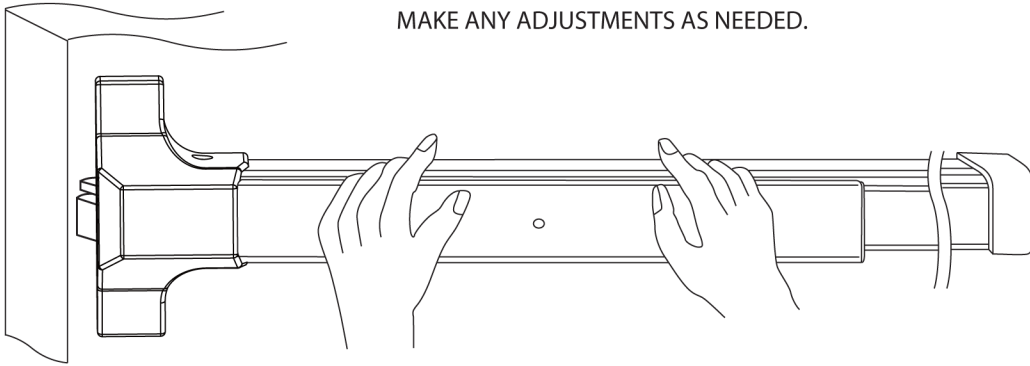


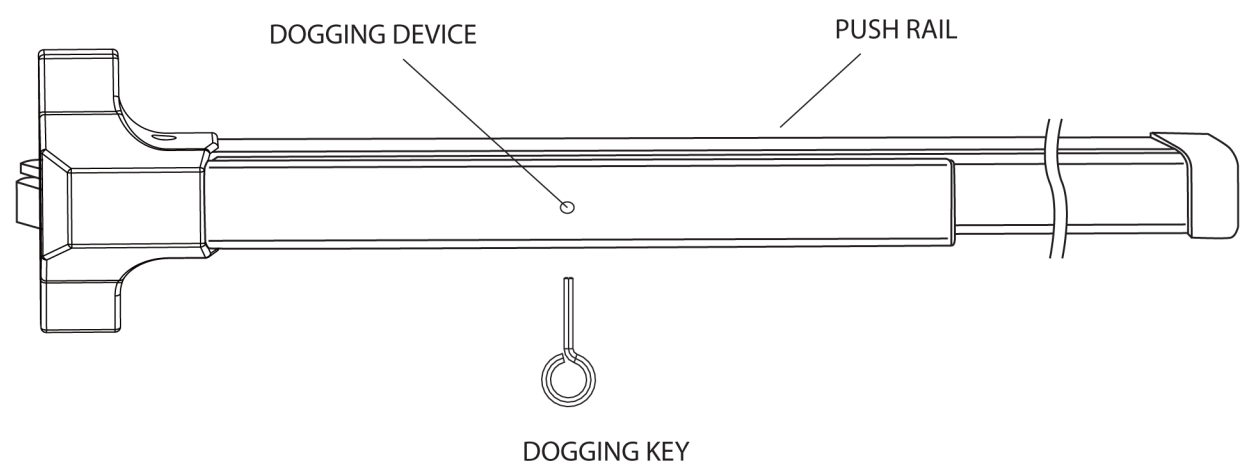
8 OPERATION TEST

PRESS DOWN THE PUSH RAIL TO MAKE SURE
THE DOOR OPENS AND CLOSES/LATCHES CORRECTLY.
MAKE ANY ADJUSTMENTS AS NEEDED.



NOTE:

TO EXTEND THE LIFE OF EXIT DEVICE,
LOCK THE LATCH IN THE RETRACTED
POSITION WHEN DOOR IS IN CONTINUOUS USE.



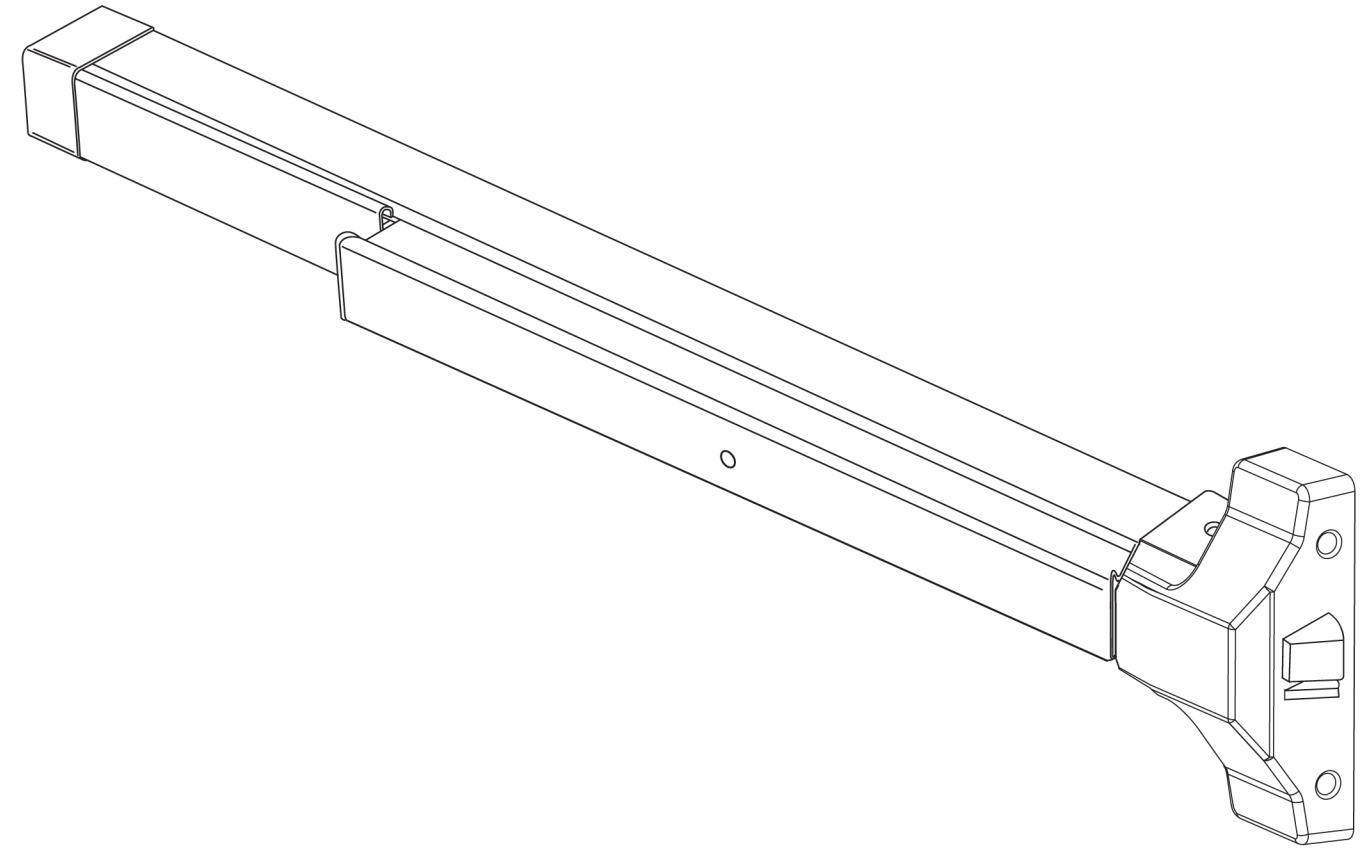
TO UNLOCK

HOLD PUSH RAIL DOWN. TURN DOGGING DEVICE
DEVICE CLOCKWISE WITH DOGGING KEY.

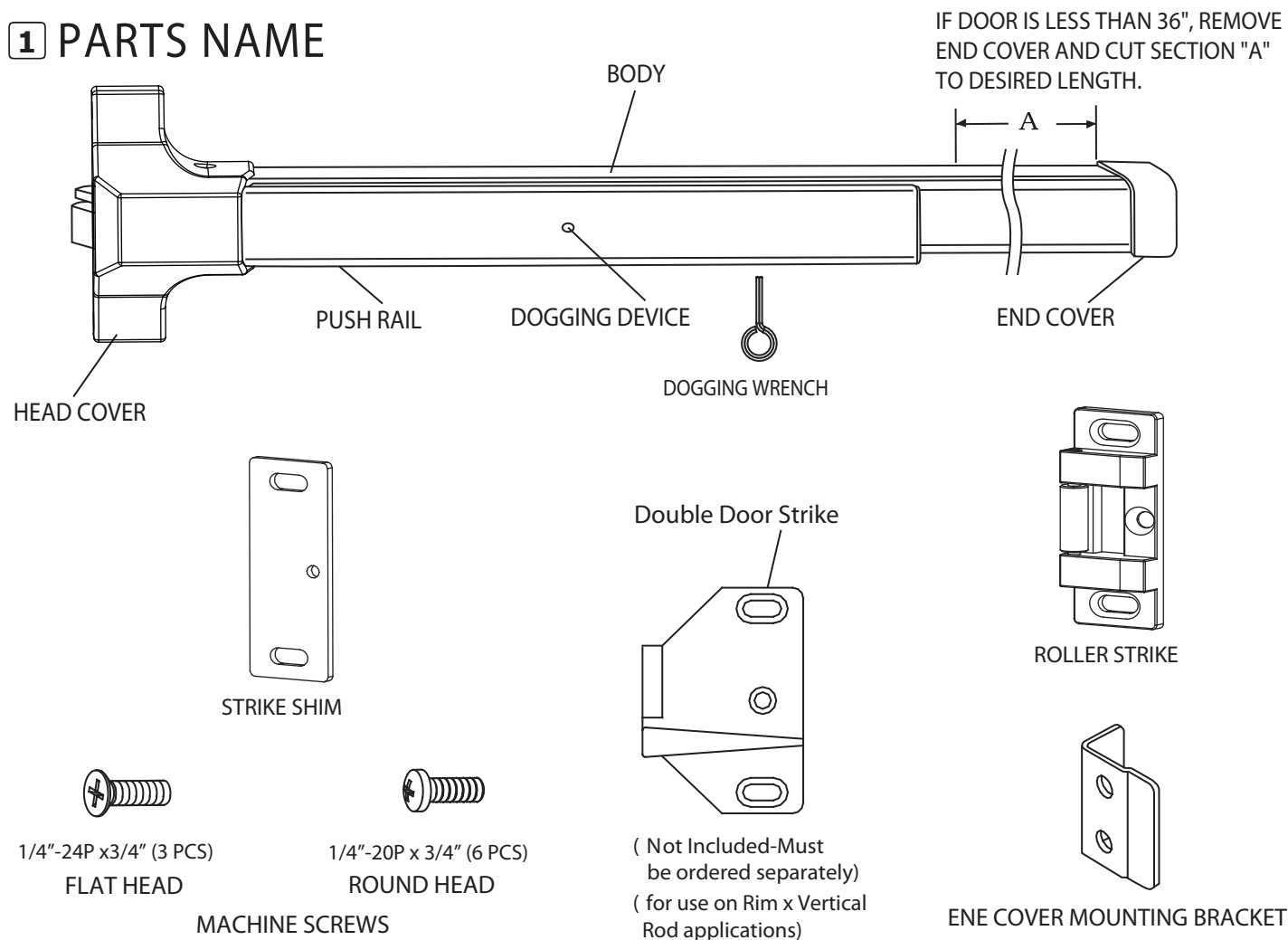
TO LOCK

HOLD PUSH RAIL DOWN. TURN DOGGING DEVICE
COUNTER CLOCKWISE WITH DOGGING KEY.

MED100 SERIES RIM TYPE EXIT DEVICE

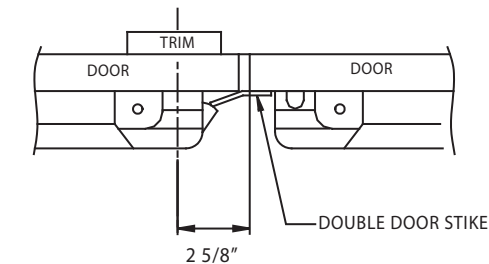


1 PARTS NAME

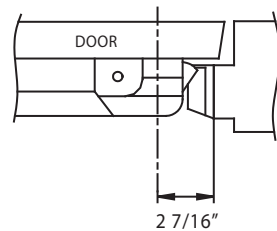


2 TYPE OF INSTALLATION

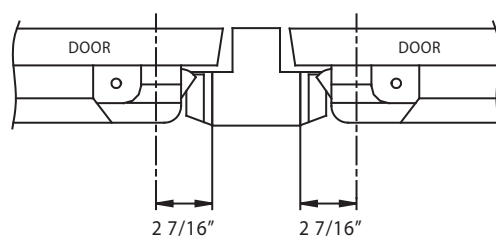
DOUBLE DOOR WITHOUT MULLION



SINGLE DOOR



DOUBLE DOOR WITH MULLION

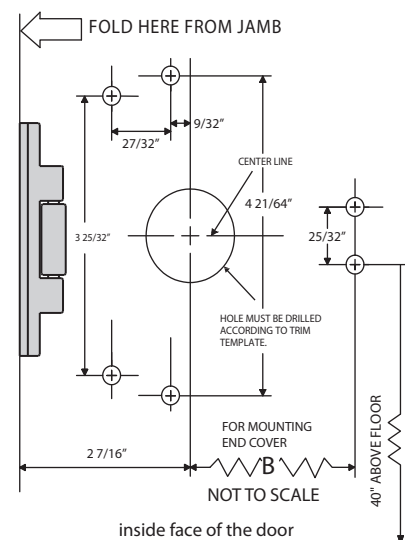
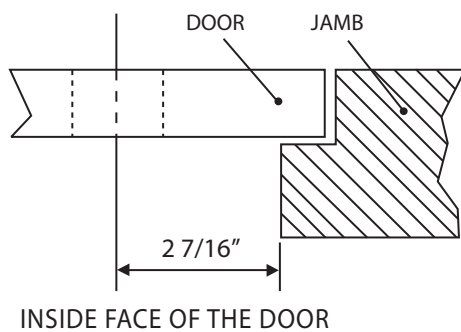


3 DRILL HOLES

1.USR TEMPLATE ENCLOSED TO MARK DOOR FACE AND DRILL HOLES SHOWN WITH THE DIAMETERS

2."B" LENGTH SHOULD BE MEASURED FROM THE CENTER OF CYLINDER HOLE TO THE END OF THE BODY

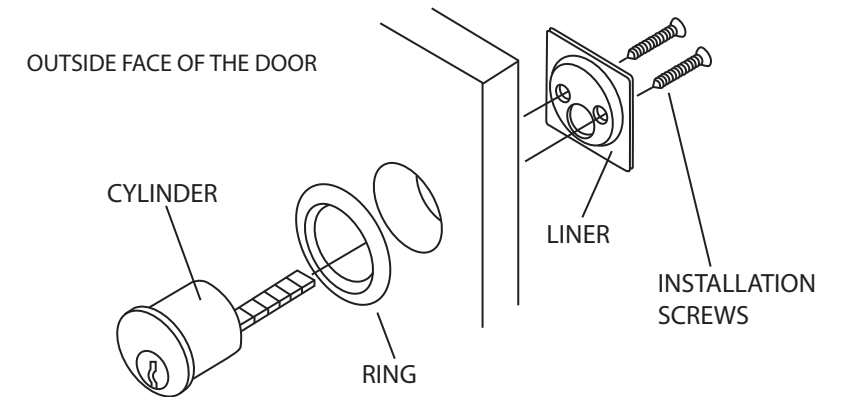
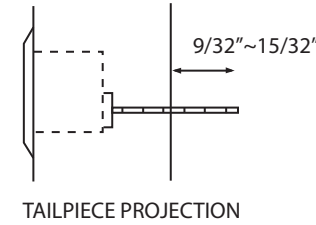
DRILL & TAP FOR (6) 1/4" X 20P MACHINE SCREWS FOR EXIT DEVICE AND DRILL & TAP FOR (3) 1/4" X 20P MACHINE SCREWS FOR ROLLER STRIKE.



