

Detex Corporation, 302 Detex Drive, New Braunfels, Texas 78130-3045
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INSTALLATION INSTRUCTIONS FOR ADVANTEX MORTISE LOCK 30 & F30 SERIES DEVICE & "W" (Weatherized) MODELS



Drawing #: 103200 (SS)
104695 (AL)

U.S. PATENT NUMBERS:

6009732
6205825B1
6532777B2

INTERNATIONAL PATENT NUMBER:
PCT6009732

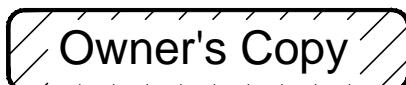
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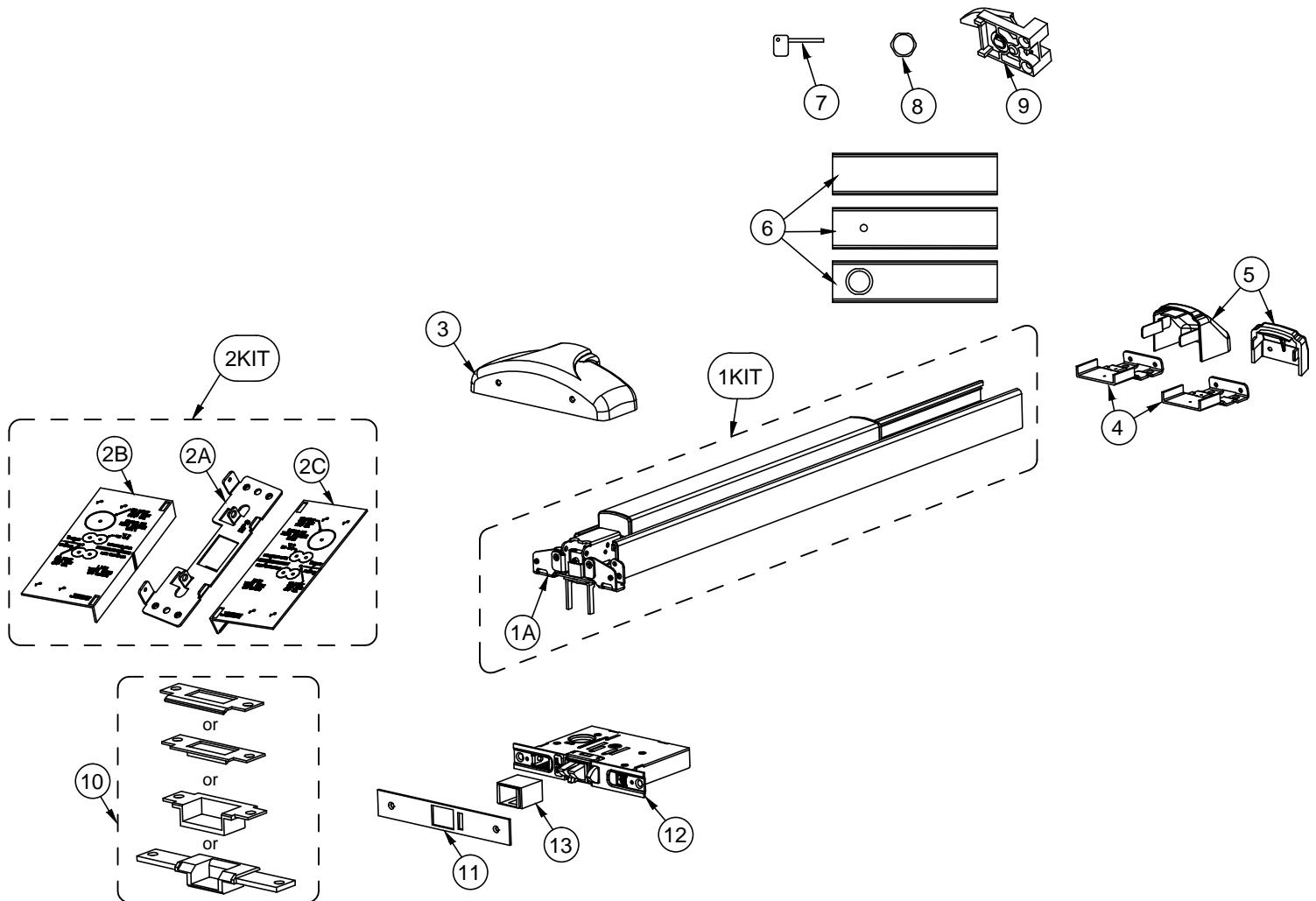
Should you have a Question/Problem with your Detex device please call Detex Technical Support from the job site at 1-800-729-3839 and choose option 2 on our menu. Please do not return the product to the distributor.

