Tell DOORS & HARDWARE

INSTALLATION INSTRUCTION
EX8300 SERIES EXIT DEVICE

DIAGRAMS ARE NOT TO SCALE.

READ AND FOLLOW INSTRUCTIONS CAREFULLY. Incorrect installation or adjustment could cause damage or injury.
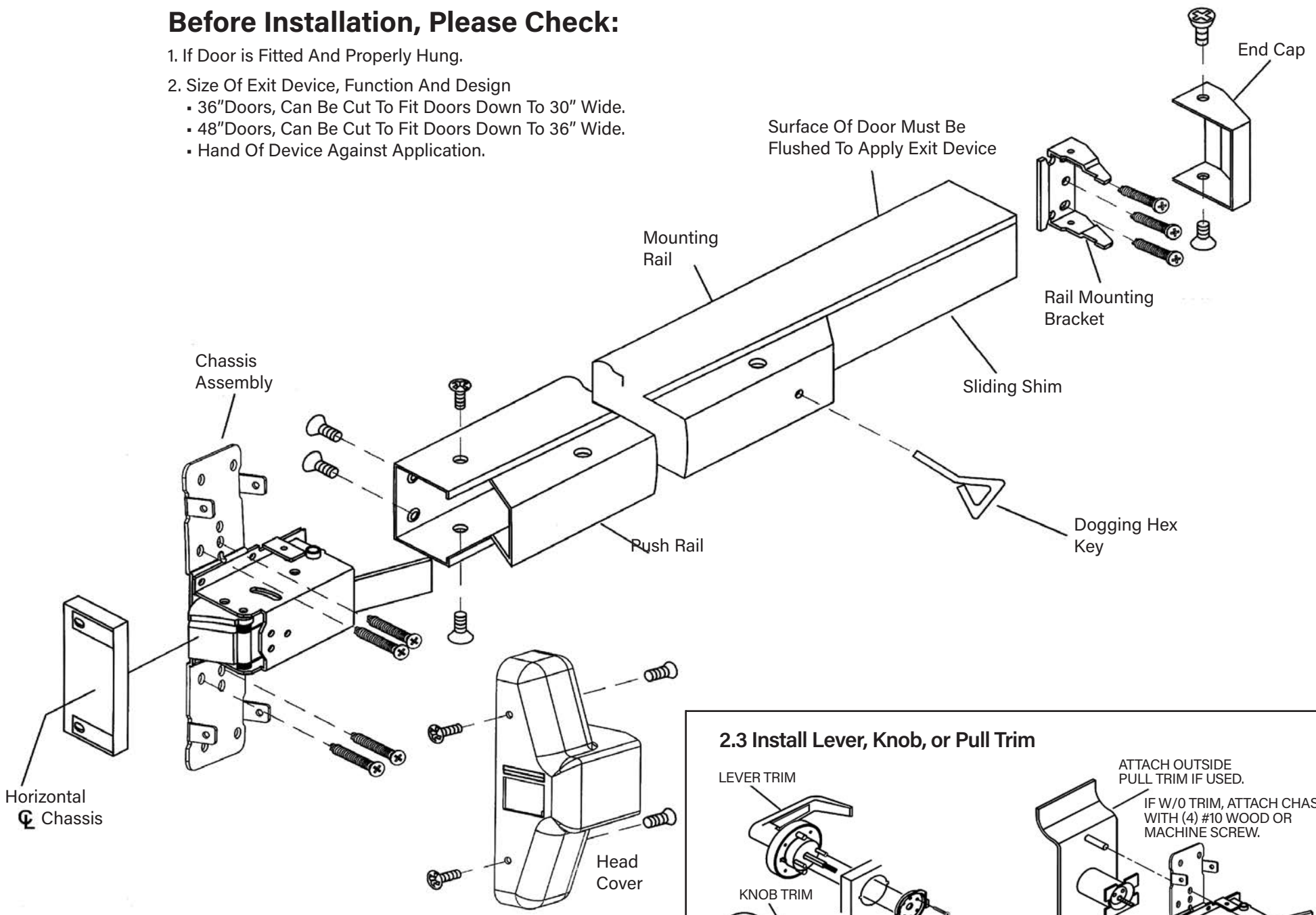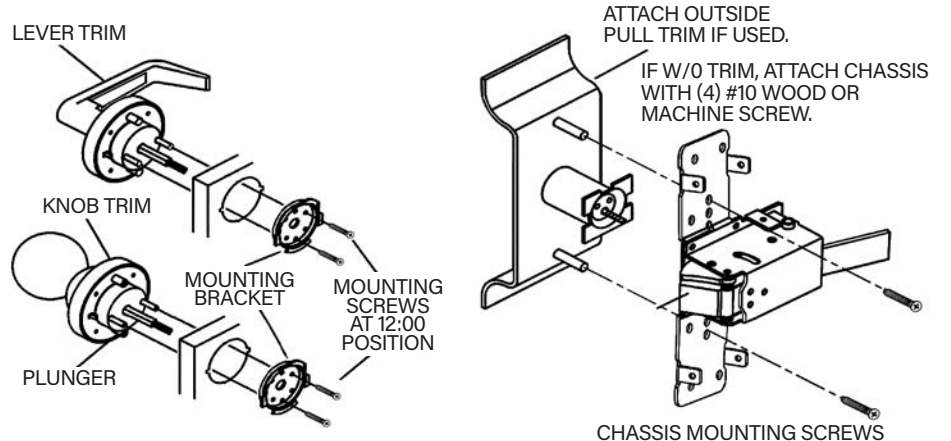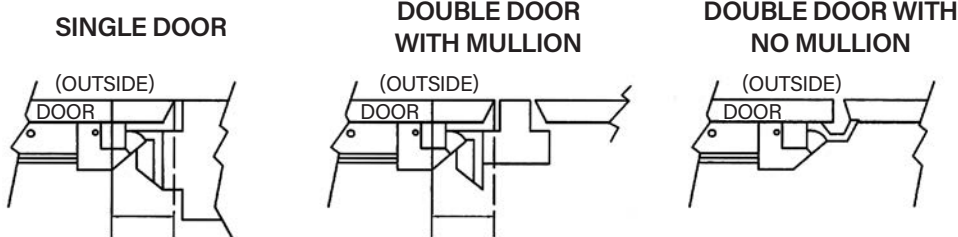
Before Installation, Please Check:

