

## FOR UL LISTED DOORS

### INTRODUCTION

- THIS DEVICE IS SUITABLE FOR FIRE AND SMOKE DOOR WHICH IS STEEL OR TIMBER, FIRE RATED 180 MINUTES.
- THIS DEVICE IS BHMA CERTIFIED, GRADE 1.
- AS PER NFPA STANDARD:
  - THE 842MM FULL LENGTH (PUSH BAR 535 MM) IS FOR LEAF WIDTH MEASURING MINIMUM 721 - MAXIMUM 1070MM.
  - THE 1147MM FULL LENGTH (PUSH BAR 675 MM) IS FOR LEAF WIDTH MEASURING MINIMUM 861- MAXIMUM 1350 MM.
- THE LEAF MUST WEIGHT NOT MORE THAN 200KG AND BE MOUNTED IN A GOOD-QUALITY FRAME.
- THIS DEVICE MUST BE FITTED BY COMPETENT PERSON.
- IF THE DOOR IS FITTED WITH A OUTSIDE TRIM WHICH ALLOWS YOU TO OPERATE IT FROM THE OUTSIDE, REFER TO THE TEMPLATE PROVIDED WITH THE OUTSIDE TRIM.

### CAUTION

THE SAFETY FEATURES OF THIS PRODUCT ARE ESSENTIAL TO ITS COMPLIANCE WITH UL10C. NO MODIFICATION OF ANY KIND, OTHER THAN THOSE DESCRIBED IN THESE INSTRUCTIONS, IS PERMITTED. OUTSIDE TRIM IS SOLD SEPARATELY.

## FOR EN FIRE RATED DOORS ON ESCAPE ROUTE

3	7	6	B	1	4	2	2	B	A
---	---	---	---	---	---	---	---	---	---

### WARNING

- THE SAFETY FEATURES OF THIS PRODUCT ARE ESSENTIAL TO ITS COMPLIANCE WITH EN 1125.
- NO MODIFICATION OF ANY KIND, OTHER THAN THOSE DESCRIBED ON THE INSTALLATION INSTRUCTIONS, IS PERMITTED OR ALLOWED.
- PANIC DEVICES MANUFACTURED IN ACCORDANCE WITH EN1125 WILL PROVIDE A HIGH DEGREE OF SAFETY AND REASONABLE SECURITY, PROVIDED THEY ARE FITTED TO DOORS AND FRAMES OF EQUAL QUALITY AND IN GOOD CONDITION. THE DOOR MUST BE CORRECTLY HUNG AND FREE FROM BINDING.

### IMPORTANT

- THIS DEVICE MUST BE INSTALLED BY A SKILLED FITTER. IF THE FIXING INSTRUCTIONS ARE NOT FOLLOWED CORRECTLY, THEN NO RESPONSIBILITY FOR THE FIXING INSTRUCTIONS MUST BE PASSED TO DURABLE COLLECTION LTD AFTER INSTALLATION HAS BEEN COMPLETED.

### DOOR SIZES

- THIS PRODUCT IS SUITABLE FOR DOORS UP TO 2500MM HEIGHT AND UP TO 1166MM WIDTH.(DOORS ABOVE 2500MM ARE OUT OF SCOPE OF EN1125).
- AS PER EN 1125 STANDARD:
  - THE 842MM FULL LENGTH (PUSH BAR 535 MM) IS FOR LEAF WIDTH MEASURING MINIMUM 721- MAXIMUM 892MM.
  - THE 1147MM FULL LENGTH (PUSH BAR 675 MM) IS FOR LEAF WIDTH MEASURING MINIMUM 861- MAXIMUM 1125 MM.

### MAINTENANCE

- IT IS RECOMMENDED THAT THE FOLLOWING ROUTINE MAINTENANCE SITE INSPECTION BE UNDERTAKEN AT EQUAL INTERVALS OF NOT LESS THAN ONE MONTH BY THE OCCUPIER OR HIS APPROVED REPRESENTATIVE:
  - A) INSPECT AND OPERATE THE PANIC DEVICE TO ENSURE THAT ALL COMPONENTS ARE IN A SATISFACTORY WORKING CONDITION;
  - B) ENSURE THAT THE KEEPER IS FREE FROM OBSTRUCTION.