For **WARRANTY** information,
scan code below or
go to www.detex.com/warranty



For device installation videos,
scan code below or
go to www.detex.com/videos

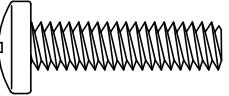
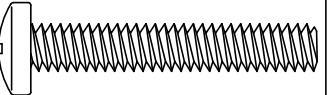
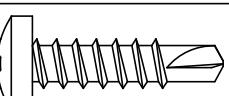
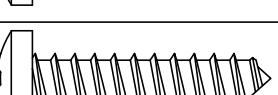
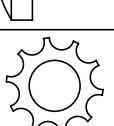
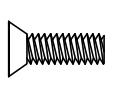
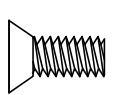
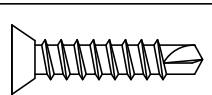




PARTS BREAKDOWN		
Item	Order Part #	Description
1KIT	105500-X	Centercase/Pushpad SubAssembly (includes 1A)
1A	100698-2	Centercase Assembly, Wide Stile
2KIT	103806-9	Mounting Plate/Strike Locator Kit, Mortise (includes 2A, 2B & 2C)
2A	103215	Mounting Plate, BP9
2B	103284	Template, RHR, Mortise
2C	103285	Template, LHR, Mortise
3	102353-1	Centercase Cover, Stainless Steel, Wide, 10 series, 630
	104601-1	Centercase Cover, Aluminum, Wide, 10 series, 628
4	100147	Endcap bracket for EC1 (ramped) endcap w/o battery holder
	101093	Endcap bracket for EC1 (ramped) endcap w/ battery holder
	104303	Endcap bracket for EC2 (flush) endcap w/o battery holder
	104636	Endcap bracket for EC2 (flush) endcap w/ battery holder
5	101642-9	Endcap, EC1 (ramped) Stainless Steel, 630
	104304-9	Endcap, EC2 (flush) Stainless Steel, 630
	104612-1	Endcap, EC2 (flush) Aluminum, 628
6		Fillerplate, Subassembly, S&R, Less Dogging, LD, 10 series, 36"
		Fillerplate, Subassembly, S&R, Hex Dogging, HD, 10 series, 36"
		Fillerplate, Subassembly, S&R, Cylinder Dogging, CD, 10 series, 36"
7	100450	Hex Key (for Hex Dogging)
8	100783	Cylinder Nut (for Cylinder Dogging)
9	102216-2	Hex Dogging Assembly
	102216	Cylinder Dogging Assembly
10	103285-X	Strike Kit, ANSI (includes hardware)
	103294-X	Strike Kit, ANSI, flat lip (includes hardware)
	103286-X	Strike Kit, Double door, short open back (includes hardware)
	103289-X	Strike Kit, Double door, long open back (includes hardware)
11	103203-X	Front plate
12	103320-1	Mortise lock, standard
	103320-2	Mortise lock, EE
	103320-3	Mortise lock, ES
13	103273	Latchbolt block

Your particular part or configuration may not be shown:
 Contact Detex technical support at 800-729-3839 (option 2)

Hardware Table for BASIC device mounting.
Additional hardware is provided per the device configuration

