

Installation Instructions for SSS-SPS_Mortise Lock (Electrified Models)

Please contact dormakaba tech support with questions and comments.

Door conditions may vary... please use your best efforts to ensure a proper installation.

The SPSL provides facilities and care providers with the highest level of ligature-resistant door hardware. Great effort has been made to respect life-safety, operational and code-compliance requirements. Please note that all door hardware and other elements which protrude from the face of the door pose risks to patients and no hardware can be a replacement for constant observation and supervision to prevent bodily harm.

Mortise Lock Model Elements:

Note: Parts change by function

Qty Description

1	Exterior Lever Assembly
1	Interior Base
2	Half-Spindles with stoppers springs
1	Interior Lever & Shank
1	Interior Trim Security Mounting Screw
1	Mortise Lock Body
1	4-7/8" Strike Plate
2	8-32 x 1/2" MS, PH
2/2	6-32 x 1/4" MS, Hex Socket/TORX-TR
4/4	12-24 x 1/2" MS, PH/TORX-TR
4/4	#12 x 3/4" Wood Screw, PH/TORX-TR

Use PH/Socket or TORX-TR screws as desired
Rounded shank spindle used for classroom function
Mortise cylinder(s) when required by others

Tools Required:

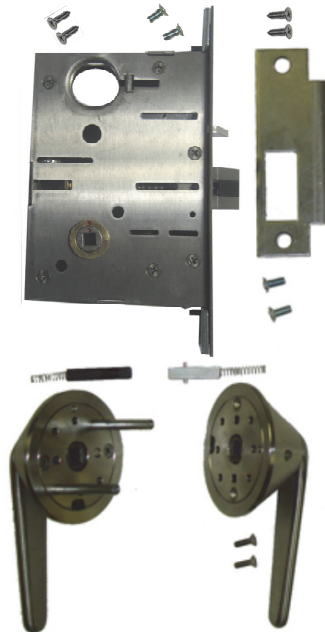
Phillips head screwdrivers
T10 and T20 Pin-in-head torx drivers
Blue LOCTITE®

See Following Page For Information By Function

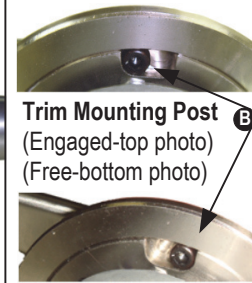
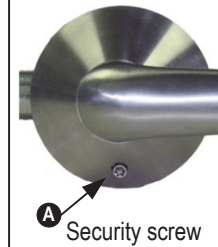
dormakaba USA Inc.

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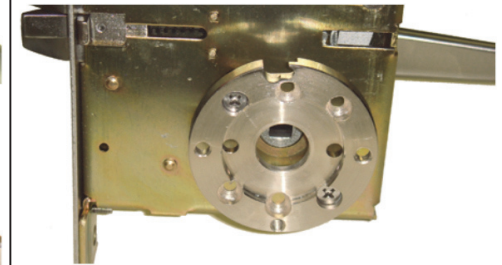
Mortise Lock Models v2 R Function shown



Interior Trim



Trim Mounting Post
(Engaged-top photo)
(Free-bottom photo)

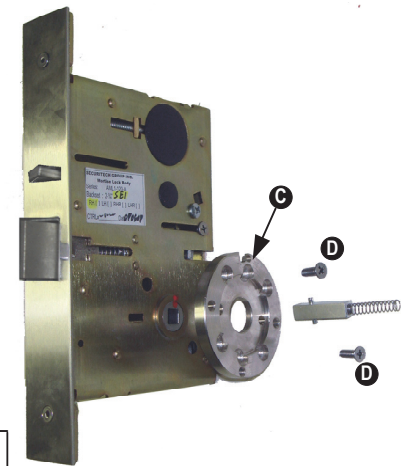


PREPARATION:

The exterior trim is the side with the long posts affixed. The interior trim is shipped with the base held in place by the trim mounting post and the security screw.