4 INSTALL KEY CYLINDER

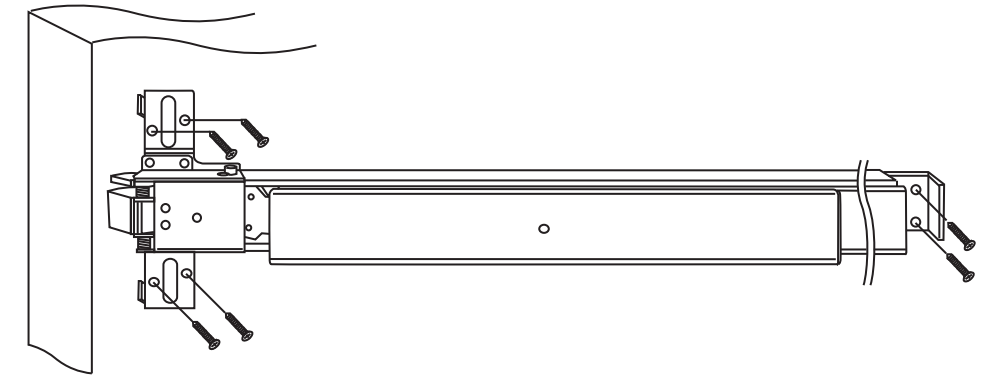
If required or skip to step 5

- 1.PLACE THE CYLINDER INTO THE HOLE ON THE DOOR
- 2.KEEP THE TAILPIECE HORIZONTAL
- 3.TIGHTEN THE SCREWS



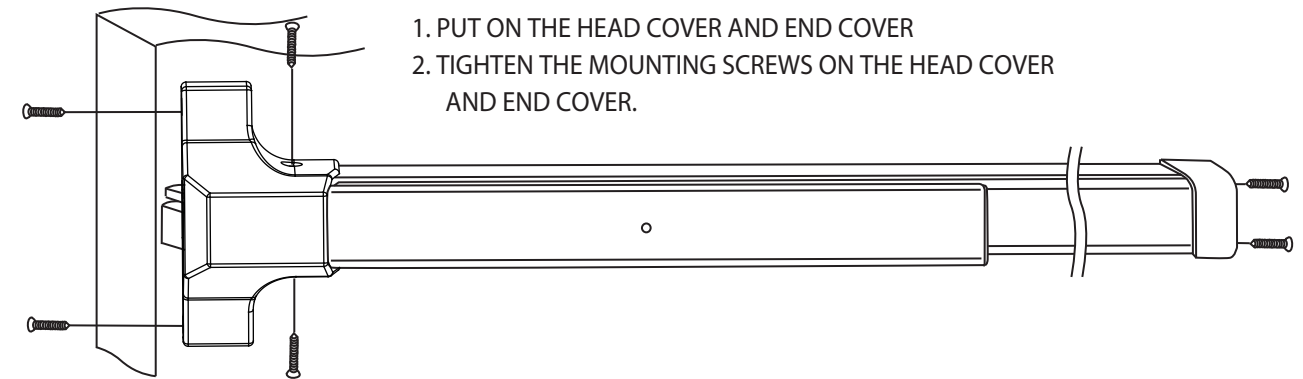
5 INSTALL BODY

- 1.REMOVE THE HEAD COVER AND THE SCREWS ON THE END COVER
- 2.ALIGN THE SCREW HOLES WITH THE HOLES ON THE DOOR
- 3.TIGHTEN THE SCREWS ON THE BODY AND THE LINING OF END COVER



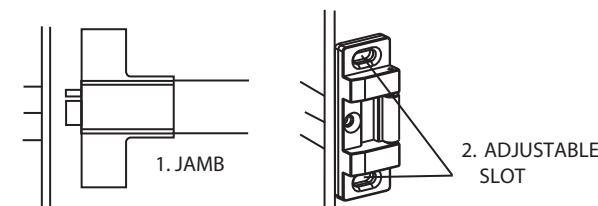
6 INSTALL BOTH HEAD AND END COVER

1. PUT ON THE HEAD COVER AND END COVER
2. TIGHTEN THE MOUNTING SCREWS ON THE HEAD COVER AND END COVER.

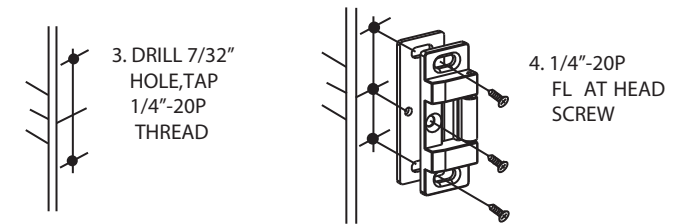


7 INSTALL ROLLER STRIKE

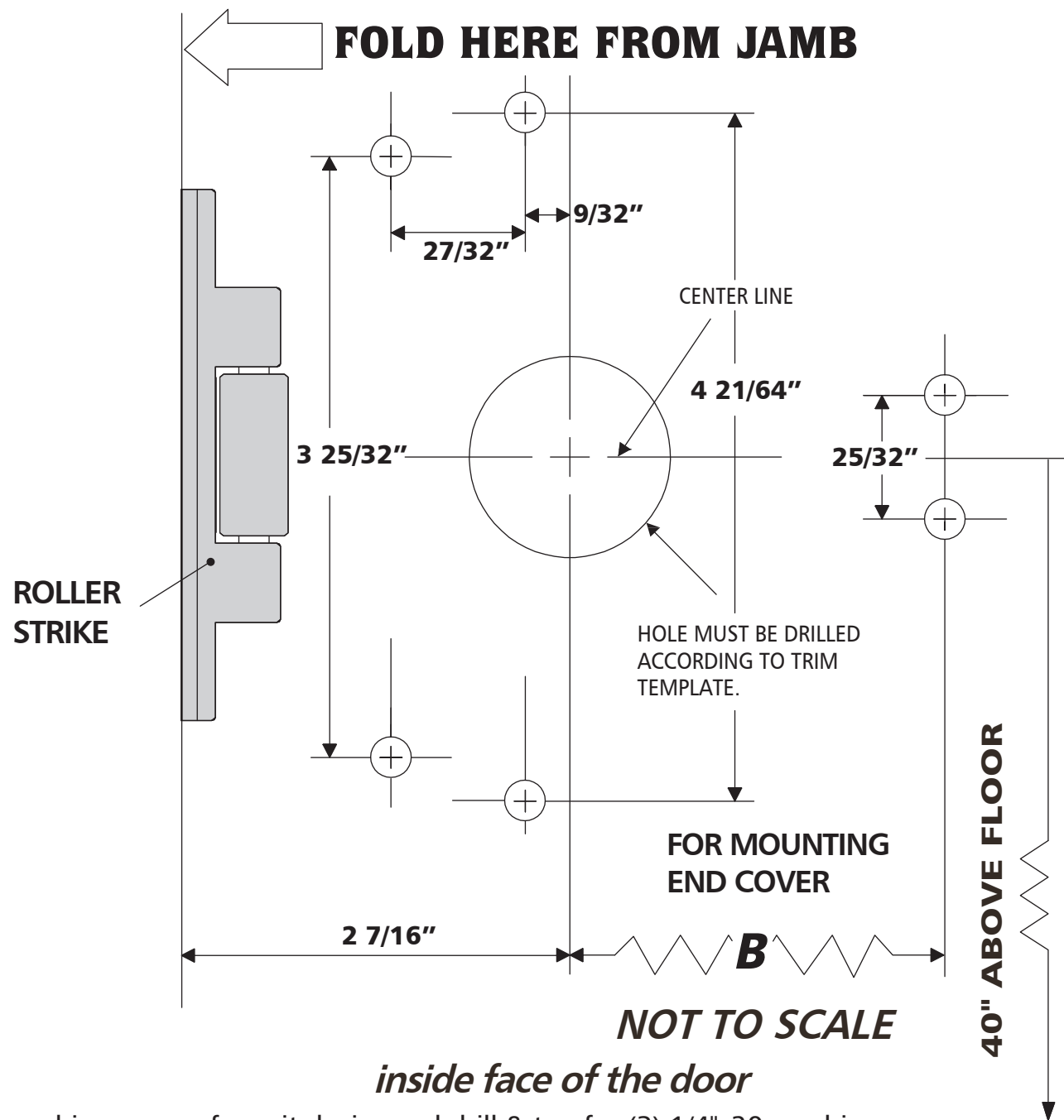
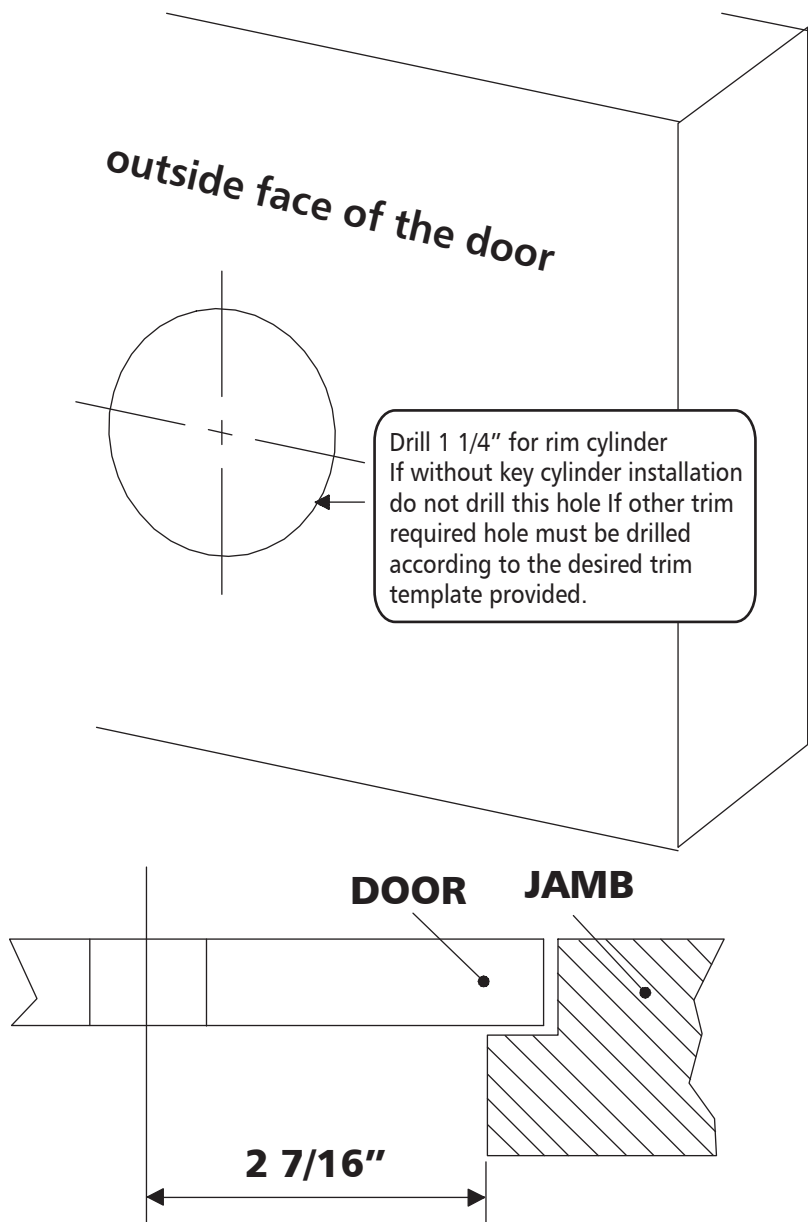
- 1.CLOSE DOOR AND MARK LATCHBOLT ON DOOR JAMB WITH A PENCIL.
- 2.PLACE ROLLER STRIKE ON DOOR JAMB. ALIGN CENTER OF ROLLER STRIKE WITH CENTER OF PENCIL MARK. THEN ALIGN OUTSIDE EDGE OF ROLLER STRIKE WITH OUTSIDE EDGE OF DOOR JAMB.



- 3.MARK IN THE CENTER OF 2 ADJUSTABLE SLOT AND DRILL 7/32" PILOT HOLE AND 1/4"-20P THREAD AT MARKED LOCATIONS THEN TIGHTEN WITH 1/4"-20P FLAT HEAD SCREWS. OPEN AND CLOSE DOOR TO CHECK IF LATCHBOLT CAN EXTEND AND RETRACT PROPERLY. ADJUST ROLLER STRIKE IF NECESSARY.
- 4.WITH THE ROLLER STRIKE IN FINAL POSITION, DRILL AT THE CENTER 7/32" PILOT HOLE AND 1/4"-20P THREAD AND TIGHTEN WITH 1/4"-20P FLAT HEAD.



TEMPLATE FOR INSTALLING PANIC EXIT DEVICE

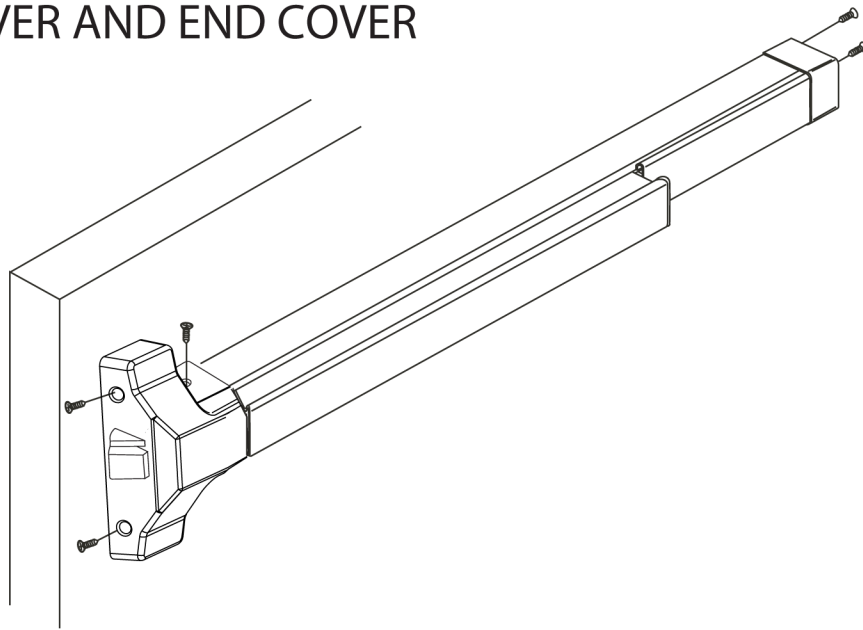


- (A) For RDC5R10 (UL Listed)-Drill & tap for (6) 1/4"x20 machine screws for exit device and drill & tap for (3) 1/4"x20 machine screws for Roller Strike
- (B) For RDA5R00 (Fire Rated)-Drill 9/32" holes inside and 3/8" holes outside for the (6) thru bolts and drill & tap for (3) 1/4"x20 machine screws for Roller Strike.

7 INSTALL HEAD COVER AND END COVER

1.PUT ON THE HEAD COVER AND END COVER.

2.TIGHTEN THE SCREWS SECURELY ON THE HEAD COVER AND THE END COVER.

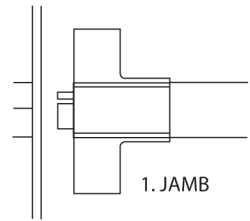


8 INSTALL ROLLER STRIKE

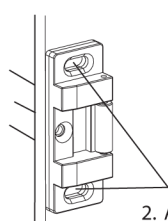
1.WITH THE DOOR IN THE CLOSED POSITION MARK THE CENTERLINE OF LATCHBOLT ON DOOR JAMB.
2.PLACE ROLLER STRIKE ON DOOR JAMB. ALIGN CENTER OF ROLLER STRIKE WITH THE LATCHBOLT CENTERLINE MARK ON THE JAMB. THEN ALIGN THE OUTSIDE EDGE OF THE ROLLER STRIKE WITH THE OUTSIDE EDGE OF THE DOOR JAMB.

