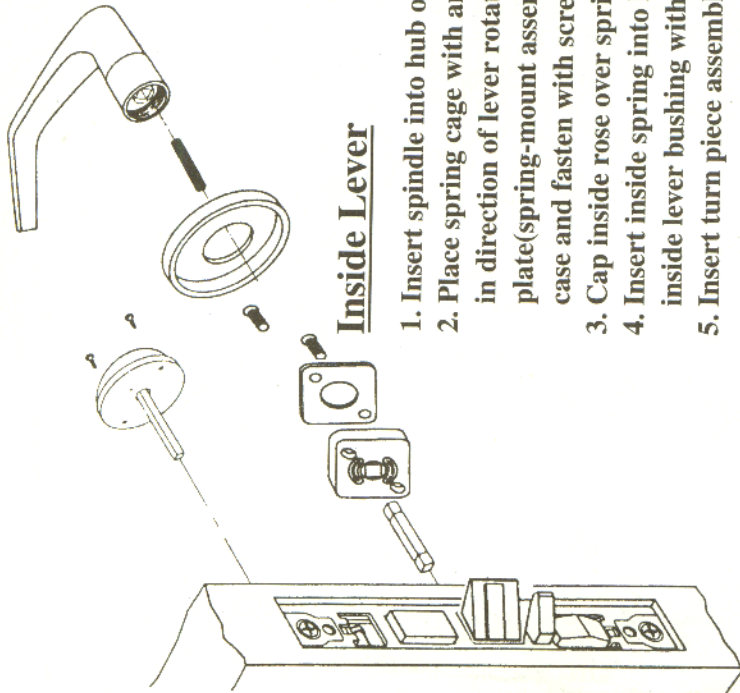




M Series



HEAVY DUTY MORTISE LOCK

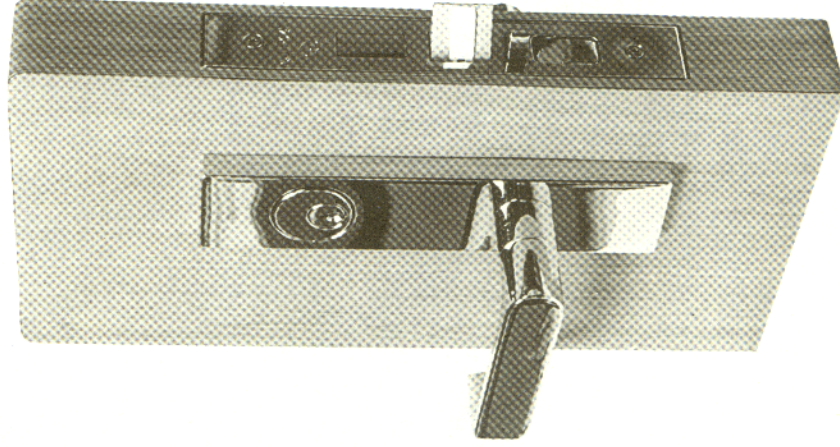
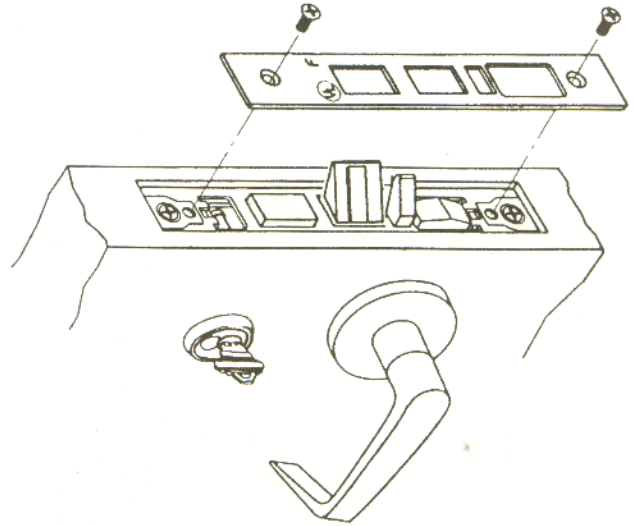


Inside Lever

1. Insert spindle into hub of lock case.
2. Place spring cage with arrows pointing in direction of lever rotation and mounting plate(spring-mount assembly) onto lock case and fasten with screws.
3. Cap inside rose over spring-mount assembly.
4. Insert inside spring into lever hole and tighten inside lever bushing with spanner wrench.
5. Insert turn piece assembly and fasten with screws.