1. If Door is Fitted And Properly Hung.

2. Size Of Exit Device, Function And Design
   - 36"Doors, Can Be Cut To Fit Doors Down To 30" Wide.
   - 48"Doors, Can Be Cut To Fit Doors Down To 36" Wide.
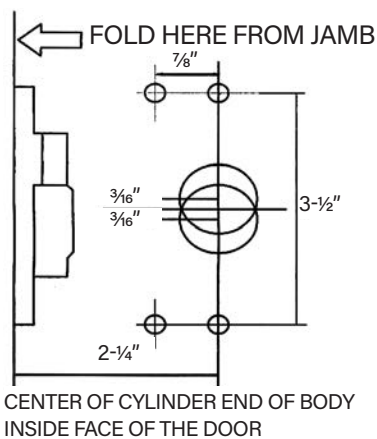   - Hand Of Device Against Application.

End Cap

Surface Of Door Must Be Flushed To Apply Exit Device

Mounting Rail

Rail Mounting Bracket

Sliding Shim

Chassis Assembly

Push Rail

Dogging Hex Key

Horizontal ℄ Chassis

Head Cover

2.3 Install Lever, Knob, or Pull Trim

LEVER TRIM

KNOB TRIM

PLUNGER

MOUNTING BRACKET

MOUNTING SCREWS AT 12:00 POSITION

ATTACH OUTSIDE PULL TRIM IF USED.

IF W/0 TRIM, ATTACH CHASSIS WITH (4) #10 WOOD OR MACHINE SCREW.

CHASSIS MOUNTING SCREWS

1. Type of Installation

SINGLE DOOR

(OUTSIDE)
DOOR

DOUBLE DOOR WITH MULLION

(OUTSIDE)
DOOR

DOUBLE DOOR WITH NO MULLION

(OUTSIDE)
DOOR

3. Apply Rail Assembly

1. Check the size of device, if cutting to length Is required.
2. Determine cut off length "x" by subtracting 1-¾" From "y". Mark cut off point on mounting rail.

VERTICAL CHASSIS

FOR DOOR W/STILE CUT OFF MUST LEAVE 1/2'" MIN OVERLAP WITH RAIL

CUT OFF AND DEBURR

X

Y

1-¾" MIN

DON'T CUT CLOSER THAN 1-¾" FROM LOWER PIVOT

3. Depress arm into rail opening and slide rail onto chassis. Level rail and fasten chassis and mounting plate.

TIGHT AGAINST RAIL

RAIL ASSEMBLY

MOUNTING PLATE TO DOOR

ATTACH MOUNTING PLATE TO DOOR WITH (3) ROUND HEAD SCREWS.
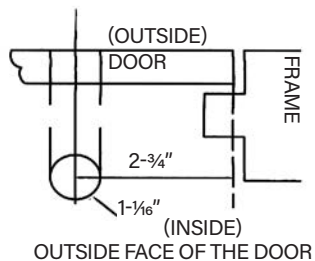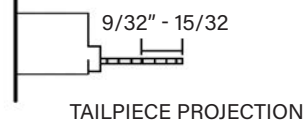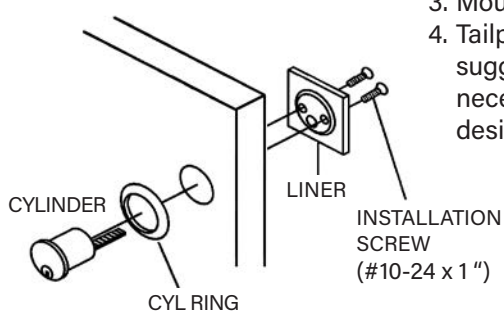
2. Apply Hardware

2.1 Drill Holes

Mark door face and drill holes in accordance with the diameters suggested. See attached template.

