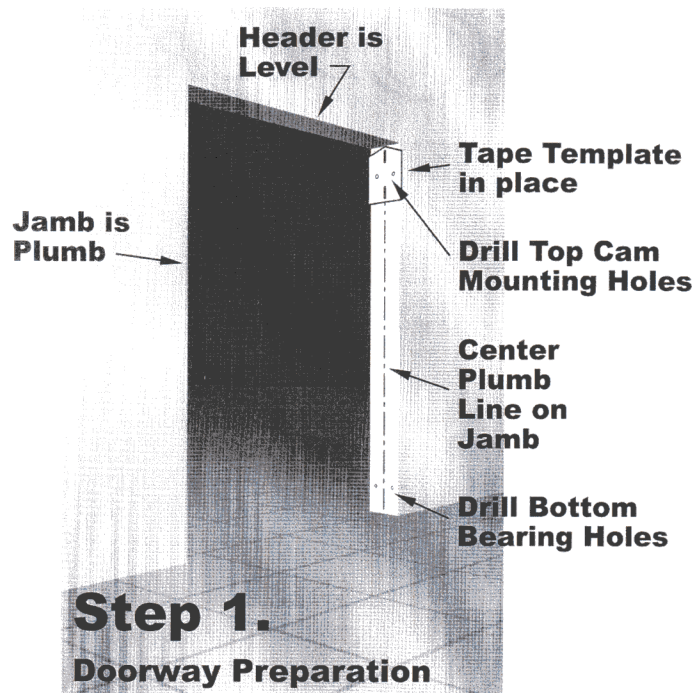


# ***RUBBAIR*** ***DOOR***



Installation Instructions for Doors  
with  $\frac{3}{4}$ ",  $1\frac{1}{2}$ " and Deep Seat V-Cam Hardware





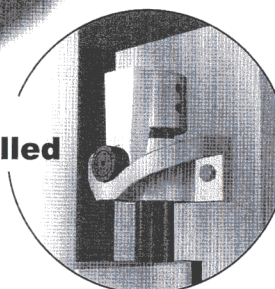
## Step 1. Doorway Preparation

- 1.1 Inspect. If carton or doors are damaged from shipping (bent shaft, etc.), contact factory.
- 1.2 Check jamb and header for plumb, level and square (measure diagonals).
- 1.3 Match size of door opening to size on packing slip.
- 1.4 Mark center plumb line on jamb.
- 1.5 Tape the template supplied with these instructions to jamb. Template center line must line up with your plumb line (see detail). Adjust template height if header is not level.
- 1.6 Mark top cam hole centers on jamb with center punch. Do the same for bottom bearing. See instructions on template. If jamb guards are included, use jamb guard as template to mark holes.
- 1.7 Drill all holes with 5/16" bit and tap with 3/8-16NC tap.

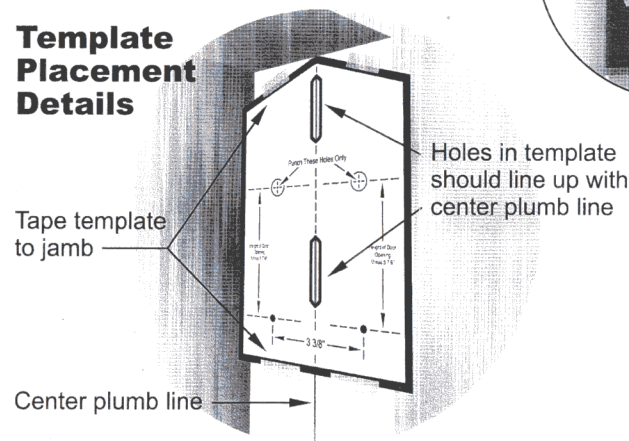
## Required Tools

- Center Punch
- Drill (1/4" or 3/8" electric)
- Drill Bits: 5/16", 9/64"
- Extension Cord
- Hammer
- Level (3' minimum)
- Lever Bar
- Needle Nose Pliers
- Pen or Pencil
- Plumb Bob
- Ratchet Wrench with 3" or 5" extension
- Ratchet Sockets: 9/16", 1/4"
- Screwdriver, Slotted
- Security Driver (for Steel-Lite only - bit supplied by RubbAir)
- Tape Measure
- Tap 3/8"-16 NC
- Wood Spacer Block (scrap 2"x4")

