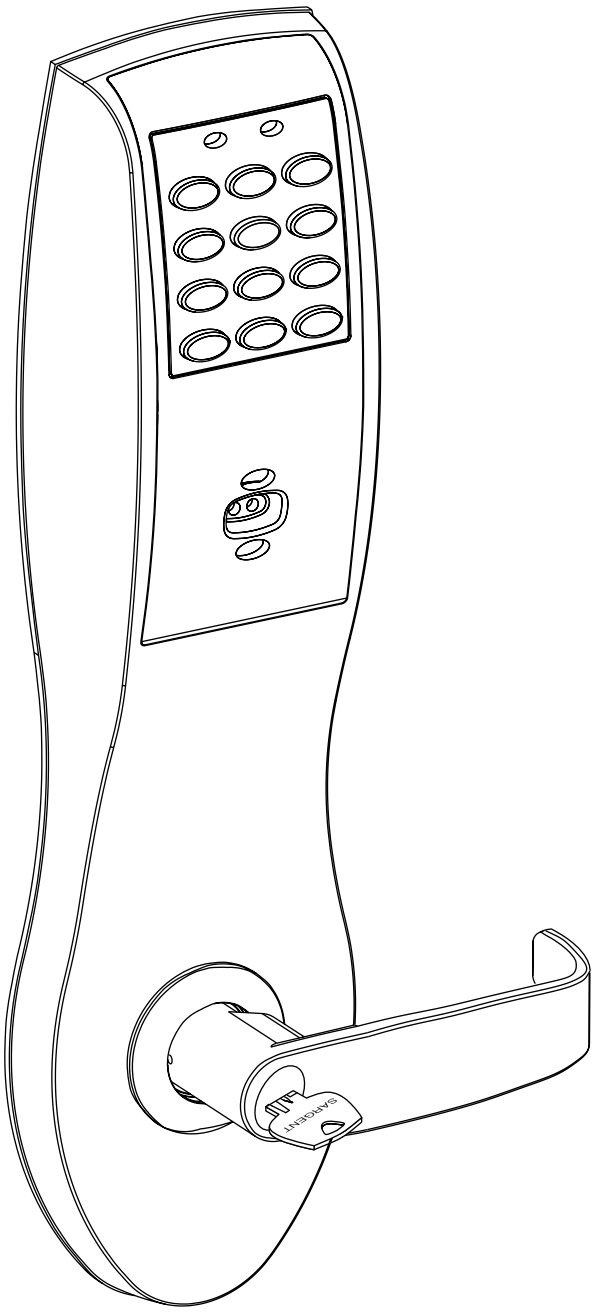
Installation Instructions For
Profile Series v.G1 Cylindrical Lock



A7453C

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www.sargentlock.com

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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 numérique de la classe B est conforme avec la norme NMB-003 du Canada.

Warning To comply with “Fire Listed” doors, the batteries must be replaced with alkaline batteries only.

2 General Description

The SARGENT Keypad Cylindrical Lock is designed for areas which require stand alone authorized entry. It is a self-contained microprocessor-controlled keypad with non volatile memory. The keypad will hold a total of 100(LK)/2000 (G1-LU, G1-PK, G1-PA, G1-TU, G1-TP, G1-TA) different user codes. User codes “01” & “02” are utilized for Master Code and Supervisory Code, respectively.

This product is operated by six (6) “AA” alkaline batteries.

