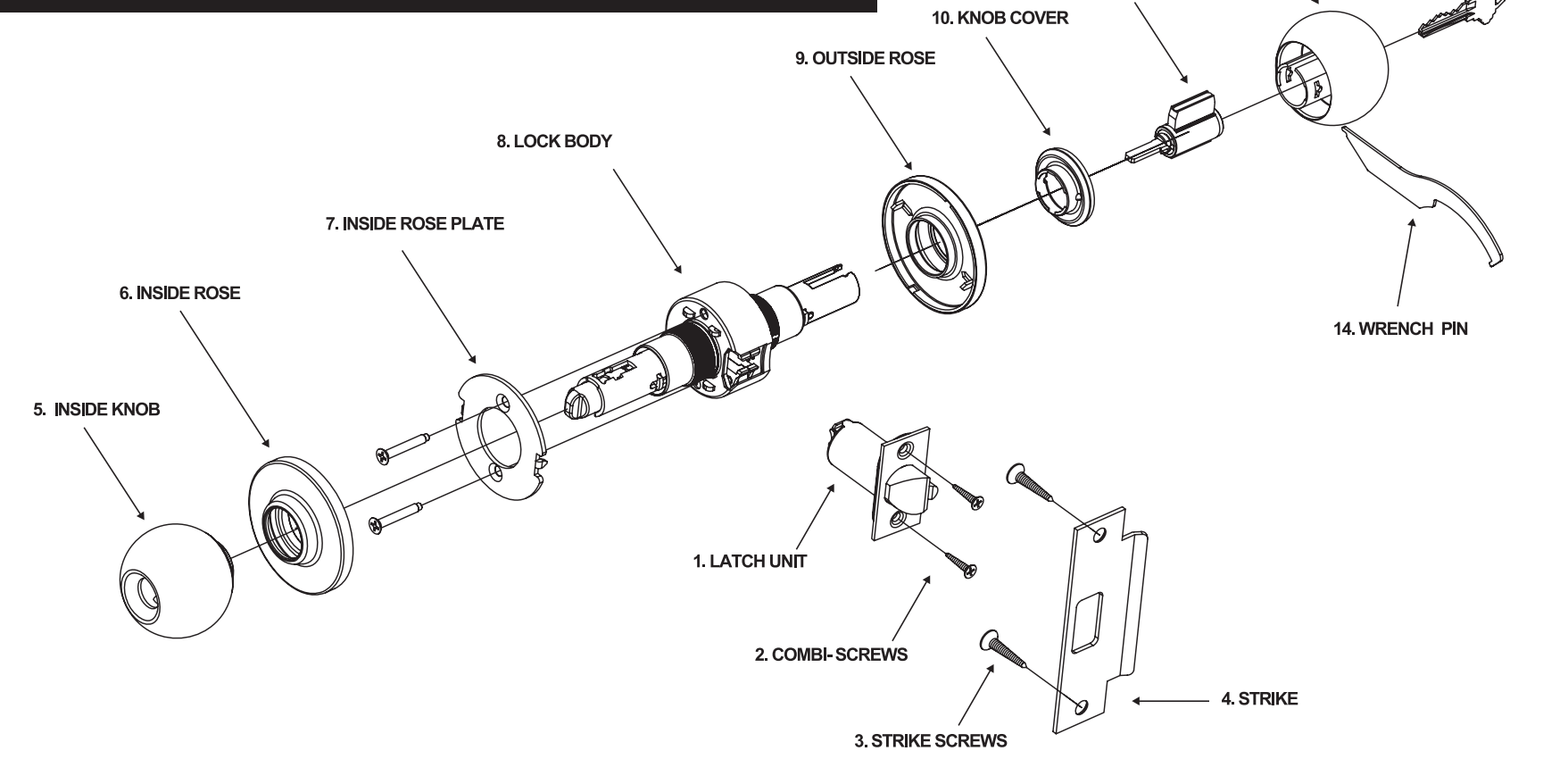


INSTRUCTIONS FOR INSTALLING Heavy Duty Knob Lockset



1

CROSS BORE HOLE (2 1/8")
HOLE (1")
HIGH EDGE OF BEVEL DOOR

Figure 1.

