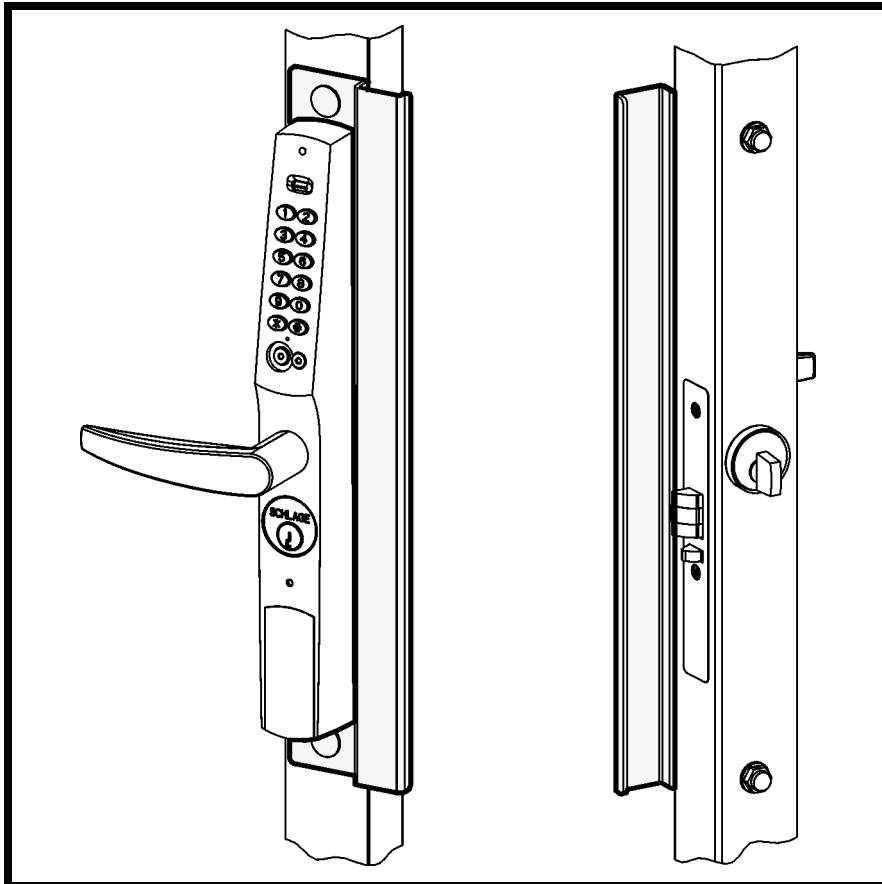




KING COBRA/KING COBRA-2 NARROW STILE SERIES

INSTALLATION MANUAL

KC9000-LG



KC9000 Latch Guard

KC9000/KC9000-2 LATCH GUARD INSTALLATION

Introduction / Tools and Materials Needed / Contact Info

Introduction

The KC9000 Latch Guard, when installed in addition to the KC9000 Narrow Stile Trim, adds an added level of security to outswinging doors. The KC9000 Latch Guard covers the opening at the critical area between door and frame. Silver coated for environmental protection.

Tools and Materials Needed Not Included in Box:

1. Flat head screwdriver w/straight, 1/8" wide blade
2. 1/16" Allen wrench
3. Pencil
4. Center punch
5. Hammer
6. Power drill
7. 1/8" drill bit
8. 7/16" drill bit
9. 11/32" drill bit
10. Drill and Tap for 10-32 threads
11. Socket wrench set

Contact Information:

Schlage Lock Company
575 Birch Street
Forestville, CT 06010
technical support: 866-322-1237
fax: 866-322-1233
web: <http://www.irsupport.net>

KC9000/KC9000-2 LATCH GUARD INSTALLATION

Installing the KC9000-LG

1) Prepare Door:

New Construction-Start Here

- Remove all existing trim from outside of door.
- Remove backing from sticky template provided.
- Refer to Figure 1. Apply sticky template to area on stile where trim was removed.
- Center 1-1/4" circle on template with existing cylinder hole (a).
- Use vertical lines on template to insure that template is applied square to stile.

NOTE: *The lines on the edges of template are for vertical guidance only. Do not line them up with edges of door stile. Template can be lifted and repositioned as often as required to get the position correct.*

- Centerpunch the three small holes on template marked, TAP 10-32 (b).
- Remove the sticky template.
- Drill and tap (10-32) the three holes (b).