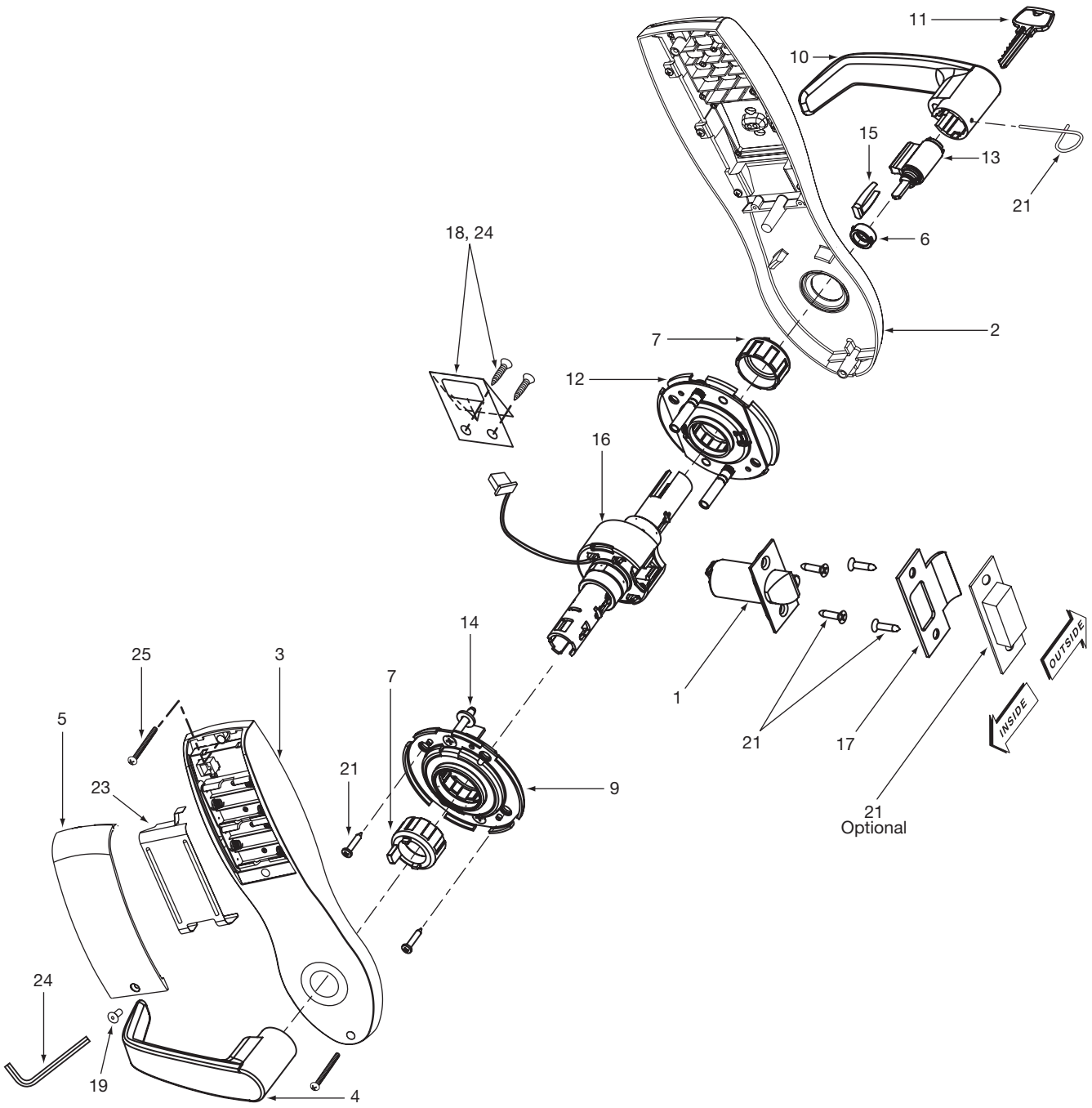
3 Specifications

- Latch – 1/2" standard
  3/4" throw fire rated double doors (optional) (41- prefix)
- Deadlocking latch
- Outside lever controlled by keypad, or key retracts latch
- Inside lever retracts latch
- Locks furnished for 1-3/4" doors only
- U.L. Listed

4 Features

- Non volatile memory
- Motor driven, battery operated
- Battery operated with 6 “AA” Alkaline
- Low battery alert–4 chirps after code entry
- External remote “request to enter”
- Master, Emergency or Supervisory code will unlock door when low battery has expired
- 100 (LK) or 2000 (G1-LU, G1-PK, G1-PA, G1-TU, G1-TP, G1-TA) users
- Programming done at keypad or with a PDA using SofLink™ Plus software and a PC (G1-TA & G1-TP require software)
- RF Fob and Proximity Card, Tag, Fob are optional
- Operates utilizing any two to six digits per code. Digits may be repeated and codes may start with zero
- Cylinder override
- Entry of three wrong User Codes disables all codes for ten seconds. Yellow LED on solid
- Piezo horn can be heard with each keystroke or turned off by Master or Supervisory Code
- Last 15 transactions can be output to portable print via infrared link (LK Only)
- Last 2000 (Except LK) transactions can be output to PC via SofLink™ Plus Software

5 Parts Breakdown



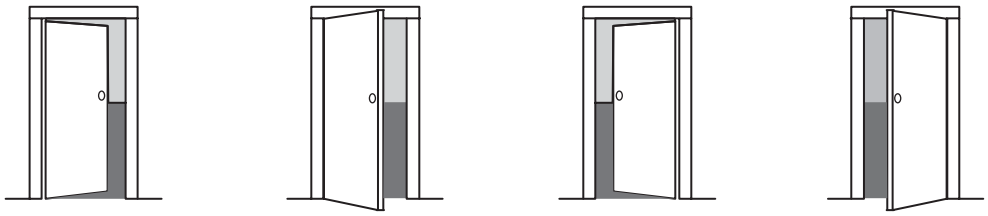
5 Parts Breakdown (Continued)

ITEM	PART No.	DESCRIPTION	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)	1
	10-2634	3/4" Throw (41 Prefix)	1
2	10-3026	Outside Escutcheon Key Pad, Key Pad/Prox (LK)	1
	10-3130	Outside Escutcheon Key Pad, Key Pad/Prox (G1-LU, G1-PK, G1-TU, G1-TP)	1
	10-3131	Outside Escutcheon Prox Only (G1-PA, G1-TA)	1
	10-3016	Outside Escutcheon Housing Only	1
	52-2432	Keypad/Proximity Bezel Assembly w/ Harness (LK)	1
	52-2704	Key Pad/Proximity Bezel Assembly w/ Harness (G1-LU, G1-PK, G1-TU, G1-TP)	1
	52-2706	Prox Only Bezel Assembly w/ Harness/(G1-PA, G1-TA)	1
3	10-3020	Inside Escutcheon and 100 User Controller (LK)	1
	10-3126	Inside Escutcheon and 2000 User Controller (G1-LU)	1
	10-3127	Inside Escutcheon and Key Pad/Prox or Prox Only Controller (G1-PA, G1-PK)	1
	10-3015	Inside Escutcheon Housing Only	1
	52-2439	100 User (LK) Key Pad Controller Assembly	1
	52-2733	2000 User (G1-LU) Key Pad Controller Assembly	1
	52-2734	2000 User (G1-PA, G1-PK) Prox Only or Prox Key Pad Controller Assy.	1
	52-2736	2000 User (G1-TA, G1-TP) Prox Only or Prox/Keypad Controller Assembly w/ RF Technology	
	52-2735	2000 User (G1-TU) Keypad Controller Assembly w/ RF Technology	
4	10-0523	"B" Inside Lever/Passage	1
	10-2204	"J" Inside Lever/Passage **NOTE: Coastal Levers & Cylinders other than Standard— See 10 Line Parts Pages**	1
	10-0501	"L" Inside Lever/Passage	1
	10-0545	"P" Inside Lever/Passage	1
	10-0534	"B" Inside Lever/75 Handicap Warning	1
	10-2245	"J" Inside Lever/75 Handicap Warning	1
	10-0512	"L" Inside Lever/75 Handicap Warning	1
	10-0556	"P" Inside Lever/75 Handicap Warning	1
5	52-2437	Battery Cover Only	1
	52-2509	Battery Cover RF Technology (G1-TU, G1-TP, G1-TA)	
6	10-0019	Cylinder Spacer	1
7	10-0792	Spacer Bushing	2
9	10-3048	Inside Rose Spring Assembly	2
10	10-0524	"B" Outside Lever Standard Cylinder	1
	10-2205	"J" Outside Lever Standard Cylinder	1
	10-0502	"L" Outside Lever Standard Cylinder	1
	10-0546	"P" Outside Lever Standard Cylinder	1
	10-0525	"B" Outside Lever/30	1
	10-2206	"J" Outside Lever/30 **NOTE: Coastal Levers & Cylinders other**	1
	10-0503	"L" Outside Lever/30 **than Standard See 10 Line Parts Pages**	1
	10-0547	"P" Outside Lever/30	1
	10-1535	"B" Outside Lever Standard Cylinder/76 Handicap Warning	1
	10-2246	"J" Outside Lever Standard Cylinder/76 Handicap Warning	1
	10-0513	"L" Outside Lever Standard Cylinder/76 Handicap Warning	1
	10-0557	"P" Outside Lever Standard Cylinder/76 Handicap Warning	1
11		Key (Provided with Cylinder)	
12	10-3049	Outside Rose Spring 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	01-9170	Screws for Through-Bolts (#10-32 x 1-3/4")	1
15	10-0312	Cylinder Retainer - All Cylinders except Removeable and Interchangeable core	1
	10-0313	Cylinder Retainer - Removeable Core or Interchangeable Core	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
18	52-0033	Fire Stop Plate and Screws (2)	1
19	45-1340	Flat Head Screw (Security)	1
20	52-2300	Screw Pack (includes item #'s 18, 19, 24, 25)	1
	01-0297	1/8" Security Socket Allen Wrench (item 24)	1
21	10-2052	Screw Pack – Specify Finish (Strike Screws, Latch Screws, Push Pin Tool, Strike Box)	1
23	52-0253	Battery Keeper	1
	52-0344	Battery Keeper – RF Technology (G1-TU, G1-TP, G1-TA)	
24		See Item # 20 Screw Pack	
25		See Item # 20 Screw Pack	

