



# INSTALLATION INSTRUCTIONS

## LR100Y6K-EM

### YALE ELECTRIC LATCH RETRACTION DEVICE KIT

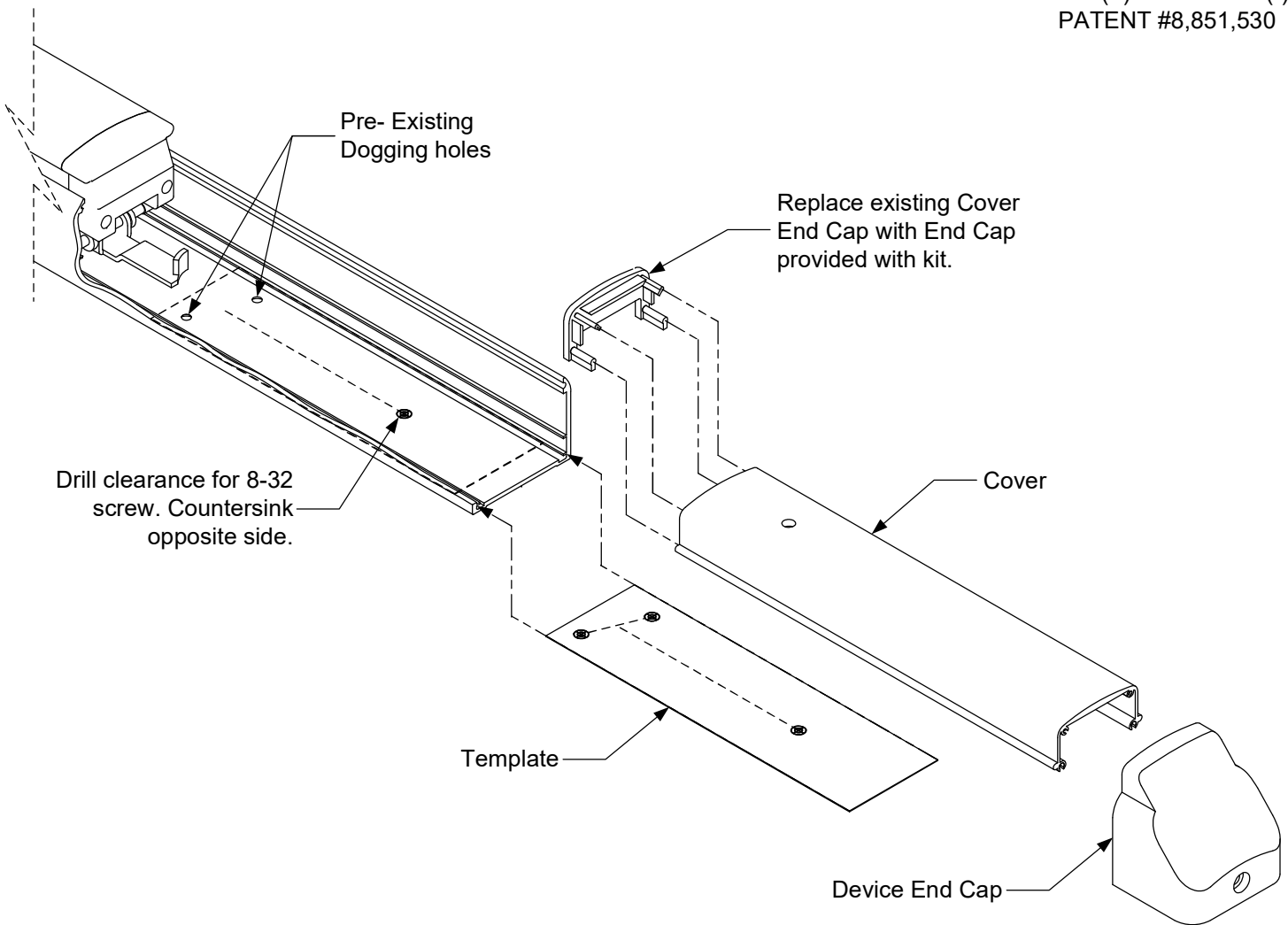
#### MODELS: 6100ED RIM

**Retrofit Installation Note:** 42" or 48" exit devices that have been modified to fit a 36" or smaller opening may not have the required space to fit the standard E. L. R. assembly. Always verify the distance from the end of the touchpad to the end rail and, if necessary, consult with the factory for appropriate selection.