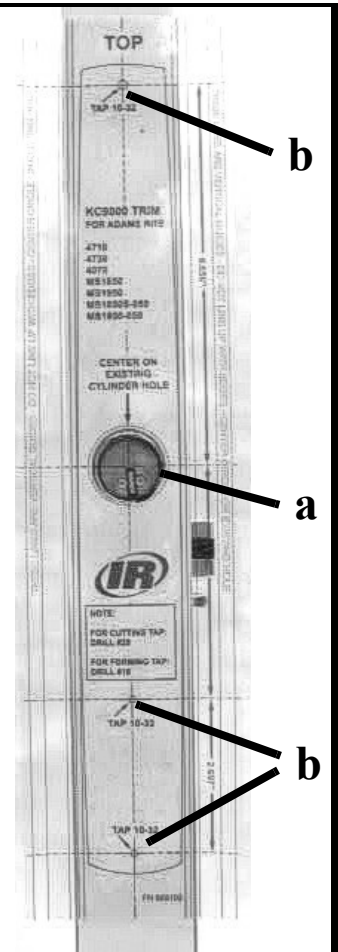


Figure 1



Figure 2

Retrofit Installation - Start Here

- Refer to Figure 2. Place Latch Guard on door stile and align with the 3 tapped holes (a).
- Refer to Figures 3 and 4. Outline the two, 3/8" square holes at the top and bottom of the Latch Guard.



Figure 3

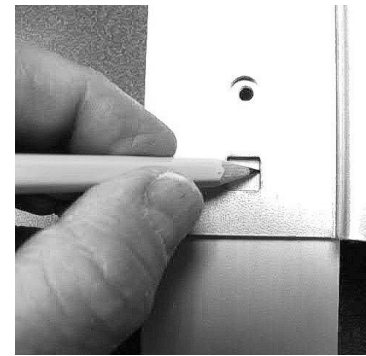
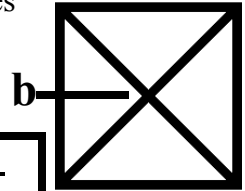
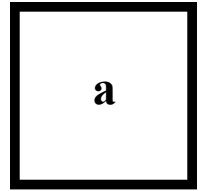


Figure 4

KC9000/KC9000-2 LATCH GUARD INSTALLATION

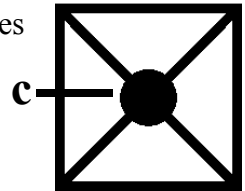
Installing the KC9000-LG

- Set the Latch Guard aside.
 - > You should have two, 3/8" squares marked on door stile, 15" apart (a).
- Draw diagonal lines connecting opposite corners within each square (b).
- Centerpunch at the point where the lines intersect within each square (c).
 - > This marks the center of each square.
- Using a 1/8" drill bit, create a pilot hole at the center of both squares.
 - > Drill completely through door stile.
- Using a 11/32" drill bit, create a 11/32" hole at both of the 1/8" pilot holes that you just drilled.
 - > Drill completely through door stile.
 - > Drilling can be done from either side of the door.



WARNING: USE CAUTION ON NEXT STEP ! DO NOT DRILL THROUGH DOOR !

- Install a 7/16" drill bit into hand drill.
- From trim-side of door stile, create a 7/16" hole at both of the 11/32" holes that you just drilled. **DO NOT DRILL COMPLETELY THROUGH DOOR!** ONLY DRILL THROUGH TRIM-SIDE OF DOOR STILE.



2) Mount the Latch Guard:

- Refer to Figure 5. Mount Latch Guard on trim-side of door stile.
 - > Align both square holes in Latch Guard with the two, 7/16" holes that you drilled in door stile.
- From trim-side of door, insert both Carriage Bolts (a) into the two square holes in Latch Guard.
 - > It may be necessary to turn the Carriage Bolts a little so that the square portion of the bolts fully insert into square holes in Latch Guard.
 - > Domed head of both bolts should be flush with surface of Latch Guard.



Figure 5

KC9000/KC9000-2 LATCH GUARD INSTALLATION

Installing the KC9000-LG

3) Secure the Latch Guard:

- Refer to Figure 6. From the inside of door, install the remaining provided hardware onto the Carriage Bolts:
 - > Slide a flat washer onto each Carriage Bolt.
 - > Spin a Blind Nut (**a**) onto each Carriage Bolt.
 - > Using a socket wrench, tighten both Blind Nuts.



Figure 6

KC9000/KC9000-2 LATCH GUARD INSTALLATION

Installing the KC9000-LG

4) Installing the Trim (KC9111 and KC9321 ONLY):

The following pertains only to KC9111 and KC9321. If you are installing anything other than a KC9111 or KC9321, skip to Step 5.

