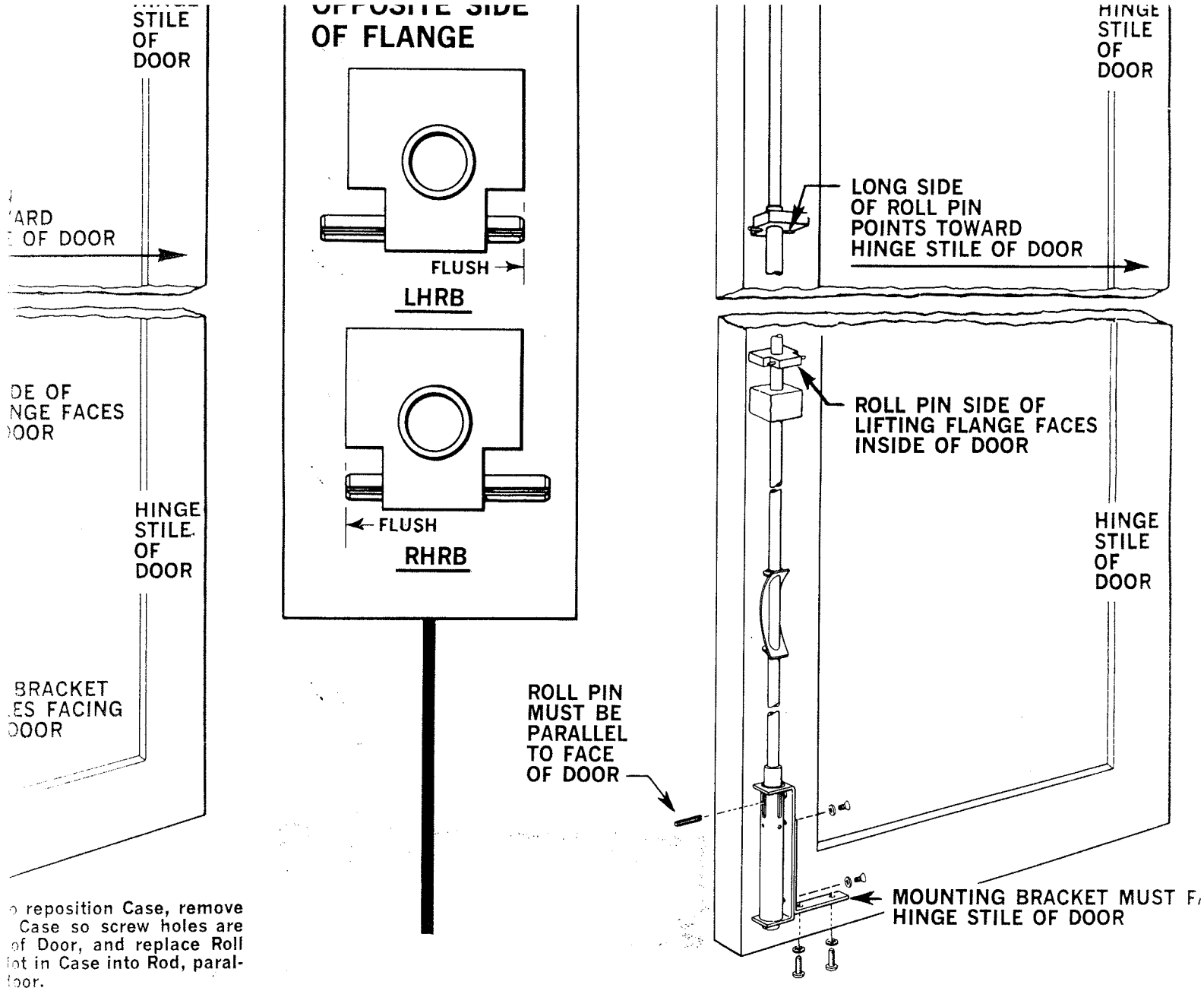
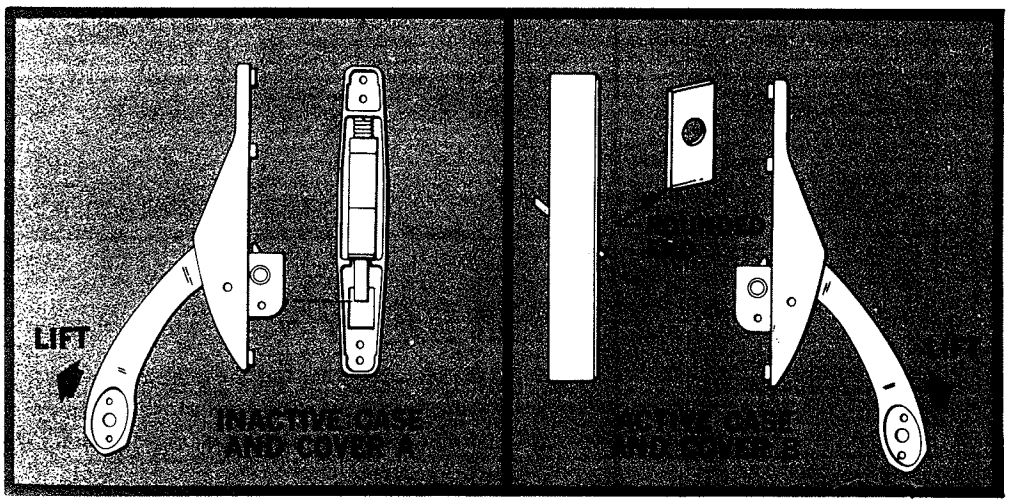


o reposition Case, remove
Case so screw holes are
of Door, and replace Roll
ot in Case into Rod, paral-
oor.

SHEET



PROCEED
WITH FIRST
STEP ON
FRONT OF
SHEET

ND SECURE TOP BOTTOM BOLT

ee drawings on reverse side of sheet parts.

acket) MOUNTING, attach mounting atch and Bottom Bolt **NOW.**

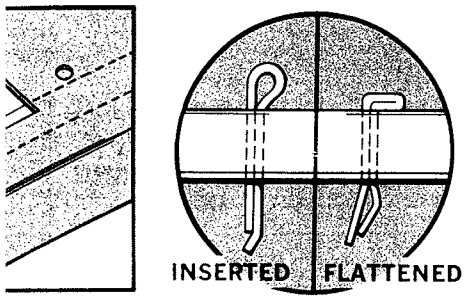
o bottom of stile. Secure with screws sheet.

holding Case and pushing up on Rod. into top of stile and into Bottom Tube. wn on back of this sheet.

ND BOTTOM TUBE

; Flange for Active Case so that Bottom T PRESS BOTTOM BOLT FROM BOT- op Latch is retracted. Drill 1/8" diameter ing pre-drilled hole in Bottom Tube as tter Pin through hole and secure with PIN HEAD COMPLETELY. HANG DOOR.

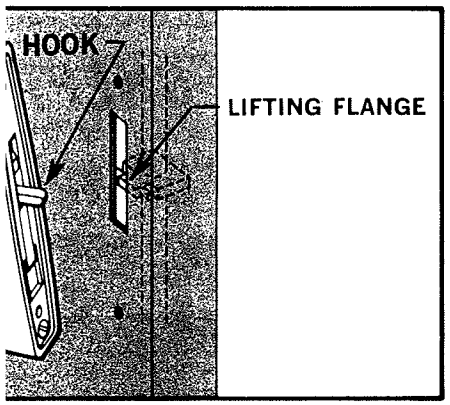
TTEN HEAD COMPLETELY



CASE

nished, back out screw and remove . (See illustration at left)

ook under Lifting Flange. Secure with



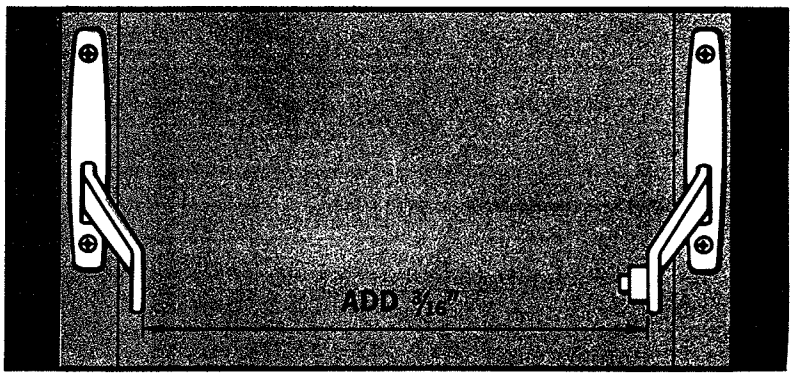
N

ver to be sure Top Latch and Bottom main retracted when lever is released. ct flush with bottom of door, Check



7 INSTALL CROSS-BAR

Measure distance between bottom of levers as shown. Add 3/16" to this dimension and cut Cross-Bar to this measurement. Remove burrs on inside and outside of bar.



