

INSTALLATION INSTRUCTIONS

5800 & 12-5800 Series Alarmed Exit Devices Using OB Knob Outside Trim and LL Lever Handle Trim

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

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ASSA ABLOY

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 1/8"

LENGTH: 1 1/4"

COVER CONTAINS ELECTRONIC AND ALARM MODULE

CAM (OMITTED FROM 15 FUNCTION)

CHASSIS MOUNTING SCREWS

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 DOOR AT THE FACTORY.

RIGHT HAND REVERSE BEVEL LEFT HAND REVERSE BEVEL

1. REMOVE RETAINING RING AND CYLINDER HUB.

2. REMOVE LEFT PIVOT PIN FIRST, THEN REMOVE THE RIGHT PIVOT PIN AND LATCH BOLT LEVER. REASSEMBLE PARTS IN REVERSE ORDER.

3. CAUTION: FOR L.H.R.B. INSTALL CYL. HUB WITH FLAT FACING LATCH BOLT FACE OF THE CHASSIS

A MARK VERTICAL & HORIZONTAL REFERENCE LINED ON DOOR

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

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 1/4" FROM DIMENSION "Y". MARK CUT OFF POINT ON MOUNTING RAIL.

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

1 1/4" MIN. CUT-OFF LENGTH X Y

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.

LOCK DOWN PUSH RAIL, CUT OFF AND DEBURR.

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

TIGHT AGAINST RAIL BOTTOM OF 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

B PREPARE DOOR

IF DOOR IS ALREADY PREPARED WITH A.N.S.I. 2 1/2" BACKSET, 2 1/4" DIA. HOLE-POSITION TEMPLATE OVER THE EXISTING HOLE AND MARK FOR TWO CHASSIS MOUNTING SCREW HOLES

MAKE SURE VERTICAL REFERENCE LINE IS PARALLEL TO DOOR EDGE. THEN TAPE TO DOOR USING TAPE SUPPLIED SPOT AND DRILL HOLES

A.N.S.I. A156.2 SERIES 4000 GRADE 1 CROSS BORE HOLE

TAPE (SUPPLIED)

VERTICAL REFERENCE LINE

HORIZONTAL REFERENCE LINE

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

INSTALL BATTERY

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

ALARM AND ELECTRONIC MODULE INSIDE KEYWAY MUST FACE DOWN

F APPLY COVERS & STRIKE*

1. **IMPORTANT:** MAKE SURE THAT FLAT ON CYLINDER HUB IS VERTICAL. FLAT SURFACE OF CAM MUST BE ON LEFT SIDE.

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

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

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

PEEL OFF PAPER BACKING AND STICK WARNING SIGN ON PUSH RAIL.

NOTE: APPLY DECAL TO OUTSIDE OF DOOR, FOR 08A TRIM FUNCTION ONLY.

OPENING DOOR SOUNDS ALARM *INSTRUCTIONS ARE PACKED WITH STRIKE.

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

FULLY DEPRESS LATCH BOLT AND CAREFULLY FIT COVER ONTO CHASSIS, OTHERWISE MICROSWITCH MAY BE DAMAGED.

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

C APPLY HARDWARE

- OB & LL TRIM IS NON-HANDED
- MAKE SURE ROSE IS SCREWED DOWN ALL THE WAY.
- WITH KEYHOLE FACING DOWN POSITION KNOB TRIM IN CROSS BORE HOLE AND ATTACH TO CHASSIS WITH 2 #10-32 ROUND HEAD MACHINE SCREWS.

FOR MOUNTING LEVER HANDLE TRIM SEE INSTRUCTION SHEET PACKED WITH TRIM.

CHASSIS MOUNTING PLATE LL TRIM OB KNOB KNOB TRIM

USE THESE MOUNTING HOLES FOR RIGHT HAND REVERSE BEVEL USE THESE MOUNTING HOLES FOR LEFT HAND REVERSE BEVEL