RTS SERIES PACKAGE 01, 02
SIDE LOAD ALUMINUM DOOR AND FRAME

1. PREPARE FRAME AND INSTALL CLOSER

Prepare header 1 and side jamb 2 according to template. Fasten mounting bracket 3 to side jamb with three No. 8-32 pan head machine screws. Fasten header to side jamb with two No. 10-32 flat head machine screws. Fasten two 1/4-20 flat head machine screws 4 to header with lock washers and nuts. Fasten angle bracket 5 to closer with two hex head machine screws and flat washers. Install two fillister head machine screws 6 into mounting tabs on closer 7 , make approximately three turns.

NOTE: For RTS 88 models only - do not remove spacer washers in mounting tabs.

Install closer into header by inserting mounting tabs into mounting bracket 3 , then raise end of closer with angle bracket 5 onto the two 1/4-20 screws 4 . Fasten angle bracket with the two remaining 1/4-20 nuts and lock washers. Tighten the two fillister head machine screws 6 securely.

Install cover plate 8 by sliding tab into frame and fasten opposite end to mounting bracket with two No. 8-32 flat head machine screws provided.

2. PREPARE TOP OF DOOR AND INSTALL CLOSER ARM

Prepare top of door according to template. NOTE: Cut-out side of door should face interior of building. Fasten adjustment stud 9 to door channel. Install two 1/4-20 hex head alignment screws 10 into closer arm 11 . Place closer arm over adjustment stud 9 in door channel. Center arm in door, turning both 1/4-20 hex head alignment screws 10 counterclockwise until they are wedged against door channel. Thread lateral adjustment screw 12 into adjustment stud 9 . Secure arm 11 into place with 1/4-20 flat head screw 13 and flat washer 14 .

3. PREPARE BOTTOM OF DOOR AND INSTALL PIVOT

Prepare bottom of door according to template. Fasten door portion of bottom pivot with three 1/4-20 pan head machine screws. Prepare floor or threshold according to template. Fasten floor portion 16 with three No. 12 flat head wood screws and plastic anchors. If threshold is used, fasten threshold portion 17 of bottom pivot with 1/2" jamb nut 18 .

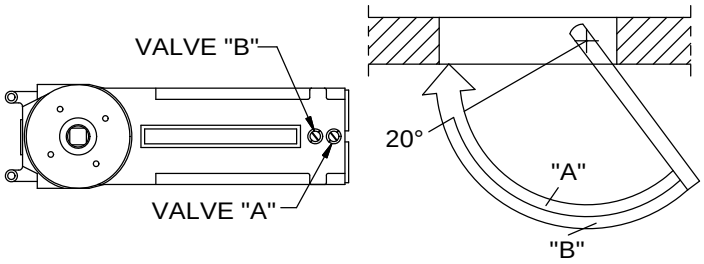
4. INSTALL DOOR

With door parallel to opening, place bottom of door onto floor or threshold portion of pivot. Push door to vertical position until closer spindle is completely engaged into closer arm 11 . Fasten clamping block 19 to arm 11 with three 1/4-20 socket head cap screws 20 . NOTE: Alternate fastening screws when tightening clamping block. TIGHTEN SECURELY! Fasten cover plate 21 to door with screws provided.

5. ADJUST CLOSING SPEEDS

Valve "A" - Controls closing speed from maximum opening angle to 0° . Clockwise turns decrease closing speed, counterclockwise turns increase closing speed.

Valve "B" - Increases closing speed from maximum opening angle to 20° , turn valve counterclockwise.



6. DOOR ALIGNMENT

Double Acting - Center door in frame by loosening 1/4-20 flat head screw 13 and adjusting the two 1/4-20 hex head alignment screws 10 as required. To adjust clearance between door and frame, adjust lateral adjustment screw 12 . Retighten 1/4-20 flat head screw 13 . TIGHTEN SECURELY!

Single Acting - Adjust arm to insure that door closes tightly against stop. Loosen 1/4-20 flat head machine screw 13 . Adjust closer arm fully in the direction of door swing. To adjust clearances between door and frame, adjust lateral adjustment screw 12 . Retighten 1/4-20 flat head screw 13 . TIGHTEN SECURELY!

