

# 2008 Ford Taurus X

## Vehicle information

**Vehicle type:**  
Four-door  
crossover vehicle

**NAGS® numbers\*:**  
Windshield part  
number  
DW1691, solar,  
with molding;  
quarter glass DQ10679-80, solar; and back glass DB10681,  
solar, heated



**Helpful tools or supplies:** Windshield cutout wire, padded cold-knife blades

**Watch for:** The back glass is bonded to the rear deck and exposed on all sides. Take care to avoid damage during cutout.

\* 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. 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 number is DW1691.

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

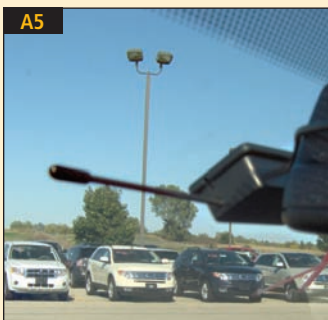
3. Drape a fender cover over the fender and tape up any vulnerable areas on the vehicle to protect against possible damage. Tape up the defroster vents to prevent debris from falling into the openings.

4. Use a wood- or plastic-handled tool to tap the rearview mirror up and off the pad.

5. Ford offers a remote-start option for this vehicle. The antenna for this feature is mounted directly below the mirror pad and held in place with double-faced tape. Be prepared to replace the tape mounting when you remove the antenna.

6. Remove the windshield-wiper nut covers.

7. Remove the windshield-wiper nuts using a 15-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.

8. Removing the cowl panel will be challenging. First, release the

11 reverse-bite clips along the panel's leading edge by pushing back on the top while lifting from the bottom.

9. Use your hands or a door-pad tool to release the underside cowl retainers. Remove the cowl panel.

10. Set the cowl panel in a safe place.

11. The new glass part comes with top and side moldings. If you salvage the glass, you might need to replace the moldings as they are susceptible to damage during glass removal. **Note:** Before beginning windshield removal, verify the windshield is the correct one and the urethanes and primers you are about to use 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 contact with the urethane.

14. Use the cutting tools of your choice to remove the glass from the adhesive bead. **Note:** When using any power tool, 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.

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

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

## Installation

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

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.

27. Using the tool of your choice, remove 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 prepping the area.

28. Apply the pinchweld primer only to the areas where needed, and follow the urethane manufacturer's recommendations. **Note:** 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  $\frac{1}{8}$ -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.

30. Lift the windshield from the windshield stand or workstation using vacuum cups. Set the windshield 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.

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 pressure to the spot to ensure the glass makes contact with the wet urethane.

33. Re-install the removed parts in reverse order. If the vehicle is equipped with a remote start, apply double-faced tape to the backside of the antenna base and press it firmly into place. The tape should be as warm as possible before application to ensure good adhesion.

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. Quarter glass

### Removal

1. Make sure you have the right glass. Quarter glass part numbers are DQ10679-80.

2. The quarter glass has exposed edges on all sides. To avoid damage to the vehicle, use windshield cutout wire or padded cold-knife blades during cutout. If you choose to use a power tool, lubricate the cutting area with water. 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. Dry fit the new glass to the opening. Mark your glass using a grease pencil or molding-retention tape.

5. Place your vacuum cups on the quarter glass in the appropriate location.

6. Lift the quarter glass from the workstation using vacuum cups.

7. With the quarter glass resting in the opening, make sure it is in the right spot.

8. Adjust to the correct setting and make your mark. Lift the glass and place it on a windshield stand or suitable workstation.

9. Follow the urethane manufacturer's recommendations for installation. Verify the urethanes and primers are current.

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

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

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

13. Use a pinchweld scraper to 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.

14. Apply the pinchweld primer only to the areas where needed, and follow the urethane manufacturer's recommenda-

tions. **Note:** Allow preps and primers to dry as recommended by the urethane manufacturer.

15. 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 roof- 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.

16. Place your vacuum cups on the quarter glass in the appropriate location.

17. Lift the quarter glass from the windshield stand or workstation using vacuum cups.

18. Set the quarter glass in the opening.

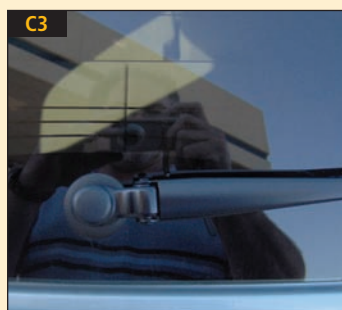
19. The quarter glass is now ready to be decked. Press firmly to ensure a good seal.

20. 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 pressure to the spot to ensure the glass makes contact with the wet urethane.

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

22. Allow the urethane to cure according to the urethane manufacturer's recommended cure time before returning the vehicle to the customer.

23. You have completed the removal and replacement of the quarter glass.



## C. Back glass Removal

1. Make sure you have the right glass. Back glass part number is DB10681.

2. The glass is bonded to the rear deck and exposed on all sides. Tape up the vehicle body around the glass perimeter to avoid damage during cutout.

3. Lift the wiper nut cover and remove the 10-millimeter nut from the wiper post. Remove the wiper arm.

4. Use channel pliers to loosen and remove the secondary fastener from the wiper post.

5. Remove the interior garnish molding to expose the defrost connectors on the passenger's side and the driver's side. Disconnect the defroster leads and bend them toward the center of the glass to protect against damage during cutout.

6. Use the tools of your choice to cut out the back glass.

**Note:** When using power tools, lubricate the cutting area with water. Spray the top, sides and bottom; then make your cuts.

7. Remove the glass. Pay special attention to avoid damaging the wiper post.

## Installation

8. After cutting the back glass out, remove contaminants such as dirt, moisture and other debris from the pinchweld.

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

10. Place your vacuum cups on the back glass in the appropriate location.

11. Lift the back glass from the workstation using vacuum cups.

12. With the glass resting in the opening, make sure it is in the right spot.

13. Adjust to the correct setting and make your mark. Lift the glass and place it on a windshield stand or suitable workstation.

14. Follow the urethane manufacturer's recommendations for installation. Verify the urethanes and primers are current.

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

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

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

18. Use a pinchweld scraper to remove as much of the original urethane as the urethane manufacturer recommends.

**Note:** Make sure there are no contaminants, and do not touch the pinchweld after you have prepped the area.

19. Apply the pinchweld primer only to the areas where needed, and follow the urethane manufacturer's recommendations. **Note:** Allow preps and primers to dry as recommended by the urethane manufacturer.

20. 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 roof- 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.

21. Place your vacuum cups on the back glass in the appropriate location.

22. Lift the back glass from the windshield stand or workstation using vacuum cups.

23. Set the back glass in the opening. Be careful when inserting the wiper post into the glass grommet.

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

25. 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 pressure to the spot to ensure the glass makes contact with the wet urethane.

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

27. Check the operation of the back glass to ensure proper installation.

28. Allow the urethane to cure according to the urethane manufacturer's recommended cure time before returning the vehicle to the customer.

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