

# INSTALLATION GUIDE

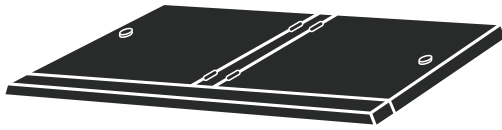
**60 minutes**  
Normal Install Time

Keep an eye out for these icons:

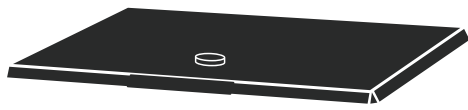
**IMPORTANT!**  
Important installation information

**Helpful Hints**  
Tips to assist installation

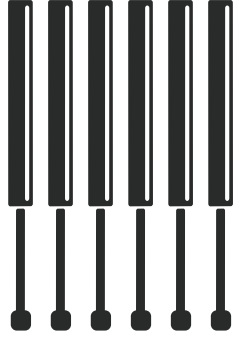
## PARTS INCLUDED:



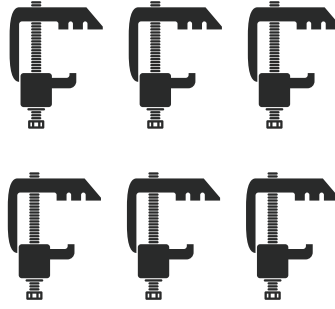
Cab & T Panels Assembly



Tailgate Panel



Gas Springs (6)



Cap Clamps (6)

## PRE-INSTALLATION NOTES:

1. If you have a Tundra, Titan, or Frontier, you should affix the included **Bulkhead Prep Kit** prior to installing the DiamondBack 270. Refer to the **Bulkhead Prep Kit Installation Guide** for details.
2. If you are installing a Cross Bin, you should start that before you install the DiamondBack 270. Refer to page 2 of the Cross Bin Installation Guide for details.

## TOOLS REQUIRED:



Drill



3/8" Nut Driver



Ratchet Wrench



9/16" Socket



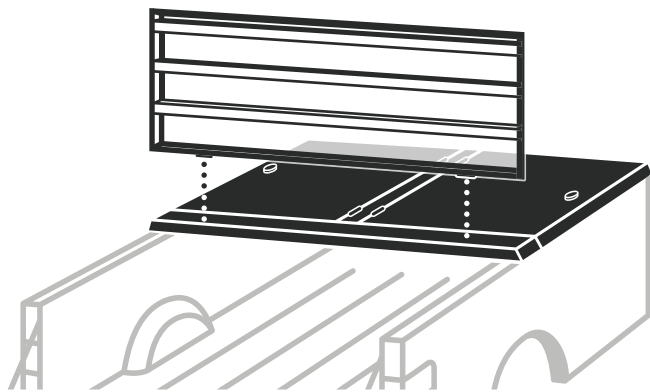
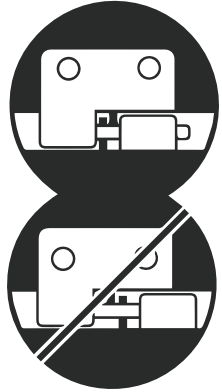
7/16" Socket



1/8" Hex Key

## PREPARE THE CARGO BED & POSITION THE COVER

- 1 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.

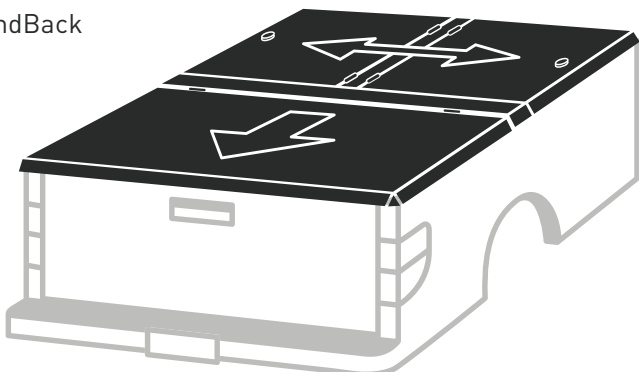


- 2 Slide the tailgate panel onto the T panel by mating their hinges. Close the tailgate panel slowly while holding the lock handle in the open position.

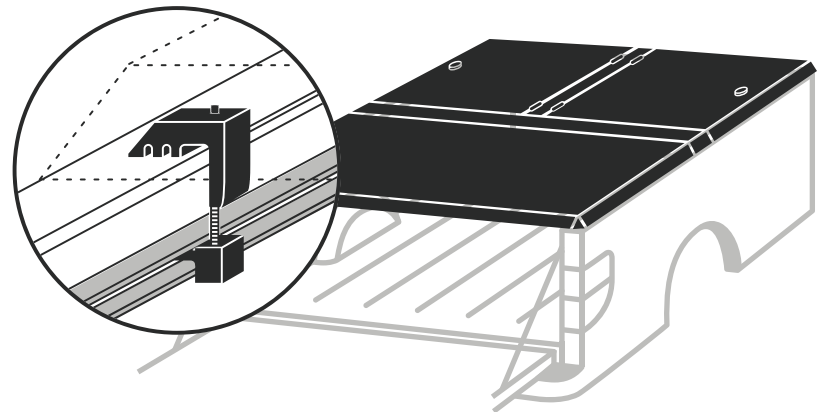
**!** To avoid hinge damage, do not close the panel until the hinges are fully mated: Tilt the panel past 90° and push to the left until the hinge locking tabs interlock and the hinge barrels are aligned with the leaves.

