



# DIAMONDBACK

DiamondBackCovers.com / 800 935 4002

'07-up Tundra, '05-up Tacoma w/73" bed,  
'04-up Titan, '05-up Frontier & '20-up Gladiator  
w/Deck Rail System, Utili-track, or Trail Rail

270

CVR-270.3

## INSTALLATION GUIDE

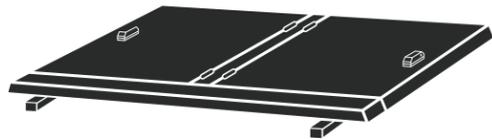
**60 minutes**  
Normal install time

Keep an eye out for these icons:

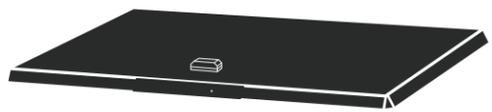
**IMPORTANT!**  
Important installation information

**Helpful Hints**  
Tips to assist installation

### PARTS INCLUDED:



Cab & T Panels Assembly



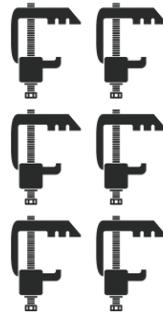
Tail Panel



Bed-Rail  
Edge Trim (2)  
(Frontiers only)



1/8" Hex  
Key



Cap Clamps (6)  
exact appearance varies



Gas Springs (6)



Ratchet Wrench



Utility Knife  
(Frontiers only)



9/16"  
Socket



7/16"  
Socket

### PRE-INSTALLATION NOTES:

If you have a **Gladiator, Tundra, Titan, Frontier,** or **'16-up Tacoma,** affix the included bulkhead weatherstrip first. Refer to its separate installation guide for details.

If you are installing a **Cross Bin,** you should start that before you install the Diamond-Back 270. Refer to page 2 of the Cross Bin Installation Guide for details.

If you have a **Tundra,** put the bed rail cap shims on first. Refer to their separate installation guide for details.

## MOUNT THE COVER

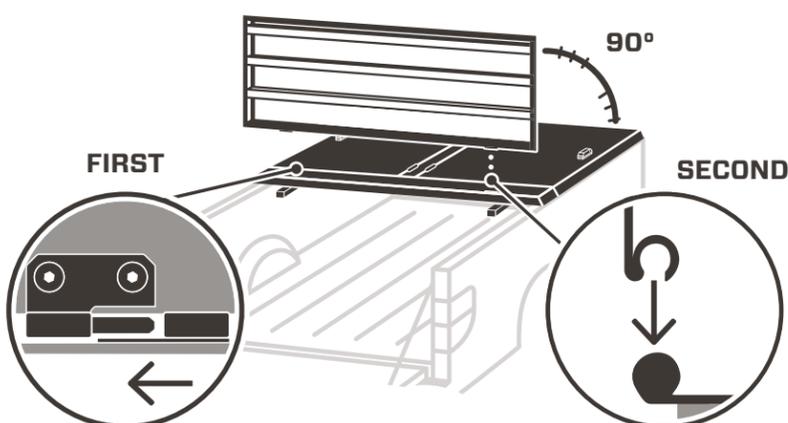
**1** Place the **cab & T panels assembly** on the front half of the bed so its leading edge lines up with the outside edge of the bulkhead.

**2** Loosely affix the T panel to the truck by finger-tightening two **cap clamps** under both side ends of the T panel.

**!** The clamps' bottom jaws should grip inside the deck rails, Utili-track, or Trail Rail.

**★** If you have two different kinds of clamps, use the four of a kind on this step.

**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, making sure the drop-on hinge is fully mated.

**5** Center the cover side to side.

**6** Place the two remaining cap clamps under the nose of the T panel.

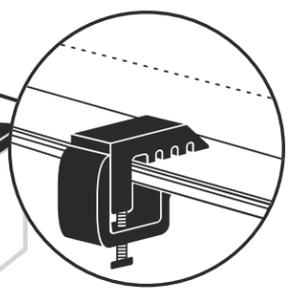
**!** The bottom jaws of the nose clamps should grip the:  
A. underside of the bulkhead angle on Frontiers,  
B. underside of square-tube top rail on '16-up Tacomas, and  
C. inside of Trail Rail, deck rail, or Utili-track on Gladiators, Tundras, Titans & '05-15 Tacomas.

