



DIAMONDBACK

Most Trucks with Bed Wall Tracks / Cargo Management Systems



INSTALLATION GUIDE

CVR-180.4

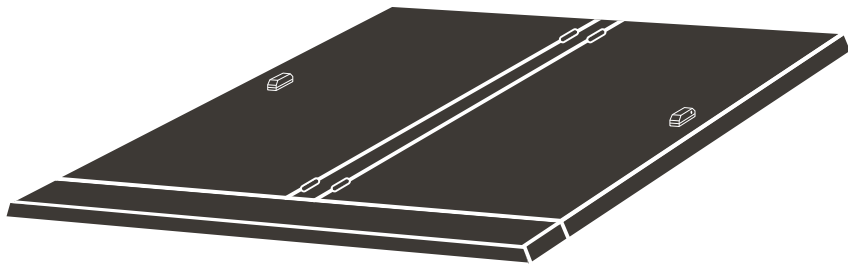
60 minutes
Normal install time

Keep an eye out for these icons:

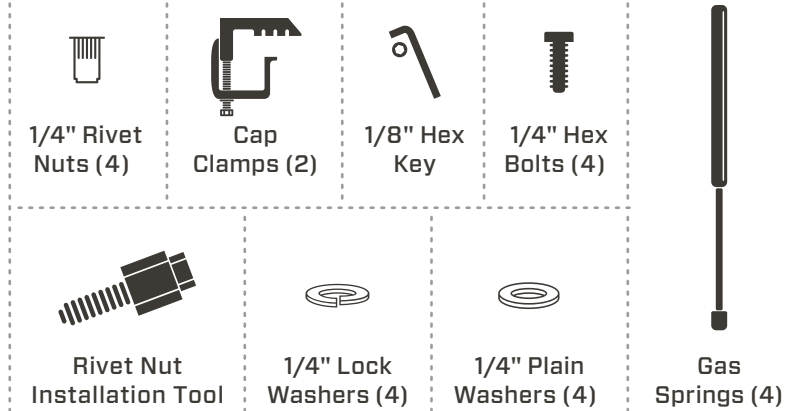
IMPORTANT!
Important installation information

Helpful Hints
Tips to assist installation

PARTS INCLUDED:



180 Cover



TOOLS REQUIRED:



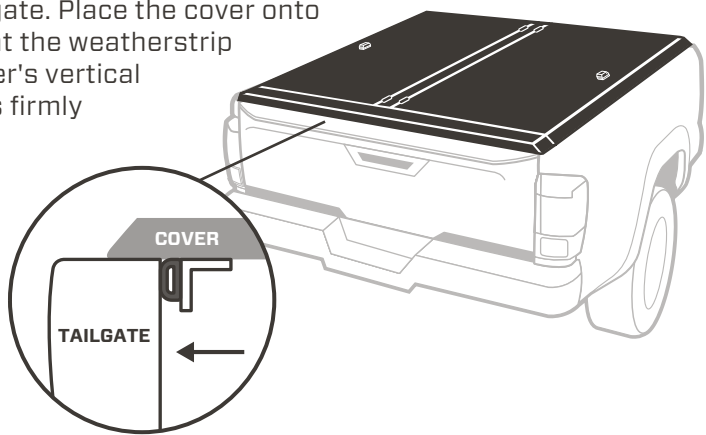
PRE-INSTALLATION NOTES (REVIEW ALL OTHER INCLUDED INSTALLATION GUIDES BEFORE BEGINNING)

Most trucks require the **bulkhead weatherstrip** to be installed and some require additional bulkhead preparations. Please refer to the instructions in the **Bulkhead Prep Kit** prior to mounting the cover.

If you are installing a bin, refer to the bin's installation guide for details.

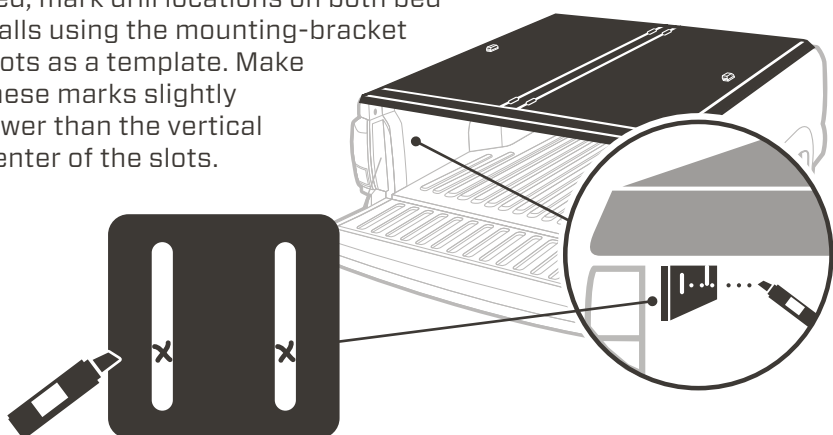
PREPARE THE CARGO BED

1 Close the tailgate. Place the cover onto the bed so that the weatherstrip along the cover's vertical sealing face is firmly compressed against the inside edge of the tailgate.



