

2006 Buick Terraza

Vehicle information



Vehicle type: Minivan

NAGS® numbers*: Windshield part number DW1574 solar; front door glass DD10714/15 F R/L solar; rear door glass DD11029/30 R R/L solar, encapsulated, sliding cargo door; DD10997/98 R R/L solar, cargo door, extended cab; DD10821/22 R R/L solar, encapsulated, cargo door to 6/1/05 and DD10716/17 R R/L solar, cargo door, extended cab to 5/16/05; quarter glass DQ10718/19 R/L solar, encapsulated, extended van, one hole and DQ10851/52 R/L solar, export only; and back glass DB10868 solar and DB10720 solar, heated, one hole

Watch for: The windshield for this vehicle requires a two-person set.

*With permission from the National Auto Glass Specifications. Call NAGS at 800/551-4012 or visit www.nags.com.

A. Windshield

Preparation

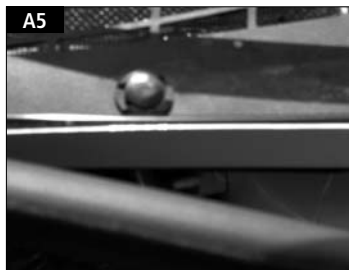
1. Cover the front seats, floorboards, dash and steering wheel with a clean drop cloth or disposable plastic covers. **Note:** Always wear eye and hand protection when working with glass. Make sure that you have the right glass and moldings, and that the urethane systems you are about to use are current. Windshield part number is DW1574.

2. Remove the rearview mirror using a 20T Torx mirror tool.

3. Remove the windshield-wiper nut covers using an installation stick. The wipers overlap with the driver's side above the passenger's side.

4. Remove the windshield-wiper nuts using a 17-millimeter wrench or socket. The wipers might require a wiper puller to remove due to the thread-lock compound used in the original installation.

5. Remove the five push-in retainers along the leading edge of the cowl and



the two in the corners.

6. Slide the cowl out from under the edge of the glass.

7. The top and side moldings are thick, wraparound style. They might have to be cut off.

Removal

8. Make sure cutting blades are sufficiently sharp.

9. Before cutting out the windshield, remove contaminants from the glass and pinchweld. This step will prevent contaminants from making contact with the urethane.

10. If using a cold knife, use a 3/4-inch cold-knife blade. Cut three sides; then use a long knife or power tool to cut the bottom of the windshield. **Note:** Be careful not to hit or cut the gravity stops; mark their locations with a marking pencil or retention tape. The top bead is recessed and might require an extra-long blade to cut it out.

11. Spray the bottom of the windshield with water 5 inches above the urethane on the glass, so that the water flows down into the urethane while you make your final cut across the bottom of the windshield.

12. Take the windshield out of the opening using a set of vacuum cups. Lift the glass and place it on a windshield stand or suitable workstation.

Installation

13. After cutting the windshield out, remove contaminants such as dirt, moisture and debris from the pinchweld. Clean the dashboard.

14. Dry fit the new glass to the opening. Mark your glass using a grease pencil or retention tape.

15. Attach the moldings to the glass edge on the sides and the top.

16. Place your vacuum cups on the windshield in the appropriate locations for a two-person set.

17. Set the windshield onto the old urethane.

18. With the windshield resting in the opening, make sure it is in the right spot.

19. Adjust both sides to the correct setting, marking the passenger's side, then the driver's side. Lift the glass and place it on a windshield stand or suitable workstation.

20. Follow the urethane manufacturer's recommendations for installation. **Note:** It is crucial to verify that the urethanes and primers are current. Never use outdated products as this could jeopardize the structural integrity of the vehicle and the safety of its passengers.

21. Clean the inside of the windshield using a urethane manufacturer-recommended product. **Note:** Do not touch the windshield after cleaning, prepping or priming it.

22. Wear powder-free Nitrile gloves to keep off chemicals.

23. Apply the glass prep, then the glass primer, following the urethane manufacturer's recommendations.

24. Apply a thin bead of urethane to the inside surface of the glass, so the urethane is touching the inside edge of the moldings. **Note:** Because of the recessed bead, additional urethane is necessary to prevent the blowout of the molding.