Remove the (A) security screw, using a T20 pin-in-head torx bit. The interior trim is "locked" into the base by the trim mounting post (B). Rotate the base (C) slightly to separate. Do not unscrew the post!

Remove the lock faceplate by unscrewing the two (2) hex socket screws prior to lock body installation.



INSTALLATION:

(A standard 1-1/4"x8" mortise prep is required)

1. Insert the lock body in the mortise opening. Fasten with two (2) 12-24 MS or (2) #12 Wood Screws (PH or TORX). Fasten the face plate with two (2) 6-32 x 1/4" MS (Socket or TORX).

2. Insert spindle into exterior lever (spring goes in the lever) and align posts through lock body and spindle into opening. Press trim flush with the door.

Please Note: Exterior spindle type may change due to function. **See Reverse Side.**

3. Place the interior base (C) on the door, with the slot on the top. Fasten with two (2) 8-32 x 1/2" MS (D).

4. Insert spindle into interior lever (spring goes in the lever) and place onto base. Rotate slightly so that the trim mounting post locks in place. If the interior rotates too easily, the trim may not fit snugly on the door. Tighten the Trim Mounting Post (B) 1/4 turn and reaffix the trim. It should take some effort to lock into place. Fasten with interior trim security screw (A). We recommend affixing a drop of blue LOCTITE® to the screw.

5. Install the cylinder or cylinders, if required by function.

6. Install the strike with two (2) 12-24 MS or (2) #12 Wood Screws (PH or TORX).

CHECK FOR OPERATION

The levers must move freely and without any friction. The levers should spring easily. Moving the lever upward won't retract the latch.



Test the levers during the installation:
They should always move freely

ADDITIONAL INFORMATION FOR MORTISE LOCK MODELS

INSTALLATION INFORMATION

PASSAGE MODELS: ON

Installation is identical to cylindrical latch, except mortise lock body is used and mounting screws are on the diagonal.

ASYLUM MODELS: W1-W2

Install cylinders with Best "C4" cams. Use the appropriate rings.

STOREROOM MODELS: D

Install cylinders with Best "C4" cams. Use the appropriate rings. Do not install a spindle in the exterior trim.

CLASSROOM FUNCTION MODELS: R - INL

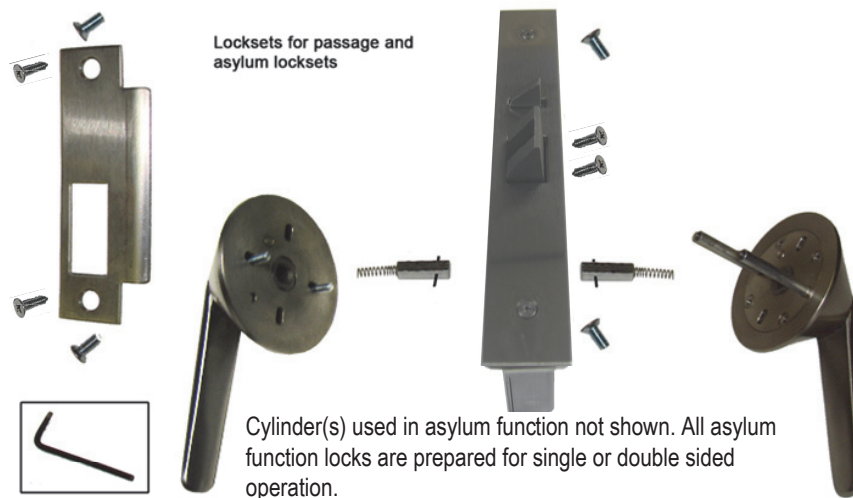
Install cylinders with Best "C4" cams. Use the appropriate rings. The spindle with the rounded section must be used on the exterior side of the door.

