NOTE:
1. TEMPLATE CUT FOR SHIPMENT
   ALONG DASH LINE (3 1/2 x 11")
MOUNTING INSTRUCTIONS

1. Determine hand of door and establish center line of pads on stiles.
2. Prepare stiles per templates:
   10-454 Template for Active Stile.
   10-475 Template for Inactive Stile.
3. Drill cylinder mounting holes only if required.
4. Locate center line of cylinder on exterior side of active stile and drill if required.
5. Trim tail piece to fit as shown.
6. Mount cylinder in place and secure with mounting screws. (Screws must be flush with door.)
7. Determine function desired:
   a) Regular function key removable in either locked or unlocked position. Fully release latch then set index mark on coupling boss straight up.
   b) Night latch function: key removable in locked position only. Perform Step "a" then rotate coupling boss 90° towards hinge side.
8. Drill 205 (3/16") hole and tap 1/4-20(48-1.0) THD (4 flats) on active and inactive stiles.
9. Install four (4) 1/4-20 shoulder studs. Mount active pad to stile with three 1/4-20(48-1.0) x 1/2(12.7) screws. Set screws.
10. Locate and drill mounting holes for adjustable strike. (Center on latch)
11. Mount and secure strike as shown.
12. Check operation to assure that all parts and cylinder are functioning properly. Adjust as required.
13. Mount inactive pad to stile with three (3) 1/4-20(48-1.0) x 1/2 (12.7) screws. Set screws.
14. Cut length of panic bar by measuring from inside to inside edge of mounting pads. 1/32 (.79) fit to size.
15. Loosen inactive pad. Install and secure panic bar with two 1/4-20(48-1.0) x 1/2(12.7) oval head bolts. (Phill.) Retighten pad set screws.

DOOR LOCKING INSTRUCTIONS:
To Lock: Depress cross bar turn key toward lock side or push dogging.
To Unlock: Depress cross bar turn key toward lock side or rotate dogging pin until it releases.

<table>
<thead>
<tr>
<th>Functional</th>
<th>Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edge</td>
<td>1/4 (6.35)</td>
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</tbody>
</table>

Dowel:
- Edge
- Corner
- Post
- Catch
- Latch
- Square

45° to 90° (6.35)

Jackson

Installation Guide

Key Size: 1 1/16" Flared Pin

Finish: Black, Satin Chrome

Part No.: 10-454
A.) REGULAR FUNCTION KEY REMOVABLE IN EITHER LOCKED OR UNLOCKED POSITION. FULLY RELEASE LATCH THEN SET INDEX MARK ON COUPLING BOSS STRAIGHT UP.

B.) NIGHT LATCH FUNCTION: KEY REMOVABLE IN LOCKED POSITION ONLY. PERFORM STEP 'A' THEN ROTATE COUPLING BOSS 90° TOWARDS HINGE SIDE.
MOUNTING INSTRUCTIONS

1. DETERMINE HAND OF DOOR AND ESTABLISH CENTER LINE OF PADS ON STILES.
2. PREPARE STILES PER TEMPLATES:
   - 10450 TEMPLATE FOR ACTIVE STILE.
   - 10475 TEMPLATE FOR INACTIVE STILE.
3. DRILL CYLINDER MOUNTING HOLES ONLY IF REQUIRED.
4. LOCATE CENTER LINE OF CYLINDER ON EXTERIOR SIDE OF ACTIVE STILE AND DRILL IF REQUIRED.
5. TRIM TAIL PIECE TO FIT AS SHOWN.
6. MOUNT CYLINDER IN PLACE AND SECURE WITH MOUNTING SCREWS. (SCREWS MUST BE FLUSH WITH DOOR.)
7. DETERMINE FUNCTION DESIRED:
   - ALL REGULAR FUNCTION KEY REMOVABLE IN EITHER LOCKED OR UNLOCKED POSITION, FULLY RELEASE LATCH WHEN SET INDEX MARK ON COUPLING BOSS STRAIGHT UP.
   - INTERIOR LATCH FUNCTION KEY REMOVABLE IN LOCKED POSITION ONLY. PERFORM STEP "A" THEN ROTATE COUPLING BOSS 90° TOWARDS HINGE SIDE.
8. DRILL 203 (.515) HOLE AND TAP 1/4-20 THRD. (4 PLUGS) ON ACTIVE & INACTIVE STILES & INSTALL FOUR (4), 1/4-20X1-3/4 SHOULDER STUDS. MOUNT ACTIVE PAD TO STILE WITH THREE 1/4-20X1-1/2 X 1/2 (.127) SOCS. SET SCREWS.
9. LOCATE AND DRILL MOUNTING HOLES FOR Adjustable Strike. (CENTER ON LATCH)
10. MOUNT AND SECURE STRIKE AS SHOWN.
11. CHECK OPERATION TO ASSURE THAT ALL PARTS AND CYLINDER ARE FUNCTIONING PROPERLY, ADJUST AS REQUIRED.
12. MOUNT INACTIVE PAD TO STILE WITH THREE (3), 1/4-20 (16-130) X 1/2 (.127) SOCS. SET SCREWS.
13. CUTOFF LENGTH OF PANIC BAR BY MEASURING FROM INSIDE TO INSIDE EDGE OF MOUNTING PADS, 1/32 (.031) FIT TO SIZE.
14. LOOSEN INACTIVE PAD, INSTALL AND SECURE PANIC BAR WITH TWO 1/4-20X1-1/2 X 1/2 (.127) OVAL HEADS (PHILLIPS) RETIGHTEN PAD SET SCREWS.