Front Plate

1. Install outside front plate onto lockcase front and then fasten with screws.

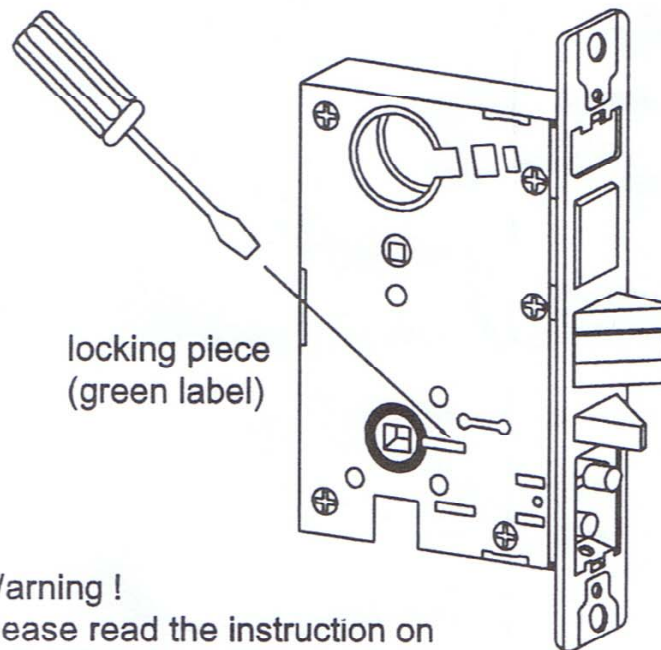
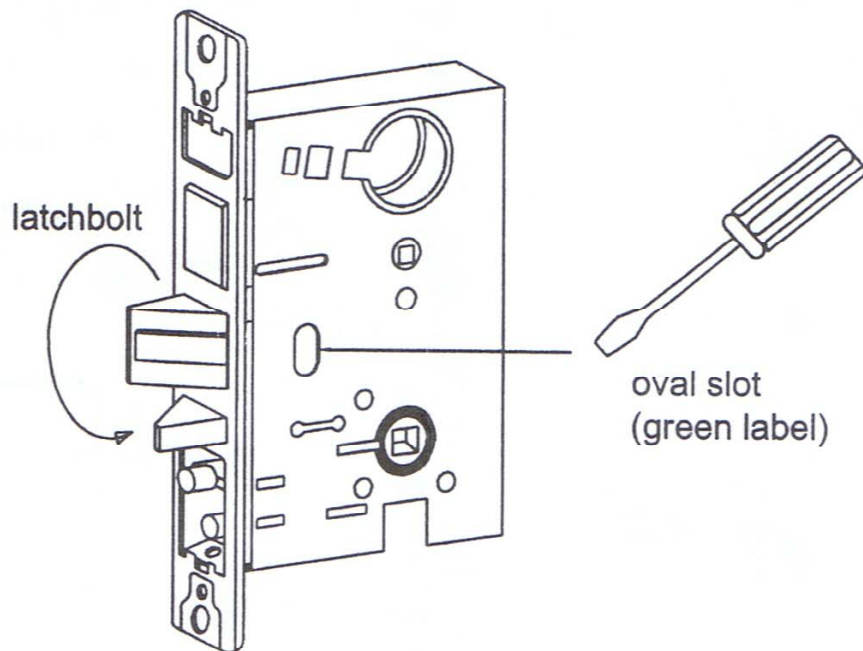


INSTALLATION GUIDE

HOW TO CHANGE HANDING

If it is necessary to change handing,the instruction is as flows.