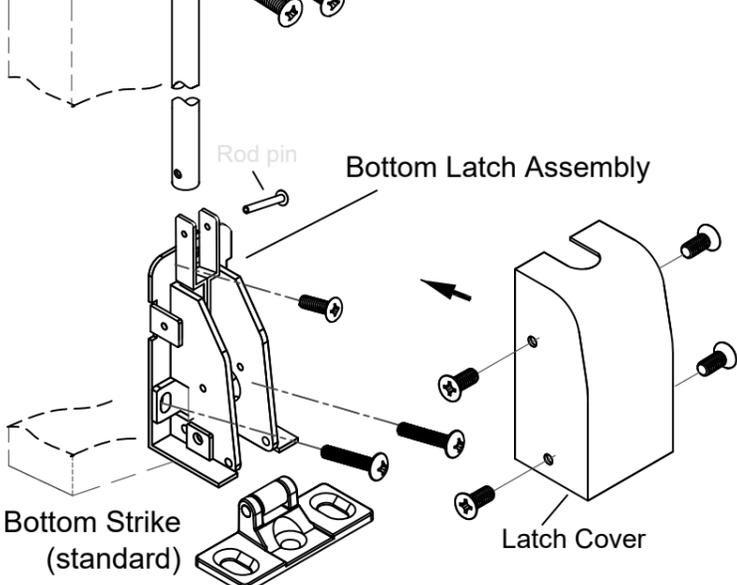
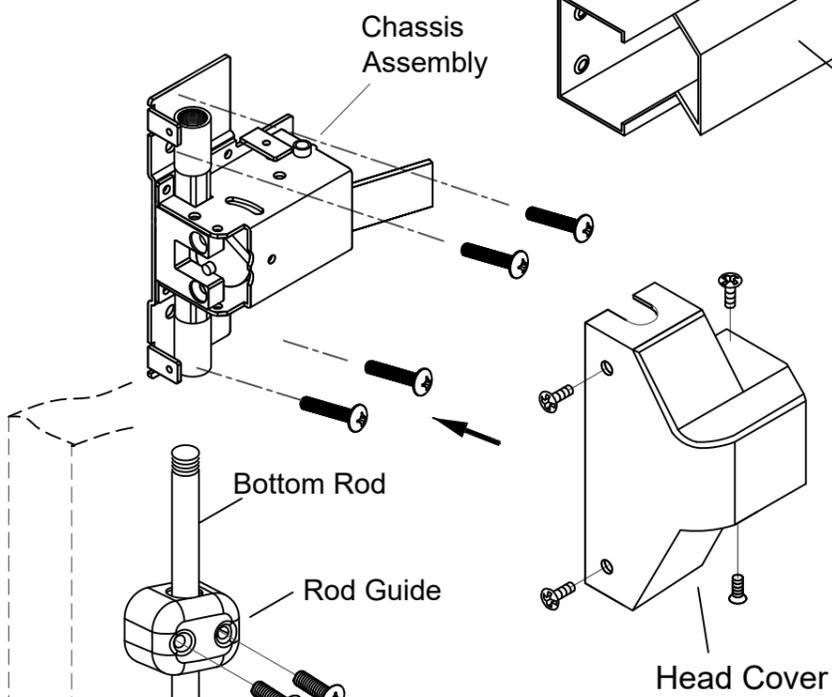
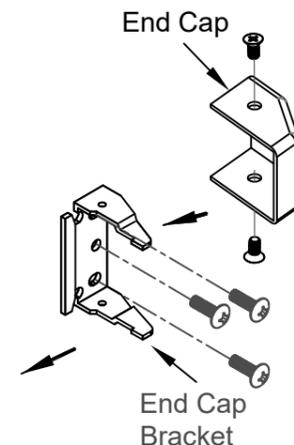
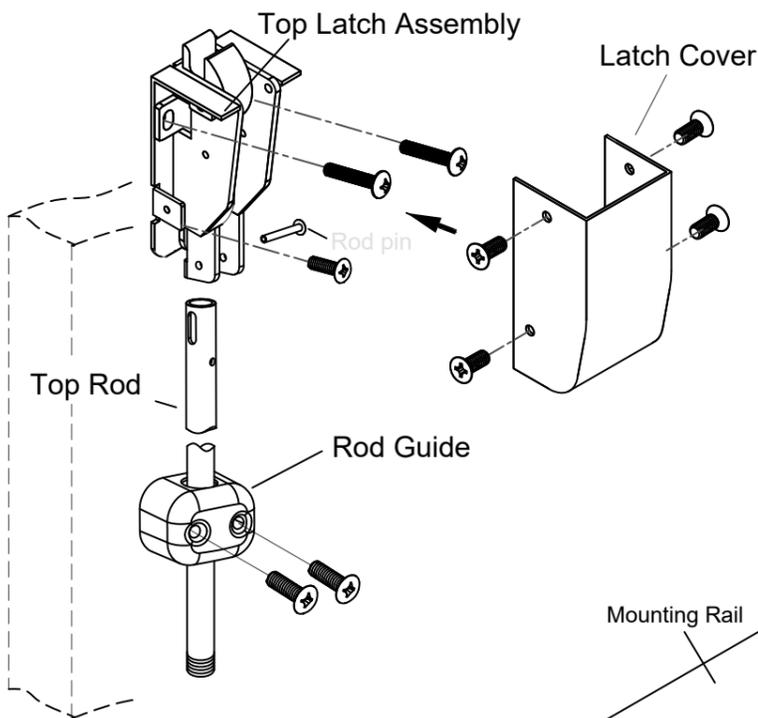
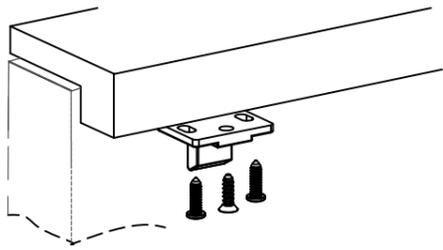
### CAUTION

- THE SAFETY FEATURES OF THIS PRODUCT ARE ESSENTIAL TO ITS COMPLIANCE WITH UL10C. NO MODIFICATION OF ANY KIND, OTHER THAN THOSE DESCRIBED IN THESE INSTRUCTIONS, IS PERMITTED. OUTSIDE TRIM IS SOLD SEPARATELY.



