INSTRUCTIONS FOR INSTALLING 8888, 12-8888, 8800, 12-8800, WS8800, 12-WS8800, HC-8800 and 12-HC8800 SERIES RIM EXIT DEVICES WITH ALL STANDARD TRIM

CAUTION!

BEFORE STARTING:
- READ INSTRUCTION SHEET CAREFULLY
- INSTALL MULLION IF USED
- DOOR SHOULD BE FITTED AND HUNG
- CHECK BOX LABEL FOR SIZE OF EXIT DEVICE

AVAILABLE STOCK LENGTHS
Length “E”: 32” door, no cut off required. Can be cut to fit doors down to 24” wide.
Length “F”: 36” door, no cut off required. Can be cut to fit doors down to 33” wide.
Length “J”: 42” door, no cut off required. Can be cut to fit doors down to 37” wide.
Length “G”: 48” door, no cut off required. Can be cut to fit doors down to 43” wide.

IMPORTANT:
*SURFACE OF THE DOOR WHERE EXIT DEVICE IS APPLIED MUST BE FLUSH. CLEAR AWAY ANY RAISED PROJECTIONS TO ALLOW EXIT DEVICE TO REST ON FLAT SURFACE OF THE DOOR.
*IF SHIM KIT IS REQUIRED, CONTACT YOUR DISTRIBUTOR

WS8800 & 12-WS8800 Rim Exit Device
(Shown Below)
- Requires 3 shims under the chassis and end bracket

HC8800 & 12-HC8800 Rim Exit Device
(Not Shown)
- Requires 2 shims under the chassis and end bracket

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SCREWS USED FOR EXIT DEVICE INSTALLATION

ATTENTION:
ALL SCREWS ARE SHOWN IN ACTUAL SIZE
SOME SCREWS WILL BE LONGER FOR DOORS OVER 1 3/4" THICK

ET MOUNTING SCREW (1-3/4" DOOR)
(1/4"-20 X 2-3/8" PH. FL. HD. MACH. SCREW)

PULL TRIM MOUNTING SCREW
(1-3/4" DOOR) (1/4"-20 X 1-3/8"
PH. FL. HD. MACH. SCREW)

STRIKE MOUNTING SCREW, OUTER
(#10-24 X 3/4" PH. OV. HD.
MACH. SCREW) (STEEL FRAME)

CHASSIS MOUNTING SCREW
(1/4"-20 X 5/8" PH. FL. HD.
MACH. SCREWS, 2 PCS)

GROMMET NUT

STAR WASHER

CUP WASHER

COVERS MOUNTING SCREW
(#8-32 X 5/16" WITH
#6 PH. OV. U' CUT HD.
MACH. SCREW, 6 PCS)

RAIL MOUNTING SCREW
(#8-32 X 3/8" PH. TRUSS
HEAD MACH. SCREW, 2 PCS)

"LL" TYPE TRIM MOUNTING SCREW
(#10-32 X 5/8" PH. FILLISTER
HD. SEMS MACH. SCREW)

MOUNTING PLATE OR 649 STRIKE
MOUNTING SCREW, INNER
(#10-24 X 3/4" PH. RD.
HD. MACH. SCREW)

CHASSIS MOUNTING SCREW
FOR WOOD DOOR APPLICATION
(#10 X 1-1/4" PH. FL. HD.
WOOD SCREW, 4 PCS)

641 STRIKE MOUNTING SCREW
(#10 X 1-1/4" PH. OV. HD.
WOOD SCREW) (WOOD FRAME)

MOUNTING PLATE MOUNTING
SCREW (WOOD DOOR)
(#10 X 1-3/8" PH. RD. HD.
WOOD SCREW, 3 PCS)

CHASSIS MOUNTING SCREW
FOR WOOD DOOR APPLICATION
(#14 X 1-1/2" PH. FL. HD.
WOOD SCREW, 2 PCS)

THESE SCREWS PROVIDED FOR WOOD DOOR OR FRAME APPLICATIONS.

SCREW PACKS AND MISCELLANEOUS PARTS

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FOR ADDITIONAL INFORMATION CALL SARGENT CUSTOMER SERVICE AT: 1-800-727-5477

ASSA ABLOY, the global leader in door opening solutions
**FIRST**

**TOOLS REQUIRED FOR INSTALLATION:**
1. MEASURING TAPE
2. POWER DRILL
4. TAPS: #10-24, 1/4-20
5. HACK SAW OR ANY POWER CUTTER
   (FOR CUTTING RAILS IF NECESSARY)
6. SCREWdrivers: PHILLIPS #2 AND #3
7. LEVEL

FOR RETROFIT DOOR PREPARATION,
THE FOLLOWING MAY BE REQUIRED:
HOLE SAWs: 1-1/8", 1-3/8", 2-1/8"

**MARK VERTICAL AND HORIZONTAL REFERENCE LINES ON THE DOOR**

**SECOND**

**PREPARE DOOR**

**PLASTIC TEMPLATE**
(RECOMMENDED METHOD):
INSTALL STRIKE FIRST, THEN EXIT DEVICE

1. APPLY PLASTIC TEMPLATE ON DOOR USING REFERENCE LINES AND 649 STRIKE
2. MARK THEN SPOT AND DRILL HOLES

**PAPER TEMPLATE:**
INSTALL EXIT DEVICE FIRST, THEN STRIKE

1. APPLY PROPER TEMPLATE ON DOOR USING REFERENCE LINES. ATTACH IT WITH SUPPLIED TAPE
2. SPOT AND DRILL HOLES

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**IDENTIFY TYPE OF INSTALLATION**

