

2006 Honda Ridgeline

Vehicle information



Vehicle type: Four-door crew-cab pickup

NAGS® numbers*: Windshield part numbers FW2538 solar, electro-chromatic mirror, with sunroof, heated wiper-park area; FW2537 solar, with sunroof, heated wiper-park area; FW2536 solar, electro-chromatic mirror, heated wiper-park area; and FW2535 solar, heated-wiper park area; front door glass FD22564-65 F R/L solar; rear door glass FD22566-67 R R/L solar; and back glass FB22675 center slider solar and FB22568 slider

Watch for: The wiper-park heater connector is behind the glove box on the passenger side. Release the two retainers on the inside of the box and pivot the box to expose the connector. Do not let the box pivot inside.

*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 numbers are FW2538, FW2537, FW2536 and FW2535.

2. Pull the rearview mirror in a downward fashion off the mirror pad.

3. Release the two retainers on the inside of the glove box and pivot the box to expose the wiper-park heater connector. Disconnect the heater connector. **Caution:** Do not let the box pivot inside.

4. Remove the windshield-wiper nut covers using an installation stick. **Note:** The covers are hard to remove; it might be a good idea to have replacements handy.

5. Remove the windshield-wiper nuts using a 17-millimeter wrench or socket.

6. Release the four push-style retainers at the leading edge of

the cowl and remove it. The retainers can be easily released using your fingers.

7. Pop up the eight retainers from the underside of the cowl fascia. **Note:** There are several decorative access plugs along the fascia of the cowl that do not need to be removed.

8. Remove the hood weatherstrip from the cowl. Slide the cowl out from under the lower edge of the glass.

9. The top and side moldings are wraparound style that need to be replaced. **Note:** In warm weather, it might be possible to pull the molding off the glass edge, but in cold weather they will have to be cut off the edge.

Removal

10. Make sure cutting blades are sufficiently sharp.

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

12. 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.

13. 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.

14. 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

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

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

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

18. For driver-side setting, 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.

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

20. With the windshield resting in the opening, make sure that 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. **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.

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

24. Wear powder-free Nitrile gloves to keep off chemicals.
25. Attach the molding to the glass edge on the top and sides.
26. Apply the glass prep, then the glass primer, following the urethane manufacturer's recommendations.
27. 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.
28. 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.

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

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

32. 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.

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

34. 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.

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 FD22564-65 F R/L.
2. Open the door and remove the door-latch handle bezel cover using a small slot screwdriver.
3. Remove the 7-millimeter screw under the door latch.
4. Remove the door-latch linkage from the latch by lifting the linkage lock from the cable and removing the cable from the receptor.
5. Remove the three Phillips screws from the door-panel support bracket.
6. In the base of the door-pull well is a rubber covering that when removed exposes a Phillips screw. Remove the Phillips screw.

7. Carefully pry up on the instrument cluster and disconnect the wiring harnesses. Set aside.
8. Release the door-pad retainers around the perimeter of the panel.
9. Remove the interior weatherstrip from the beltline of the door to allow for easy glass insertion.
10. Remove the weather barrier from the doorframe to expose the access holes.
11. The glass will come bonded with two tabs. Remove the two 10-millimeter bolts that attach the glass to the regulator.
12. Set the door panel in a safe place.

Installation

13. Connect the window control wiring harness and lower the regulator to the access holes.
14. Install the glass into the doorframe and attach the two 10-millimeter bolts.
15. This vehicle is equipped with a power up-and-down feature on the door glasses. To re-initialize, hold the switch in the up position until the glass sits in the upper channel. Hold for an additional two-to-five seconds. Then, hold the switch in the down position until the glass is fully lowered. Hold for an additional two-to-five seconds. Confirm reset through power up-and-down feature.
16. Re-install the door panel and hardware in reverse order.
17. 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 FD22566-67 R R/L.
2. Open the door and remove the door-latch handle bezel cover using a small slot screwdriver.
3. Remove the Phillips screw under the door latch.
4. Remove the door-latch linkage from the latch by lifting the linkage lock from the cable and removing the cable from the receptor.
5. Remove the three Phillips screws from the door-panel support bracket.
6. In the base of the door-pull well is a rubber covering that when removed exposes a Phillips screw. Remove the Phillips screw.
7. Carefully pry up on the door-switch panel and disconnect the wiring harnesses. Set aside.
8. Remove the triangular panel from the rear portion of the glass. It is held in place with a door-panel retainer.
9. Release the door-pad retainers around the perimeter of the panel.
10. Remove the interior weatherstrip from the beltline of the door to allow for easy glass insertion.
11. Remove the weather barrier from the doorframe to expose the access holes.
12. The glass will come bonded with two tabs. Remove the two 10-millimeter bolts that attach the glass to the regulator.
13. Set the door panel in a safe place.

Installation

14. Connect the window control wiring harness and lower the regulator to the access holes.
15. Install the glass into the doorframe and attach the two 10-millimeter bolts.
16. Check the operation of the glass before replacing the panel to ensure proper installation.
17. Re-install the removed parts in reverse order.
18. You have completed the removal and replacement of the rear door glass.

D. Back glass

Removal

1. Make sure that you have the right glass. Back glass part numbers are FB22675 and FB22568.
2. Remove the two color-coordinated screw covers on the roof of the cab and the 10-millimeter nuts.
3. Remove the two Phillips screws from the cargo light mounted to the top of the roof.
4. Remove the top molding by tilting it toward the cargo area and off the roof ledge. The color-coordinated panel is attached to the black panel. Remove them together.
5. Remove the side panels. They are held in place with three door-pad type retainers. **Caution:** Do not let the retainers fall into the vehicle body. They will be lost and replacements will be required.
6. The three edges of the slider assembly are now exposed. The bottom of the slider is covered by the bedliner of the cargo area. Remove the three 40T Torx screws that hold the bedliner and slide it back to access the bottom edge. **Note:** The slider is power operated, and a wiring harness is in close proximity to the edge of the glass. Care must be taken to cut out the slider assembly without damaging the wiring.



Installation

7. Install the slider using the procedure recommended by your adhesive manufacturer.
8. Check the operation of the back glass by opening and closing it several times.
9. Re-install the trim molding in reverse order of disassembly.
10. You have completed the removal and replacement of the back glass. **AG**



Be careful not to let the door-pad type retainers that hold the side panels around the back glass fall into the vehicle body. If you do, you'll have to replace them.