Slotted Receiver Brackets
- (8) 5/16”x1-1/4” Stainless Carriage Bolts
- (10) 5/16”x1” Stainless Carriage Bolts
- (8) 5/16” Stainless Nuts
- (8) 5/16” Stainless Lock Washers
- (8) 5/16” Rubber Washers
- (8) 5/16” Zinc Washers
- (8) 5/16” Lock Nuts
- (4) 5/16” Zinc Fender Washers
- (4) 1/4” Spring Pins
- (1) Shim Kit (2) T-nuts & (2) 3-1/2” Bolts

#### Tools needed:

- Ratchet with 1/2” socket  
Drill with 5/16” & 3/8” bits



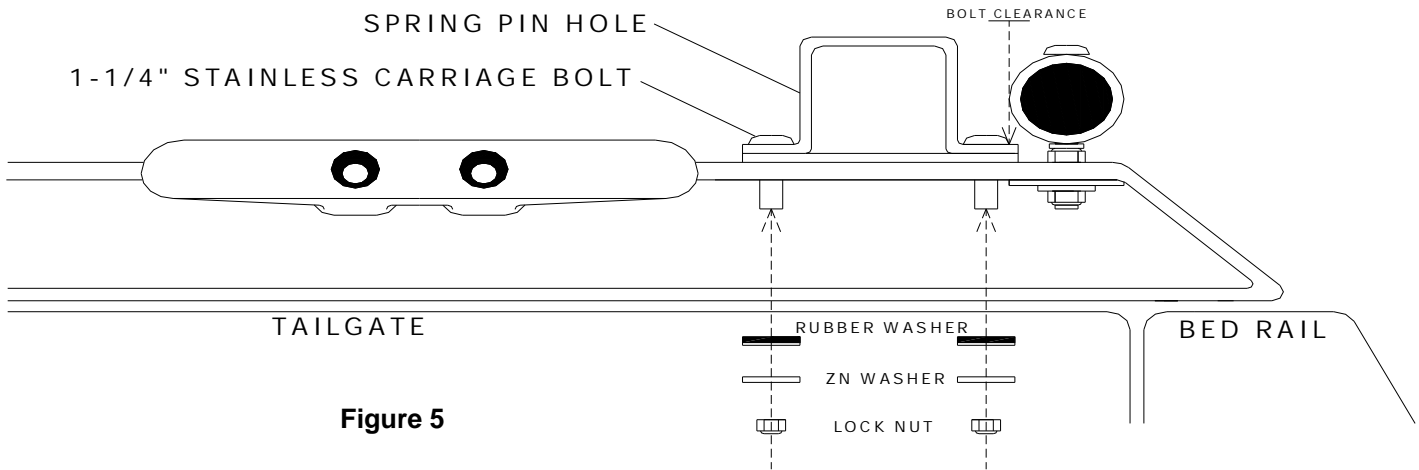
## Extension Installation

1. For ease of installation, it is recommended that the center panel adapter bars be installed prior to installing the cover. Install the two 8” adapter bars on the center panel as described in the “Side Adapter Bar Installation” section, page 7.
2. Next install the cover and the remaining four adapter bars.
3. Once all adapter bars and cover are installed, you are now ready to begin installing the extension.
4. First mount the two black brackets with pin holes as close to the adapter bars as possible on the rear edge of tailgate panel (**Figure 5**).
5. Note that each square bar has a hole near one end to pin the deck to the bar. Place a bar in each bracket so that the end with the hole extends out the back, and the free end lies across the tailgate panel and rests on the center panel (**Figure 6**).

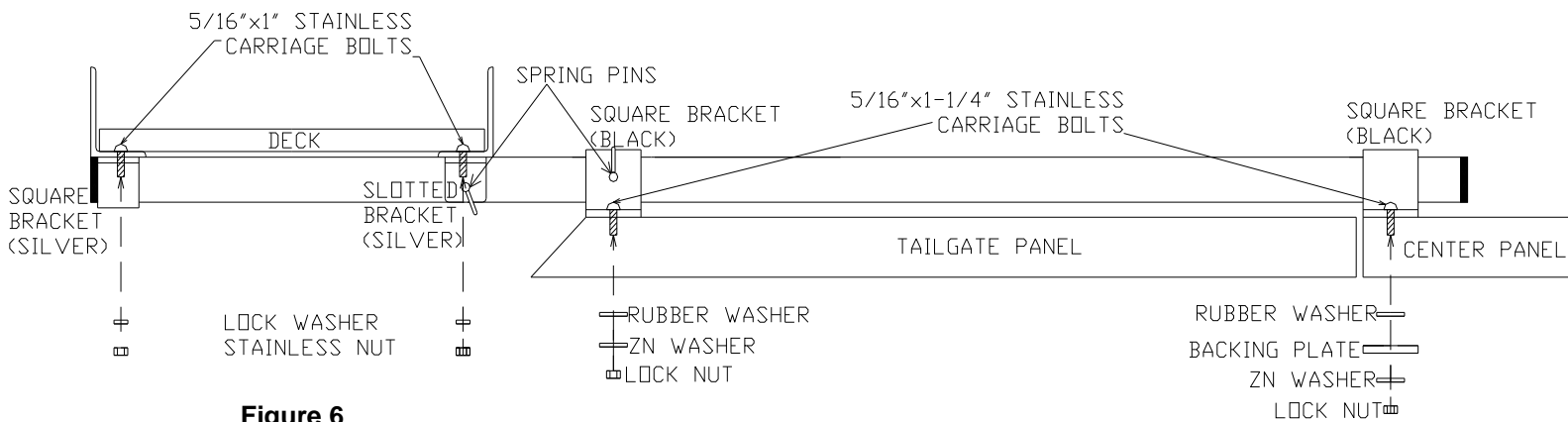
**\*Note: Depending on when the cover was manufactured, the rear cleats may interfere with the extension bars. If this occurs, simply remove the cleat bolt closest to the bar, pivot the cleat towards the center of the cover, and reinstall using the existing hardware. Use the 5/16”x1” stainless carriage bolts, Zn washers, and nylon lock nuts (provided) to seal the exposed hole.**