	Fastener Part No	Drill Bit
	P/N: 100980 1/4-20 x 1" PPH	#7 or 13/64"
	P/N: 100954 1/4-20 x 1-1/2" PPH	#7 or 13/64"
	P/N: 101621-5 1/4-20 x 1/4" PPHMS	#7 or 13/64"
	P/N: 101632-2 10-32 x 5/16" PFHUMS (multiple finishes included)	-----
	P/N: 100162-106 6-32 x 3/8" PFHUMS (multiple finishes included)	-----
	P/N: 103276-63 #14 x 1" PPH self-drilling	1/8 pilot hole recommended for self-drilling screws
	P/N: PP-5183-110 #14 x 1-1/4" PPH wood screw	1/8 pilot hole recommended for wood screws
	P/N: PP-5067-25 #14 Lockwasher	
	P/N: 100156-108 #8-32 x 1/2 "	-----
	P/N: PP-5802-118 12-24 x 1/2"	-----
	P/N: 103253-52 #12 x 1" self-drilling	-----

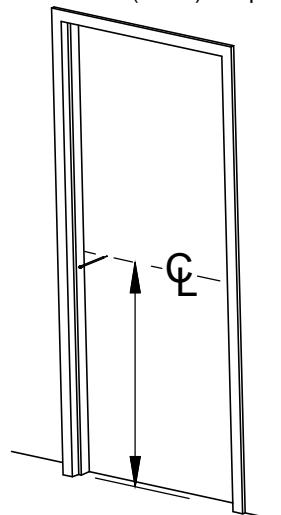
Tools Required:

Safety Glasses	Pencil	Phillips & small flat Screw Drivers
Power Drill	Hammer	Combination Square
Tape Measure	Pliers	Center Punch
Level	1/4-20 Tap	Saw for cutting device if necessary (chop saw preferred)

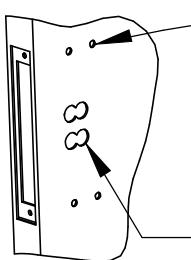
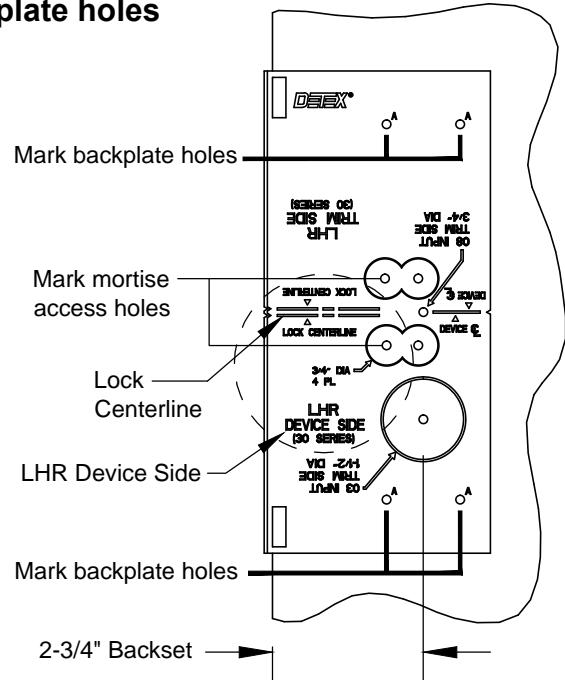
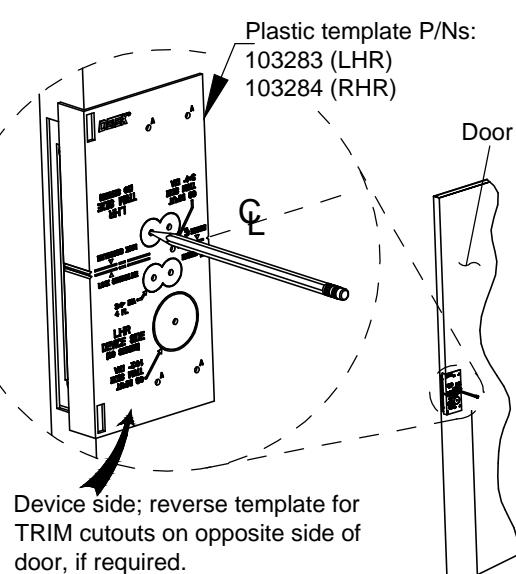
STEP 1: DOOR PREP (Note: LHR installation shown)