6 Installation Instructions

1. Verify Hand and Bevel of Door

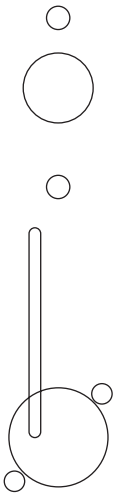
Stand on outside/locked side of the door when determining the door hand



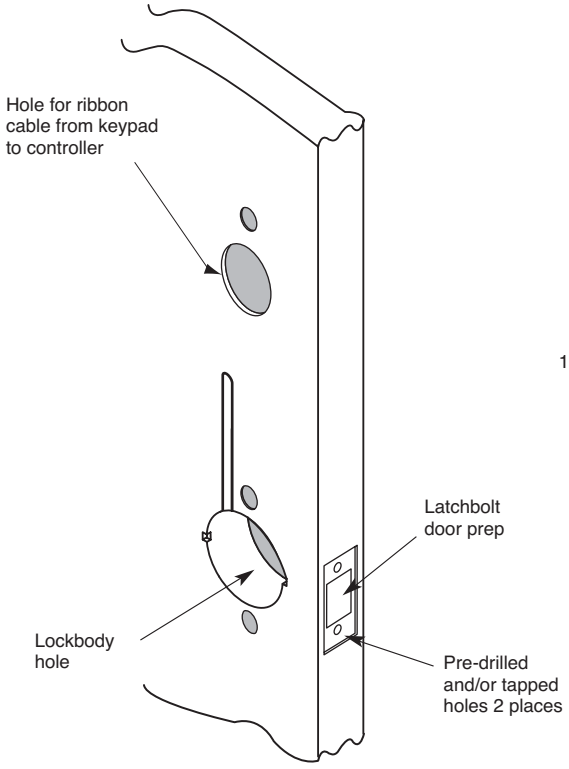
2. Door Preparation

Prepare door according to appropriate template (see website www.sargentlock.com):

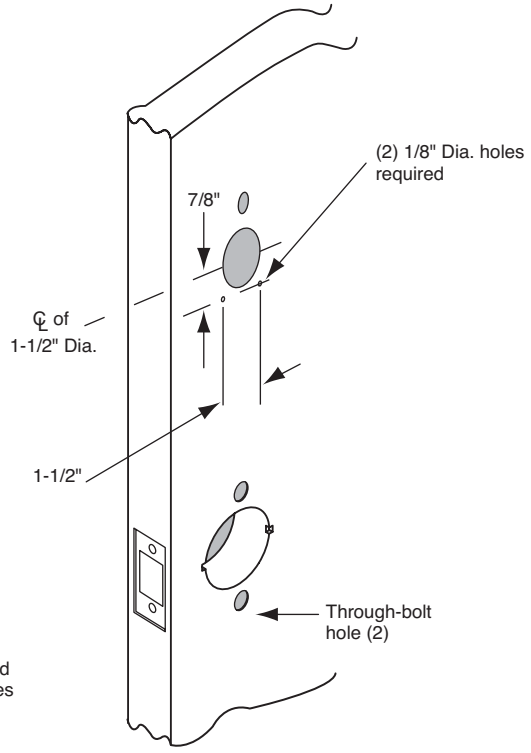
- For metal door template, see A6719 (Lockbody holes) and A7456 (Escutcheon holes.)
- Prior to installation, all holes must be free of burrs, debris and sharp edges
- If doors are not properly reinforced per ANSI115.2, commercially available reinforcements should be installed



