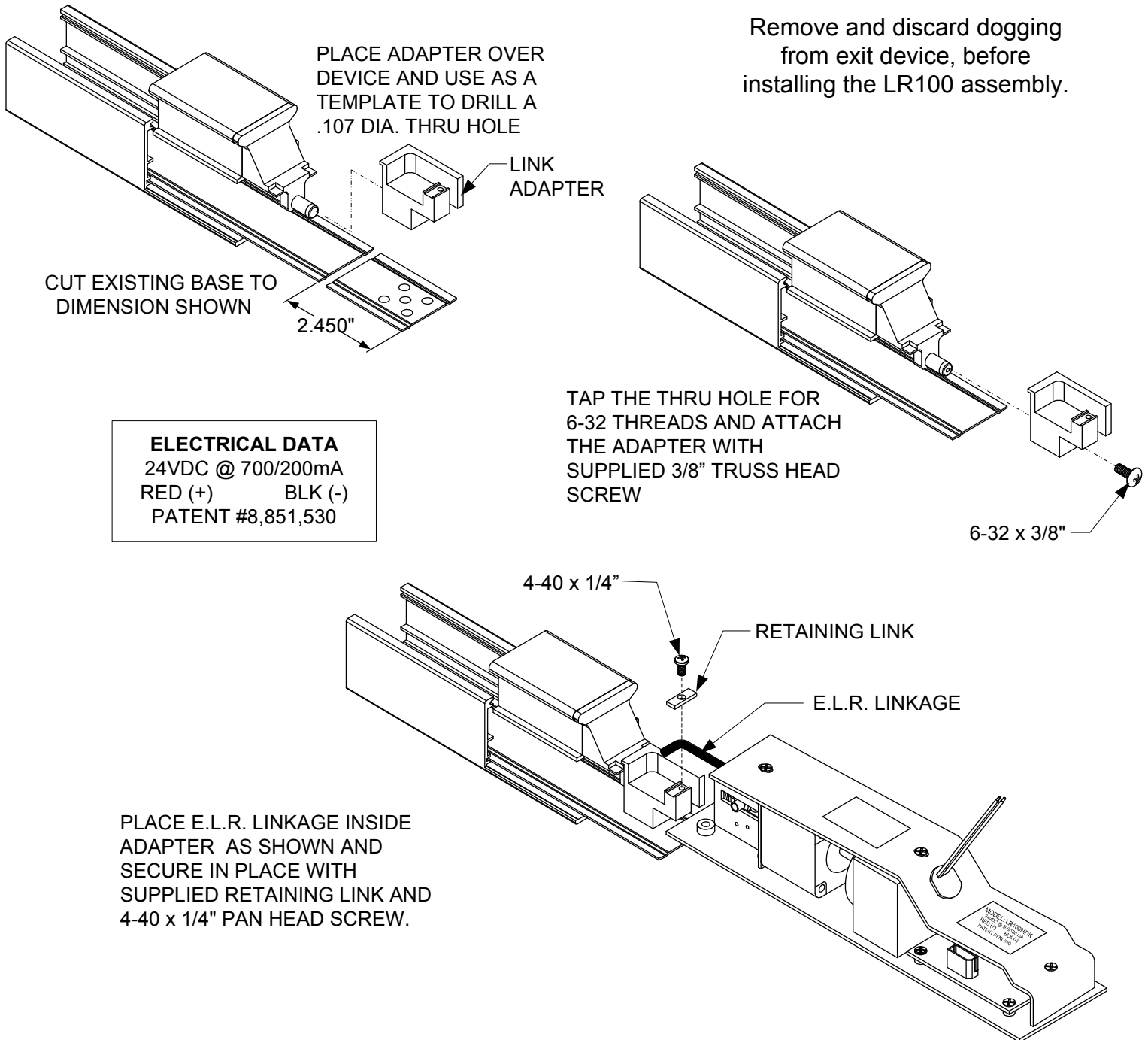


SDC Security Door Controls

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INSTALLATION INSTRUCTIONS LR100DHK ELECTRIC LATCH RETRACTION KIT DESIGN HARDWARE MODELS: 1000R & 1000V



PLACE ADAPTER OVER
DEVICE AND USE AS A
TEMPLATE TO DRILL A
.107 DIA. THRU HOLE

LINK
ADAPTER

CUT EXISTING BASE TO
DIMENSION SHOWN

2.450"

Remove and discard dogging
from exit device, before
installing the LR100 assembly.

ELECTRICAL DATA

24VDC @ 700/200mA
RED (+) BLK (-)
PATENT #8,851,530

TAP THE THRU HOLE FOR
6-32 THREADS AND ATTACH
THE ADAPTER WITH
SUPPLIED 3/8" TRUSS HEAD
SCREW

6-32 x 3/8"

4-40 x 1/4"

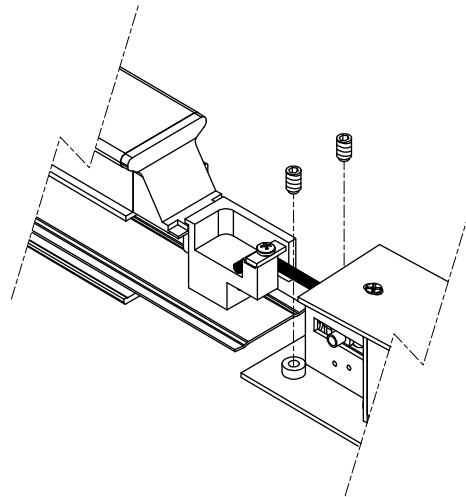
RETAINING LINK

E.L.R. LINKAGE

PLACE E.L.R. LINKAGE INSIDE
ADAPTER AS SHOWN AND
SECURE IN PLACE WITH
SUPPLIED RETAINING LINK AND
4-40 x 1/4" PAN HEAD SCREW.

Any suggestions or comments to this instruction or
product are welcome. Please contact us through
our website or email engineer@sdsecurity.com

AFTER ATTACHING LINKAGE, POWER THE UNIT. THIS WILL CAUSE THE E.L.R. TO PULL INTO THE EXIT DEVICE. DEPRESS THE PUSH PAD TO PROPERLY POSITION THE E.L.R. MANUALLY PULL THE E.L.R. ASSEMBLY BACK TIGHTEN THE SET SCREWS TO LOCK THE E.L.R. IN PLACE. TEST FUNCTION OF E.L.R. BY APPLYING POWER TO VERIFY THAT THE E.L.R. ASSEMBLY RETRACTS THE PUSH PAD AND LATCH



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.

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. Install the electric latch assembly as shown above. 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.