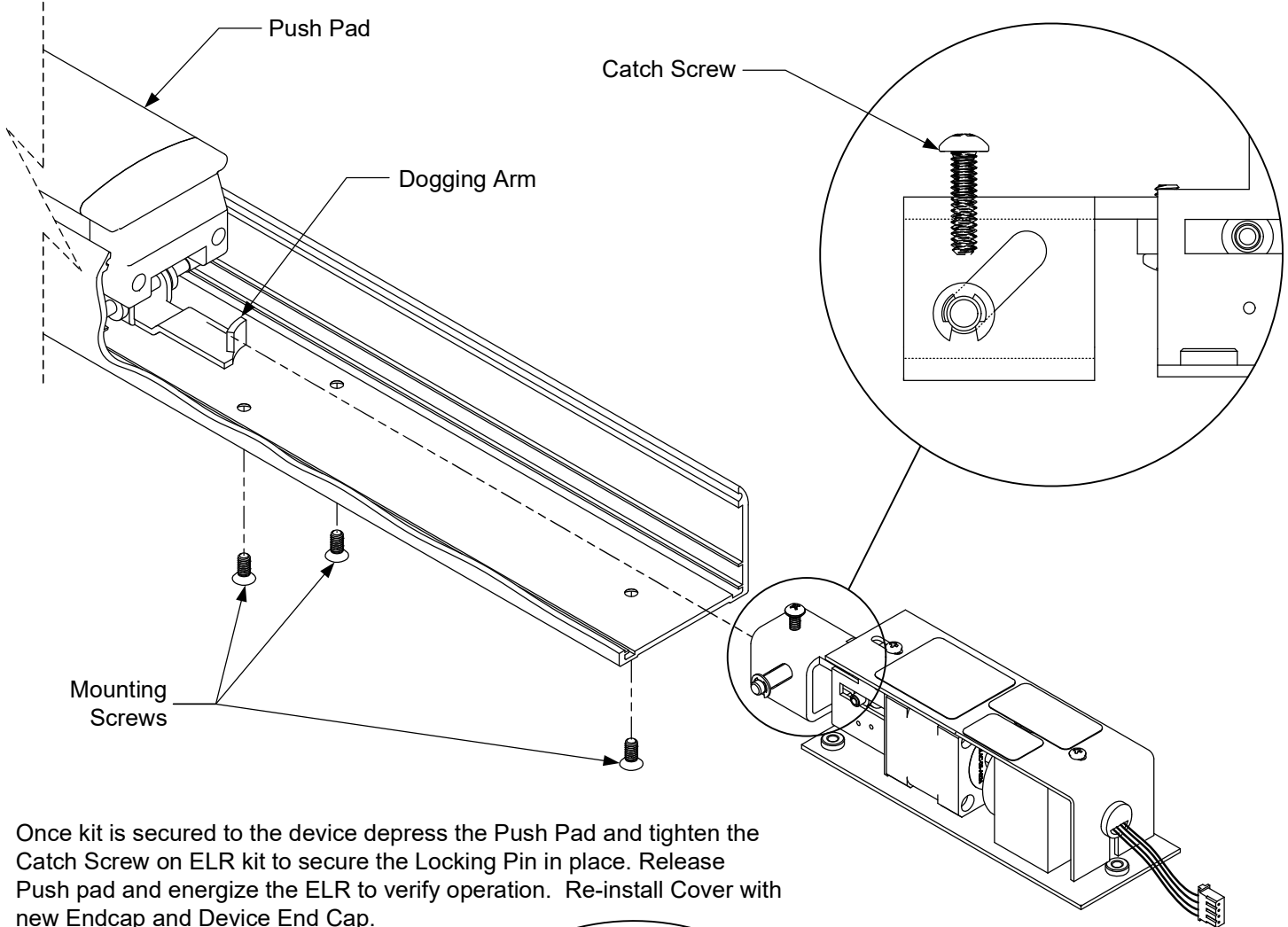
Remove the Device End Cap and Cover from exit device. Replace the existing Cover End Cap with the provided replacement End Cap packaged with ELR kit.

If present, remove mechanical dogging assembly. Use the provided Template to add required mounting hole. Drill clearance as indicated for a 8-32 screw . Countersink the opposite side of rail extrusion.

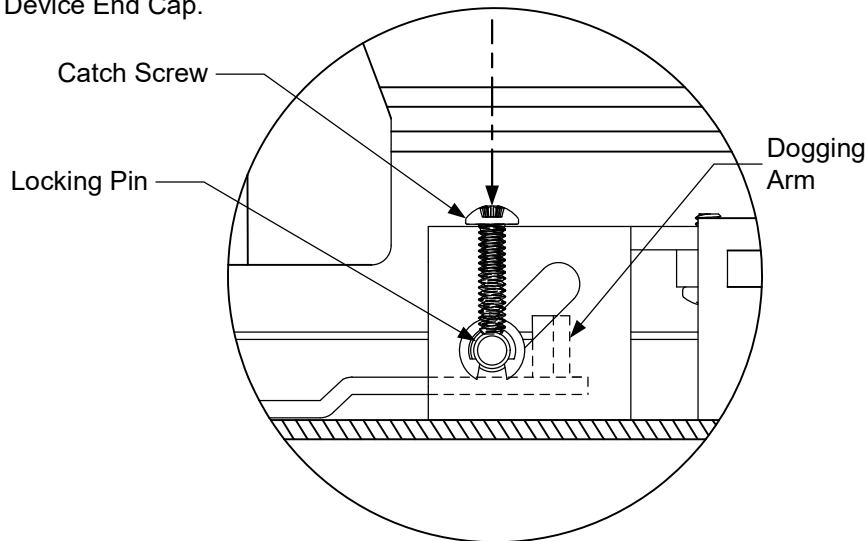
**ELECTRICAL DATA**  
24VDC +/- 10%  
1.5A Inrush / 200mA holding  
RED (+)      BLK (-)  
PATENT #8,851,530



Slide the ELR assembly into the rail extrusion over the Dogging Arm within the device. Loosen the Catch Screw if required to allow for the ELR to be inserted over Dogging Arm. Fasten the ELR assembly to the rail extrusion of device as illustrated below using the provided mounting screws from ELR kit.

