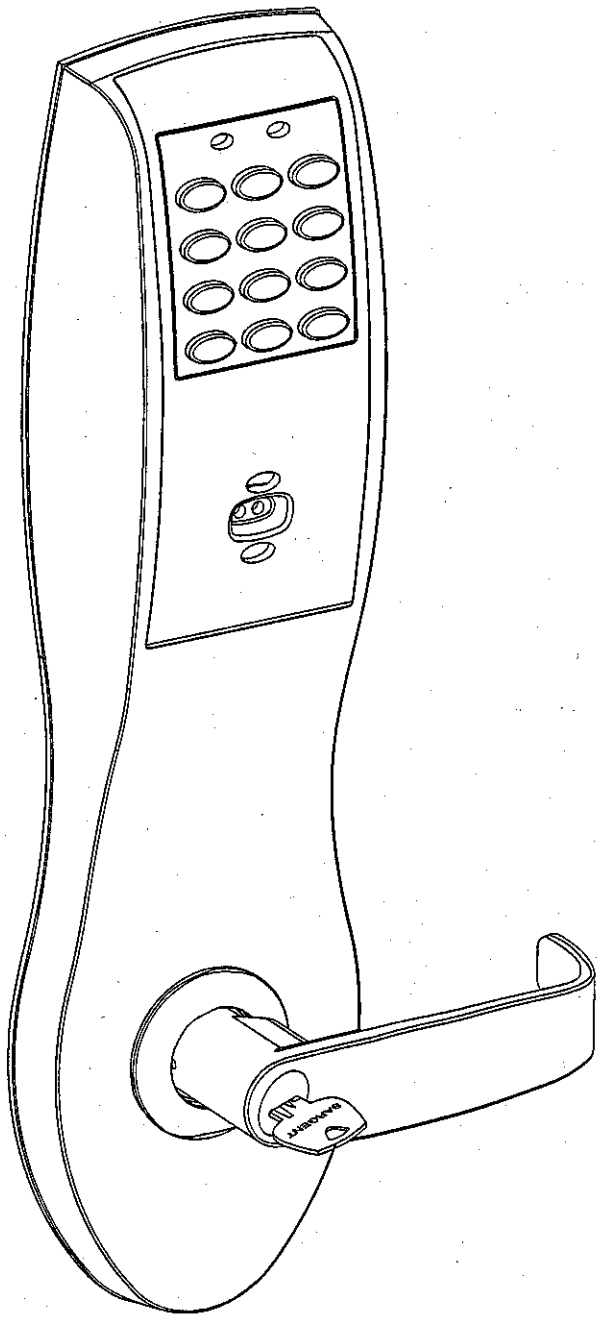
Installation Instructions For
Low Profile Cylindrical Lock



A7453B

SARGENT®

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1 Warning

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003

Cet appareil numÈrique de la classe B est conforme ‡ la norme NMB-003 du Canada

2 General Description

The SARGENT Keypad Cylindrical Lock/Prox is designed for areas which require authorized entry. It is a self-contained microprocessor-controlled keypad with non volatile solid-state memory. The keypad will hold a total of 100(LK) / 500(LU, PK, PA) different User Codes. User Codes "01", "02", and "03" are utilized for Master Code, Emergency Code, and Supervisory Code, respectively.

This product is operated by six (6) "AA" Duracell Alkaline Batteries. SARGENT cylindrical locks are designed with high quality components to provide the high security, performance and durability.

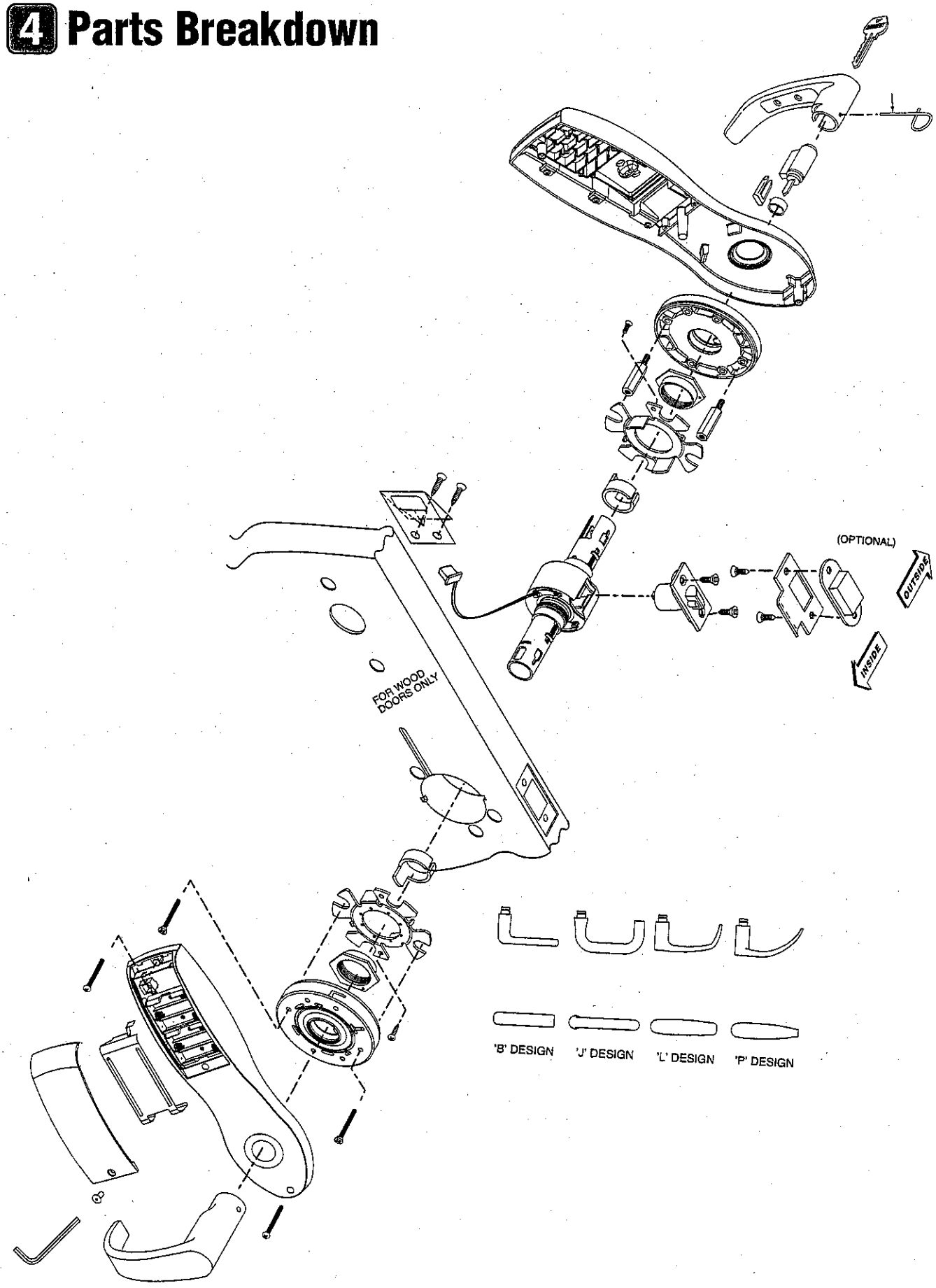
Warning

To comply with "Fire Listed" doors, the batteries must be replaced with Alkaline batteries only.