25. Using a pinchweld scraper, remove as much of the original

urethane as the urethane manufacturer recommends. **Note:** Before removing the old urethane, make sure there are no contaminants and do not touch the pinchweld after you have prepped the area.

26. Apply the pinchweld primer only to the needed areas, and follow the urethane manufacturer's recommendations. **Caution:** Make sure to allow preps and primers to dry as recommended by the urethane manufacturer.

27. Apply a triangular bead of urethane to the same path as the freshly cut urethane on the pinchweld. Before cutting your V-notch, cut the tip off of your nozzle with a nozzle cutter. With the cut nozzle, measure to the top of the roofline, and at $\frac{1}{16}$ inch higher than the roofline, make a mark on the nozzle with a pen or marker. Notch the nozzle up to the marked line; this will give you the appropriate triangular bead.

28. Lift the windshield from the windshield stand or workstation using the vacuum cups. Use a helper to set the windshield on the urethane at the mark you made during your dry fit. Lower the driver's side of the windshield onto the urethane and line it up with the dry-fit mark; it is now in place.

29. The windshield is now ready to be decked. Press firmly to ensure a good seal.

30. Before re-installing the parts, check for leaks. Use a leak detector to go over the perimeter of the windshield. If you find a leak, apply more pressure to the spot and ensure that the glass makes contact with the wet urethane.

31. Re-install the removed parts in reverse order.

32. Allow the urethane to cure according to the urethane manufacturer's recommended cure time before returning the vehicle to the customer. **Warning:** Disregarding this step could jeopardize the structural integrity of the car and the safety of its passengers.

33. You have completed the removal and replacement of the windshield.

B. Front door glass

Removal

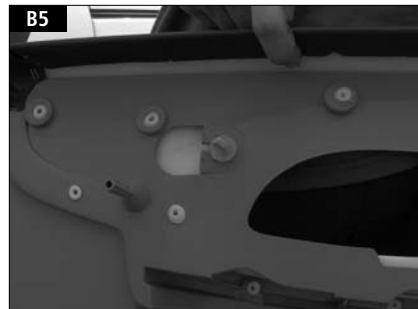
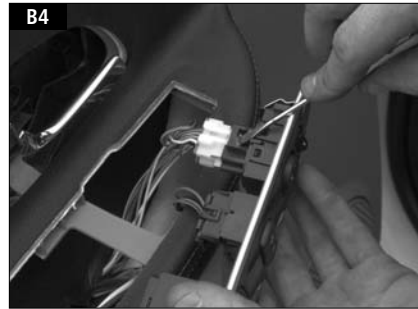
1. Make sure that you have the right glass. Front door glass part numbers are DD10714/15 F R/L.

2. Remove the 30T Torx screws from the door-pull well.

3. Remove the door-latch bezel with a small slot screwdriver. There are three clips that must be released.

4. Remove the window control panel by releasing the clip on the front edge. Disconnect the wiring harnesses. Disconnect the seat memory connector; this might erase the programmed memory.

5. Remove the door panel by releasing the 14 panel retainers. There are four longer orange retainers—three on the top and one on the bottom—that bite aggressively.



6. Remove the interior weatherstrip from the beltline of the door.

7. Remove the weather barrier and lower the glass to align the access holes.

8. There are two gray clips that snap through the holes in the glass. They then snap into a receptor mounted on the regulator. To release the clips from the receptors, push in on the tabs to the left and right of the clips and pull up.

9. Set the door panel in a safe place.

10. Reconnect the window control panel and check operation.

11. Lower the regulator to the access holes.

12. Place the glass onto a windshield stand or suitable workstation.

Installation

13. Snap the gray clips through the holes in the glass.

14. Insert the glass nose-first into the doorframe and position it into the vertical run guides.

15. Snap the glass clips into the receptors on the regulator roller guides.

16. Check operation several times.

17. Re-install the door panel and other trim in reverse order of removal.

18. You have completed the removal and replacement of the front door glass.

C. Rear door glass

Removal

1. Make sure that you have the right glass. Rear door glass part numbers are DD11029/30 R R/L, DD10997/98 R R/L, DD10821/22 R R/L and DD10716/17 R R/L. **Note:** This glass is an encapsulated, stationary part.