A. DOOR PREPARATION

- Place paper template (supplied) on door and mark for holes.
- Drill the 2 1/8" dia cross-bore hole, and then the 1" dia hole.

2

1" HOLE
1. LATCH UNIT
2 1/4"
1 1/8"
BEVELED FACE PLATE

Figure 2.

- Insert latch unit into hole. Trace around face plate.
- Mortise a 5/32" deep cutout around latch unit.
- Do not secure latch unit until lock body is engaged with latch unit.

3

8. LOCK BODY
7. INSIDE ROSE PLATE
5. INSIDE KNOB
6. INSIDE ROSE
14. WRENCH PIN

Figure 3.

B. DISASSEMBLY OF LOCK UNIT

- To remove inside knob, insert wrench pin into hole on knob and depress the knob catch. Pull the knob out. Remove inside rose and plate by rotating counter-clockwise.

4

OUTSIDE ROSE
Rotate rose to adjust door thickness
Adjust to 3/16" for 1-3/8" door thickness
Adjust to 1/2" for 2" door thickness

Figure 4.

C. ADJUSTMENT FOR DOOR THICKNESS

- Adjust lock to fit door thickness by rotating outside rose as shown Figure 4.
- It can be adjusted for door thickness range from 1-3/8" up to 2"

KNOB LOCKSET IS PRESET FOR 3/4" DOOR AT FACTORY

5

LOCK BODY
1. LATCH UNIT
PRONGS
LOCK BODY RETRACTOR
LATCH UNIT TAILPIECE

Figure 5.

D. INSTALLATION OF LOCKSET UNIT

- Slide lock body into cross-bore hole from outside position. (See Figure 5 & Figure 6.)
- The lock body must engage the latch unit prongs as shown in Figure 6. The lock body retractor must engage the latch unit tailpiece.

※ NOTE : Be sure door is open when installing lockset unit if a guarded latch unit is used.

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

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6

WRENCH
SPINDLE
INSIDE ROSE

Figure 7.

E. ATTACH ROSE

- Secure Inside rose plate with two screws.
- Slide inside rose onto spindle and fix it by rotating clockwise.
- Tighten firmly by using wrench.

7

KNOB CATCH
INSIDE KNOB
SPINDLE

Figure 8.

F. INSTALL KNOB

- Slide inside knob onto spindle.
- Make certain knob catch is engaged in knob.

8

STRIKE
SCREW

Figure 9.

G. INSTALL STRIKE

When strike box is not used, recess in door jamb must be deep enough to allow latchbolt to extend to its full free length.

9

DEPRESS KNOB CATCH
INSIDE KNOB
OUTSIDE KNOB

Figure 10.

H. REPLACE KNOB

- Line up slot in knob with knob catch in spindle.
- Depress knob catch and push knob into position.
- When properly installed, both knobs should operate freely.

※ Note : Knob button sets should be in the unlocked position when replacing the inside knob.

10

OUTSIDE KNOB
CYLINDER
KEY

Figure 12.

J. CYLINDER REMOVAL

- Remove outside knob.
- Remove key and cylinder from knob

※ CAUTION FOR CLASSROOM FUNCTION.

SPINDLE KNOB CATCH
CAM HOLE CAM

Figure 13.

Make sure to turn the cam counter-clockwise by driver as far as it will go before reassembling of cylinder to prevent mis-positioning of cam for classroom function.

I. TO CHANGE LOCK HAND

- When a cylinder function lock is correctly installed, the key should enter as shown below - right way.
- If necessary change the hand of a lock properly.

RIGHT WAY
WRONG WAY

Figure 11.