

# INSTALLATION INSTRUCTIONS

## 5800 & 12-5800 Series 04 Function Alarmed Exit Devices

### For Outside Cylinder Operation / With or Without Outside Pull Trim

**SARGENT**  
**ASSA ABLOY**

FOR INSTALLATION ASSISTANCE CALL SARGENT AT 1-800-727-5477 • www.sargentlock.com

**FOR 10 FUNCTION SEE OTHER SIDE OF PAGE**

**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 ON FLAT SURFACE OF DOOR.

**"LOCK DOWN KEY"** TO OPERATE: DEPRESS PUSHRAIL INSERT HEX KEY AND TURN CLOCKWISE. NO LOCK-DOWN FEATURE ON 12-5800 SERIES.

USE STANDARD MORTISE CYLINDERS HAVING THE FOLLOWING DIMENSIONS:

CAM THROW: 1 1/16"

LENGTH: 1 3/8"

COVER CONTAINS ELECTRONIC AND ALARM MODULE

LONGER CAMS CAN BE MODIFIED TO CLEAR POSTS

**RIGHT HAND REVERSE BEVEL ILLUSTRATED**

**CAUTION: BEFORE STARTING**

- 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 30" WIDE.

**LENGTH G** 48" DOOR, NO CUT OFF REQUIRED. CAN BE CUT TO FIT DOORS DOWN TO 36" WIDE.

- CHECK HAND-CHASSIS IS NORMALLY ASSEMBLED FOR A RIGHT HAND REVERSE BEVEL DOOR AT THE FACTORY.

1. REMOVE RETAINING RING AND CYLINDER HUB.
2. REMOVE LEFT PIVOT PIN FIRST, THEN REMOVE THE RIGHT PIVOT PIN AND LATCH BOLT LEVER.
3. REASSEMBLE PARTS IN REVERSE ORDER

**CAUTION: FOR LHRB INSTALL CYL. HUB WITH FLAT FACING LATCH BOLT FACE OF THE CHASSIS**

**NOTE: IF OUTSIDE CYLINDER IS NOT USED-REMOVE RETAINING RING, CYLINDER HUB, PIVOT PIN AND LATCH BOLT LEVER. USE INSTRUCTIONS FOR "10" SERIES ON OTHER SIDE OF PAGE.**

**A MARK VERTICAL & HORIZONTAL REFERENCE LINED ON DOOR**

DETERMINE LOCATION OF VERTICAL  $\phi$

DOOR

HORIZONTAL REFERENCE LINE

VERTICAL REFERENCE LINE ( $\phi$  CHASSIS)

2 1/4"

VERTICAL REFERENCE LINE ( $\phi$  CHASSIS)

41" FOR 5800 SERIES\*

41" FOR 12-5800 SERIES

FINISHED FLOOR

\* EXCEPT WHEN USING A.N.S.I. DOOR PREPARATION (SEE TEMPLATE)

**B PREPARE DOOR**

TAPE TEMPLATE ON DOOR ALONG REFERENCE LINES. SPOT AND DRILL HOLES

TAPE (SUPPLIED)

VERTICAL REFERENCE LINE

HORIZONTAL REFERENCE LINE

**C APPLY HARDWARE**

IF USED, ATTACH OUTSIDE PULL TRIM WITH (3) #12-24 FLAT HEAD MACH. SCREWS AND GROMMET NUTS.

WHEN TRIM IS NOT USED-ATTACH CHASSIS WITH (4) #10 x 1 1/4" FLAT HEAD WOOD SCREWS OR (4) #10-24 x 3/8" FLAT HEAD MACH. SCREWS

COLLAR (SUPPLIED WITH TRIM) FOR A.N.S.I. DOOR PREPARATION INSTALLATION ONLY

TAIL PIECE

CYLINDER HUB FLAT MUST BE VERTICAL WHEN OUTSIDE CYLINDER IS USED.

IF OUTSIDE CYLINDER IS USED, USE STANDARD RIM CYL. WITH FLAT TAIL EITHER HORIZONTAL OR VERTICAL-IT MUST BE POSITIONED AT BOTTOM OF TRIM, AS ILLUSTRATED. IF CYLINDER HUB IS NOT IN POSITION TO ACCEPT TAIL PIECE-THEN CHANGE HAND ACCORDING TO INSTRUCTIONS AT TOP OF PAGE.

