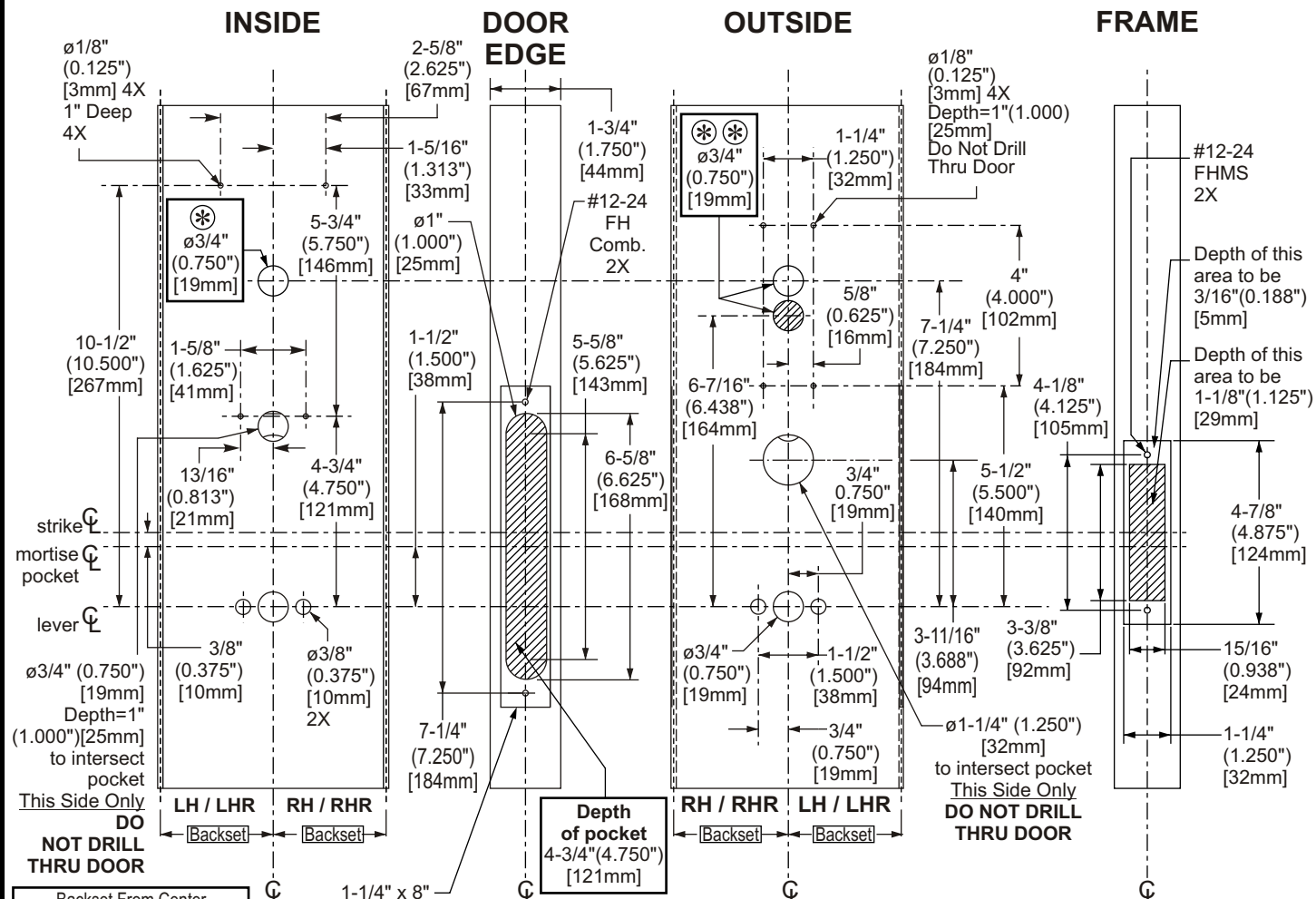


DOOR & FRAME PREP



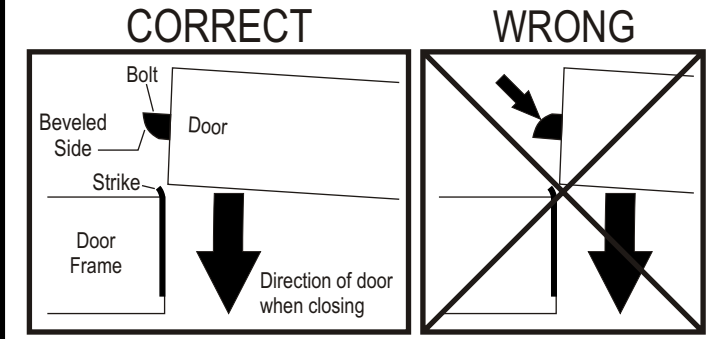
Backset From Center of Beveled Door Edge
Nominal=2-3/4" (2.75") [70mm]
Actual=2-13/16" (2.813") [71mm]

1-1/4" x 8" (1.250") x (8.000") [32mm] x [203mm]
Depth = 1/4" (0.250") [6mm]

- ⊛ Wood doors-Drill thru / Metal doors-Drill this side only.
- ⊛⊛ **Top hole:** For wood doors. Drill thru.
Bottom hole: For metal doors. Drill this side only.

