

**WEISER LOCK®**

**Powerbolt-1000®**  
**HOME ACCESS SYSTEM**

**Touchpad Electronic Deadbolt  
Installation & Learning Instructions**

**Owner's Manual**

**WEISER LOCK®**  
**Electronics Division**

A Masco Company  
©2002 Masco Building Products Corp.  
Printed in the USA Part No: 70-006886-001

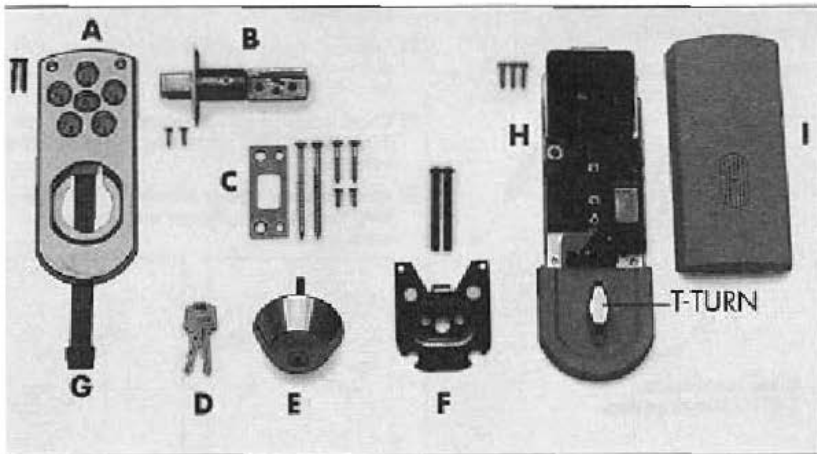
6700 Weiser Lock Drive  
Tucson, AZ 85746  
1-800-343-9652  
[www.powerbolt.com](http://www.powerbolt.com)

3980 North Fraser Way  
Burnaby, B.C. V5J 5K5

## Table of Contents

Enclosed Pieces	Page 1
Door Preparation	Page 2
Deadbolt Latch Installation	Page 2
Strike Installation	Page 3
Touchpad Electronic Deadbolt Installation	Page 4
Programming Instructions	Page 6
Proper Operation of Touchpad Electronic Deadbolt	Page 7
Optional Duo Actuator	Page 8
Warranty	Page 8
Troubleshooting Tips	Page 9

## Enclosed Pieces



### Pieces

- A Touchpad
- B Latch
- C Strike
- D Keys
- E Deadbolt
- F Mounting Plate
- G Power Strip
- H Power Board
- I Access Cover

### Important Notes:

Use the components from this package, make no substitutions.

Consult local building codes for requirements in your area.

Read all instructions and lay out parts as shown.

Under normal use it is recommended to replace the batteries in the Power Board once a year.

## 1. Door Preparation

### Replacement Installation

Remove all old lock components.

Use the enclosed template to verify the following:

Deadbolt face hole needs to be 2-1/8" (54mm) diameter.

Backset = Distance from edge of door to center of lock (2-3/8 to 2-3/4").

Location to drill the small starter holes for inside and outside trims.

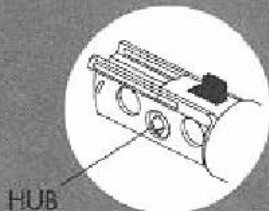
Make any necessary modifications.

### First-time Installation

Follow instructions on enclosed template.

## 2. Deadbolt Latch Installation (Piece B)

### Important Notes:

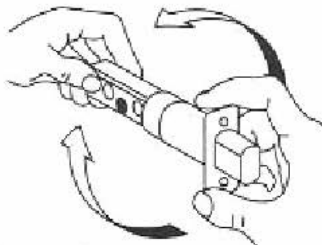


**Install deadbolt latch with hub down and bolt extended.**

**Key should NOT be in deadbolt during installation.**

### To Adjust Backset:

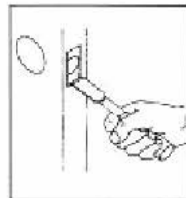
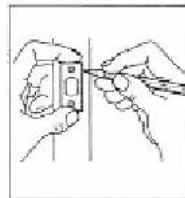
Rotate counter-clockwise to 2-3/4" (70mm) position.



Rotate clockwise to 2-3/8" (60mm) position.