Wood Door Preparation

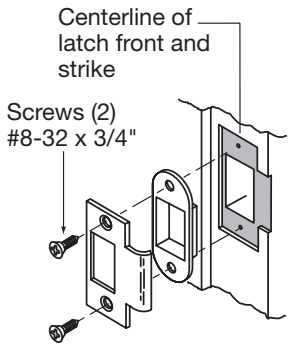


Inside of door



Outside of door

3. Frame Preparation for Strike

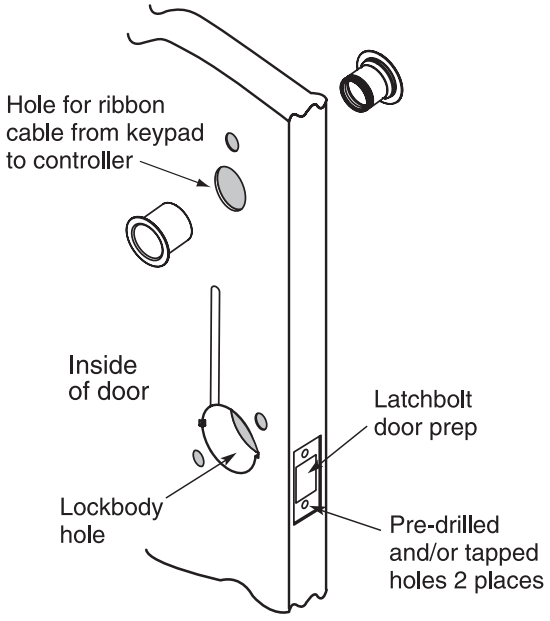


4. Latchbolt and Fire Stop Plate Installation

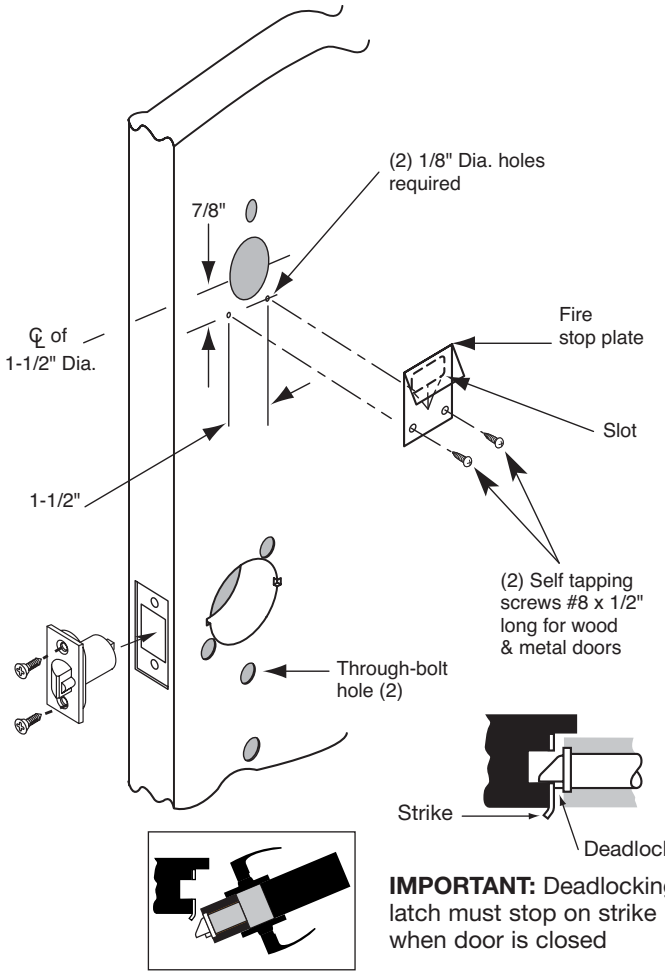
1. Install latch with beveled bolt facing the strike.
2. Attach with two screws but **DO NOT** tighten completely at this time.
3. Attach Fire Stop Plate with two screws.

Note: Required for all Fire Rated doors

Non Fire Rated Exterior Doors - Install Weather Conduit (P/N 52-2847) as shown below



Wood Door Preparation



IMPORTANT: Deadlocking latch must stop on strike when door is closed

NOTE: For RF Technology versions (G1-TU, G1-TP, G1-TA) refer to Section 8 to install through bolt screws.

5. Preset Lock Installation

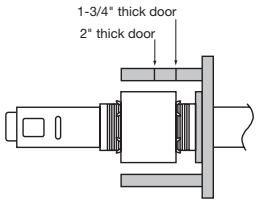
- Through-bolt location- 12 & 6 o'clock
- Door thickness- 1-3/4" thick- see below for other door conditions

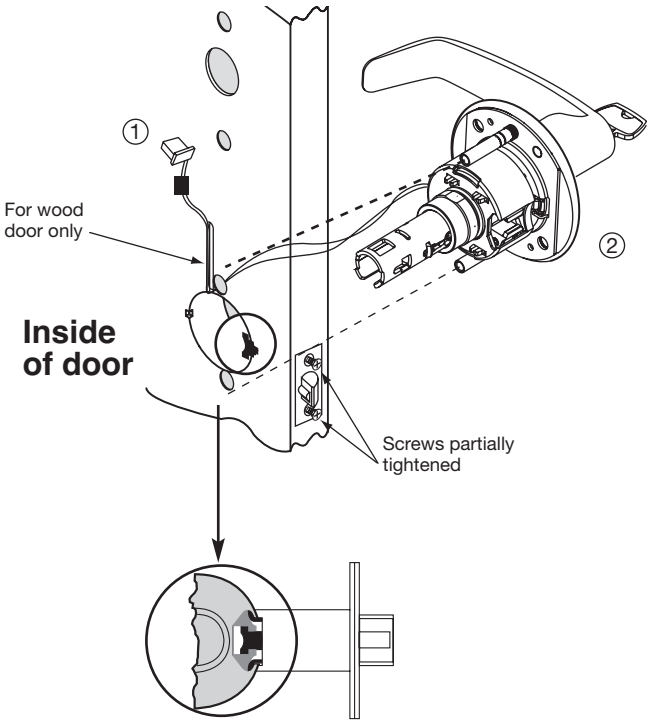
Adjustment for different through-bolt and door thickness:

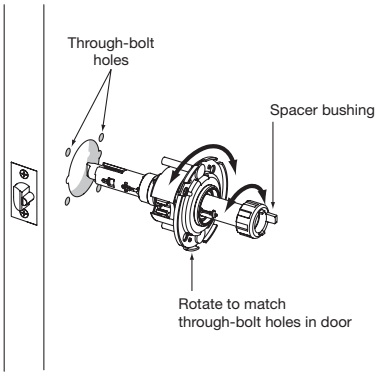
- Through-bolt location- rotate outside rose to match door
- Door thickness- rotate outside rose to align door thickness marking with lockbody edge
- Spacer bushing- remove and realign to fit into back of lever

1. Feed wires into the lock body hole, from outside of door.
2. Lock body into cross-bore hole from outside of the door (locked side).
3. Lock body must engage the latch unit prongs as shown.
   The lock body retractor must engage the latchunit tail piece.