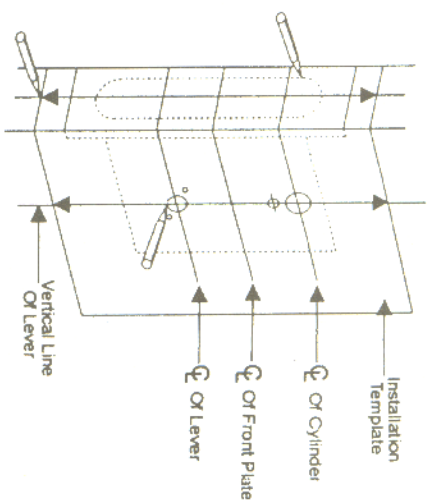
1. Insert blade screwdriver into the oval slot behind latchbolt(green label).
2. Pull latchbolt out until it is entirely away from lock case.
3. Rotate latchbolt to adjust handing.
4. Use blade screwdriver to flip locking piece (green label) forward twice to Front side.
5. Handing is completely reversed.



Warning !
Please read the instruction on the installation guide about the correct position of spring cage.

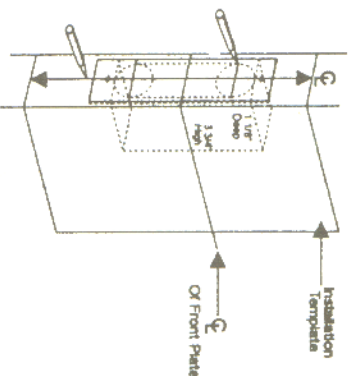
Door Preparation

1. Align door preparation template on edge of door with applicable lines. Check door preparation chart and mark only holes for lock function being installed.
2. Mortise door edge according to measurements of installation template and drill proper holes for trims.

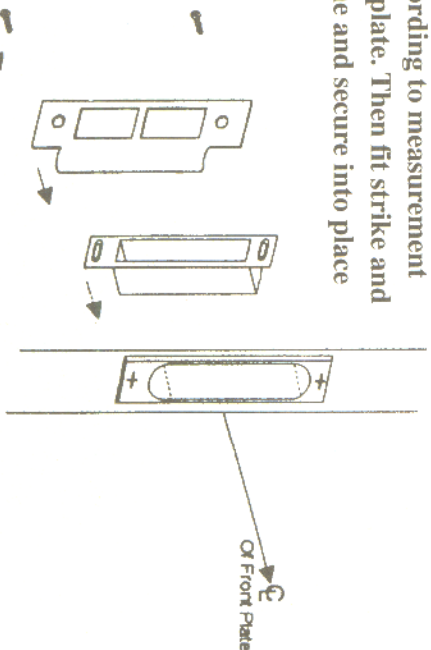


Strike Preparation

1. Align strike template on jamb according to measurements of strike installation template. Bore 1" diameter holes into door edge, 1 1/8" deep. Recess 5/32" for fit of strike and box.

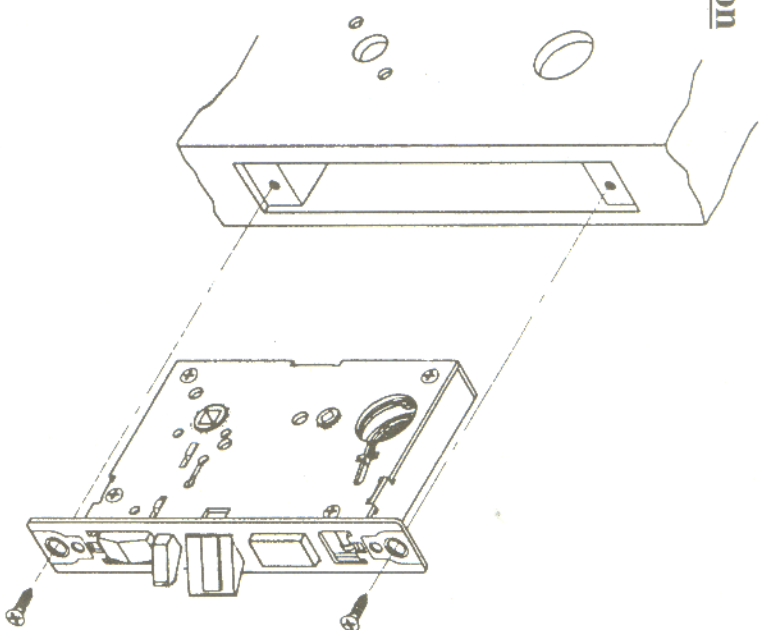


2. Mortise jamb according to measurement of installation template. Then fit strike and dust box into frame and secure into place with screws.