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

- 3 Center the DiamondBack side to side.



- 4 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 to 25 ft.-lbs.



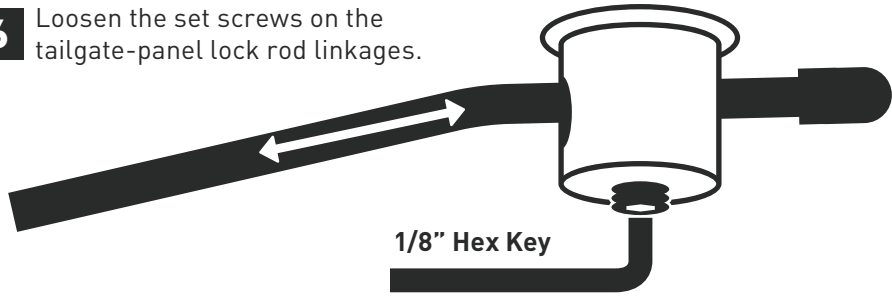
**!** The bottom halves of the cap clamps should fit into the cargo management rail, except at the front of a Frontier, where they should be under the angle iron.

**!** Retorque your cap clamps after 100 miles.

- 5 If you have a Tacoma, affix the included bulkhead weatherstrip now. Refer to the **Bulkhead Prep Kit Installation Guide** for details.

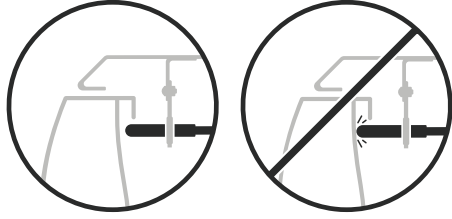
# ADJUST THE LOCK RODS

**6** Loosen the set screws on the tailgate-panel lock rod linkages.

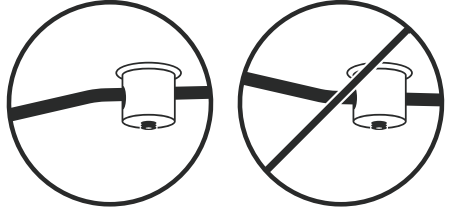


**7** Adjust the length of the lock rods and retighten the set screws so that:

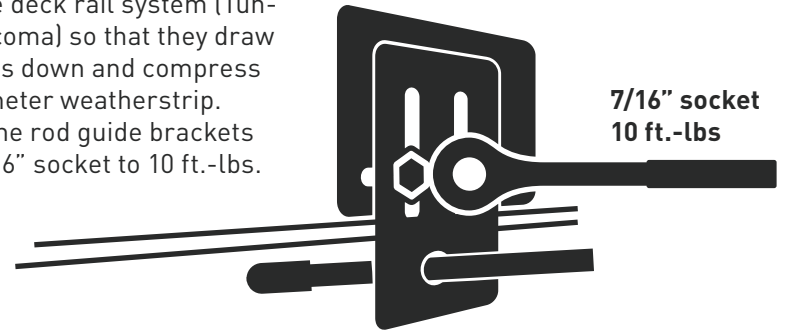
A. In the closed position they travel as close as possible to—but no more than—1½” past the underside of the bed rail lips (Frontier), 1½” into the Utili-track (Titan), or 1½” under the deck rail system (Tundra & Tacoma).



B. The ends of the lock rods point toward the bed floor.

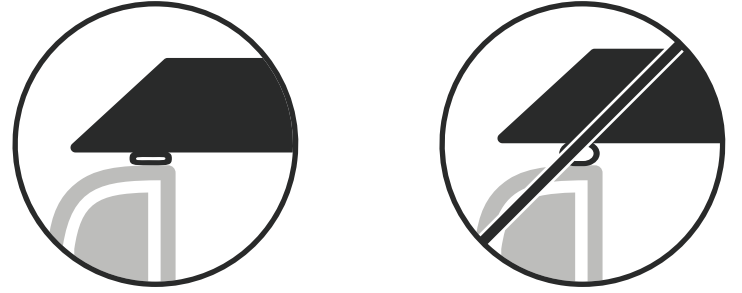


**8** Position the lock rods tight against the underside of the angle iron (Frontier), the top rail of the Utili-track (Titan), or the bottom rail of the deck rail system (Tundra & Tacoma) so that they draw the panels down and compress the perimeter weatherstrip. Tighten the rod guide brackets with a 7/16” socket to 10 ft.-lbs.



**!** To get the weatherstrip compression necessary for its adhesive to cure and for 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.



**9** Repeat steps 6 through 8 for the forward cab-panel lock rods so that:

- A. their ends point toward the bed floor and never touch the bulkhead.
- B. they are tight against the underside of the angle iron (Frontier), the top rail of the Utili-track (Titan), or the bottom rail of the deck rail system (Tundra & Tacoma).

**★** You can leave your rearward cab panel lock rods alone. They come pre-adjusted from the factory.

**10** 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 to the **Single-Side Bin Installation Guide** for details.

**11** Attach **gas springs** to all six ball studs.

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

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