MORTISE CASE HANDING

Verify, and if necessary, reconfigure mortise case handing.



Perform steps 1 thru 6 if mortise case is handed incorrectly.

- Extend the bolt fully by pressing on deadlatch. Insert change key into slot to fix latch shaft in position.
- Use 5/64" [2mm] hex wrench to loosen latch bolt set screw.
- Keep spring in place as you pull latch off shaft and reverse position.
- Apply thread lock compound to set screw. (Loctite 242 recommended)
- Push bolt firmly back onto shaft. Tighten latch set screw.
- Remove change key from slot.
- The lock handing screw (a) must be screwed into the lock from the inside (opposite the cylinder). If not, remove it and install it on the other side. Be sure the dot on the cam (b) is at the bottom when installing the lock handing screw.

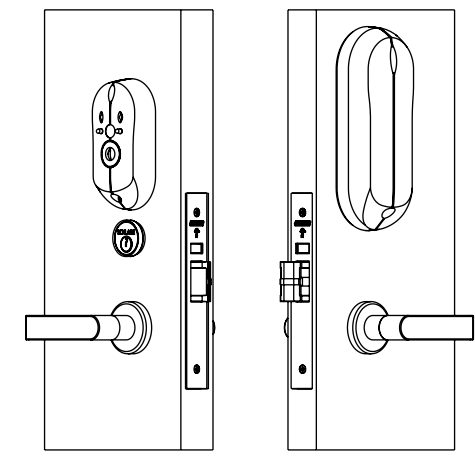


WIRELESS ACCESS MODULAR LOCKS

WA5600 & AUWA5600 MORTISE SERIES



Schlage Lock Company
575 Birch Street
Forrestville, CT 06010
technical support: 866-322-1237
email: SESsupport@irco.com
web: www.irsupport.net



INSTALLATION INSTRUCTIONS

INTRODUCTION:
This manual covers the complete hardware installation of all models in the WA5600 & AUWA5600 Mortise Series line of Wireless Access Modular Locks.

NOTES:

- Illustration on pages 2 and 3 shows a LHR installation, but yours might be different.
- Key cylinder to be 1-1/8" [29mm] or longer with Schlage B502-191 or Schlage B502-948 or equivalent cam.
- When mounting Reader and Transceiver:
 - Wear some form of ESD protection.
 - Do not use power tools to tighten mount screws. Hand tools only.
 - Turn in each mount screw a little bit at a time.
 - Do not overtighten mount screws.
- If cylinder key does not work properly, check that cylinder and appropriate cylinder cam are installed in correct position.

- NON-SUPPLIED TOOLS & MATERIALS NEEDED:**
- Philips head screwdriver set
 - Power Drill with 3/8" [10mm] chuck
 - Drill bit set (up to 1" [25mm])
 - 1-1/4" [32mm] hole saw w/mandrel
 - Allen wrench set
 - Square (90 degrees)
 - Threadlocker (recommend-Loctite 242)
 - Fire rated putty (recommend-Metacaulk Putty from Rectorseal Corp.)
 - Tape Measure
 - Pencil
 - Center Punch
 - Hammer
 - Chisel
 - Masking tape
 - Level

See Back Cover for:
- Door & Frame Prep
- Mortise Case Handing

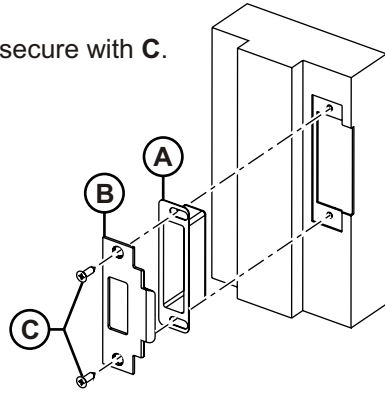
BLOCKING RING TABLE

Key Cylinder Length	Blocking Ring (Schlage P/N: XXX=finish)
1-1/4" [32mm]	1/8" [3mm] (36-079-012-XXX)
1-3/8" [35mm]	1/4" [6mm] (36-079-025-XXX)
1-1/2" [38mm]	3/8" [10mm] (36-079-037-XXX)
1-5/8" [41mm]	1/2" [13mm] (36-079-050-XXX)