A. PLACE TENON IN CROSS-BAR

Place Tenon removed from Active Case into end of Cross-Bar so it is just flush with end of bar.

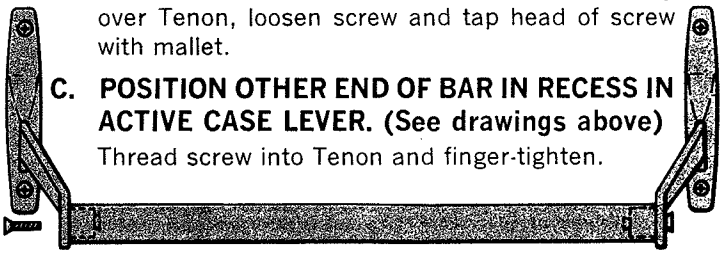


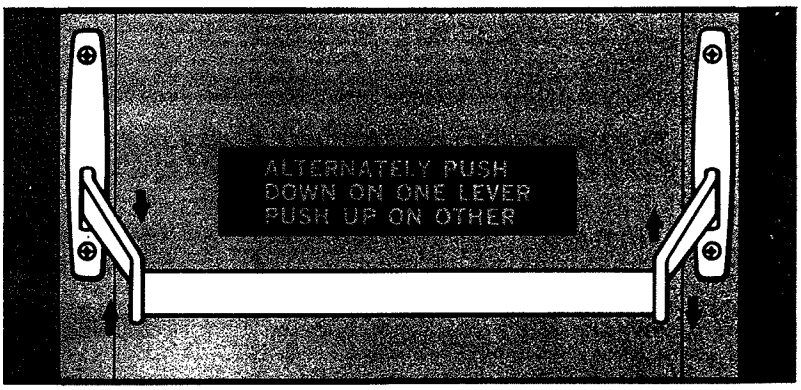
B. PLACE OPEN END OF BAR OVER TENON SECURED TO INACTIVE CASE LEVER

Set bar into recess in Lever. If bar won't fit easily over Tenon, loosen screw and tap head of screw with mallet.

C. POSITION OTHER END OF BAR IN RECESS IN ACTIVE CASE LEVER. (See drawings above)

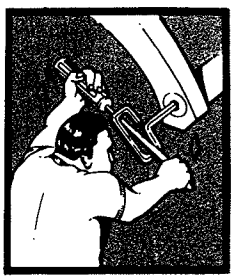
Thread screw into Tenon and finger-tighten.



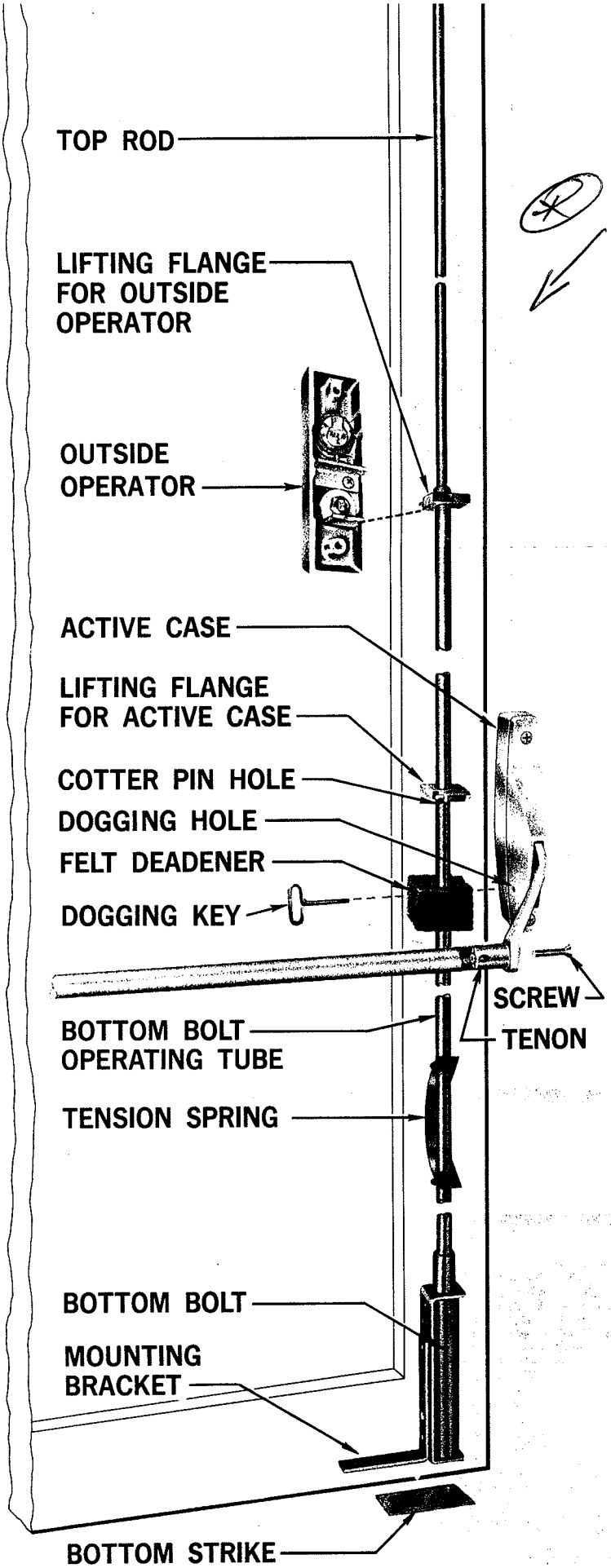


D. SEAT BAR IN LEVER

Rock Cross-Bar by alternately pushing down on one lever while lifting on other. This rocking will assure line-up of 2 Tenon pins in holes in lever. TIGHTLY SECURE SCREWS USING SCREWDRIVER THROUGH BOW OF DOGGING KEY FURNISHED.



IF AFTER COMPLETION OF INSTALLATION, CROSS-BAR DOES NOT WORK FREELY, CHECK INSTALLATION FOR BINDING OF LEVERS DUE TO IMPROPER BAR LENGTH OR CASE MISALIGNMENT.



2 INSERT RODS AND SEC LATCHES AND BOTTOM

BEFORE INSERTING — See drawings or for proper positioning of all parts.

A. If using CONCEALED (bracket) MOUNT brackets to cases of Top Latch and Bott

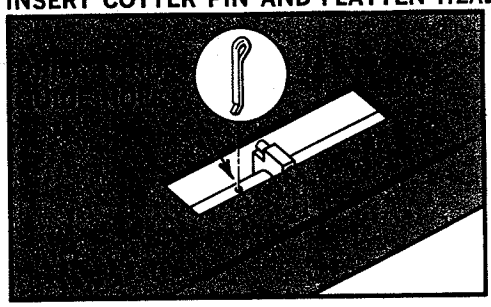
B. SLIDE BOTTOM TUBE into bottom of st as shown on back of this sheet.