(OUTSIDE)
DOOR

FRAME

2-¾"

1-1⁄16"

(INSIDE)

OUTSIDE FACE OF THE DOOR

FOLD HERE FROM JAMB

7⁄8"

3⁄16"
3⁄16"

3-½"

2-¼"

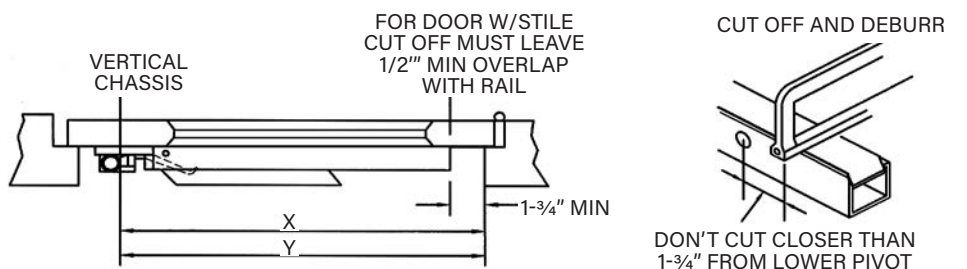CENTER OF CYLINDER END OF BODY
INSIDE FACE OF THE DOOR

2.2 Install Cylinder

1. Insert the cylinder through Cyl Ring and hole in the door.
2. Keep the tail piece horizontal.
3. Mount liner on inside of door and
4. Tailpiece projection over inside of Door is suggested in the range 9/32" - 15/32. If necessary, use a pliers to bend and cut to desired length.
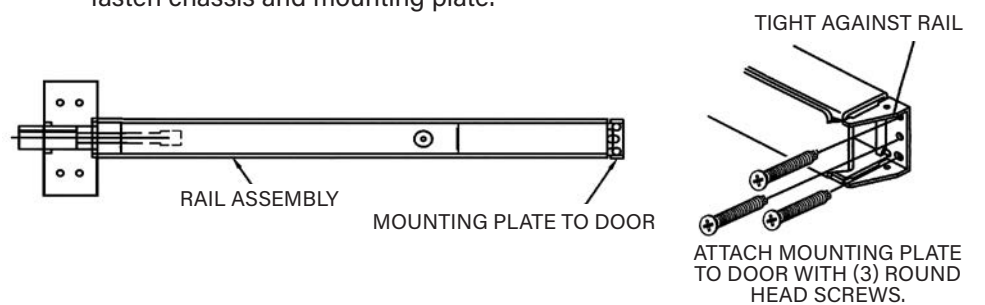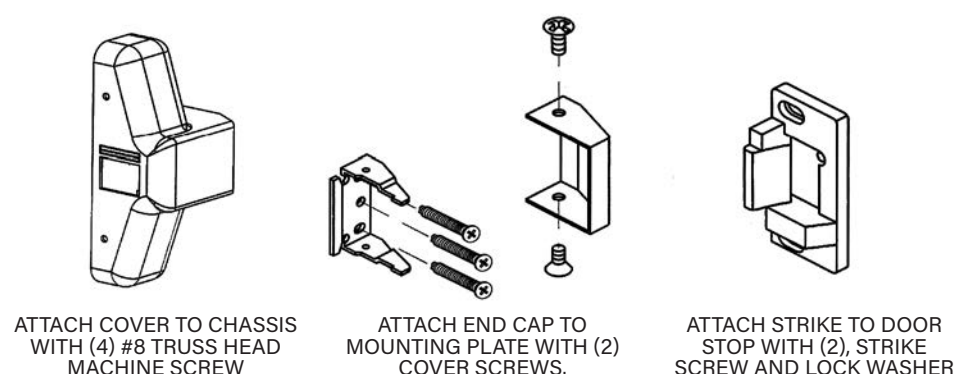

CYLINDER

CYL RING

LINER

INSTALLATION SCREW (#10-24 x 1 ")

9/32" - 15/32

TAILPIECE PROJECTION

4. Apply Covers and Strike

ATTACH COVER TO CHASSIS WITH (4) #8 TRUSS HEAD MACHINE SCREW

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

ATTACH STRIKE TO DOOR STOP WITH (2), STRIKE SCREW AND LOCK WASHER

Tell
DOORS & HARDWARE

INSTALLATION TEMPLATE
EX8300 SERIES EXIT DEVICE

ACTUAL SIZE TEMPLATE.

READ AND FOLLOW INSTRUCTIONS CAREFULLY.
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1" x 1"
Scale

Double check square above measure 1" square for scale.

Backset 2-3/4" from centerline

Fold on dotted line and fit to door edge.

3 -1/2"

₵

Measure 41" from floor to center line of push rail

7/8"