- FCC Compliance**
- This device has been authorized by the FCC Rules and Industry Canada.
 - This device complies with the limits for a Class B digital device and a Class B intentional radiator, pursuant to Part 15 of the FCC Rules and with RSS-210 of Industry Canada. 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.
 - The Wireless Access System Component must be installed by qualified professionals or contractors in accordance with FCC part 15.203, Antenna Requirements.
 - Do not use any antenna other than the one provided with the unit.
- UL Compliance**
- The WA5600 & AUWA5600 Wireless Access Cylindrical Locks are listed under UL294 as an access control system accessory.
 - The WA5600 & AUWA5600 Wireless Access Cylindrical Locks are listed under UL10C.
 - Access equipment manufactured and/or sold by Ingersoll Rand Security Technologies is not rated for, or intended for use in life safety installations.
 - For UL installations that use a Door Position Switch, use a UL listed door/window contact. Door contacts for door position monitoring are not for intrusion protection.
 - No standby power provided.
 - The WA5600's & AUWA5600's maximum current at 12 VDC is 250 mA.
- Warnings**
- RF Exposure - To comply with FCC RF exposure requirements for mobile transmitting devices, this transmitter should only be used or installed at locations where there is normally at least a 20 cm separation between the antenna and all persons.
 - Do not co-locate and operate in conjunction with any other antenna or transmitter.
 - Use only the Battery Pack specified in this instruction manual.
 - Do not subject Battery Pack to fire or high temperatures.
 - Do not attempt to recharge, short out or disassemble Battery Pack.
 - Follow local regulations for alkaline battery disposal.
 - Immediately remove the batteries and discontinue use if: the product is impacted after which the interior is exposed, or the product emits a strange smell, heat, or smoke.
 - Changes or modifications not expressly approved by Ingersoll Rand Security Technologies could void the user's authority to operate the equipment.

After door & frame have been prepared, refer to illustration below & install strike components into door frame in following order :

- 1 - Insert **A**.
- 2 - Place **B** against **A**, secure with **C**.