IMPORTANT:
Door must remain open during installation.
Use door stop.





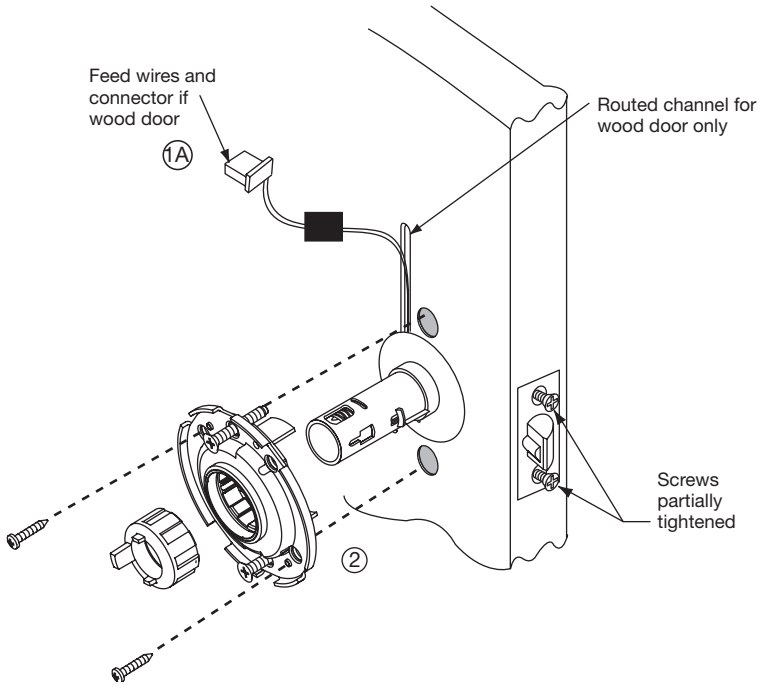


6. Securing the Lock to Door

1A. If wood door, feed wires up through the routed channel as shown.

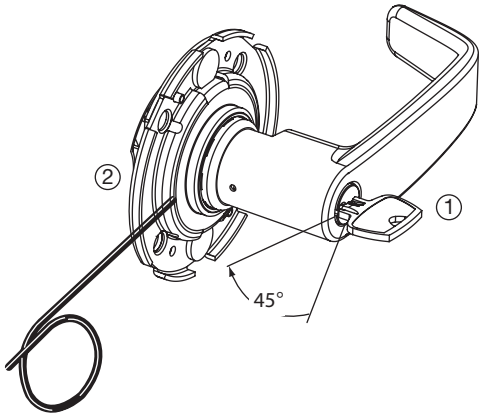
1B. If metal door, feed wire and connector through inside of door and out hole on outside of door.

2. Attach inside rose assembly and spacer bushing and secure with screws shown



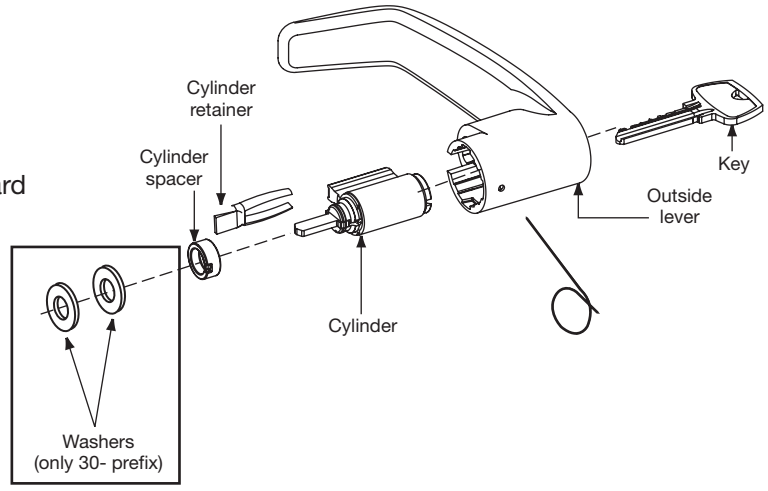
7. Remove Outside Lever Only

1. Insert key, rotate 45° clockwise and hold
2. Depress lever retainer with push pin tool (provided).



How to Change Cylinder (if different than provided)

1. With outside lever in hand- use standard pliers, pull out outside retainer.
2. Remove key and cylinder from lever.
3. Insert new cylinder.
4. Secure by pressing retainer full flush with self.



8. Installation of Outside Escutcheon and Lever

NOTE: For exterior applications use gasket part # (10-0649) between escutcheon and outside door surface

1A. For fire rated doors only feed ribbon cable connector and ground wire from outside of door through gasket then fire stop plate.

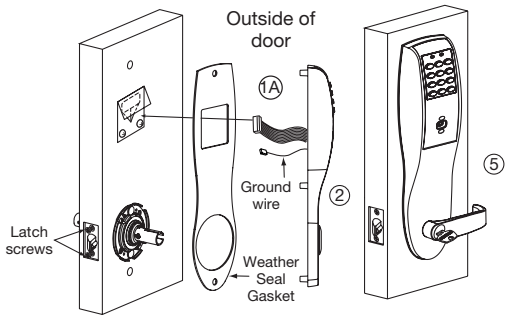
1B. For non-fire rated doors only, feed ribbon cable connector and ground wire through gasket then hole in door.

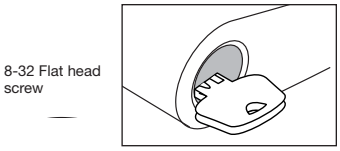
2. Slide the outside escutcheon over the lever tube, and hold the escutcheon to the door surface

3. Verify white plastic cylinder spacer is inserted into horizontal slot of lockbody.

4. Slide the outside lever onto tube with key horizontal (toward latch). Rotate key 45 degress clockwise.

5. Push lever until lever catch is engaged





9. Inside Escutcheon and Lever

.1. Remove black battery cover from the escutcheon with security wrench (provided).

2. Connect ground wire to terminal E3, connect keypad harness to controller, and connect lock body motor harness to motor connector.