LT - BATHROOM PRIVACY FUNCTION

- 1 Interior Ligature-Resistant Thumb turn
- 1 Exterior coin turn cylinder

Same Elements as R - INL
(See SPSL Privacy Installation Instructions)

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PASSAGE MODEL ELEMENTS

Qty	Description ON
1	Exterior Escutcheon Assembly
1	Interior Escutcheon Assembly (Shipped with mounting screws attached)
2	Half-Spindles With Springs
1	Mortise Lock Body: Passage (shipped with face plate attached)
1	4-7/8" Strike Plate
2/2	6-32 x 1/4" MS Hex Socket/TORX-TR
4/4	12-24 x 1/2" MS, PH/TORX-TR
4/4	#12 x 3/4" Wood Screw, PH/TORX-TR

W10-W20-ASYLUM

Same Elements as W1-W2
Except Interior Escutcheon Assembly is replaced by blank plate

A-OFFICE FUNCTION

1 Interior Ligature-Resistant thumb turn

Same Elements as R - INL
(See SPSL Privacy Installation Instructions)

ASYLUM MODEL ELEMENTS

Qty	Description W1-W2
1	Exterior Escutcheon Assembly
1	Interior Escutcheon Assembly (Shipped with mounting screws attached)
1	Mortise Lock Body: Storeroom (shipped with face plate attached)
1	4-7/8" Strike Plate
2/2	6-32 x 1/4" MS Hex Socket/TORX-TR
4/4	12-24 x 1/2" MS, PH/TORX-TR
4/4	#12 x 3/4" Wood Screw, PH/TORX-TR

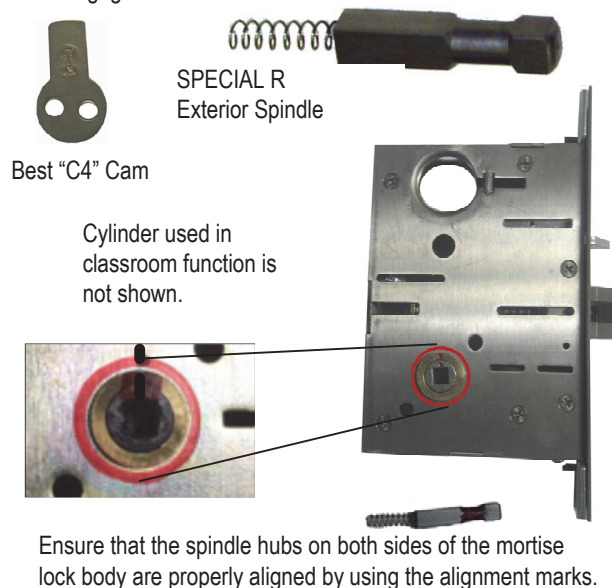
STOREROOM MODEL ELEMENTS

Qty	Description D
1	Exterior Escutcheon Assembly
1	Interior Escutcheon Assembly (Shipped with mounting screws attached)
1	Half-Spindle with Spring
1	Mortise Lock Body: Storeroom (shipped with face plate attached)
1	4-7/8" Strike Plate
2/2	6-32 x 1/4" MS Hex Socket/TORX-TR
4/4	12-24 x 1/2" MS, PH/TORX-TR
4/4	#12 x 3/4" Wood Screw, PH/TORX-TR

CLASSROOM FUNCTION OPERATION:

The exterior lever never becomes rigid. When the classroom function is engaged, the lever will move upward and downward, but will not retract the latch.

The latch can be retracted after the classroom mode is disengaged.



CLASSROOM MODEL ELEMENTS

Qty	Description R - INL
1	Exterior Escutcheon Assembly
1	Interior Escutcheon Assembly (Shipped with mounting screws attached)
1	Half-Spindle with Spring
1	Half-Spindle with Rounded Shank
1	Mortise Lock Body: Classroom (shipped with face plate attached)
1	4-7/8" Strike Plate
2/2	6-32 x 1/4" MS Hex Socket/TORX-TR
4/4	12-24 x 1/2" MS, PH/TORX-TR
4/4	#12 x 3/4" Wood Screw, PH/TORX-TR