

2006 Chevrolet SSR S/T Roadster

Vehicle information



Vehicle type: Two-door convertible pickup truck

NAGS® numbers*: Windshield part number DW1534 antenna and back glass DB10510 heated, encapsulated

Watch for: The top molding is not reusable and must be replaced.

*With permission from 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 DW1534.

2. Remove the rearview mirror by loosening the 20T Torx-set screw and sliding the mirror off the bracket.

3. Remove the windshield-wiper nuts using a 15-millimeter wrench or socket. **Note:** The wipers are firmly attached with thread lock, so use a wiper puller.

4. Disconnect the antenna connector near the top of the windshield.

5. Remove the nine push-in retainers along the fascia of the cowl panel. Then, remove the cowl.

6. Open the door and retract the roof. Remove the two lower retainers on the A-pillar appliqué and the one at the top. Use your fingers to gently pry off the appliqué from the Dual Loc patches underneath.

Note: The top molding is not reusable and must be replaced. NAGS does not list a top molding, but have a replacement on hand prior to beginning work.

Removal

7. Make sure cutting blades are sufficiently sharp.
8. Before cutting out the windshield, remove contaminants from the glass and pinchweld. This step will prevent contaminants from making contact with the urethane.
9. 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.

10. 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.

11. 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

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

13. Attach the top molding to the glass edge.

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

15. Place your vacuum cups on the windshield in the appropriate locations.

16. Lift the windshield from the windshield stand using vacuum cups.

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 bonding area after cleaning, prepping or priming it.

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

23. Prep the glass following the urethane manufacturer's recommendations.

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

25. 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.

26. 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 your nozzle with a nozzle cutter. With the cut nozzle, measure to the top of the roofline, and at 1/8 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.

27. Lift the windshield from the windshield stand or workstation using vacuum cups. 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.

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

29. 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.

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

31. 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 vehicle and the safety of its passengers.

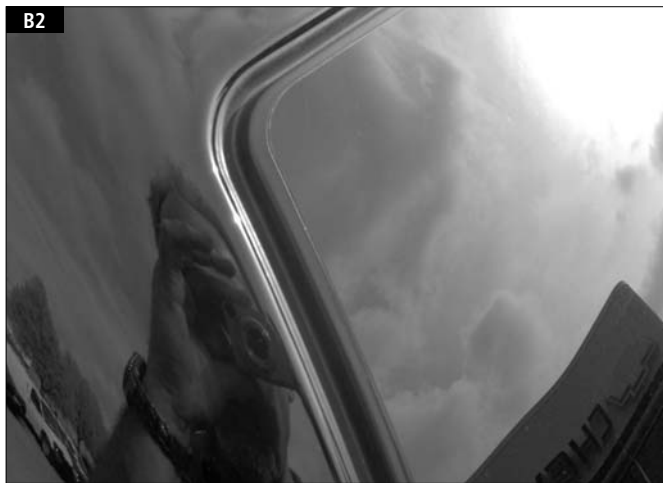
32. You have completed the removal and replacement of the windshield.

B. Back glass

Removal

1. Make sure that you have the right glass. Back glass part number is DB10510.

2. Check for continuity of the defroster grid with an ohmmeter. **Note:** This glass is encapsulated and must be cut out from the inside of the vehicle if it has to be salvaged.



3. Disconnect the defroster connectors at the side of the glass.

4. If the glass is broken, simply strip out the old urethane and proceed with installation steps.

Installation

5. After cutting the 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 of encapsulated glass.

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

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

10. Prep the glass following the urethane manufacturer's recommendations.

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

12. 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.

13. 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 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.

14. Place your vacuum cups on the back glass in the appropriate locations.

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

16. Set the glass in the opening.

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

18. 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.

19. Reconnect the defroster connectors and check operation.

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

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 vehicle and the safety of its passengers.

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



The back glass on this vehicle is encapsulated and must be cut out from the vehicle interior to be salvaged.