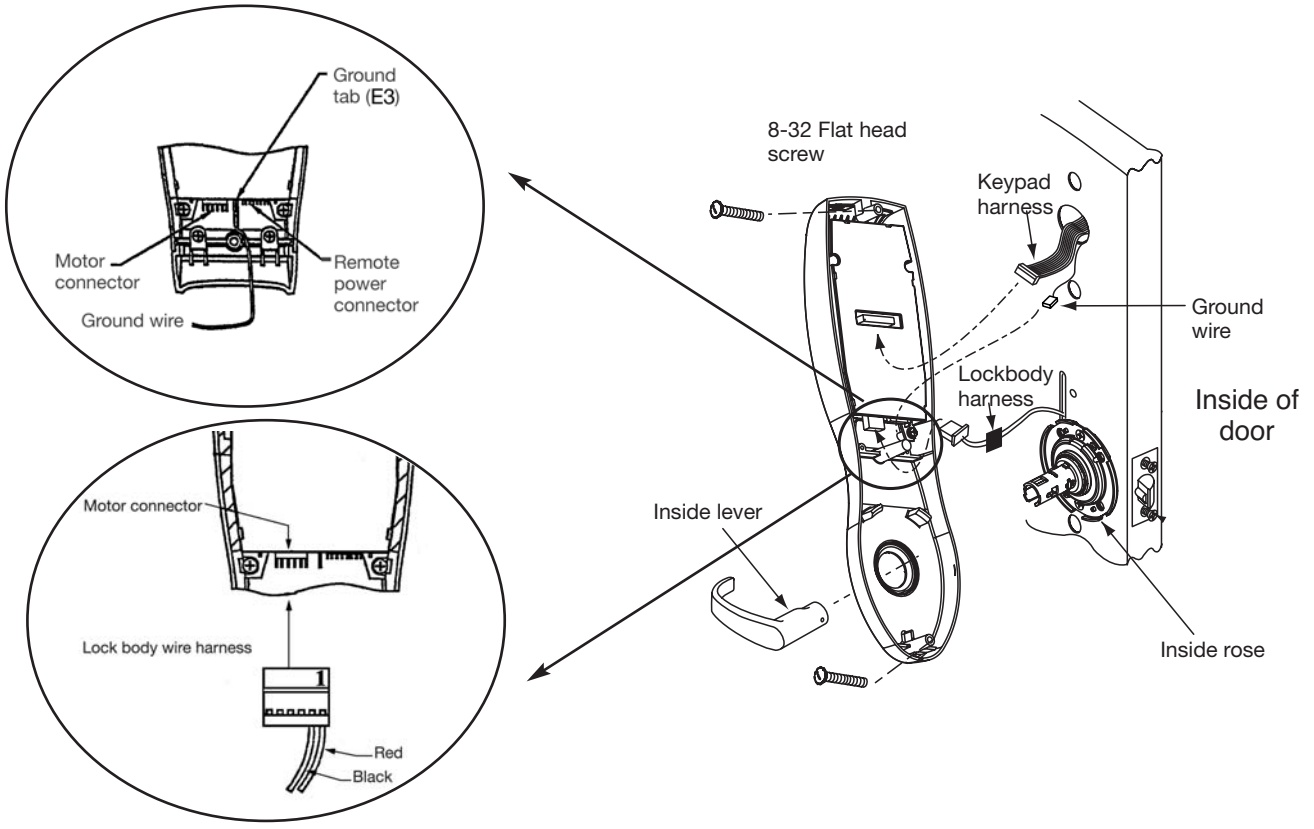
3. Feed all excess wire through inside door hole and/into outside escutcheon cavity, being careful not to pinch wires.

NOTE: Connectors go on only one way, do not offset connector and be sure they are completely sealed.

4. Insert two #8-32 screws through top and bottom of inside escutcheon and thread into outside escutcheon. Straighten escutcheons and tighten securely, being careful to avoid pinching wires.

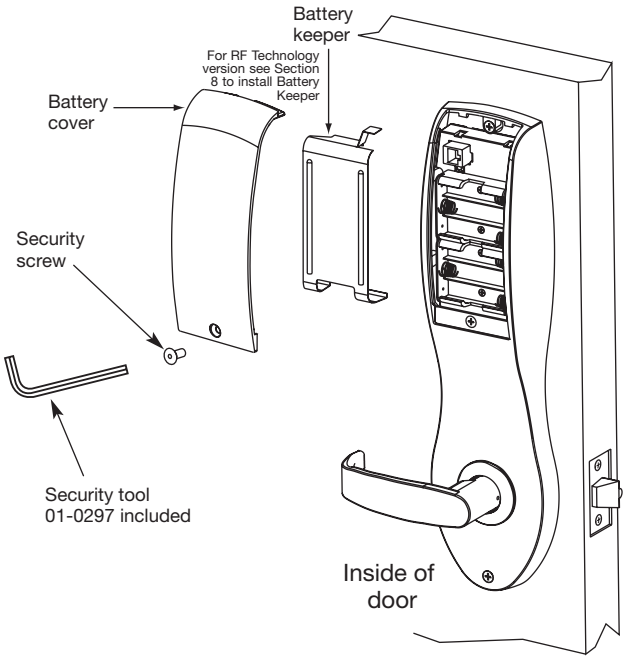
5. Slide the Inside Lever onto the tube.

6. Tighten 2 latch screws securely.



11. Battery Installation

Fig. 1



2. Place (6) “AA” batteries* into the compartment being careful to align polarity properly (Ref. Fig. 2).

3. Install battery keeper clip by inserting tabs into bottom slots. To remove keeper, pull on top tab (Ref. Fig 3).

4. Attach battery cover to inside escutcheon making sure to line up tabs with retaining slots in battery cover. Secure with security screw (Ref. Fig. 4).

