

INSTALLATION INSTRUCTIONS

LR100YDK-EM

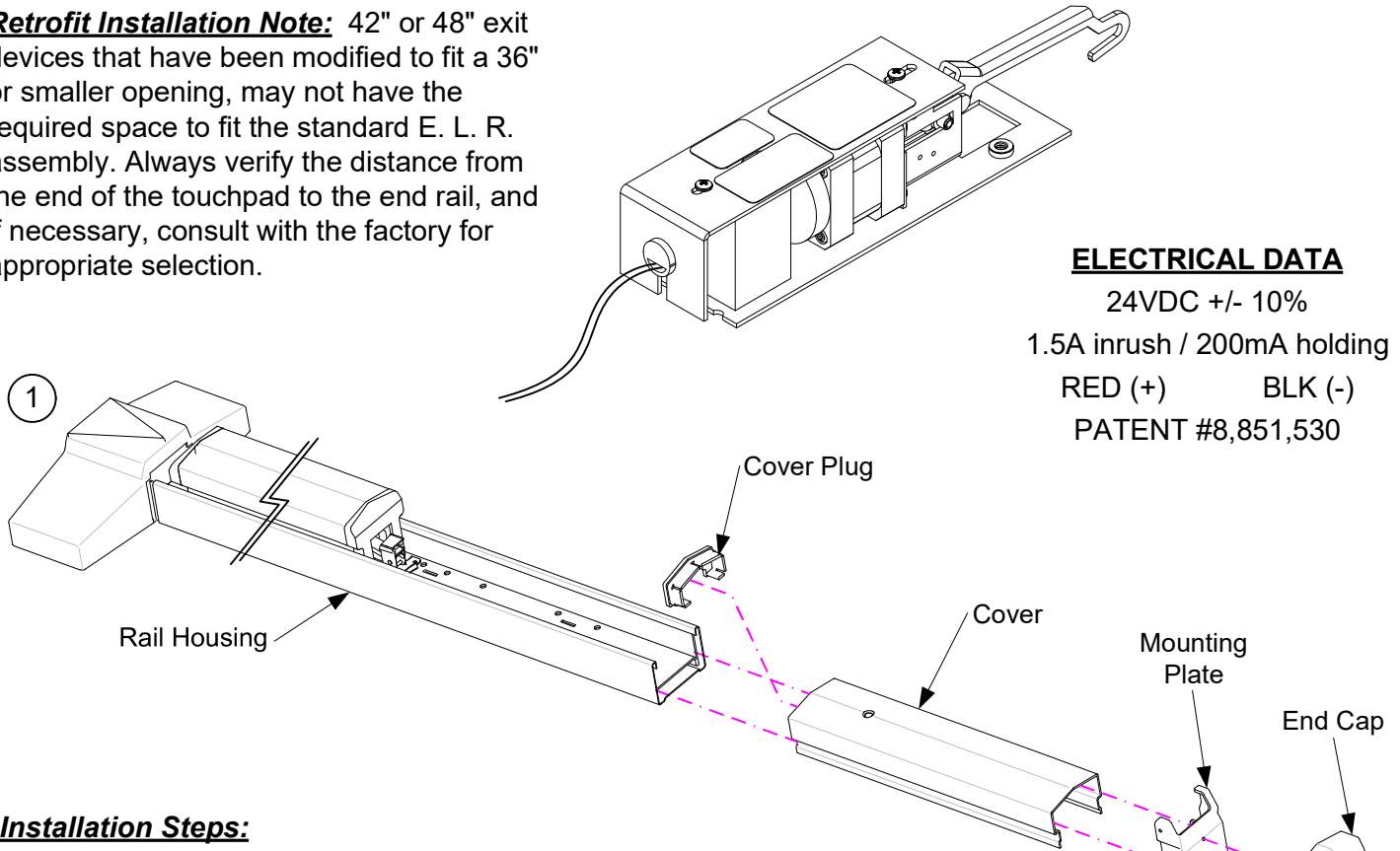
YALE ELECTRIC LATCH RETRACTION DEVICE KIT

MODELS: 7100, 7100-2, 7110, 7120, 7200 & 7210

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.

