

2008 Hyundai Veracruz

Vehicle information

Vehicle type: Four-door crossover vehicle

NAGS® numbers*:

Windshield part numbers FW2827, no attachments; FW2828, no

attachments, solar; FW2829, solar, rain sensor, electrochromatic mirror; FW2830, solar, heated wiper park; FW2831, solar, heated wiper park, electrochromatic mirror; FW2832, solar, heated wiper park, rain sensor, electrochromatic mirror

Helpful tools or supplies: Will require new molding

Watch for: The urethane goes right over the heater leads on the bottom of the windshield. Use a nonconductive urethane to avoid electrical interference. Also note, there are multiple glass options to choose from for this vehicle, but not all are NAGS priced.

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



A. Windshield

Preparation

1. Always wear eye and hand protection when working with glass. Make sure you have the right glass and moldings and the urethane systems you are about to use are current. Windshield part numbers are FW2827, FW2828, FW2829, FW2830, FW2831 and FW2832.

2. Cover the front seats, floorboards, dash and steering wheel with a clean drop cloth or disposable plastic covers.

3. Drape a fender cover over the fender and tape up any vulnerable areas on the vehicle to protect against possible damage. Tape up the defroster vents to prevent debris from falling into the openings.

4. To remove the rearview mirror and rain sensor, first remove the decorative cover from the mirror base. The rain sensor snaps off the bracket attached to the glass. Release the side clips from the underside of the bracket and gently remove the rain-sensor module. The mirror is secured with a 20T Torx set screw. Loosen the screw and slide the mirror off the pad. Disconnect the mirror wiring harness and wire cover, and put the mirror assembly in the back seat to protect against damage.

5. Remove the windshield-wiper nut covers.

6. Remove the windshield-wiper nuts using a 17-millimeter wrench or socket. Move the wiper arm in an up-and-down motion to break it loose from the post, or use a wiper puller.

Note: Wipers can sometimes be hard to remove. Use a wiper puller to avoid stressing the post.

7. Remove the five push-in center retainers on the cowl

panel, one in each corner and three along the leading edge.

8. Disconnect the washer hoses from underneath the cowl on the passenger's side.

9. Remove the cowl panel.

10. Pull the top and side molding free from the glass, or cut it off the glass edge. The molding is rigid and will likely require replacement. **Note:** Before beginning windshield removal, make sure 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

11. Make sure cutting blades are sufficiently sharp.

12. Before cutting out the windshield, remove contaminants from the glass and pinchweld to prevent contact with the urethane.

13. Use the cutting tools of your choice to remove the glass from the adhesive bead. The glass is flat and close to the floor of the pinchweld, making it difficult to cut out. **Note:** When using power tools, lubricate the cutting area with water. Spray the top, sides and bottom; then make your cuts. **Caution:** Be careful not to hit or cut the gravity stops; mark their location with a marking pencil or retention tape.

14. Take the windshield out of the opening using vacuum cups. **Note:** Make sure the vacuum cups do not overlap a crack in the glass.

15. Lift the glass and place it on a windshield stand or suitable workstation.

Installation

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

17. Attach the new molding to the glass edge.

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

19. Place your vacuum cups on the windshield in the appropriate location.

20. Set the windshield onto the old urethane.

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

22. 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.

23. Follow the urethane manufacturer's recommendations for installation.

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

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

26. Apply the glass prep and primer, following the urethane manufacturer's recommendations.

