CAUTION: BEFORE STARTING
- INSTALL MULLION IF USED
- DOOR SHOULD BE FITTED AND HUNG
- CHECK BOX LABEL FOR SIZE OF EXIT DEVICE FUNCTION AND DESIGN

AVAILABLE STOCK LENGTHS
Length “E”: 32” door
Can be cut to fit doors down to 24” wide.
Length “F”: 36” door
Can be cut to fit doors down to 33” wide.
Length “J”: 42” door
Can be cut to fit doors down to 37” wide.
Length “G”: 48” door
Can be cut to fit doors down to 43” wide.

IMPORTANT: SURFACE OF DOOR WHERE EXIT DEVICE IS TO BE APPLIED MUST BE FLUSH. CLEAR AWAY ANY RAISED PROJECTIONS TO ALLOW EXIT DEVICE TO REST FLAT ON SURFACE OF DOOR.

APPLY STRIKE TO FRAME OR MULLION

SURFACE APPLIED 649 STRIKE, 12-8500, AD8500, OR OPTIONAL STANDARD APPLICATION

INTEGRAL STOP 657 STRIKE

ATTACH WITH (2) STRIKE SCREWS AND USE (2) LOCK WASHERS BETWEEN FRAME AND STRIKE

DRILL AND COUNTERSINK FOR 1/4” FLAT HEAD SCREWS

ALUMINUM FRAMES: DRILL (2) 3/8” HOLES FOR MOLLY-JACK NUTS. REINFORCED METAL FRAMES: DRILL AND TAP (2) 10-24 HOLES

MOUNTING PLATE
END CAP
RAIL ASSEMBLY
LOCK DOWN KEY TO OPERATE:
- DEPRESS PUSH RAIL;
- INSERT HEX KEY AND TURN CLOCKWISE

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2. **MARK VERTICAL AND HORIZONTAL REFERENCE LINES ON DOOR**

   - 13/16" FROM SURFACE OF STRIKE (REFERENCE STRIKE TEMPLATE)
   - 41" FROM FINISHED FLOOR, OR AS SPECIFIED

3. **PREPARE DOOR**

   - TAPE TEMPLATE ON INSIDE OF DOOR ALONG REFERENCE LINES. SPOT AND DRILL HOLES. MORTISE HOLES FOR OUTSIDE TRIM, IF REQUIRED.

4. **8500 / 12-8500 04, 44, 10, 40 FUNCTIONS**

   - TRIM CYLINDER TAIL FOR 1/4" TO 1/2" PROJECTION THRU DOOR, 04 / 44 FUNCTIONS.
   - INSTALL CYLINDER ADAPTER ON CYLINDER BEFORE INSTALLING CYLINDER IN DOOR.
   - 10/40 FUNCTIONS: SAME EXCEPT NO CYLINDER.

   - CYLINDER ADAPTER
   - #34 RIM CYLINDER

**NOTE:** CYLINDER ADAPTER REQUIRED, 12-FIRE RATED DEVICES, AS SHOWN. (2) #10-24 x 1 1/4" PH #8 OV. HD. MACHINE SCREWS

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A6699N
APPLY HARDWARE

A DETERMINE CUT OFF DIMENSION “X” BY SUBTRACTING 1-1/8” FROM DIMENSION “Y”. MARK CUT OFF POINT ON MOUNTING RAIL.

• CHECK BOX LABEL. IF CUTTING IS NOT REQUIRED, PROCEED TO STEP “B”.
• IF CUTTING IS REQUIRED, CONTINUE WITH STEP “A”.

CAUTION
DO NOT CUT CLOSER THAN 3-1/2” FROM THE PIVOT PIN IN THE PUSH RAIL

B DEPRESS ARM INTO RAIL OPENING AND SLIDE RAIL ONTO CHASSIS. LEVEL RAIL AND FASTEN MOUNTING PLATE.
6. **(-53) LATCH BOLT MONITORING ADJUSTMENT**

**Note:** The latch bolt switch will come pre-set for the most common applications. If the sensitivity needs to be adjusted, follow the steps below.

1. Loosen screw and nut
2. Rotate switch (up for quicker reaction or down for slower reaction).
3. Tighten screw and nut
4. Check operation
5. Install chassis cover

**NOTE:** Make sure switch is located on the mounting post and the screw and nut are securely fastened.

7. **APPLY COVERS**

**ATTACH END CAP TO MOUNTING PLATE WITH (2) COVER SCREWS**

**ATTACH COVER THRU RAIL INTO CHASSIS WITH (2) #8-32 TRUSS HEAD SCREWS**

**ATTACH COVER TO CHASSIS WITH (2) COVER SCREWS**

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**SCREW PACKS AND MISCELLANEOUS PARTS**

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<tr>
<th>ITEM</th>
<th>QTY.</th>
<th>PART No.</th>
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<td>#10-24 x 1 1/4&quot; PHILLIPS #8 OVAL HEAD MACHINE SCREWS</td>
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<td>CYLINDER RETAINER PACK</td>
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<td>668 SHIM KIT, 1/4&quot; THICK</td>
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<td>HEX KEY DOGGING KIT</td>
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