PREPARE DOOR

Prepare Top Strike to Wood frame template

STEP 1

INSTRUCTIONS FOR INSTALLING CAL-ROYAL FWCVR9800 SERIES CONCEALED VERTICAL ROD EXIT DEVICE

1. Thru Inner Chassis cutout in the door, insert the extension in the door
2. Insert Inner chassis in the cutout, and insert reduced end of extension in top threaded bushing on inner chassis, and fasten the rod extension with 1 machine screw
3. On outside of door thru the cutout, install Plate into extension in the door
4. Attach mounting plate to inner chassis with 2 machine screws, then attach mounting plate to the door with 2 wood screws

STEP 2

MOUNT ROD & CHASSIS

Use Strike Furnished

- Attach inner chassis and its mounting plate to door with 2 wood screw
- Screw top rod into inner chassis, and insert this ass’y into the door and fasten inner chassis in place with 2 machine screws
- Adj top rod to project bolt 1/2”
- Attach Main Chassis with 1 machine screw to the inner chassis, and 2 machine screw to the inside of the inner chassis mounting plate, and 4 wood screws to the door
- Attach Rail ass’y to chassis with 2 truss head machine screws. Attach the hinge side end of rail to the door with mounting plate

Before bolting Mounting plate and leveling Rail Ass’y. Attached set to Main Chassis with two #8-32 x 3/8” truss head screws. Not tighten yet.
**STEP 3**

2. MOUNT RAIL ASS'Y

3.1. Determine cut-off dimension "X" by subtracting 1-1/8" from dimension "Y".

3.2. Depress arm into rail opening and slide rail into chassis.

3.3. With push rail depressed, adjust bolt flush with top of the door.

3.4. Insert top chassis into cutout at the top of the door, and attach with six wood screws.

4. ATTACH COVER

- Attach end cap to mounting plate with two cover screws.
- Attach cover to chassis with four cover screws.

5. OPERATION CHECK

5.1. Depress Pushrail; bolt should retract into door. The latch retractor button should pop out and hold the bolt retracted until button is depressed.

5.2. If button does not pop out, remove top chassis and screw the top rod in one turn. Replace top chassis and repeat abv operation.

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**STEP 4**

INSTRUCTIONS FOR INSTALLING CAL ROYAL ESC LEVER TRIM FOR WCVR9800 SERIES CONCEALED VERTICAL ROD EXIT DEVICE (see also TRIM template & installation instructions)

1. Thru Inner Chassis cutout in the door, insert the extension in the door.

2. Insert inner chassis in the cutout, and insert reduced end of extension in top threaded bushing on inner chassis, and fasten the rod extension with 1 machine screw.

3. On outside of door thru the cutout, install Plate into extension in the door.

4. Before attaching main chassis and inner chassis to the door, attach esc lever trim to the door with (2) 1/4-20 x 2-3/8" flat head machine screws.

5. Then attach Rail Assy to the chassis, and hinge stile end of rail to the door with mounting bracket.

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**ATTACH OUTSIDE TRIM IF USED**

IF AN OUTSIDE AUXILIARY CONTROL IS USED, SEE THE INSTRUCTION SHEET PACKED WITH THE CONTROL.