



DIAMONDBACK

Most Trucks with Bed Wall Tracks /
Cargo Management Systems



INSTALLATION GUIDE

CVR-270.3

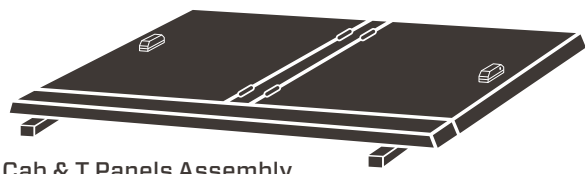
60 minutes
Normal install time

Keep an eye out for these icons:

IMPORTANT!
Important installation information

Helpful Hints
Tips to assist installation

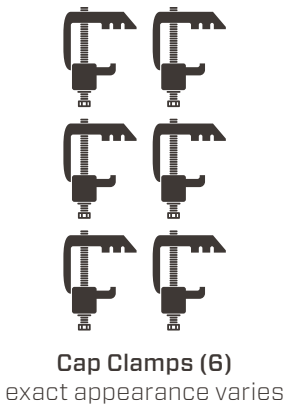
PARTS INCLUDED:



Cab & T Panels Assembly



Tail Panel



Cap Clamps (6)
exact appearance varies



Gas Springs (6)



1/8"
Hex Key

TOOLS REQUIRED:



Ratchet Wrench,
(Torque Wrench
preferred)



Utility Knife



9/16"
Socket



7/16"
Socket

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



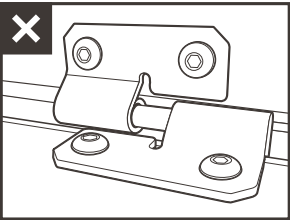
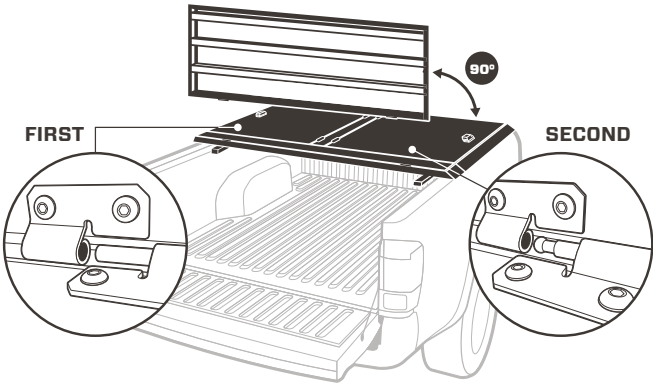
Most trucks require the **bulkhead weatherstrip** to be installed and some require additional bulkhead preparations. Please refer to the instructions in the **Bulkhead Prep Kit** prior to mounting the cover.

If your cover includes shims, affix the included bed rail shims first and reference their included instructions.

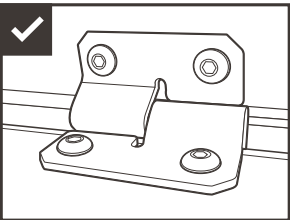
MOUNT THE COVER

1 Place the **cab & T panel assembly** on the front half of the bed.

2 Attach the tail panel by holding it at a 90° angle from the bed rails and begin to mate the driver's side hinge first which is slightly longer.

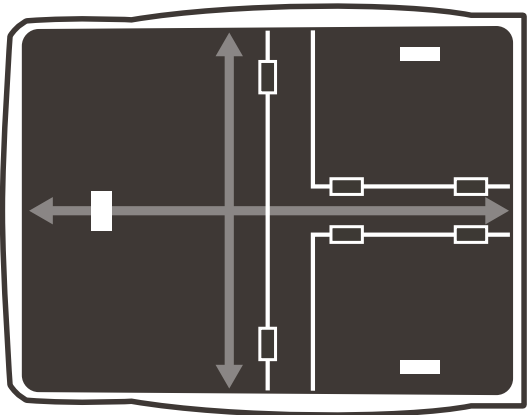


Partially mated hinge



Fully mated hinge

3 Position the cover front to back so that the front of the cab panels line up with the outside edge of the center of the bulkhead. Center the cover side-to-side on the truck.



CAB

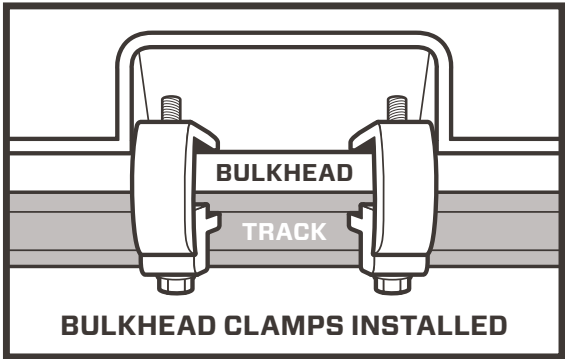
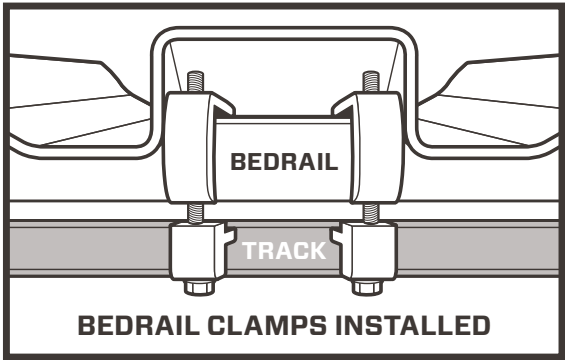
4 Secure the T panel to the truck by tightening two cap clamps under each of the three ends of the T panel.