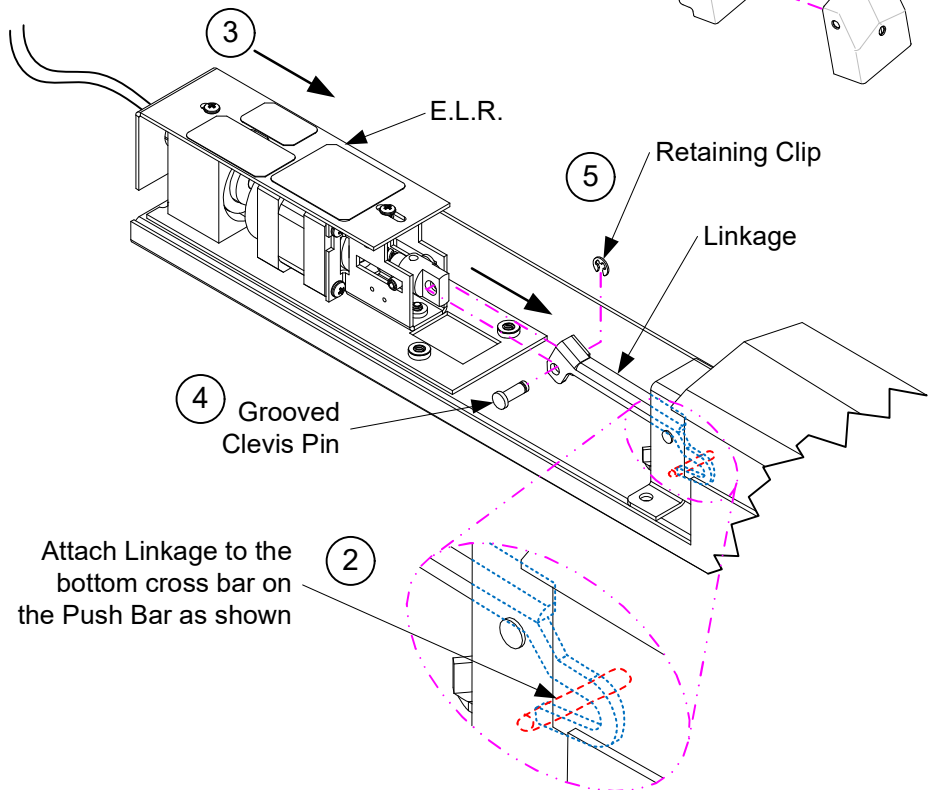
ELECTRICAL DATA

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



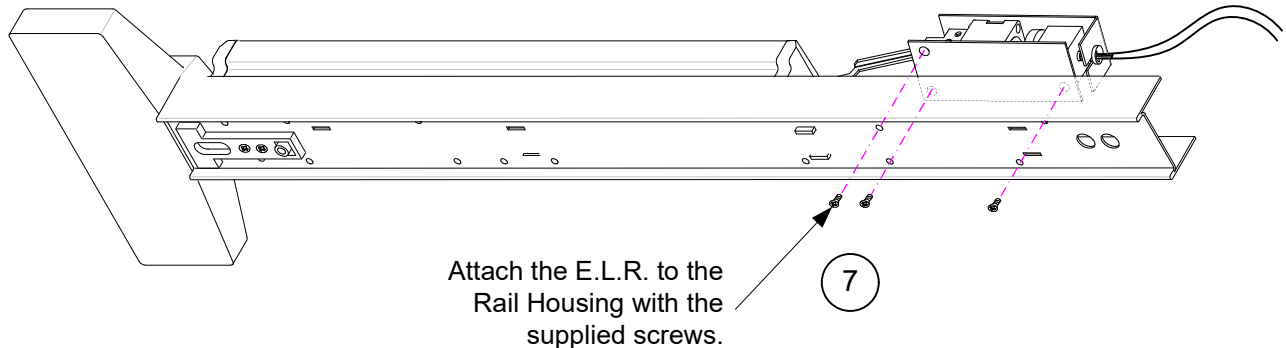
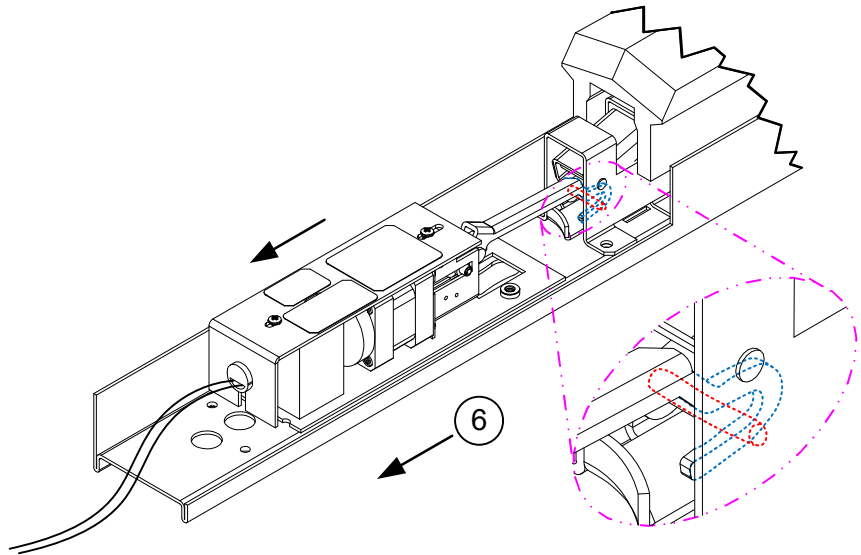
Installation Steps:

1. Remove the Exit Device's End Cap, Mounting Plate, Cover, Cover Plug, Rail Housing, and Dogging.
2. While holding the Exit Device's Push Bar down, hook the Linkage to the bottom cross bar on the Exit Device's Push Bar.
3. Slide in the E.L.R. into end of the Rail Housing.
4. Insert Grooved Clevis Pin through the Linkage and E.L.R. connecting the two together.
5. Secure the Grooved Clevis Pin in place with the Retaining Clip.