**7** Tighten all six cap clamps with a 9/16" socket.

**!** On Toyotas and Gladiators, don't tighten the clamps so much that they deform the plastic bed rail caps.

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

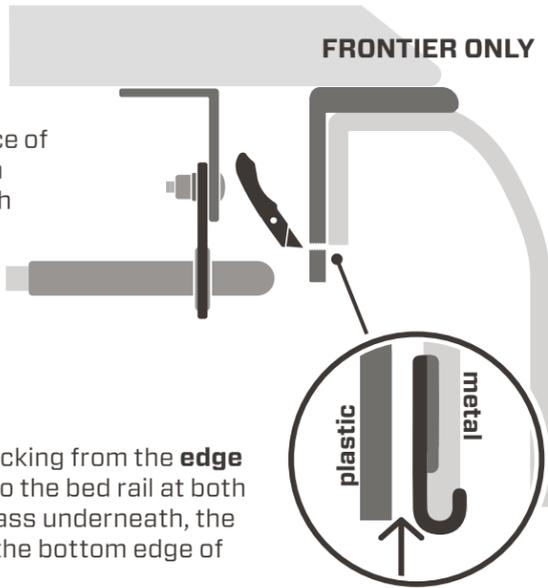
**8** If you have a '05-15 Tacoma, affix the included **bulkhead weather-strip** now. Refer to the Bulkhead Prep Kit Installation Guide for details.



CONTINUED ON REVERSE >

# SET THE LOCK RODS

**9** If your truck is not a Frontier, skip to step 11. If it is, and if plastic extends beyond the bottom of the vertical face of the metal bed rails, trim a two-inch length of it, flush with the bed rail's bottom edge, at both points under the tail panel where a lock rod will pass under the rails.

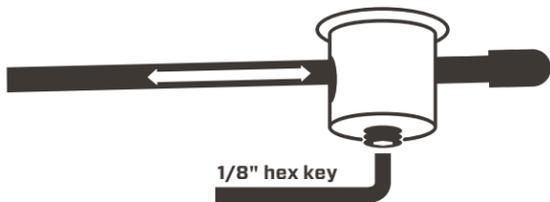


**10** Peel the red adhesive backing from the **edge trim pieces**. Affix them to the bed rail at both points where a rod will pass underneath, the curl of their 'j's touching the bottom edge of the rail.

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

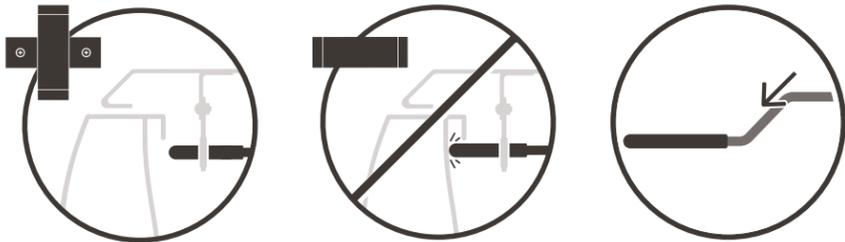
★ Using a tool to widen the curl of the 'j' can make this step easier.

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



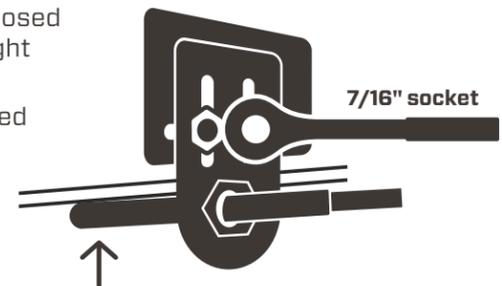
**12** Adjust the length of the lock rods & retighten the set screws so that:

- with the lock handle in the open position, the rod tips clear the bed rails (Frontier), Utili-track (Titan), or deck rail system (Tundra & Tacoma),
- with the handle in the closed position, the rod tips do not strike the bed walls, and
- the first bend in the lock rods points downward.



**13** With the lock handle in the closed position, set the lock rods tight against:

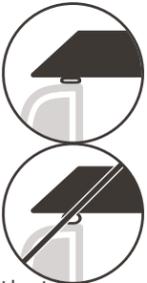
- the underside of the bed rails on Frontiers,
- the underside of the Utili-track on Titans, and
- the inside of the deck rails on Tundras and Tacomas.



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.



**14** Repeat steps 11-13 for the forward cab-panel lock rods so that:

- with the lock handles in the open position, the rod tips clear the bulkhead angle (Nissan), deck rails (Tundra & '05-15 Tacoma), Trail Rail (Gladiator) or square-tube top rail ('16-up Tacoma).
- in the closed position, the rod tips do not strike the bulkhead, and
- in the closed position, they are tight against:
  - the underside of the bulkhead angle on Nissans,
  - the underside of the square-tube top rail on '16-up Tacomas, and
  - the inside of the deck rails or Trail Rail on Tundras, '05-15 Tacomas, and Gladiators.

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

**15** 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.

★ 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

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

**17** Attach the two stronger **gas springs** to the tail-panel ball studs and the four weaker gas springs to the cab-panel ball studs.

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

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

**18** 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

