

'98 Nissan

# Frontier

## TRI-VENT Slider



### Preparation and Precaution

This Tri-Vent rear sliding window is designed to be glazed to the cab opening with urethane auto glass sealant. Do not attempt to install with a rubber gasket or silicone. Please read this entire instruction sheet carefully before beginning installation, and note all cautions.

Use caution during removal/installation of the interior trim (i.e. window trim, etc.). Take necessary precautions to prevent scratches or breakage of the plastic components and window assembly. Make sure that all components are installed securely and will not rattle or interfere with any moving parts. Sharp edges should not be left exposed. We recommend that safety glasses be worn at all times during the installation.

### Tools and Equipment Required

- Phillips screwdriver #2 CRL No. BD122
- Slotted screwdriver, medium CRL No. BD144
- Torque wrench with T-50 Torx bit
- Utility knife CRL No. 99
- 1/2" masking tape CRL No. 40312
- High ratio cartridge caulking gun CRL No. WG41004XT
- CRL455 Urethane Auto Glass Sealant
- Wildcat Urethane Cut-out Knife CRL No. AK10
- Wildcat blade CRL No. AKB200
- Chisel blade CLR No. FKB113
- Safety Glasses CRL No. ES321
- Hook Tool CRL No. CP253
- Vise Grip Needle Nose Pliers CRL No. 6LN
- Hand Cleaner CRL No. HC45

**Note:** Window must be installed with an approved automotive urethane. The manufacturer recommends CRL455 Urethane.

**Extended cab** – Unhook rear seat belt buckles from hooks on rear wall. See photo 1.



Remove lower panel below rear window—4 screws. See photo 2.



Locate black plastic trim piece around window. Use screw driver to break plastic pins in lower corners so trim can be removed — tap with hammer. See photo 3.

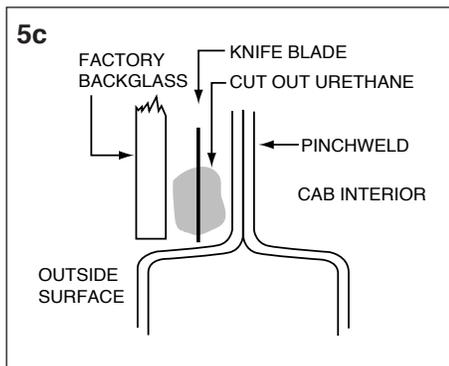


Remove black plastic trim piece from around window. See photo 4.



Using CRL Wildcat Urethane Cut-out Knife and CLR Wildcat Blade, cut out backglass from inside the truck cab. Place a protective cover over the truck bed, and cover the seat with a plastic sheet. See photos 5A and 5B and diagram 5C.

**Note:** If you are removing a conventional slider to install a Tri-Vent, it will remove the same way.



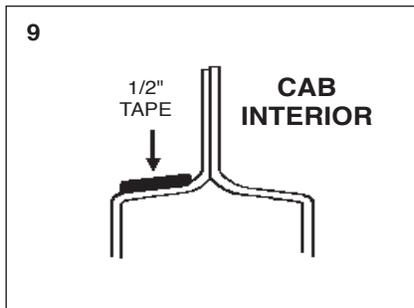
Using CRL Chisel Blade, trim down existing urethane bead all the way around opening. See photo 6.

**Note:** Use “Short Cut-Out” procedure, leaving approx. 1/16" thickness of old urethane on the pinch weld.

Use screwdriver to gently pry off glass retainer clips from across top of cab opening. See photo 7.



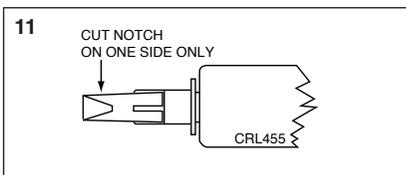
Place the the Tri-Vent into cab opening and check for a flush fit. Any adjustment to window fit or curvature should be made before sealant is applied. See photo 8. Note the light on the outside cab above the rear window opening. If it interferes with installation, remove it and put it aside.



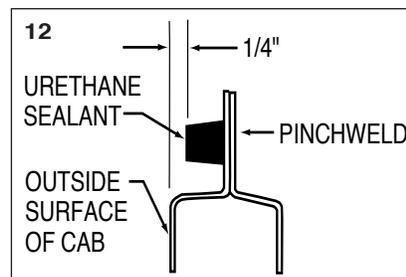
Apply 1/2" masking tape around the entire window opening, between the cab exterior and the face of the pinchweld, to prevent adhesion outside the bond area (see diagram 9). The tape will be concealed by the slider frame. If an accident or vandalism requires the Tri-Vent to be replaced, the tape will act as a release agent for the sealant and the Tri-Vent may be removed by cutting it out.