3 Specifications

- Latchbolt - 1/2" standard
  3/4" available (41- prefix)
- Guardbolt deadlocks latchbolt
- Outside lever controlled by keypad, or key retracts latchbolt
- Inside lever retracts latchbolt
- Locks furnished for 1-3/4" doors **only**
- U.L. Listed

4 Parts Breakdown



Parts Breakdown (Continued)

ITEM	PART NUMBER	DESCRIPTION	NO. REQ'D
1	10-2000	2-3/4" Backset Latch (Standard)	1
	10-2053	3-3/4" Backset Latch (23 Prefix)	1
	10-2058	5" Backset Latch (25 Prefix) (2-3/4" Backset)	1
	10-2634	3/4" Throw (41 Prefix)	1
2	10-3026	Outside Escutcheon Key Pad, Key Pad / Prox	1
	10-3027	Outside Escutcheon Prox Only (PA)	1
	10-3016	Outside Escutcheon Housing Only	1
	52-2432	Key Pad / Proximity Assembly Harness/(LK, LU, PK)	1
	52-2431	Prox Only Assembly Harness/(PA)	1
3	10-3020	Inside Escutcheon and 100 User Controller (LK)	1
	10-3021	Inside Escutcheon and 500 User Controller (LU)	1
	10-3022	Inside Escutcheon and Key Pad / Prox or Prox Only Controller (PA, PK)	1
	10-3015	Inside Escutcheon Housing Only	1
	52-2439	100 User (LK) Key Pad Controller Assembly	1
	52-2446	500 User (LU) Key Pad Controller Assembly	1
	52-2453	500 User (PA, PK) Prox Only or Prox Key Pad Controller Assy.	1
5	52-2437	Battery Cover Only	1
4	10-2250	"B" Inside Lever / Regular and 30-	1
	10-2204	"J" Inside Lever / Regular and 30-	1
	10-2045	"L" Inside Lever / Regular and 30-	1
	10-2136	"P" Inside Lever / Regular and 30-	1
	10-2254	"B" Inside Lever / 75 Handicap Warning	1
	10-2245	"J" Inside Lever / 75 Handicap Warning	1
	10-2049	"L" Inside Lever / 75 Handicap Warning	1
	10-2140	"P" Inside Lever / 75 Handicap Warning	1
6	10-2488	Inside Rose Assembly	1
7	10-0309	Spacer Bushing	2
8	10-0319	Spacer Hex Nut	2
9	10-0316	Mounting Plate	2
10	10-2251	"B" Lever Regular Outside Handle	1
	10-2205	"J" Lever Regular Outside Handle	1
	10-2046	"L" Lever Regular Outside Handle	1
	10-2137	"P" Lever Regular Outside Handle	1
	10-2252	"B" Outside Lever / 30-Competitive Cylinder	1
	10-2206	"J" Outside Lever / 30-Competitive Cylinder	1
	10-2047	"L" Outside Lever / 30-Competitive Cylinder	1
	10-2138	"P" Outside Lever / 30-Competitive Cylinder	1
	10-2255	"B" Outside Lever / 76 Handicap Warning	1
	10-2246	"J" Outside Lever / 76 Handicap Warning	1
	10-2050	"L" Outside Lever / 76 Handicap Warning	1
	10-2141	"P" Outside Lever / 76 Handicap Warning	1
11		Key (Provided with Cylinder)	A/R
12	10-2489	Outside Rose Assembly	1
13	13-3266	Cylinder (Standard)	1
	13-3613	Schlage (SC) Cylinder (95-(SC))	1
	13-3614	Schlage (SE) Cylinder (95-(SE))	1
	10-0019	Schlage (SC, SE & Signature) Cylinder Spacer	1
	13-3491	Cylinder (22-Construction)	1
	13-3713	Cylinder (10-Signature)	1
	13-3871	Cylinder (10-21 Signature Construction)	1
	13-3944	Cylinder (21-Cylinder)	1
	18-4020	Cylinder (VA-ASSA V10)	1
	18-4063	Cylinder (VS-ASSA V10)	1
14	10-0321	Stud	1
15	10-0312	Cylinder Retainer	1
16	10-2642	77 Lock Body (Std, 10, 21, 23, 30, SC, SE, VA & VS Prefixes only)	1
	10-2643	77 Lockbody (60, 63, 64 Prefixes only)	1
	10-2644	77 Lockbody (70, 72, 65-73, 65-73P Lockbody	1
17	08-0312	#800 Strike	1
	08-0066	#808 Strike (28-Prefix)	1

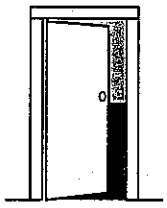
Parts Breakdown (Continued)

Item #	Part#	Description	# Required
18	52-0033	Fire Stop Plate	1
19	45-1340	Flat Head Screw (Security)	1
20	52-2300	Screw Pack (includes #'s 18, 19, 20)	1
	01-0297	1/8" Security Socket Screw Key	1
21	10-2052	Screw Pack – Specify Finish	1
22	10-2596	Hardware Pack	1
23	52-0253	Battery Keeper	1

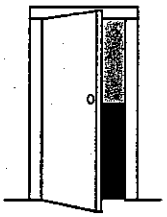
6 Installation Instructions

VERIFY HAND

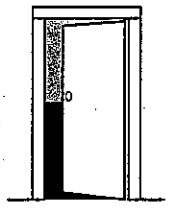
- Verify hand and bevel of door



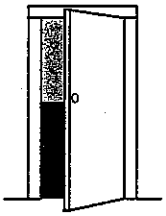
Left Hand
Hinges Left.
Open inward.
"LH"



Left Hand
Reverse Bevel
Hinges Left.
Open Outward
"LHRB"



Right Hand
Hinges Right
Open Inward.
"RH"

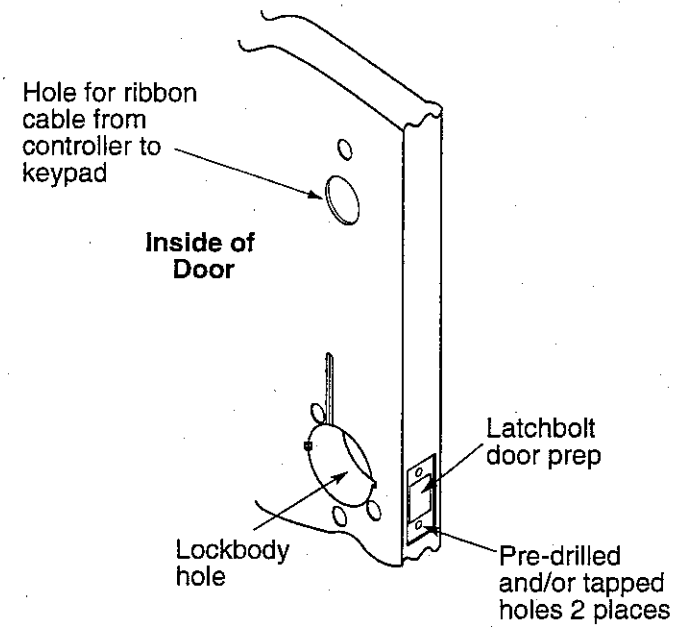


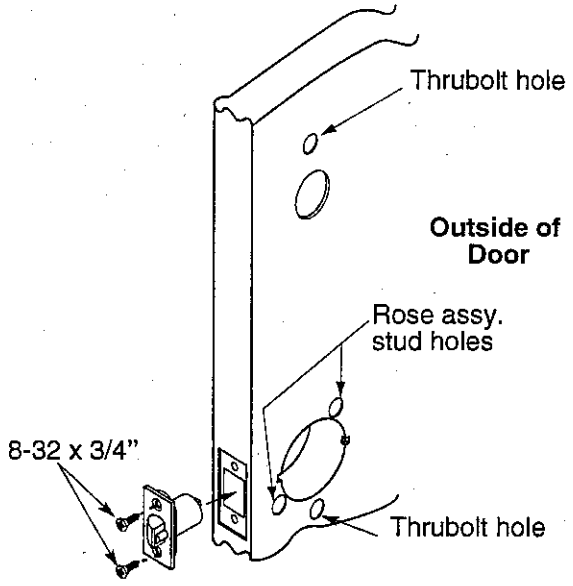
Right Hand
Reverse Bevel
Hinges Right.
Open Outward.
"RHRB"

Installation Instructions (Continued)

