RTS SERIES PACKAGE 04
SIDE LOAD WOOD DOOR AND STEEL FRAME

1. PREPARE FRAME AND INSTALL CLOSER

NOTE: 8532 mounting channel is to be installed prior to frame installation.

Prepare header 1 according to template. Fasten angle bracket 2 to closer 3 with two hex head machine screws and flat washers. Install two fillister head machine screws 4 into mounting tabs on closer 3 , make approximately three turns. NOTE: For RTS 88 models only - do not remove spacer wahsers in mounting tabs.

Install closer into mounting channel 5 in header 1 by inserting mounting tabs into mounting bracket. Then raise end of closer with angle bracket 2 onto the two 1/4-20 screws installed in mounting channel. Fasten angle bracket to the remaining 1/4-20 screw with lock washer and nut 6 . Tighten the two fillister head machine screws SECURELY!

Install cover plate 7 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 ARM

Prepare top of door according to template. NOTE: Cut-out side of door should face interior of building. Fasten 8832 mounting channel 8 to door with four No. 12 flat head wood screws 9 . Install two 1/4-20 hex head alignment screws 10 into closer arm 11 . Place closer arm over adjustment stud 12 in arm 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 13 into adjustment stud on 8832 mounting channel 8 . Secure arm 11 into place with 1/4-20 flat head machine screw and flat washer 14 .

3. PREPARE BOTTOM OF DOOR, INSTALL ARM AND FLOOR BEARING

Prepare bottom of door according to template. Fasten bottom arm 15 to door with five No. 14 flat head wood screws. Prepare floor according to template. Fasten floor bearing 16 with three flat head wood screws and plastic anchors. SEE TEMPLATE FOR THRESHOLD PREPARATION.

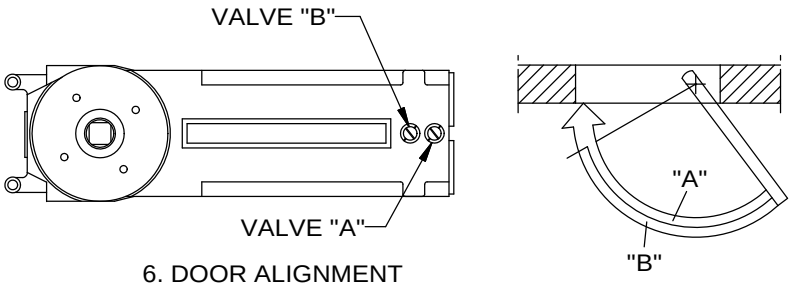
4. INSTALL DOOR

With door parallel to opening, place bottom of door onto floor bearing 16 . Push door to vertical position until closer spindle is completely engaged into closer arm 11 . Fasten clamping block 17 to arm 11 with three 1/4-20 socket head cap screws 18 . NOTE: Alternate fastening screws when tightening clamping block. TIGHTEN SECURELY! Fasten cover plate 19 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.

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 14 and adjusting the two 1/4-20 hex head alignment screws 10 as required. To adjust clearances between door and frame, adjust lateral adjustment screw 13 . Retighten 1/4-20 flat head screw 14 . TIGHTEN SECURELY!

