STEP 1. MARKING AND DRILLING JAMB FOR HARDWARE.

**NOTE:** PROCEED ONLY AFTER COMPLETING THE "PREPARATION" SECTION AT LEFT.

USE A PLUMB TO ESTABLISH THE CENTERLINE OF JAMB. PLACE TEMPLATE 1 ON THE INSIDE FACE OF JAMB. TOUCHING FINISHED FLOOR OR SILL, LINE UP CENTERLINE ON TEMPLATE 1 WITH CENTERLINE OF JAMB.

MARK HOLES THROUGH TEMPLATE 1 ONTO JAMB WITH CENTER PUNCH. **NOTE:** SEE "DIM A" FROM "HARDWARE LOCATION" SECTION, PG. 2, FOR YOUR APPLICATION.

REMOVE TEMPLATE 1 FROM JAMB AND DRILL HOLES (SEE "DRILL BIT SIZES" AT LEFT).

STEP 2. ATTACHING HARDWARE AND HANGING DOOR.

ATTACH PILLOW BLOCK 2 TO JAMB. **NOTCH SIDE UP,** WITH SINGLE FASTENER (DO NOT TIGHTEN FASTENER AT THIS TIME).


STAND THE DOOR UPRIGHT. PLACE THE BACKER PLATE 6 BEHIND THE V-CAM ASSEMBLY 3 AND FASTEN TO JAMS USING APPROPRIATE FASTENERS (SEE "FASTENERS AT LEFT") AND TIGHTEN. INSERT REMAINING FASTENERS INTO LOWER PILLOW BLOCK 2 AND TIGHTEN.

**NOTE:** PILLOW BLOCK NOTCH MUST POINT UP.

STEP 3. DOOR SWING AND HEIGHT ADJUSTMENT.

**NOTE:** IF YOUR OPENING HEIGHT IS NOT WITHIN TOLERANCE AS INDICATED UNDER THE "PREPARATION" SECTION AT LEFT CALL THE FACTORY AT 1-800-547-8656. OTHERWISE CONTINUE FROM HERE.

PLACE THE ADJUSTER PIPE 7 (7/8" X 7/8" OD PVC PIPE) UNDER THE DOOR FOR USE AS A SPACER.

CENTER PANEL IN OPENING AND SET THE BEARING ON THE ROLLER ASSEMBLY TO LOWEST POSITION IN V-CAM (SEE FIGURE 3).

TIGHTEN THE TOP CAP SCREW IN THE ROLLER ASSEMBLY (SEE FIGURE 3). REMOVE SPACER AND ALLOW DOOR TO REST IN OPENING. BE SURE THAT THE PANEL/PANELS ARE CENTERED IN OPENING BEFORE CONTINUING. IF PANEL/PANELS ARE NOT CENTERED YOU MUST LOOSEN THE CAP SCREWS AND READJUST JUST PANEL/PANELS.

AFTER SETTING PANELS IN THEIR CORRECT POSITION AND CHECKING SWING YOU MUST PIN THE ROLLER ASSEMBLY TO PREVENT THE DOORS FROM SLIPPING OUT OF ALIGNMENT. PLEASE REFER TO "ROLL PIN INSTALLATION" & WARNING ON PAGE 2.

STEP 4. HINGE GUARD AND SEAL.

PEEL PAPER FROM DOUBLE FACE TAPE ON UPPER HINGE SEAL 9. PLACE OVER BACKER PLATE 7 (SKIRT SIDE DOWN). ATTACH WITH #10 TEX SCREWS.

SET LOWER HINGE GUARD 10 INTO PLACE ON FLOOR AND AGAINST JAMB, CENTERED OVER LOWER PILLOW BLOCK 2. MARK HOLES, REMOVE LOWER HINGE GUARD 10 AND DRILL (SEE "DRILL BIT SIZE" AT LEFT).

ATTACH LOWER HINGE GUARD 10 WITH FASTENERS AND SNAP SOLID RISER ONTO LOWER HINGE ADAPTER 5 SHAFT, JUST ABOVE THE LOWER PILLOW BLOCK 2.

**NOTE:** CHECK DOOR AT FULL SWING IN BOTH DIRECTIONS. IT MAY BE NECESSARY TO TRIM GASKET MATERIAL IN SOME AREAS.
### Roll Pin Installation

**WARNING:**
Failure to install roll pin as indicated in these instructions will void any and all warranties attached to this product!!!

**IMPORTANT:**
Make sure panels close and swing correctly before proceeding. Door swing cannot be adjusted after pinning.

**FIGURE “4-A”**
- Drill here
- Drill completely thru to other side
- 3/16" Ø Roll Pin

**FIGURE “4-B”**
- Locate the conical drill mark on the roller assembly (see Figure “4-A”).
- Drill a 3/16" Ø hole completely through the center of roller assembly and hinge shaft (see Figure “4-B”).
- Gently tap roll pin into drill hole unit, flush with roller assembly (see Figure “4-B”).

### Spring Assist Installation

**IMPORTANT:**
Make sure that “Roller Assembly” is properly mounted and pinned before proceeding.

**CAUTION:**
Spring coils must not touch each other when door is in the open position. Overtightening the spring will cause severe damage to the roller assembly.

**FIGURE “5”**
1. Insert threaded shaft (PIN 5544) into lower hinge shaft until jamb nut bottoms out, then take half turn on jamb nut with open-end wrench.
2. Slide thin washer (PIN 5542) over threaded shaft, slide spring (PIN 5539) over shaft, thread adjustment washer (PIN 5545) onto threaded shaft just enough to get it started.
3. Tighten the threaded adjustment washer (PIN 5545) on the threaded shaft (PIN 5544) until the desired closing action is obtained.
4. Placing open-end hand wrenches on the adjustment washer (PIN 5545) and on the jamb nut, turn one against the other to lock adjustment washer in place.

### Hardware Locations

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<th>Opening Height</th>
<th>Actual Door Height</th>
<th>Dim “A”</th>
<th>Dim “B”</th>
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(Durulite 90" x 90" ONLY, No Weldplates)

### Weld Plate Locations

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(Durulite 90" x 90" ONLY, No Weldplates)

### Notes:
Dimensions listed pertain only to standard finished opening heights. Please verify your finished opening height with the factory prior to drilling. Contact the factory at 1-800-547-6856.