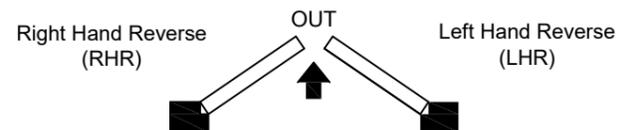


**MODELS # :**  
**D306 SS-CE/UL-675MM**  
**D306 ST-CE/UL-675MM**

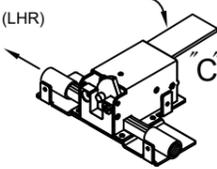
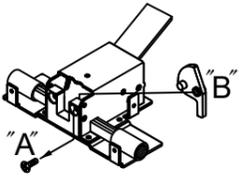
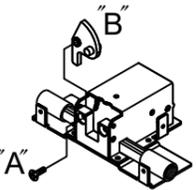
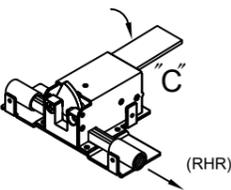


Before installing panic exit devices, please check:

1. The door must be hung & correctly fitted.
2. Size of exit devices, function and design.
  - A. 36" Doors, can be CUT TO FIT DOORS down to 30" wide.
  - B. 48" Doors, can be CUT TO FIT DOORS down to 36" wide.

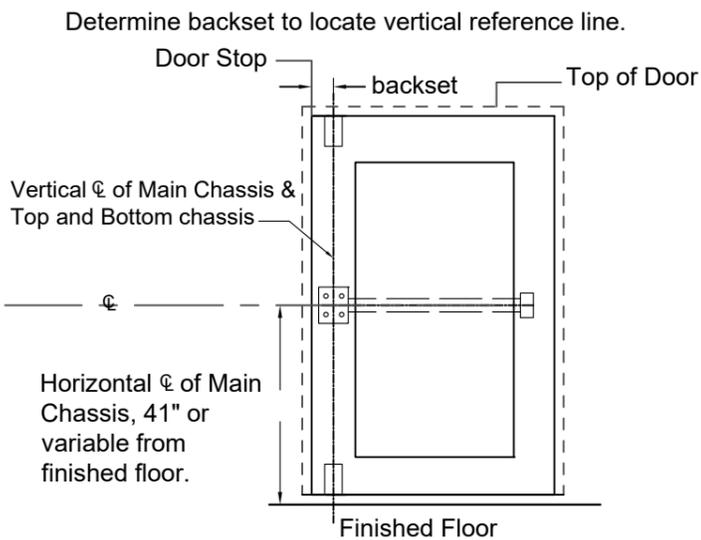


3. To change the handing of device (for example: from LHR to RHR)

 <p>(LHR)</p> <p>PRESS LIFT ARM "C" AND ENSURE THE DIRECTION.</p>	 <p>UNSCREW "A", TAKE OFF "B".</p>
 <p>TURN "B" 180° AND PUT IT BACK AS FIG SHOWN. THEN, FASTEN SCREW "A".</p>	 <p>OPERATE LIFT ARM "C" TO ENSURE THE PROCESSING DIRECTION IS REVERSED.</p> <p>(RHR)</p>

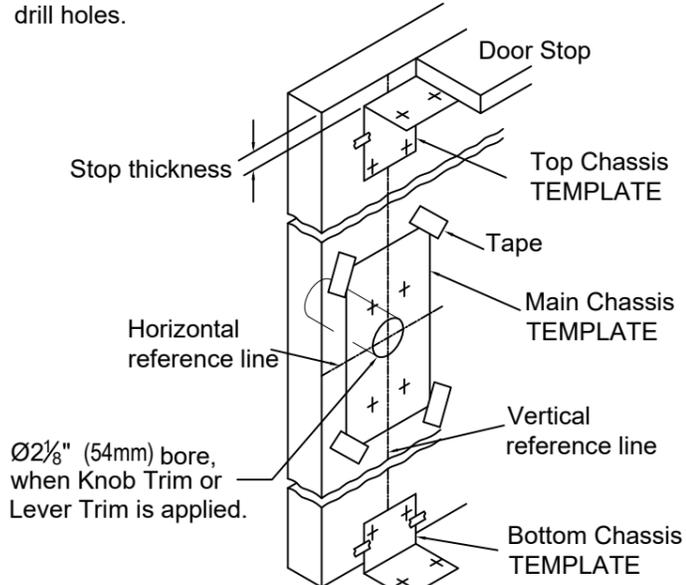
**MODELS # :**  
**D306 SS-CE/UL-675MM**  
**D306 ST-CE/UL-675MM**

**1. Mark vertical & horizontal reference line on the door.**



**2. Prepare Door**

Tape TEMPLATE on inside of door along reference line, and drill holes.