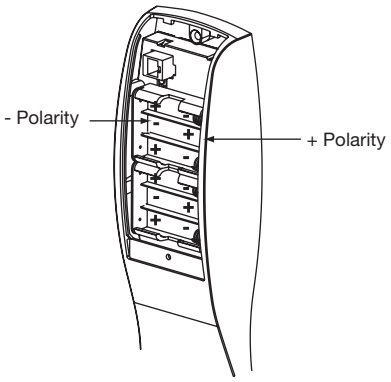


Fig. 2

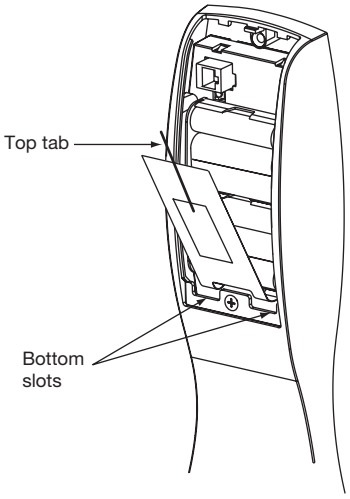


Fig. 3

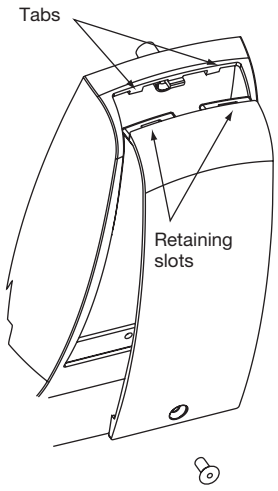


Fig. 4

Test for proper operation before closing door

7 Operational Check

For devices with cylinders:

1. Insert key into cylinder and rotate.
2. The key will retract the latch, key should rotate freely
3. Inside lever retracts latch and deadbolt (if provided)
4. Enter 1234* to unlock outside lever handle and retract latch and deadbolt (if provided)
5. If lock is prox only (G1-PA) or RF Technology with Prox (G1-TA) - refer to Keypad programming instruction manual (A7716)

8 Installation of RF Technology Lock

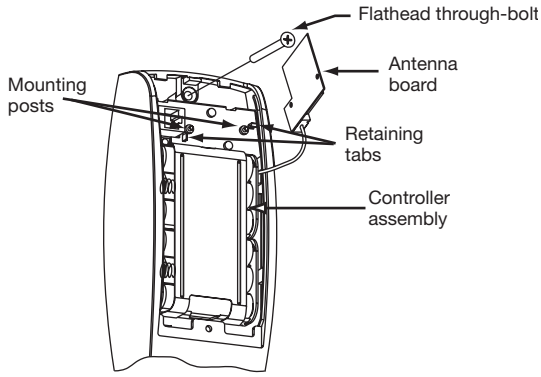
The RF Technology Lock (G1-TU, G1-TA, G1-TP) is installed as described in sections 1-7 with the following exceptions:

- **Installation of the top thru-bolt screw**
- **Removal process for the battery keeper**

A. Installation of the top thru-bolt screw:

The antenna board must be carefully moved to access the upper thru-bolt screw. Care should be taken to prevent damage to the antenna retaining tabs during this process.

Press the two tabs away from the antenna board and lift the board off the mounting posts. Insert the flat head thru-bolt and secure the escutcheon in place. After tightening the top thru-bolt, replace the antenna board by placing it on the mounting posts and pressing into the retaining tabs.



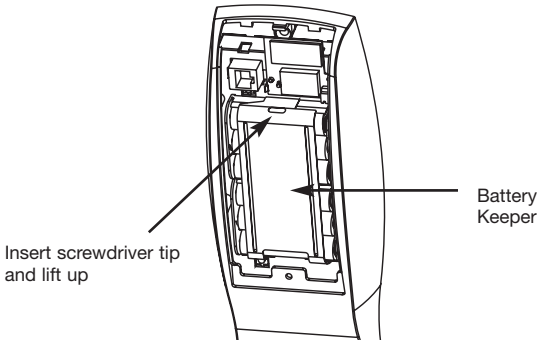
Assembly	Products	G1-TU	G1-TP	G1-TA
Controller	Bored	52-2735	52-2736	52-2736
	Mortise	52-2785	52-2786	52-2786
	Exit	52-2785	52-2786	52-2786
Keypad	All	52-2704	52-2704	+52-2706

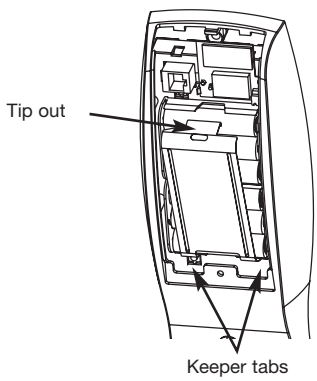
B. Removal procedure for the Battery Keeper:

To remove the battery keeper, a flat bladed screwdriver or similar tool must be used.

Insert the screwdriver into the slot at the top of the battery keeper, lift up and pull the top of the keeper away from the batteries.

To install, insert the tabs on the bottom of the keeper into the battery compartment slots and press the keeper tightly against batteries.



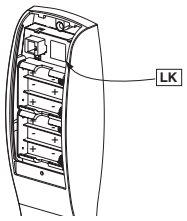


The following are typical procedures to follow when setting up your Cylindrical Keypad Lock

- 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 second 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 illustration below:



If your label has a LK, then use the programming below.

If your label has a LU or PK, turn to the next set of programming instructions.

If your label has a PA, turn to PA programming.

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 latch.

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*.

It is important to change the factory default Master Code as soon as possible. Use current Master Code after initial programming.

To Change The Emergency Code

Initial Emergency Code from factory is 4321

It is recommended that the Initial Emergency code be changed.

Note: Emergency code is deleted when Clear Entire Memory is used and must be reprogrammed.

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 Enter A Supervisory 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

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

Enter an Extended User Code

99# Master Code*	Yellow LED blinks
50# 4# (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 Relock User Code

99# Master Code*	Yellow LED blinks
50# 6# (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

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*, with Unlock Time of 5 Seconds. If the master Code is not known, Factory Assistance will be required to clear the memory.