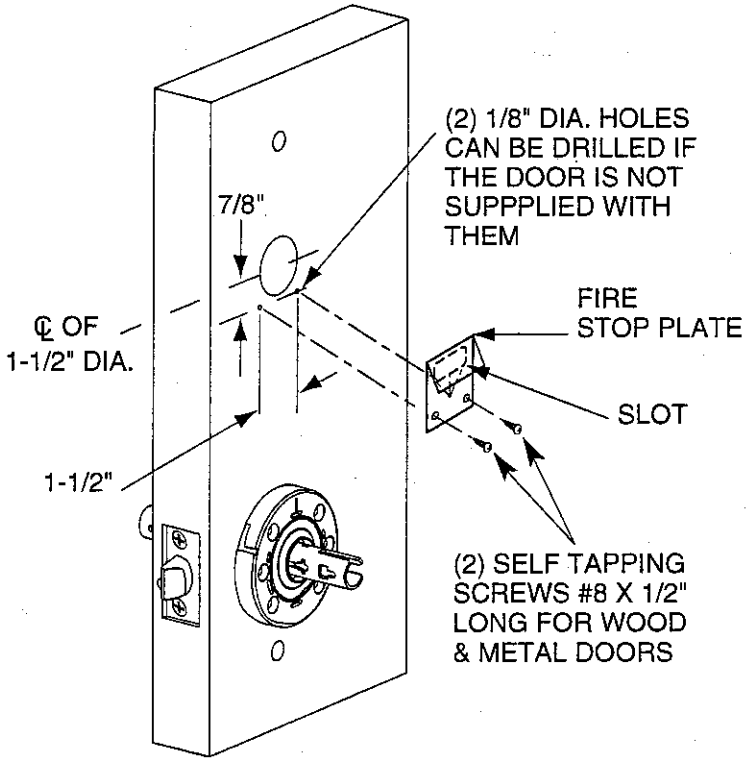
Step #1 – Door Preparation and Installation of Latchbolt

- For metal door preparation, see 4486 and 4494
- For wood door preparation, see A7332 (enclosed)
- Prior to installation, bored holes must be free of burrs, debris and sharp edges
- Install latchbolt assembly into door with two screws
  Put screws into face of latchbolt but **DO NOT** tighten completely at this time



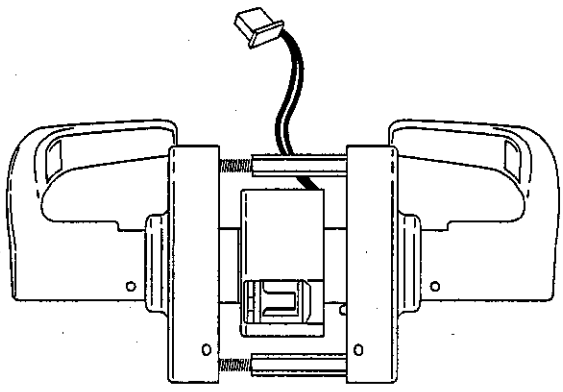


Step #1A – Attaching Fire Stop Plate



Step #2 – Disassemble of Lockset Unit

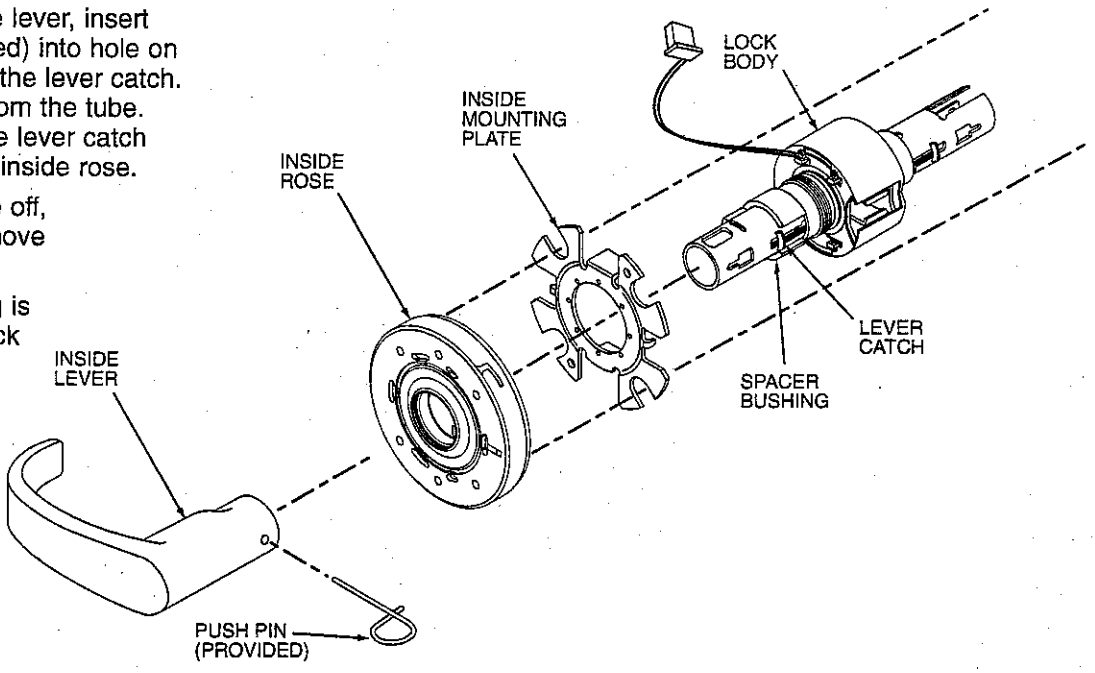
1. Remove lockset from box.



Installation Instructions (Continued)

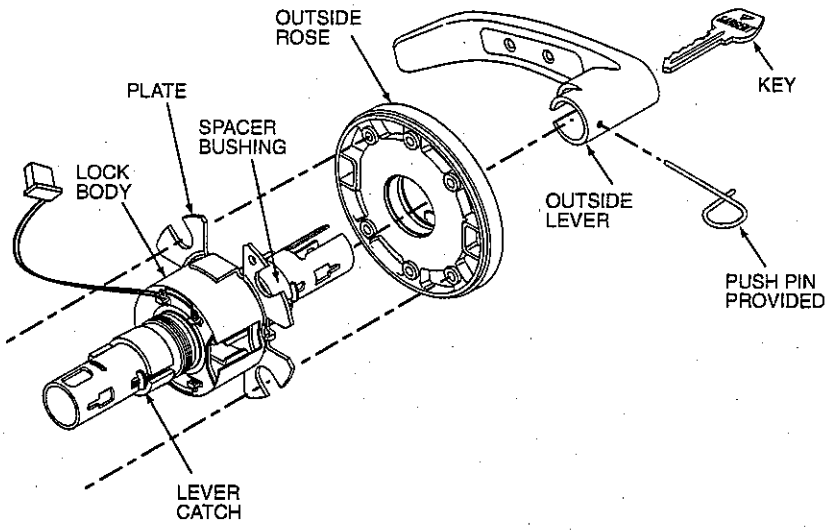
Step #2A – Disassembly of Lockset Unit-Inside Lever

- To remove inside lever, insert push pin (provided) into hole on lever to depress the lever catch. Slide the lever from the tube.
- Then depress the lever catch again to remove inside rose.
- Slide inside plate off, but **DO NOT** remove spacer bushing.
- If spacer bushing is removed, put back on lockbody.

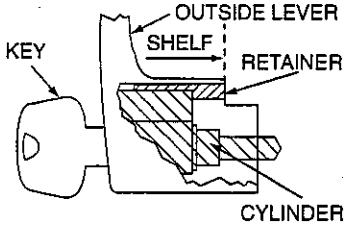


Step #2B – Disassembly of Lock Unit-Outside Lever

- To remove outside lever, insert key and turn 45° clockwise and hold in that position. Insert pin into hole on lever to depress the lever catch. Slide the lever from the tube.
- Depress the lever catch again to remove outside rose. **DO NOT** remove spacer bushing or plate.