2 Center the cover side to side.

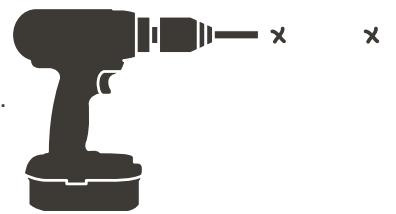
3 Open the tailgate. At the rear of the bed, mark drill locations on both bed walls using the mounting-bracket slots as a template. Make these marks slightly lower than the vertical center of the slots.



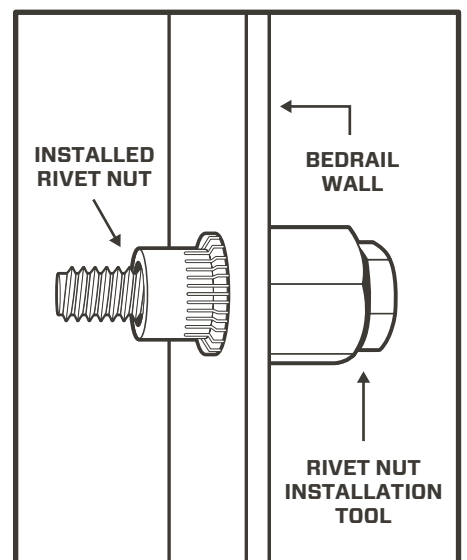
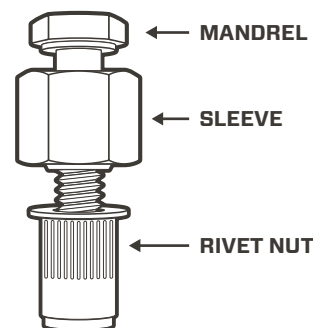
4 Remove the cover.

5 Drill the marks using a 25/64th" bit.

★ To make drilling 25/64th" hole easier, use a smaller bit to drill a pilot hole.



6 Thread a rivet nut onto the **rivet nut installation tool**. Hand-tighten until the hexagonal sleeve is tight to the face of the rivet nut. Next, using a rubber mallet, gently tap rivet nut into the pilot hole.



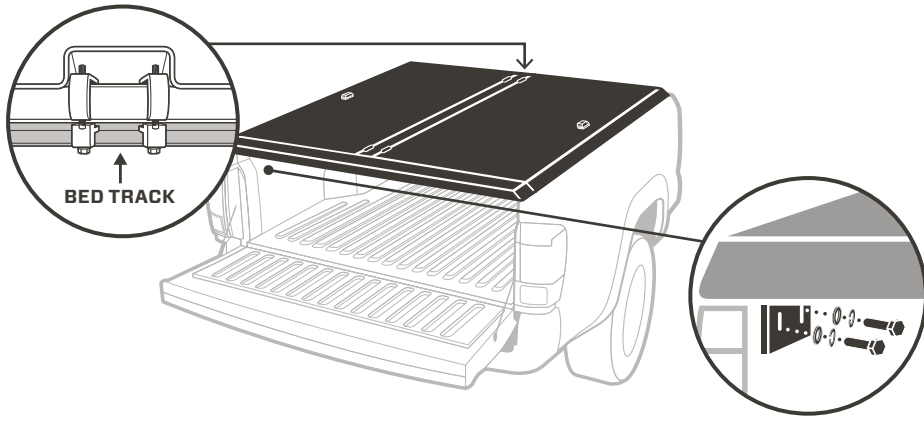
7 Use a 9/16" wrench to hold the sleeve of the **rivet nut installation tool** as you tighten the mandrel with a 7/16" socket until the rivet nut deforms and locks against the interior of the bed wall.

! At approximately 2 full revolutions, the nut should be tight. Do NOT overtighten or you will risk stripping the rivet nut.

8 Remove the installation tool by unscrewing the mandrel. Repeat steps 4-7 for each rivet nut.

MOUNT THE COVER

- 9** Using a torque wrench set to **5-6 ft lb**, attach the front of the cover to the bed track using the cap clamps.

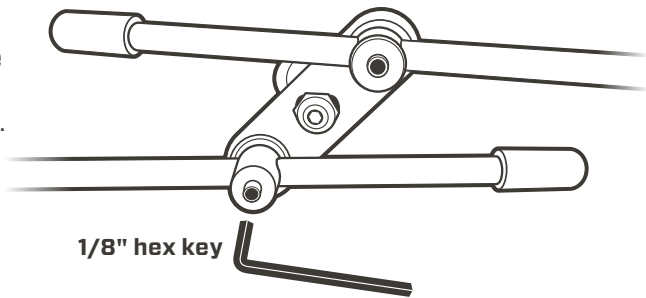


- 10** At rear, insert a hex bolt through a lock washer, a plain washer, through each bracket slot, and into each rivet nut. Tighten with a 7/16" socket. Do not overtighten.