3.MARK THE CENTER OF THE 2 ADJUSTABLE SLOTTED HOLES AND DRILL 7/32" PILOT HOLES. TAP PILOT HOLES WITH 1/4"-20 THREADS AND INSTALL MACHINE SCREWS. OR INSTALL SELF TAPPING MACHINE SCREWS OR WOOD SCREWS IN PILOT HOLES.CLOSE DOOR TO CHECK IF LATCHBOLT EXTENDS PROPERLY, ADJUST ROLLER STRIKE IF NECESSARY.

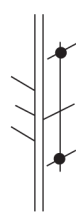
4.WITH ROLLER STRIKE IN FINAL POSITION, DRILL A 7/32" PILOT HOLE FOR THE CENTER MOUNTING HOLE. TAP PILOT HOLE WITH 1/4"-20 THREADS AND INSTALL MACHINE SCREW. OR INSTALL SELF TAPPING MACHINE SCREW OR WOOD SCREW IN PILOT HOLE.



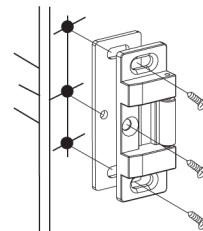
1. JAMB



2. ADJUSTABLE SLOT



3. DRILL 7/32" HOLE,TAP 1/4"-20P THREAD

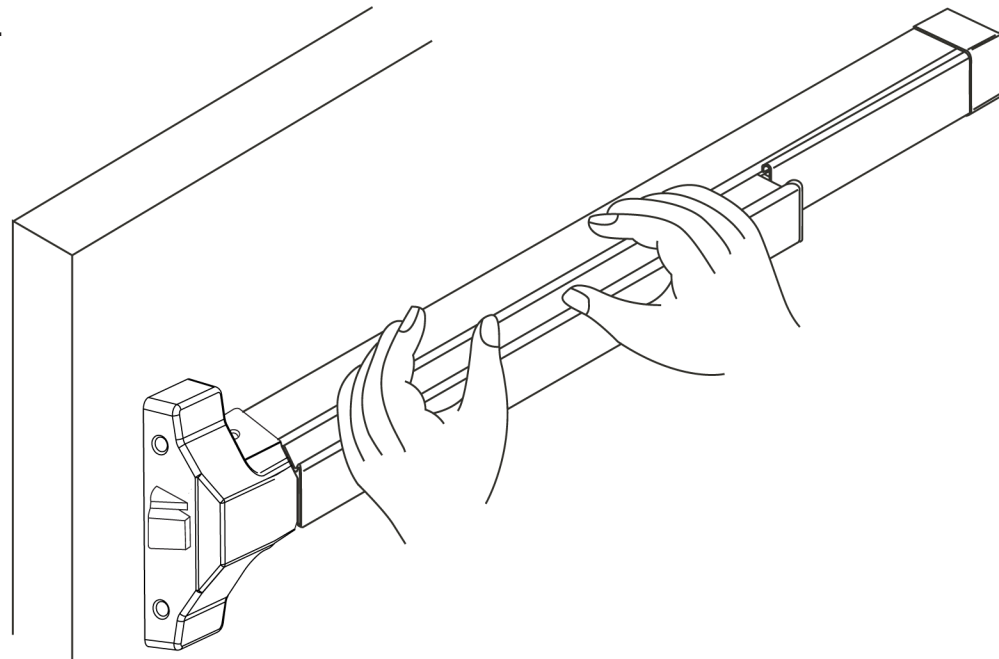


4. 1/4"-20P FLAT HEAD SCREW

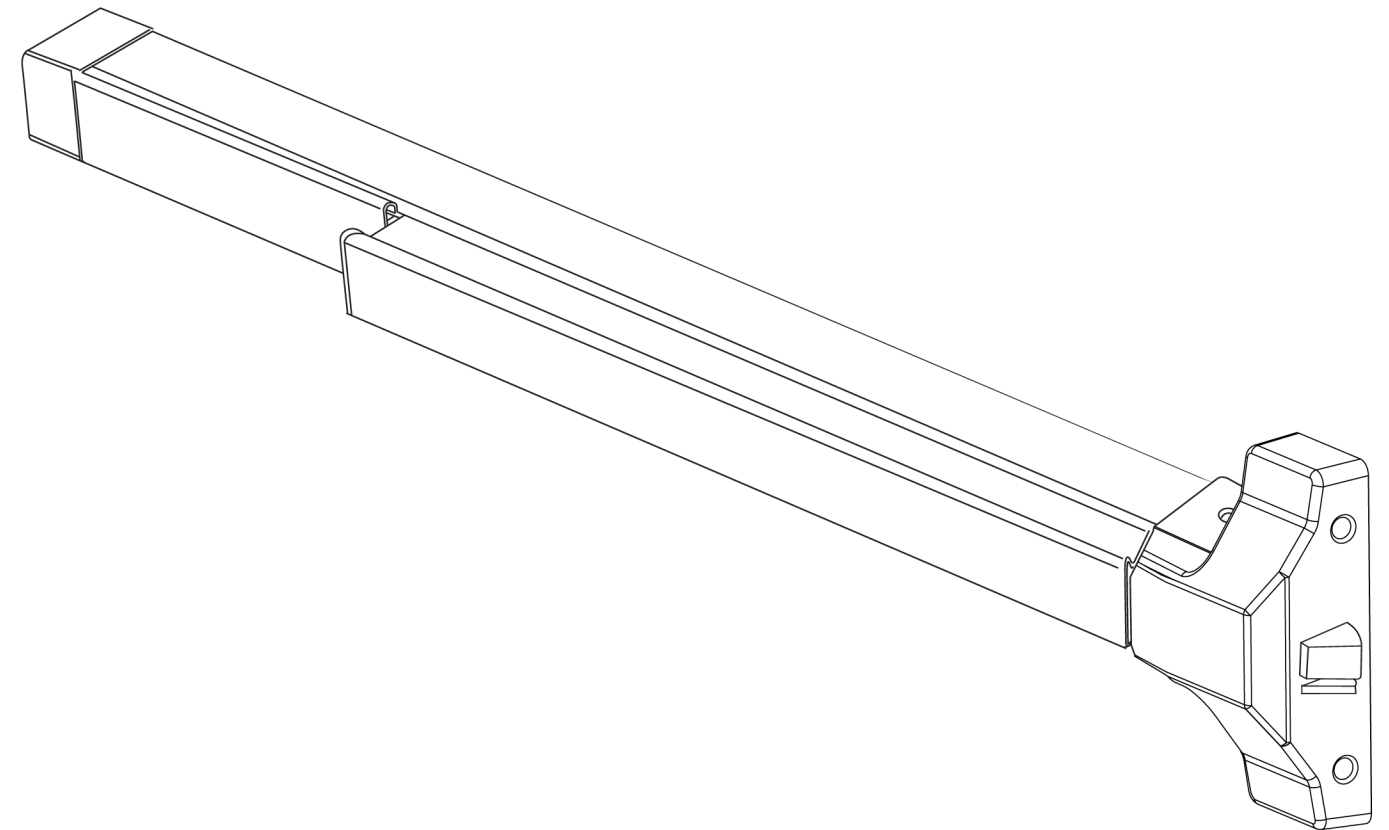
NOTE: INSTALL STRIKE SHIM UNLESS THE EXIT DEVICE HEAD COVER RUBS THE ROLLER STRIKE. THEN REMOVE THE STRIKE SHIM TO GAIN ADDITIONAL CLEARANCE.

9 OPERATION TEST

PRESS DOWN THE PUSH RAIL. OPEN AND CLOSE DOOR A FEW TIMES AFTER INSTALLATION COMPLETED

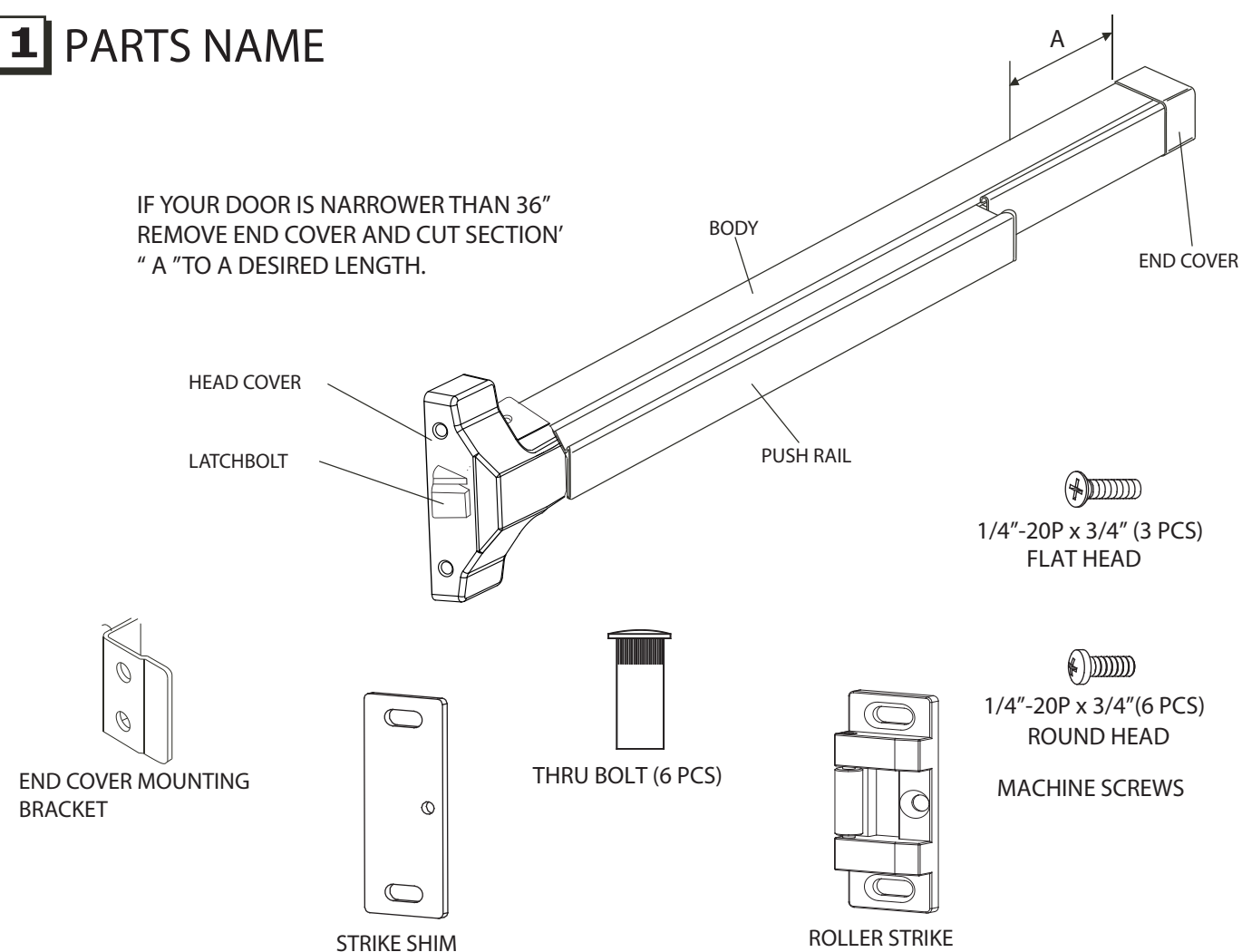


MED 100F SERIES RIM TYPE EXIT DEVICE WITH FIRE RATING

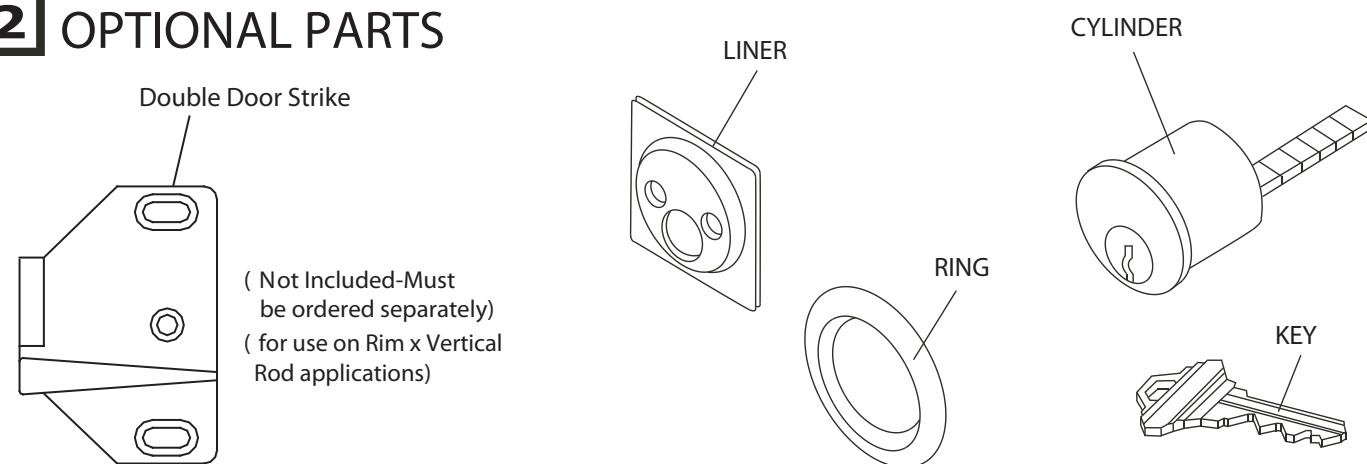


1 PARTS NAME

IF YOUR DOOR IS NARROWER THAN 36"
REMOVE END COVER AND CUT SECTION'
" A "TO A DESIRED LENGTH.