Step #3 – Cylinder Removal — If Needed

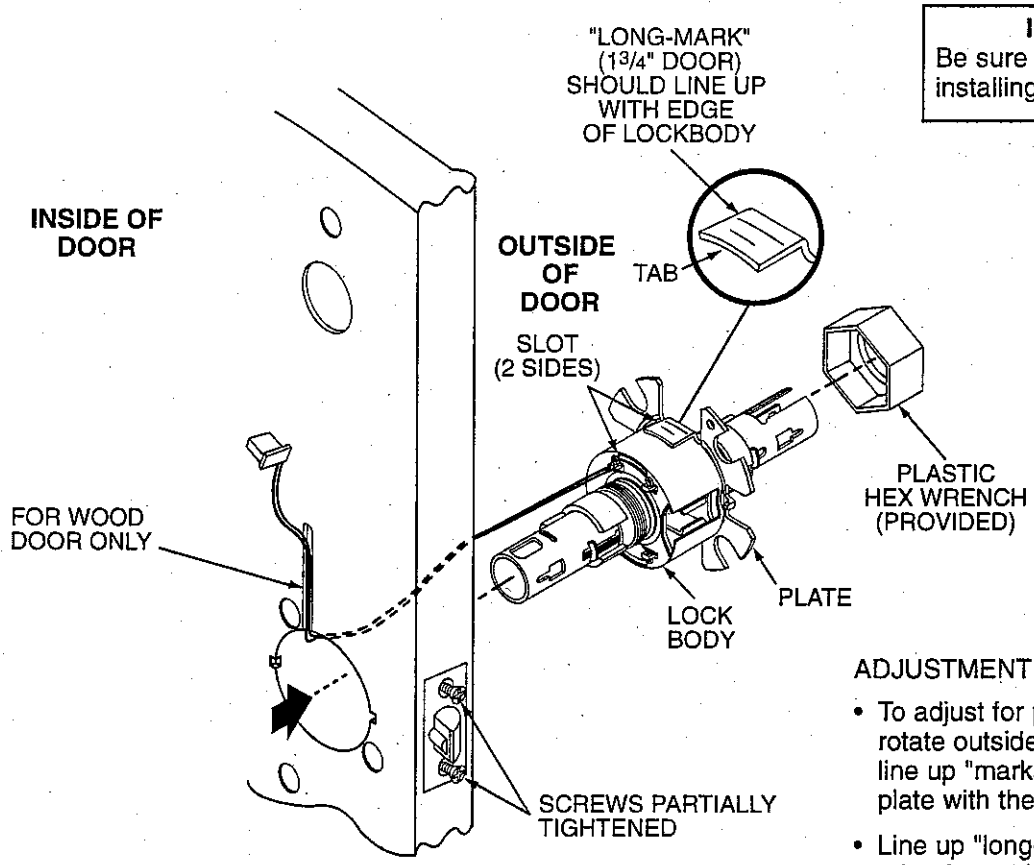


1. Remove outside lever.
2. Using standard pliers, pull out outside retainer.
3. Remove key and cylinder from lever.
4. When replacing cylinder, secure by pressing retainer till flush with shelf.

Installation Instructions (Continued)

Step #4 – Adjustment for Door Thickness

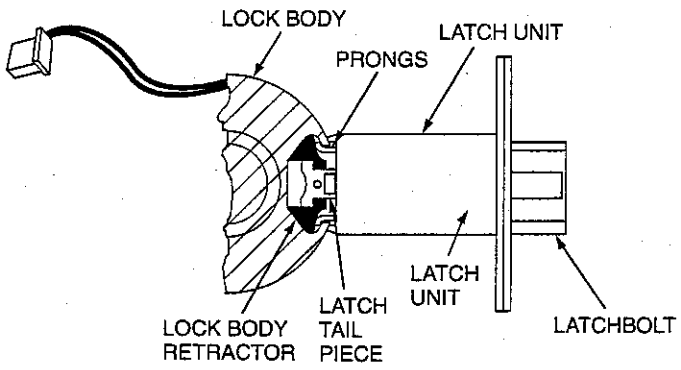
IMPORTANT NOTE:
Be sure to keep door open when installing. Door can lock if closed.



ADJUSTMENT FOR DOOR THICKNESS

- To adjust for proper door thickness, rotate outside nut using wrench to line up "marks" on tabs of the outside plate with the slots in the lock body.
- Line up "long-mark" with lock body edge for 1-3/4" door thickness.

Step #5 – Installation of Lockset Unit



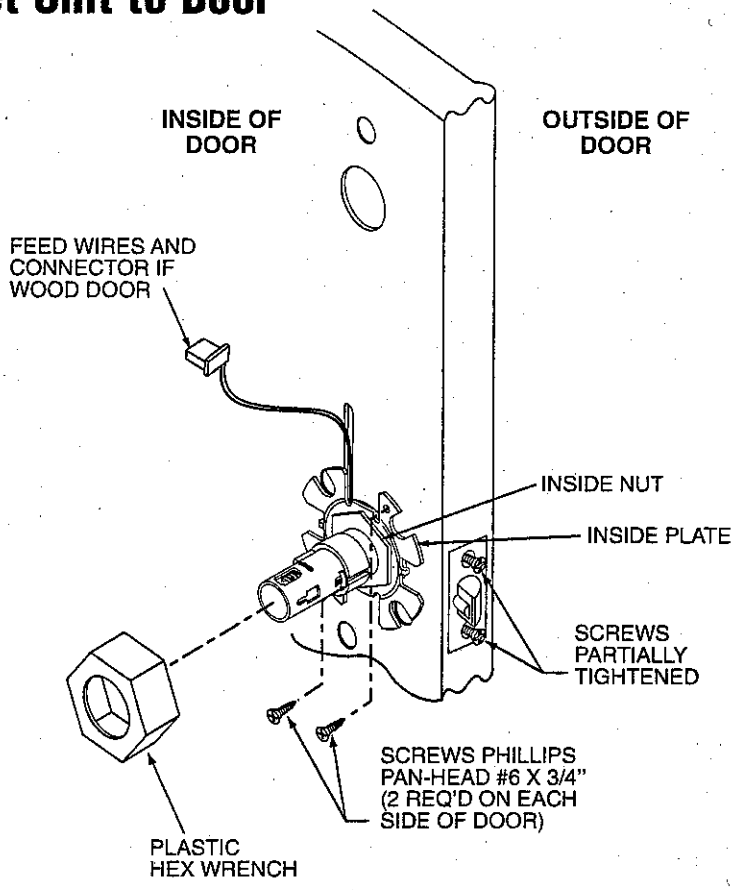
- **First** feed wires into the lock body hole, from outside of door.
- Slide lock body into cross-bore hole from outside of the door (locked side).
- The lock body must engage the latch unit prongs as shown. The lock body retractor must engage the latch unit tail piece. Pushing in the latchbolt will move the latch tail piece.

Important: Before securing latch or lockset be sure the lockbody is centered in door and the latch is fully engaged in the retractor. Readjust for door thickness is necessary. If doors are not properly reinforced, per ANSI 115.2, reinforcements are commercially available and should be used.

Installation Instructions (Continued)

Step #5A – Securing the Lockset Unit to Door

- If wood door, then feed wires up thru the rout channel as shown.
- If metal door, feed wire & connector thru inside of door and out hole on outside of door. **(Must see metal door templates 4486 and 4494)**
- Place inside plate onto lock body. Make certain that plate tabs slide into slots on lock body. Secure the lockbody & plate with inside nut. Screw on as tight as possible using plastic hex wrench provided.
- Secure each plate to each side of the door with 2 #6 x 3/4" long self-tapping screws.



Step #6 – Attaching Roses

- Before attaching roses attach two studs to outside rose (12), to correspond with thru hole locations in door and proper rose orientation. Note the projection (tab) in rose must be in line with slot in spacer bushings. See figure A.
- Spacer bushing slot must be in line with lever catch to engage levers.
- Slide roses onto tube making certain studs line up with holes in door.
- Secure roses to door with two knurled head screws.