C. RETRACT TOP LATCH by holding Case a INSERT TOP LATCH ROD into top of stile Secure with screws as shown on back of

3 PIN TOP ROD AND BOT

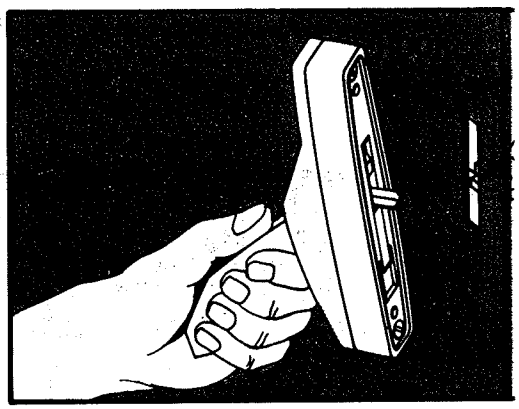
Using access hole, raise Lifting Flange for Act Bolt is fully retracted. DO NOT PRESS BOT TOM OF DOOR. Be sure that Top Latch is ret hole through Rod and Tube using pre-drilled guide. Insert Hammer-Lock Cotter Pin throu punch and hammer. FLATTEN PIN HEAD COM

INSERT COTTER PIN AND FLATTEN HEAD (



4 INSTALL ACTIVE CASE

Undog cases. Using Key furnished, back tenon from Active Case Lever. (See illustrat Mount Active Case, engaging hook under Lif screws furnished.



5 TEST OPERATION

Push down on Active Case Lever to be sure Bolt retract completely and remain retracted If Bottom Bolt does not retract flush with Third Step procedure.

PRINTED IN U.S.A.

INSTALLATION INSTRUCTIONS

CONCEALED ROD FIRE EXIT DEVICES*

METAL AND NARROW LINE ALUMINUM DOORS

BOLT NOS.
4061, 4062, 4063, 406
CH641, CH642, CH643,
U indicates U.L. Listed
MR indicates Master Ring

BEFORE PROCEEDING

CHECK HAND OF FIXTURE. IF HAND NEEDS REVERSING SEE REVERSE SIDE OF SHEET:

1 PREPARE DOOR AND FRAME IF NOT ALREADY FULLY PREPARED

Follow template furnished and drawings on reverse side of sheet.

2 INSERT RODS AND SECURE TOP LATCHES AND BOTTOM BOLT

BEFORE INSERTING — See drawings on reverse side of sheet for proper positioning of all parts.

A. If using CONCEALED (bracket) MOUNTING, attach mounting brackets to cases of Top Latch and Bottom Bolt **NOW.**

B. SLIDE BOTTOM TUBE into bottom of stile. Secure with screws as shown on back of this sheet.

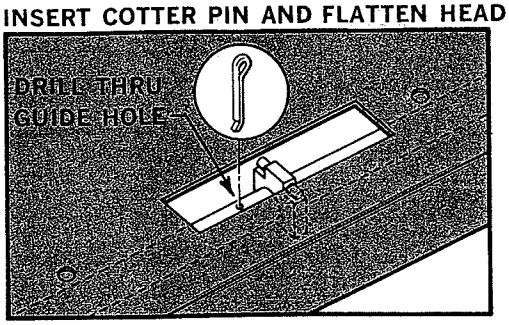
C. RETRACT TOP LATCH by holding Case and pushing up on Rod. INSERT TOP LATCH ROD into top of stile and into Bottom Tube. Secure with screws as shown on back of this sheet.

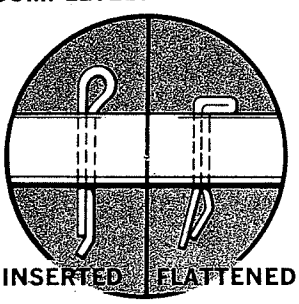
3 PIN TOP ROD AND BOTTOM TUBE

Using access hole, raise Lifting Flange for Active Case so that Bottom Bolt is fully retracted. DO NOT PRESS BOTTOM BOLT FROM BOTTOM OF DOOR. Be sure that Top Latch is retracted. Drill ⅛" diameter hole through Rod and Tube using pre-drilled hole in Bottom Tube as guide. Insert Hammer-Lock Cotter Pin through hole and secure with punch and hammer. FLATTEN PIN HEAD COMPLETELY. HANG DOOR.

CRITICAL

INSERT COTTER PIN AND FLATTEN HEAD COMPLETELY





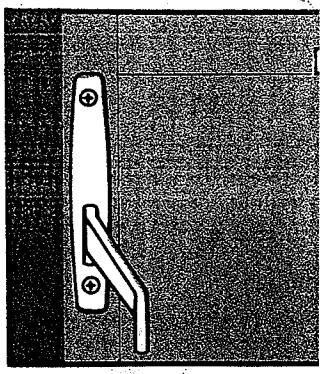
4 INSTALL ACTIVE CASE

Undog cases. Using Key furnished, back out screw and remove tenon from Active Case Lever. (See illustration at left)

Mount Active Case, engaging hook under Lifting Flange. Secure with screws furnished.

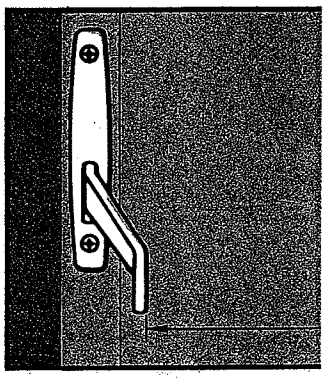
6 INSTALL INAC

Place Case in position. Lev
¼-20 Screws and mount.



7 INSTALL CROS

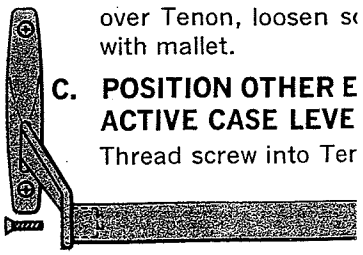
Measure distance between
this dimension and cut C
burrs on inside and outsid



A. PLACE TENON IN
Place Tenon removed
it is just flush with en



B. PLACE OPEN END SECURED TO INAC
Set bar into recess in
over Tenon, loosen s
with mallet.



C. POSITION OTHER E ACTIVE CASE LEVE
Thread screw into Ter



(INSTRUCTIONS ON REVERSE SIDE)

CHECK POSITION OF PARTS FOR HAND OF YOUR DOOR

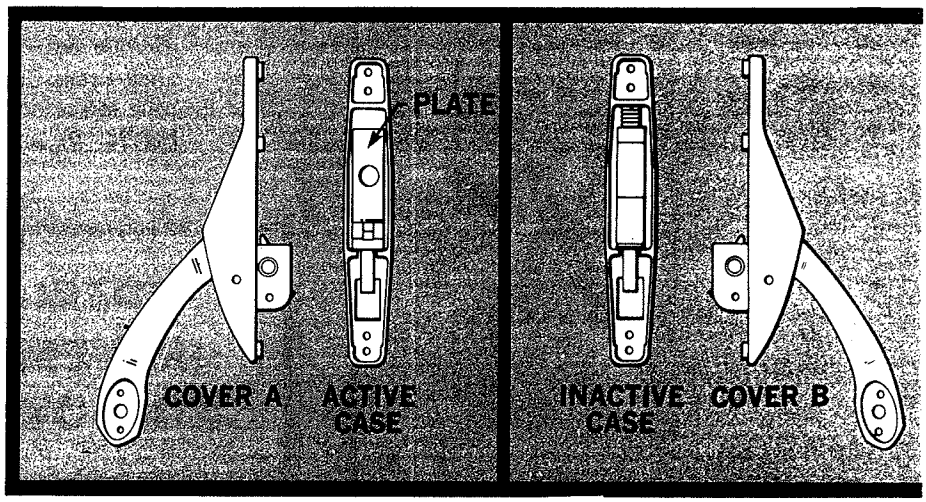
SCREWS FURNISHED			
SCREW THREAD	TAP DRILL		WHERE USED
10-32	No. 21		Bottom and Top Mounting Brackets CONCEALED BRACKET MOUNTING
10-32			TOP LATCH & BOTTOM BOLT CASES (Exposed Screw Mounting)
8-32	No. 29		Top Strike
1/4-20	No. 7		Active and Inactive Cases
1/4-20 & Anchor			Bottom Strike
	TAP DRILL	% THREAD	
10-24 SELF-TAPPING	18	75%	OUTSIDE OPERATOR
	11/64	70%	
	17	65%	
	16	55%	

TO REVERSE HAND OF FIXTURE

IF HAND DOES NOT NEED REVERSING, PROCEED WI

A. *REMOVE CASE COVERS*

Remove the top and bottom screw at the back of each case.