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



Drill for "A" or "F" screws (4 places)
OR
Use #14 self-drilling "K" screws (4 places)
OR
Drill 5/16" diameter
(For trim option only, 4 places)
AND
3/4" diameter 4 places

NOTES:

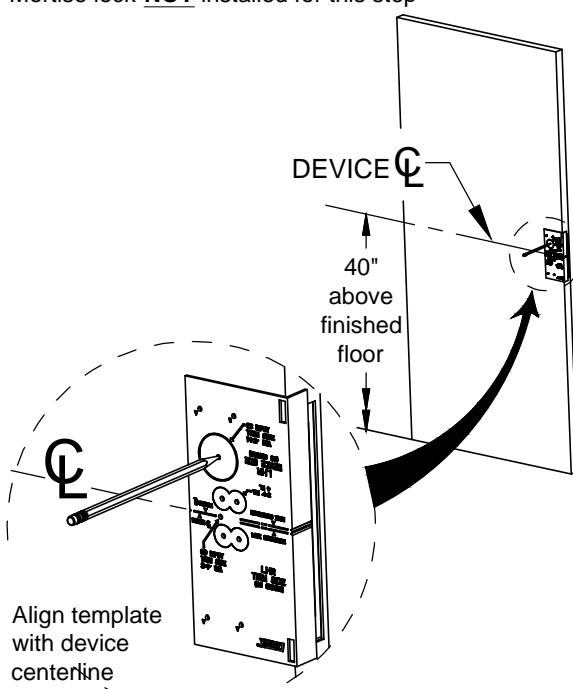
- 1) File sharp corners to complete slots where needed.
- 2) See Trim instructions where applicable for drilling trim holes.
- 3) See electrical instructions for wiring electrical devices.

STEP 2: INSTALLING OKC (03) FUNCTION (if not required, skip to STEP 3)

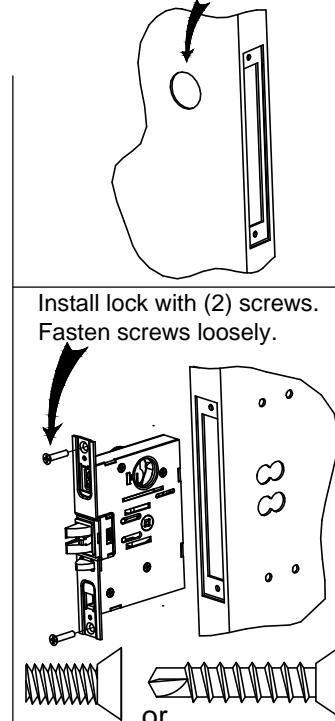
Use plastic template to mark and drill hole (Trim side only)

CAUTION!

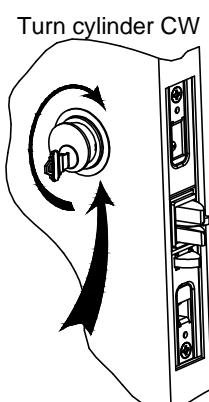
Mortise lock NOT installed for this step



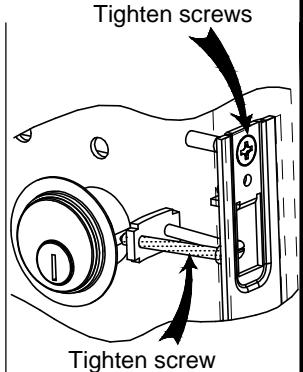
Drill 1-1/4" dia, one side



Install cylinder AFTER lock is installed



Cylinder and collar
NOT supplied, but can
be ordered separately.
Cylinder P/N: 102281-X
Collar P/N: 103303