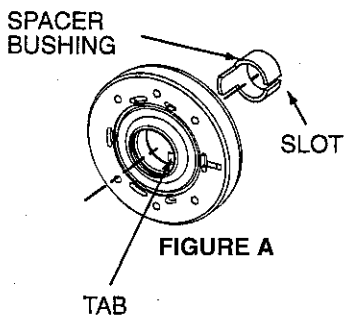
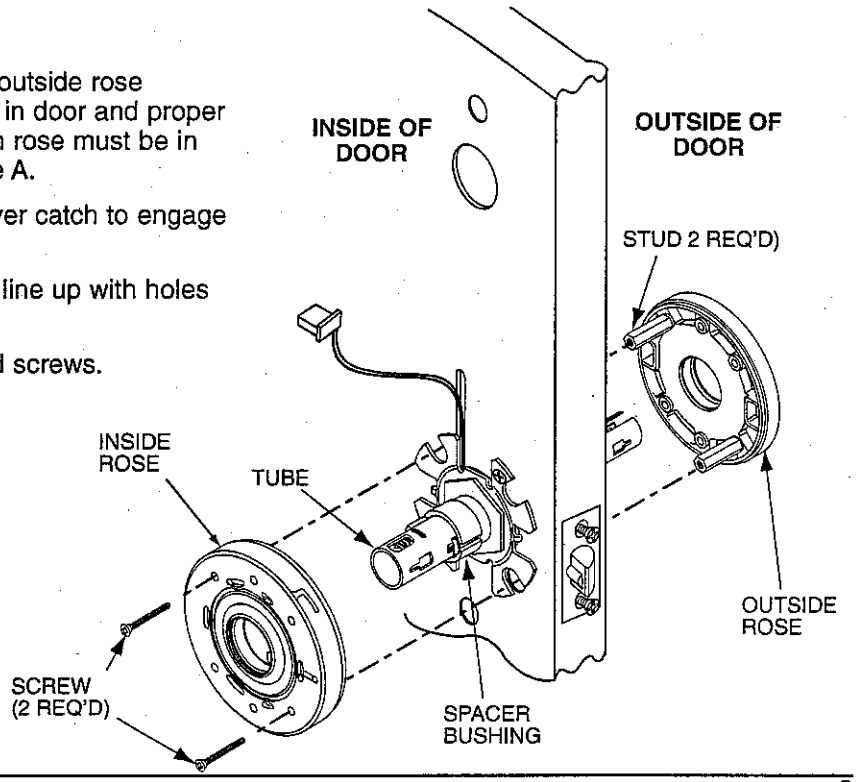
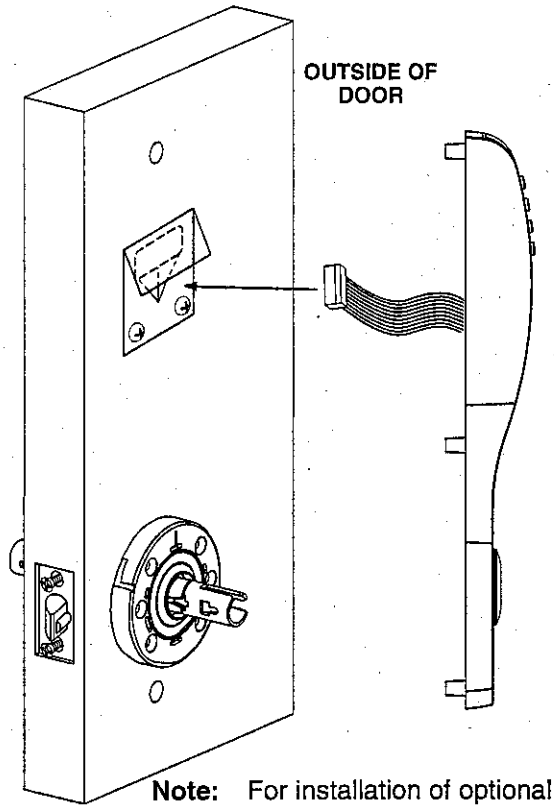


FIGURE A



Installation Instructions (Continued)

Step #7 – Installing Inside/Outside Escutcheons and Levers



Outside Escutcheon / Lever

- Make sure cylinder spacer is inserted so slot aligns with lever catch on lever tube.
- From the outside of the door, feed cable and connector through Fire Stop Plate.
- Slide the outside escutcheon over the lever tube, holding the escutcheon to the door surface.
- Slide the outside lever onto tube as far as possible. Turn key 45 degrees clockwise.

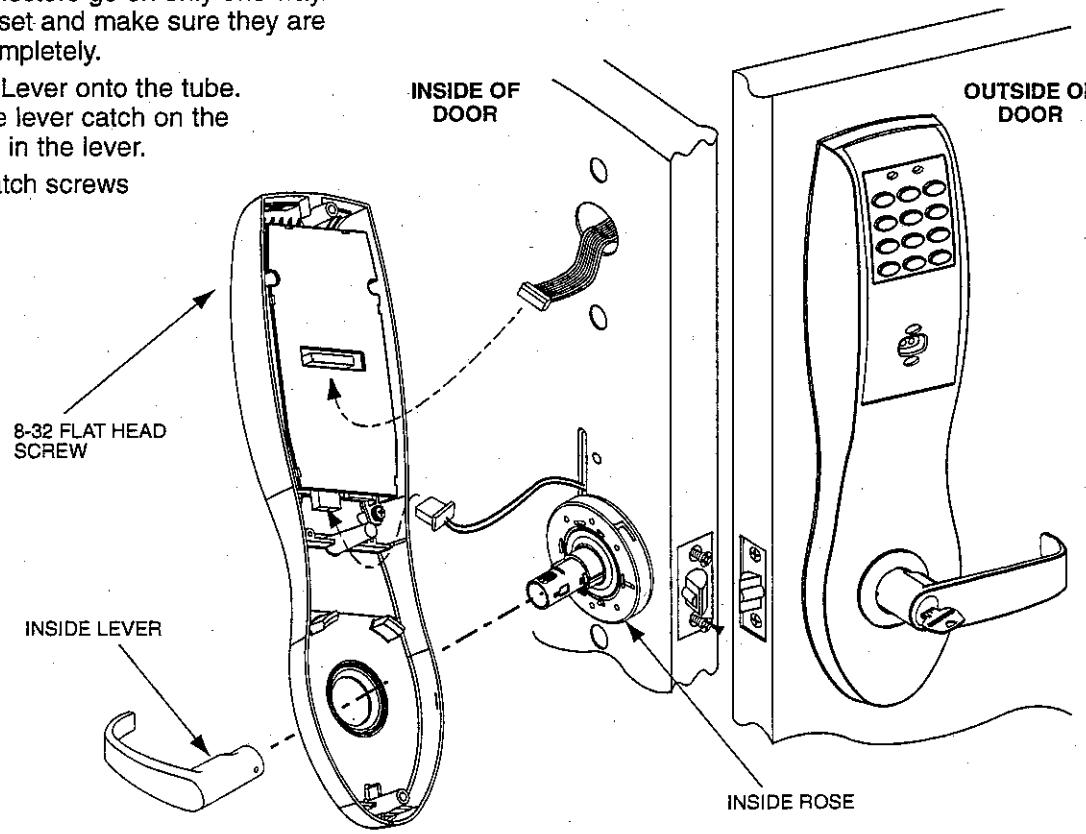
  Push lever until lever catch is engaged securing the lever.

Inside Escutcheon / Lever

- Make sure Cylinder Spacer is inserted so slot aligns with lever catch on lever tube.
- Plug the Key Pad connector onto the pins as shown. Place extra wire in hole.
- Plug Lock Body connector onto pins as shown. Place extra wire in the back of escutcheon.

  Note: Both Connectors go on only one way. Do not offset and make sure they are seated completely.
- Slide the Inside Lever onto the tube. Make certain the lever catch on the tube is engaged in the lever.
- Now tighten 2 latch screws securely.

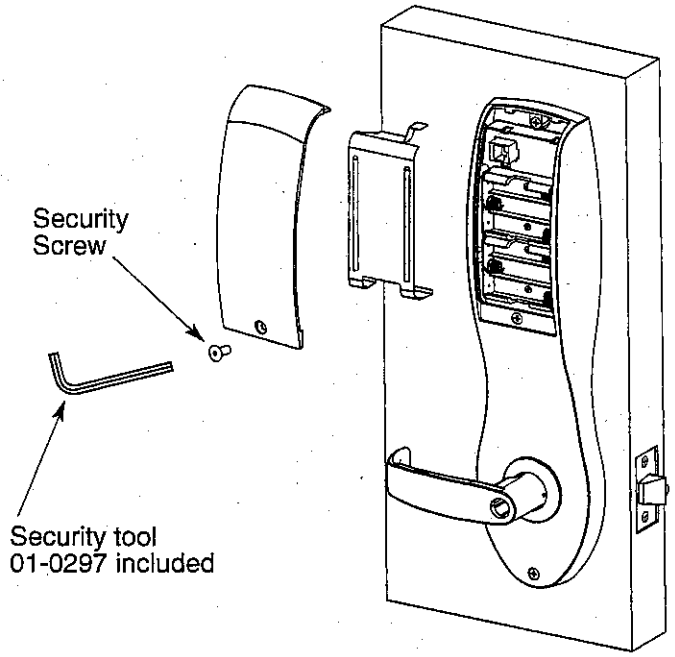
Note: For installation of optional gasket Part #10-049, see Gasket Installation.



