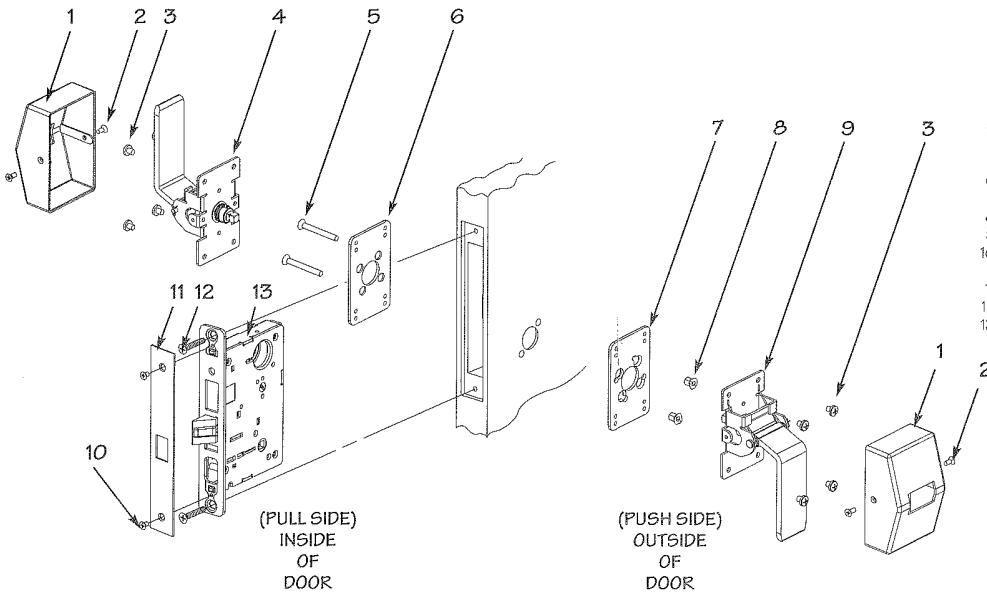


# INSTRUCTIONS FOR INSTALLING SARGENT 7800 LOCK WITH PUSH/PULL TRIM —PT

## PARTS LIST DESCRIPTION

1. Cover
2. Torx Screws (4)  
(8-32 x 3/8")
3. Truss Head Machine  
Screws (8) (12-24 x 1/4")
4. Push side Handle
5. Flat Head Machine  
Screws (2) (12-24 x 1-7/8")
6. Push side adapter plate
7. Pull side adapter plate
8. Locknuts (2)
9. Pull side handle
10. Flat head screws (2)  
(8-32 x 1/4")
11. Front Plate
12. Screws (2) (12 x 1-1/4")
13. Lockbody Unit

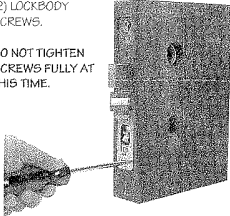


15 FUNCTION SHOWN—HOLE LOCATIONS FOR FUNCTIONS—SEE TEMPLATE

## 1 INSTALL LOCKBODY

INSERT LOCKBODY WITH DEADBOLT PROJECTED INTO MORTISE CUTOUT. HOLD LOOSELY IN PLACE WITH (2) LOCKBODY SCREWS.

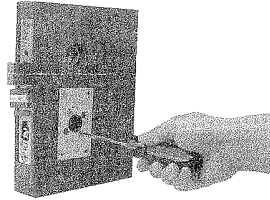
DO NOT TIGHTEN SCREWS FULLY AT THIS TIME.



## 2 INSTALL MOUNTING PLATES

DETERMINE IF TRIM IS TO BE MOUNTED HORIZONTAL OR VERTICAL. INSERT LOCKNUTS (2) THRU PULL SIDE ADAPTER PLATE TO MATCH HOLES ON DOOR FACE. THEN PLACE PUSH SIDE ADAPTER PLATE ON OUTSIDE OF DOOR AND ATTACH WITH (2) FLAT HEAD SCREWS.

DO NOT OVER TIGHTEN.