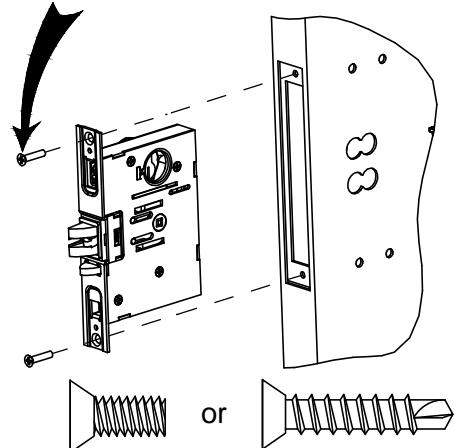


Continue with Step 3

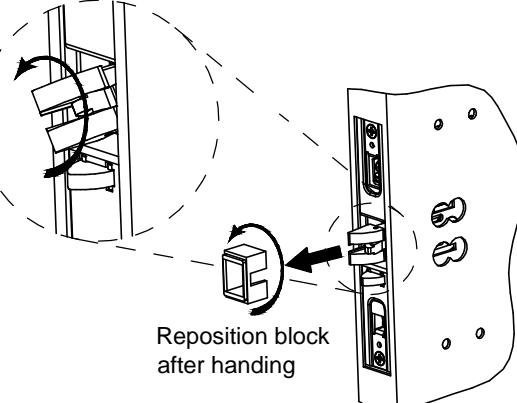
STEP 3: INSTALL MORTISE LOCK

Install mortise lock

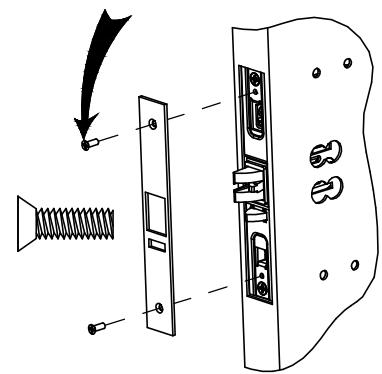
Install lock with (2) screws



To change lock HANDING:
Remove block and rotate latchbolt



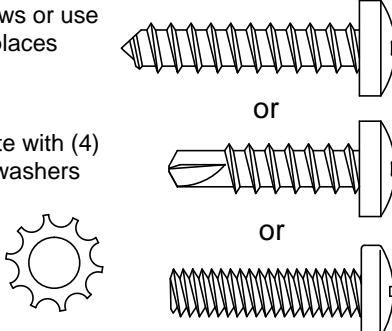
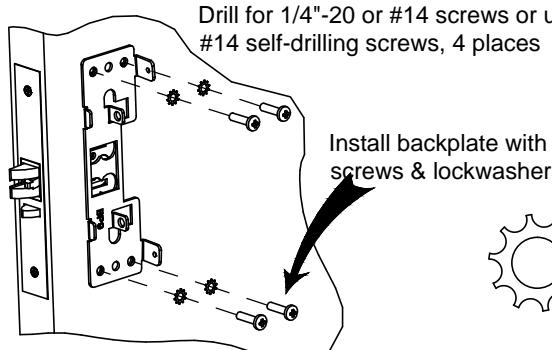
Install plate with (2) screws



