



# DIAMONDBACK

DiamondBackCovers.com / 800 935 4002

## All-New '19-up Ram 1500



# INSTALLATION GUIDE

CVR-7

**45 minutes**  
Normal install time

Keep an eye out for these icons:

**IMPORTANT!**  
Important installation information

**Helpful Hints**  
Tips to assist installation

### PARTS INCLUDED:



Cab Panel



Center Panel



Tail Panel



Bed-Rail Edge Trim (4)



1/8" Hex Key



Cap Clamps (4)



Gas Springs (4)

### TOOLS REQUIRED:



Ratchet Wrench



9/16" Socket



Utility Knife



7/16" Socket

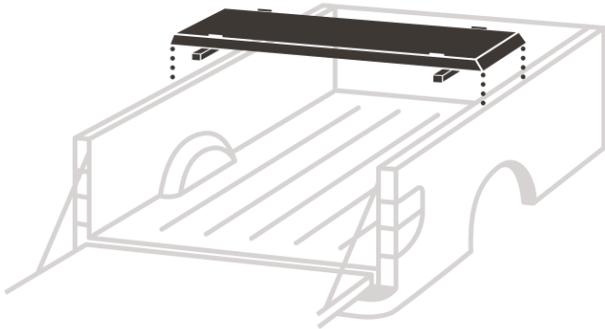
### PRE-INSTALLATION NOTES:

If you're installing a **cab guard** or **headache rack**, mount it prior to mounting the cover. Refer to its installation guide for details.

It's possible for one person to install a the cover solo, but the whole process is much easier with two people.

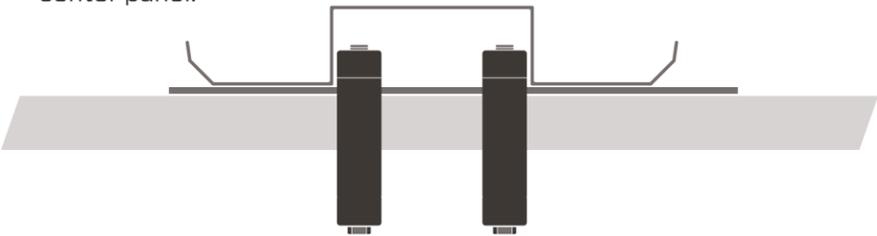
## MOUNT THE PANELS

**1** Place the **center panel** across the center of the bed, cheated slightly toward the tailgate.

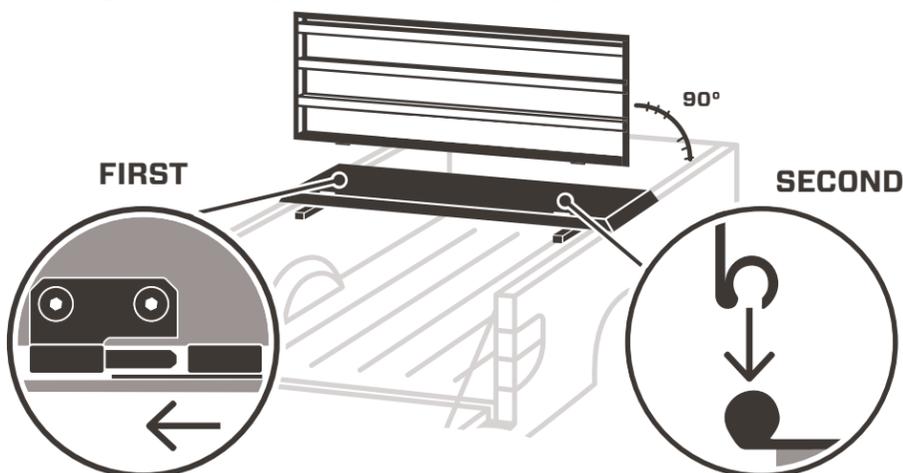


**!** Since the cover is slightly tapered, make sure the arrow sticker on the underside of the center panel is pointing toward the tailgate.

**2** Loosely affix the center panel to the truck by finger-tightening a **cap clamp** at each of the four interior corners of the underside of the center panel.

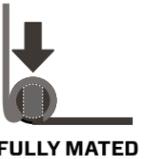


**3** Attach the **tail panel** by angling it 90° from the bed rails, sliding its driver-side, loop-shaped hinge knuckle fully onto the corresponding center-panel hinge pin, then dropping its passenger-side, C-shaped hinge knuckle fully onto its corresponding pin.