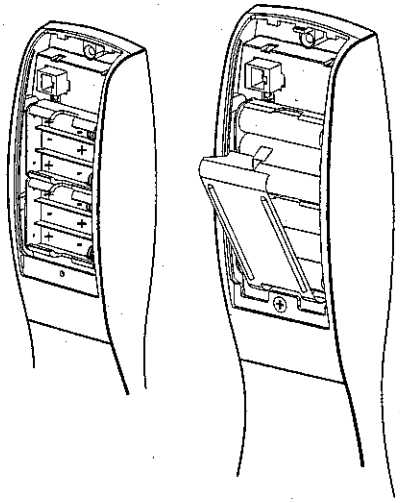
LOCATE (2) #8-32 FLAT HEAD SCREWS AND INSERT THROUGH THE ESCUTCHEON INTO THE OUTSIDE ESCUTCHEON. TIGHTEN FIRMLY

Installation Instructions (Continued)

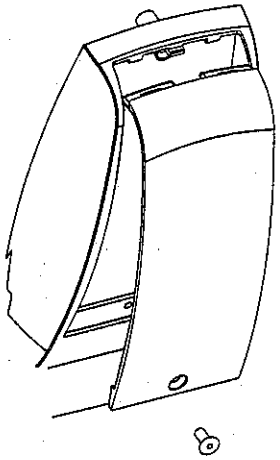
Step #8 Battery Installation/Optional Gasket



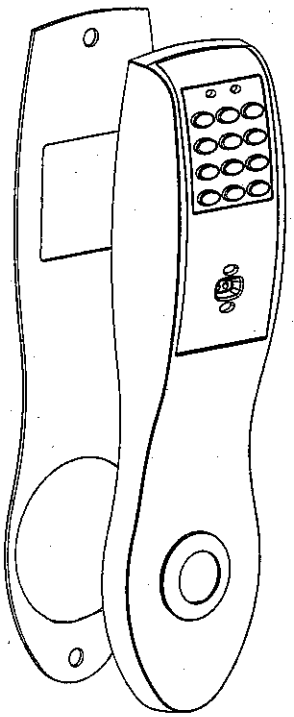
- Place (6) AA batteries into the compartment as indicated
- **Observe polarity when installing "AA" batteries**
- Install battery keeper clip by inserting tabs into bottom slots first
- To remove keeper, pull on top tab



- Attach battery cover to inside escutcheon making sure to line up tabs with retaining slots in battery cover
- Secure with security screw

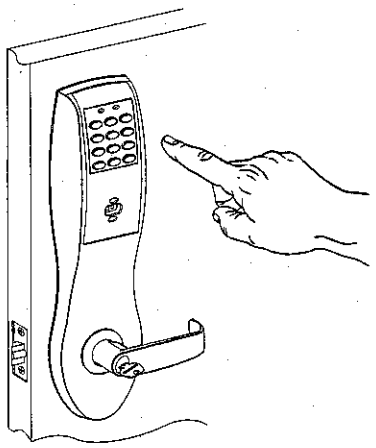


- Optional gasket intended for exterior applications only

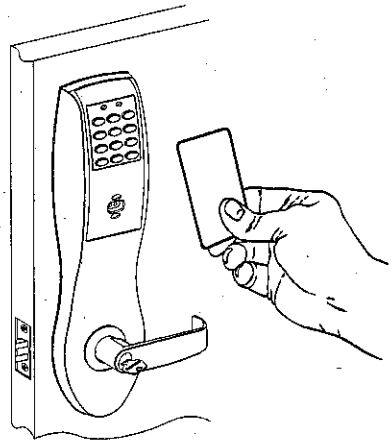


7 Operational Check

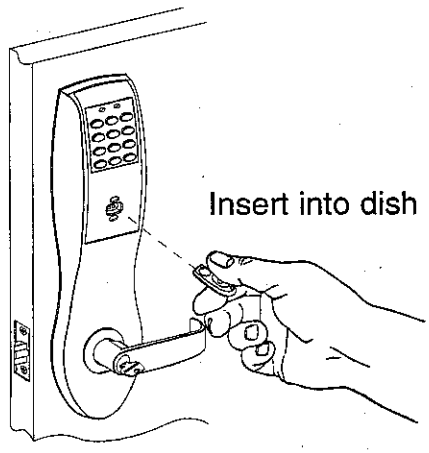
- Place key into cylinder and rotate key.
- The key will retract the latchbolt, the key should rotate freely
- Inside handle lever retracts latchbolt
- Enter 1234* to unlock outside lever handle and retract latchbolt
- If a card or prox is used, present them as shown below



Key/Cylinder, Code Verification



Presentation of Card



Presentation of FOB

8 Programming Instructions for Keypad Operations Only

The Low Profile Keypad Lock can support 100 (LK) / 500 (LU, PK, PA) users. Each user is assigned a User Number in addition to the code used for entry.

Example:

USER TYPE	USER NUMBER	USER CODE* (2-6 DIGITS)
Master	01	1 2 3 4
Emergency	02	2 2 2 2
Supervisor	03	3 0 3 0 3 0
Standard	04-97 (LK) 04-500 (LU, PK, PA))	2 6 5

8 Programming Instructions for Keypad Operation Only

- Soflink™ Plus must be used with (PA) controller for programming
- The Master Code is **always** User "01". The Master Code assigns the Emergency and Supervisory Codes. It is also used for programming. Users are deleted through the Master Programming Code only
- The Emergency Code is **always** User "02". The Emergency Code has an unlock time of 10 seconds
- The Supervisory Code is **always** User "03". The Supervisory Code allows temporary lockout of selected users, changes duration of unlock time, requests infrared interrogation output, may add additional User Codes and entry when low battery expiration occurs
- The first User Code will be User "04" or higher. User numbers do not have to be used or entered sequentially

To Begin Programming:

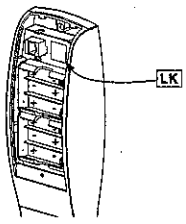
The Keypad Cylindrical Lock is preset at the factory with Master Code "1234". Entering 1234 * will unlock the lock allowing the lever handle to retract the latchbolt.

Initial Set-Up Procedures:

- The following are typical procedures to follow when setting up your Cylindrical Keypad
- If a mistake is made during any of procedures, depress the "*" several times until the yellow LED goes out
- If no keystroke is made in a 30 sec time frame the programming up to that point will default and you will have to start over

LK Programming

To determine which programming steps to use for your lock see the example below:



If your label has an LK, then use the programming below.
If your label has an LU or PK, turn to the next set of programming instructons.

Change the Master Code

99# 1234*	Yellow LED Blinks
50# 1#	Yellow LED Blinks
New Master Code*	Yellow LED Blinks Quickly
New Master Code*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

This example uses the Factory Default 1234*, yours may differ.
It is recommended not to use the factory default master code.

To Enter the Emergency Code

99# Master Code* Yellow LED Blinks
50# 2# Yellow LED Blinks
Emergency (1-6 Digit)* Yellow LED Blinks Quickly
Emergency (1-6 Digit)* Yellow LED Blinks Slowly (If Solid, see Note)
* Yellow LED Goes Out
Emergency Codes Default to a 10 Second Unlock Time

To Change the Supervisor Code

99# Master Code* Yellow LED Blinks
50# 1# 3# Yellow LED Blinks
Supervisory (1-6 Digit)* Yellow LED Blinks Quickly
Supervisory (1-6 Digit)* Yellow LED Blinks Slowly (If Solid, see Note)
* Yellow LED Goes Out

• Factory Default Supervisory Code is 4321

Enter A User Code

99# Master Code* or Supervisory Code* Yellow LED Blinks
50# 1# (User Number 04-100)# Yellow LED Blinks
User Code (1-6 Digit)* Yellow LED Blinks Quickly
User Code (1-6 Digit)* Yellow LED Blinks Slowly (If Solid, see Note)
* Yellow LED Goes Out

Enter A Passage (Maintained) Code

99# Master Code* Yellow LED Blinks
50# 0# (User Number 04-100)# Yellow LED Blinks
User Code (1-6 Digit)* Yellow LED Blinks Quickly
User Code (1-6 Digit)* Yellow LED Blinks Slowly (If Solid, see Note)
* Yellow LED Goes Out

Enter A One Time User Code

99# Master Code* or Supervisory Code* Yellow LED Blinks
50# 5# (User Number 04-100)# Yellow LED Blinks
User Code (1-6 Digit)* Yellow LED Blinks Quickly
User Code (1-6 Digit)* Yellow LED Blinks Slowly (If Solid, see Note)
* Yellow LED Goes Out

To Deactivate / Reactivate "Beep" With Key Stroke

99# Supervisory or Master Code* Yellow LED Blinks
30# 0# 0# (Off) (1# = On) Yellow LED Blinks
* Yellow LED Blinks Quickly
* Yellow LED Blinks Slowly (If Solid, see Note)
* Yellow LED Goes Out

Note: If turning Beep OFF, No audible on last two steps.