TO DETERMINE LOCATION OF VERTICAL REFERENCE LINE

**PANIC EXIT DEVICE AND FIRE EXIT DEVICE (12- PREFIX)**

**SINGLE DOOR**

VERTICAL REFERENCE LINE (Q OF CHASSIS)

**DOUBLE DOOR WITH 980 MULLION AND 649 STRIKES**

VERTICAL REFERENCE LINE (Q OF CHASSIS)

**DOUBLE DOOR WITH 12-980 MULLION**

VERTICAL REFERENCE LINE (Q OF CHASSIS)

**STRIKE MOUNTING SCREW,**
OUTER (#10-24 X 3/4" PH. OV. HD. MACH SCREW)

**FOR PANIC EXIT DEVICE:**
ATTACH STRIKE WITH TWO (2) OUTER SCREWS AND TWO (2) STAR WASHERS PLACED UNDER THE STRIKE. ADJUST FOR PROPER POSITION AND TIGHTEN SCREWS SECURELY.

**649 STRIKE**

**STRIKE MOUNTING SCREW,**
INNER (#10-24 X 3/4" PH. RD. HD. MACH SCREW)

**FOR FIRE EXIT DEVICE:**
ATTACH STRIKE WITH TWO (2) OUTER SCREWS AND ADJUST FOR PROPER POSITION. INSTALL TWO (2) INNER SCREWS AND TIGHTEN ALL SCREWS SECURELY.

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ASSA ABLOY, the global leader in door opening solutions
THIRD APPLY HARDWARE

ET TRIM APPLICATION
(SEE INSTRUCTION SHEET AND TEMPLATE PACKED WITH TRIM)

A. ATTACH CHASSIS TO DOOR WITH (4) CHASSIS MOUNTING SCREWS (#10-24 X 3/4" PH. FL. HD. MACH. SCREWS) IN LOCATION SHOWN

(2) 1/4"-20 X 5/8" FLAT HEAD MACHINE SCREWS IN LOCATIONS SHOWN

HOLES FOR THRUBOLTING ET CONTROL TO CHASSIS (SEE ITEM "B")

B. ATTACH ET CONTROL USING THE TWO (2) 1/4"-20 X 2-3/8" PH. FL. HD. MACH. SCREWS THROUGH THE APPROPRIATE MOUNTING HOLES IN CHASSIS

LL LEVER HANDLE TRIM REVERSIBLE (FOR 8888 AND 12-8888 ONLY)
(SEE INSTRUCTION SHEET AND TEMPLATE PACKED WITH TRIM)

CENTER CHASSIS (LHRB SHOWN)

CHASSIS MOUNTING SCREWS (#10-24 X 3/4" PH. FL. HD. MACH. SCREWS) (4 PLACES)

TUBE AND PLATE ASSEMBLY

LEVER HANDLE

STUD

SCREW

MOUNTING BRACKET

LIFT ARM

"LL" TYPE TRIM MOUNTING SCREWS (#10-32 X 5/8" PH. FILLISTER HD. MACH. SEMS SCREWS)

CHASSIS MOUNTING SCREW (1/4-20 X 5/8 PH. FL. HD. MACH. SCREWS) (2 PLACES)

ASSA ABLOY, the global leader in door opening solutions
1. ATTACH CHASSIS TO THE SURFACE OF DOOR WITH (4) #10-24 x 3/4" SCREWS

2. POSITION TRIM ON DOOR AND THROUGH-BOLT TRIM TO CHASSIS WITH (2) 1/4-20 x 5/8" LONG SCREWS

3. USING THE CUP WASHER, THROUGH-BOLT BOTTOM OF TRIM

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PSB, FSL, FSW, MSL AND STS PULL TRIM BY CYLINDER APPLICATION

1. MOUNT CHASSIS TO DOOR WITH (6) CHASSIS MOUNTING SCREWS.
2. THROUGH-BOLT GROMMET NUT TO TOP CHASSIS MOUNTING HOLE.
3. THROUGH-BOLT TOP STUD TO BOTTOM CHASSIS MOUNTING HOLE.
4. THROUGH-BOLT BOTTOM STUD TO BOTTOM MOUNTING HOLE.
5. THROUGH-BOLT SARGENT CYLINDER TO CHASSIS THRU TRIM. IF SCREW IS TOO LONG, BREAK OFF AT NOTCHES AS NEEDED.
6. TIGHTEN ALL SCREWS SECURELY.

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DETERMINE CUT OFF DIMENSION “X” BY SUBTRACTING 1-3/4” FROM DIMENSION “Y” FOR DOORS WITH STILE: RAIL MUST OVERLAP STILE BY 1/2” MIN.

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

NOTE: MAKE SURE SWITCH IS LOCATED ON THE MOUNTING POST AND THE SCREW AND NUT ARE SECURELY FASTENED

1. DEPRESS LIFT ARM INTO RAIL ASSEMBLY AND SLIDE RAIL ONTO CHASSIS.

2. ATTACH RAIL ASSEMBLY TO CHASSIS WITH TWO (2) #8 TRUSS HEAD MACHINE SCREWS. DO NOT TIGHTEN SCREWS.

3. LEVEL RAIL.
   PLACE MOUNTING PLATE TIGHT AGAINST RAIL AND ATTACH TO DOOR WITH TWO (2) #10 ROUND HEAD SCREWS

4. TIGHTEN ALL SCREWS SECURELY.

ATTACH COVER TO CHASSIS WITH FOUR (4) COVER MOUNTING SCREWS (#8-32 X 5/16 WITH #8 PH. OV. HD. MACH. SCREW) TIGHTEN SECURELY

ATTACH END CAP TO MOUNTING PLATE WITH TWO (2) COVER MOUNTING SCREWS TIGHTEN SECURELY