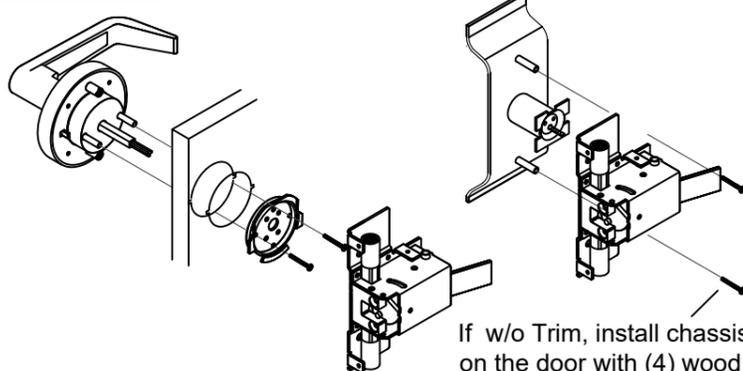


**3. Apply Outside Hardware**

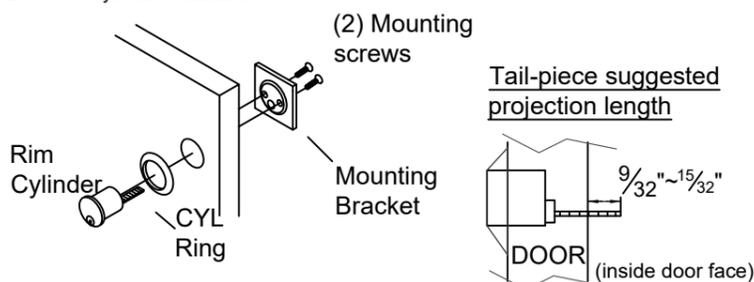
A. Trims application: Optional for Lever Trim, Knob Trim, Pull Trim, Escutcheon Lever Trim & Thumb piece Pull Trim. (please consult to factory)

**LEVER TRIM**

**PULL TRIM**

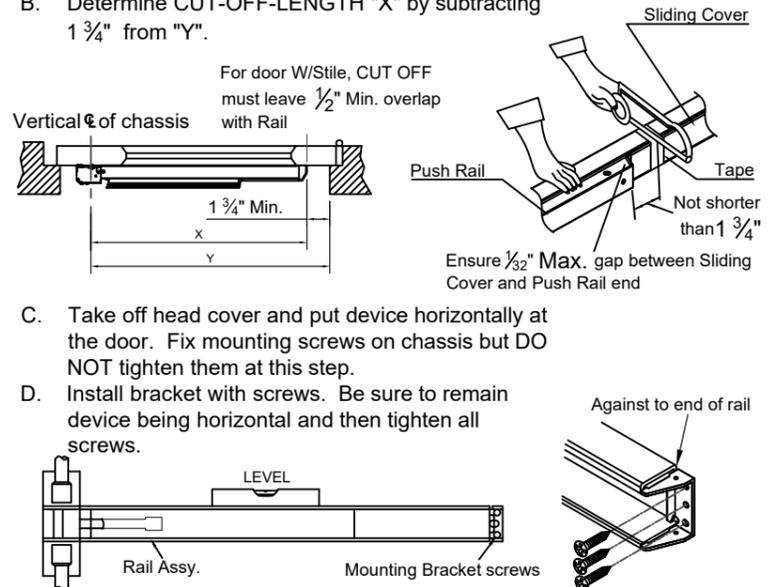


B. Rim Cylinder installation



**4. Install Exit Device on the door**

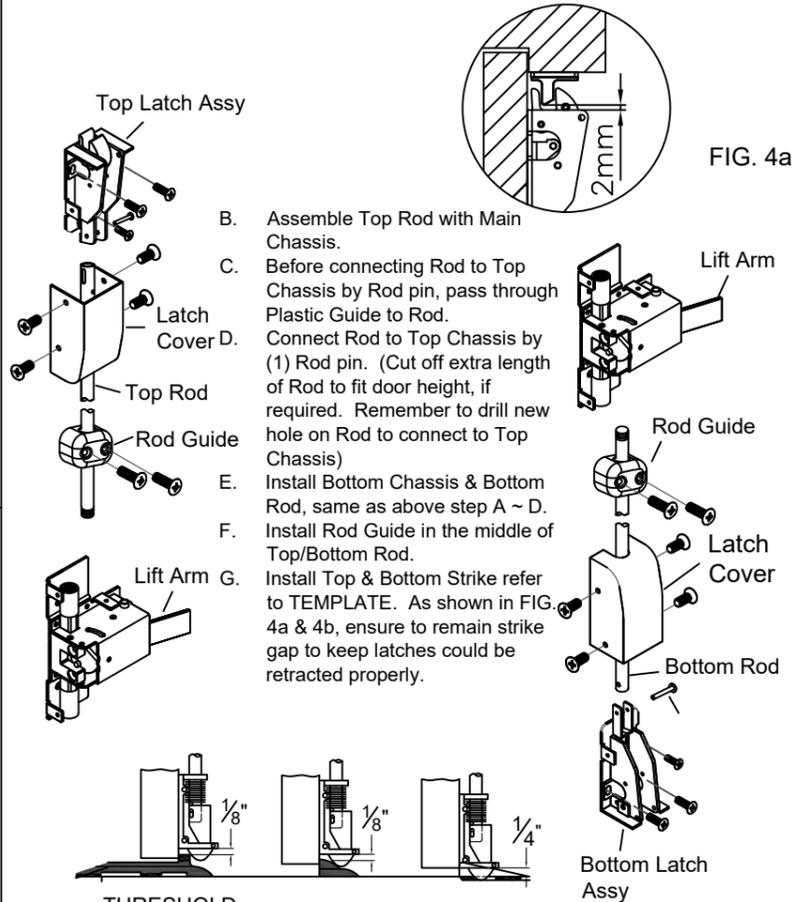
- A. Check the size of devices if cutting device length is required.
- B. Determine CUT-OFF-LENGTH "X" by subtracting 1 3/4" from "Y".