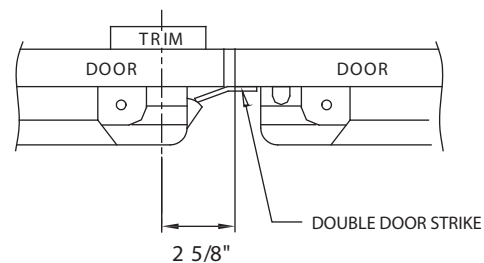


2 OPTIONAL PARTS

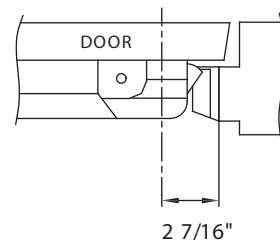


3 TYPE OF INSTALLATION

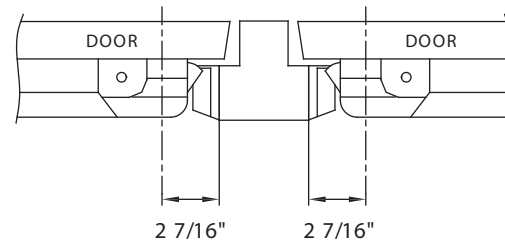
DOUBLE DOOR WITHOUT MULLION



SINGLE DOOR



DOUBLE DOOR WITH MULLION

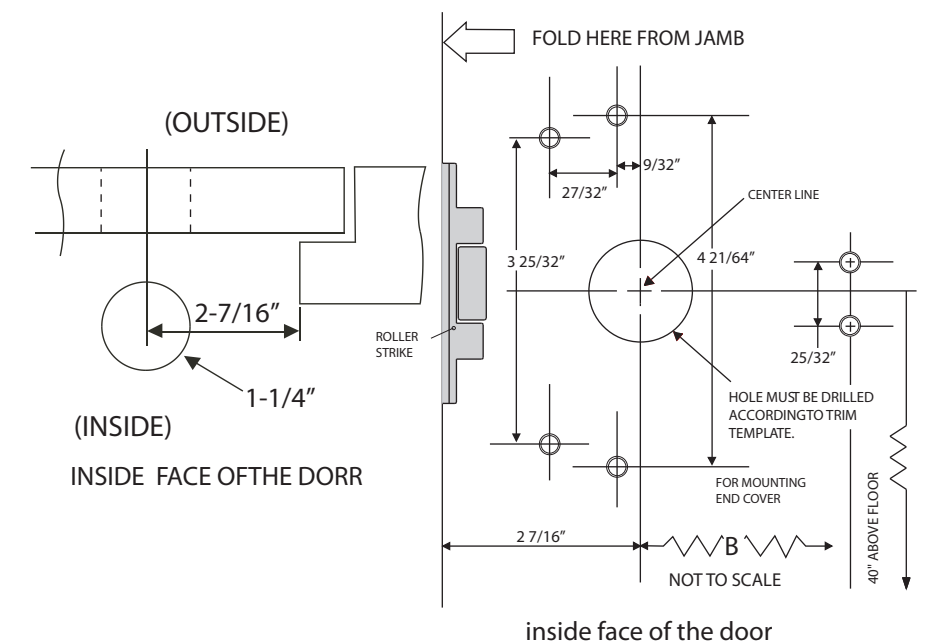


4 DRILL HOLES

1. USE TEMPLATE ENCLOSED TO MARK DOOR FACE AND DRILL HOLES WITH THE DIAMETERS SHOWN.

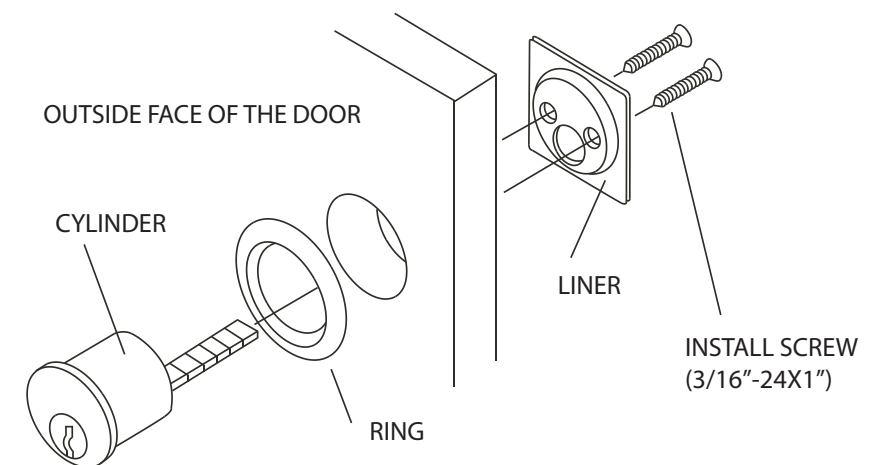
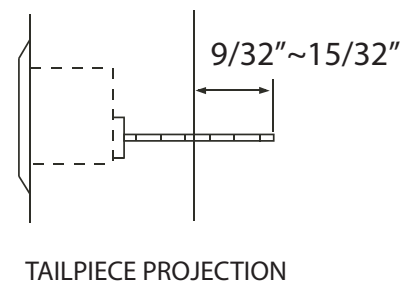
2. "B" LENGTH SHOULD BE MEASURED FROM THE CENTER OF CYLINDER HOLE TO THE END OF THE BODY.

Drill 9/32" holes inside and 3/8" holes outside for the (6) thru bolts and drill & tap for (3) 1/4"x20 machine screws for the Roller Strike.



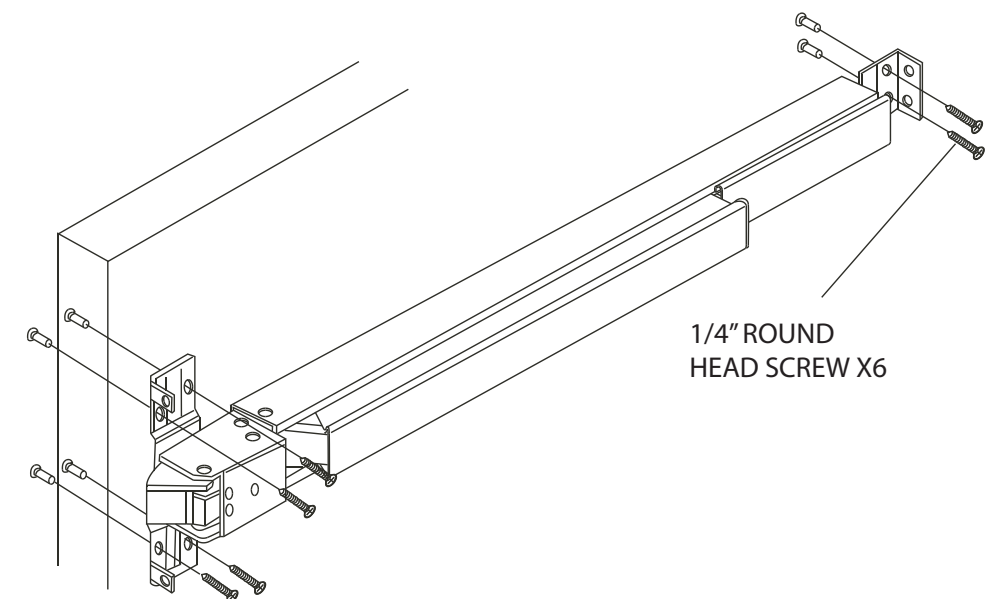
5 INSTALL CYLINDER (IF REQUIRED)

1. PLACE THE CYLINDER INTO THE HOLE ON THE DOOR
2. KEEP THE TAILPIECE HORIZONTAL
3. TIGHTEN THE SCREWS

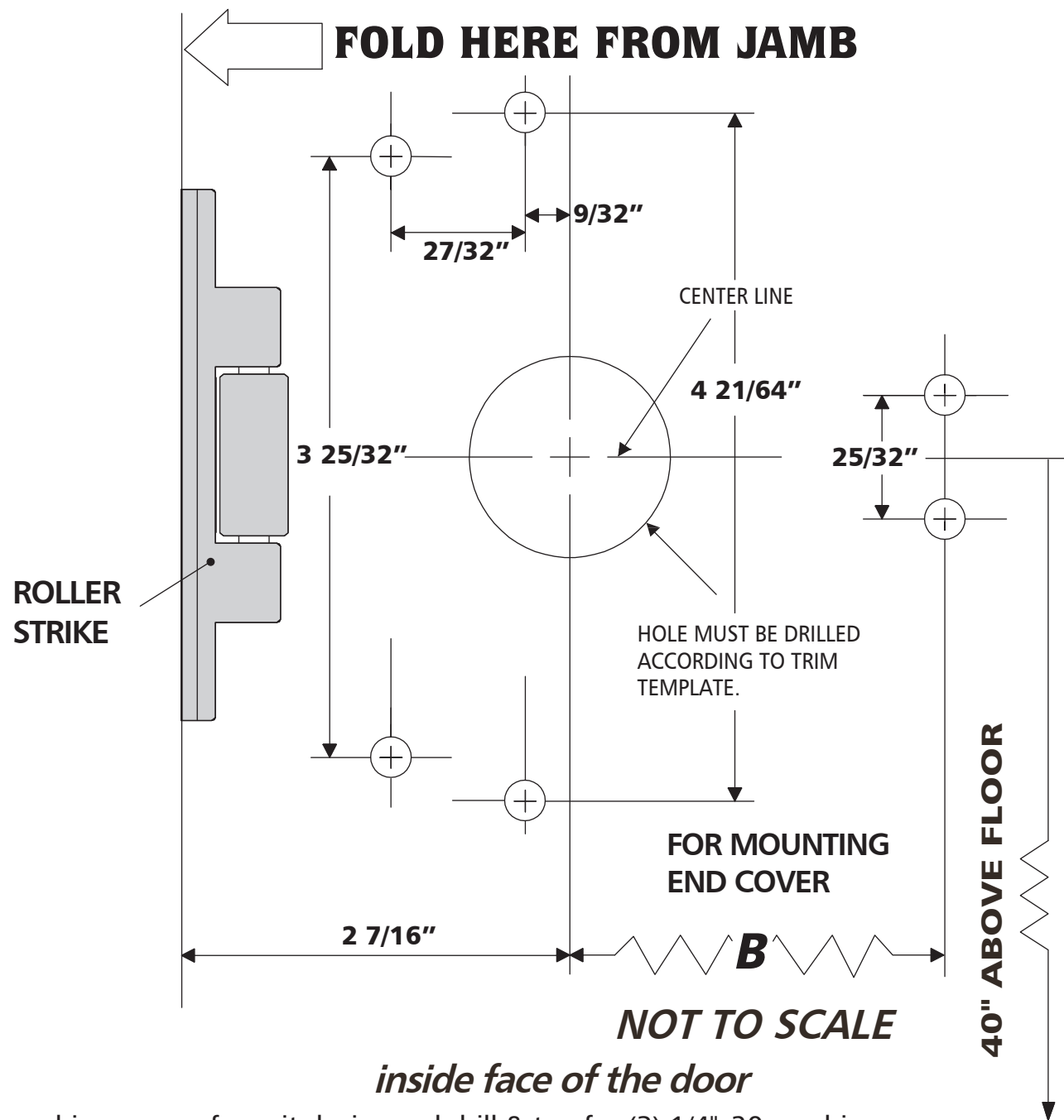
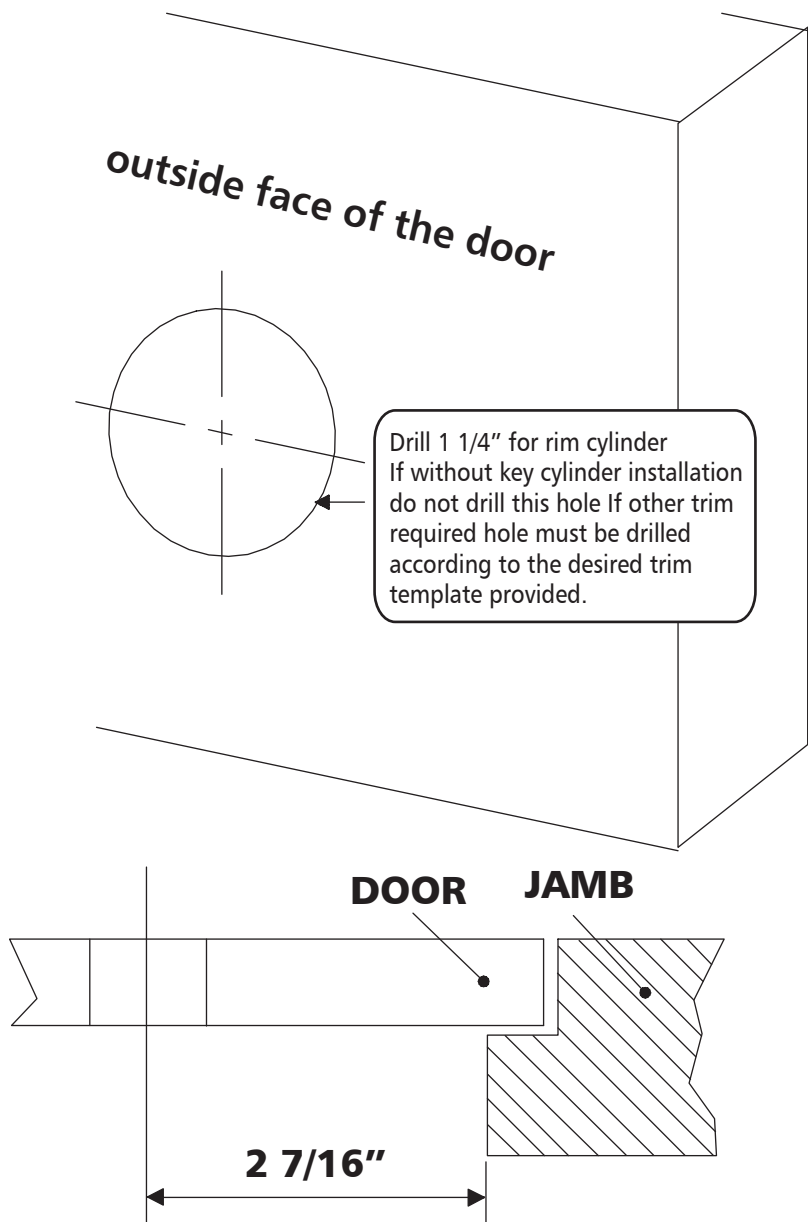


6 INSTALL BODY

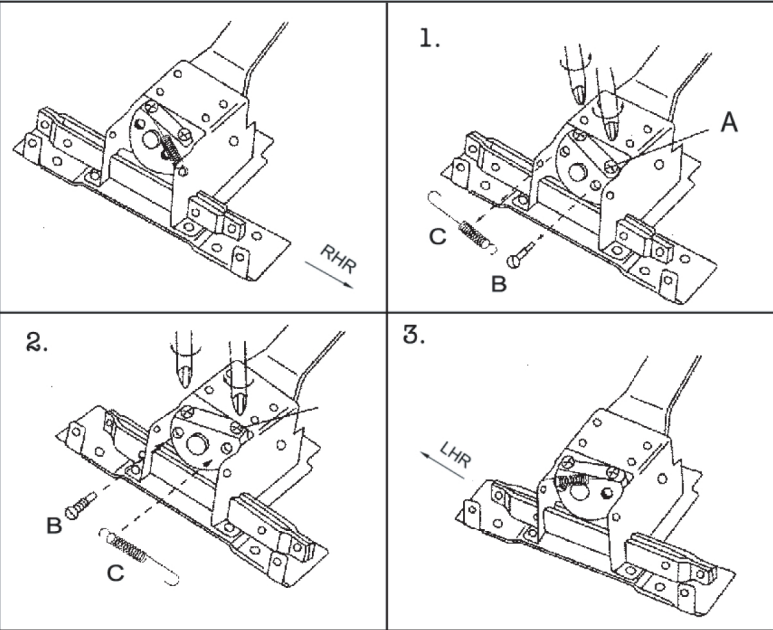
1. REMOVE THE HEAD COVER AND END COVER.
2. ALIGN THE SCREW HOLES ON THE BODY WITH THE HOLES ON THE DOOR.
3. INSERT SCREW BOLT (6PCS) 3/8" FROM OUTSIDE OF THE DOOR THEN TIGHTEN THE 1/4" ROUND HEAD SCREW (6PCS) FROM INSIDE OF THE DOOR ON THE BODY AND THE MOUNTING PLATE OF END COVER.



TEMPLATE FOR INSTALLING PANIC EXIT DEVICE



- (A) For RDC5R10 (UL Listed)-Drill & tap for (6) 1/4"x20 machine screws for exit device and drill & tap for (3) 1/4"x20 machine screws for Roller Strike
- (B) For RDA5R00 (Fire Rated)-Drill 9/32" holes inside and 3/8" holes outside for the (6) thru bolts and drill & tap for (3) 1/4"x20 machine screws for Roller Strike.

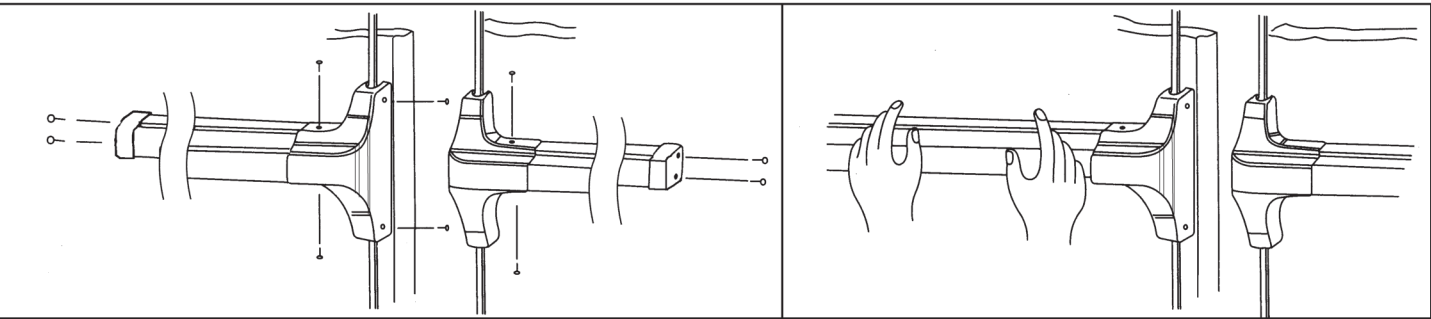


7 : INSTALL BOTTOM LATCH UNIT

- 1.ALIGN VERTICAL CENTER LINE OF BOTTOM LATCH UNIT AND LOWER CONNECTING TUBE AS SHOWN ON TEMPLATE MARK DOOR AS INDICATED ON TEMPLATE(B).