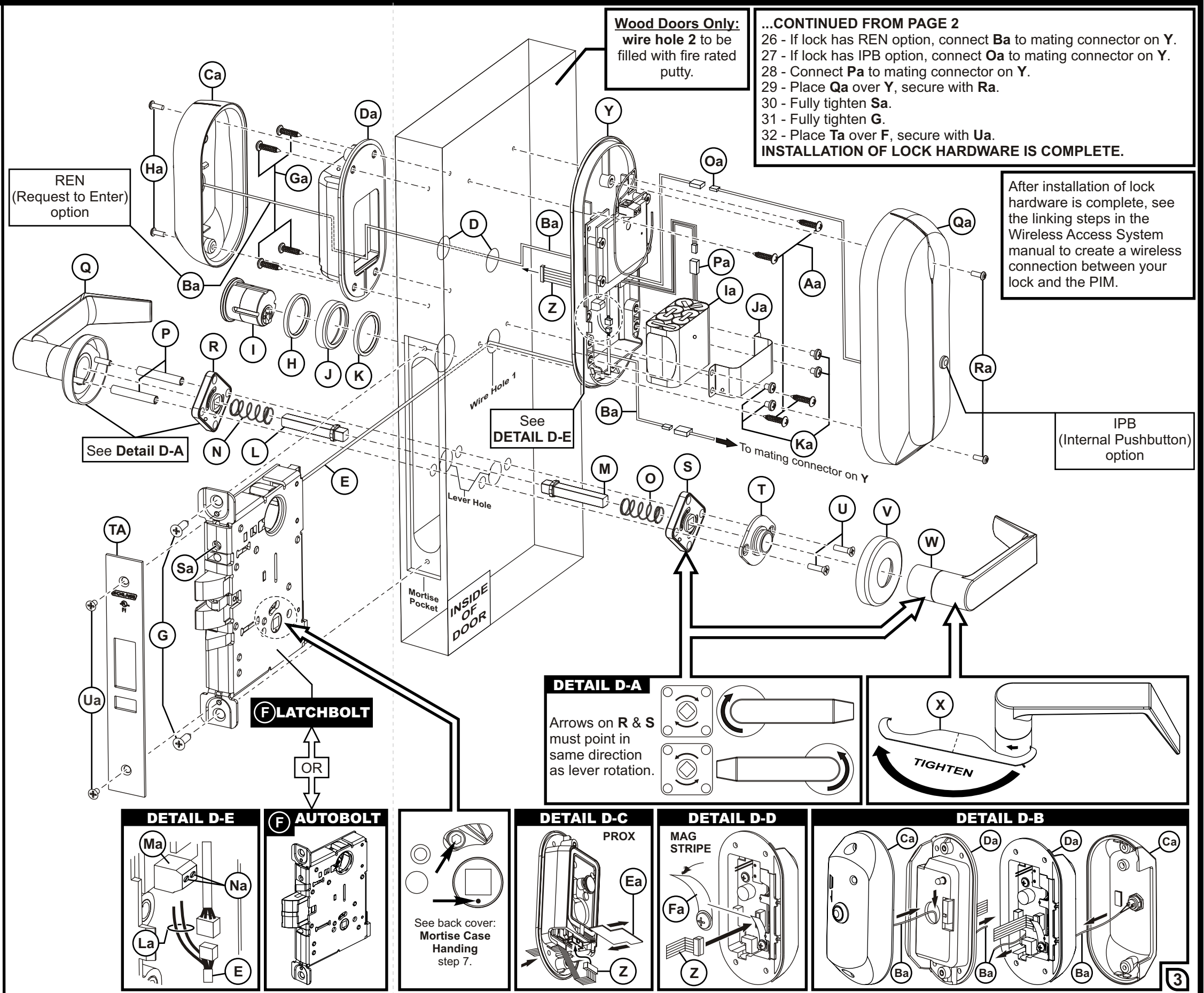


After strike components have been installed, refer to illustration on right & assemble lock components onto door in following order :

- 1 - For metal doors, file off all burrs on edges of thru hole **D**. File off all burrs on edge of **wire hole 1**.
- 2 - Feed **E** in thru **Lock Case Hole** & out thru **Wire Hole 1**.
- 3 - Insert **F** (Latchbolt or Autobolt) into mortise pocket. If necessary, see **Mortise Case Handing** on back cover.
- 4 - Loosely secure **F** with **G**. (DO NOT FULLY TIGHTEN **G**)
- 5 - Install Key Cylinder:
 - > Slide **H** over **I**.
 - > Slide **J** over **I**.
 - > If **I** is longer than 1-1/8" [29mm], slide **K** over **I** (refer to **BLOCKING RING TABLE** on page 1).
 - > Screw **I** into **F**.
- 6 - Verify that **I** is functional.
- 7 - Insert **L** & **M** into **F**. Slide **N** over **L**. Slide **O** over **M**.
- 8 - Screw **P** onto threaded rods on **Q**.
- 9 - With arrows on **R** pointing in direction that lever will turn, slide **R** over **P**. See **DETAIL D-A**.
- 10 - Place **Q** against door. **P** to protrude from inside of door.
- 11 - With arrows on **S** pointing in direction that lever will turn, slide **S** over **M**. Refer to **DETAIL D-A**.
- 12 - Slide **T** over **M**, secure with **U**.
- 13 - Place **V** over **T**.
- 14 - Spin bushing on **W** onto **T**. Fully tighten using tool **X**.
- 15 - Feed **E** thru opening near bottom of **Y**.
- 16 - Feed **Z** thru **wire hole 2**.
- 17 - Place **Y** against door, secure with **Aa**.
- 18 - If lock has REN option, do the following:
 - >Route **Ba** on **Ca** thru **Da**. Refer to **DETAIL D-B**.
 - >Feed **Ba** thru **wire hole 2** & square opening in **Y**.
- 20 - Connect **Z** to **DA**. Refer to **DETAIL D-C** or **DETAIL D-D**.
 - > If prox reader, remove **Ea**, plug in **Z**, reinstall **Ea**.
 - > If mag stripe reader, bend **Fa**, plug in **Z**, release **Fa**.
- 21 - For wood doors, fill **wire hole 2** with fire rated putty.

NOTE: Metal doors do not require **wire hole 2** to be filled.
- 22 - Place **Da** against door, secure with **Ga**.
- 23 - Place **Ca** over **Da**, secure with **Ha**.
- 24 - Place **la** into **Y**, secure with **Ja** & **Ka**.
- 25 - Refer to **DETAIL D-E** and do the following:
 - > Connect **E** to the mating connector on **Y**.
 - > Insert the 2 wires (**La**) into **Ma**. Secure by tightening **Na**.

CONTINUED ON PAGE 3...



Wood Doors Only:
wire hole 2 to be filled with fire rated putty.

...CONTINUED FROM PAGE 2
 26 - If lock has REN option, connect **Ba** to mating connector on **Y**.
 27 - If lock has IPB option, connect **Oa** to mating connector on **Y**.
 28 - Connect **Pa** to mating connector on **Y**.
 29 - Place **Qa** over **Y**, secure with **Ra**.
 30 - Fully tighten **Sa**.
 31 - Fully tighten **G**.
 32 - Place **Ta** over **F**, secure with **Ua**.
INSTALLATION OF LOCK HARDWARE IS COMPLETE.

After installation of lock hardware is complete, see the linking steps in the Wireless Access System manual to create a wireless connection between your lock and the PIM.

IPB
(Internal Pushbutton)
option