4. Next, place a square black bracket on the end of each extension bar and align the front of the square bracket with the top of the radius on the front edge of the center panel as shown in Figure 6.
5. Measure the distance between the extension bars at the tailgate. The bars should be the same distance apart at the center panel. Also measure the distance from each bar to the edge of the cover to ensure that the bars are centered on the truck. Depending on the truck model, the square bracket may hit the hinge before the bars are exactly parallel. This will not affect the function or appearance of the extension because the alignment will be maintained when bolting the brackets to the deck.
6. Mount the square brackets and backing plates on the center panel as shown in **Figure 6** using the **5/16”x1-1/4” bolts**.
7. Generally, two full size ATV’s require 98” of bed length for loading and transporting. Measure the top flat portion of the cover starting at the cab, and slide the square extension bars out the back of the cover until both bar ends are 98” from the front of the flat portion of the cover.
8. With the bars adjusted to the correct length, drill (5/16”) through the square bars using the tailgate panel brackets as a guide. Pin the bars in place with a spring pin through each bracket. (**Figure 6**)

9. With the bars pinned in place, pin the two remaining slotted brackets through the existing holes in the bars and slide a square receiver bracket onto each pipe end.
10. From behind the truck, center the deck on the extension bars and align the brackets with the underside of the deck.
11. Drill ( $3/8$ " ) and mount the brackets to the underside of the deck as shown in **Figure 6** using the **5/16"x1"** bolts.
12. See "Side Rails Installation" beginning on page 8 for side rail installation instructions.



**Figure 5**



**Figure 6**



**NEVER** load or transport ATVs with the tailgate down.  
**NEVER** operate extension without spring pins in place.  
 Four ratchet straps **MUST** be used to secure each ATV to the cover.  
 See page 13 for proper extension loading and transportation.

# Proper Side Loading with Extension

## READ BEFORE PROCEEDING



# DANGER

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## Proper Side Loading with Extension

1. NEVER SIDE LOAD WITHOUT USING DIAMONDBACK SIDE RAILS.
2. When hauling only 1 ATV, the ATV should be loaded as near to the center of the truck bed as possible.
3. Two ATVs can also be carried with a short bed truck and extension.
4. Measure the width of both ATVs to be sure both will fit comfortably on top of the cover.
5. When hauling two ATVs, always load the first ATV as near to the cab of the truck as possible.
6. Space the ramps a proper distance apart to line up exactly with the tires of one ATV.
7. ALWAYS MAKE SURE BOTH RAMPS ARE ON FIRM LEVEL GROUND.
8. ALWAYS MAKE SURE THE RAMPS ARE PARALLEL.
9. ALWAYS WEAR YOUR HELMET.
10. BEFORE LOADING YOUR ATV, MEASURE THE WHEEL BASE AND MEASURE YOUR COVER TO ENSURE THAT ALL FOUR TIRES WILL FIT ON THE COVER.
11. After checking ramp attachment and positioning, and after measuring ATV and cover, drive slowly up the ramps and onto the cover.
12. Stop ATV as soon as back tires clear the ramp adapter bars.
13. When unloading the ATV, make sure ramps are parallel.
14. Read, understand, and practice the Proper Transportation techniques below.

## Proper Transportation

1. NEVER load or transport ATVs with the tailgate open.
2. NEVER DRIVE WITH LOOSE OR UNSTRAPPED ATVS.
3. At least 4 tie down straps **MUST** be used per ATV for transportation. These straps should be secured to the front, rear, and center of the ATV and restrict the ATV from moving in any direction.
4. DO NOT exceed 55 mph when transporting ATVs on the DiamondBack Truck Cover.
5. The extra weight associated with hauling ATVs **WILL** increase your truck's center of gravity, and **WILL** significantly hinder your truck's ability to maneuver, stop, and turn. Avoid sharp turns and excessive speeds as this will increase these risks.
6. ALWAYS drive carefully.
7. ALWAYS use a secure strap mechanism such as a ratchet strap when securing your ATV to the cover for transportation.
8. Rock and pull on your ATV to check for stability before traveling. Truck suspension should move with ATVs.
9. DiamondBack ATV Ramps will store underneath most side loaded ATVs. Strap the ramps to the cover using ratchet straps and secure in all directions. Check ramps to ensure stability before transporting.