Corbin Russwin®

In U.S.:
Corbin Russwin, Inc.
225 Episcopal Road
Berlin, CT 06037 USA
Phone: 860-225-7411 Fax: 860-828-7266

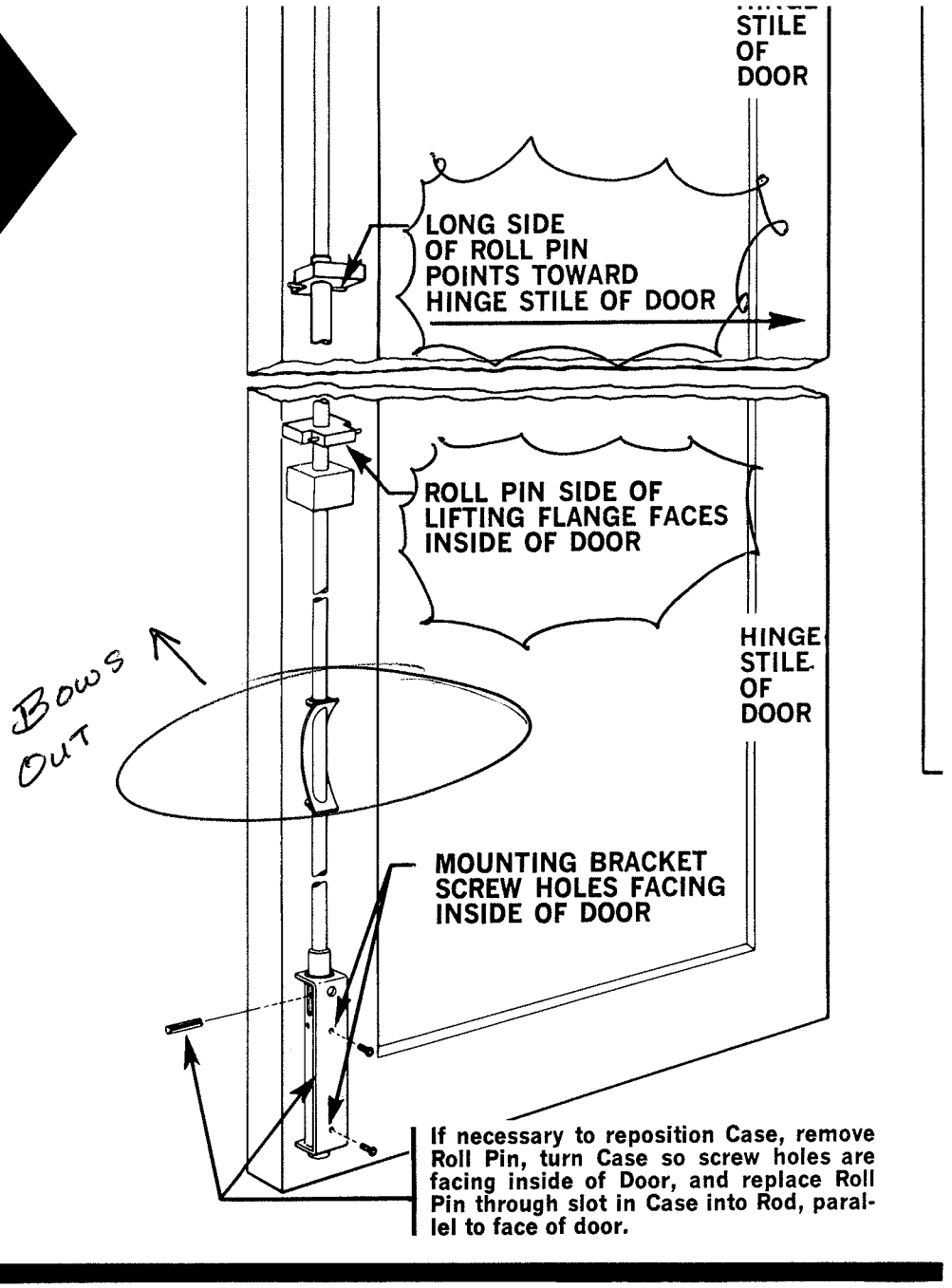
In Canada:
Yale-Corbin Canada LTD.
3160 Orlando Drive
Mississauga, Ontario, Canada L4V1R5
Phone: 905-672-6220 Fax: 905-672-9022

*U.S. and Foreign Patents Applied For.

EVERSE SIDE)

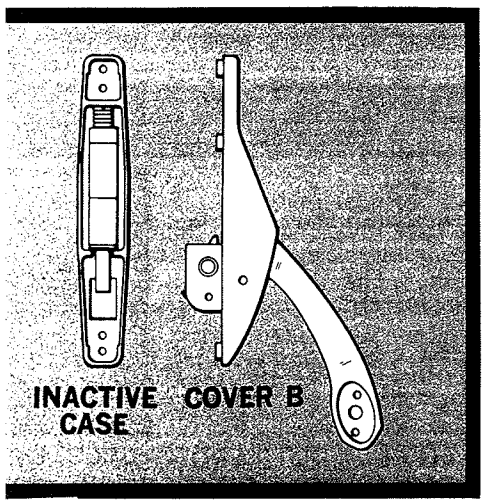
TION OF IAND OF OOR

USED
lounting Brackets ACKET MOUNTING TOM BOLT CASES ounting)
e Cases
OPERATOR



E

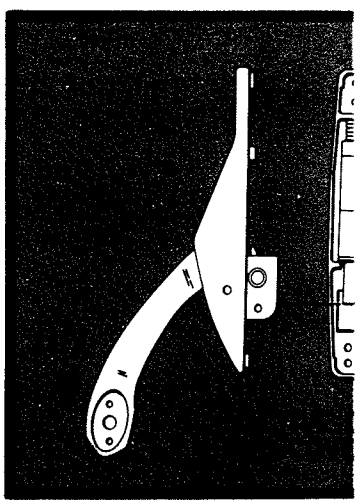
, PROCEED WITH FIRST STEP ON FRONT OF SHEET