- !** To ensure a tight seal, it is crucial to apply downward pressure on the cover while you're attaching the mounting brackets.
- !** Retighten after a week of use. Check them every time you haul on top.

ADJUST THE LOCK RODS

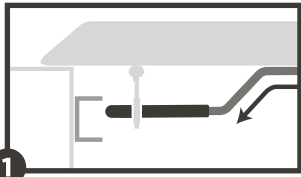
- 11** Use the 1/8" hex key to loosen the set screws on the linkages of the forward lock rods.



1/8" hex key

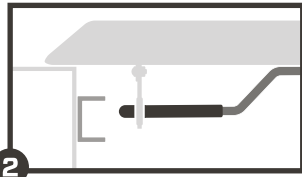
CAB PANELS:

CORRECT ORIENTATION



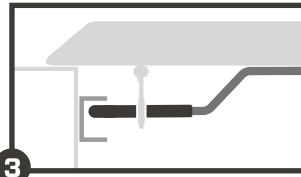
- 1** The Z bend orientation is always maintained.

+ HANDLE OPEN



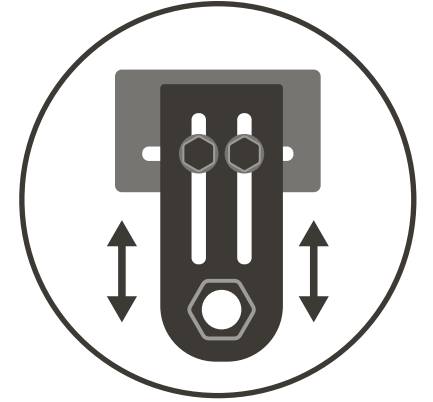
- 2** With the lock handle in the open position, the rod tips just clear the bed tracks.

— HANDLE CLOSED



- 3** With the lock handle in the closed position, the lock rods are fully in the bed tracks and engaged as much as possible. Ensure the lock handle fully closes.

- 12** To properly align the lock rods, the lock rod bracket may need to be adjusted vertically, utilizing a 7/16 socket for the adjustment. To ensure a tight seal, it is crucial to push downward on the panel when tightening in place.



- 13** Double-check both panels to ensure they open, close, lock & seal correctly. If at any point the weatherstrip does not touch the bed rails, readjust the lock rods and mounting brackets as needed.

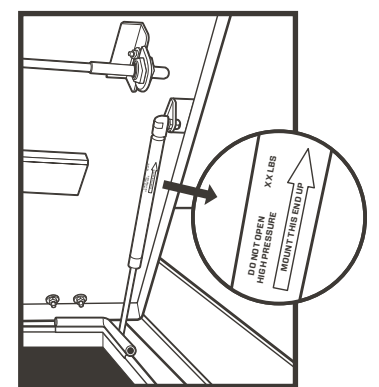
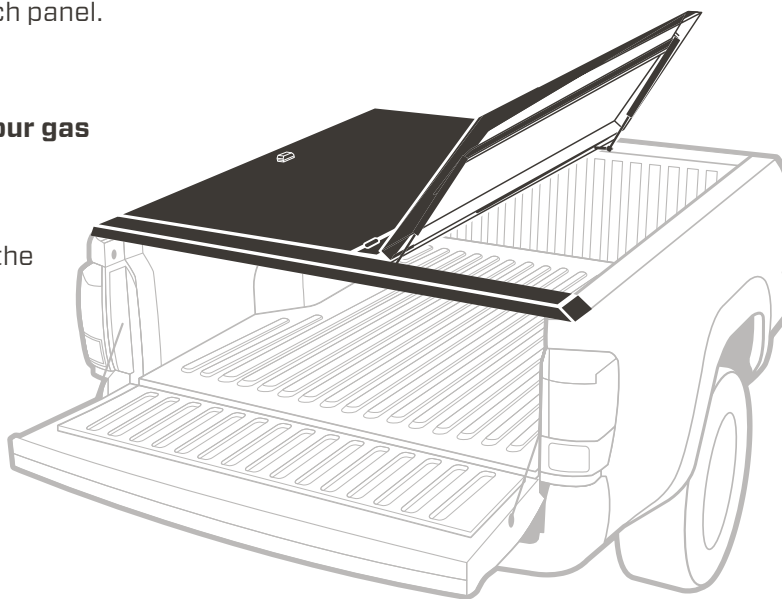
- ★ Lock handle operation is easiest when you press down on the access panel.

ATTACH THE GAS SPRINGS

- 14** Attach **2 gas springs** to the ball stud arms beneath each panel.

- !** Make sure the barrel end is up. If you install your gas springs upside down, they'll fail.

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



- 🕒 24 hours** Adhesive cure time