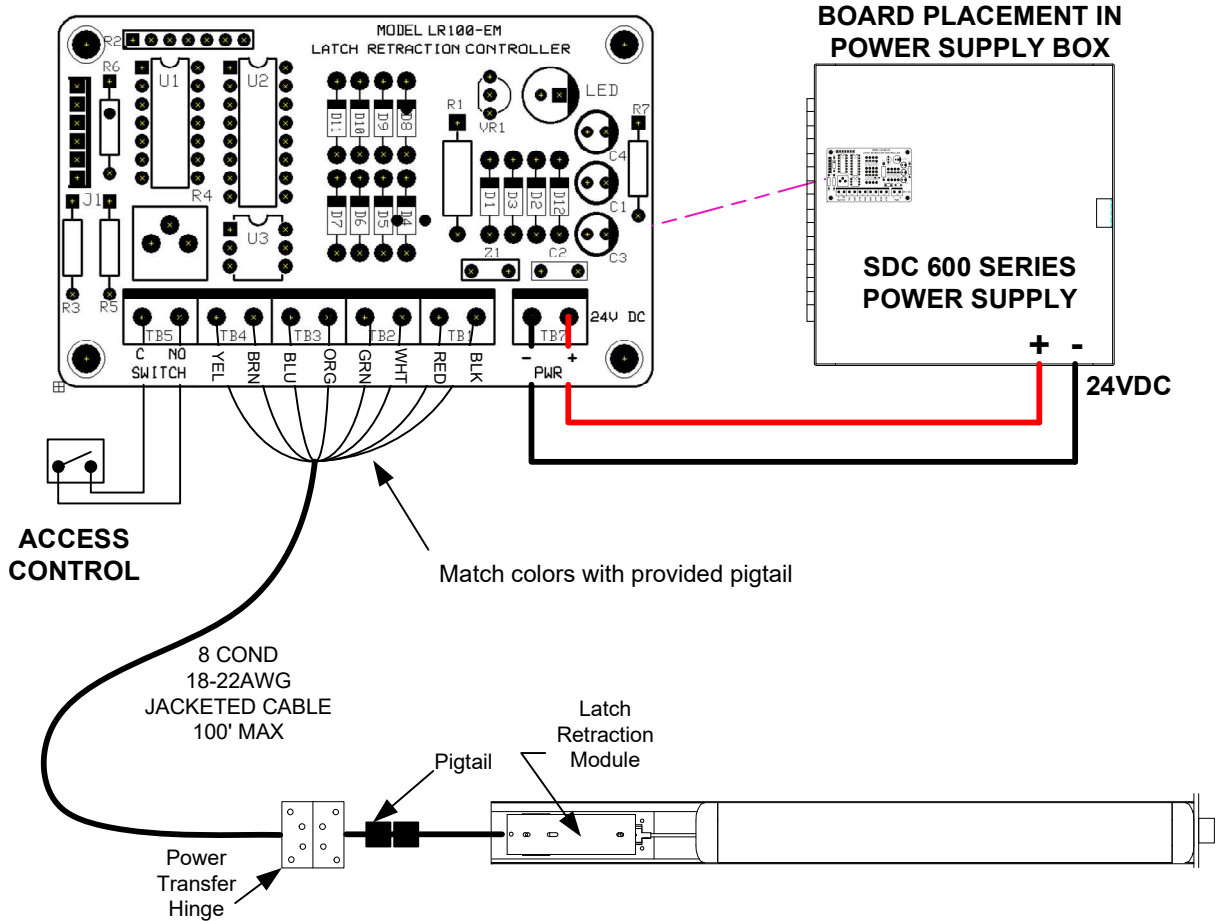
Installation Steps Cont.:

6. Pull Back on E.L.R. ensuring Linkage still hooked on the bottom cross bar on the Exit Device's Push Bar. Also, align the mounting holes between E.L.R. and Rail Housing.
7. Secure the E.L.R. to the Rail Housing with the supplied screws.
8. Test the E.L.R. ensuring proper engagement and the Linkage is pulling back the Exit Device's Push Bar and Latch.
9. Reinstall the Exit Device's Cover Plug, Cover, Mounting Plate, and End Cap.



Note for Retro-Fitting Vertical Rod Devices:

When retrofitting to existing vertical rod devices, adjustment of the rods is required for proper operation of the Electric Latch Retractor. Once the unit is properly installed, energize it so the latch is dogged down, then 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