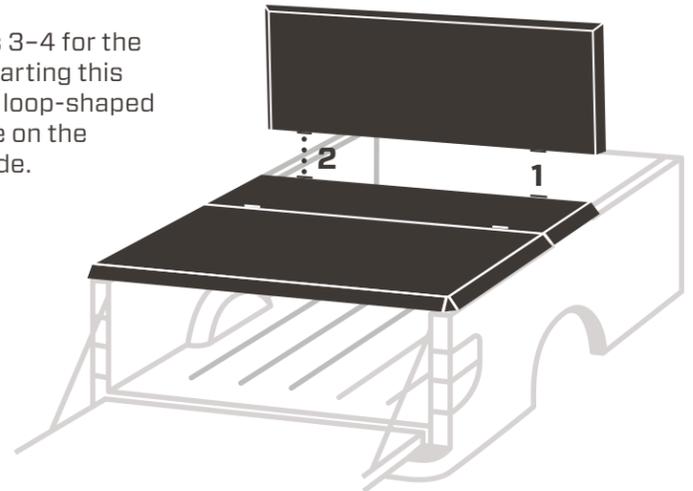


**4** Lower the tail panel into the closed position.

**!** To avoid hinge damage, make sure the drop-on hinge is fully mated before beginning to close the panel.

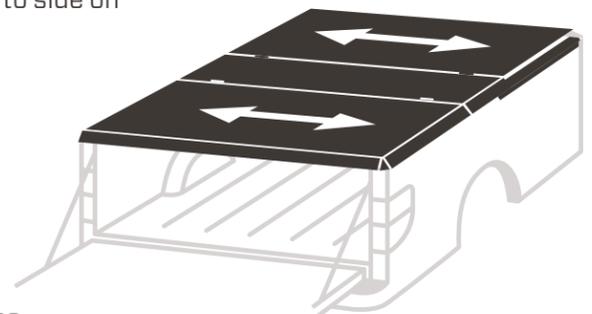


**5** Repeat steps 3-4 for the **cab panel**, starting this time with the loop-shaped hinge knuckle on the passenger side.



**6** Position the cover front to back so that the leading edge of the closed cab panel lines up with the outside edge of the center of the bulkhead.

**7** Center the cover side to side on the truck.



**8** Tighten the cap clamps with a 9/16" socket.

**!** Road vibration can loosen your clamps. Retighten them after 100 miles. Check them every time you haul on top.

CONTINUED ON REVERSE >

## ADJUST THE LOCK RODS

**8** If a DiamondBack HD, unpin each of the four lock-rod guide-bracket slide plates by using a 7/16" socket to move one of its bolts to the second, unoccupied slot.

**9** Peel the red adhesive backing from the **edge trim pieces**. Affix them to the metal bed rail at each of the points where a rod will pass underneath, the bottom curl of their j's touching the bottom edge of the rail.

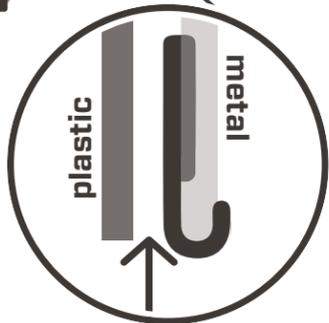
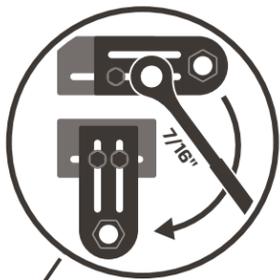
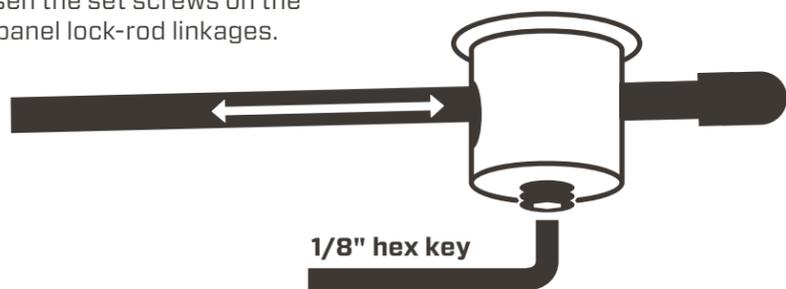
★ On a Ram with the Multi-Function Tailgate, only the tail-panel lock rods will pass underneath the bed rails, so you'll need only two pieces of edge trim.

! Affix the edge trim to the painted metal only, *behind* the plastic bed liner or bed rail cap.

★ You may need to pull the plastic bed rail cap away from the metal bed rail to provide enough clearance to get the edge trim on.

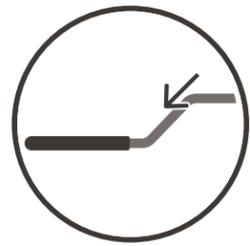
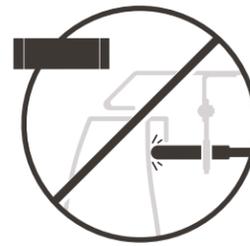
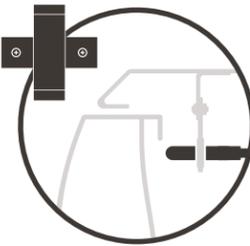
★ Using a tool to widen the curl of the 'j' can make this step easier.

