

## 2006 Buick LaCrosse

### Vehicle information



**Vehicle type:** Four-door sedan

**NAGS® numbers\*:** Windshield part number DW1607 solar, acoustic interlayer; front door glass DD10884/85 F R/L laminated; rear door glass DD10886/87 R R/L solar; quarter glass DQ10888/89 R/L solar, encapsulated; and back glass DB10891 solar, heated, antenna, encapsulated, remote start; DB10890 solar, heated, antenna, encapsulated.

\*With permission from National Auto Glass Specifications. Call NAGS at 800/551-4012 or visit [www.nags.com](http://www.nags.com).

### A. Windshield

#### Preparation

1. Cover the front seats, floorboards, dash and the 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 DW1607.

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

3. Remove the windshield-wiper nut covers using an installation stick.

4. Remove the nuts using a 16-millimeter wrench or socket.

5. Remove the three expansion retainers from the fascia of the cowl.

6. Disconnect the wiper washer hoses from the front leading edge of the cowl.

7. Slide the cowl out from under the bottom edge of the glass.

8. Remove the wraparound reveal molding from the glass edge on the top and sides. It will have to be replaced.

#### Removal

9. Make sure cutting blades are sufficiently sharp.

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

11. 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. **Caution:** Be careful not to hit or cut the gravity stops; mark their locations with a marking pencil or retention tape.

12. 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.

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

#### Installation

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

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

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

17. For driver-side setting of the windshield, place an elbow-setting pad on the driver's side of the cowl area; then lift the windshield from the windshield stand using the vacuum cups.

18. Reach over, place your elbow on the setting pad on the cowl area and set the windshield onto the old urethane.

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

20. 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.

21. 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.

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

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

24. Attach the molding to the glass edge.

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

26. 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.

27. 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.

28. 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 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.

29. Lift the windshield from the windshield stand or workstation using vacuum cups. Reach over, place your elbow on the set-

ting pad on the cowl area and 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 DD10884/85 F R/L.

2. Remove the door-latch bezel with a small slot screwdriver. Remove the 10-millimeter screw located underneath.

3. Remove the cover in the door-pull well. Remove the two 30T Torx screws from the door-pull well.

4. Remove the exterior mirror assembly interior cover. **Note:** This clip is aggressive in its hold. Be careful not to damage it.

5. Pry up the window control panel and disconnect the wiring harnesses.

6. Remove the door panel by releasing the door-panel retainers around the perimeter.

7. Set the door panel in a safe place.

8. Remove the weather barrier.

9. Reconnect the window control panel.

10. Lower the glass to align it with the access holes. **Note:** This door glass is laminated, and the front vertical run guide must be removed before the glass can be removed.



11. The glass is attached to the regulator with plastic clips that are bonded to the glass. Release by depressing the tabs on the sides of the clips.



### Installation

12. Insert the glass into the doorframe and snap it into the regulator receptors.

13. Position the front vertical run guide to the front edge of the glass and fasten the guide to the door.

14. Check the operation of the glass.

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

16. 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 DD10886/87 R R/L.

2. Remove the door-latch bezel with a small slot screwdriver. Remove the 10-millimeter screw located underneath.

3. Remove the cover in the door-pull well. Remove the two 30T Torx screws from the door-pull well.

4. Pry up the window control panel and disconnect the wiring harnesses.

5. Remove the door panel by releasing the door-panel retainers around the perimeter.

6. Set the door panel in a safe place.

7. Remove the weather barrier.

8. Reconnect the window control panel.

9. Lower the glass to align it with the access holes.

10. Detach the glass from the regulator.

### Installation

11. To replace the rear door glass, slip it back into the door in the same manner you removed it.

12. Check the operation of the glass before replacing the panel to ensure proper installation.

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

14. You have completed the removal and replacement of the rear door glass.

## D. Quarter glass

### Removal

1. Make sure that you have the right glass. Quarter glass part numbers are DQ10888/89 R/L. **Note:** This glass is an encapsulated part with a chrome highlight strip. If reuse is called for, an interior cutout is required.

2. When using any power tool, use water or a urethane manufacturer-recommended product to lubricate the cutting area. Spray the top, sides and bottom, then make your cuts.

### Installation

3. After cutting the quarter glass out, remove contaminants such as dirt, moisture and other debris from the pinchweld.
4. Place your vacuum cups on the quarter glass in the appropriate locations.
5. Follow the urethane manufacturer's recommendation for installation. **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.
6. Clean the inside of the quarter glass, using a urethane manufacturer-recommended product. **Note:** Do not touch the quarter glass after cleaning, prepping or priming it.
7. Wear powder-free Nitrile gloves to keep off chemicals.
8. Apply the glass prep, then the glass primer, following the urethane manufacturer's recommendations.
9. 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.
10. 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.
11. 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  $\frac{1}{6}$  of an 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.
12. Place your vacuum cups on the quarter glass in the appropriate locations.
13. Lift the quarter glass from the windshield stand or workstation, using your vacuum cups.
14. Set the quarter glass in the opening.
15. The quarter glass is now ready to be decked. Press firmly to ensure a good seal.
16. Before re-installing the parts, check for leaks. Use a leak detector to go over the perimeter of the quarter glass. If you find a leak, apply more pressure to the spot and ensure that the glass makes contact with the wet urethane.
17. Re-install the removed parts in reverse order of removal.
18. 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.
19. 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 DB10891 and DB10890.

2. There is a cap on the quarter panel that covers a 20T Torx screw. Remove the screws, then remove the interior quarter panels.
3. Disconnect the two defroster connectors and the one antenna connector at the top of the glass. There will be another connector if the vehicle is equipped with a remote start.
4. The back glass is surrounded by a rain channel-type molding that will need to be replaced.

### Installation

5. After cutting the back glass out, remove contaminants such as dirt, moisture and other debris from the pinchweld.
6. Place your vacuum cups on the glass in the appropriate locations.
7. Follow the urethane manufacturer's recommendation for installation. **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.
8. Clean the inside of the glass, using a urethane manufacturer-recommended product. **Note:** Do not touch the glass after cleaning, prepping or priming it.
9. Wear powder-free Nitrile gloves to keep off chemicals.
10. Attach the molding to the glass edge.
11. Apply the glass prep, then the glass primer, following the urethane manufacturer's recommendations.
12. 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.
13. 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.
14. 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  $\frac{1}{6}$  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.
15. Place your vacuum cups on the glass.
16. Lift the glass from the windshield stand or workstation, using your vacuum cups.
17. Set the glass in the opening.
18. Press firmly to ensure a good seal.
19. 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.
20. Re-install the removed parts in reverse order of removal.
21. 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.
22. You have completed the removal and replacement of the back glass. **AG**