B. SWITCH CASE COVERS AND REASSEMBLE

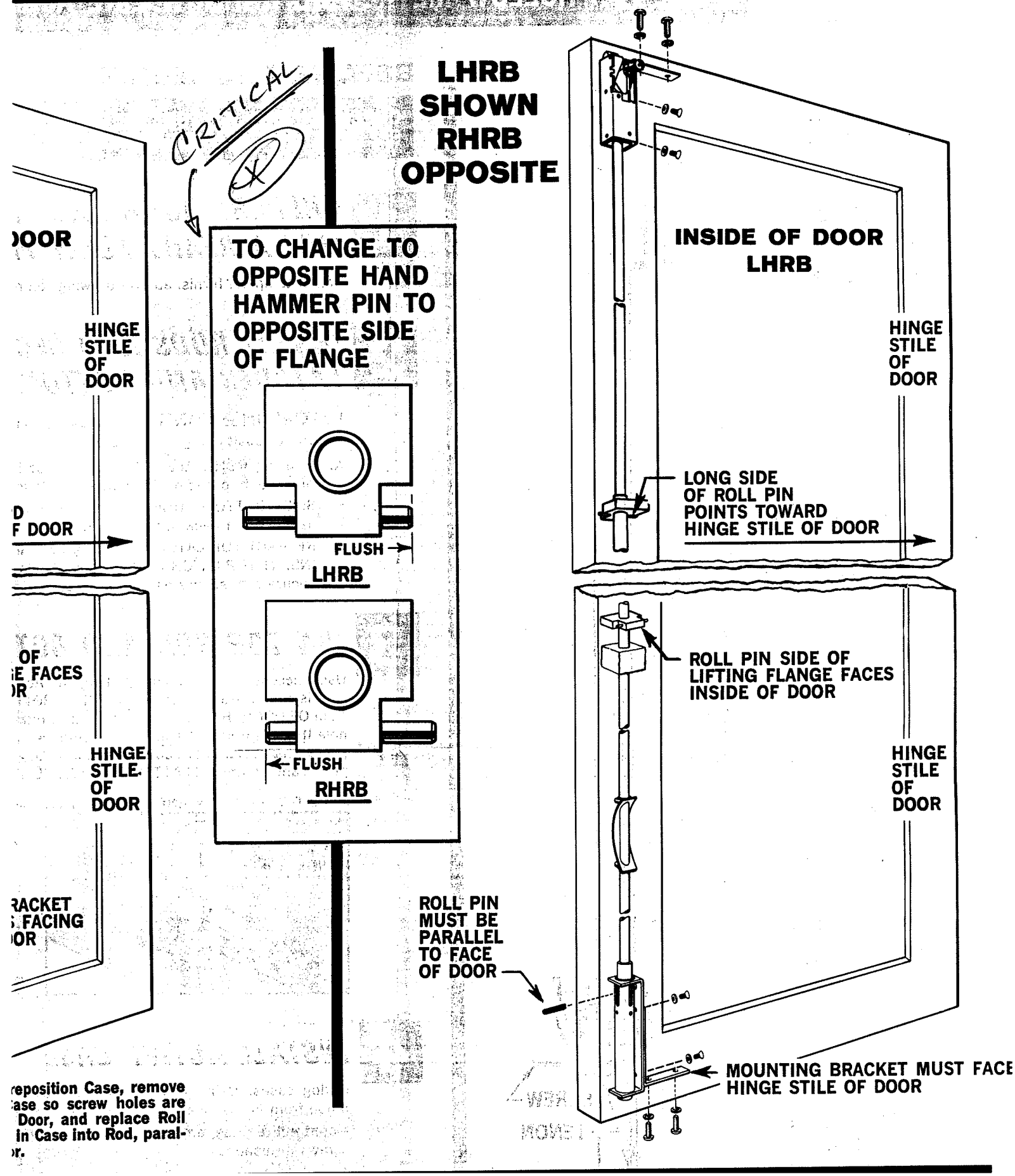
1. Place Cover from present Active Case (A) on Inactive Case,engaging Liftjng Finger with bottom of Slide.
2. Place Cover from Inactive Case (B) on Active Case, engaging Lifting Finger with bottom of Slide. Be sure that nylon button on back of cover fits into hole in plate.

   Be sure that Plate with Hole in it is Positioned in Active Case, as shown, with Rounded End Down.



TING

2 FOR CONCEALED SCREW (BRACKET) MOUNTING

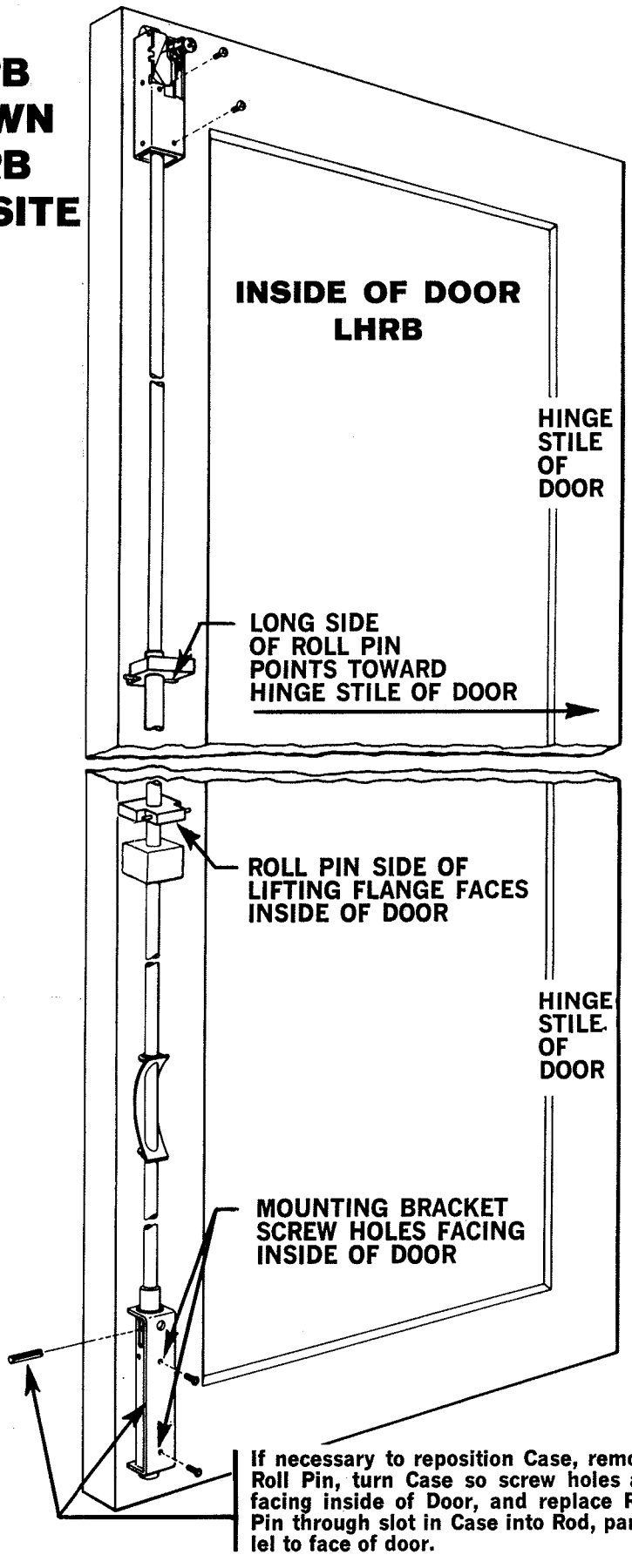


reposition Case, remove ase so screw holes are Door, and replace Roll in Case into Rod, paral- r.

1 FOR EXPOSED SCREW MOUNTING

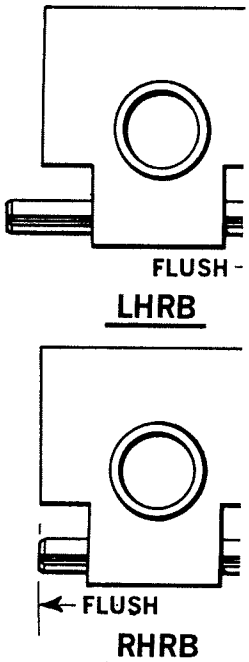
2

LHRB SHOWN RHRB OPPOSITE



If necessary to reposition Case, remove Roll Pin, turn Case so screw holes are facing inside of Door, and replace Roll Pin through slot in Case into Rod, parallel to face of door.

TO CHANGE OPPOSITE HA HAMMER PIN OPPOSITE SI OF FLANGE



INSTRUCTIONS FOR INSTALLING

REVERSIBLE CONCEALED ROD FIRE EXIT DEVICES*

FOR HOLLOW METAL AND NARROW LINE ALUMINUM DOORS

NOS. 4061, 4062, 4063, 4068, CH641, CH642, CH643, CH648

U indicates U.L. Listed; MR indicates Master Ring Cylinder.