**10** Loosen the set screws on the tail-panel lock-rod linkages.

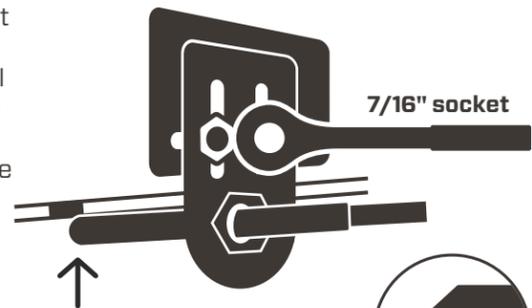


**11** Adjust the lock rods and retighten their set screws so that

- with the lock handle in the open position, the rod tips clear the bed rails,
- with the handle in the closed position, the rod tips do not strike the bed walls, and
- the first bend in the rods points downward.



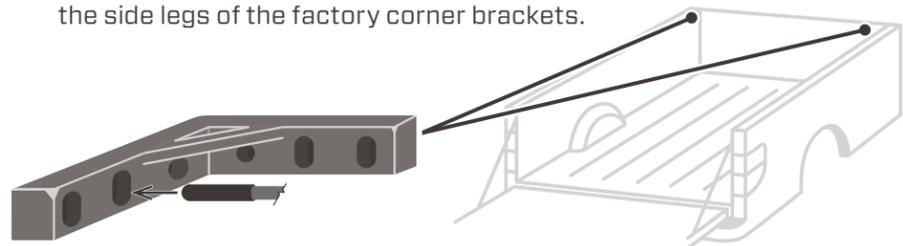
**12** Position the lock rods tight against the underside of the bed rails so that they'll draw the panels down and compress the weather-strip. Tighten the rod guide brackets with a 7/16" socket.



! For best weather protection, have a second person press down on the cover while you adjust the lock rods.

★ Using the access panels is easiest when you press down as you open or close them.

**13** Repeat steps 10-12 for the cab panel, but instead of bracing the lock rods against the bed rails themselves, use the oblong holes in the side legs of the factory corner brackets.



★ Your panels should be hard to operate at first. After finishing install below, leave the panels closed as much as possible for 3-4 days to break in the weatherstrip. After that period, you should find that the panels open and close without difficulty.

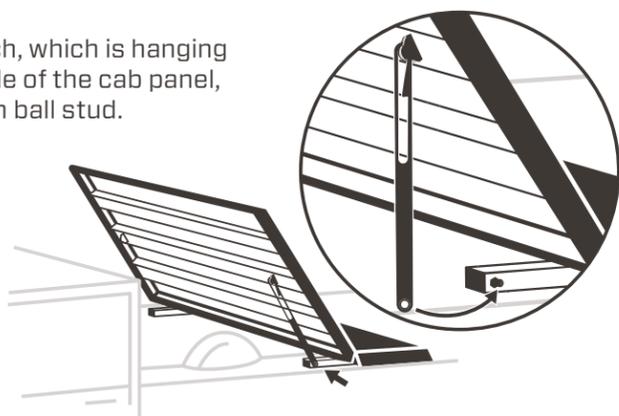
★ If you are also installing a **Cross Bin**, do so now. Refer to the **Cross Bin Installation Guide** for details.

## ATTACH THE SAFETY CATCH & GAS SPRINGS

**14** Open the cab panel. Have a second person support it in the open position.

**15** Slip the looped ends of the cable tethers that are attached to the underside of the cab panel around the center-panel ball stud arms, well past the ball studs.

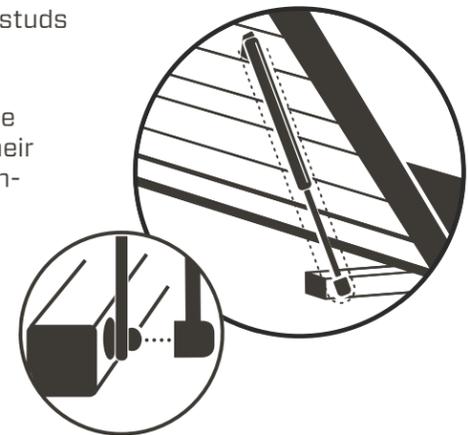
**16** Fit the safety catch, which is hanging from the driver side of the cab panel, around the bottom ball stud.



**17** Attach a **gas spring** to the ball studs alongside the safety catch.

★ If some of your gas springs have heavier poundage printed on their sides than others, use the stronger ones on the cab panel.

! To avoid premature failure of your gas springs, attach them barrel up, shaft down.



**18** Attach the three remaining gas springs (barrel up, shaft down).

**19** If your truck has bed rail caps, affix the included **bulkhead weatherstrip** if you haven't already. Refer to the **Bulkhead Prep Kit Installation Guide** for details.

**20** Leave the cover closed and locked for 24 hours to allow the weatherstrip adhesive, which is pressure-sensitive, to fully cure.

**24 hours**  
Adhesive cure time