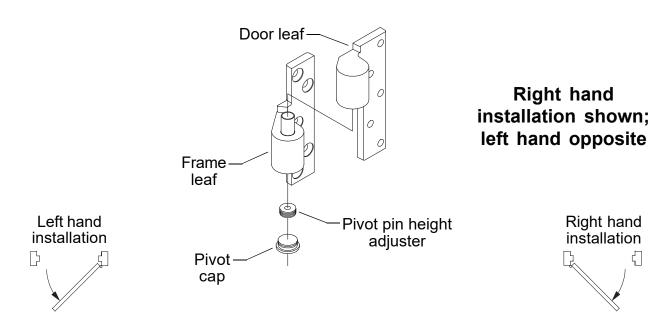


# **ECUPITIES** Installation Instructions



## PV010 3/4" Intermediate Pivot



- 1. Prepare and mortise hinge stile of door and hinge side jamb to receive pivot set. Determine pivot location using dimensions on reverse side. The pivots are handed and must match hand of door. To determine hand of door and proper pivot position, see diagrams above. Install top and bottom pivot sets before installing intermediate pivot.
- **2.** Locate, drill, and tap M6x20 mounting holes for metal door or metal frame. Locate and drill pilot holes for ST5.5x38 wood screws for wood door or wood frame. Then hang door.
- 3. Open door about 90°. Install pivot leafs with screws provided.
- **4.** The door weight should be balanced between bottom and intermediate pivots. Refer to diagram above. To adjust intermediate pivot:
  - **A.** Use Allen wrench to remove pivot cap from frame leaf.
  - B. Insert Allen wrench into pivot pin height adjuster.
  - **C.** Turn clockwise until pivot pin makes contact with steel ball inside door leaf.
  - **D.** Adjust carefully to balance the weight of the door.
- **5.** Re-install pivot cap.

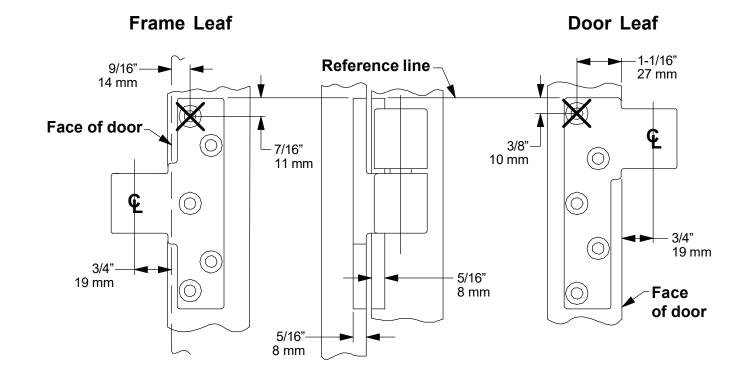


### **CAUTION**

Improper pivot set installation can lead to personal injury or property damage. Follow all instructions carefully.

### **NOTE**

It is very important for installer to verify that center line of top pivot point lines up with center line of top and bottom pivot points before final installation. Both door and frame pivot leafs located from face of door. Intermediate pivot should be evenly spaced between top and bottom pivots. Heel edge of door must be beveled 1/8" (3mm) in 2" (51mm).



Right hand installation shown; left hand opposite

CAL-ROYAL PRODUCTS, INC.

### **TEMPLATE FOR PV010 PIVOT SET INTERMEDIATE PIVOT** 13/16" Right hand door & pivot shown. Note: (21) Left hand opposite. 1, Installer must verify that centerline of the pivot point lines up with the Note: dimensions in () are millimeters. centerline of bottom pivot point. 1/8" 2, Bottom pivot set should be mounted (3) 5/16" first in most installations. 3, Heel edge of door must be bevled 1/8" (8) (3mm) in 2"(51mm) as shown. 4, Pivots mfg. to accept M6x20 machine 5/16" screws and ST5.5x38 wood screws. (8) 5, Templating for door leaf & frame leaf 3/4" is identical. 6, Reforcing for hollow metal doors and (19) 1-3/8" frames is needed. (35)1-1/16" 13/16" Frame Leaf 3/8" (27)Door Leaf 3/4" (21)(10)(19) 5/16" 9/16" 1-1/8" (8) (14)7/16" (29) Face of Door Ref. Line Ref. Line (11) 1-7/16" 1-1/2" 1-15/16" (37) (38)(49)4-9/16" 2-1/2" (116)(64)2-1/2" (64)3-9/16" 3-7/8" (90)(98)1-15/16' Face of Door (127)(49)(127)4-5/8" (117)1/4" 1/16" (6) (2) (25)Min. 3/4" 3/4" (19)1-1/8" (19)1-1/8" (29)CAL-ROYAL PRODUCTS, INC. (29)6605 Flotilla St. City of Commerce, CA 90040 | (800) 876-9258 | www.cal-royal.com