



**WINDSOR**  
WINDOWS & DOORS  
A Woodgrain Millwork Company

# Ball Bearing Hinge Adjustment Instructions

Pinnacle and Legend HBR Swinging Door  
Effective November 2009

- 1.) Install and set the door unit plumb, level, and square. Make sure to install framing shims between the jamb and the studs directly behind each hinge location. See Windsor Installation Instructions located on back of the door label for complete installation details.
- 2.) During manufacturing assembly of the door unit, 1 hinge screw has been left out of each hinge on the jamb side. Pre-drill the open holes with a 1/8" diameter bit through the jamb into the stud.
- 3.) Drive one #10 x 2 1/2" screw (provided) through the newly predrilled holes in each hinge into the stud.
- 4.) Check the lock side of the door to ensure proper clearance to allow the panel to operate without interference.
- 5.) If the lock side of the door is too tight, remove the factory-installed shims behind the panel mounted hinge leaf as necessary. To do so, loosen the screws of one hinge leaf, remove 1 or more shims, and re-tighten the screws before moving to another hinge. Note that it is not necessary to completely remove the hinge screws to remove the shims.

