



by CRESCENT DOOR WORKS

## BOSS-Rx DOOR FRAME ROT REPAIR KIT INSTRUCTIONS

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**IMPORTANT!** Before starting, make sure the BOSS-Rx profiles match your existing jambs in width and dimension. If the rot on your existing jambs has progressed beyond the scope of what the new BOSS-Rx jamb pieces will repair, consider replacing your jamb legs entirely for optimal performance.

### TOOLS YOU WILL NEED

- Oscillating multi-tool or handsaw
- Sharp chisel & hammer
- 2-Part Paste Epoxy, such as JB Weld® or PC-7®
- Window and Door Insulating Foam Sealant

Remove door, sill, weather stripping, and exterior mouldings if necessary.

### 1. CUT

Measure 6-¾ inches up from the bottom of your existing jamb and mark a horizontal line across the width of the entire jamb face. With an oscillating tool or handsaw, cut evenly along this line and through the jamb completely. If necessary, make additional parallel cuts below the first cut in order to remove the rot damaged jamb piece. Cut any nails or screws sticking from the end of the sill.

### 2. NOTCH

Notch the raised portion of your jamb. Measure 1-¼ inches up from your original cut and mark a horizontal line across the raised portion of your jamb. With your oscillating tool or handsaw, cut evenly across this line to a depth of 1/2 inch. Additional parallel cuts below your first cut will make notching the raised portion easier. With your chisel remove the waste wood from the cut area.

### 3. FIT

Position a new BOSS-Rx jamb piece into place and test the fit. If necessary, refine your cuts until you are satisfied the jamb profiles match up well.

### 4. ASSEMBLE

Mask off your cut lines and sill with painter's tape. Mix epoxy according to the manufacturer's instructions and pay special attention to the working time allowed by the product. Some epoxies allow only minutes before assembly is necessary and others may allow much longer. Apply mixed epoxy to both jamb surfaces that will make contact and the jamb-to-sill surfaces. Position the new BOSS-Rx jamb piece into place and clean off excess epoxy. At this point you can apply painter's tape across the joined parts to help hold their position. If foot traffic is likely before the epoxy is fully cured, wood screws can be used where the raised portions meet to help secure and align the joint. Pre-drill holes for screws with a countersink drill bit.

Once the epoxy has cured you can now apply any interior or exterior moldings if necessary. Using trim screws, screw through the mouldings and into the restored jamb legs.

**TIP:** After epoxy is fully cured and mouldings applied, use a minimally expanding Window And Door Insulating Foam Sealant to add strength to the repair and prevent water intrusion behind the jamb legs. Drill a 1/2 inch hole behind the raised portion of the jamb, several inches above the sill. Insert the foam sealant straw applicator into the hole and add foam sealant to the void behind the repaired jamb.