

SSS-SPSL Mortise Deadbolt Function Locksets Installation Instructions

Please contact dormakaba USA inc. 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 for latch and deadbolt
- 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
Mortise cylinder(s) required for deadbolt;
provided by others

See Following Page For Information By Function

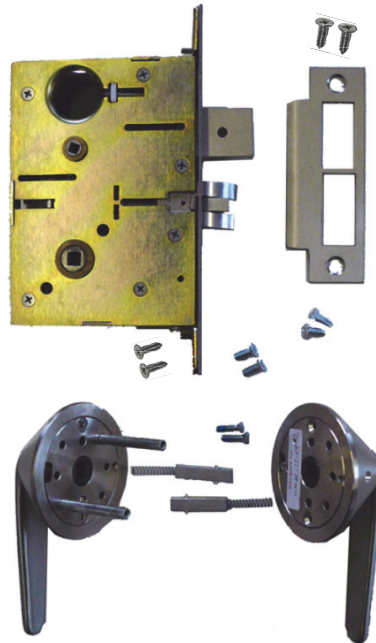
Tools Required:

- Phillips head screwdrivers
- T10 and T20 Torx-TR driver
- Blue LOCTITE®

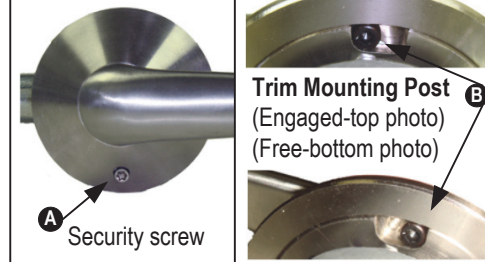
Cam Required:
Cloverleaf cam (with flat wings) is to be used



Mortise Lock Models v2 ML Function shown



Interior Trim

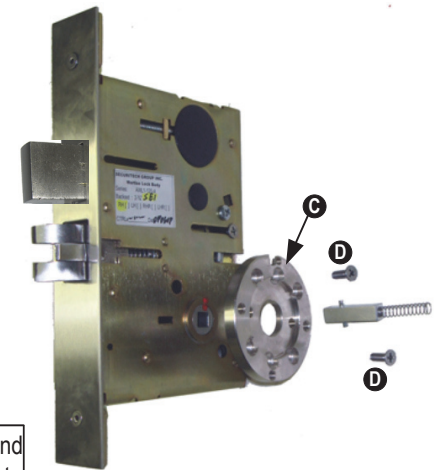
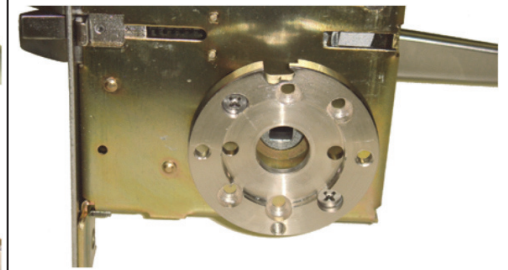


PREPARATION:

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.
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. The interior lever retracts the latch and deadbolt (when projected). Moving the lever upward won't retract the latch.



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

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ADDITIONAL INFORMATION FOR MORTISE LOCK MODELS

INSTALLATION INFORMATION

ASYLUM DEADBOLT MODELS:

- W3
- W4
- W30
- W40
- T
- IND
- IND2
- TLL

Install cylinders with Best "C258"cams. Use the appropriate rings.



Ensure that the spindle hubs on both sides of the mortise lock body are properly aligned by using the alignment marks.

ELEMENTS:

1) IND2

DEADBOLT MODEL	
Qty	Description
1	Exterior Escutcheon Assembly
1	Interior Escutcheon Assembly (Shipped with mounting screws attached)
1	Mortise Lock Body (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

2) W3

ASYLUM DEADBOLT MODEL	
Qty	Description
1	Exterior Escutcheon Assembly
1	Interior Escutcheon Assembly (Shipped with mounting screws attached)
1	Half-Spindle with Spring
1	Mortise Lock Body: Asylum Deadbolt (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

3) T - IND

DEADBOLT MODEL	
Qty	Description
1	Exterior Escutcheon Assembly
1	Interior Escutcheon Assembly (Shipped with mounting screws attached)
2	Half-Spindle with Spring
1	Mortise Lock Body: Dormitory (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

4) W4

ASYLUM DEADBOLT MODEL	
Qty	Description
1	Exterior Escutcheon Assembly
1	Interior Escutcheon Assembly (Shipped with mounting screws attached)
2	Half-Spindle with Spring
1	Mortise Lock Body: Asylum Deadbolt (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

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W30 - W40 - ASYLUM
Same Elements as W3
Less Interior Escutcheon Assembly
1 Interior Blank Plate

TLL/IND3 - DEADBOLT MODEL
Same Elements as T-IND Less
1 Half Spindle with Spring