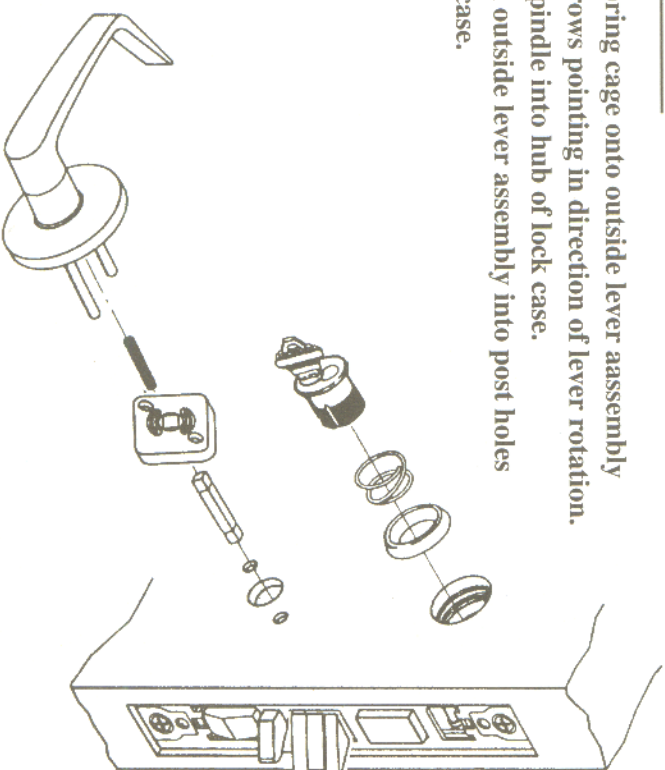
Lockcase Installation

1. Insert lockcase into mortise cut-out & fasten screws to door.



Outside Lever

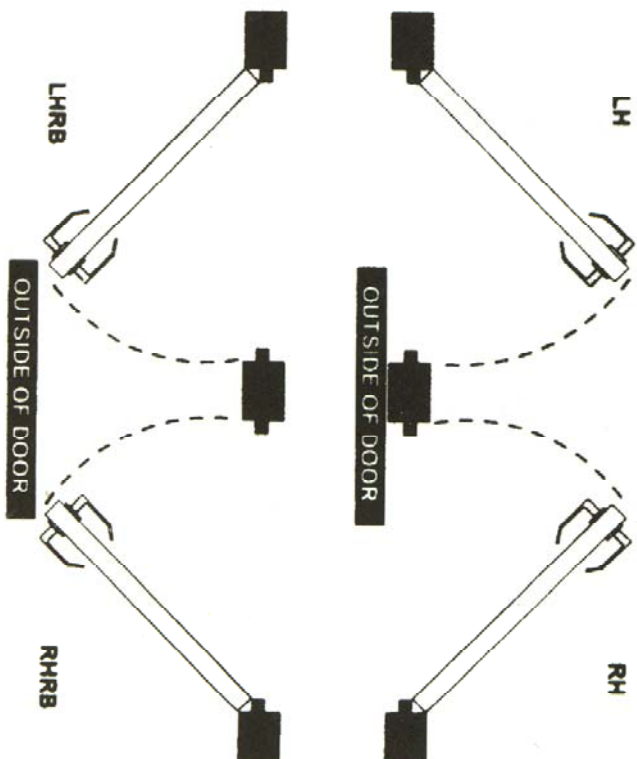
1. Place spring cage onto outside lever assembly with arrows pointing in direction of lever rotation. Insert spindle into hub of lock case.
2. Position outside lever assembly into post holes of lock case.



