



DIAMONDBACK

DiamondBackCovers.com / 800 935 4002

BULKHEAD PREP KIT

FOR DIAMONDBACK 270 & 180
on 2005-up Nissan Frontier

INSTALLATION GUIDE

BH-4

15 minutes
Normal install time

Keep an eye out for these icons:

IMPORTANT!
Important installation information

Helpful Hints
Tips to assist installation

PARTS INCLUDED:



Bulkhead Angle



× 6
Self-Drilling
Screws (6)



× 6
1/4" Steel
Rivet Nuts (6)



Threaded Insert
Installation Tool



× 6
1/4" Hex
Bolts (6)



× 6
1/4" Plain
Washers (6)



P-Shaped
Weatherstrip

TOOLS REQUIRED:



Drill



T40 Torx Bit
(Utili-track only)



3/8" Bit



3/8" Nut
Driver



Ratchet
Wrench



7/16"
Socket



Rubbing Alcohol
or Glass Cleaner



Lint-Free
Cloth



Scissors



Silicone

MOUNT THE BULKHEAD ANGLE

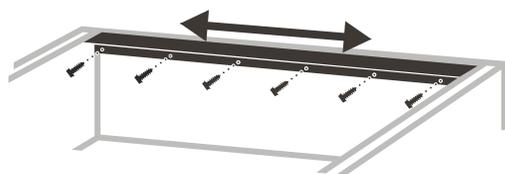
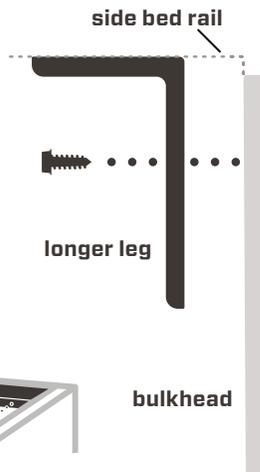
To ensure the weatherstrip sticks, make sure the surface temperature of the bulkhead is at least 50°F and will remain so for at least a day.



If your Frontier came with the factory Utili-track, remove it using a T40 Torx bit.

Attach the **bulkhead angle** to the bulkhead using a drill, a 3/8" nut driver, and the self-drilling screws so that:

- it's centered side to side,
- it's flush with the top of the **side bed rails**, and
- its longer leg is vertical.

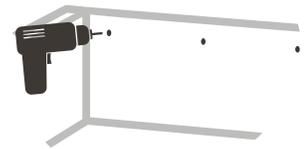


Since the top of the bulkhead sits lower than the tops of the bed rails, the bulkhead angle will end up slightly higher than the top of the bulkhead itself.

Installing the bulkhead angle is easiest if you pre-drill it using the screws.

Detach the bulkhead angle by removing the self-drilling screws.

Use the holes in the truck body left by the self-drilling screws as pilot holes to drill larger, 3/8" holes.



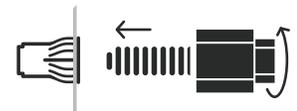
Hammer a **rivet nut** into each hole.

Insert the **installation-tool** mandrel into a rivet nut. Hand-tighten it until its hexagonal sleeve is tight to the face of the rivet nut.

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



You'll know the rivet nut is fully compressed when you feel the mandrel become very difficult to turn.



Remove the installation tool by unscrewing the mandrel.

AFFIX THE WEATHERSTRIP

9 Repeat steps 6–8 for each hole and rivet nut.

10 Re-install the bulkhead angle by inserting a hex bolt through a plain washer, through each hole in the angle, and into each rivet nut. Tighten with a 7/16" socket.

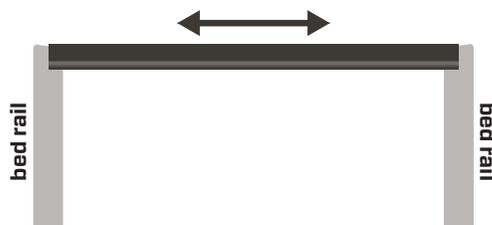
! Do not overtighten the bolts or you might strip the rivet nuts.

11 Clean the tops of the bulkhead and angle thoroughly with a clean, lint-free cloth and rubbing alcohol or glass cleaner. Allow to fully dry.



12 Set the **weatherstrip** onto the bulkhead and bulkhead angle so that:

- it's centered side-to-side and
- its narrower band of adhesive lines up with the outside edge of the bulkhead.



★ Aligning the adhesive band with the outside edge of bulkhead will entail that the weatherstrip overhangs the bulkhead slightly.

13 Peel the red backing off both adhesive bands 4–6 inches at a time and affix the weatherstrip by pressing down firmly along its length across the entire width of the bulkhead and bulkhead angle.

14 After you have installed your cover, leave it closed and locked for 24 hours to allow the adhesive, which is pressure-activated, to cure.

 **24 hours**
Cure time