

## **Replacement Window Installation Instructions**

 **ATTENTION! Read and understand all installation instructions before installing this product.**

### **Introduction**

If you do not understand these instructions, or cannot perform the installation as specified in these instructions, do not install this product. Have the product installed by a qualified professional capable of following the instructions, or contact your *Tundra Window Dealer* or Representative to obtain further information. Failure to follow these installation instructions will void the *Tundra Window Warranty* and may result in product malfunction or failure. You may also refer to ASTM E 2112 Standard Practice for the Installation of Exterior Windows, Doors and Skylights for additional installation guidelines.

 **ATTENTION!** These Installation Instructions were developed for use with typical wood frame wall construction in a wall system designed to manage water. If your application is different, you may require additional installation instructions, methods and materials. It is the responsibility of the consumer, architect or construction professional to verify the installation method for your application.

 **ATTENTION!** Tools required for installation: tape measure, level, square, hammer, utility knife, screw drivers, sealant gun, and appropriate personal protective equipment.

 **ATTENTION!** You will need to supply: cedar shims/spacers, closed cell sealant backer rod / sealant backer, non-expanding insulating foam sealant, high quality exterior grade sealant.

 **ATTENTION! LEAD POISONING IS PREVENTABLE.** If your home was built before 1978, old lead paint on your walls, doors, windows, and sills may be dangerous. For additional information please refer to [www.epa.gov/lead](http://www.epa.gov/lead). Please check with your local authorities for ordinances governing the proper disposal of your demolition and building materials.

 **ATTENTION!** Proper management of water and moisture is an essential part of any structure. All structures must have a functional, engineered drainage system as part of its exterior finished wall system. Walsh Building Products cannot control or be responsible for water/moisture management beyond the product itself. All products manufactured by Walsh Building Products must be properly installed as described per these installation instructions. All products manufactured by Walsh Building Products must be properly flashed and a complete vapor barrier applied to seal the product opening. Proper installation of drainage systems, flashing, water and vapor barriers are the sole responsibility of the owner or their agents.



**Before installing your new *Tundra* replacement windows**

1. Match the new window to its opening by checking the new window to opening measurements.

### **Prepare the opening**

1. Carefully remove the inside wood stops that hold the inside lower sash. Save the stops for re-installation later.
2. Disconnect the balance system (the cords, chains, springs etc.) from the lower sash. Note: slowly allow the balances to retract. Do not allow them to spring or fall rapidly. Remove the sash from its track.
3. Pry or chisel out the intermediate parting stops and discard them.
4. Remove the upper sash in the same manner as the lower sash.
5. Remove any remaining balance system hardware (sash cord pulleys, etc.).
6. Check the opening for any obstructions that might prevent a clean, flush installation of the new window.
7. Clean the entire opening to remove any debris or dirt.

### **Installation**

1. Test fit the window in the opening. Remove the window from the opening. Make any necessary alterations to the opening so that the window fits properly.
2. Apply a bead of caulk to the interior facing side of the outer wood stops, the head wood stop, and where the sill meets the stool.
3. Set the window into the opening and press firmly into place against the inside wood stops.
4. While holding the window tightly against the wood stops, loosely fasten it in place with screws through the pre-drilled holes at the top of each side jamb. Do not tighten.
5. Apply closed cell foam wrap prior to installation or insert fiberglass insulation to the window cavity. Use a putty knife or other thin instrument to stuff the insulation into the crack between the window and the opening. Do this around the whole window.
6. Check the window for a plumb and level fit. Measure diagonally across the window from the top corner to the bottom opposite side corner and then repeat this measurement on the opposite corners. If these measurements are the same, the window is square. If not, the window needs to be adjusted in the opening until these measurements are the same.
7. Shim the window to hold it in square and then fasten the window in place. Screws should be applied through the side jambs and shims to hold them in place. Do not tighten.
8. Double check the sash operation, both raising and lowering the window and tilting the sash(es). Make any final adjustment necessary.
9. Once all operation has been checked and adjusted, all screws should be drawn up snug. Do not over-tighten.
10. Replace any interior trim that may have been removed.
11. Clean area and remove debris.

## **Finishing**

*Tundra* Replacement windows have a quality finish. Do not paint or stain vinyl window. Carefully inspect the window for any residue from building and painting finishes.

## **Cleaning**

### *Glass Surfaces*

Clean glass surfaces with regular household glass cleaner as needed.

### *Wood Surfaces*

Painted and stained wood surfaces should be cleaned according to the finish manufacturer's instructions.

### *Vinyl Surfaces*

Clean with a mild soap and water solution and a soft clean cloth.

### *Chemicals and Cleaners*

Do not allow any chemicals, chemical vapors, acids, cleaners, brick or masonry cleaner, abrasives, or other substrates to contact (directly or indirectly) any of the product surfaces, parts, and hardware. Deterioration or damage to the product may result. Protect all surfaces, parts, and hardware during all phases of construction and finishing. Surface scratches as well as damage from any such chemical, chemical vapor, acid, cleaner, brick or masonry cleaner, abrasive, or other substrate is not covered by the warranty.