To Clear the Entire Memory

99# Master Code* Yellow LED Blinks
46# 00000# 00000#Yellow LED Blinks
* Yellow LED Blinks Quickly
* Yellow LED Goes Solid and Begins to Blink
* Yellow LED Goes Out (If Solid, see Note)

This Deletes ALL Codes, including Master, Emergency and Supervisory. The Master Code is set back to 1234*, Door Number to 0001 and Unlock Time to 5 Seconds. If the master Code is not known, Factory Assistance will be required to clear the memory. Call 1-800-810-9473

To Program Door Name into Keypad

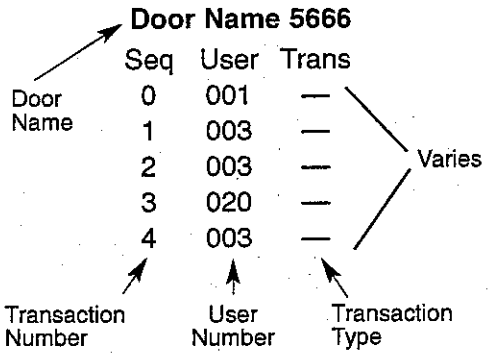
99# Master Code*	Yellow LED Blinks
43# 0# Door Name# (Must be four digits)	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

To Interrogate Transaction Log

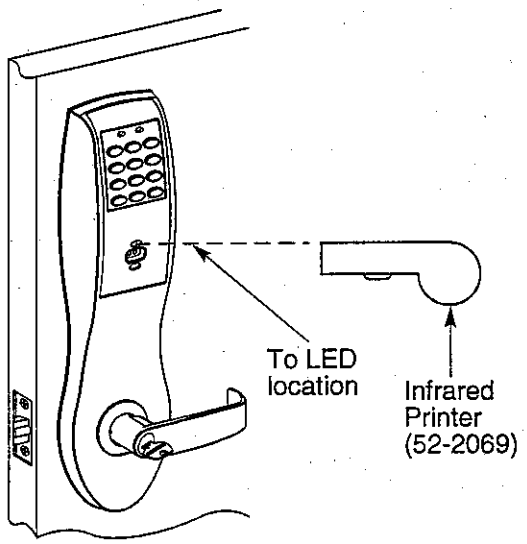
99# Supervisory or Master Code*	Yellow LED Blinks
70# 0# 0#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Goes Out (If Solid, see Note)

For additional information, see "Transaction Log".

Note: Seq. # 0 is the programming request to output the entries. Sequence numbers 1-9 are the actual entries.



Hold an infrared printer up to the red infrared LED (as shown). An HP82240B Infrared Printer can be used to download information from the keypad to a printout.



When done recording, the green LED will turn off and the yellow LED blinks slowly.

*	Yellow LED Goes Out

To Reset / Clear Transaction Log

99# Master Code*	Yellow LED Blinks
76# 00000# 00000#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly
*	Yellow LED Goes Out (If Solid, see Note)

To Delete A User

99# Master Code*	Yellow LED Blinks
50# 1# (User Number 04-100)#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

To Enable/Disable A User

99# Master Code*	Yellow LED Blinks
56# 0# (Enable) or 1# (Disable)	
(User No. 04-500)#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

To Set Unlock Time

Master Code*	Yellow LED Blinks
11# (1-99 sec)# 0#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

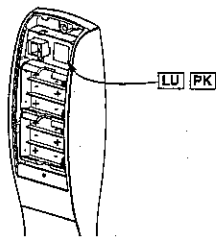
The Unlock Time is adjustable for Momentary Operation. A 5 Second unlock time is recommended to extend battery life. Once the unlock time is entered, it is the same for ALL users except 02.

Status Indicators

No Green LED after code is entered once, but flashes after 3 consecutive entries- Invalid Code
4 Long beeps after code is entered - Low Battery
4 long beeps after code is entered, 4 more long beeps - Voltage (batteries) to low to operate
Enter Supervisory Code to gain 1 entry.

LU and PK Programming

To determine which programming steps to use for your lock see the example below:



If your label has a LU or PK then use the programming below.
If your label has a LK turn to LK programming.

Change the Master Code

99# 1234*	Yellow LED Blinks
50# 1#	Yellow LED Blinks
New Master Code*	Yellow LED Blinks Quickly
New Master Code*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

This example uses the Factory Default 1234*, yours may differ.
It is recommended not to use the factory default master code.

To Enter the Emergency Code

99# Master Code*	Yellow LED Blinks
50# 2#	Yellow LED Blinks
Emergency (1-6 Digit)*	Yellow LED Blinks Quickly
Emergency (1-6 Digit)*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

Emergency Codes Default to a 10 Second Unlock Time

To Change the Supervisor Code

99# Master Code*	Yellow LED Blinks
50# 3#	Yellow LED Blinks
Supervisory (1-6 Digit)*	Yellow LED Blinks Quickly
Supervisory (1-6 Digit)*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

- **Factory Default Supervisory Code is 4321**

Enter A User Code

99# Master Code*	Yellow LED Blinks
50# 1# (User Number 04-500)#	Yellow LED Blinks
User Code (1-6 Digit)*	Yellow LED Blinks Quickly
User Code (1-6 Digit)*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

Enter A Passage (Maintined) Code

99# Master Code*	Yellow LED Blinks
50# 0# (User Number 04-500)#	Yellow LED Blinks
User Code (1-6 Digit)*	Yellow LED Blinks Quickly
User Code (1-6 Digit)*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

Enter A One Time User Code

99# Master Code*	Yellow LED Blinks
50# 5# (User Number 04-500)#	Yellow LED Blinks
User Code (1-6 Digit)*	Yellow LED Blinks Quickly
User Code (1-6 Digit)*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

Enter a Card or FOB User

99# Master Code*	Yellow LED Blinks
50# 1# (User Number 04-500)#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
Present Card or FOB	BEEP / Yellow LED Blinks
*	Yellow LED Blinks Slowly
*	Yellow LED Goes Out

Enter a User Code + Card or FOB

99# Master Code*	Yellow LED Blinks
50# 1# (User Number 04-500)#	Yellow LED Blinks
User Code (1-6 Digits)*	Yellow LED Blinks Quickly
User Code (1-6 Digits)*	Yellow LED Blinks Slowly (If Solid, see Note)
Present Card or FOB	BEEP / Yellow LED Blinks
*	Yellow LED Blinks Slowly
*	Yellow LED Goes Out

To Clear the Entire Memory

99# Master Code*	Yellow LED Blinks
46# 00000# 00000#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Very Fast for 10 sec., then slow
*	Yellow LED Goes Out

Turn OFF Audio Beep verification on every Key Depression

99# Master Code*	Yellow LED Blinks
30# 0# 0# (Off) (1# = On)	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

Turn ON Yellow LED verification on every Key Depression

99# Master Code*	Yellow LED Blinks
30# 1# 1# (On) (0# = Off)	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

Set Time

99# Master Code*	Yellow LED Blinks
41# hh:mm# (24Hr Format) 0#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

24Hr Format = 1PM = 13, 2PM = 14.....10PM = 22, Midnight = 00 **Example 13:15 = 1:15PM**

Daylight Savings Time

99# Master Code*	Yellow LED Blinks
30# 13# 1# (On) (0# = Off)	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

Set Date (Today's Date)

99# Master Code*	Yellow LED Blinks
42# mmddyy# D.O.W.# (Sunday=1)	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

D.O.W. = Day of week

Set Unlock Time

99# Master Code*	Yellow LED Blinks
11# (1-99 sec.)# 0#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

The Unlock Time is adjustable for momentary operation. A 5 second unlock time is recommended to extend battery life. Once the unlock time is entered, it is the same for ALL users except 02.

