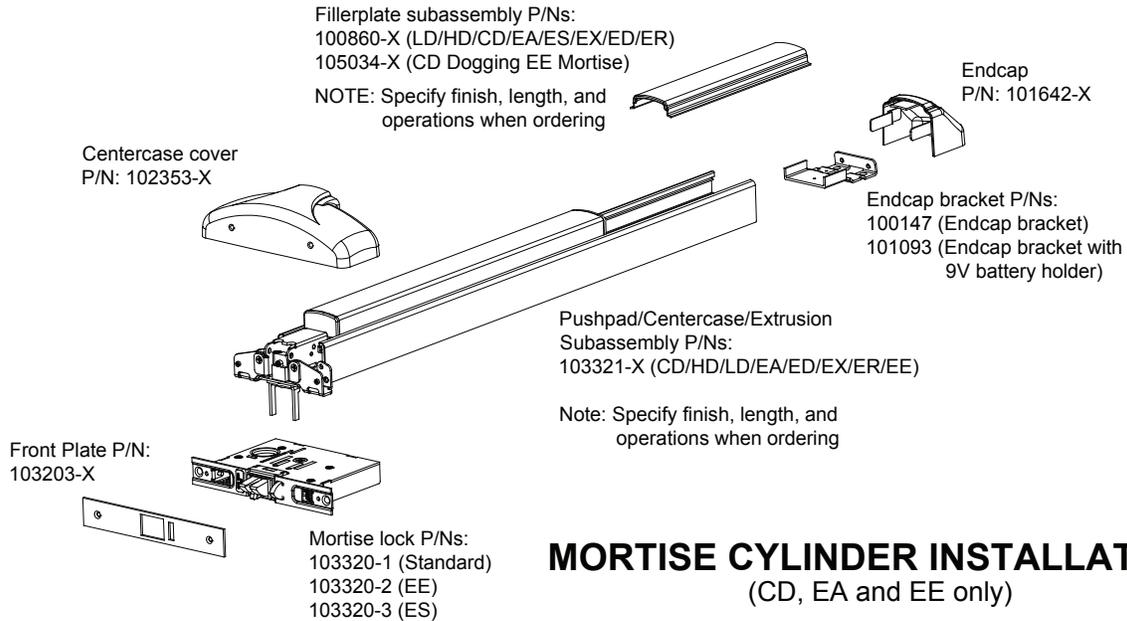


Detex Corporation, 302 Detex Drive, New Braunfels, Texas 78130-3045
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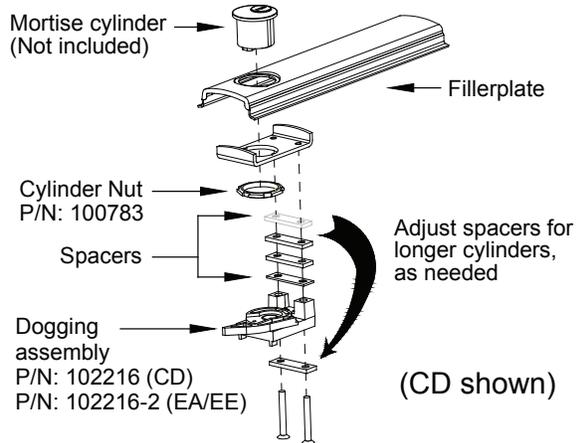
INSTALLATION INSTRUCTIONS FOR MORTISE LOCK AND ADVANTEX DEVICE

MORTISE LOCK and **ADVANTEX**® DEVICE INSTALLATION INSTRUCTIONS (30 and F30 Series)

PARTS BREAKDOWN DEPICTION



MORTISE CYLINDER INSTALLATION (CD, EA and EE only)



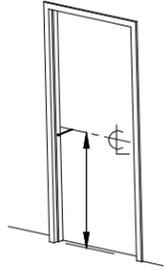
STRIKES			
Model No.	Depiction	Part No.	Description
90		103285-X	ANSI strike
OPTIONAL STRIKES			
91		103294-X	ANSI flat lip strike
92		103286-X	Double door short open back strike
93		103289-X	Double door long open back strike

(Note: LHR installation shown)

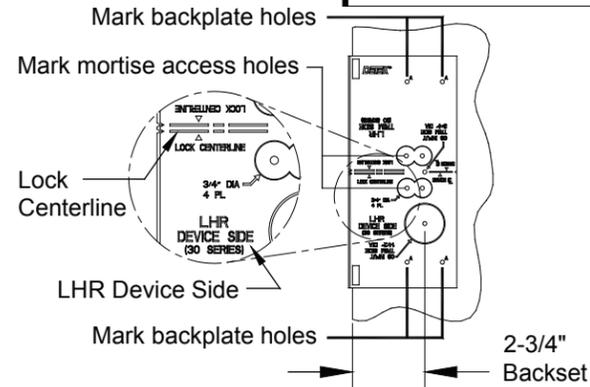
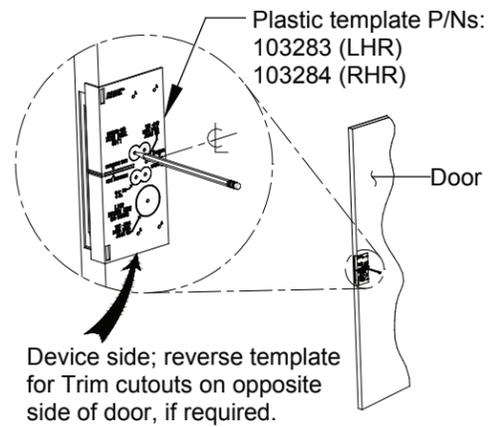
STEPS 1-2: INSTALL MORTISE LOCK