### Face Plate

- 1 Keeping edges parallel to the face of the door, outline face plate and remove deadbolt latch (see illustration below left).
- 2 Chisel outline of face plate until it is flush with door edge, 5/32" (4mm) deep (see illustration below right).
- 3 Insert deadbolt latch in edge hole. Be sure to keep the hub down. Secure with two 5/8" wood screws.



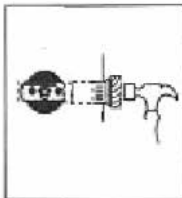
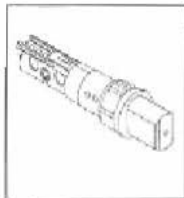
#### Drive-In

- 1 Insert deadbolt latch into edge hole keeping flat edge of bolt parallel to the face of door (see illustration below left).

#### Retract bolt.

- 2 Using a wood block, tap with hammer until surface of collar is flush with door edge (see illustration below right).

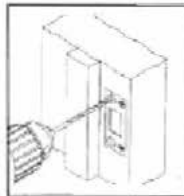
#### Re-extend bolt.



### 3. Strike Installation (Piece C)

#### First-time Installation

- 1 For easy location of strike hole, we recommend smearing color (such as grease pencil or crayon) on dimple on the end of the deadbolt latch. Retract bolt and close door. Extend bolt, leaving mark on door jamb.
- 2 Drill a **1-1/8" diameter** (28.5mm) hole, 1-1/4" (29mm) deep, in door frame centered on mark made in instruction 1.
- 3 Center strike over hole and trace around strike. Chisel out door frame until strike is flush.
- 4 Position strike with large holes toward door stop. Pre-drill large holes 3" (76mm) deep. Install 3" (76mm) screws in large strike holes and install remaining 5/8" wood screws in smaller holes.
- 5 Close door and ensure bolt extends and retracts freely.



#### Important Note:

**Deadbolt latch must enter strike with no resistance or the Powerbolt Touchpad Electronic Deadbolt will not work properly.**

### 4. Electronic Deadbolt Installation

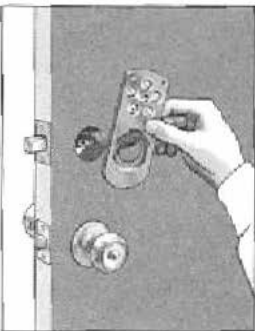
#### Important Note:

**Deadbolt needs to be in extended position.**

#### 4. Touchpad Electronic Deadbolt Installation

Place Touchpad **A** on outside of door and place power strip **G** through door over top of latch **B**.

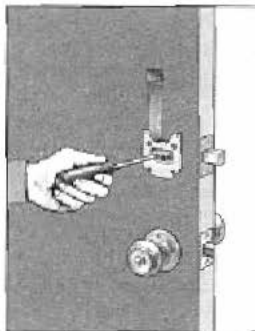
**Note:** Do not remove backing from Touchpad.



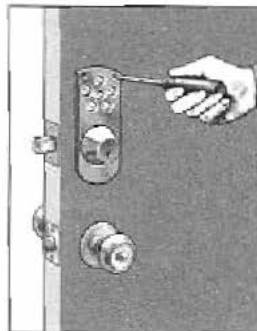
2 With key removed, place deadbolt **E** against Touchpad **A** with tailpiece in vertical position inserted through hub of latch **B**.



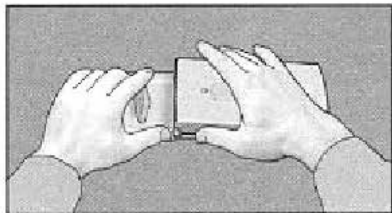
3 Attach deadbolt with 2 large black bolts through mounting plate **F** as shown. Power strip **G** should extend out.



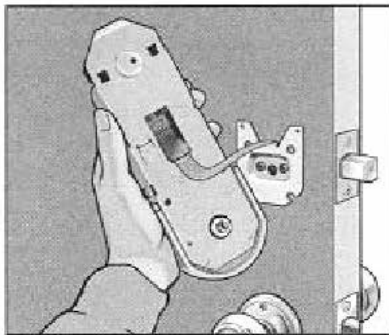
4 Line Touchpad **A** up with small holes from template and attach with two 1" oval head screws. Do not over-tighten screws.