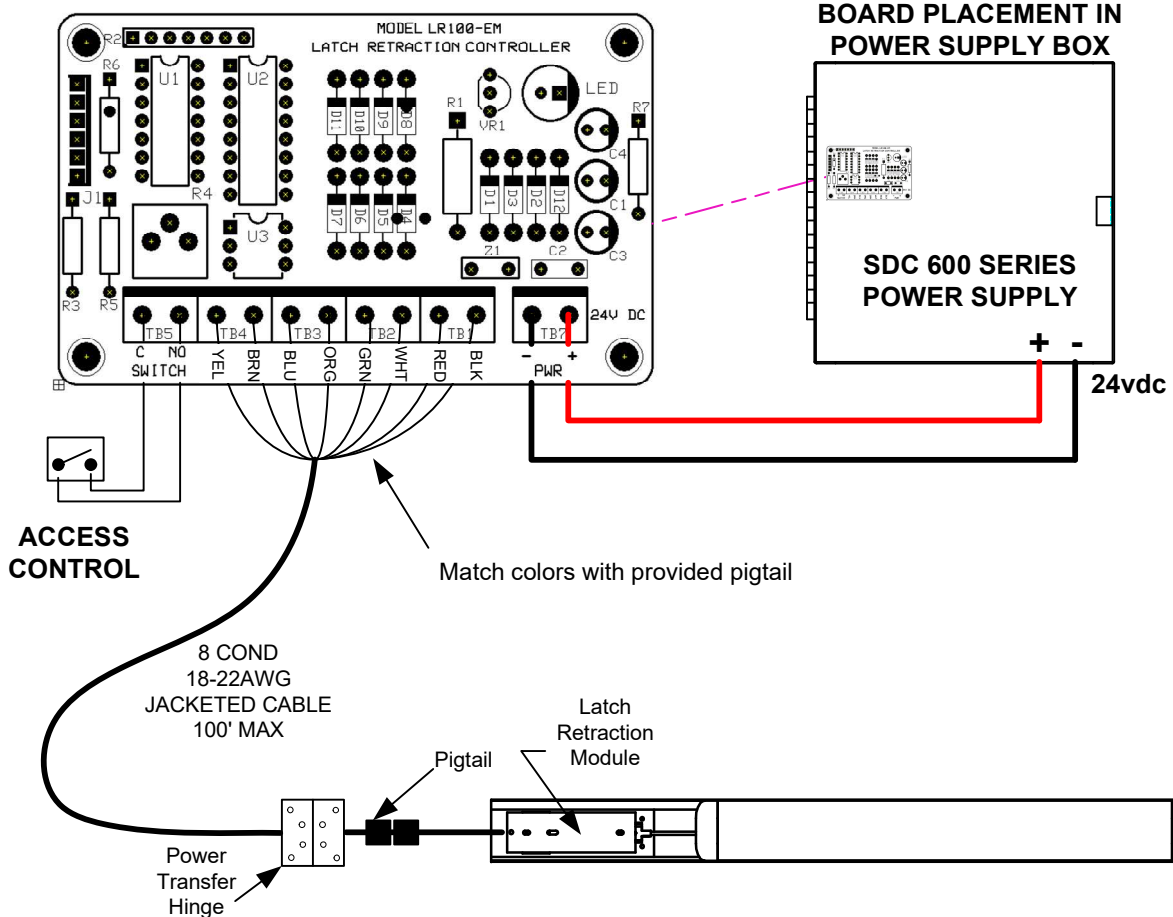


Once kit is secured to the device depress the Push Pad and tighten the Catch Screw on ELR kit to secure the Locking Pin in place. Release Push pad and energize the ELR to verify operation. Re-install Cover with new Endcap and Device End Cap.



**NOTE Retro-Fitting Vertical Rod Devices:**

Before retro-fitting an electric latch assembly into a vertical device, the following must be done to ensure proper alignment. Disconnect the vertical rods from the device head. Once the ELR is properly installed energize it so that the push pad is dogged down, by doing so it will allow for proper alignment for the vertical rods. Finally reconnect the vertical rods to the device and make the proper adjustments.



Wire colors from provided Pigtail must connect to the same colors marked on PCB. If the Jacketed Cable does not have the same colors as the Pigtail, use the following chart to mark the color connections from Pigtail to Jacketed Cable to PCB.

<u>PIGTAIL</u>	<u>JACKETED CABLE</u>	<u>PCB</u>
BLACK	→	BLACK
RED	→	RED
WHITE	→	WHITE
GREEN	→	GREEN
ORANGE	→	ORANGE
BLUE	→	BLUE
BROWN	→	BROWN
YELLOW	→	YELLOW