# Shim Kit

## Parts:

- (2) 12" Aluminum Shims
- (2) Additional Stacking Shims
- (2) 5/16"x3 1/2" Stainless Button Head Bolts
- (2) Threaded Stake Nuts

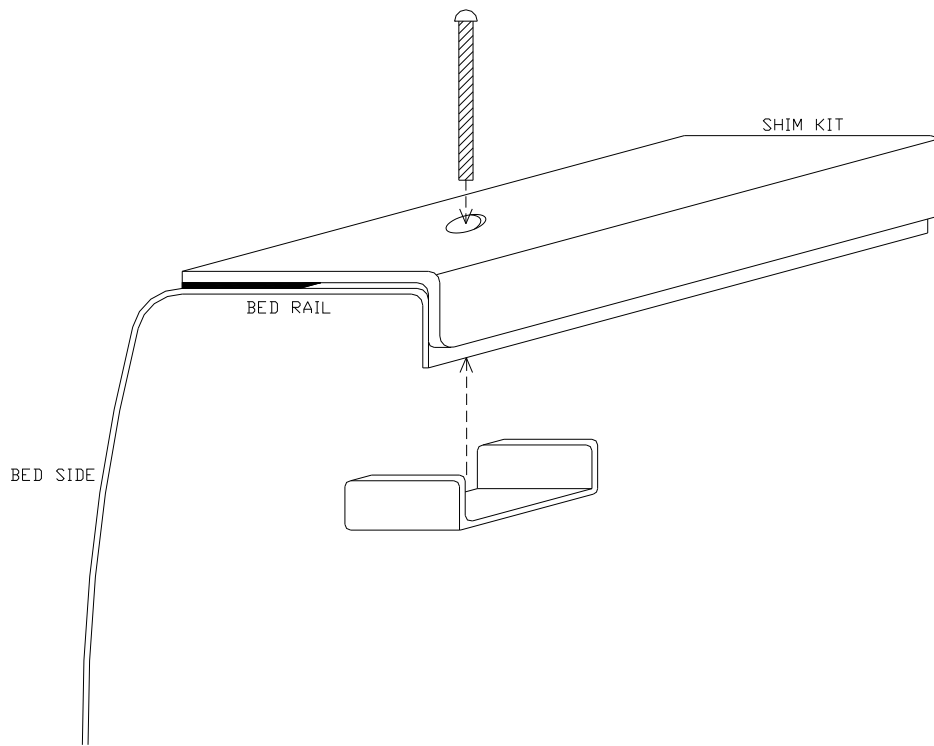
## Tools needed:

- 3/16" Allen key
- Drill with 5/16" bit

## Installation

**\*\*\*Because all tailgates differ between truck make, model, and trim package, it is sometimes difficult to open and close the tailgate when hauling a great deal of weight on the cover. The shim kit provides the clearance necessary to operate the tailgate while carrying a heavy load on the cover.**

1. With the tailgate closed, place the shim on the bed rail, and slide it tight to the inside of the tailgate.
2. Using a tape measure, locate the center of the square stake hole on top of the bed rail and transfer this measurement to the shim plate.
3. Using a 5/16" bit, drill this mark and place the 3-1/2" button head bolt through the hole.
4. Partially thread the stake nut on the end of the bolt.
5. Tilt the shim plate and stake nut forward as you insert the stake nut into the square stake hole.
6. It may be necessary to hold tension on the shim plate as you tighten the stake nut bolt. The inner edges of most stake holes are "hemmed", the stake nut must "straddle" this hemmed portion.
7. Tighten the stake nut bolt completely using a 3/16" drive hex wrench.
8. Repeat this procedure for the opposite side of the bed.
9. When closed, the cover will rest on the shim kit and provide additional clearance between the cover and the tailgate.
10. Stack additional shims as needed.



# 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. Warranty is not valid unless registered with **DiamondBack Automotive Accessories Incorporated** by the original retail purchaser.

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 factory applied coatings to be without defect in adhesion for a period of (3) years following the original retail purchase of the cover. This warranty DOES NOT APPLY to Line X® franchise applied coatings, ATV package covers, 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). Line X adhesion repair will be provided by DiamondBack Automotive Accessories Inc. or the closest available Line X® dealer at DiamondBack Automotive Accessories Inc. discretion.

Scratch or damage repairs are the responsibility of the customer and may be serviced at any authorized Line X® location. Line X® franchisee applied coatings must be returned to original franchisee for warranty service and repair.

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 DiamondBack Automotive Accessories, Inc. This warranty does not cover damaged material or structure due to accident or misuse of the DiamondBack product. DiamondBack makes no claims or warranties whatsoever as to a particular vehicle's ability to support rail mounted accessories without incurring damage. The load capacity of the cover applies to the DiamondBack Truck Cover only. See vehicle manufacturer's specifications for rail mounted accessories.

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.