BEFORE INSTALLING

(INSTRUCTIONS ON REVERSE SIDE)

CHECK POSITION OF PARTS FOR HAND OF YOUR DOOR

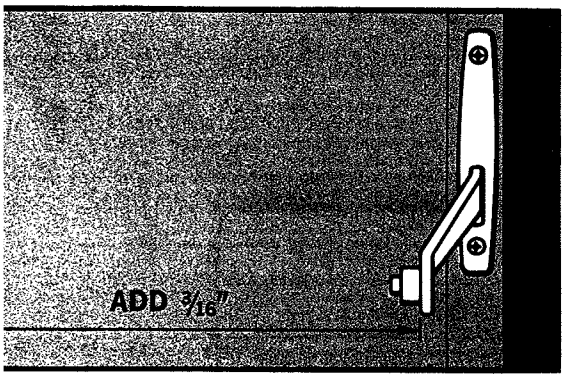
SCREWS FURNISHED		
SCREW THREAD	**TAP DRILL**	**WHERE USED**
10-32	No. 21	Bottom and Top Mounting Brackets CONCEALED BRACKET MOUNTING
10-32		TOP LATCH & BOTTOM BOLT CASES (Exposed Screw Mounting)
8-32	No. 29	Top Strike
¼-20	No. 7	Active and Inactive Cases
¼-20 & Anchor		Bottom Strike
10-24 SELF-TAPPING	TAP DRILL / % THREAD: 18 / 75%; 11/64 / 70%; 17 / 65%; 16 / 55%	OUTSIDE OPERATOR

TO REVERSE HAND OF FIXTURE



'ROSS-BAR

)etween bottom of levers as shown. Add 3/16" to
l cut Cross-Bar to this measurement. Remove
outside of bar.



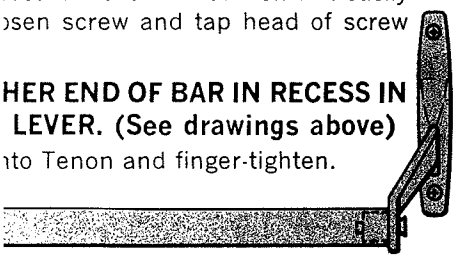
N IN CROSS-BAR

moved from Active Case into end of Cross-Bar so
vith end of bar.



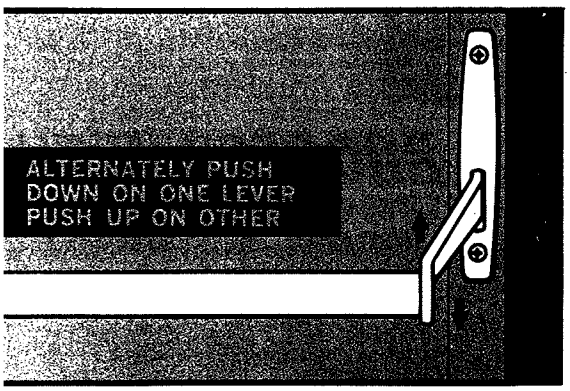
END OF BAR OVER TENON
INACTIVE CASE LEVER

:ess in Lever. If bar won't fit easily
)sen screw and tap head of screw



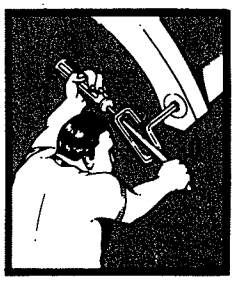
HER END OF BAR IN RECESS IN
LEVER. (See drawings above)

ıto Tenon and finger-tighten.

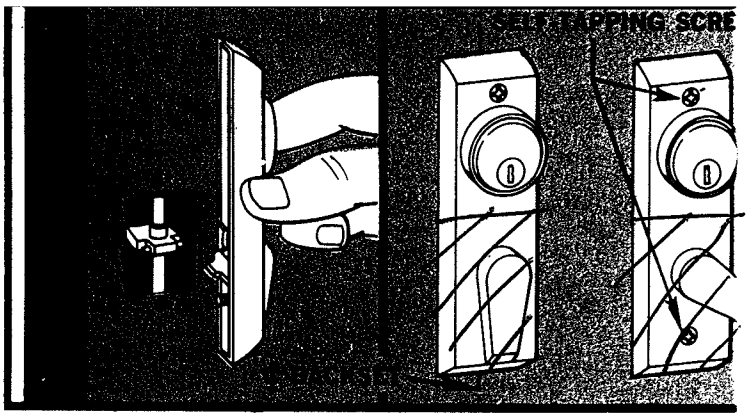


LEVER

r by alternately pushing
ever while lifting on other.
l assure line-up of 2 Tenon
n lever. TIGHTLY SECURE
SCREWDRIVER THROUGH
ING KEY FURNISHED.

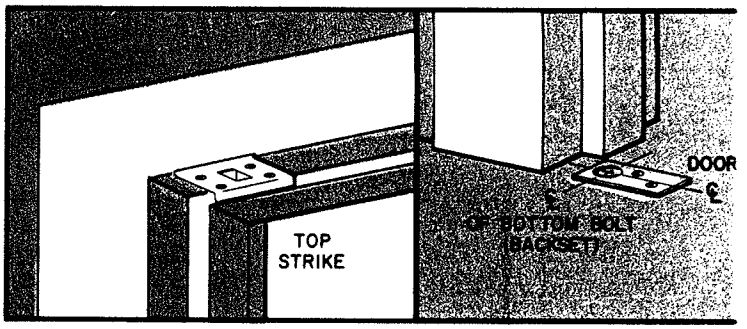


PLETION OF INSTALLATION, CROSS-BAR DOES
EELY, CHECK INSTALLATION FOR BINDING OF
O IMPROPER BAR LENGTH OR CASE MISALIGN-



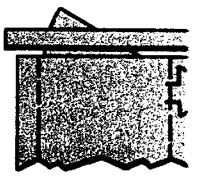
9 INSTALL STRIKES

Apply Top Strike on header with screws furnished. If not using th
old, mortise Bottom Strike into floor, lining up with Bolt Center
With metal threshold, drill 7/8" hole in threshold in line with Ce
Line of Bottom Bolt.



10 ADJUST PLUNGER SCREW

When door is closed against Top Strike, Plunger Screw releases Top Latch and Bottom Bolt. Adjust so that when door is shut tight, screw head just touches Strike.



JUST TO

11 TEST OPERATION

From Outside — When door is opened by turning Operator Le
Top Latch and Bottom Bolt should retract and stay retracted
Plunger Screw is pushed in.

From Inside — When door is opened by depressing Cross-Bar.
Latch and Bottom Bolts should retract, and stay retracted
Plunger Screw is pushed in.

Lock Cross-Bar in dogged down position. Latch and Bolt shoul
fully retracted.

(NOTE: No dogging feature on "U" Series.)

NOTE:
REVERSING INSTRUCTIONS ON OTHER SIDE OF SHEET.

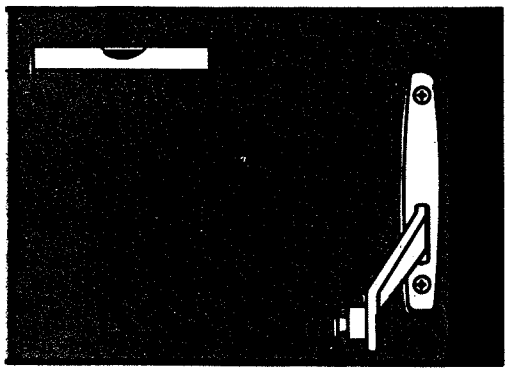
*U.S. and Fore
Patents Applied

068
13, CH648

ıg Cylinder.

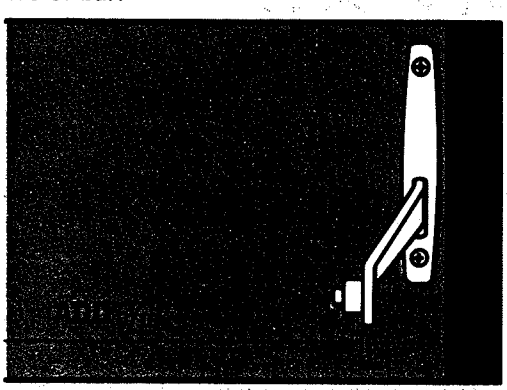
CTIVE CASE

Level with Active Case. Drill and tap for No.