As detailed in Step #8, check the fit of the Tri-Vent in the cab opening before applying sealant. See photo 10.

Notch the tip of the urethane cartridge. See diagram 11.

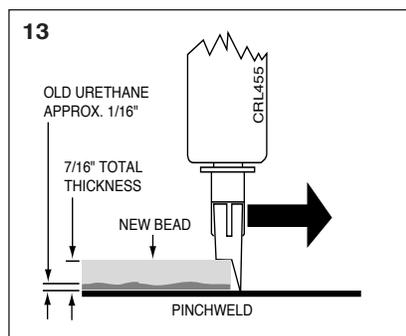


When applying, pull the caulking gun, rather than pushing the sealant ahead of the nozzle. This will lay the bead down in a raised contour and ensure complete contact with no voids. See diagram 13.



Note that the total thickness of the old urethane and new bead of urethane should be approx. 7/16". It is important that the raised urethane bead comes within 1/4" of pinchweld depth for proper contact with the slider frame. See diagram 12.

Go back and fill any low spots along the top or side of the pinchweld. See photo 14.



15



Carefully pick up the Tri-Vent and bring it to the cab opening. See photo 15.

Using care not to get urethane on anything but bonding surfaces, set the Tri-Vent into position against the pinchweld. Have a helper support the Tri-Vent from outside and gently “wiggle” it in the opening to help seat and seal it.

Note the five bend-over tabs that are fastened to the slider frame on the inside—one at the top, one on each end and two at the bottom. See diagram 17.

**Note:** A leak in uncured sealant is easily repaired by adding more sealant from inside the vehicle. This procedure should be done before the urethane starts to cure.

**Important:** For a period of 48 hours do not abruptly close the vehicle doors with the windows closed. The air pressure could blow out the fresh urethane and cause a leak. Leave the windows slightly open to relieve pressure when closing the vehicle doors. See note at right.

**NOTE:**

The enclosed mirror hang tag should be hung from rear-view mirror or other noticeable place. These precautions should be followed for 48 hours following installation of the Tri-Vent:

- Do not slam doors with the windows closed.
- Do not drive the truck with door windows or side windows open and the Tri-Vent closed.
- Do not drive the truck over rough terrain.
- Do not put the truck through an automatic car wash.
- Do not use glass cleaners that contain ammonia or alcohol.

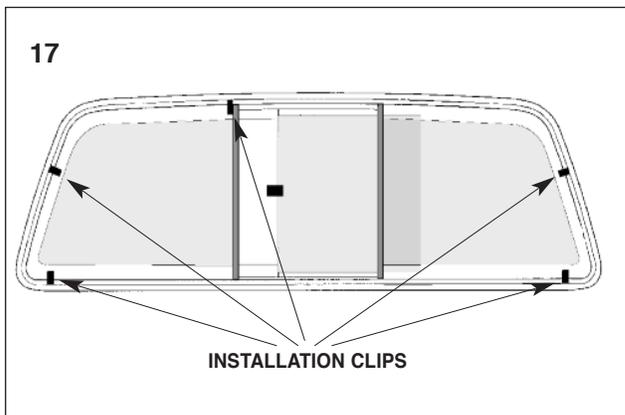
16



While your helper pushes on the Tri-Vent frame from the outside, use a slotted screwdriver to push the clips into place over the pinchweld lip. See photo 18. These tabs secure the Tri-Vent while the sealant cures, and allow the truck to be driven immediately after installation.

Perform a leak test by gently spraying water over the top of the cab immediately after installation.

17



18



Reinstall black plastic trim piece around window opening on inside of cab. Hook inner leg over lip of pinchweld and press into position. Where trim piece goes over each bend-over tab, carefully notch trim for clearance if necessary. Install across the bottom, seating corner for proper alignment. See photo 20.



Across the top of the opening, cut off inner lip of trim piece where needed for clearance with upper slider track. See photo 21.



Clean up: Apply HC45 Hand Cleaner to any urethane on glass or trim, and wipe away.

Replace lower trim panel. See photo 23.



Reinstall screws, being careful not to over tighten. See photo 24.



We thank you for choosing our products, and strive to make all of your installations successful. We invite your input and welcome you to contact us with comments, ideas, suggestions or for additional technical help. Please phone us toll free at (800) 421-6144, and ask for Jeff Carman at Ext. 353.