NOTE:BE SURE THE DISTANCE FROM THE BOTTOM SIDE DOOR TO THE BOTTOM OF LATCH IS 12/32".

- 2.TIGHTEN SCREWS TO INSTALL BOTTOM LATCH UNIT.



8 : INSTALL AND ADJUST UPPER CONNECTING TUBE

- 1.KEEP THE END OF THE TUBE WITH THE THREADED INSERT UPWARD TO CONNECT IT WITH THE THREADED BOLT IN THE TOP LATCH UNIT.
- 2.CONNECT THE OTHER END OF THE TUBE TO THE INTERNAL MECHANISM OF THE HEAD ASSEMBLY BY INSERTING THE CONNECTING PIN INTO THE HOLES.
- 3.TURN AND ADJUST UPPER CONNECTING TUBE UNTIL TOP LATCH UNIT RETRACTS PROPERLY AND THEN INSERT THE FIXED PIN.

9 : INSTALL AND ADJUST LOWER CONNECTING TUBE

- 1.KEEP THE END OF THE TUBE WITH THE THREADED INSERT DOWNWARD TO CONNECT IT WITH THE THREADED BOLT IN THE BOTTOM LATCH UNIT.
- 2.CONNECT THE OTHER END OF THE TUBE TO THE INTERNAL MECHANISM OF THE HEAD ASSEMBLY BY INSERTING THE CONNECTING PIN INTO THE HOLES.
- 3.CONNECT BOLT LOWER BOX WITH LOWER CONNECTING TUBE. THEN, DEPRESS PUSH RAIL TO CHECK FOR PROPER RETRACTION. DO NOT LET BOLT IN LOWER TOECH FLOOR WHILE DEPRESSING PUSH RAIL

10 : INSTALL FLOOR STRIKE

- 1.LET THE BOLT IN THE LOWER BOTTOM LATCH ASSEMBLY TOUCH THE FLOOR AND MARK ON FLOOR.
- 2.DRILL A 5/8" DIA, 1" DEEP HOLE.
- 3.LET THE BOLT IN THE LOWER BOTTOM LATCH ASSEMBLY INSERT INTO THE CENTER HOLE OF FLOOR STRIKE AND MARK 3 ANCHOR / SCREW HOLES ON FLOOR.
- 4.DRILL 3 ANCHOR / SCREW HOLES, 1/4" DIA , 1 1/8" DEEP.
- 5.HAMMER 3 ANCHORS INTO 3 ANCHOR / SCREW HOLES.TIGHTEN UP 3 SCREWS.

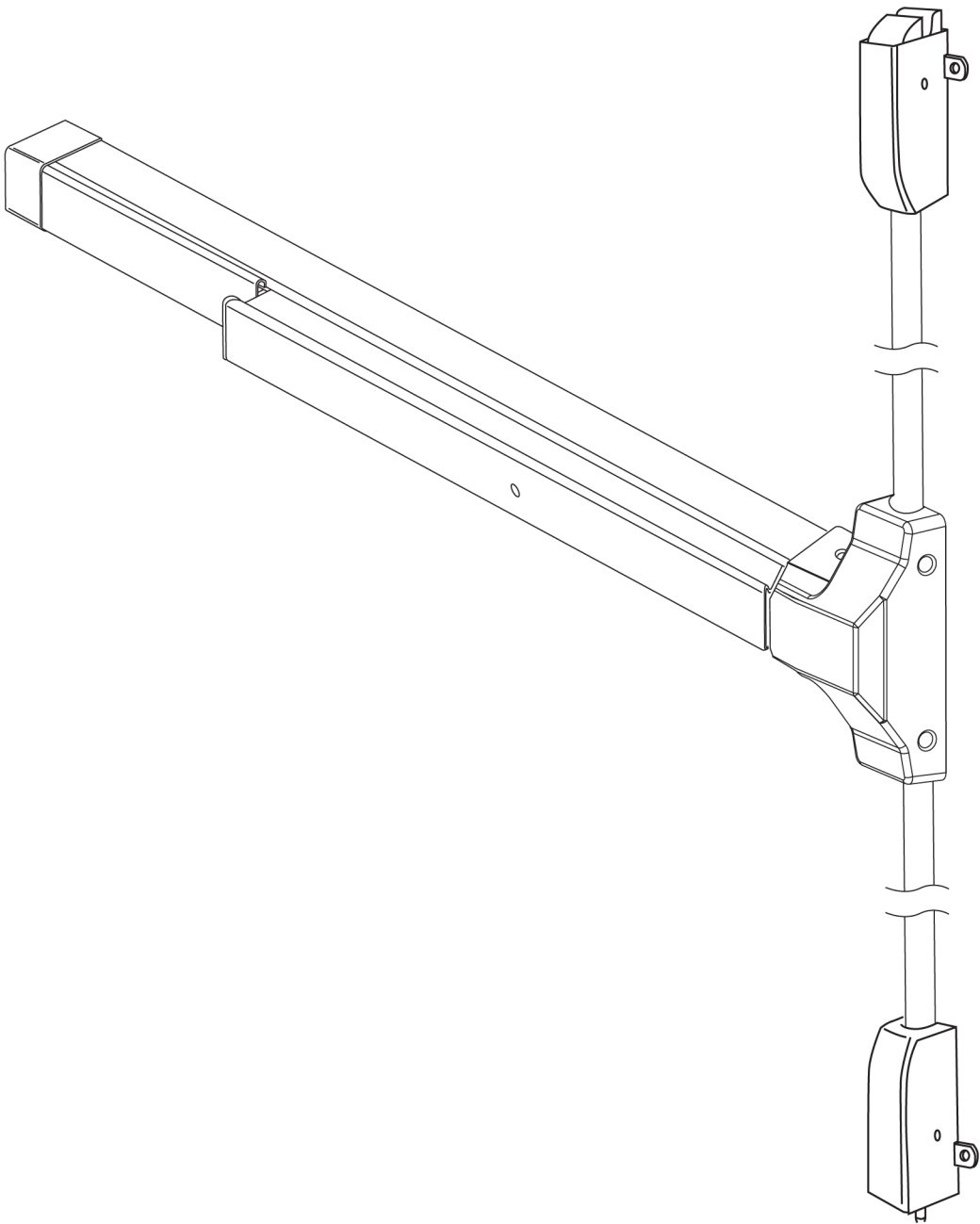
11 : TEST PUSH RAIL AND DOGGING OPERATION

- 1.THE TOP LATCH UNIT SHOULD ENGAGE THE TOP STRIKE AND THE BOTTOM LATCH UNIT SHOULD ENGAGE THE FLOOR STRIKE WHEN THE DOOR IS CLOSED.IF THE DOOR CAN BE PUSHED OPEN WITHOUT DEPRESSING THE PUSH RAIL, THE UPPER CONNECTING TUBE HAS BEEN OVER ADJUSTED. ADJUST IT AS NEEDED.
- 2.THE TOP AND BOTTOM LATCH UNIT SHOULD DISENGAGE FROM THE STRIKES FREELY WHEN THE PUSH RAIL IS DEPRESSSED OR DOGGED DOWN. IF THEY DO NOT DISENGAGE, ADJUST THE UPPER CONNECTORS AS NEEDED AND RETEST FOR PROPER OPERATION.

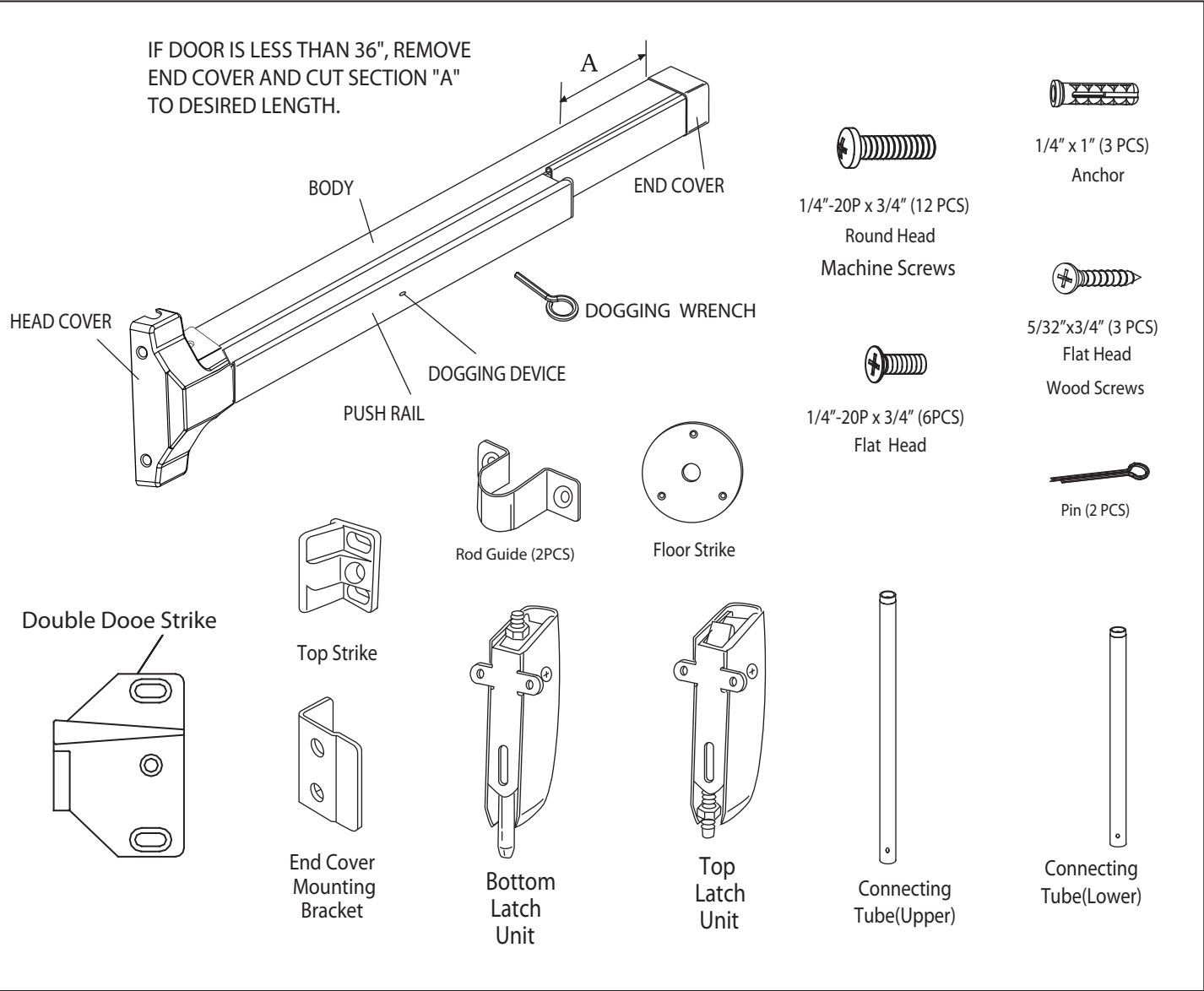
12 : INSTALL TWO ROD GUIDES

- 1.TAKE THE APPROXIMATELY MIDDLE OF UPPER AND LOWER CONNECTING TUBE.
- 2.TIGHTEN SCREWS TO INSTALL ROD GUIDES.

MED200 SERIES VERTICAL ROD TYPE EXIT DEVICE

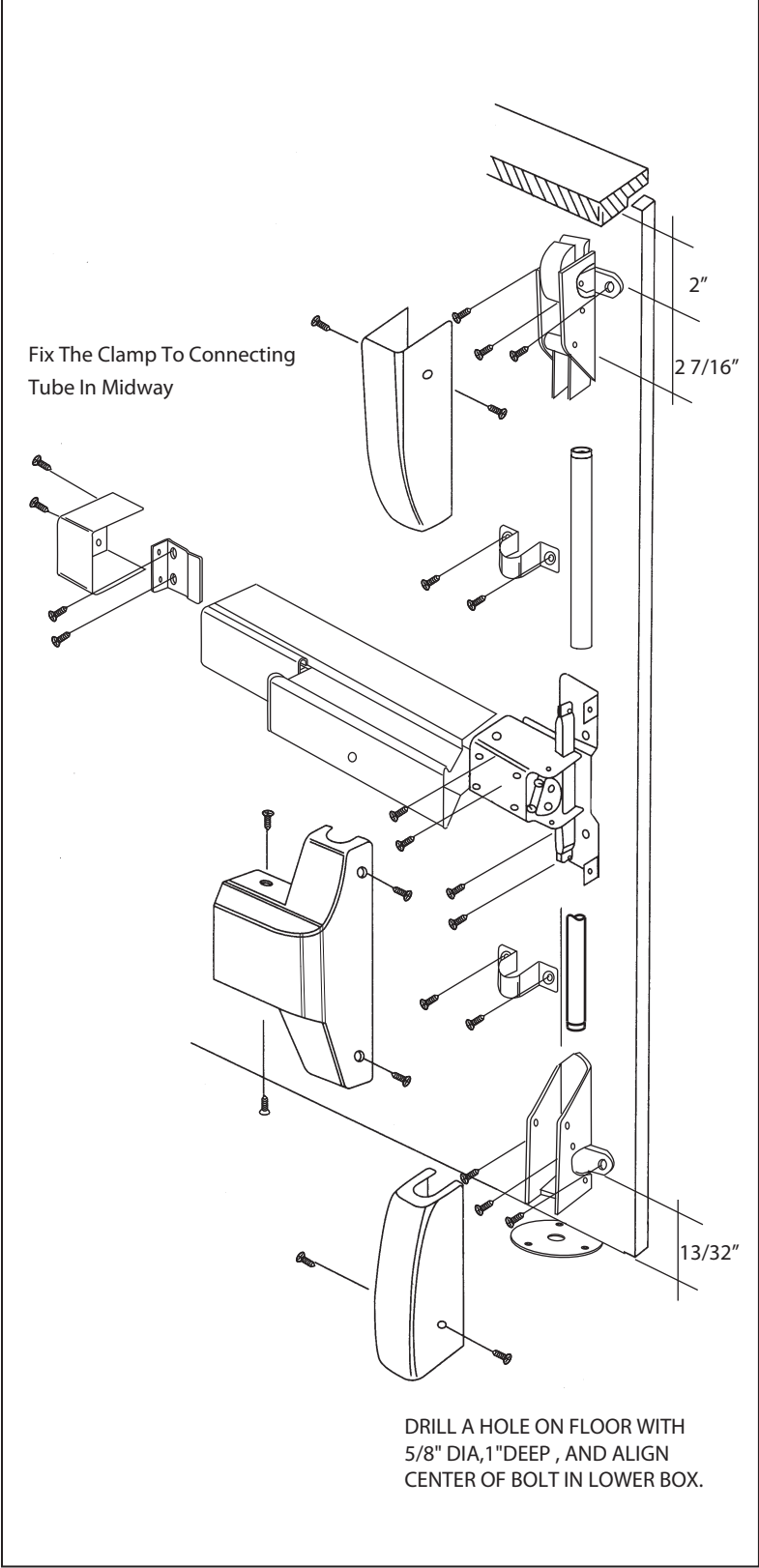
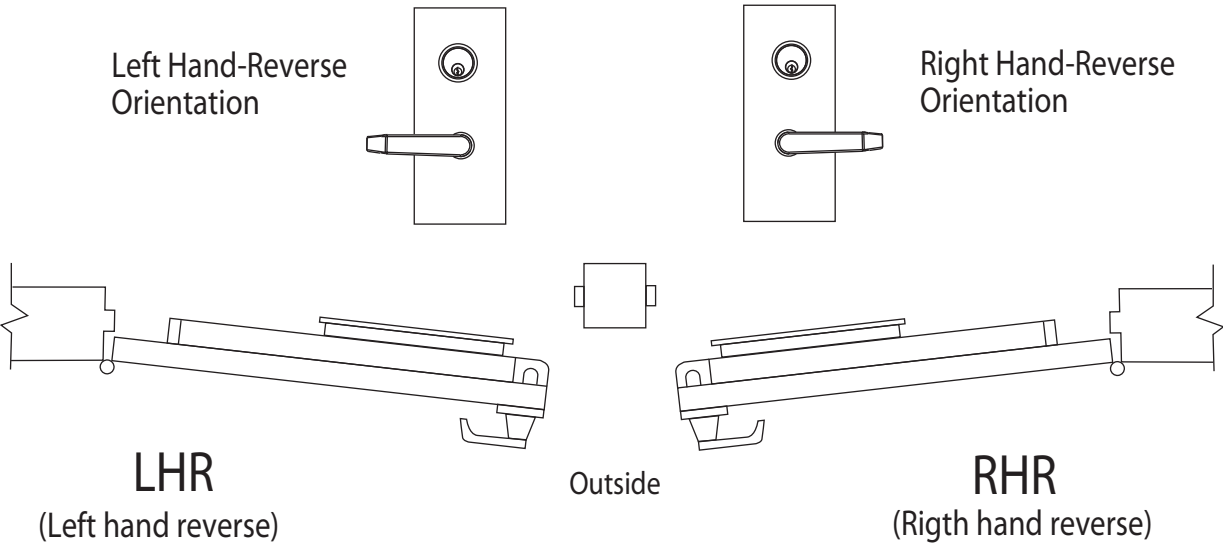