- C. Take off head cover and put device horizontally at the door. Fix mounting screws on chassis but DO NOT tighten them at this step.
- D. Install bracket with screws. Be sure to remain device being horizontal and then tighten all screws.

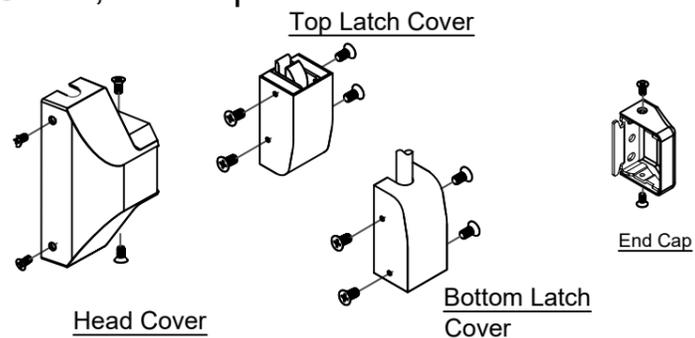
**5. Install Top & Bottom Latch Chassis**

A. Install Top Chassis refer to TEMPLATE as 2nd Step shown.



- B. Assemble Top Rod with Main Chassis.
- C. Before connecting Rod to Top Chassis by Rod pin, pass through Plastic Guide to Rod.
- D. Connect Rod to Top Chassis by (1) Rod pin. (Cut off extra length of Rod to fit door height, if required. Remember to drill new hole on Rod to connect to Top Chassis)
- E. Install Bottom Chassis & Bottom Rod, same as above step A ~ D.
- F. Install Rod Guide in the middle of Top/Bottom Rod.
- G. Install Top & Bottom Strike refer to TEMPLATE. As shown in FIG. 4a & 4b, ensure to remain strike gap to keep latches could be retracted properly.

