9) CHECK DOGGING OPERATION (PANIC APPLICATION ONLY)
   A) DEPRESS CROSSBAR, INSERT AND TURN DOGGING KEY IN BOTH THE ACTIVE AND INACTIVE HEADS.
   B) REMOVE DOGGING KEY, CROSSBAR SHOULD REMAIN DEPRESSED.
   C) REINSERT DOGGING KEY AND TURN IN OPPOSITE DIRECTION. CROSSBAR WILL “POP OUT”.
   D) FOR CYLINDER DOGGING, REFER TO D-4085.
10) CHECK FOR SMOOTH OPERATION AND SECURE LATCH BOLT ENGAGEMENT.
2 DOOR LAYOUT

(Note: For Factory Prepared Doors, Verify Layout.)
(Note: For Wood Doors, Consult Factory.)

1) Door must be fitted and hung properly before proceeding.
2) Mark vertical C and device ref. C on door and frame. (See Figures & Chart Below)

A) Vertical C: Single Door Application

<table>
<thead>
<tr>
<th>Installation</th>
<th>&quot;A&quot;</th>
<th>Min. Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Door Mortise</td>
<td>1/8&quot;</td>
<td>2-3/4&quot;</td>
</tr>
<tr>
<td>Double Door: Mortise x Vertical Devices</td>
<td>4-1/8&quot;</td>
<td></td>
</tr>
<tr>
<td>Double Door: Mortise x Concealed Devices</td>
<td>2-3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Note: Vertical C taken from center of door thickness

B) Vertical C: Double Door Application with Mullion

C) Device Ref. C (Horizontal)

For Factory Prepared Doors: Use Mortise Lock C to Find Device Ref. C

5) Locate, mark, and drill inactive head mounting holes
   a) Level Crossbar on Door
   b) Mark center of four mounting holes
   c) Drill 9/64" dia. holes if using sheet metal screws or drill and tap #10-24 if using machine screws or drill 1/4" dia. hole inside and 3/8" dia. hole outside for sexbolts.

LHR SHOWN

#10x1-1/4" PPHSMS or #10-24x3/4" PPHS (Surface Mounted or Sexbolts) (4 Qty)

6) Tighten all device and mortise lock mounting screws.
7) Install strike.
8) Attach chassis cover
   a) Remove axles from both active and inactive chassis.
   b) Remove crossbar and crossbar arms from both chassis.
   c) Slide crossbar arms into rectangular cut-out in top of chassis cover
   d) Slide chassis cover over chassis and attach with 4 (per head) #32x1/4" UFPHMS.
   e) Slide chassis cover over chassis and attach with 4 (per head) #32x1/4" UFPHMS.

LHR Active Head Shown

Note: 1/2" dia. hole in each chassis cover should face away from door stops when assembled to chassis (holes will face towards each other)
3) CHOOSE CORRECT DRILLING TEMPLATE FROM THE CENTER OF THIS BOOK.

FOR SEXBOLT INSTALLATIONS, DRILL 3/8" DIAMETER HOLES ON TRIM SIDE OF DOOR ONLY. (SEE DIAGRAM BELOW)

4) REMOVE CROSSBAR RETAINER SCREW AND ROUNDED WASHER FROM XX CROSSBAR ARMS. SLIDE CROSSBAR OVER BOTH ACTIVE AND INACTIVE CROSSBAR ARMS AND ATTACH WITH CROSSBAR RETAINER SCREW AND ROUNDED WASHER.

"X" = "Y" - 4-1/4"
5) IF CROSSBAR IS LONGER THAN "X", CUT THE CROSSBAR TO THE CORRECT LENGTH.
   A) MARK CROSSBAR TO LENGTH "X".

   (SEE PAGE 3, STEP 4)

B) CUT CROSSBAR TO MARKED DIMENSION AND REMOVE BURRS.

C) DRILL A 5/16" DIA. HOLE 5/8" FROM THE JUST CUT END OF THE CROSSBAR.

NOTE: HOLE SHOULD BE IN-LINE WITH HOLE AT OPPOSITE END OF CROSSBAR.

6) VERIFY MORTISING FOR MORTISE LOCK AND STRIKE

NOTE: FACTORY RECOMMENDS SAWING RATHER THAN GRIND CUT TO SIZE. GRINDING CAN DAMAGE THE FINISH OF THE DEVICE AND SAWING RESULTS IN LESS DAMAGE TO THE DEVICE'S FINISH.

1279 STRIKE SHOWN
NOTE: FOR OTHER STRIKES SEE SEPARATE TEMPLATES

NOTE:
THIS PRODUCT IS FACTORY HANDED. IF YOU HAVE RECEIVED THE WRONG HANDING, A REPLACEMENT MUST BE ORDERED.