

INSTALLATION GUIDE

CVR-270.4

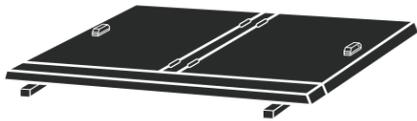
60 minutes
Normal Install Time

Keep an eye out for these icons:

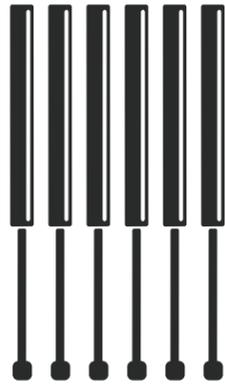
! IMPORTANT!
Important installation information

★ Helpful Hints
Tips to assist installation

PARTS INCLUDED:



Cab & T Panels Assembly



Gas Springs (6)



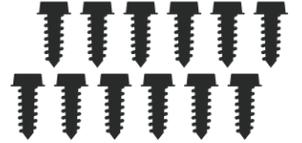
Edge Trim (2)



Clamp Bracket



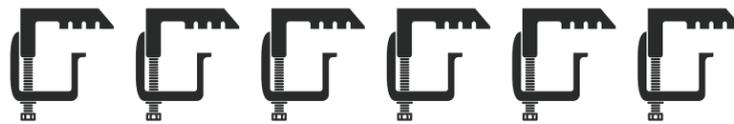
Lock Rod Striker Brackets (2)



Self-Drilling Screws (12)



Tailgate Panel



Cap Clamps (6)

PRE-INSTALLATION NOTES:

If your truck has bed rail caps, you should affix the included **bulkhead prep kit** prior to installing the DiamondBack 270. Refer to the **Bulkhead Prep Kit Installation Guide** for details.

TOOLS REQUIRED:



Drill



3/8" Nut Driver



Ratchet Wrench



9/16" Socket



7/16" Socket



1/8" Hex Key



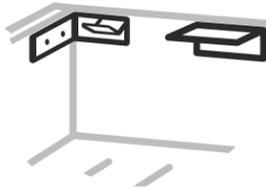
Tape Measure

PREPARE THE CARGO BED & POSITION THE COVER

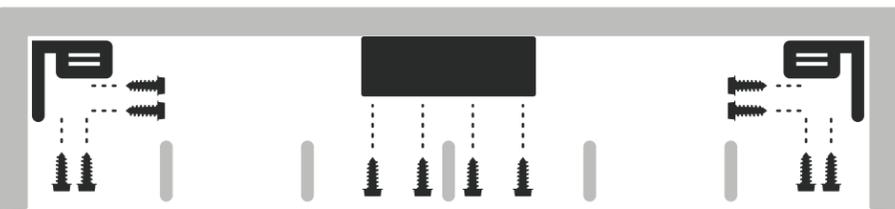
1 Attach the **clamp bracket** to the bulkhead, centered side to side and flush with the top rail, using a drill, 3/8" nut driver bit, and four self-drilling screws.

★ Installing the clamp bracket is easiest if you pre-drill it using the screws.

2 Use four screws to attach a **lock rod striker bracket** to each front corner of the cargo bed, the bracket's V bend pointing rearward and its side screw flange located as high as possible without it breaking the plane of the top of the bed rail.

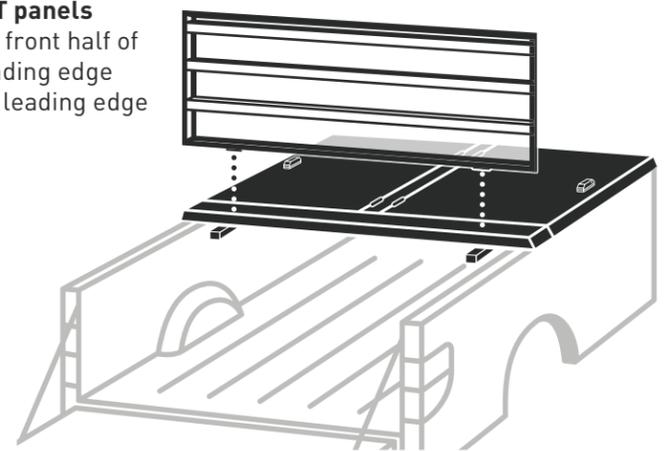
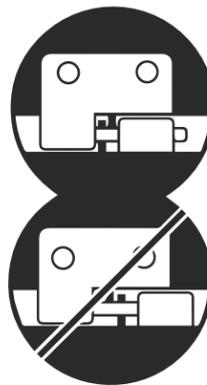


★ It's OK for the V bend to break the plane of the top of the bed rail.



3 If you are also installing a **Cross Bin**, do so now. Refer to page 2 of the **Cross Bin Installation Guide** for details.

4 Place the **cab & T panels assembly** on the front half of the bed so its leading edge lines up with the leading edge of the bulkhead.



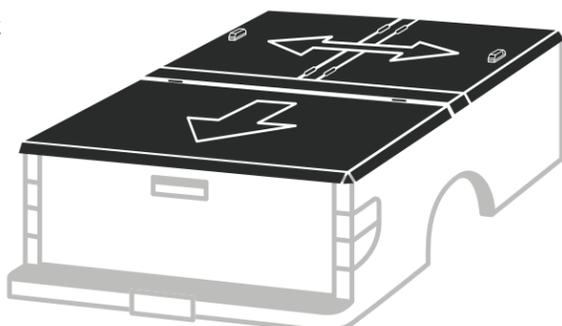
5 Slide the tailgate panel onto the T panel by mating their hinges. Close the tailgate panel slowly while holding the lock handle in the open position.