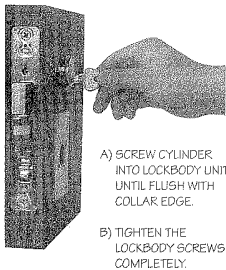
## 3 INSTALL CYLINDER

IF CYLINDER IS NOT INCLUDED IN THIS FUNCTION, PROCEED TO STEP 5E.

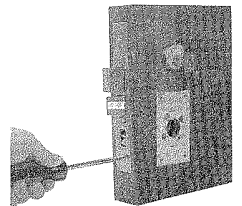
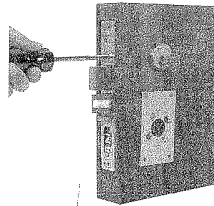
C) CHECK THAT BOTH LOCKBODY IS CENTERED IN DOOR AND CYLINDER FACE IS FLUSH WITH COLLAR EDGE BEFORE SECURING CYLINDER. SECURE CYLINDER BY FIRST PUTTING KEYWAY IN THE VERTICAL POSITION AND THEN TIGHTENING RETAINING SCREW UNTIL IT ENGAGES CYLINDER.

D) TURN THE KEY IN THE CYLINDER TO MAKE CERTAIN THAT THE LOCK FUNCTIONS CORRECTLY.

E) INSURE LOCKBODY SCREWS ARE SECURELY FASTENED. ATTACH THE OUTSIDE FRONT PLATE TO THE LOCKBODY WITH (2) FLAT HEAD SCREWS.

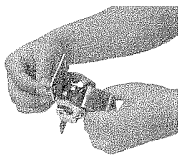


B) TIGHTEN THE LOCKBODY SCREWS COMPLETELY.



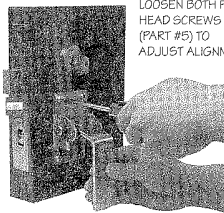
## 4 ASSEMBLE TRIM

A) TEST BOTH LEVERS TO DETERMINE WHICH IS PUSH OR PULL TYPE.

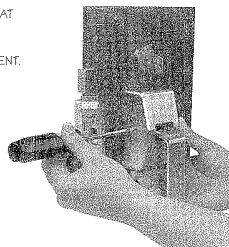


B) SELECT THE PULL TRIM FIRST. WITH PADDLE TRIM IN HAND, ROTATE THE SPINDLE UNTIL CAM POST STOPS ON THE SIDE INDICATED BY ARROW STAMPED ON BASE.

C) PLACE PULL SIDE HANDLE ON PULL SIDE OF THE DOOR SO THAT SPINDLE ENGAGES WITH THE LOCK AND FASTEN WITH (4) TRUSS HEAD SCREWS. TEST PULL SIDE HANDLE FOR LATCH RETRACTION. IF LATCH DOES NOT EXTEND, LOOSEN BOTH FLAT HEAD SCREWS (PART #5) TO ADJUST ALIGNMENT.

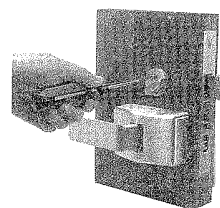


D) MOUNT THE PUSH SIDE HANDLE USING THE SAME METHOD.  
E) TEST LOCK FOR PROPER OPERATION.



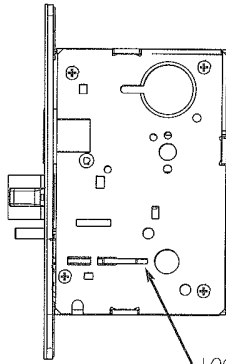
F) PLACE COVER OVER PUSH/PULL TRIMS AND SECURE WITH (2) TORX® SECURITY SCREWS ON EACH SIDE.  
G) THUMBTURN MAY OR MAY NOT BE INCLUDED DEPENDING ON FUNCTION OF THE LOCK.

H) IF THUMBTURN IS PROVIDED, PLACE MOUNTING PLATE ON FACE OF DOOR SO THAT THE HOLES LINE UP AND SECURE WITH (2) SCREWS.