**6. Install Head Cover, Top/Bottom Latch Cover, End cap**

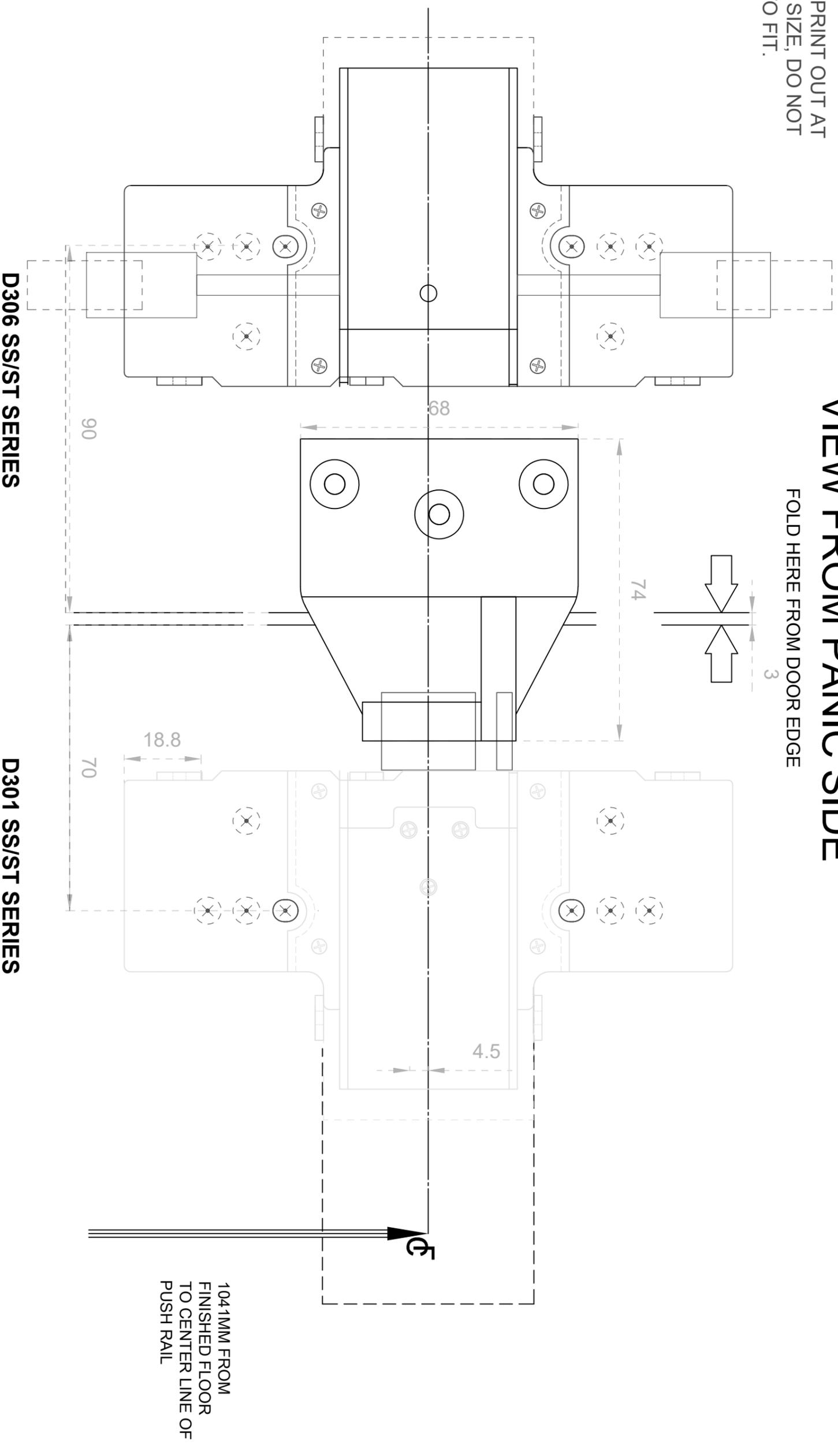


**TEMPLATE OF D301 SERIES (TYPE 1)/D306 SERIES (TYPE 2) W/ OVERLAPPING STRIKE SPD159**

PLEASE PRINT OUT AT  
ACTUAL SIZE, DO NOT  
SCALE TO FIT.