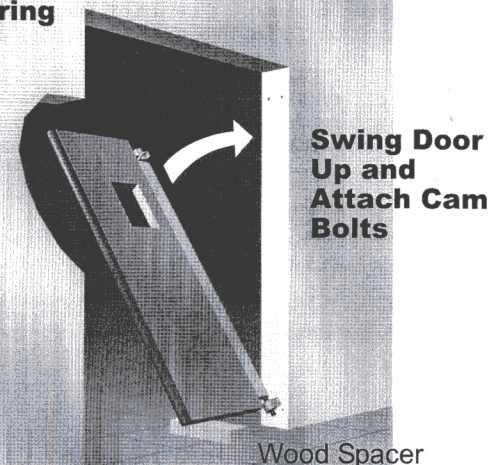
## Cam Installed



## Template Placement Details



## Attach Bottom Bearing to Jamb and Slide Shaft into Bearing



## Step 2. Door Installation

- 2.1 Loosely attach bottom bearing to jamb using one 3/8" bolt only.
- 2.2 Slide shaft into bottom bearing, positioning door on wood spacer.
- 2.3 Swing door up, insert top cam bolts and snug-up (hand-tight).
- 2.4 Insert second bolt in bottom bearing (hand-tight).
- 2.5 Remove wood spacer. Close door to seat cam follower and level cam on bolts. Tighten all four bolts using 9/16" socket.

see **Step 3, Adjustments**  
On Next Page ►►►

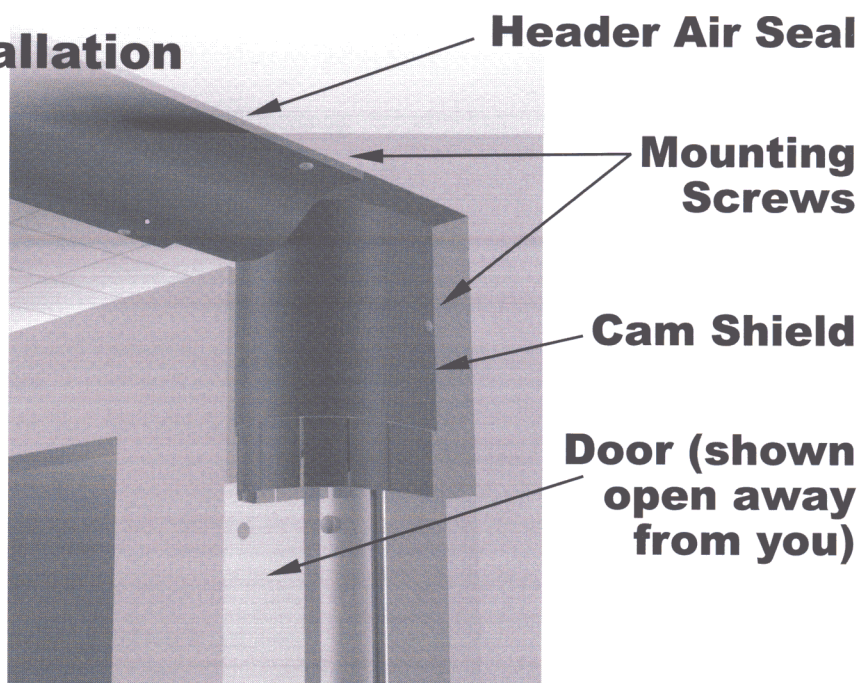
**For Further Assistance Call 800/966-7822**

## Step 3. Adjustments

- 3.1 If door is hard to operate *in both directions*:  
Door is out of plumb. Loosen the two bolts in the cam at the top of the door, shim the door out until plumb using 1/16" plastic shims supplied with the door and re-tighten the bolts.
- 3.2 If door is hard to operate *in one direction*:  
Cam or bottom bearing not square or level and binding on shaft. Loosen cam and bottom bearing bolts. Allow door to re-seat and tighten bolts.  
Cam holes not level. Lift door off cam using spacer block. Loosen cam bolts, lift side of cam door would not close from and tighten bolts.
- 3.3 If door does not *fully* close:  
Bottom air seal dragging. Hold air seal using needle nose pliers and trim with razor knife to floor contour.
- 3.4 If doors do not meet in center or single door does not close in one direction only:  
Confirm absence of wind or negative air pressure at opening. If not, jambs are not parallel. Use half-shims behind one side of cam to align each door.

## Step 4. Seal Installation

- 4.1 Center header air seal above door. Using double-coated tape, position anchor strips so seal loops down, lightly touching top of door.
- 4.2 Drill pilot holes in header with 9/64" bit. Secure seal with #8 tek screws using 1/4" socket.
- 4.3 Attach cam shields to cams using #8 screws. Mounting holes are pre-drilled in sides of cams (see illustration).



***RUBB*AIR  *DOOR***

**THE TRAFFIC DOOR COMPANY**

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