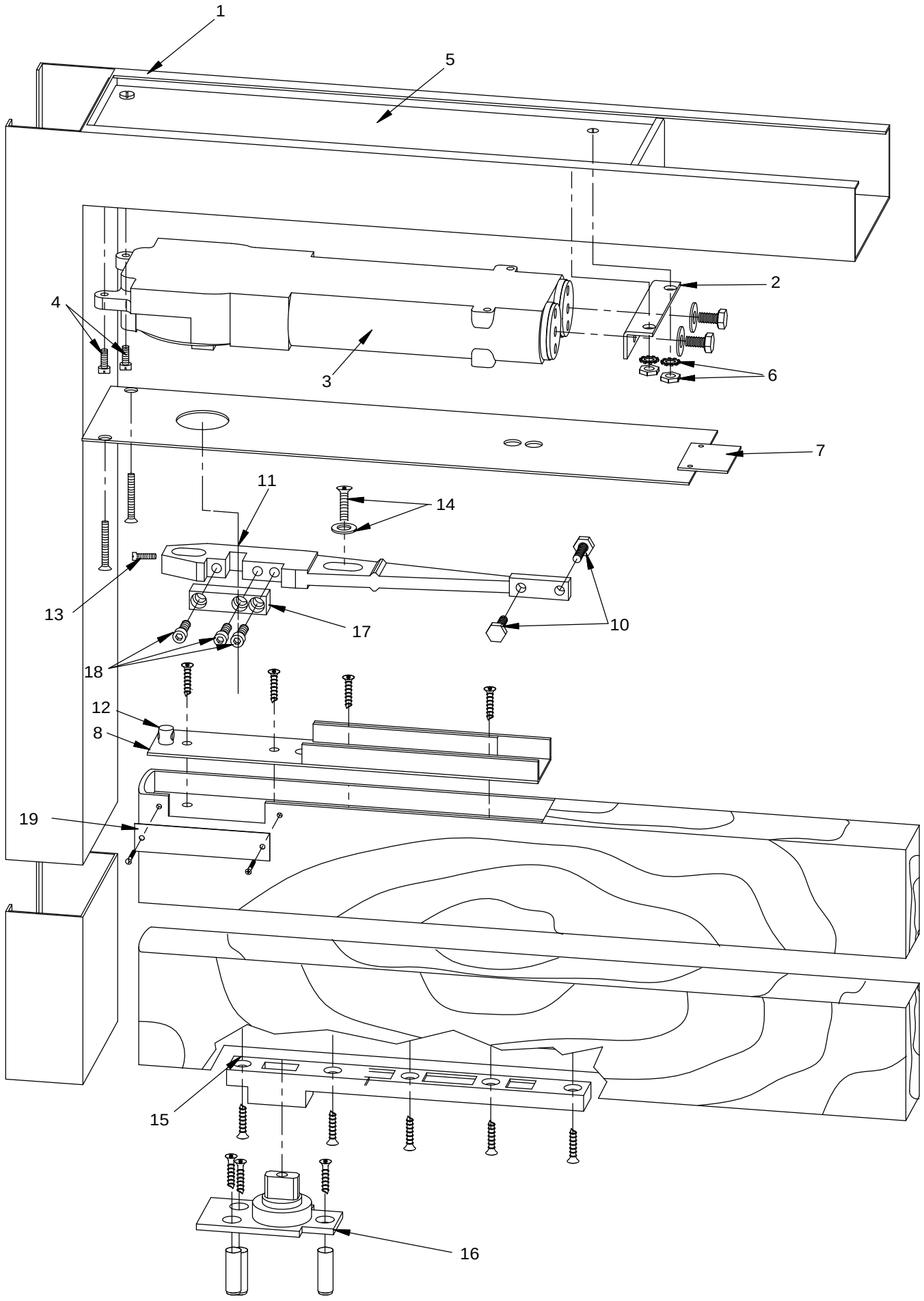
Single Acting - Adjust arm to insure that door closes tightly against stop. Loosen 1/4-20 flat head machine screw 14 . Adjust closer arm fully in the direction of door swing. To adjust clearances between door and frame, adjust lateral adjustment screw 13 . Retighten 1/4-20 flat head machine screw 14 . TIGHTEN SECURELY!

7. CLEARANCE REQUIREMENTS

The standard spindle for 7471K will achieve a door clearance of 11/16", measured from finished floor to bottom of door. SEE CHART ON TEMPLATE FOR OPTIONAL SPINDLES AND DOOR CLEARANCES.

8. DOOR REMOVAL

Remove cover plate 19 from side of door. Remove clamping block 17 from top arm. Lean top of door out until it clears frame. Lift door off of floor bearing 16 .


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