ISS-BAR

een bottom of levers as shown. Add 3/16" to Cross-Bar to this measurement. Remove ide of bar.



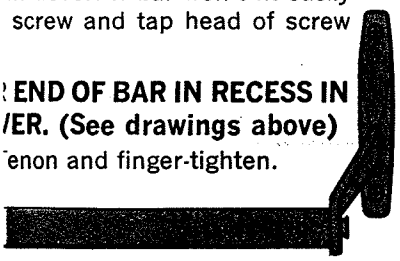
N CROSS-BAR

ed from Active Case into end of Cross-Bar so end of bar.



D OF BAR OVER TENON
ACTIVE CASE LEVER

in Lever. If bar won't fit easily screw and tap head of screw



END OF BAR IN RECESS IN VER. (See drawings above)

enon and finger-tighten.

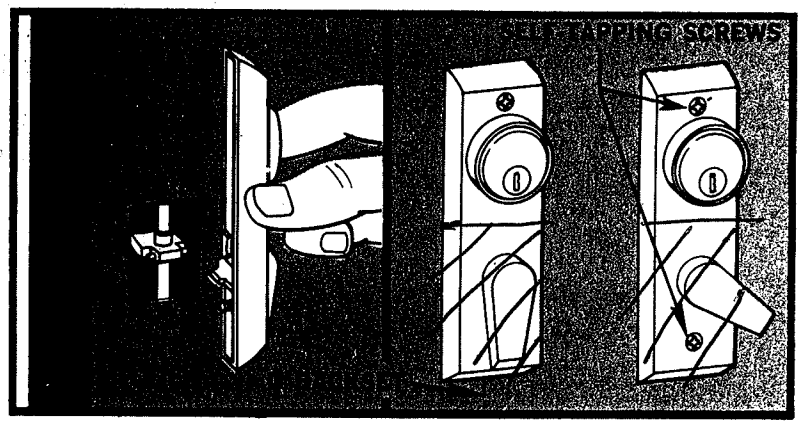


8 INSTALL OUTSIDE OPERATOR

Following template furnished, mark bolt backset on OUTSIDE OF door. Press in Top Latch Plunger Screw to project Top Latch and Bottom Bolt. Put Operator in locked position. Center Operator on backset line so TOP SIDE OF LIFTING LEVER contacts UNDERSIDE OF Auxiliary Lifting Flange. Spot door through hole at top of Operator and drill starting hole with No. 18 drill for self-tapping screw. Mount operator with screws furnished. Unlock operator and swing operator lever to the side retracting latch and bolt. Spot and drill hole with No. 18 drill for self-tapping screw. Secure.

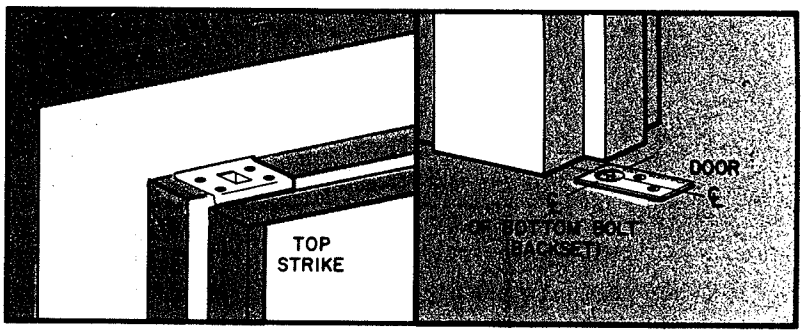
NOTE: If door offers too much resistance to self-tapping screw, use next larger drill (See chart).

SIZE	% THREAD
No. 18	75%
11/64"	70%
No. 17	65%
No. 16	55%



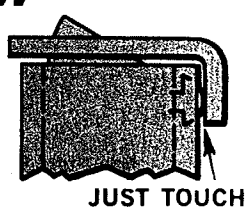
9 INSTALL STRIKES

Apply Top Strike on header with screws furnished. If not using threshold, mortise Bottom Strike into floor, lining up with Bolt Center Line. With metal threshold, drill 7/8" hole in threshold in line with Center Line of Bottom Bolt.



10 ADJUST PLUNGER SCREW

When door is closed against Top Strike, Plunger Screw releases Top Latch and Bottom Bolt. Adjust so that when door is shut tight, screw head just touches Strike.



11 TEST OPERATION

LLATION INSTRUCTIONS

ALED ROD FIRE EXIT DEVICES*

ND NARROW LINE ALUMINUM DOORS

BOLT NOS.
4061, 4062, 4063, 4068
CH641, CH642, CH643, CH648
U indicates U.L. Listed
MR indicates Master Ring Cylinder.

RE PROCEEDING

HAND OF FIXTURE. IF HAND NEEDS REVERSING VERSE SIDE OF SHEET:

PREPARE DOOR AND FRAME IF NOT ALREADY FULLY PREPARED

Follow template furnished and drawings on reverse side of sheet.

INSERT RODS AND SECURE TOP LATCHES AND BOTTOM BOLT

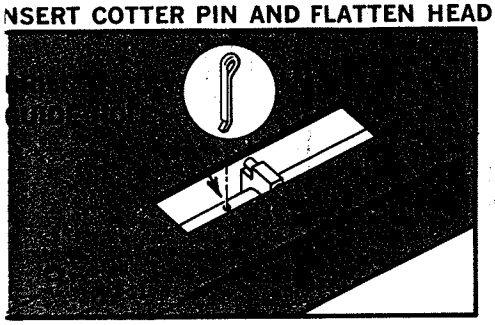
BEFORE INSERTING — See drawings on reverse side of sheet for proper positioning of all parts.

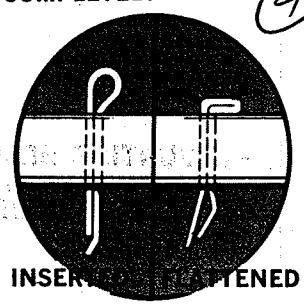
1. If using CONCEALED (bracket) MOUNTING, attach mounting brackets to cases of Top Latch and Bottom Bolt **NOW.**
3. SLIDE BOTTOM TUBE into bottom of stile. Secure with screws as shown on back of this sheet.
2. RETRACT TOP LATCH by holding Case and pushing up on Rod. INSERT TOP LATCH ROD into top of stile and into Bottom Tube. Secure with screws as shown on back of this sheet.

PIN TOP ROD AND BOTTOM TUBE

Using access hole, raise Lifting Flange for Active Case so that Bottom Bolt is fully retracted. DO NOT PRESS BOTTOM BOLT FROM BOTTOM OF DOOR. Be sure that Top Latch is retracted. Drill ⅛" diameter hole through Rod and Tube using pre-drilled hole in Bottom Tube as guide. Insert Hammer-Lock Cotter Pin through hole and secure with punch and hammer. FLATTEN PIN HEAD COMPLETELY. HANG DOOR.

INSERT COTTER PIN AND FLATTEN HEAD COMPLETELY





INSERTED FLATTENED

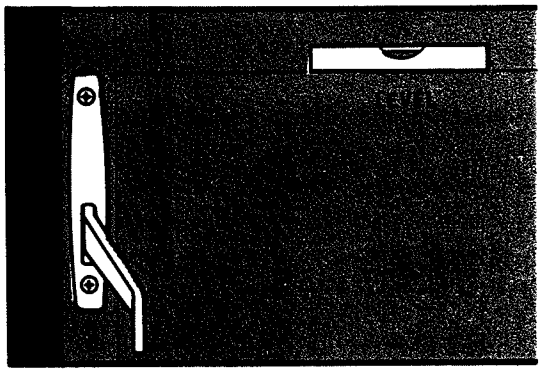
INSTALL ACTIVE CASE

Undog cases. Using Key furnished, back out screw and remove Tenon from Active Case Lever. (See illustration at left)

Mount Active Case, engaging hook under Lifting Flange. Secure with screws furnished.