DOORING INSTRUCTIONS:

TO DOG - DEPRESS CROSS BAR TURN KEY TOWARD HINGE SIDE OR PUSH DOGGING PIN UP AND TURN 90° EITHER DIRECTION TO UNDOG - DEPRESS CROSS BAR TURN KEY TOWARDS LOCK SIDE OR ROTATE DOGGING PIN UNTIL IT RELEASES.

<table>
<thead>
<tr>
<th>CYLINDER</th>
<th>PULL</th>
</tr>
</thead>
<tbody>
<tr>
<td>10450</td>
<td>1/4 (6.35)</td>
</tr>
<tr>
<td>10475</td>
<td>1/4 (6.35)</td>
</tr>
<tr>
<td>10450</td>
<td>1/4 (6.35)</td>
</tr>
<tr>
<td>10475</td>
<td>1/4 (6.35)</td>
</tr>
</tbody>
</table>

Jackson Securely Incorporate Centered Strike Functioning
MOUNTING INSTRUCTIONS

1. DETERMINE HAND OF DOOR AND ESTABLISH CENTER LINE OF
   PADS ON STILES.
2. PREPARE STILES PER TEMPLATES:
   10-434 TEMPLATE FOR ACTIVE STILE.
   10-475 TEMPLATE FOR INACTIVE STILE.
3. DRILL CYLINDER MOUNTING HOLES ONLY IF REQUIRED
4. LOCATE CENTER LINE OF CYLINDER ON EXTERIOR SIDE
   OF ACTIVE STILE AND DRILL IF REQUIRED.
5. TRIM TAIL PIECE TO FIT AS SHOWN.
6. MOUNT CYLINDER IN PLACE AND SECURE WITH MOUNTING
   SCREWS. (SCREWS MUST BE FLUSH WITH DOOR.)
7. DETERMINE FUNCTION DESIRED:
   A.) REGULAR FUNCTION KEY REMOVABLE IN EITHER LOCKED
       OR UNLOCKED POSITION. FULLY RELEASE LATCH THEN
       SET INDEX MARK ON COUPLING BOSS STRAIGHT UP.
   B.) NIGHT LATCH FUNCTION: KEY REMOVABLE IN LOCKED
       POSITION ONLY. PREFORM STEP ‘A’, THEN ROTATE
       COUPLING BOSS 90° TOWARDS HINGE SIDE.
8. DRILL .203 DIA. AND TAP 1/4-20 TPI. (4 PCS.) ON ACTIVE & INACTIVE STILES
   & INSTALL FOUR (4) 1/4-20 SHOULDER STUDS. MOUNT ACTIVE
   PAD TO STILE WITH THREE 1/4-20 X 1/2 SPC. SET SCREWS.
9. LOCATE AND DRILL MOUNTING HOLES FOR ADJUSTABLE
   STRIKE. (CENTER ON LATCH)
10. MOUNT AND SECURE STRIKE AS SHOWN.
11. CHECK OPERATION TO ASSURE THAT ALL PARTS AND
    CYLINDER ARE FUNCTIONING PROPERLY. ADJUST AS REQUIRED.
12. MOUNT INACTIVE PAD TO STILE WITH THREE (3) 1/4-20 X 1/2
    SPC. SET SCREWS.
13. CUT LENGTH OF PANIC BAR BY MEASURING FROM INSIDE TO
    INSIDE EDGE OF MOUNTING PADS. 1/32 FIT TO SIZE.
14. LOOSEN INACTIVE PAD. INSTALL AND SECURE PANIC BAR
    WITH TWO 1/4-20 X 1 0VAL HD.M.S. (PHIL.)
    RETIGHTEN PAD SET SCREWS.