**D APPLY RAIL ASSEMBLY**

- CHECK BOX LABEL. IF CUTTING IS NOT REQUIRED, PROCEED TO STEP 2.
- IF CUTTING IS REQUIRED, CONTINUE WITH STEP 1.

**1** DETERMINE CUT OFF DIMENSION "X" BY SUBTRACTING 1 3/4" FROM DIMENSION "Y". MARK CUT OFF POINT ON MOUNTING RAIL.

FOR DOORS WITH STILE, CUT OFF MUST LEAVE 1/2" MIN. OVERLAP WITH RAIL

VERTICAL REFERENCE LINE ( $\phi$  CHASSIS)

LOCK DOWN PUSH RAIL, CUT OFF AND DEBURR.

BOTTOM OF RAIL

PUSH RAIL

**CAUTION** DO NOT CUT CLOSER MORE THAN 2 1/2" FROM P.H. HD. SCREWS AT THE BOTTOM OF RAIL.

**2** DEPRESS ARM INTO RAIL OPENING AND SLIDE ONTO CHASSIS. LEVEL RAIL AND FASTEN MOUNTING PLATE.

LEVEL

MOUNTING PLATE

RAIL ASSEMBLY

ATTACH TO CHASSIS WITH (2) #8-32 x 3/8" TRUSS HEAD MACHINE SCREWS.

TIGHT AGAINST RAIL

ATTACH MOUNTING PLATE TO DOOR WITH (3) #10 x 1 1/4" RD. HD. WOOD SCREWS OR (3) #10-24 x 3/8" RD. HD. MACH. SCREWS

**E ASSEMBLE CYLINDER**

ASSEMBLE CYLINDER THRU HOLE IN COVER WITH CAM IN POSITION AS SHOWN. THREAD NUT ON CYLINDER AND TIGHTEN (USE NOTCHES IN NUT IF NECESSARY) TEST CYLINDER WITH KEY FOR FREE ROTATION. CAM MUST ENGAGE SWITCH.

CAM

CYLINDER

NUT

SWITCH

POSITION AS SHOWN

KEYWAY MUST FACE DOWN

**INSTALL BATTERY**

REMOVE PROTECTIVE TAPE FROM BATTERY TERMINALS. SNAP ON CONNECTOR AND INSTALL BATTERY IN HOLDER

ALARM AND ELECTRONIC MODULE, INSIDE

TAG REMOVE WHEN OUTSIDE CYLINDER IS USED

**F APPLY COVERS & STRIKE\***

**1** **IMPORTANT:** FULLY DEPRESS LATCH BOLT AND CAREFULLY FIT COVER ON TO CHASSIS, OTHERWISE MICROSWITCH MAY BE DAMAGED.

**2** ATTACH COVER TO CHASSIS WITH (4) #8-32 x 3/8" TRUSS HEAD MACH. SCREWS.

**3** ATTACH COVER TO DOOR WITH (2) #8 x 2 1/2" WOOD OR (2) #10-24 x 2" OVAL HEAD MACH. SCREWS.

ATTACH END CAP TO MOUNTING PLATE WITH (2) #8-32 x 3/8" OVAL HEAD MACHINE SCREWS

ATTACH STRIKE TO DOOR STOP WITH (2) STRIKE SCREWS AND LOCK WASHERS

PEEL OFF PAPER BACKING AND STICK WARNING SIGN ON PUSH RAIL

\*INSTRUCTIONS ARE PACKED WITH STRIKE

**CAUTION: ADJUST STRIKE SO THAT LATCH BOLT IS FREE TO EXTEND AT ALL TIMES**

# INSTALLATION INSTRUCTIONS

## 5800 & 12-5800 Series 10 Function Alarmed Exit Devices

### Exit Only (No Outside Cylinder) / Non-Handed / With or Without Outside Pull Trim

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# SARGENT®

# ASSA ABLOY

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RIGHT HAND REVERSE BEVEL ILLUSTRATED

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DETERMINE LOCATION OF VERTICAL REFERENCE LINE

HORIZONTAL REFERENCE LINE

CHASSIS PUSH RAIL

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41" FOR 12-5800 SERIES

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