**VIEW FROM PANIC SIDE**

FOLD HERE FROM DOOR EDGE

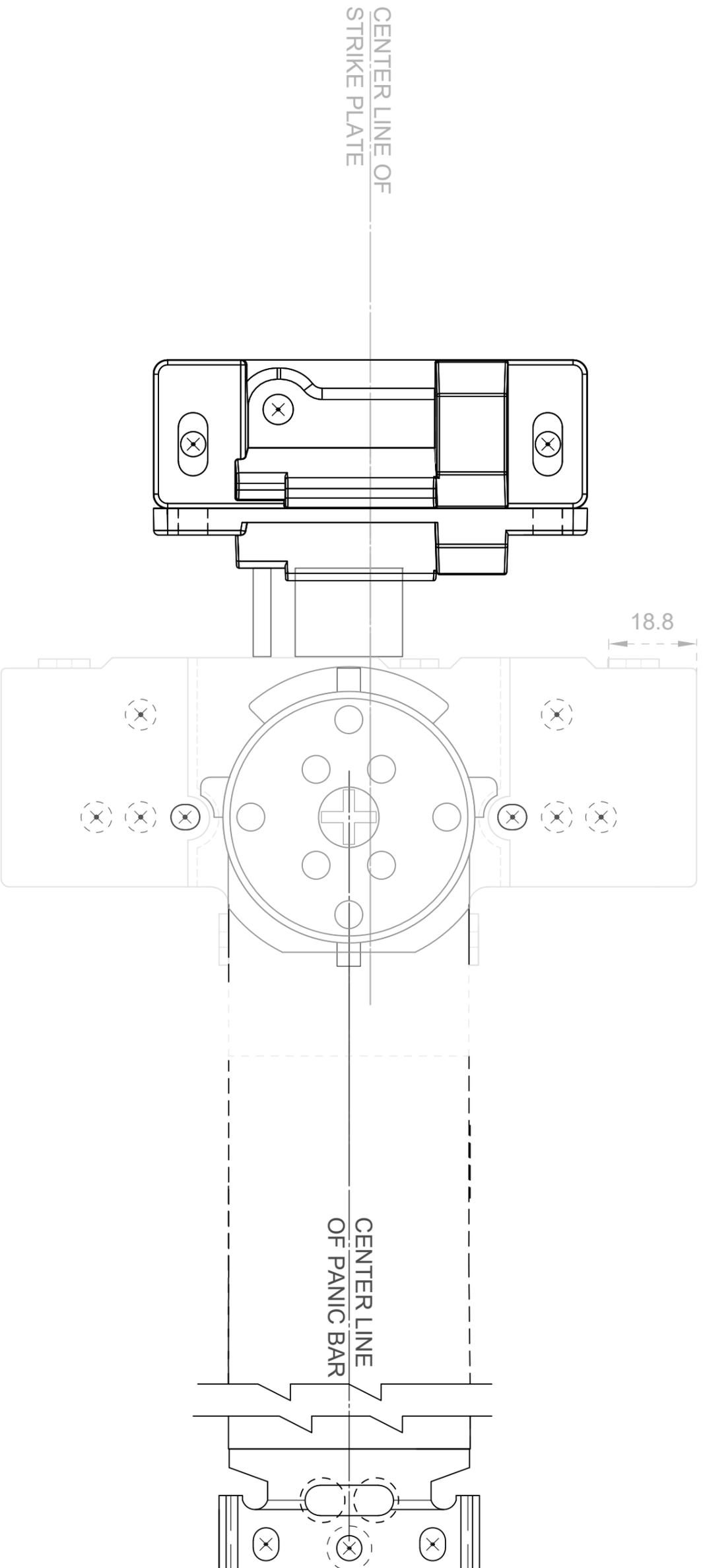


**D306 SS/ST SERIES**

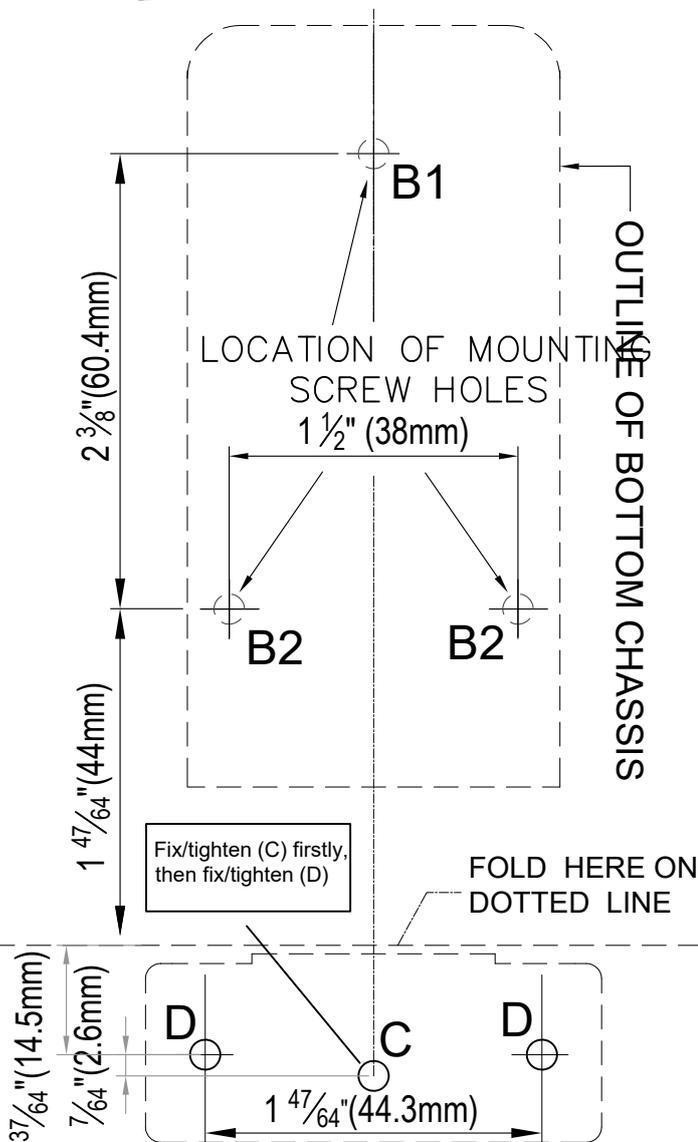
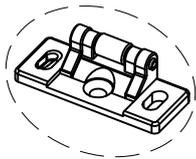
**D301 SS/ST SERIES**

PLEASE PRINT OUT AT  
ACTUAL SIZE, DO NOT  
SCALE TO FIT.

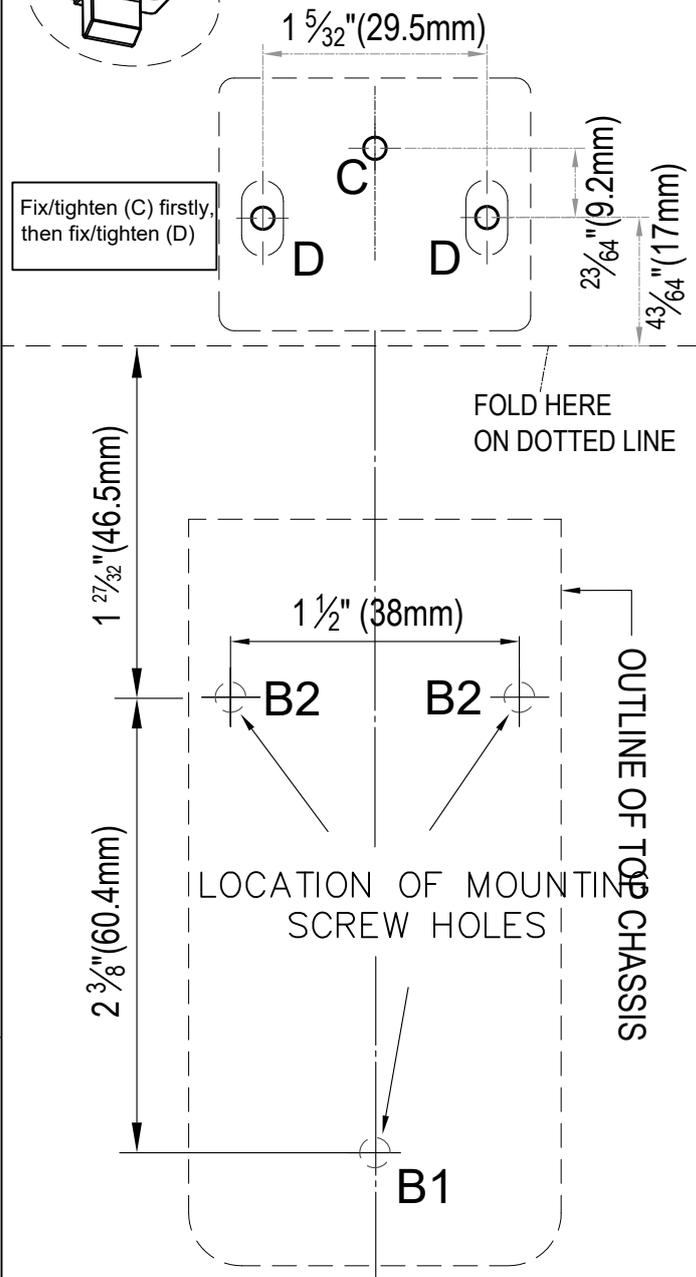
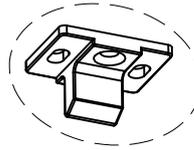
**VIEW FROM OUTSIDE TRIM SIDE**