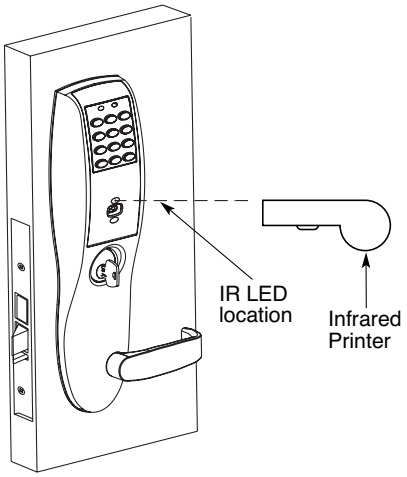
To Program Door Code into Lock

99# Master Code*	Yellow LED blinks
43# Door Code (up to five digits)#	Yellow LED blinks
0#	Yellow LED blinks quickly
*	Yellow LED blinks slowly (If solid, see note)
*	Yellow LED goes out
*	Yellow LED goes out

To Interrogate Transaction Log Using IR Printer

99# Master Code*	Yellow LED blinks
70# 0# 0#	Yellow LED blinks
*	Yellow LED blinks quickly
*	Yellow blink, Green fast, Point printer to Infrared LED. The printer will start to record the transactions. When done recording the Green LED will turn off and Yellow Blinks Slow. Transactions STOP
*	Yellow LED goes out

For additional information, see Transaction Log Page 23



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 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. 04-100)#	Yellow LED blinks
*	Yellow LED blinks quickly
*	Yellow LED blinks slowly (If solid, see note)
*	Yellow LED goes out

To 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.

Status Indicators

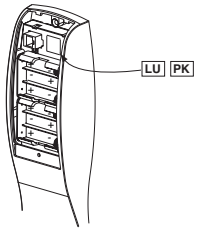
No Green LED after code is entered once, but flashes after 3 consecutive entries – Invalid Code

4 Long beeps after code is entered – Low Battery (replace batteries)

4 Long beeps after code is entered, 4 more long beeps – Voltage (batteries) to low to operate
Enter Master, Emergency or Supervisory Code to gain entry to replace batteries.

LU and PK Programming

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



If your label has a LU or PK then use the programming below.
If your label has a LK turn to LK programming.
If your label has a PA, turn to PA 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*.
It is important to change the factory default Master Code as soon as possible.
Use current Master Code after initial programming.

To Change the Emergency Code

Initial Emergency Code from factory is 4321
It is recommended that the Initial Emergency code be changed. **Note: Emergency code is deleted when Clear Entire Memory is used and must be reprogrammed.**

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 Enter The Supervisory 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

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 (Maintained) 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 an Extended User Code

99# Master Code*	Yellow LED blinks
50# 4# (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 Relock User Code

99# Master Code*	Yellow LED blinks
50# 6# (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, Tag 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

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

This Deletes ALL Codes, including Master, Emergency and Supervisory. The Master Code is set back to 1234*, with Unlock Time of 5 Seconds. If the master Code is not known, Factory Assistance will be required to clear the memory.

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

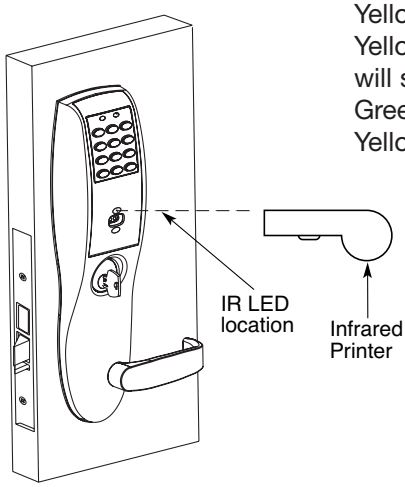
To Delete A User

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

99# Master Code*	Yellow LED blinks
70# 0# 0#	Yellow LED blinks
*	Yellow LED blinks quickly
*	Yellow blink, Green fast, Point printer to Infrared LED. The printer will start to record the transactions. When done recording the Green LED will turn off and Yellow Blinks Slow. Transactions STOP
*	Yellow LED goes out

For additional information, see Transaction Log Page 23



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 Reset/Clear Transaction Log

99# Master Code*	Yellow LED blinks
76# 00000# 00000#	Yellow LED blinks
*	Yellow LED blinks quickly
*	Yellow LED blinks slowly (If solid, see note)
*	Yellow LED goes out

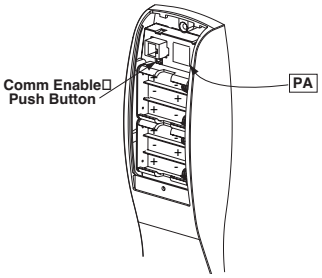
NOTE: If the Yellow LED becomes Solid rather than blinking, a mistake has been made. Depress the * Button until the Yellow LED goes out and start programming again.

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, Enter Master Code, Emergency Code, or Supervisory Code to gain 1 entry.
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 illustration below:



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

In a Prox Only (PA) configuration, all programming must be completed using SofLink™ Plus Software. The Software includes a convenient software User's Manual to be used as a programming guide.

First Time Programming

(Using any HID Card and the PA controller CommEnable push button)

NOTE: Card can also be a Fob or Prox Tag.

1. Create/Open Door File for PA Lock
2. Connect lock to PC (or PDP) using connectors and cable
3. On PC – Click "Send to Door"
   On PDP – Click "Up/Down"

   Message appears on PC "Please enter your communication code at teh controller and then clock OK." Do NOT click OK at this point.
4. Wake up the PA Lock by presenting a HID Card at the PA prox assembly.
5. Within 2 seconds press and hold the PA controller **CommEnable** push button for 2 seconds, then release the button.

   PA prox assembly – Green LED flashes and lock beeps several times
6. On PC or PDP, click OK

   The PC or PDP starts transferring the door file to the PA lock. When finished, PD displays "Transfer Complete"
7. Click OK. If there was an error, check connections and repeat process starting at Step 2.
8. The Card will NOT signal the lock for 45 seconds from the start of the downloading process. After this time expires, the card should function as indicated by its User Type.

Reprogramming

1. With Card selected as a "CommEnable" User Type programmed with SofLink Plus Software. When this is done, presenting the "CommEnable" prox card to the lock will allow the unit to wake up and initiate the communications channel to the PC without the need to press the CommEnable push button. Follow "First Time Programming" procedure, except skip step 5.
2. With Card previously programmed (other than CommEnable User Type). Follow "First Time Programming" procedure.