Place the clamps' bottom jaws in the track at each bedside and at the bulkhead. Uniformly tighten the cap clamps using a 9/16" socket to between **4-5 ft-lbs.**

While tightening clamps, be aware of possible bed rail cap deformation. Overtightening clamps will damage bed rail caps and cause leaking.

Retighten after a week of use. Check them every time you haul on top.

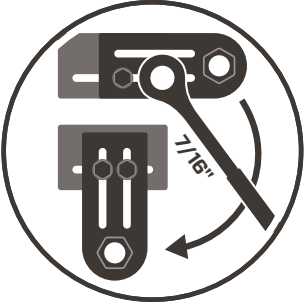
Removal of track mounted accessories can make installation smoother.



ADJUST THE LOCK RODS

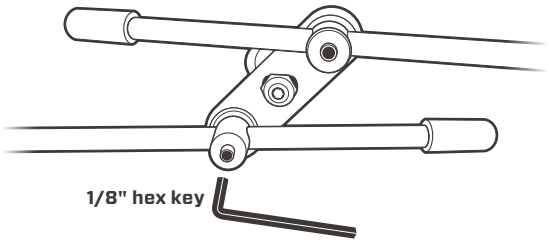
5

Unbolt and move one of the bolts of the lock-rod guide brackets to the second, unoccupied slot using a 7/16" socket. Repeat this at each of the cover's bracket locations.



6

Loosen the set screws for the tail panel lock rods with the provided hex key and retighten each lock rod after ensuring **three things...**



7 Loosen the set screws for the tail and cab panel lock rods with the provided hex key and retighten each lock rod after ensuring the following...

CAB PANELS:

CORRECT ORIENTATION

1

The angled orientation is always maintained

2

With the lock handle in the open position, the rod tips just clear the striker brackets.

3

With the lock handle in the closed position, the lock rods are fully under the striker brackets and engaged as much as possible. Ensure the lock handle fully closes.

+

HANDLE OPEN

+

HANDLE CLOSED

TAIL PANEL:

CORRECT ORIENTATION

1

The Z bend orientation is always maintained

2

With the lock handle in the closed position, be sure the lock rods land inside the track and are engaged as far as possible.

3

With the lock handle in the open position, ensure the rod tips clear the track.

+

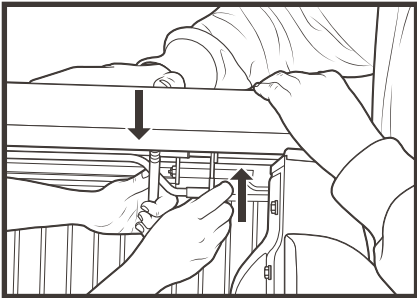
HANDLE CLOSED

+

HANDLE OPEN

8

After properly aligning the lock rods in the closed position, it is time to tighten all brackets using a 7/16" socket. To ensure a tight seal, it is crucial to simultaneously push up on the bracket AND apply downward pressure on the cover. Repeat for all bracket locations.



!

The panels may be tough to open and close at first. Leave the panels closed as much as possible to allow the weatherstrip to break in. After a few days, you'll find things working smoothly.

!

If you are also installing a bin, do so now. Refer to the bin's Installation Guide for details.

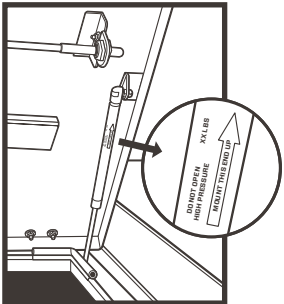
ATTACH THE GAS SPRINGS

9

Identify the 4 lighter gas springs and attach 2 to each **cab panel**.

!

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



10

Attach the 2 remaining gas springs on the **tail panel**, again making sure the barrel end is up.

11

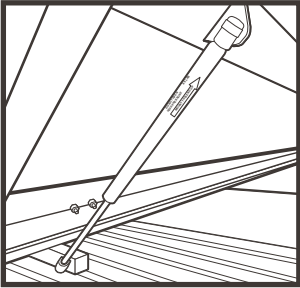
Leave the cover closed and locked for 24 hours to allow the pressure-sensitive weatherstrip adhesive to fully cure.

🕒

24 hours
Adhesive
cure time

📅

For first 2 weeks after installation
open tail panel on cover before operating tailgate.



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