"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

INSTALLATION GUIDE

PARTS INCLUDED:
- Cab & T Panels Assembly
- Bed-Rail Edge Trim (2) (Frontiers only)
- Tail Panel
- 1/8” Hex Key
- Cap Clamps (6) exact appearance varies
- Gas Springs (6)

TOOLS REQUIRED:
- Ratchet Wrench
- 9/16” Socket
- Utility Knife (Frontiers only)
- 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.

3. The clamps’ bottom jaws should grip inside the deck rails, Utili-track, or Trail Rail.

4. 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.

5. Center the cover side to side.

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

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

8. 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.

If you have a '05-15 Tacoma, affix the included bulkhead weatherstrip now. Refer to the Bulcheck Prep Kit Installation Guide for details.
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.

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

Adjust the length of the lock rods & retighten the set screws so that:
A. 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),
B. with the handle in the closed position, the rod tips do not strike the bed walls, and
C. the first bend in the lock rods points downward.

With the lock handle in the closed position, set the lock rods tight against:
A. the underside of the bed rails on Frontiers,
B. the underside of the Utili-track on Titans, and
C. 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.

Repeat steps 11-13 for the forward cab-panel lock rods so that:
A. 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).
B. in the closed position, the rod tips do not strike the bulkhead, and
C. 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.

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.

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

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.

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