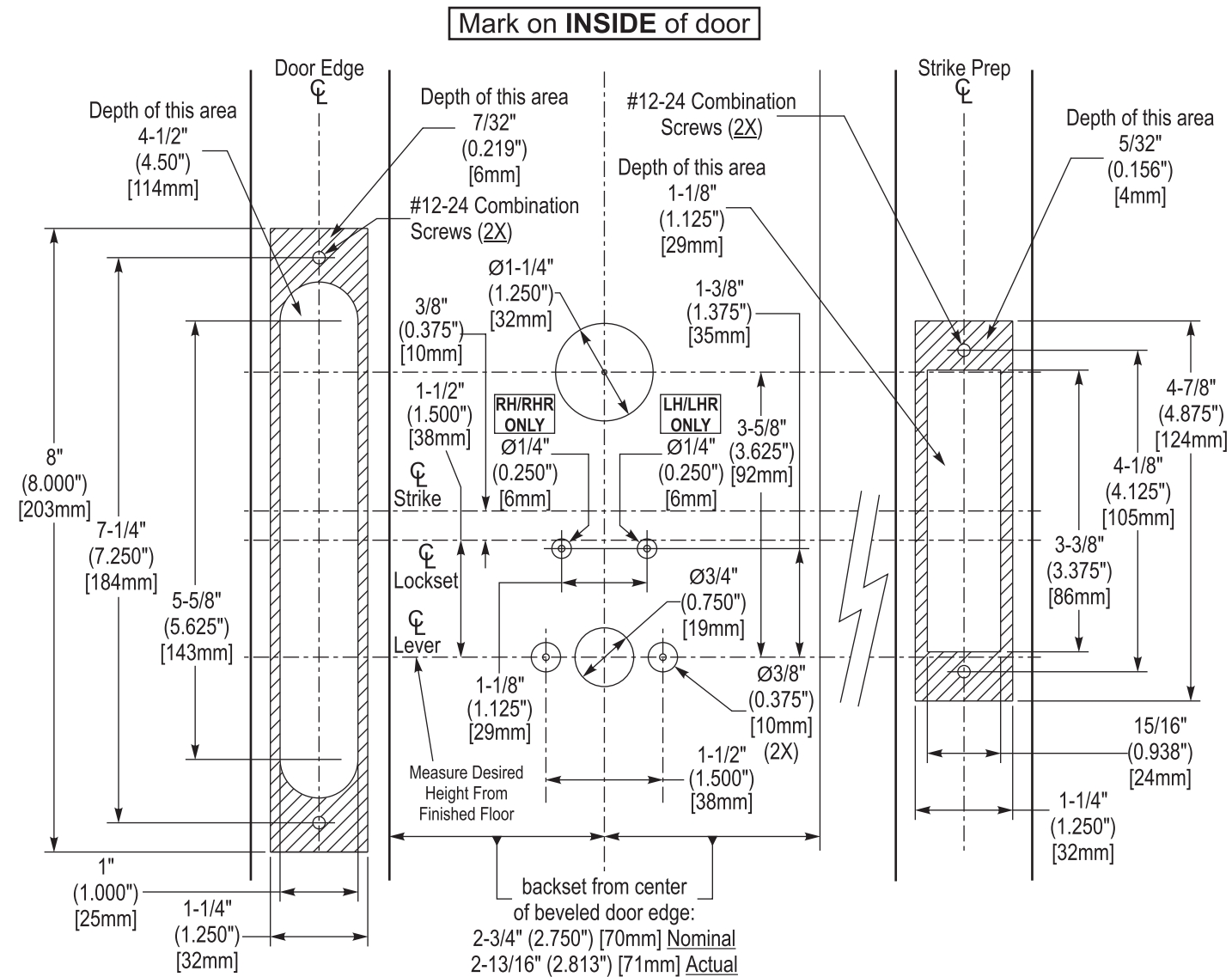
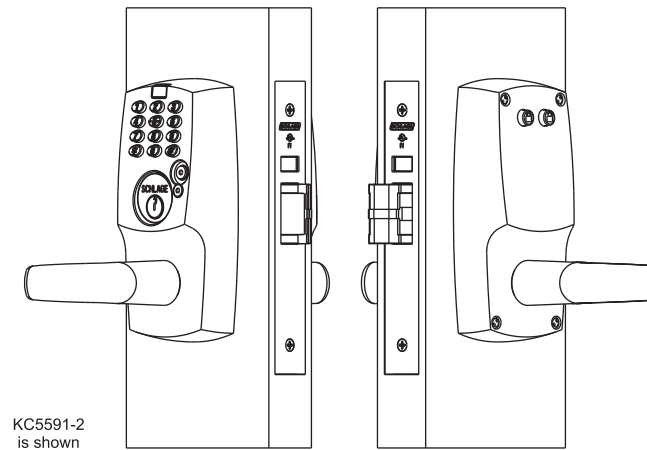


DOOR & FRAME PREP



SCHLAGE



KC5591-2 is shown

KC2 5000 MORTISE SERIES Manually & Computer Programmable Locks

Customer Service

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INSTALLATION INSTRUCTIONS

INTRODUCTION:

This manual covers the complete hardware installation of all models of the KC2 5000 Mortise Lock Series.