DOGging INSTRUCTIONS:
TO DOG— DEPRESS CROSS BAR TURN KEY
TOWARD LOCK SIDE OR PUSH DOGGING
PIN UP AND TURN 90°
TO UNDOG— DEPRESS CROSS BAR TURN KEY
TOWARD LOCK SIDE OR ROTATE DOGGING
PIN UNTIL IT RELEASES.
TYPE "F" ADJUSTABLE STRIKE

ACTIVE SIDE ROUTING  INACTIVE SIDE ROUTING
FOR PLATE #30-686  FOR PLATE #30-684

PACKAGE NO. 30-684

1995 WOOD APPLICATION  L.H.R.B. SHOWN  R.H.R.B. OPPOSITE

1/16" (1.6) THRU

1/4" (6.4) THRU

1/16" (1.6) THRU

1/4" (6.4) THRU

1/8" (3.2) THRU

1/8" (3.2) THRU

1/4" (6.4) THRU

1/4" (6.4) THRU

1/2" (12.7) THRU

1/2" (12.7) THRU

3/16" (4.8) THRU

3/16" (4.8) THRU

FOR PLATE #30-684

NOTES:
1. SPACING DIA is 3/8 (9.525) instead of 1/4 (6.4) as shown. Switch plates and drill as close to suit.
2. DRILL HOLE NEXT TO EDGE.
3. DRILL HOLE NEXT TO EDGE.

REMEMBER TO INSTALL
PLATE #30-684
MOUNTING DETAILS

BOTTOM OF DOOR

1/16" (1.6) THRU

1/16" (1.6) THRU

1/16" (1.6) THRU

1/16" (1.6) THRU

1/16" (1.6) THRU

1/16" (1.6) THRU

1/16" (1.6) THRU

1/16" (1.6) THRU

1/16" (1.6) THRU

W12-122
MOUNTING INSTRUCTIONS

1. DETERMINE HAND OF DOOR AND ESTABLISH CENTER LINE OF PADS ON STILES.

2. PREPARE STILES PER TEMPLATES:
   10-484 TEMPLATE FOR ACTIVE STILE.
   10-476 TEMPLATE FOR INACTIVE STILE.

3. DRILL CYLINDER MOUNTING HOLES ONLY IF REQUIRED.

4. LOCATE CENTER LINE OF CYLINDER ON EXTERIOR SIDE OF ACTIVE STILE AND DRILLIF REQUIRED.

5. TURN TAIL PIECE TO FIT AS SHOWN.

6. MOUNT CYLINDER IN PLACE AND SECURE WITH MOUNTING SCREWS. (SCREWS MUST BE FLUSH WITH DOOR.)

7. DETERMINE FUNCTION DESIRED:
   A) REGULAR FUNCTION KEY REMOVABLE IN EITHER LOCKED OR UNLOCKED POSITION. FULLY RELEASE LATCH THEN SET INDEX MARK ON COUPLING BOSS STRAIGHT UP.
   B) NIGHT LATCH FUNCTION KEY REMOVABLE IN LOCKED POSITION ONLY. PERFORM STEP "A" THEN ROTATE COUPLING BOSS 90° TOWARDS HINGE SIDE.

8. DRILL 20s (5/16) (4A) AND TAP 1/4-20 THD (4 PLUGS) ON ACTIVE & INACTIVE STILES & INSTALL FOUR (4) 1/4-20X1-1/2" SHOULDER STICKS. MOUNT ACTIVE PAD TO STILE WITH THREE 1/4-20X1-1/2" (2) 1/2" (12) SET SCREWS.

9. LOCATE AND DRILL MOUNTING HOLES FOR ADJUSTABLE STRIKE. (CENTER ON LATCH)

10. MOUNT AND SECURE STRIKE AS SHOWN.

11. CHECK OPERATION TO ASSURE THAT ALL PARTS AND CYLINDER ARE FUNCTIONING PROPERLY. ADJUST AS REQUIRED.

12. MOUNT INACTIVE PAD TO STILE WITH THREE (3) 1/4-20 (16-18) 1/2" (12) SET SCREWS.

13. CUT LENGTH OF PANIC BAR BY MEASURING FROM INSIDE TO INSIDE EDGE OF MOUNTING PADS. 1/56" (.79") FIT TO SIZE.

14. LOOSEN INACTIVE PAD. INSTALL AND SECURE PANIC BAR WITH TWO 1/4-20X1-1/2" X 1/2 (2A) OVAL HEADS (PHIL). RETIGHTEN PAD SET SCREWS.

DOGGING INSTRUCTIONS:
TO DOG- DEPRESS CROSS BAR TURN KEY TOWARD LOCK SIDE OR PUSH DOGGING PIN UP AND TURN 90° EITHER DIRECTION.
TO UNDO- DEPRESS CROSS BAR TURN KEY TOWARD LOCK SIDE OR ROTATE DOGGING PIN UNTIL IT RELEASES.