2. There are no moldings around the glass, but there is a trim piece on the front leading edge that could be damaged if reuse is called for.



Installation

3. Follow the adhesive manufacturer's recommendations for encapsulated bonding.

D. Quarter glass

Removal

1. Make sure that you have the right glass. Quarter glass part numbers are DQ10718/19 R/L and DQ10851/52 R/L. **Note:** This is a moveable part that swings out for ventilation.

2. Remove the back seat-belt mounting.
3. Remove the interior garnish moldings.
4. Remove the Phillips screw from the motorized pivot arm.
5. Remove two 10-millimeter nuts from the front hinge.
6. Lift the glass from the opening.

Installation

7. Place the glass into the opening by inserting the hinge bolts through the holes in the body.

8. Either tape the glass into position or enlist a helper to hold the glass until you can tighten the 10-millimeter nuts.

9. Open the glass and insert the female tab through the hole in the glass. Then insert the male end and the Phillips screw through the hole and tighten.

10. Check operation.

11. You have completed the removal and replacement of the quarter glass.

E. Back glass

Removal

1. Make sure that you have the right glass. Back glass part numbers are DB10868 and DB10720.

2. Remove the rear wiper-nut cover. The wiper points to the passenger side of the vehicle.

3. Remove the 12-millimeter nut from the wiper post. Remove the wiper.

4. Remove the wiper-post nut using an adjustable wrench.

5. There are no exterior moldings, but there are spacers positioned around the perimeter of the glass.

6. Remove the 30T Torx screws from the door pull. Remove the interior trim panel held in place with door-pad retainers.

7. Disconnect the defroster connectors.

8. Cut out the glass with your tool of choice. Be careful not to damage the exposed pinchweld wall.

Installation

9. Install the glass following your adhesive manufacturer's recommended installation instructions. **Note:** It is crucial to verify that the urethanes and primers are current. Never use outdated products as this could jeopardize the installation of the glass.

10. Clean the inside of the glass, using a urethane manufacturer-recommended product. **Note:** Do not touch the glass after cleaning, prepping or priming it.

11. Wear powder-free Nitrile gloves to keep off chemicals.

12. Attach the molding to the glass edge.

13. Apply the glass prep, then the glass primer, following the urethane manufacturer's recommendations.

14. Using a pinchweld scraper, remove as much of the original urethane as the urethane manufacturer recommends. **Note:** Before removing the old urethane, make sure there are no contaminants and do not touch the pinchweld after you have prepped the area.

15. Apply the pinchweld primer only to the needed areas, following the urethane manufacturer's recommendations.

Note: Make sure to allow preps and primers to dry as recommended by the urethane manufacturer.

16. Apply a triangular bead of urethane to the same path as the freshly cut urethane on the pinchweld. Before cutting your V-notch, cut the tip off of your nozzle with a nozzle cutter. With the cut nozzle, measure to the top of the roofline, and at $\frac{1}{16}$ inch higher than the roofline and bodyline, make a mark on the nozzle with a pen or marker. Notch the nozzle up to the marked line; this will give you the appropriate triangular bead.

17. Place your vacuum cups on the glass in the appropriate locations.

18. Lift the glass from the windshield stand or workstation, using your vacuum cups.

19. Set the glass in the opening.

20. The back glass is now ready to be decked. Press firmly to ensure a good seal.

21. Before re-installing the parts, check for leaks. Use a leak detector to go over the perimeter of the back glass. If you find a leak, apply more pressure to the spot and ensure that the glass makes contact with the wet urethane.

22. Re-attach the defroster connections.

23. Re-install the interior trim in reverse order.

24. Allow the urethane to cure according to the urethane manufacturer's recommended cure time before returning the vehicle to the customer. **Warning:** Disregarding this step could jeopardize the structural integrity of the car and the safety of its passengers.

25. You have completed the removal and replacement of the back glass. **AG**