**TEMPLATE of Bottom LATCH (1:1)**  
【Surface Strike (regular use)】

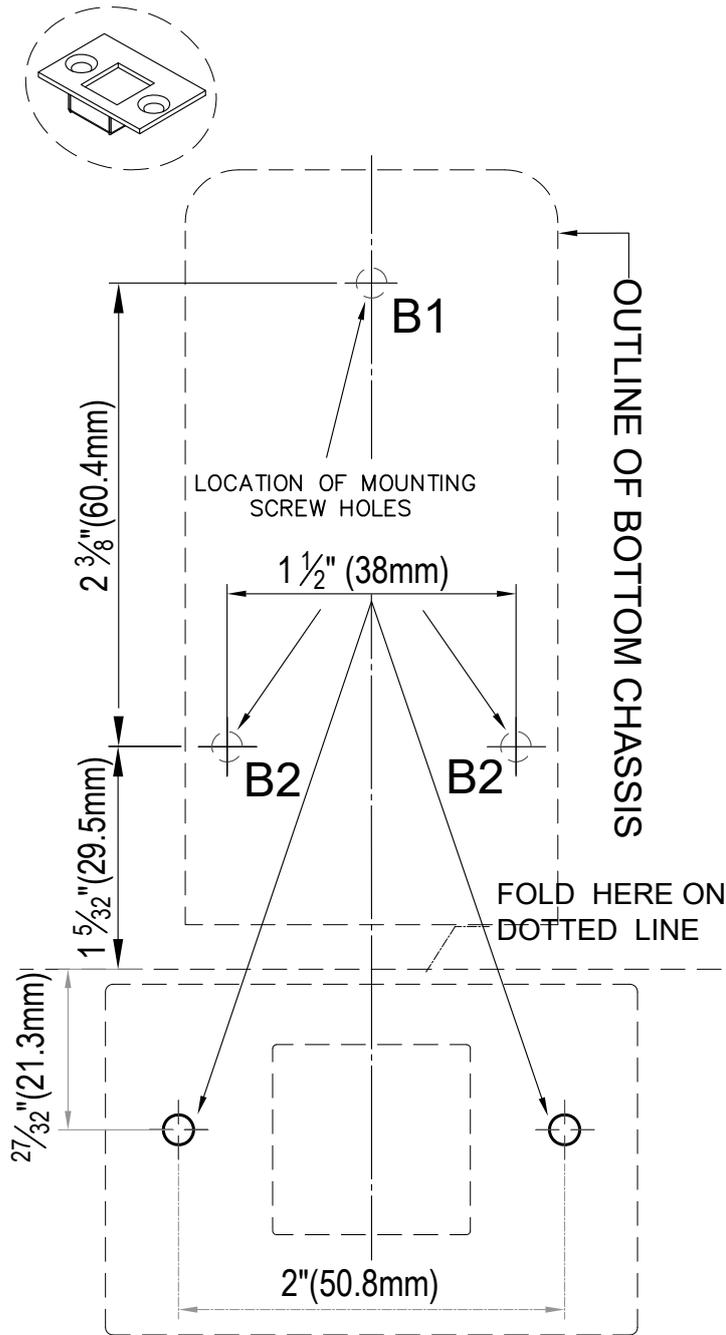


**TEMPLATE of Top LATCH (1:1)**  
【Top Strike (regular use)】



PLEASE PRINT OUT AT  
ACTUAL SIZE, DO NOT  
SCALE TO FIT.

TEMPLATE of Bottom LATCH (1:1)  
(OPTIONAL)



PLEASE PRINT OUT AT  
ACTUAL SIZE, DO NOT  
SCALE TO FIT.