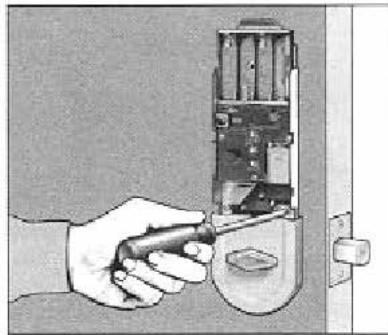
- 5** Remove access cover **I** from Power Board **H**. Hold as shown in photo and twist or pull up on cover.



- 6** Feed power strip **G** through large square hole of Power Board **H** and plug into the 6 prongs.



- 7** Line Power Board **H** up to the 3 small holes drilled from the template. Verify vertical tailpiece engages T-turn and attach power board with 3 chrome-colored screws.

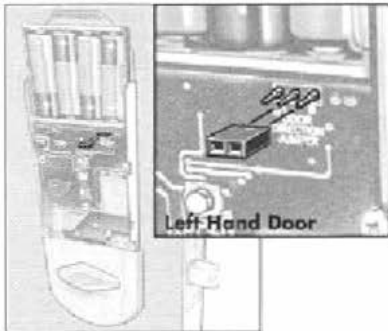


- 8** **Install 4 new AA Alkaline batteries** (not included in package). Battery positions shown on battery case. A series of quick beeps will sound when batteries make complete contact.

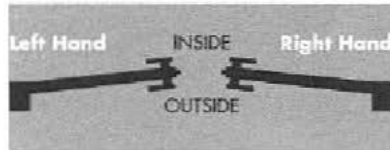
Low Battery Indicator Light on the Power Board will be lit when the batteries need to be replaced.

#### 4. Touchpad Electronic Deadbolt Installation (continued)

Retract deadbolt latch **B** with T-turn. Press the lock button on Touchpad **A**. If motor runs but latch does not extend; You have a left hand door. All locks are preset for right hand doors. (See diagram at right.)



- 10 Verify key works in deadbolt **E**.  
**Note: When manually locking or unlocking the deadbolt by turning the key or the T-turn: The motion will be firm — this resistance is normal.**



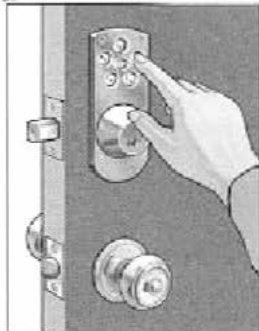
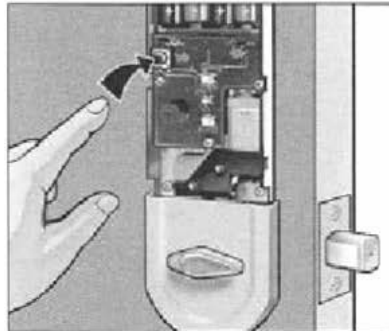
If the hinge is on the **left** side of the door, then the door is **left** handed.

If the hinge is on the **right** side of the door, then the door is **right** handed.

#### 5. Programming Instructions

- 1 Push program button on Power Board **H** once.
- 2 Enter desired 4 to 8 digit code by pressing numbers on outer Touchpad **A**. Press the Lock button on Touchpad to set your code.
- 3 You will hear a 2-second long beep when your code is accepted.

**If unit does not beep — too much time has elapsed between steps 1 and 2. Repeat steps 1 and 2 faster.**





- 4 Enter your number to verify that it retracts the latch **B**.

#### To Enter Second Code

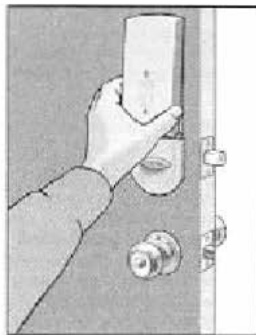
Push program button twice, then repeat steps 2-4.

- 5 Snap access cover **I** onto power board **H**. Align cover to top of power board and press down at the bottom of the cover (see illustration

#### Important Note:

**This electronic lock will hold two different codes. Random codes are factory set for testing purposes. It is recommended that you enter two new security codes. New codes override/delete old existing codes.**

below). To coordinate with your home decorating scheme, the access cover may be painted to match your door.