- Refer to Figure 7. Insert the adapter into the 1-1/4" round hole in the door stile, then place the spacer over the top of the adapter.



Figure 7

- Refer to Figure 8. Mount the KC9111 or KC9321 narrow stile trim on top of the Latch Guard.
- Using a ball-end Allen wrench, secure with the three, pre installed Allen head screws.
- Proceed to Step 6: **Finish Installing the Trim (All Models): on page 8**



Figure 8

KC9000/KC9000-2 LATCH GUARD INSTALLATION

Installing the KC9000-LG

5) Installing the Trim (All models except KC9111 and KC9321):

The following pertains to all models except KC9111 and KC9321.

- Refer to Figure 9. Install the adapter on the trim:
 - > Place the spacer on the back of the trim.
 - > Insert the adapter over the top of the spacer.



Figure 9

- Refer to Figure 10. Mount trim on top of Latch Guard.
 - > Using a ball-end Allen wrench, secure with the three, pre installed Allen head screws.
- Proceed to Step 6: **Finish Installing the Trim (All Models): on page 8**

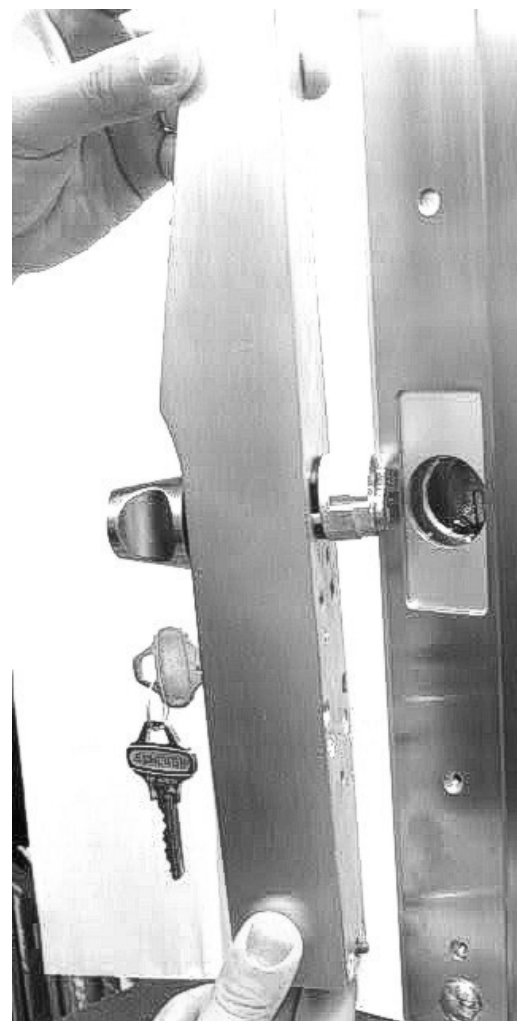


Figure 10

KC9000/KC9000-2 LATCH GUARD INSTALLATION

Installing the KC9000-LG

6) Finish Installing the Trim (All Models):

- Install the batteries and the battery cover.
 - > Instructions for installing the batteries and the battery cover are included in most KC9000 Narrow Stile Installation Manuals, e.g., Form #57040.

7) Test the Installation:

- Close the door and test the lock to verify that it is functioning properly.
 - > **For models with a lever:** Lever should be able to be pushed down, but not up.
 - > **For models with a turnpiece:** Turnpiece should rotate clockwise for Right Hand/Right Hand Reverse and counterclockwise for Left Hand/Left Hand Reverse.
 - > **For models with a T-Handle:** T-Handle should rotate freely.
 - > **For models with a knob:** Knob should rotate freely.
- Insert key into cylinder and rotate it counterclockwise.
 - > Lever, turnpiece, T-Handle or knob should retract latch.

NOTE: The key should only rotate counterclockwise, not clockwise.

- Rotate key back to original position and remove it.
 - > Lever, turnpiece, T-Handle or knob should no longer retract latch.
- Using the keypad, enter the default access code: **1 3 5 7 9**.
 - > The red LED should light each time the first four numbers are pressed and when the 9 is pressed, the green LED should flash for five seconds during which time the lever, turnpiece, T-Handle or knob should retract the latch.
- Test inside egress device (paddle/exit device, etc.) to make sure it is properly operating.

SEE THE PROGRAMMING GUIDE FOR PROGRAMMING INFORMATION.