STEP 4: INSTALL BACKPLATE

Install backplate & trim for outside key control

Drill for 1/4"-20 or #14 screws or use
#14 self-drilling screws, 4 places

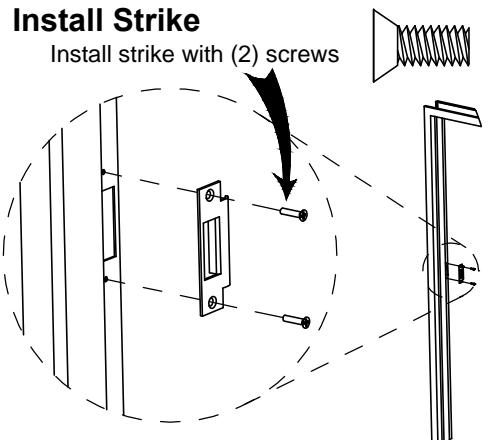


NOTE: See Trim instructions where applicable

STEP 5: INSTALL STRIKE

Install Strike

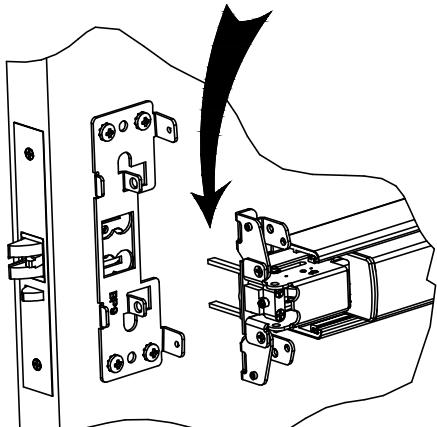
Install strike with (2) screws



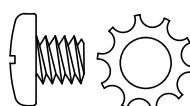
STEPS 6-8: INSTALL DEVICE

6 Install device to backplate

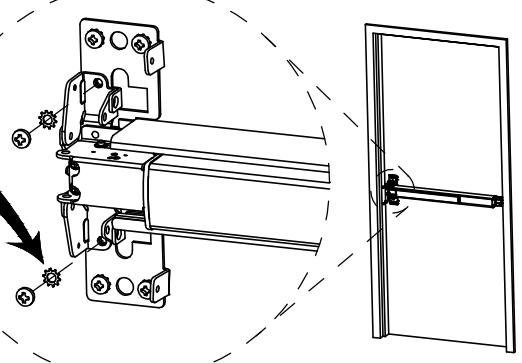
Align fingers with
mortise lock in door



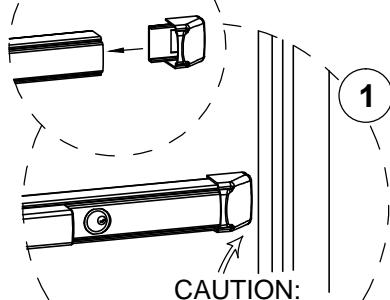
IMPORTANT!



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



Slide endcap assembly onto extrusion



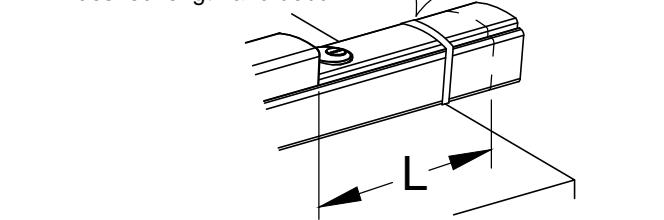
CHECKING FOR DEVICE CLEARANCE (Cut-Off procedure if required)

Minimum Fillerplate Length	
Type	Length (L)
LD	2-1/2"
HD/CD	3"

Check for device and door frame clearance.
If no cut-off needed, proceed to the next page.

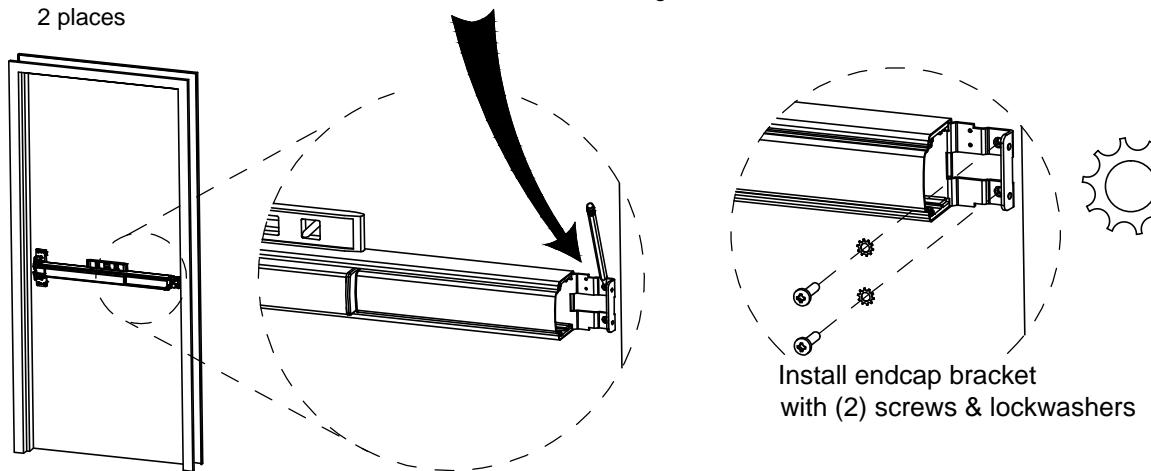
For aluminum Advantex finish cutdown applications: After cutting, the baseplate extrusion can be reversed to place the cut end inside the head cover. To do so, loosen the setscrew inside the aluminum baseplate extrusion and slide extrusion out, reverse, & slide back in. Tighten setscrew.