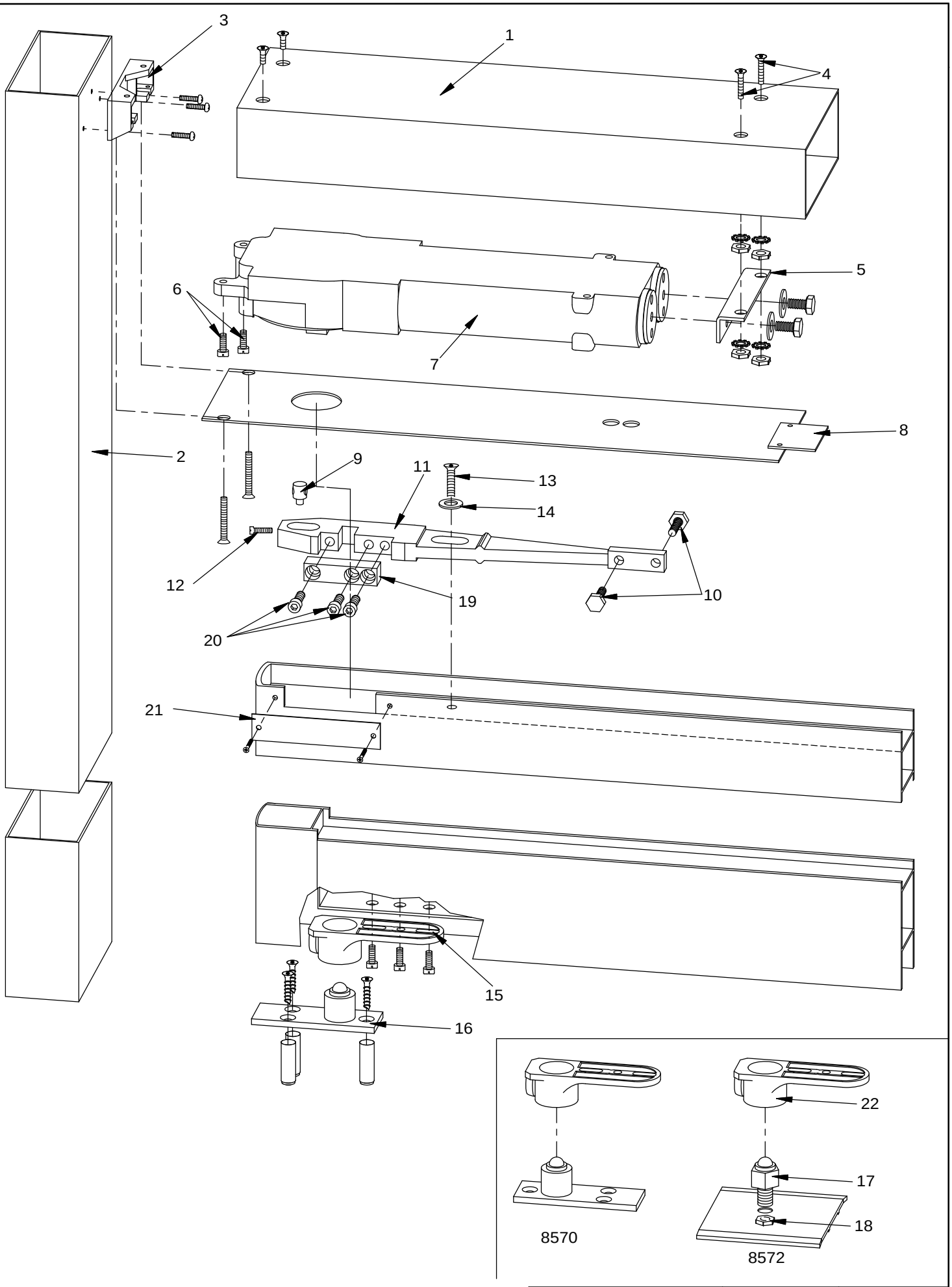
7. CLEARANCE ADJUSTMENTS (IF REQUIRED)

If clearances differ from those shown on template, adjust in the following manner.

Adjustable pivot art no. 8570, 8572 - open door to approximately 90° . Loosen clamping block 19 on closer arm. With small flat blade screwdriver, turn height adjustment screw 22 through 3/8" diameter clearance hole in heel edge of door. Clockwise turns raise door, counterclockwise turns lower door. Retighten clamping block 19 . TIGHTEN SECURELY!

8. DOOR REMOVAL

Remove cover plate 21 from side of door. Remove clamping block 19 from top arm. Lean top of door out until it clears frame. Lift door off of bottom pivot.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