



DIAMONDBACK

DiamondBackCovers.com / 800 935 4002

ATV CARRIER: SIDE ADAPTER BARS

ATV-4

INSTALLATION GUIDE






40 minutes
Normal install time

Keep an eye out for these icons:

IMPORTANT!
Important installation information

Helpful Hints
Tips to assist installation

PARTS INCLUDED:

Adapter Bars	5/16" Lock Nuts	5/16" Foam Washers	5/16" SS Washers	5/16" Fender Washers
				
SBL-D: (4) 35" + (2) 20"	12	12	24	12
SBL: (4) 35" + (2) 17"				
SBS: (4) 28" + (2) 8"				
SBC: (4) 28"	8	8	16	8
SBM: (4) 20"				

PRE-INSTALLATION NOTES:

1. If you are installing a DiamondBack **Headache Rack**, you must mount it prior to mounting your adapter bars. Refer to the **Headache Rack Installation Guide** for installation details.
2. If your **DiamondBack HD** cover is already installed, remove it and set it on the ground.
3. Do not remove the factory-installed hardware from the adapter bars.

TOOLS REQUIRED:



Drill



5/16" Bit



Chalk Line



Marker



Ratchet Wrench



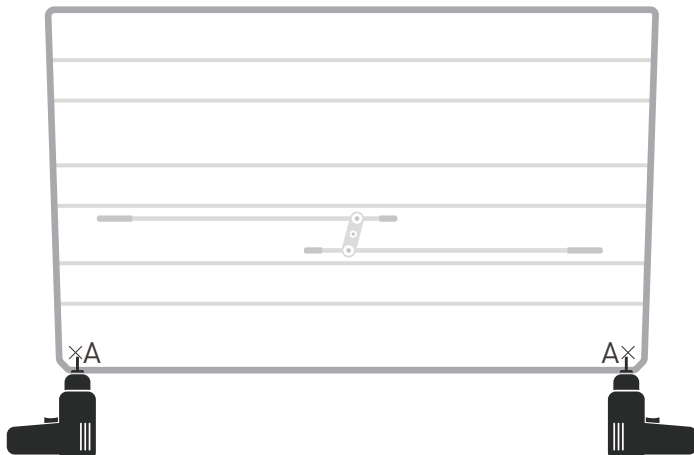
1/2" Socket



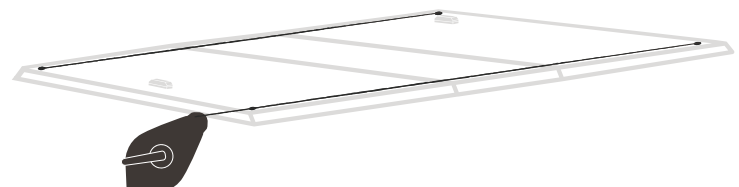
9/16" Socket

PREPARE THE COVER

- 1 On the ground, attach the cab and tailgate panels of the cover to the center panel by mating the hinges.
- 2 Use a 5/16" bit to drill bolt holes up through the tailgate panel at the two 'x' marks labeled 'A' on its underside near its chamfered corners.



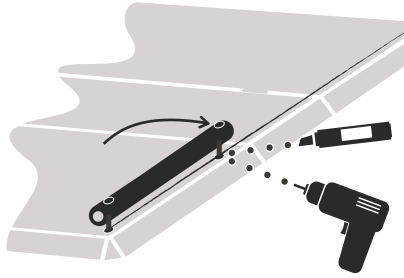
- 3 Repeat step 2 for the cab panel, except if you have already installed a DiamondBack Headache Rack.
- ★ If you have already installed a Headache Rack, you'll use its leftmost and rightmost base-plate holes as the forwardmost holes for the cab-panel adapter bars.
- 4 If the gas springs are still attached to the cab and tailgate panels, detach them. Lay the panels flat.
- ! To avoid hinge damage, make sure to fully mate the hinges before bringing the cab panel back into its closed position.
- 5 Snap a chalk line along the length of the cover between each pair of holes.



MOUNT THE BARS

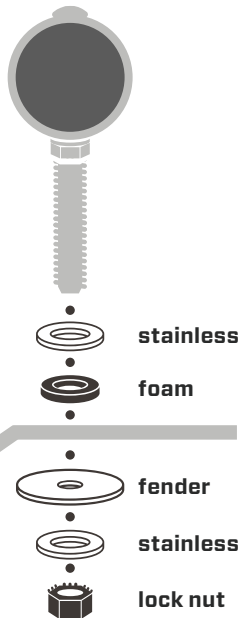
6 Take a **long adapter bar** and insert one of its bolts through a stainless washer, through a foam washer, then into an open hole.

7 Swivel the adapter bar so its other bolt aligns with the chalk line. Mark that intersection.



8 Drill the mark.

9 Insert the second adapter-bar bolt through a stainless washer, through a foam washer, then into the new hole.



10 Put a fender washer, stainless washer, and lock nut, in that order, onto each bolt. Tighten the lock nut using a 1/2" socket until the foam washer is fully compressed and the stainless washer above it is tight to the surface of the cover.

! Make sure there is absolutely no play in the bar when you forcefully push or pull it from above.

11 Repeat steps 6-10 for the other three long adapter bars.

12 If there are no more adapter bars to install, skip to step 17. If two more adapter bars remain, remove the cab and tailgate panels from the center panel.

13 Set one **short adapter bar** onto the center panel, centered along the panel's width, its bolts aligned with the chalk line. Mark the intersection of one of the bolts with the chalk line.



14 Double-check the underside of the cover to verify that nothing will obstruct the washers and bolts at this location. Drill the mark.

15 Repeat steps 6-10 for this short adapter bar.

16 Repeat steps 13-15 for the other short adapter bar on the other side of the center panel.

17 Re-install the cover.

! To avoid hinge damage, make sure to fully mate the hinges before bringing the cab panel back into its closed position.