! To avoid hinge damage, do not close the panel until hinges are fully mated: Tilt the panel past 90° and push to the left until the hinge locking tabs interlock and the hinge barrels are aligned with the leaves.

★ Mating hinges is easiest when you line up the longer, left hinge pin first.

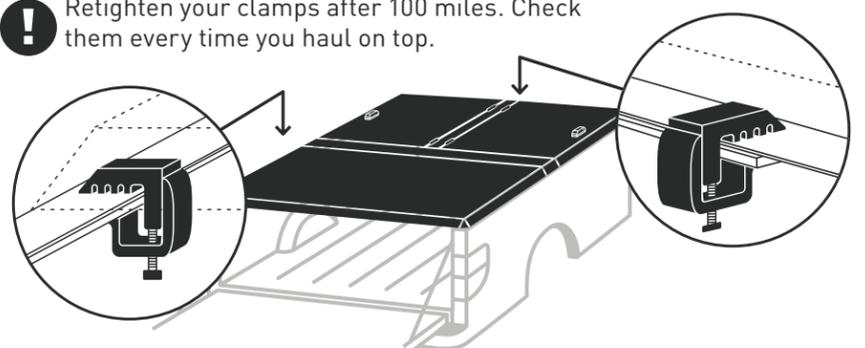
6 Turn the lock handle back to the closed position so that the lock rods pass underneath the bed rails. Close the tailgate.

7 Center the DiamondBack side to side.



8 Place two **cap clamps** as far apart as possible at each of the three ends of the T panel. Tighten with a 9/16" socket.

! Retighten your clamps after 100 miles. Check them every time you haul on top.



ADJUST THE LOCK RODS

9 Peel the red adhesive backing from the **edge trim** pieces and place them on the top rims of the factory holes in the bed walls under the tailgate panel. (See step 11 illustration for location.)

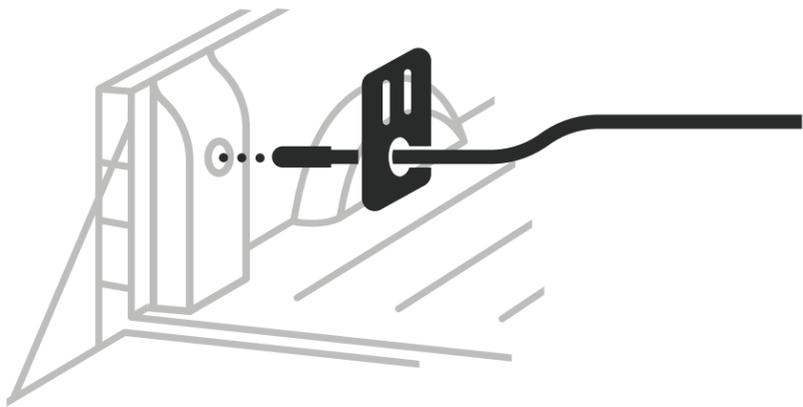


★ There may be plastic plugs in the factory holes. Remove them.

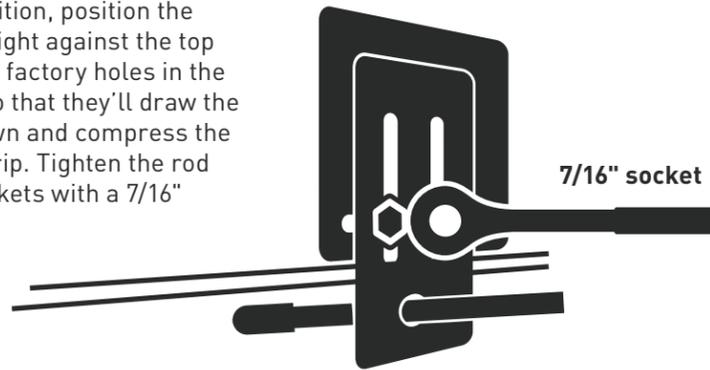
10 Loosen the set screws on the tailgate panel lock rod linkages.



11 With the lock handle in the open position, adjust the length of the lock rods so that their tips stop about 1/4 inch short of the factory holes.



12 With the lock handle in the closed position, position the lock rods tight against the top rims of the factory holes in the bed wall so that they'll draw the panels down and compress the weatherstrip. Tighten the rod guide brackets with a 7/16 inch socket.



! To get the weatherstrip compression necessary for its adhesive to cure and the cover to keep out the weather, have a second person press down on the cover while you're adjusting the lock rods.

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



13 Repeat steps 9 through 12 for the forward cab panel lock rods so that:

- A. the ends of the lock rods point toward the bed floor and never touch the bulkhead.
- B. are tight against the underside of the striker brackets so that they draw the cab panels down and compress the perimeter weatherstrip.

★ Rearward cab panel lock rods come pre-adjusted tight against the T panel gutters. You need only to adjust the forward lock rods.

14 Double-check all three panels to ensure they open, close, lock & seal correctly. If at any point the weatherstrip does not touch the bed rails, adjust the position of the lock rods.

! To ensure the best weatherstrip adhesion, leave your cover and tailgate closed and locked for 24 hours after you've made your final adjustments.

★ Your panels should be difficult to operate at first. Leave them 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.

ATTACH THE GAS SPRINGS

Note: If you are also installing a **Single-Side Bin**, do so now. Refer to the **Single-Side Bin Installation Guide** for details.

15 Attach the 60-lb. gas springs to the cab-panel ball studs and the two stronger gas springs to the tailgate-panel ball studs.

★ You'll find the strength of the gas springs printed on the sides of the barrels.

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

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