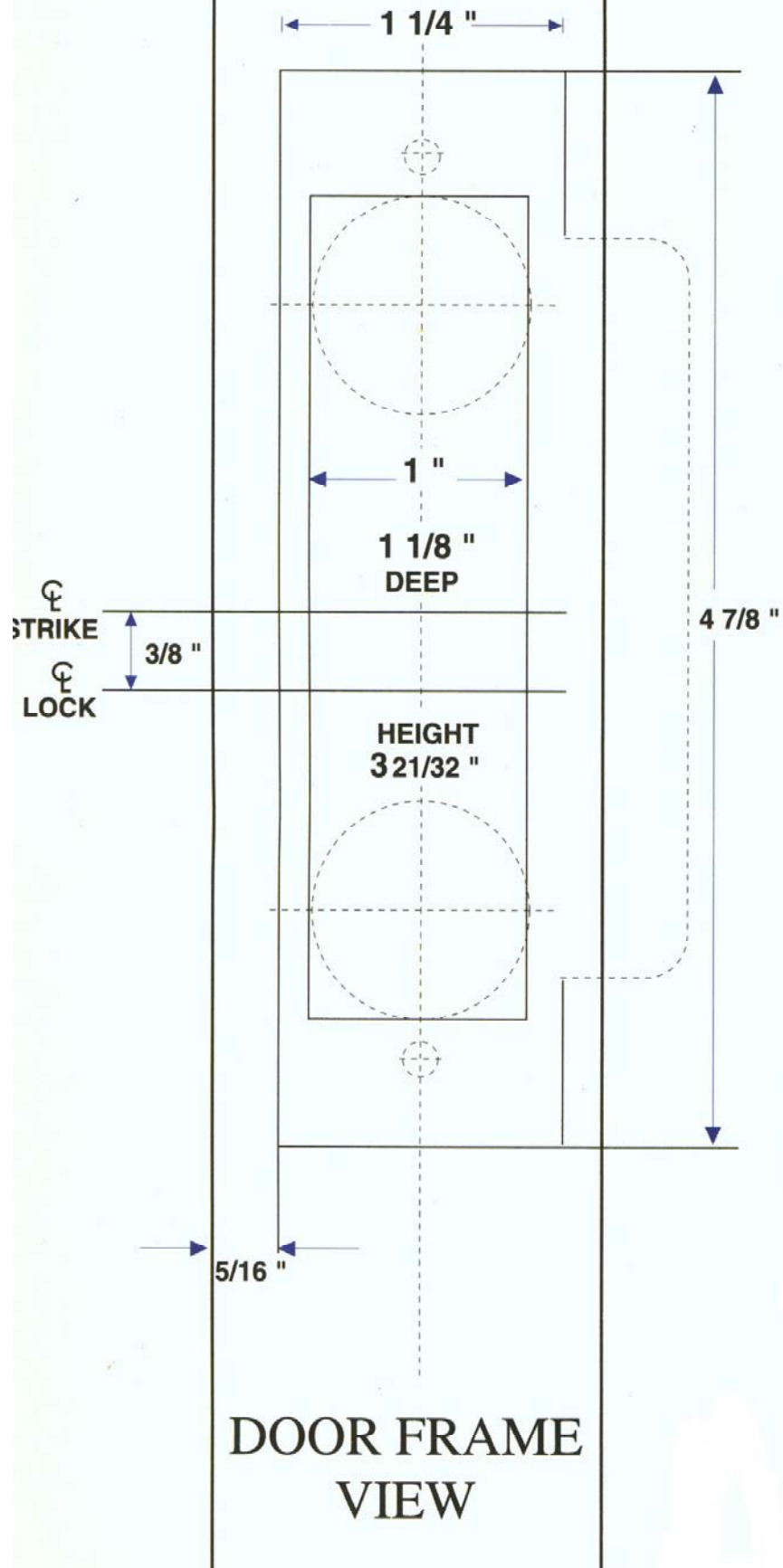
DOOR PREPARATION CHART

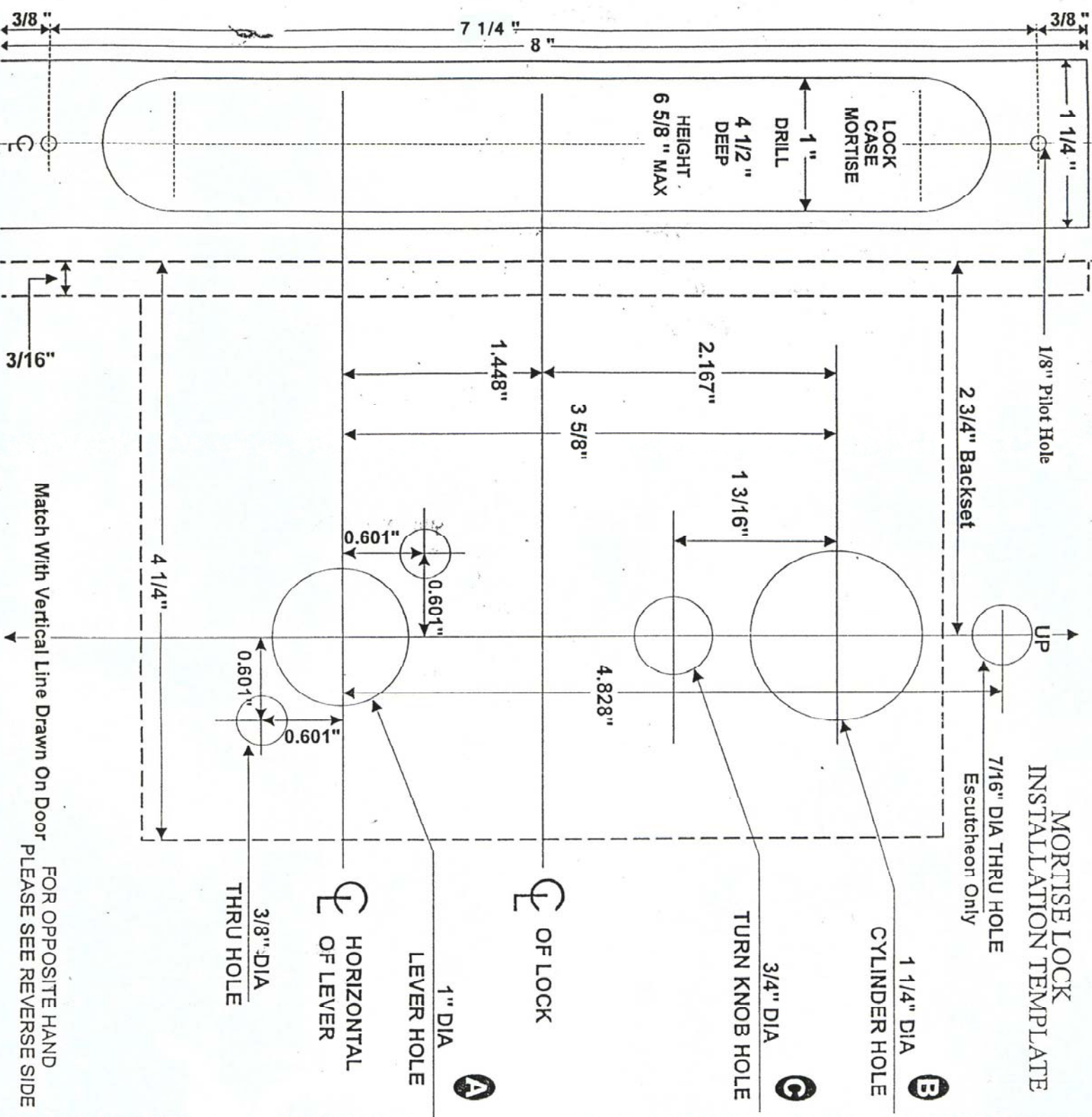
Series	OUTSIDE			INSIDE		
	LEVER HOLE A	CYLINDER HOLE B	TURN KNOB HOLE C	LEVER HOLE A	CYLINDER HOLE B	TURN KNOB HOLE C
LOCK FUNCTION						
M8010	•			•		
M8050	•	•		•		
M8453	•	•		•		•
M8070	•	•		•		
M8456	•	•		•		•
M8080	•	•		•		
M8485	•	•		•		•
M8466	•	•		•	•	
M8040	•		•	•		•
M8473	•	•		•		•
M8060	•	•		•	•	
M8170	•			•		

HAND OF DOOR



**STRIKE
TEMPLATE**





CAL-ROYAL
PRODUCTS, INC.

HEAVY DUTY
MORTISE LOCKSET
M SERIES

MORTISE LOCK INSTALLATION TEMPLATE