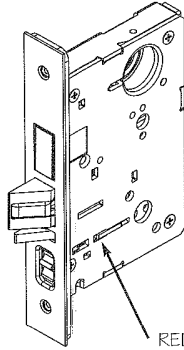


I) PLACE THUMBTURN ONTO MOUNTING PLATE SO TAIL PIECE ENTERS SLOT IN LOCKBODY. THUMBTURN SHOULD BE IN VERTICAL POSITION WHEN DEADBOLT IS RETRACTED. INSURE LOCKBODY SECURE WITH (1) SMALL SCREW.

# HOW TO REVERSE LOCK



LOCKING GUIDE SLOT

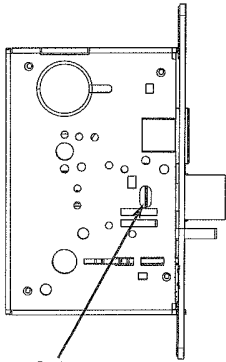


RED COLOR LOCKING PIECE

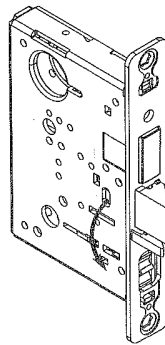
## IF IT IS NECESSARY TO CHANGE HAND OF LOCKING PIECE

1. TURN LOCKBODY TO SIDE NOT MARKED WITH RED LOCKING PIECE.
2. INSERT BLADE SCREWDRIVER INTO LOCKING PIECE SLOT.
3. PUSH LOCKING PIECE TOWARD FRONT OF LOCKBODY AND ROTATE UNTIL RED SHOWS.
4. RED INDICATES LOCKED (OUTSIDE) SIDE.

RIGHT HAND SHOWN



OVAL SLOT



LATCHBOLT

## IF IT IS NECESSARY TO CHANGE HAND OF LATCHBOLT

1. INSERT BLADE SCREWDRIVER INTO OVAL SLOT BEHIND LATCHBOLT
2. PUSH LATCHBOLT OUT UNTIL BACK OF BOLT CLEARS LOCKBODY FRONT.
3. ROTATE LATCHBOLT 180° UNTIL THE LATCHBOLT DROPS BACK INTO THE LOCKBODY.

# 7800 PUSH/PULL TEMPLATE

OUTSIDE FRONT ATTACHING SCREW

FLAT TO 1/8" IN 2" FRONT BEVEL

SEE STRIKE TEMPLATE FOR DETAILS

DETAIL OF SUGGESTED DOOR-CUT

THIS TEMPLATE COVERS THE 7800 SERIES LOCKSETS IN ACCORDANCE WITH THE SPECIFICATIONS INDICATED BELOW:

LOCK LINES & VARIATIONS	VARIABLE DIMENSIONS				
	A	B	C	D	E
7800	1-1/4"	7/8"	4-1/8"	6"	1"
74-PREFIX SETS	1-1/4"	1-1/8"	4-1/4"	6-5/16"	27/32"

FUNCTION	REQUIRED HOLES							
	1	2	3	4	5	6	7	8
04	●	●	●	●	●	●	●	●
15	●	●	●	●	●	●	●	●
16	●	●	●	●	●	●	●	●
17	●	●	●	●	●	●	●	●
24	●	●	●	●	●	●	●	●
37	●	●	●	●	●	●	●	●
43	●	●	●	●	●	●	●	●
45	●	●	●	●	●	●	●	●
50	●	●	●	●	●	●	●	●
65	●	●	●	●	●	●	●	●

③ — DIMENSIONS SHOWN ARE MAXIMUM PART DIMENSIONS.

② — SUITABLE REINFORCEMENTS REQUIRED FOR METAL DOORS.

① ● — DENOTES HOLES REQUIRED FOR FUNCTION LISTED. (CHECK BEFORE CUTTING HOLES).

SARGENT & COMPANY

TEMPLATE: MORTISE LOCK FOR 7800 SERIES PUSH/PULL TRIM (LOCKBODIES ONLY)

NEW HAVEN, CONN. 06511

RELEASE DATE: 22 OCT 99

TEMPLATE NO. 4512 A