

Measuring Instructions



Precise measurements are key for proper installation of a replacement window. If you plan to take your own measurements, please make sure that every window is measured (even though they may appear to be exactly the same size) and provide accurate measurements when placing your order. Measurement adjustments for squaring, shimming and leveling will be applied during manufacturing. For measuring full-frame replacement windows and patio doors, Lincoln recommends using a trained professional.

Before you begin measuring, the condition of the existing frame must be inspected.

INSPECTING YOUR WINDOWS

All Replacement Product

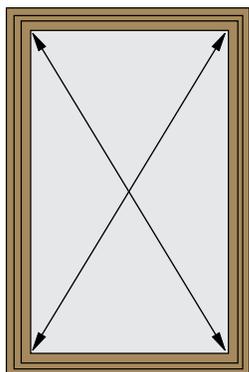


Fig. 1
Squareness

Check for soundness.

Check the frame and jamb for damage, rot or deterioration and repair or replace where necessary.

Check the squareness.

Measure diagonally from corner to corner.

Double Hung Replacement Kit: If the sizes differ greater than 1/4", the window frame is too out of square to use a replacement kit.

Lincoln Fit: If the sizes differ greater than 1/4", you will have to downsize the unit accordingly in order to be able to square the new unit in the opening. See Fig. 1.

Check the jamb pocket.

The measurement of the jamb pocket between the interior and exterior stops must be at least 3-5/16". If depth of pocket is less than 3-5/16" or greater than 3-3/8", modification of the pocket may be necessary. See Fig. 2.

NOTE: If your existing window frame is not sound or is greatly out-of-square, you will most likely need a full-frame replacement.

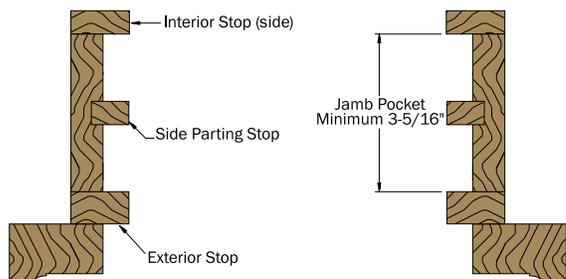


Fig. 2
Existing Window Frame - Top View

MEASURING YOUR WINDOWS

Double Hung Replacement Kit

Measure the width.

For inside opening width, measure from the inside face of jamb to jamb. To insure accurate measuring, the existing sash and jamb liners will need to be removed. (Do not measure from parting stops or inside stops.) Measure at a minimum of three different locations: top, middle and bottom. Round odd measurements down to the nearest 1/16". Record the smallest measurement. See Fig 3 and 4.

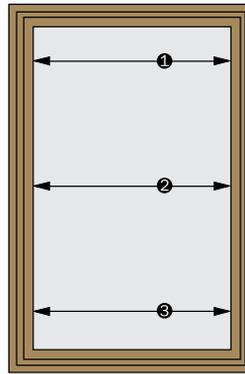


Fig 3
Width - Three Locations

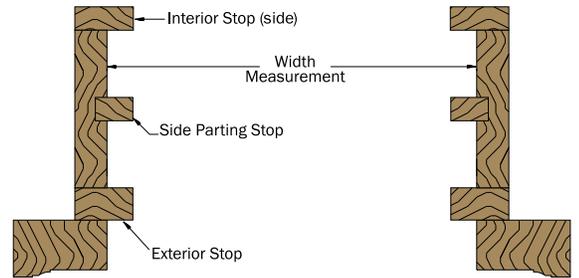


Fig 4
Existing Window Frame - Top View

Measure the height.

Inside opening height is measured from the inside face of the head jamb to the point on the sill where the outside of the bottom sash meets the sill. (Do not measure from sill to head parting stop.) Measure at a minimum of three different locations: left, center and right jamb. Round odd measurements down to the nearest 1/16". Record the smallest measurement. See Fig 5 and 6.

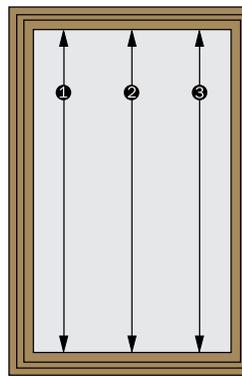


Fig 5
Height - Three Locations

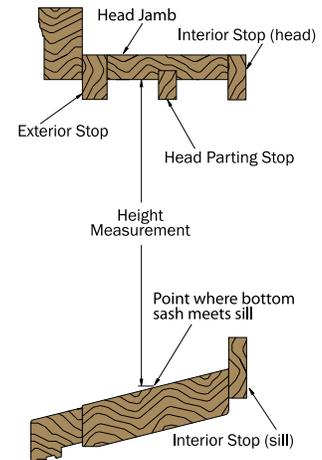


Fig 6
Existing Window Frame - Side View

Measure the sill angle.