1 Use plastic template to mark and drill mortise lock and backplate holes

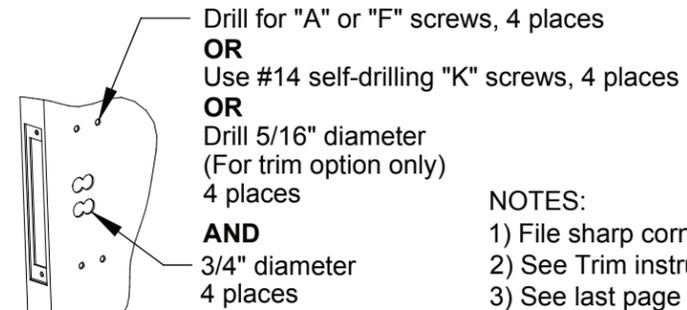
Door prepared to ANSI A115.13
See T2000 (metal) and T2001 (wood)
templates



Mark centerline for device
40" above finished floor



Machine Screws						Sheet Metal / Wood Screws	
A	B	D	E	H	I	F	J
#1/4-20 x 1"	#1/4-20 x 1/4"	#6-32 x 3/8"	#10-32 x 5/16"	#8-32 x 1/2"	#12-24 x 1/2"	#14 x 1-1/4"	#12 x 1"
Drill Size: #7 or Ø13/64"						Drill Size: Ø3/16 for wood	



NOTES:

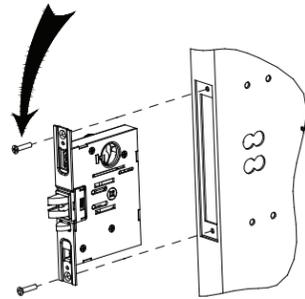
- 1) File sharp corners to complete slots where needed.
- 2) See Trim instructions where applicable for drilling trim holes.
- 3) See last page for drilling outside key control (03) function hole.
- 4) See electrical instructions for wiring electrical devices.



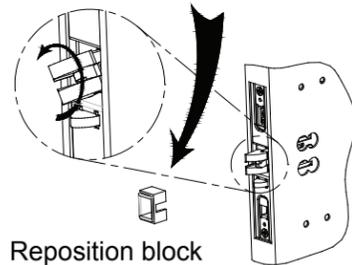
STEP 3: INSTALL BACKPLATE

2 Install mortise lock

Install lock with (2) "I" screws or
(2) "J" screws for wood doors

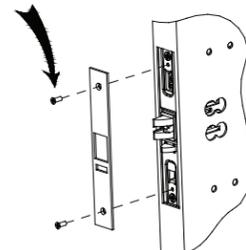


To change lock HANDING:
Remove block and rotate latchbolt

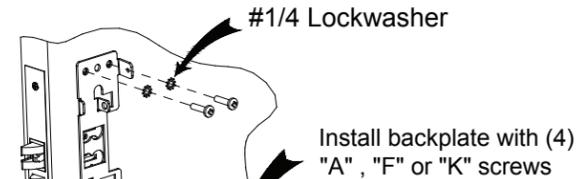


Reposition block
after handing

Install plate with (2)
"H" screws



3 Install backplate & trim or outside key control



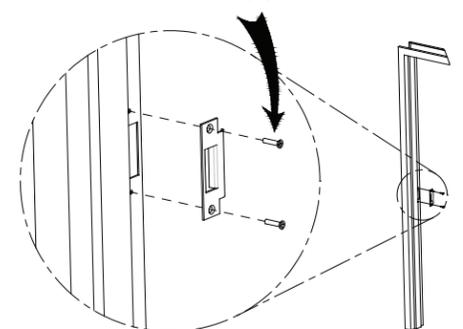
NOTE:

- (1) See Trim instructions where applicable
- (2) See last page for outside key control (03) function installation

STEP 4: INSTALL STRIKE

4 Install Strike

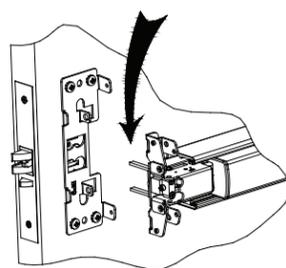
Install strike with (2) "I" screws



STEPS 5-7: INSTALL DEVICE

5 Install device to backplate

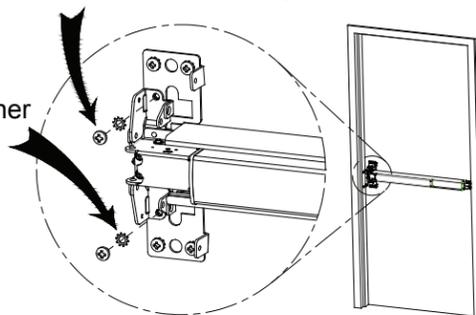
Align fingers with
mortise lock in door



IMPORTANT!