PARTS NAME



DOOR HANDING

Note: If door is LHR , please refer to step 6



1 : CENTER LINE ON DOOR
MARK CENTER LINE ON INSIDE OF DOOR. HAVE THE HORIZONTAL CENTER LINE OF THE DEVICE BY DRAWING A LINE ACROSS HE DOOR 40" FROM FLOOR LINE.

2 : DOOR AND DRILL HOLES
1.FOLD AND APPLY TEMPLATE (A) TO EDGE OF DOOR AND MARK DOOR AS INDICATED ON TEMPLATE (A).
2.DRILL HOLES A X 6 THE DIAMETERS AS INDICATED ON TEMPLATE (A)

3 : INSTALL DEVICE BODY
1.LOOSEN SCREWS AND REMOVE HEAD COVER AND END COVER.
2.ALIGN HOLES OF HEAD WITH THE HOLES ON THE DOOR AND TIGHTEN SCREWS.

4 : INSTALL TOP STRIKE
1.ALIGN VERTICAL CENTER LINE OF TOP STRIKE AND UPPER CONNECTING TUBE AS SHOWN ON TEMPLATE (B). MARK DOOR AS INDICATED ON TEMPLATE (B).
2.TIGHTEN SCREWS TO INSTALL TOP STRIKE WITH PROPER ADJUSTMENT.

5 : INSTALL TOP LATCH UNIT
1. ALIGN VERTICAL CENTER LINE OF TOP LATCH UNLT AND UPPER CONNECTING TUBE AS SHOWN ON TEMPLATE (B). MARK DOOR AS INDICATED ON TEMPLATE (B).
NOTE: BE SURE THE DISTANCE FROM DOOR FRAME TO LINE W MUST BE 2"
2.TIGHTEN SCREWS TO INSTALL TOP LATCH UNLT.

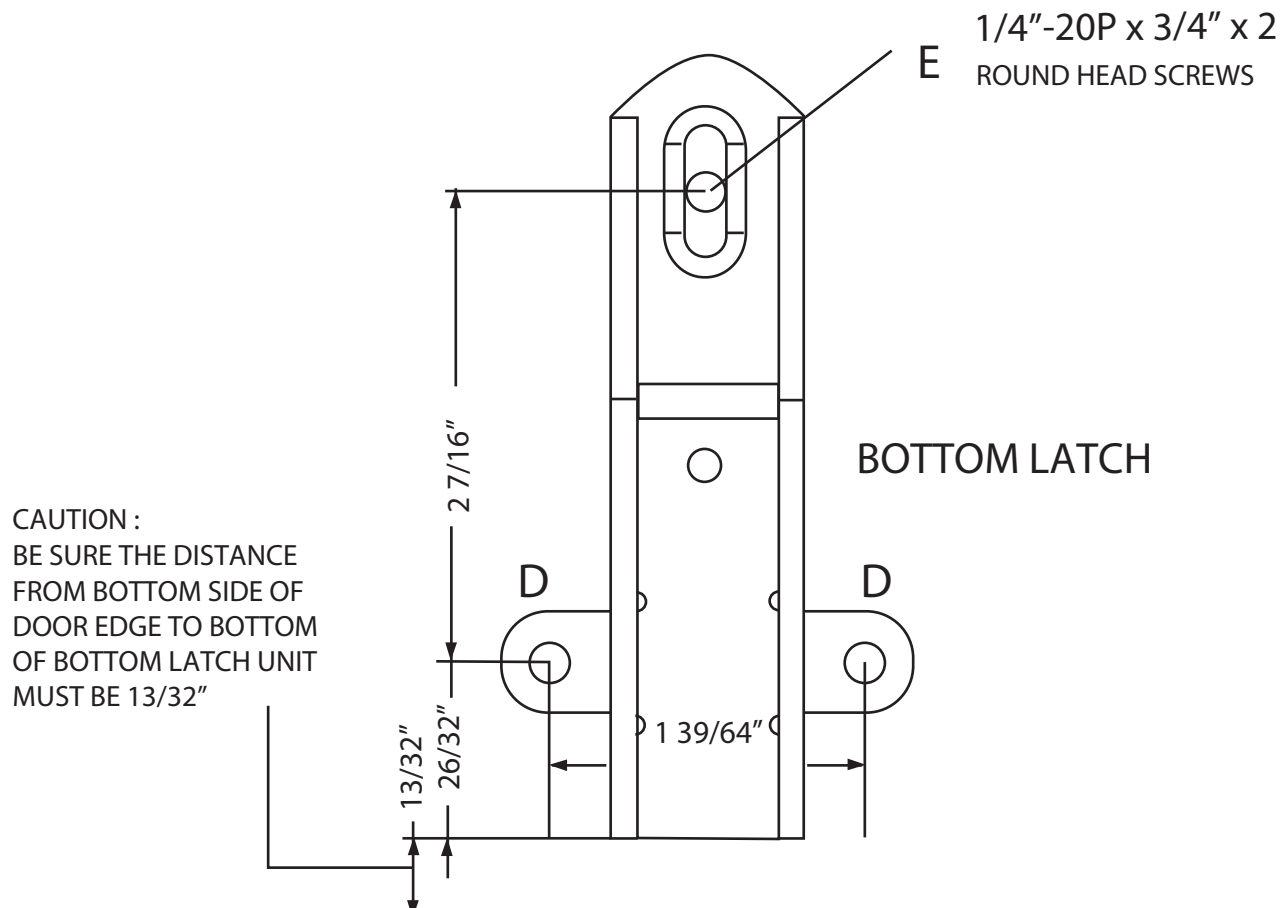
6 : CHANING HANDING OF DEVICE
HANDING OF DEVICE IS PRESET FOR RHR. TO CHANGE HANDING OF DEVICE, FOLLOW STEPS SHOWN.
1.LOOSEN SCREWS 'A' AND REMOVE SCREW 'B' AND SPRING 'C'.
2.REVERSE THE POSTIONS OF SCREW 'B' AND SPRING 'C' AND THEN TIGHTEN SCREW 'A'.
3.THE DEVICE IS NOW SET FOR LHR.

TEMPLATE(B-2)

- (A) For RDC5V10 Series (UL Listed)-Drill & tap for (6) 1/4"-20P x 3/4" machine screws (4xD,2xE) for latches.
- (B) For RDA5V00 Series (Fire Rated)-Drill 9/32" holes (4xD,2xE) inside and 3/8" holes (4xD,2xE) outside for the (6) thru bolts.

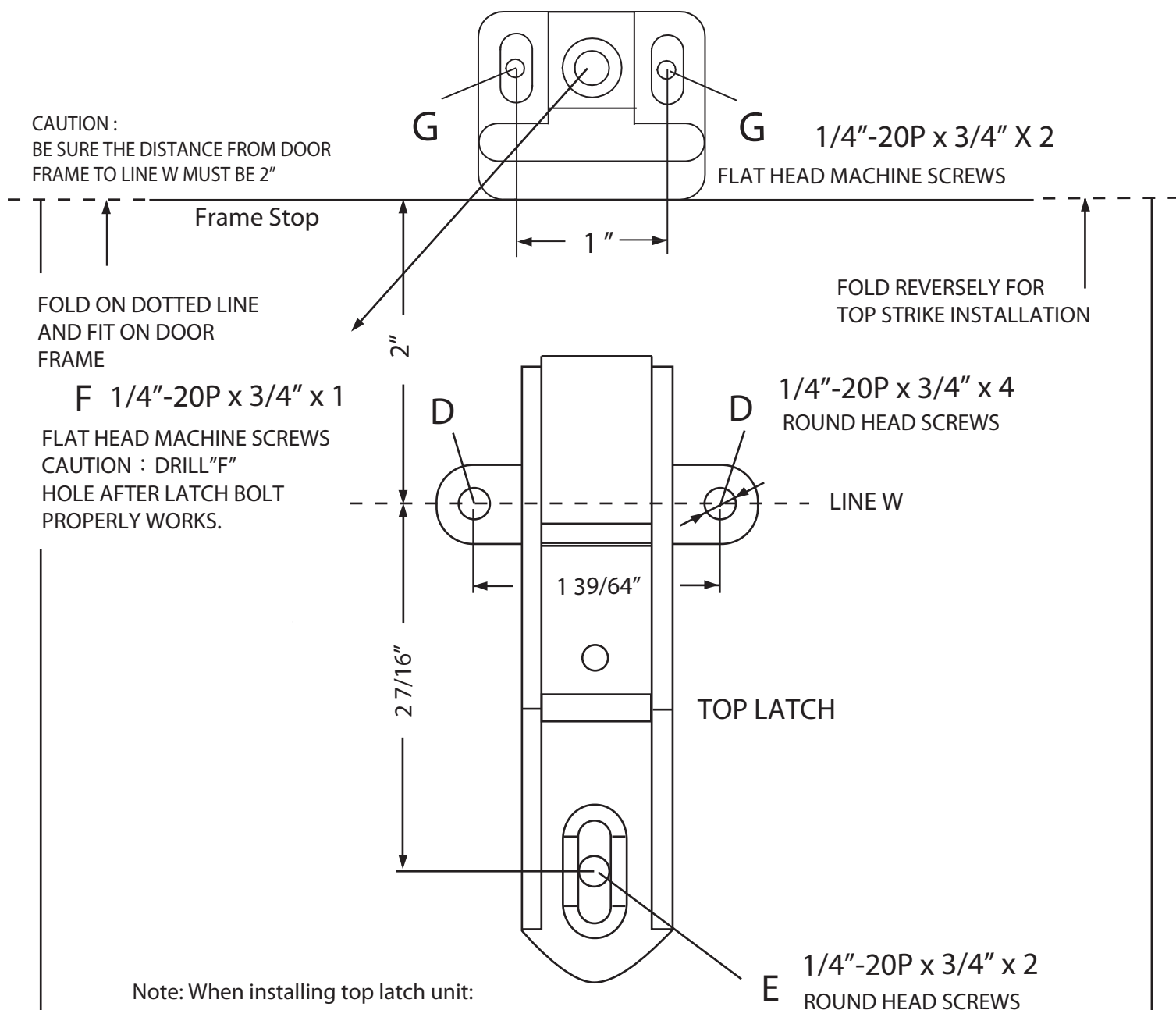
Note: When installing top latch unit:

1. Drill (1) E hole and install screw but do not tighten all the way.
2. Drill (2) D holes and install and tighten screws.
3. Tighten screw in hole E all the way.



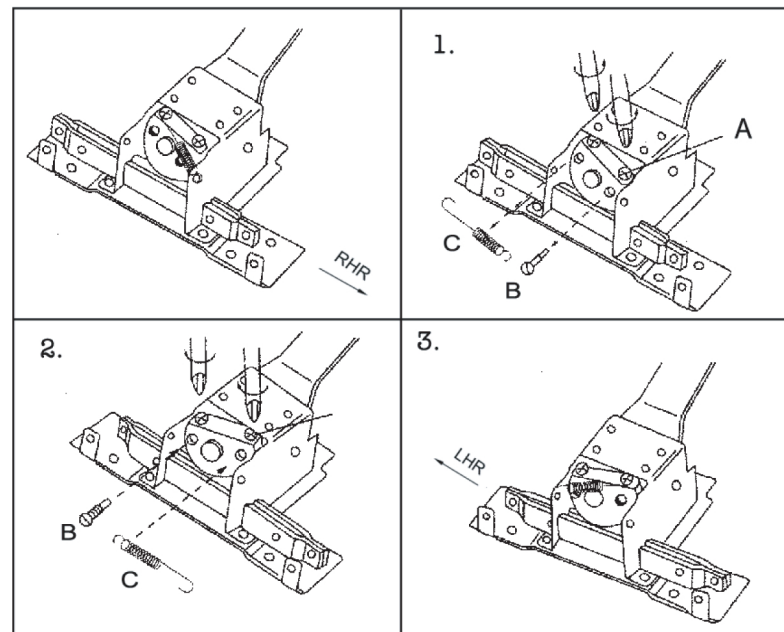
TEMPLATE(B-1)

- (A) For RDC5V10 Series (UL Listed)-Drill & tap for (6) 1/4"-20P x 3/4" machine screws (4xD,2xE) for latches.
- (B) For RDA5V00 Series (Fire Rated)-Drill 9/32" holes (4xD,2xE) inside and 3/8" holes (4xD,2xE) outside for the (6) thru bolts.



Note: When installing top latch unit:

1. Drill (1) E hole and install screw but do not tighten all the way.
2. Make sure distance from door frame to line W is 2".
3. Drill (2) D holes and install and tighten screws.
4. Tighten screw in hole E all the way.

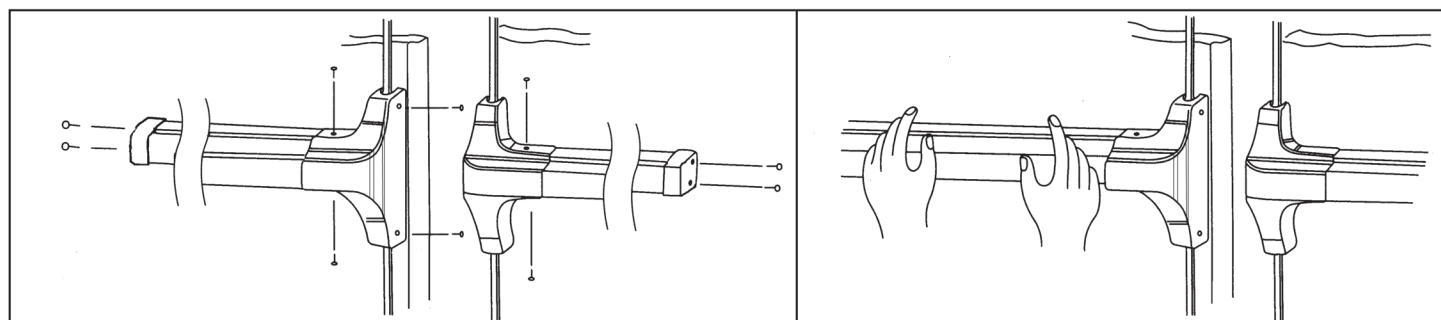


7 : INSTALL BOTTOM LATCH UNIT

- 1.ALIGN VERTICAL CENTER LINE OF BOTTOM LATCH UNIT AND LOWER CONNECTING TUBE AS SHOWN ON TEMPLATE MARK DOOR AS INDICATED ON TEMPLATE(B).