Measure the sill angle with either an angle measurement tool, found at most hardware retailers, or with the template provided in this flyer. Jambliner sills are cut at 14° angle as standard. If your sill is more or less than that, we recommend that you order the jambliners 2" longer so they may be cut in the field to the exact angle needed for your application. See Fig 7 and 8.

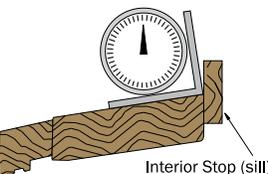
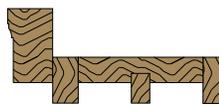


Fig 7
Existing Window Frame - Side View

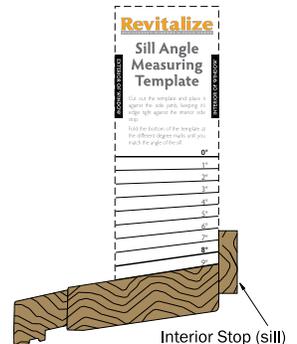
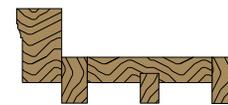


Fig 8
Existing Window Frame - Side View

MEASURING YOUR WINDOWS

Lincoln Fit Double Hung Insert Window

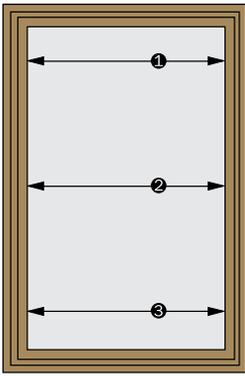


Fig. 8
Width - Three Locations

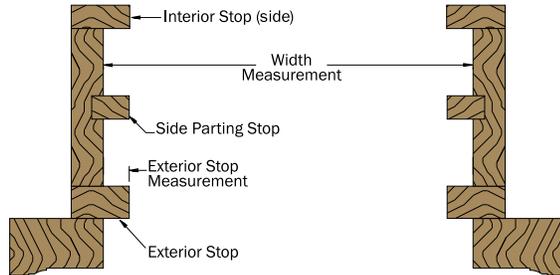


Fig. 10
Existing Window Frame - Top View

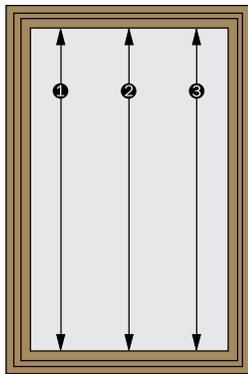


Fig. 11
Height - Three Locations

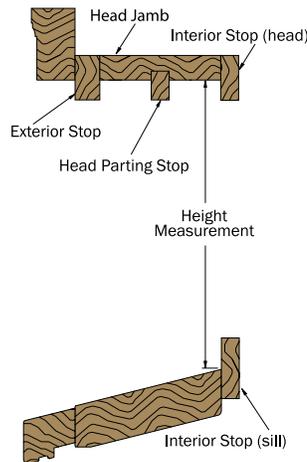


Fig. 12
Existing Window Frame - Side View

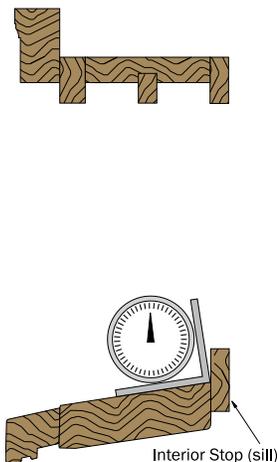


Fig. 14
Existing Window Frame - Side View



Fig. 15
Existing Window Frame - Side View

Measure the width.

For inside opening width, measure from the inside face of jamb to jamb. To insure accurate measuring, the existing sash and jamb liners will need to be removed. (Do not measure from parting stops or inside stops.) Measure at a minimum of three different locations: top, middle and bottom. Round odd measurements down to the nearest 1/16". Record the smallest measurement. See Fig 8 and 10.

Measure the width of the exterior stop from the inside opening to the edge of the stop. If the width exceeds 9/16", modification to the exterior stop or an exterior installation may be necessary. See Fig 10.

Measure the height.

Inside opening height is measured from the inside face of the head jamb to the highest point of the sill where inside of bottom sash meets sill. (Do not measure from sill to head parting stop.) Measure at a minimum of three different locations: left, center and right. Round odd measurements down to the nearest 1/16". Record the smallest measurement. See Fig 11 and 12.

Measure the sill angle.

Measure the sill angle with either an angle measurement tool, found at most hardware retailers, or with the template provided in this flyer. Lincoln Fit units are designed to fit openings with a sill angle between 8° and 14°. If the sill angle is greater than 14° the sill weather-strip may not make contact with the sill. Alternate weather-stripping and/or additional sealant (by others) may be required. Sill angles closer to 8° may require the sill weather-strip to be removed and a backer rod and sealant used at the sill area. Sill angles less than 8° should be ordered with our factory applied flat sill trim option. See Fig 14 and 15.