2 Cut fillerplate and extrusion STRAIGHT & SQUARE to desired length and deburr

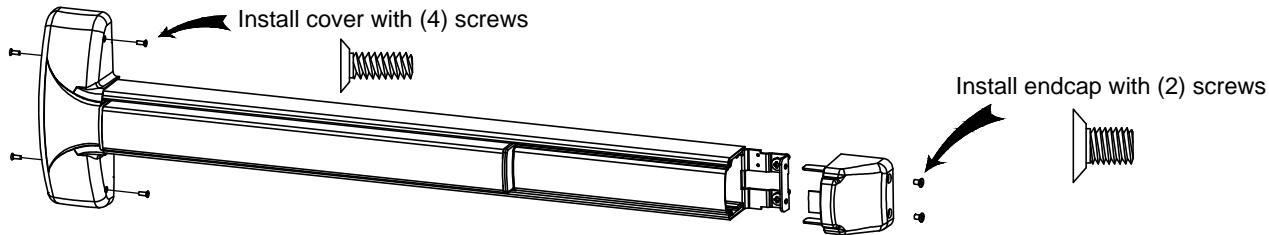


7 Level device and install endcap bracket

Mark & Drill for 1/4"-20 or #14 screws or use #14 self-drilling screws
2 places

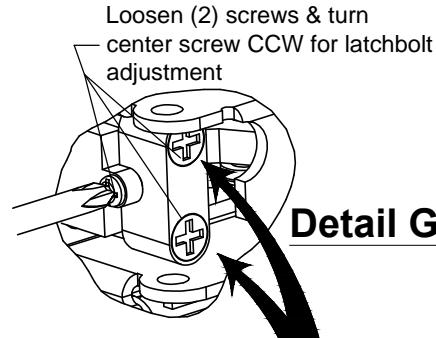
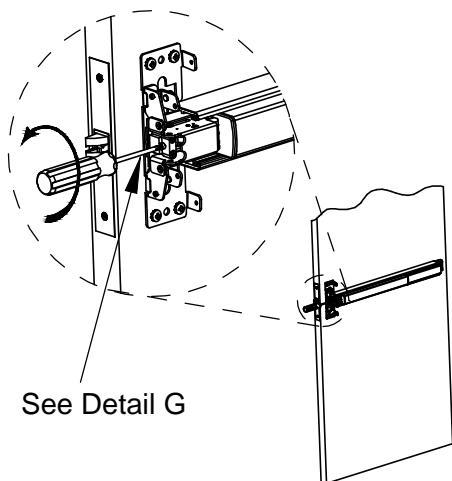


8 Install endcap and cover



TROUBLESHOOTING

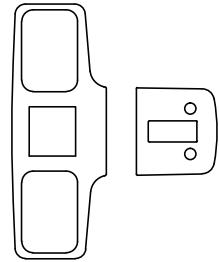
Adjust centercase fingers, if latchbolt will not retract fully



Tighten screws after adjustment

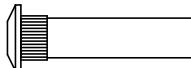
Optional Accessories

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