NOTE:BE SURE THE DISTANCE FROM THE BOTTOM SIDE DOOR TO THE BOTTOM OF LATCH IS 12/32".

- 2.TIGHTEN SCREWS TO INSTALL BOTTOM LATCH UNIT.



8 : INSTALL AND ADJUST UPPER CONNECTING TUBE

- 1.KEEP THE END OF THE TUBE WITH THE THREADED INSERT UPWARD TO CONNECT IT WITH THE THREADED BOLT IN THE TOP LATCH UNIT.
- 2.CONNECT THE OTHER END OF THE TUBE TO THE INTERNAL MECHANISM OF THE HEAD ASSEMBLY BY INSERTING THE CONNECTING PIN INTO THE HOLES.
- 3.TURN AND ADJUST UPPER CONNECTING TUBE UNTIL TOP LATCH UNIT RETRACTS PROPERLY AND THEN FIX THE CONNECTING PIN BY BENDING 2 ENDS.

9 : INSTALL AND ADJUST LOWER CONNECTING TUBE

- 1.KEEP THE END OF THE TUBE WITH THE THREADED INSERT DOWNWARD TO CONNECT IT WITH THE THREADED BOLT IN THE BOTTOM LATCH UNIT
- 2.CONNECT THE OTHER END OF THE TUBE TO THE INTERNAL MECHANISM OF THE HEAD ASSEMBLY BY INSERTING THE CONNECTING PIN INTO THE HOLES.
- 3.CONNECT BOLT IN BOTTOM LATCH ASSEMBLY WITH LOWER CONNECTING TUBE. THEN, DEPRESS PUSH RAIL TO CHECK FOR PROPER RETRACTION. DO NOT LET BOLT IN LOWER TOUCH FLOOR WHILE DEPRESSING RAIL.

10 : INSTALL FLOOR STRIKE

- 1.LET THE BOLT IN THE LOWER BOTTOM LATCH ASSEMBLY TOUCH THE FLOOR AND MARK ON FLOOR.

- 2.DRILL A 5/8" DIA, 1" DEEP HOLE.
- 3.LET THE BOLT IN THE LOWER BOTTOM LATCH ASSEMBLY INSERT INTO THE CENTER HOLE OF FLOOR STRIKE AND MARK 3 ANCHOR / SCREW HOLES ON FLOOR.
- 4.DRILL 3 ANCHOR / SCREW HOLES, 1/4" DIA , 1 1/8" DEEP.
- 5.HAMMER 3 ANCHORS INTO 3 ANCHOR / SCREW HOLES.TIGHTEN UP 3 SCREWS.

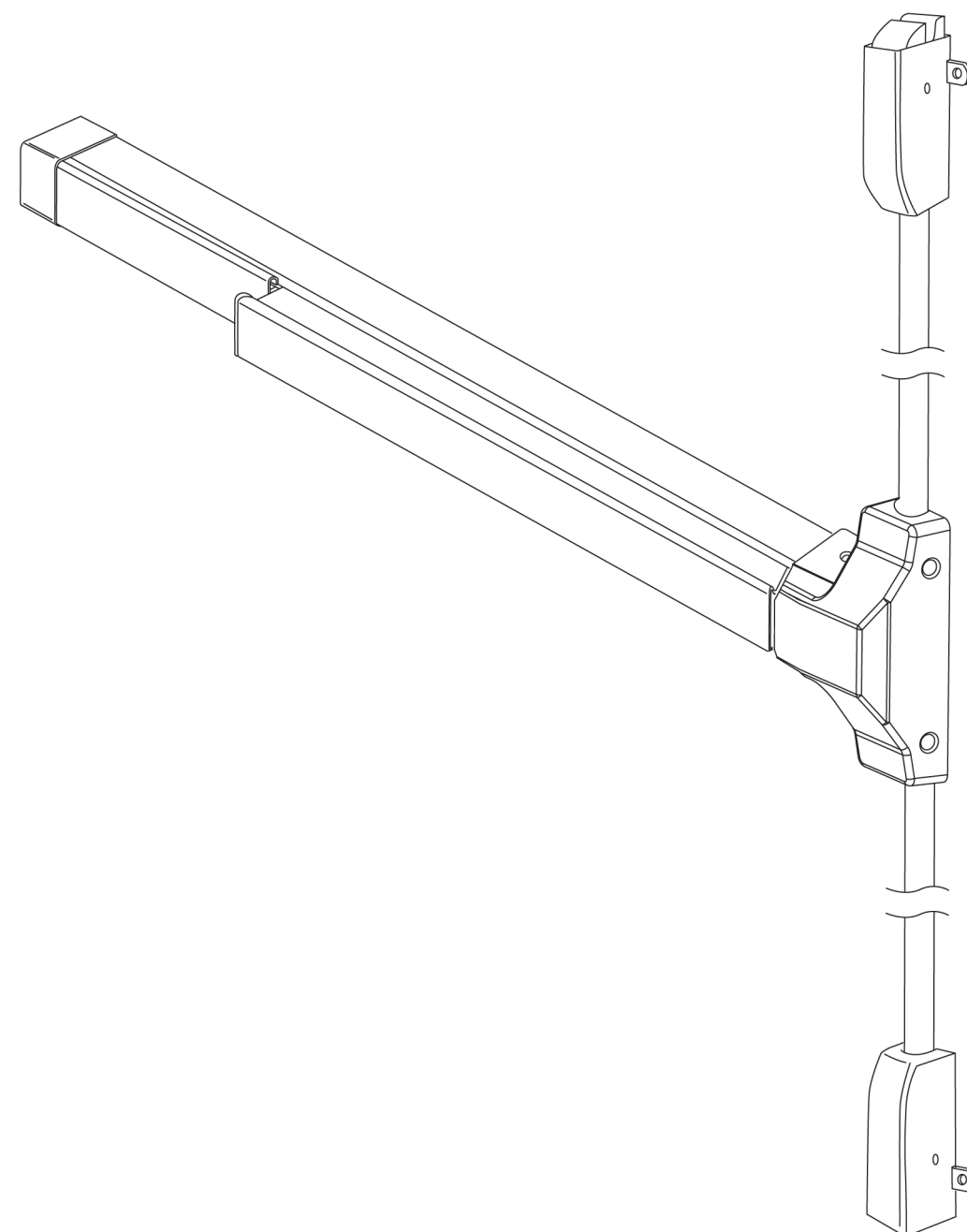
11 : TEST PUSH RAIL AND DOGGING OPERATION

- 1.THE TOP LATCH UNIT SHOULD ENGAGE THE TOP STRIKE AND THE BOTTOM LATCH UNIT SHOULD ENGAGE THE FLOOR STRIKE WHEN THE DOOR IS CLOSED.IF THE DOOR CAN BE PUSHED OPEN WITHOUT DEPRESSING THE PUSH RAIL, THE UPPER CONNECTING TUBE HAS BEEN OVER ADJUSTED. ADJUST IT AS NEEDED.
- 2.THE TOP AND BOTTOM LATCH UNIT SHOULD DISENGAGE FROM THE STRIKES FREELY WHEN THE ACTUATING RAIL IS DEPRESSED OR DOGGED DOWN. IF THEY DO NOT DISENGAGE, ADJUST THE UPPER CONNECTORS AS NEEDED AND RETEST FOR PROPER OPERATION.

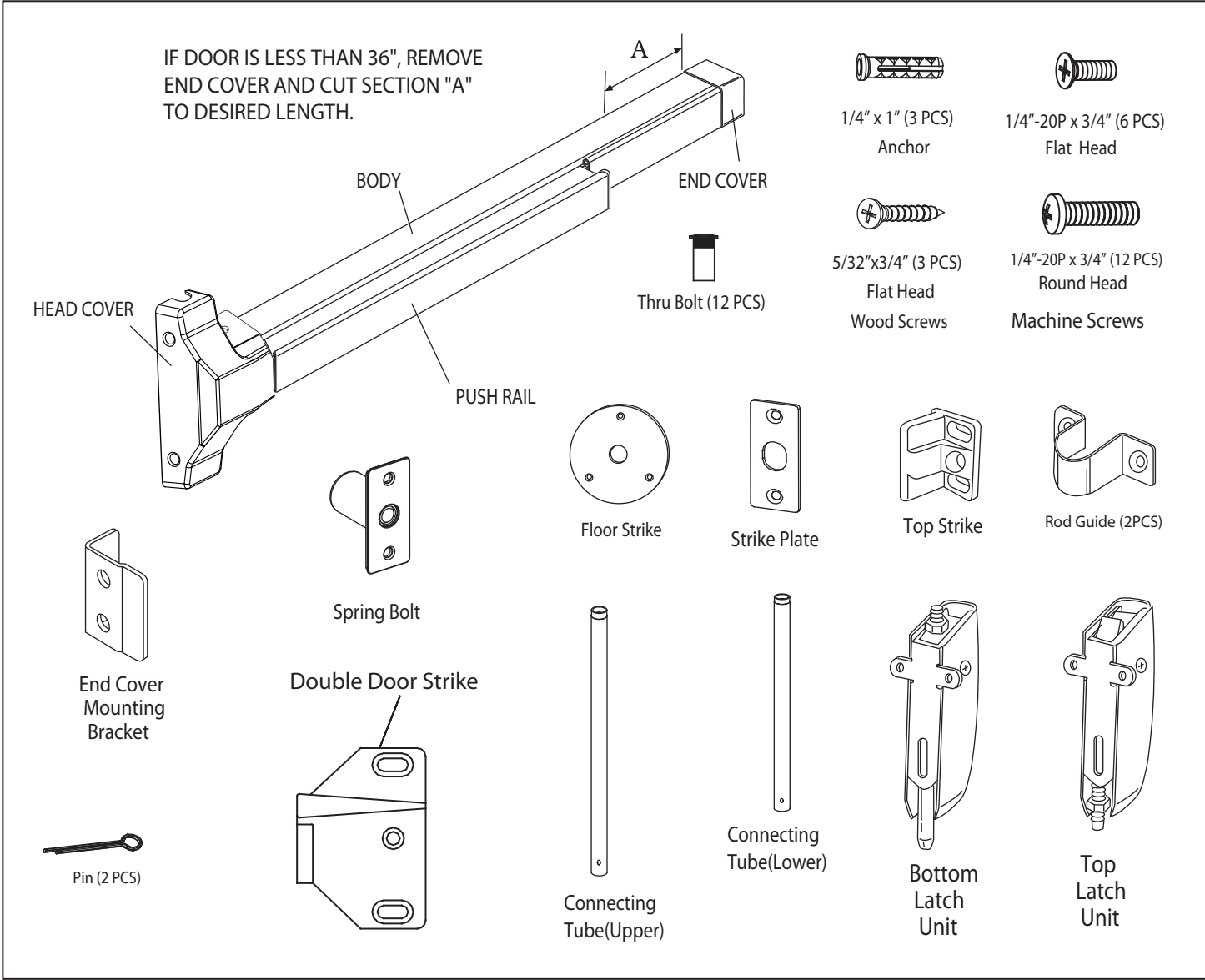
12 : INSTALL TWO ROD GUIDES

- 1.TAKE THE APPROXIMATELY MIDDLE OF UPPER AND LOWER CONNECTING TUBE.
- 2.TIGHTEN SCREWS TO INSTALL ROD GUIDES.

MED200F SERIES VERTICAL ROD TYPE EXIT DEVICE WITH FIRE RATING

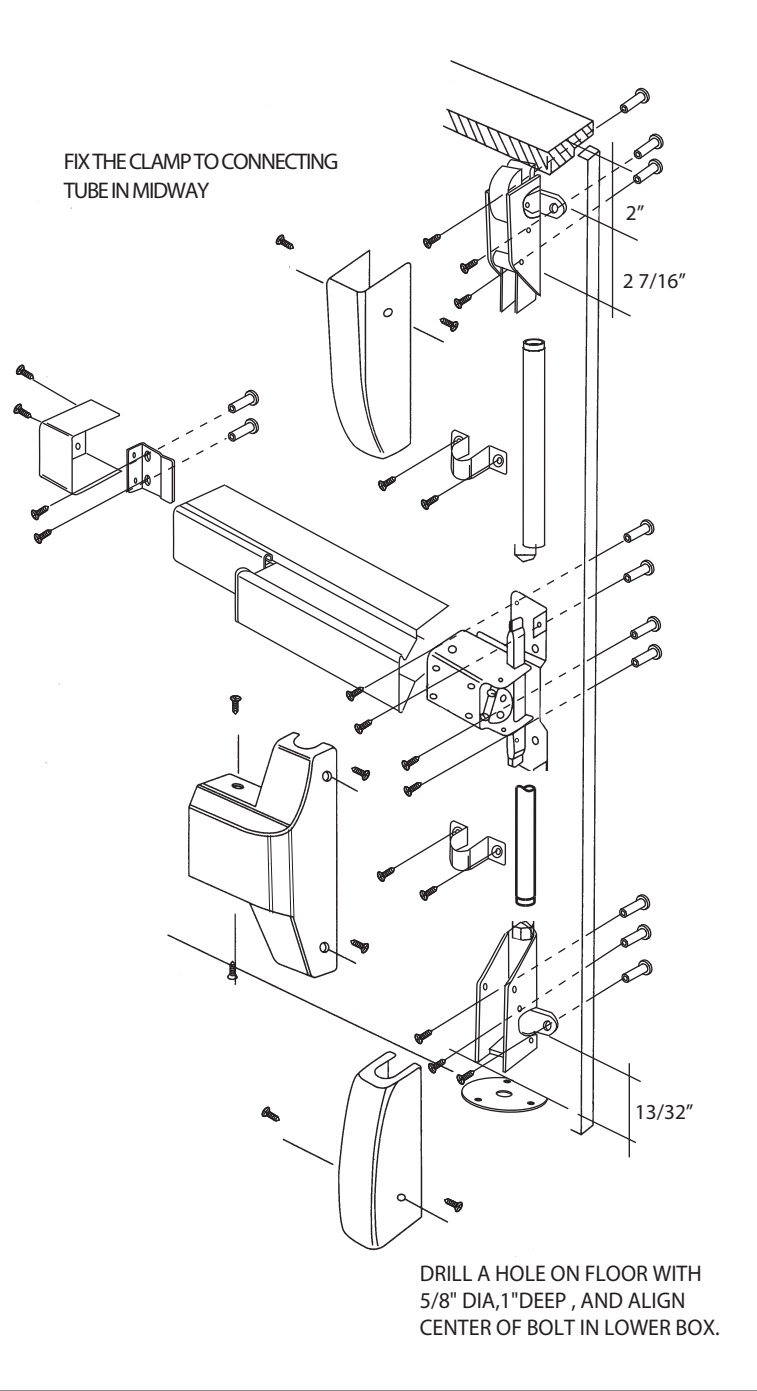
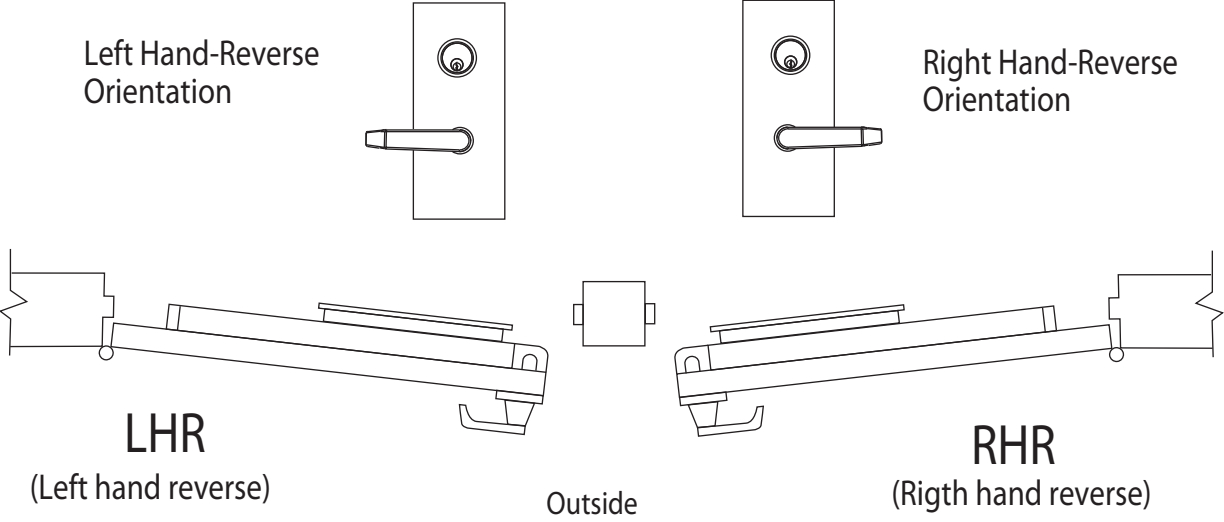