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 "Classic" (P/N B502-191) or Schlage "Everest" (P/N B502-948) or equivalent cam.

Do not overtighten fasteners.

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
- ☛ 3/4" [19mm] spade bit or hole saw
- ☛ 1" [25mm] spade bit or hole saw
- ☛ 1-1/4" [32mm] spade bit or hole saw
- ☛ Hex wrench set
- ☛ Square (90 degrees)
- ☛ Threadlocker (Loctite 242 recommended)
- ☛ Tape Measure
- ☛ Pencil
- ☛ Center Punch
- ☛ Hammer
- ☛ Chisel
- ☛ Masking tape
- ☛ Level

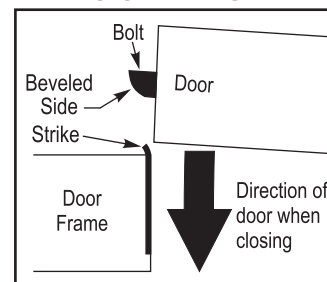
See Back Cover for:

- Door Prep
- Mortise Case Handing

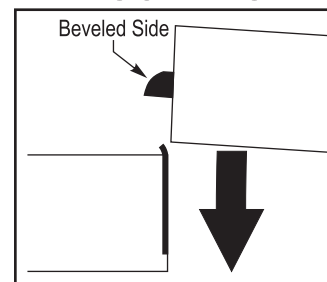
MORTISE CASE HANDING

Verify, and if necessary, reconfigure mortise case handing.

CORRECT

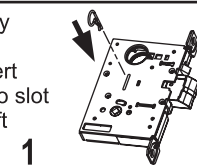


INCORRECT

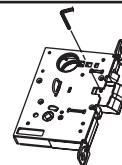


Perform steps 1 thru 6 if mortise case is handed incorrectly.

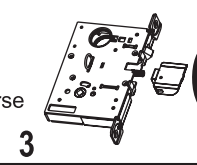
Extend bolt fully by pressing on deadlatch. Insert change key into slot to fix latch shaft in position.



Use 5/64" hex wrench to loosen latch bolt set screw.



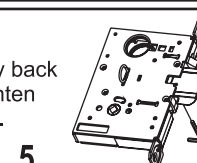
Keep spring in place as you pull latch off shaft and reverse position.



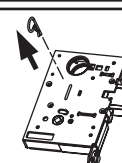
Apply thread lock compound to set screw. (Loctite 242 recommended)



Push bolt firmly back onto shaft. Tighten latch set screw.



Remove change key from slot.



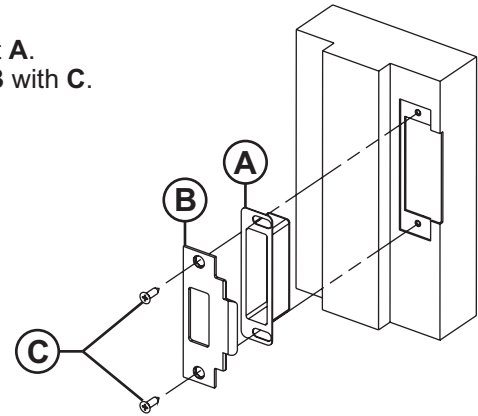
BLOCKING RING TABLE

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)

This device complies with part 15 of FCC rules. Operation is subject to following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including any interference that may cause undesired operation. Changes or modifications not expressly approved by party responsible for compliance could void user's authority to operate equipment.

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

- 1 - Insert **A**.
- 2 - Place **B** against **A**.
- 3 - Secure **A** and **B** with **C**.