To Enable/Disable A User

99# Master Code*	Yellow LED Blinks
56# 0# (Enable) or 1# (Disable) (User No. 04-500)#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

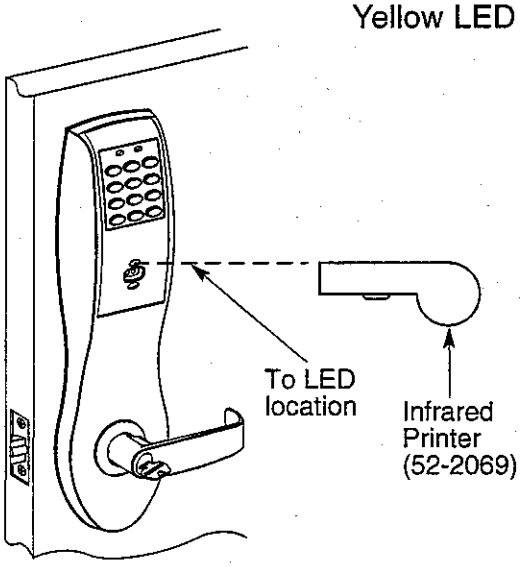
To Delete A User

99# Master Code*	Yellow LED Blinks
50# 0# (User Number 04-500)#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

To Interrogate Transaction Log Using IR Printer (52-2069)

99# Master Code*	Yellow LED Blinks
70# 0# 0#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow Blink, Green Fast, Point Printer to LED above the 3. The printer will start to record the transactions.
*	This will stop the Green LED and Yellow Blinks Slow. Transactions STOP
*	Yellow LED goes out

For additional information, see "Transaction Log".



Hold an infrared printer up to the infrared LED (as shown).

An HP82240B Infrared Printer can be used to download information from the keypad to a printout.

To Erase Transaction Log

99# Master Code*	Yellow LED Blinks
76# 00000# 00000#	Yellow LED Blinks
*	Yellow LED Blinks Quickly
*	Yellow Blink, Green Fast
*	Yellow LED Blinks Slowly (If Solid, see Note)
*	Yellow LED Goes Out

Note: If the Yellow LED becomes Solid rather than blinking, a mistake has been made. Depress the * Button until the Yellow LED goes out and start programming again.

Status Indicators

3 very rapid beeps after User Code entered - Invalid User Code

4 long beeps after User Code entered - Low Battery Indication

4 long beeps after User Code entered, 4 more long beeps - Voltage too low to operate

1 beep after User Code entered - disabled user

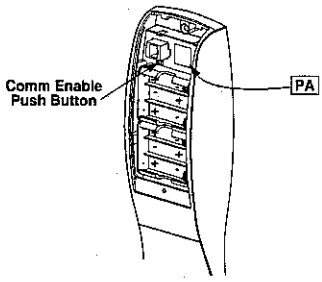
4 beeps after User Code entered - deadbolt thrown (8200 Series)

3 beeps after User Code entered - user lockout

Alternating red/green LED — Awaiting second entry of Code/Card or FOB user

PA Programming

To determine which programming steps to use for your lock see the example below:



If your label has a PA and no keypad or front bezel then use the programming below.
If your label has an LK turn to LK Programming.
If your label has an LU or PK turn to LU or PK Programming

In a Prox Only (PA) configuration, all programming must be completed using SofLink™ Plus Software, Part Number 52-2412. The Software includes a convenient User's Manual, and Instruction Manual A7462, to be used as a programming guide.

First Time Programming

During the Programming sequence of downloading data from the PC to the PA Controller, a prox card must be presented to the controller to wake up the unit. This is followed by pressing the CommEnable Push Button for at least one second when the SofLink™ Plus Software displays:

"Please enter your master code at the controller and then click OK".

Reprogramming

Any user can be designated as a "CommEnable" user type by selecting the user type in SofLink. When this is done, presenting the prox card with a person selected as a "ComEnable" user will allow the unit to wake up and initiate the communications channel to the PC without the need to press the CommEnable push button.

9 Chain Programming

When programming multiple User Numbers and Codes into the Low Profile (LK, LU, PK) Keypad Lock, it is not necessary to leave and re-enter the programming Mode (50) for each entry. Multiple entries may be chained together and the three different types of user codes (Standard, Passage and One Time) may be mixed.

The format to be used is as follows where:

"T" is the **T**ype of user code with "1" Standard, "2" Passage and "3" One Time.

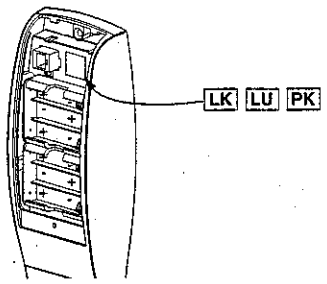
"UN_" is **U**ser **N**umber (04-99)

"UC_" is **U**ser **C**ode (2 to 6 digits) which correlates with the User Number

99# Master or Supervisor Code* 50# Type# User Number a# User Code a* User Code a* T# UNb# UCb* UCb* T# UNc# UCc* UCc* ..... T# UN_# UC_* UC_**

An example with four user codes is shown below:

Type	User Number	User Code
1	05	875
3	12	2226
2	08	5444
1	50	3367



Using Master Code 4732 and above information, the lock would be programmed as follows:

99# 4732* 50# 1# 05# 875* 875* 3# 12# 2226* 2226* 2# 08# 5444* 5444* 1# 50# 3367* 3367*

If all user codes are type 1, it is not necessary to enter the type number with each entry.

The format now simplifies to:

99# Master or Supervisor Code* User Number a# User code a* User Code a* UNb# UCb* UCb* UNc# UCc* UCc*..... UN_# UC_* UC_**

An example with three user codes is shown below:

Type	User Number	User Code
1	07	77
1	15	67832
1	91	7568

Using Master Code 45988 and above information, the lock would be programmed as follows:

99# 45988* 07# 77* 77* 15# 67832* 67832* 91# 7568* 7568**

To chain the User Number delete procedure:

99# Master Code* User Number a#** UNb#** UNc#**..... UN_#****

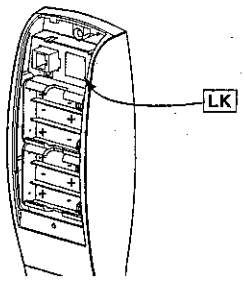
Using the information from the above example:

99# 45988* 07#** 15#** 91#****

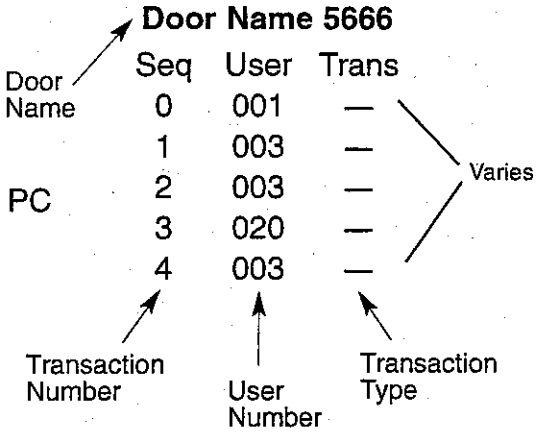
10 Transaction Log

To output the last 15 or 1000 transactions, enter 99 # Supervisory or Master Code * 70 # 0 # 0 # **.

- **Examples on this page are for the 100 user, 15 transaction unit**



Note: Seq. # 0 is the programming request to output the entries. Sequence numbers 1-9 are the actual entries.



Door Name

- If SofLink™ Plus is used, door name must be changed via PC

Sequence Number

- Single digit - 0-9
- Latest transaction - 0
- Oldest transaction - 9

User Number

- Three digits - 001 through 099
- User numbers assigned at time of programming

Transaction Descriptions

- Will vary

Optional Equipment

- Printer Paper (6 Rolls) - 52-0034 used for infrared printers
- Infrared Printer - 52-2069 - used to download the user and transaction type.
- Remote Unlocking - 52-2071 - used for remote unlocking of keypad mortise lock. When the deadbolt is thrown and the remote unlocking feature is used, both the latchbolt and deadbolt can be retracted by turning the lever handle.

Hold an infrared printer up to the infrared LED (as shown). An HP82240B Infrared Printer can be used to download information from the keypad to a printout.