PARTS NAME



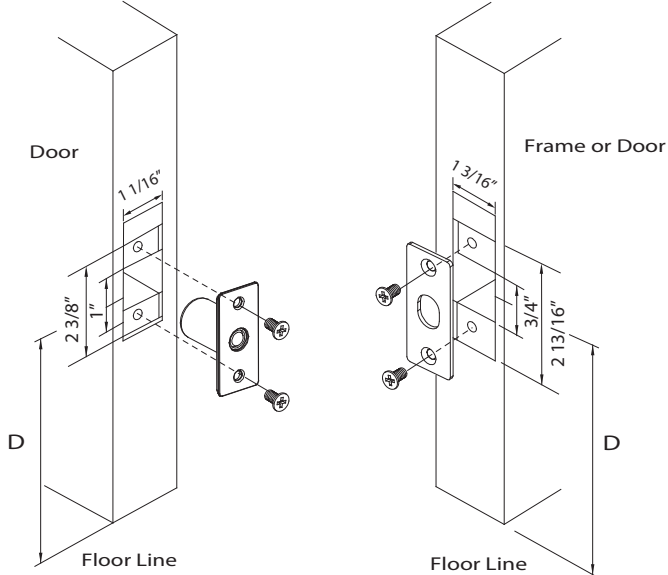
DOOR HANDING

Note: If door is LHR , please refer to step 6

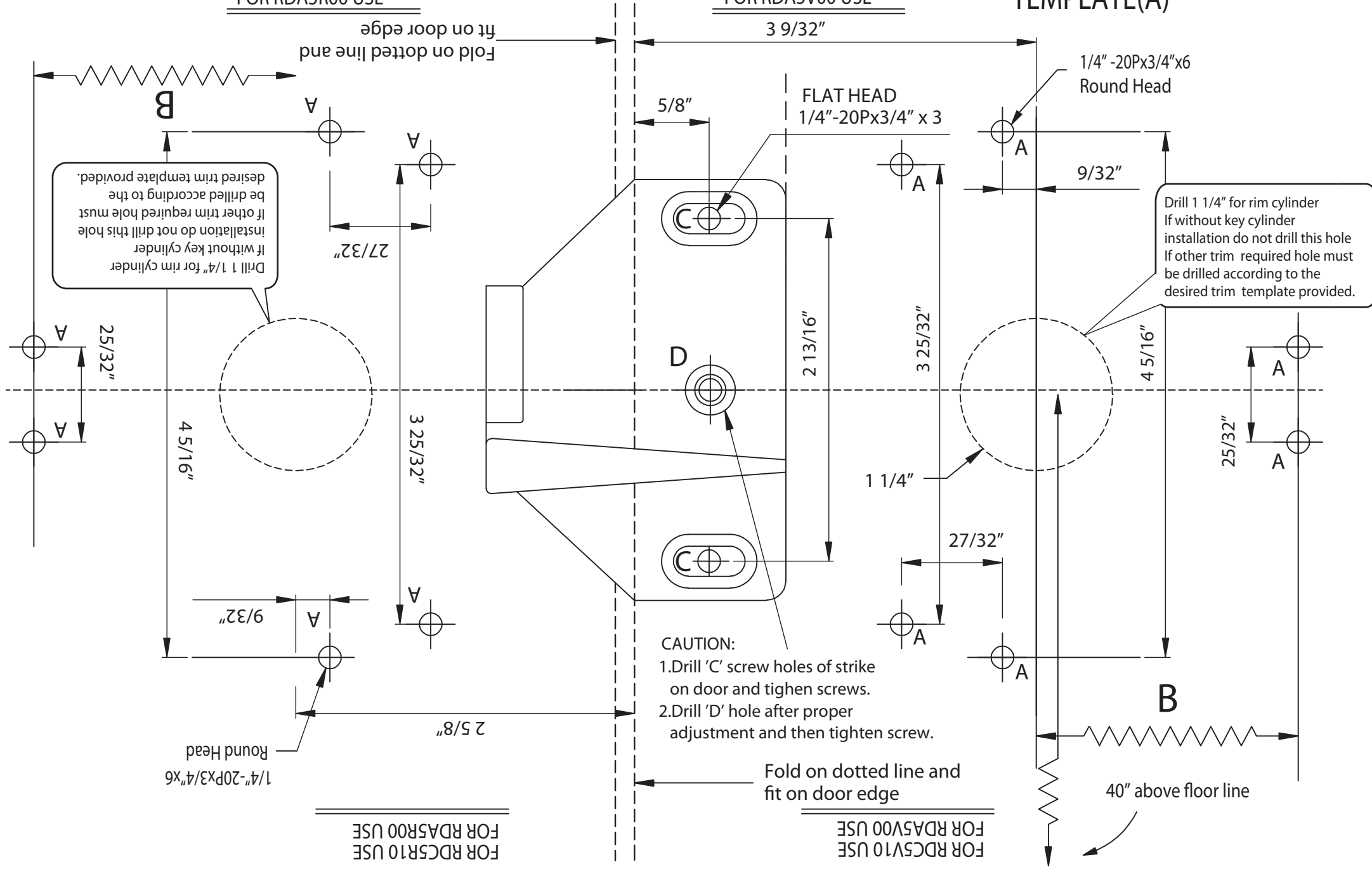


INSTALLATION FOR SPRING BOLT & STRIKE PLATE

Note :1.If the door height below 87" then distance D is 44" from the floor.
2.If the door height below 87" then distance D is half of the floor height.



TEMPLATE(A)



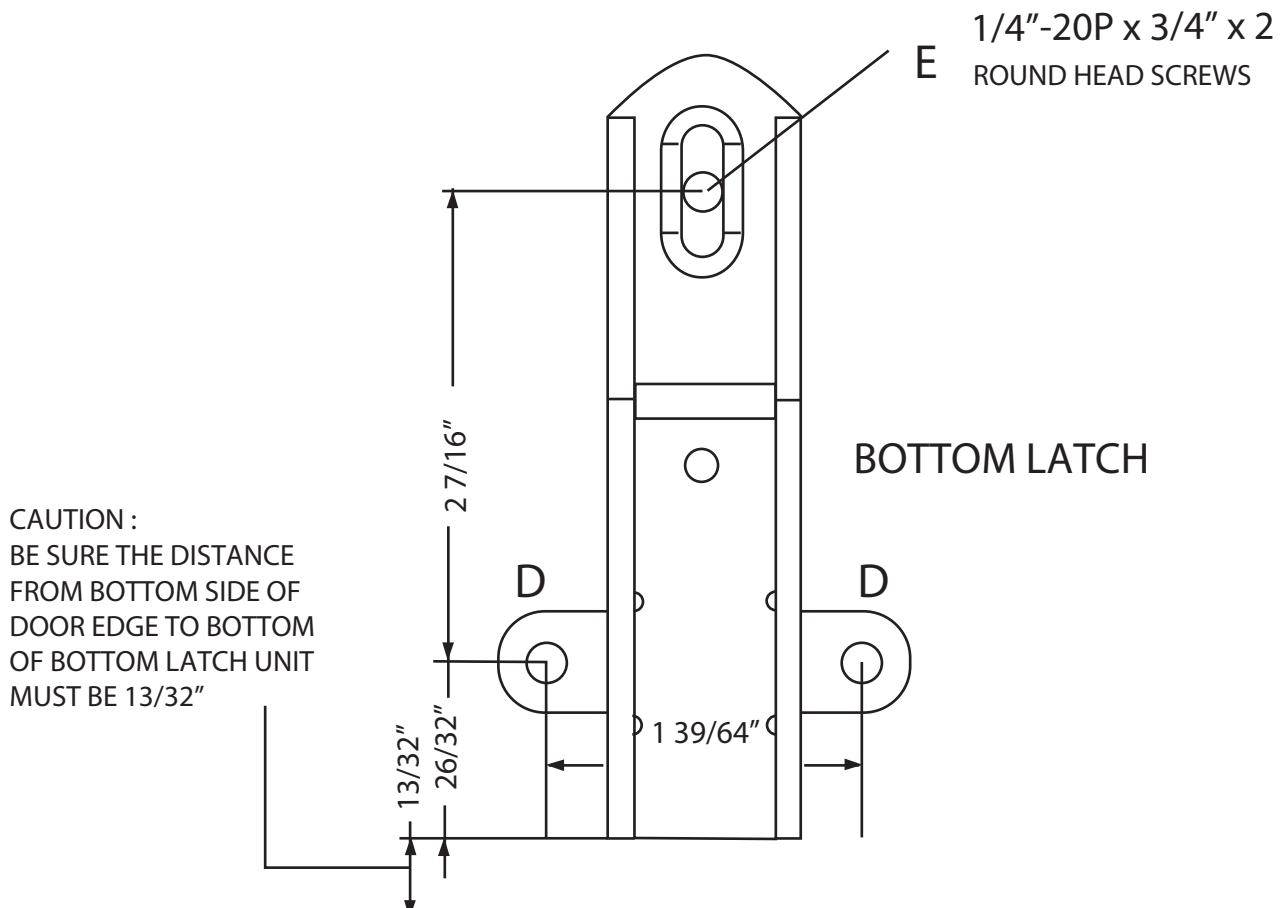
TEMPLATE(B-2)

(A)For RDC5V10 Series (UL Listed)-Drill & tap for (6) 1/4"-20P x 3/4" machine screws (4xD,2xE) for latches.

(B)For RDA5V00 Series (Fire Rated)-Drill 9/32" holes (4xD,2xE) inside and 3/8" holes (4xD,2xE) outside for the (6) thru bolts.

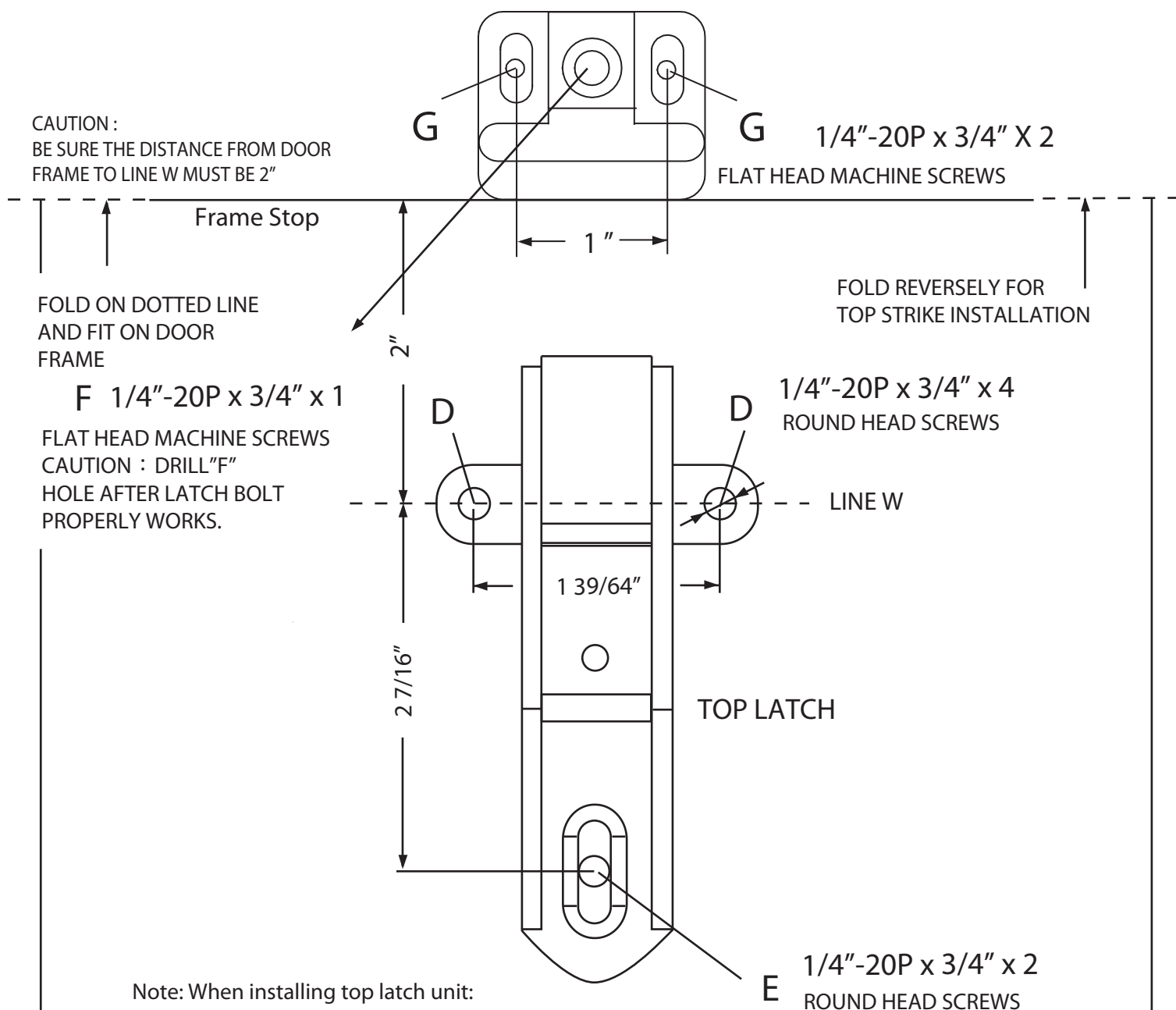
Note: When installing top latch unit:

1. Drill (1) E hole and install screw but do not tighten all the way.
2. Drill (2) D holes and install and tighten screws.
3. Tighten screw in hole E all the way.



TEMPLATE(B-1)

- (A) For RDC5V10 Series (UL Listed)-Drill & tap for (6) 1/4"-20P x 3/4" machine screws (4xD,2xE) for latches.
- (B) For RDA5V00 Series (Fire Rated)-Drill 9/32" holes (4xD,2xE) inside and 3/8" holes (4xD,2xE) outside for the (6) thru bolts.



Note: When installing top latch unit:

1. Drill (1) E hole and install screw but do not tighten all the way.
2. Make sure distance from door frame to line W is 2".
3. Drill (2) D holes and install and tighten screws.
4. Tighten screw in hole E all the way.