1000R Series
EXIT DEVICE

INSTALLATION INSTRUCTIONS
When installing Rim Exit device and Vertical Rod Exit devices on a pair of doors, a Double Door Strike (DDS) is required. (Available by special order). For complete template information, please refer to the DDS template.

(c) DRILL HOLES

1. USE ENCLOSED TEMPLATE TO MARK INSIDE DOOR FACE AND DRILL HOLES IN ACCORDANCE WITH THE DIAMETERS SUGGESTED.

2. "B" LENGTH SHOULD BE MEASURED FROM THE CENTER OF THE CYLINDER HOLE TO THE END OF THE EXIT DEVICE BODY.

When installing Rim Exit device and Vertical Rod Exit devices on a pair of doors, a Double Door Strike (DDS) is required. (Available by special order). For complete template information, please refer to the DDS template.
**D INSTALL CYLINDER**

If required or skip to step E

![Diagram of cylinder installation](image)

OUTSIDE FACE OF THE DOOR

CYLINDER

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LINER

INSTALLATION SCREW

1. REMOVE THE HEAD COVER FROM THE DEVICE BODY AND END COVER FROM THE MOUNTING BRACKET BY REMOVING THE SCREWS THAT HOLD THEM ON.

2. ALIGN TAILPIECE RECEIVER OF EXIT DEVICE AND TRIM/CYLINDER TAILPIECE SO IT SLIDES ONTO TRIM/CYLINDER TAILPIECE, ALSO ALIGN SCREW HOLES ON EXIT DEVICE HEAD WITH MOUNTING HOLES ON THE DOOR.

3. INSTALL AND TIGHTEN THE MOUNTING SCREWS FOR THE HEAD OF THE EXIT DEVICE AND END COVER MOUNTING BRACKET.

![Diagram of cylinder installation](image)

TAILPIECE PROJECTION

1. INSERT THE CYLINDER INTO THE HOLE ON THE DOOR

2. KEEP THE TAILPIECE HORIZONTAL

3. TIGHTEN THE SCREWS

**E INSTALL BODY**

1. REMOVE THE HEAD COVER FROM THE DEVICE BODY AND END COVER FROM THE MOUNTING BRACKET BY REMOVING THE SCREWS THAT HOLD THEM ON.

2. ALIGN TAILPIECE RECEIVER OF EXIT DEVICE AND TRIM/CYLINDER TAILPIECE SO IT SLIDES ONTO TRIM/CYLINDER TAILPIECE, ALSO ALIGN SCREW HOLES ON EXIT DEVICE HEAD WITH MOUNTING HOLES ON THE DOOR.

3. INSTALL AND TIGHTEN THE MOUNTING SCREWS FOR THE HEAD OF THE EXIT DEVICE AND END COVER MOUNTING BRACKET.

![Diagram of body installation](image)

INSIDE FACE OF THE DOOR

**F PUT ON BOTH HEAD AND END COVER**

1. INSTALL THE HEAD COVER AND END COVER

2. INSTALL AND TIGHTEN THE MOUNTING SCREWS ON THE HEAD COVER AND END COVER.

![Diagram of cover installation](image)

**G INSTALL ROLLER STRIKE**

1. WITH THE DOOR IN THE CLOSED POSITION MARK THE CENTERLINE OF LATCHBOLT ON DOOR JAMB.

2. PLACE ROLLER STRIKE ON DOOR JAMB. ALIGN CENTER OF ROLLER STRIKE WITH THE LATCHBOLT CENTERLINE MARK ON THE JAMB. THEN ALIGN THE OUTSIDE EDGE OF THE ROLLER STRIKE WITH THE OUTSIDE EDGE OF THE DOOR JAMB.

3. MARK THE CENTER OF THE 2 ADJUSTABLE SLOTTED HOLES AND DRILL 7/32” PILOT HOLES. TAP PILOT HOLES WITH 1/4”-20 THREADS AND INSTALL MACHINE SCREWS, OR, DRILL 3/16” PILOT HOLES FOR INSTALLING SELF TAPPING MACHINE SCREWS OR WOOD SCREWS IN PILOT HOLES. CLOSE DOOR TO CHECK IF LATCHBOLT EXTENDS PROPERLY, ADJUST ROLLER STRIKE IF NECESSARY.

4. WITH ROLLER STRIKE IN FINAL POSITION, DRILL A 7/32” PILOT HOLE FOR THE CENTER MOUNTING HOLE. TAP PILOT HOLE WITH 1/4”-20 THREADS AND INSTALL MACHINE SCREW, OR DRILL 3/16” PILOT HOLES FOR INSTALLING SELF TAPPING MACHINE SCREW OR WOOD SCREW IN PILOT HOLE.

![Diagram of roller strike installation](image)

**NOTE**: INSTALL STRIKE SHIM UNLESS THE EXIT DEVICE HEAD COVER RUBS THE ROLLER STRIKE. THEN REMOVE THE STRIKE SHIM TO GAIN ADDITIONAL CLEARANCE.

1 JAMB

2. ADJUSTABLE SLOT

3. DRILL 7/32” HOLE, TAP 1/4”-20 THREAD

4. 1/4”-20P FLAT HEAD SCREW
**OPERATION TEST**

AFTER INSTALLATION IS COMPLETE PRESS DOWN THE ACTUATING BAR TO MAKE SURE THE DOOR OPENS AND CLOSES/LATCHES CORRECTLY. MAKE ANY ADJUSTMENTS AS NEEDED.

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**NOTICE:**

TO EXTEND THE LIFE OF THIS PANIC DEVICE, LOCK THE LATCH IN THE RETRACTED POSITION WHEN DOOR IS IN CONTINUOUS USE.

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**TO LOCK**

HOLD ACTUATING BAR DOWN. TURN DOGGING DEVICE COUNTER CLOCKWISE WITH DOGGING WRENCH.

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**TO UNLOCK**

HOLD ACTUATING BAR DOWN. TURN DOGGING DEVICE CLOCKWISE WITH DOGGING WRENCH.
For 1000R (UL Listed)-Drill & tap for (6) 1/4"x20 machine screws for Exit Device and Drill & tap for (3) 1/4"x20 machine screws for Roller Strike

OPTIONAL for 1000R (UL Listed)

Drill (6) 3/16" Pilot Holes for Self Tapping machine screws or wood screws for Exit Device and Drill (6) 3/16" Pilot Holes for Self Tapping machine screws or wood screws for Roller Strike

For F1000R (Fire Rated)-Drill 9/32" holes inside and 3/8" holes outside for the (6) thru bolts and drill 8 lap for (6) 1/4"x20 machine screws for Roller Strike

NOTE:
Backset of 2 7/16" from jamb to center or 2 3/4" from door edge to center is acceptable.
Strike shim can be used to correct projection to compensate for doors with different backsets.

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Hole must be drilled according to trim template.

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For complete template information, please refer to the DDS template.