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

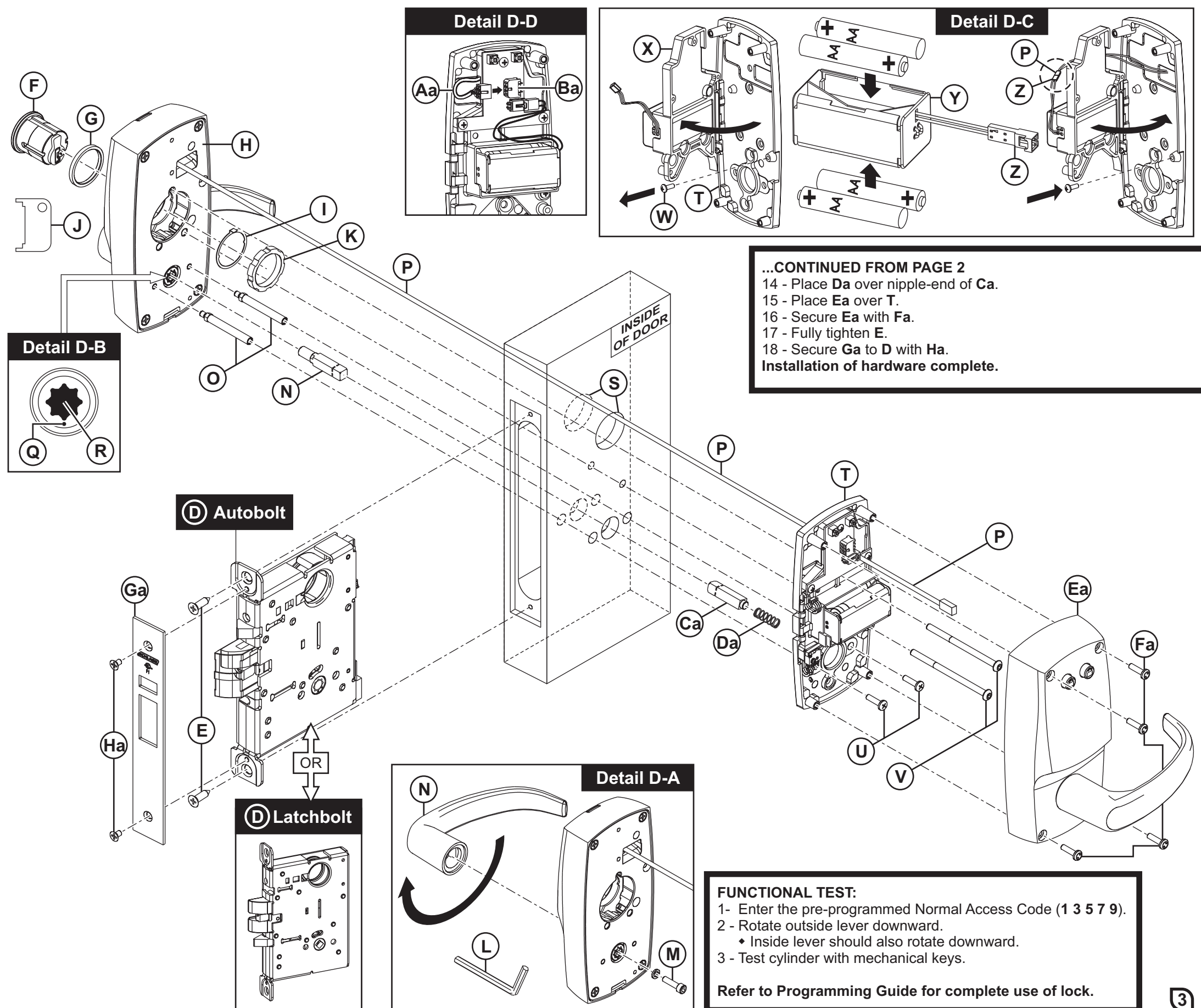
- 1 - Insert **D** (Autobolt or Latchbolt).
- 2 - Loosely secure **D** with **E**. (DO NOT FULLY TIGHTEN **E**)
- 3 - Install Key Cylinder (**F**):
 - If **F** is longer than 1-1/8" [29mm], slide **G** over **F** (refer to **BLOCKING RING TABLE** on page 1).
 - Insert **F** into **H**.
 - Slide **I** over **F**.
 - Using **J**, screw **K** onto **F** until tight.
 - Line up nearest notch on **K** with tab on **I**.
 - Bend tab on **I** into notch of **K**.

Refer to **Detail D-A** if handing must be changed:

- Using **L** (5/32" [4mm] hex wrench), remove **M**.
- Remove and rotate **N** by 180 degrees.
- Slide **N** back onto shaft.
- Apply threadlocker to **M**.
- Using **L**, reinstall **M**.
- Repeat for other escutcheon.

- 4 - Screw **O** into **H**.
- 5 - Refer to **Detail D-B** and verify that **Q** is at bottom.
- 6 - Insert round end of **N** into **R**.
- 7 - Feed **P** through hole in door (**S**).
- 8 - Place **H** against door.
- 9 - Feed **P** through **T**.
- 10 - Place **T** against door, secure with **U** and **V**.
- 11 - Refer to **Detail D-C** to install batteries:
 - Remove **W** from **T**.
 - Swing **X** away from **T**.
 - Remove **Y** from **X**.
 - Install 4, AA batteries into **Y** (observe polarity).
 - Reinstall **Y** into **X**.
 - Connect **Z** to **P**.
 - Swing **X** back to **T**, secure with **W**.
- 12 - Perform this step ONLY if your lock came with Office Function:
 - Refer to **Detail D-D** and connect **Aa** to **Ba**.
- 13 - Insert notched end of **Ca** into **D**.

CONTINUED ON PAGE 3...



...CONTINUED FROM PAGE 2
 14 - Place **Da** over nipple-end of **Ca**.
 15 - Place **Ea** over **T**.
 16 - Secure **Ea** with **Fa**.
 17 - Fully tighten **E**.
 18 - Secure **Ga** to **D** with **Ha**.
Installation of hardware complete.

FUNCTIONAL TEST:
 1- Enter the pre-programmed Normal Access Code (1 3 5 7 9).
 2 - Rotate outside lever downward.
 ♦ Inside lever should also rotate downward.
 3 - Test cylinder with mechanical keys.

Refer to Programming Guide for complete use of lock.