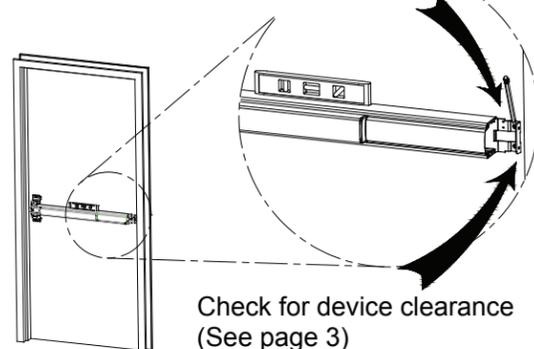
Fasten device to backplate with (2) "B" screws.
If screws are not installed, warranty is void.

#1/4
Lockwasher



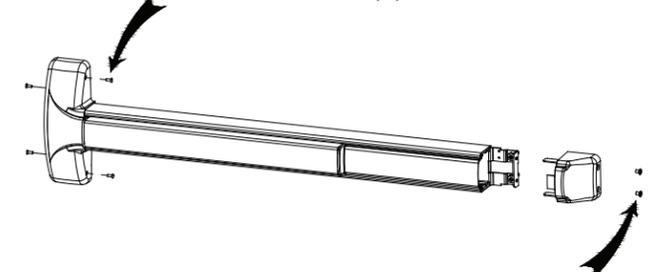
6 Level device and install endcap bracket

Drill for "A" or "F" screws, 2 places
OR use #14 self-drilling "K" screws



7 Install endcap and cover

Install cover with (4) "D" screws



Install endcap with (2) "E" screws

STEP: INSTALLING OUTSIDE KEY CONTROL (03) FUNCTION

1 Use plastic template to mark and drill hole (Trim side only)		2 Install cylinder after lock is installed	
<p>CAUTION! Mortise lock not installed for this step</p> <p>40" above finished floor</p> <p>Align template with device centerline</p>		<p>Drill 1-1/4" dia, one side</p> <p>Install lock with (2) "I" screws or (2) "J" screws for wood doors. Fasten screws loosely.</p>	
		<p>Turn cylinder CW</p> <p>Cylinder and collar NOT supplied, but can be ordered separately. Cylinder P/N: 102281-X Collar P/N: 103303</p>	<p>Tighten screws</p> <p>Tighten screw nearest cylinder side of door only</p> <p>Continue with Step 3 on page 2</p>

TROUBLE SHOOTING

Adjust centercase fingers, if latchbolt will not retract fully

Loosen (2) screws & turn center screw CCW for latchbolt adjustment

Detail G

See Detail G

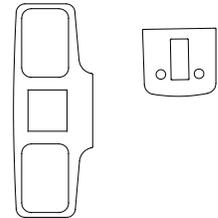
Tighten screws after adjustment

Optional Accessories

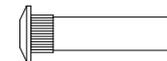
Glass Bead Kit

Part No: 103319

#1/4-20 X 1-1/2" Screw
(4) Included



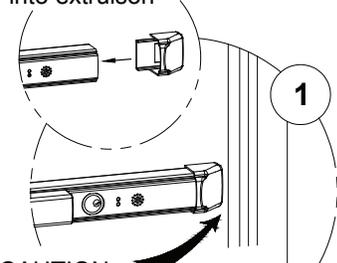
Sex Nut



The #1/4-20 kit is available in (4) finishes:

Part No: 101616-2 Brushed Brass BHMA 606 Finish
Part No: 101616-5 Oil Rubbed Bronze BHMA 613 Finish
Part No: 101616-7 Brushed Chrome BHMA 626 Finish
Part No: 101616-9 Stainless Steel BHMA 630 Finish

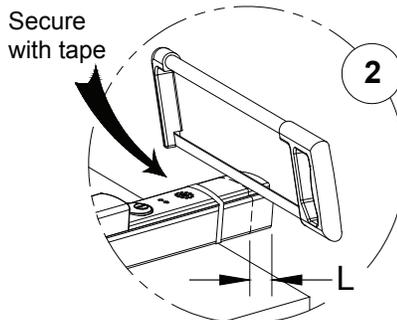
Slide endcap assembly into extrusion



CAUTION:
Check for device and door frame clearance. If no cut-off needed proceed with step 6 on page 2.

CHECKING FOR DEVICE CLEARANCE

(Steps for cut-off procedure, if required)



Type	Max Cut-Off	
	36" Unit	48" Unit
EA	2 in	8 in
CD/HD/LD/EX	6 in	12 in
ED	2 in	8 in
ER	---	6 in
EE	---	6 in

NOTE:

- 1) Cut fillerplate and extrusion to desired length.
- 2) Protect wires during cutting