

2007 Saturn Sky, 2007 Pontiac Solstice

Vehicle information



Vehicle type: Two-door convertible

NAGS® numbers

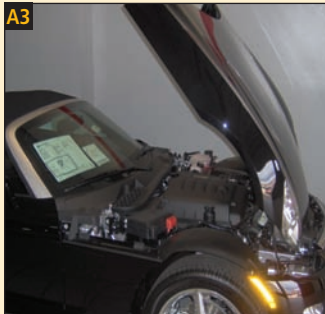
Windshield part numbers DW1642GTY, GTN; front door glass DD11071-72



Watch for: There are close tolerances around the perimeter of the windshield. Take care to avoid damaging the

pinchweld wall when cutting it out. When closing the hood, make sure that both doors are either completely open or completely closed. Also note, the back glass is permanently attached to the convertible top. Though NAGS lists a back glass number, an auto glass technician cannot easily replace the part because it requires replacing the entire top.

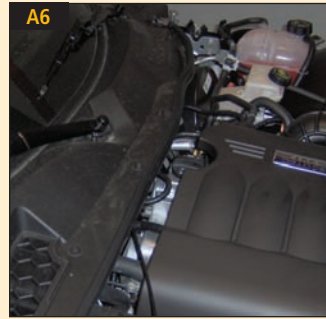
*With permission from National Auto Glass Specifications. Call NAGS at 800/551-4012 or visit www.nags.com.



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 the urethane systems you are about to use are current. Windshield part numbers are DW1642GTY, GTN.
2. Drape a fender cover over the fender and tape up any vulnerable areas on the vehicle to protect against damage. Tape up the defroster vents to prevent debris from falling into the openings.
3. Open the hood.
4. Loosen the T25 Torx set screw at the base of the rearview mirror and slide the mirror off the pad. Disconnect the wires and place the mirror on the rear seat or workbench with the surface perpendicular to the seat or workbench. This will protect the mirror's LCD display against damage.
5. Remove the windshield-wiper nut covers.



6. Remove the windshield-wiper nuts using a 15-millimeter wrench or socket.
7. To remove the cowl panel, remove the six 7-millimeter screws along the leading edge.
8. Remove the four push-in-style molding retainers in the two corners.
9. Disconnect the washer

hoses from the wiper base.

10. Unsnap the underside retainers and remove the cowl panel from the vehicle.

11. The top and side molding is a pre-applied adhesive system, or PAAS, style with close tolerances to the pinchweld wall. The glass will come bonded with the new molding. **Note:** Before beginning windshield removal, verify that the new windshield is the correct one and 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.

Removal

12. Make sure cutting blades are sufficiently sharp.
13. Before cutting out the windshield, remove contaminants from the glass and pinchweld to prevent making contact with the urethane.
14. Use your cutting tool of choice to separate the glass from the adhesive bead. **Caution:** Take care to avoid damaging the pinchweld wall during cutout. Be careful not to hit or cut the gravity stops; mark their location with a marking pencil or retention tape.
15. Using vacuum cups, take the windshield out of the opening and place it on a windshield stand or suitable workstation. **Caution:** Make sure the vacuum cups do not overlap cracks in the glass.

Installation

16. After cutting the windshield out, remove contaminants such as dirt, moisture and debris from the pinchweld. Clean the dashboard.
17. Dry fit the new glass to the opening. Mark your glass using a grease pencil or retention molding tape.
18. Place your vacuum cups on the new windshield in the appropriate location.

19. Set it onto the old urethane.
20. With the windshield resting in the opening, make sure it is in the right spot.
21. 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.
22. Follow the urethane manufacturer's recommendations for installation.
23. Clean the inside of the windshield using a urethane manufacturer-recommended product. **Note:** Do not touch the windshield bonding area after cleaning, prepping or priming it.
24. Wear powder-free Nitrile gloves to keep off chemicals.
25. Apply the glass prep and primer, following the urethane manufacturer's recommendations.
26. Using your tool of choice, trim the original urethane bead, leaving 1-2 millimeters of existing urethane on the pinchweld. **Note:** 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. **Note:** 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 $\frac{1}{16}$ 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.
29. Using vacuum cups, lift the windshield from the windshield stand or workstation and set it on the urethane at the mark you made during 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.
30. Press firmly to ensure a good seal.
31. 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 pressure to the spot to ensure the glass makes contact with the wet urethane.
32. Re-install the removed parts in reverse order.
33. When closing the hood, make sure that both doors are either completely open or completely closed.
34. Allow the urethane to cure according to the urethane manufacturer's recommended cure time before returning the vehicle to the customer. **Warning:** Disregarding the safe drive-away time your urethane manufacturer recommends could jeopardize the structural integrity of the vehicle and the safety of its passengers.
35. 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 DD11071-72.
2. Remove the door-latch screw cover. Use a small slotted



screwdriver to pry the screw cover from the door-latch bezel, working from the underside of the door latch. Remove the Phillips screw underneath.

3. Remove the Phillips screw from the top rear of the door panel.
4. Remove the access panel from under the door pull on the panel itself. Do not remove the door pull's black underside panel.
5. Remove the two 7-millimeter screws that retain the door-pull bracket.
6. Release the door-panel retainers from around the panel perimeter.
7. Remove the door-latch linkage. On the side of the latch linkage is a tab; lift it to release the T-cable from the receptacle.
8. Remove the door panel and set it in a safe place.
9. Because the access holes are above the weather barrier, there is no need to remove it unless cleanup is required.
10. Loosen the 13-millimeter nuts at the glass clamps attached to the regulator.
11. Lift the glass free from the clamping sash, rear-first. Remove the glass from the door frame.

Installation

12. Insert the glass into the door frame. Line up the edges with the vertical run guides in the door frame. Make sure the glass travels freely.
13. Insert the bonded tabs into the clamp sash and tighten the nuts.
14. Check operation and glass fit. If the glass has gaps, work the adjustment bolts until the glass fits snug to the convertible top weatherstrip.
15. Re-install the removed parts in reverse order.
16. You have completed the removal and replacement of the front door glass. **AG**