**PATENTED LATCH AND STRIKE**

The device will only lock when the strike enters into the latch and depresses the silver colored Latch Guard. Depressing the Push Bar will not move or rotate latch.

**STEP 1: PREP DOOR**

Tools needed:
- #2 Phillips Screwdriver
- 1-1/4", 5/8" Drill Bits (Trim)
- Center Punch
- Tape
- Pencil
- Drill
- Hack Saw (Field Cutting)

1. Devices installed with LTD or Q8L Series Trim, use trim template.
2. Fold template at perforation and place at the mounting edge of doors and door face.
3. Tape mounting template to door at suggested height of 40-5/16" from finish door level.
4. Drill door and frame mounting holes per drill chart on template.

**FIT DEVICE TO DOOR**

Door widths other than 36" or 48", use the simple formula: Distance between stops less 1-7/16" = Housing length.

**STEP 2: MOUNT DEVICE AND STRIKE**

2. Remove Device from box and slide Push Bar/Chassis assembly beyond Notched housing exposing mounting holes. If field cutting is required, see Step 1.
3. Remove Nose Piece from Pack "A" and position on chassis as shown. Using 2 ea. #10-24 screws and 2 ea. Sex Bolts, mount to door.
4. Remove Notched Push Bar End Cap from Pack "A" and Install on latch end of device.
5. If provided, install Sign for Alarm and Install Solid Push Bar End Cap from Pack "B".
6. Level Device on the door. Check to be sure Housing is tight against Nose Piece and mark rear mounting hole locations using Mounting Bracket as a guide. Drill holes.
7. Install Housing End Bracket with 2 ea. 12-24 MS and Sex Bolts.
8. 1300F Fire-Rated Device requires additional screws. See install and install screws as shown in drawing.
9. Slide extension cover into housing and install Housing Rear End Cap with 10-32 screw from Pack "B".

**STEP 3: SECURE STRIKE**

1. Using "A" Mounting Holes, mount Strike with 12-24 MS as shown in above drawing. Do not tighten screws.
2. Adjust Strike to allow a 1/32" to 1/16" gap between door face and the edge of stop. Tighten screws.
3. Test device operation. Strike may need further adjustment due to door conditions, and/or warping/stripping.
4. Drill and tap "E" Center Mounting Hole.
5. Install 12-24 MS in center of Strike.

**TROUBLESHOOTING TIPS**

**Q. Device does not lock.**

A. *The strike may not be adjusted properly.* See Step 3.

**Q. The Housing Excursion must be 1-3/16" from edge of stop. A shim may be required.**

**MEASURE HERE**

1-3/16" = No Shim
1-1/4" = 1 Shim
1-5/16" = 2 Shims

**Q. Depressing the Push Bar will not unlock device.**

A. Notched Push Bar End Cap must be installed on the Push Bar and closest to latch.

**Q. Outside control will not unlock device.**

A. Nose Piece Key Cam must be parallel to ledge. See drawing.

**WARRANTY IS VOID IF CENTER SCREW IS NOT INSTALLED.**

**SS1 & SS2 SIGNAL SWITCH WIRING INFO**

Install the SS1/SS2 by sitting into grooves of housing extension unit. It comes in contact with the 1300 chassis. Secure by tightening set screw in post with wrench supplied.

**LMS WIRING INFO**

Green - NC
Red - NO
Black - COMMON
Blue - NC
White - NO
Brown - COMMON

**LMS is NORMAL when device is locked.**