## 6. Proper Operation of Touchpad Electronic Deadbolt

- 1 Push the lock button on outside touch pad to extend latch bolt 1" which locks the door when you leave.
- 2 Enter your desired personal code to retract the latch bolt completely which unlocks the door when you return home.
- 3 The T-turn on the inside of the door is used to extend (lock) or retract (unlock) the latch bolt when you are inside.
- 4 Using the key from the outside will also extend (lock) or retract (unlock) the latch bolt.
- 5 This Touchpad Electronic Deadbolt should be accompanied by a Weiser Lock Passage (non-locking) Knobset, Leverset, or Handleset.



## Optional Duo Actuator

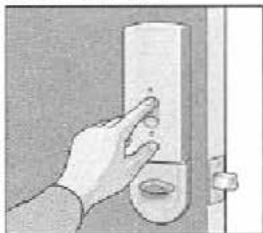
For Model ED1470

### Steps of Operation

How to operate Duo Actuator Lock and Unlock Buttons (see illustration below).

Press the upper button to unlock the Touchpad Electronic Deadbolt.

Press the lower button to lock the Touchpad Electronic Deadbolt.



## Important – Please Read

Under normal use it is recommended to replace the batteries once a year. When batteries are low, it will take longer to retract the bolt. Batteries should be changed immediately!

Lower latch must hold shut allowing deadbolt latch to enter strike freely with no restrictions.

If door is misaligned, make necessary adjustment to deadbolt strike location and/or hole in door jamb to allow the deadbolt latch to retract and extend freely.

Reprogramming of codes should not be necessary after changing batteries.

If required, key can be used to retract deadbolt.

If interior trim is exposed to extreme cold temperatures, the batteries will not operate. This is typical of all batteries and not a malfunction of the lock.

## Warranty

- **Weiser Brilliance™ Full Lifetime Finish Warranty**
- **Full Lifetime Mechanical Warranty**
- **One Year Limited Electrical Warranty**

This warranty states all mechanical lock parts will be free from defects in material and workmanship, including deterioration over time, of the Brilliance finish on the exterior lock components while the original purchaser owns the lock.

All electrical components are covered by a One Year Limited Warranty.

Our warranty excludes locks that have been damaged by installation contrary to our written instructions or modified with non-Weiser components. **It also excludes incidental or consequential damages.** (Some states do not allow the exclusion or limitation of incidental damages so this exclusion may not apply to you.)

To register a warranty claim, please return the product, freight prepaid to: Attn: Customer Service, Weiser Lock, 6700 Weiser Lock Drive, Tucson, AZ 85746. Weiser will repair or replace the lock or refund the purchase price (if it is not practical to repair or replace). You will be responsible for the removal of the old lock and the installation of the new one.

This Warranty provides you with specific legal rights and you may also have other rights which vary from state to state.

## Troubleshooting Tips

### If Electronics Are Not Working — Check the Following:

Are your batteries good? Is the power strip plugged in properly? (See step 4.6)

Are the batteries installed correctly and making full contact? (See step 4.8) You should hear a series of quick beeps when batteries are installed correctly and making full contact.

### Handing of Your Door

If the bolt does not extend when lock button is pressed, check the handing of your door (See Step 4.9)

### Preset Factory Codes

This lock will maintain two different codes. Two random codes are preset by the factory for testing. It is recommended that you enter two

new security codes to cancel out the preset codes. (See step 5).

### Problems with Setting your Security Codes — Check the Following:

You will hear a 2 second beep when your codes are accepted. (See step 5.1-3).

If the unit does not beep — too much time has elapsed between steps 1 & 2. Repeat these steps faster.

**Note: You have approximately 3 seconds between step 1 & 2 for your codes to be accepted. Please note the next statement.**

### Unauthorized Code Warning:

For your added security, a warning tone will sound for 15 seconds if an incorrect security code is entered three times consecutively. The Touchpad will not operate for 1 minute.

**Note:** If several attempts were needed to set your security codes — you may have activated the warning sound. Wait 1 minute for the unit to be operational again.

### Important Note:

**Manual locking or unlocking the deadbolt by turning the key or the T-turn — the motion will be firm. This resistance is normal for this lock.**

### Look for these other Powerbolt Products:

- Powerbolt 3000 System Remote & Electronic Deadbolt
- Remote Garage Door Opener Module
- Remote Lighting Module
- Remote Keyless Entry
- Knobset, Leverset, & Handleset

**For more information,  
call 800-343-9652**

**[www.powerbolt.com](http://www.powerbolt.com)**