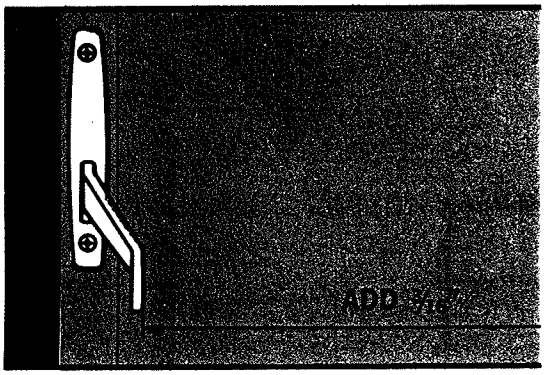
6 *INSTALL INACTIVE CASE*

Place Case in position. Level with Active Case. ¼-20 Screws and mount.



7 *INSTALL CROSS-BAR*

Measure distance between bottom of levers a this dimension and cut Cross-Bar to this m burrs on inside and outside of bar.



A. PLACE TENON IN CROSS-BAR

Place Tenon removed from Active Case in it is just flush with end of bar.

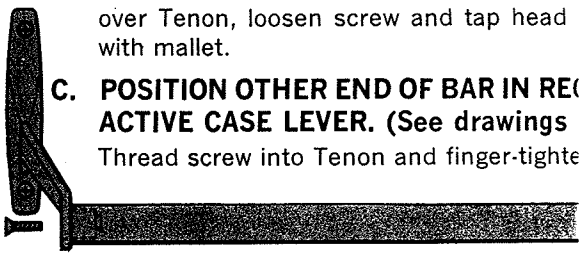


B. PLACE OPEN END OF BAR OVER TE SECURED TO INACTIVE CASE LEVEF

Set bar into recess in Lever. If bar won't over Tenon, loosen screw and tap head with mallet.

C. POSITION OTHER END OF BAR IN RE(ACTIVE CASE LEVER. (See drawings

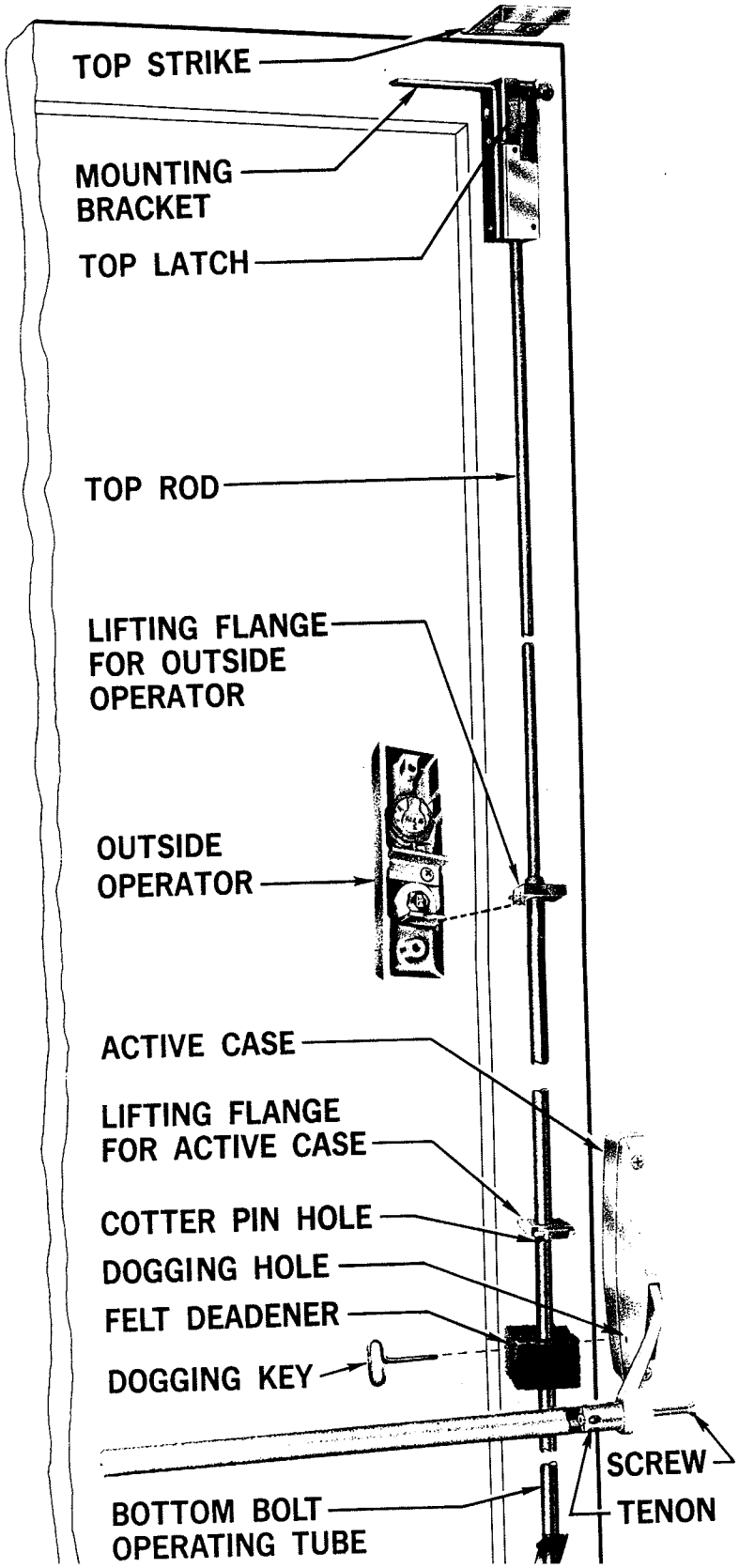
Thread screw into Tenon and finger-tighte





INSTALLATION INSTRUCTIONS

REVERSIBLE CONCEALED ROD FIRE EX
FOR HOLLOW METAL AND NARROW LINE ALUMINU



BEFORE PROCEEDING

CHECK HAND OF FIXTURE. IF HAND NEEDS R
SEE REVERSE SIDE OF SHEET:

1 PREPARE DOOR AND FRAI NOT ALREADY FULLY PREF

Follow template furnished and drawings on reverse

2 INSERT RODS AND SECUR LATCHES AND BOTTOM BU

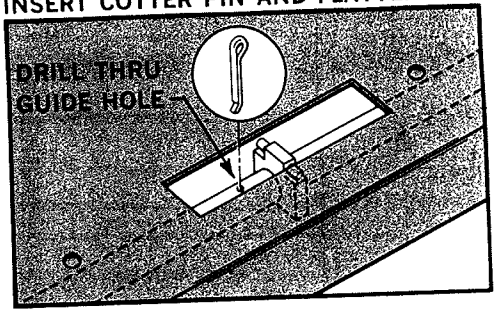
BEFORE INSERTING — See drawings on reve for proper positioning of all parts.

A. If using CONCEALED (bracket) MOUNTING, brackets to cases of Top Latch and Bottom Bo
B. SLIDE BOTTOM TUBE into bottom of stile. Se as shown on back of this sheet.
C. RETRACT TOP LATCH by holding Case and pu INSERT TOP LATCH ROD into top of stile and i Secure with screws as shown on back of this s

3 PIN TOP ROD AND BOTTO

Using access hole, raise Lifting Flange for Active Ca Bolt is fully retracted. DO NOT PRESS BOTTOM TOM OF DOOR. Be sure that Top Latch is retracted hole through Rod and Tube using pre-drilled hole guide. Insert Hammer-Lock Cotter Pin through ho punch and hammer. FLATTEN PIN HEAD COMPLET

INSERT COTTER PIN AND FLATTEN HEAD COMF

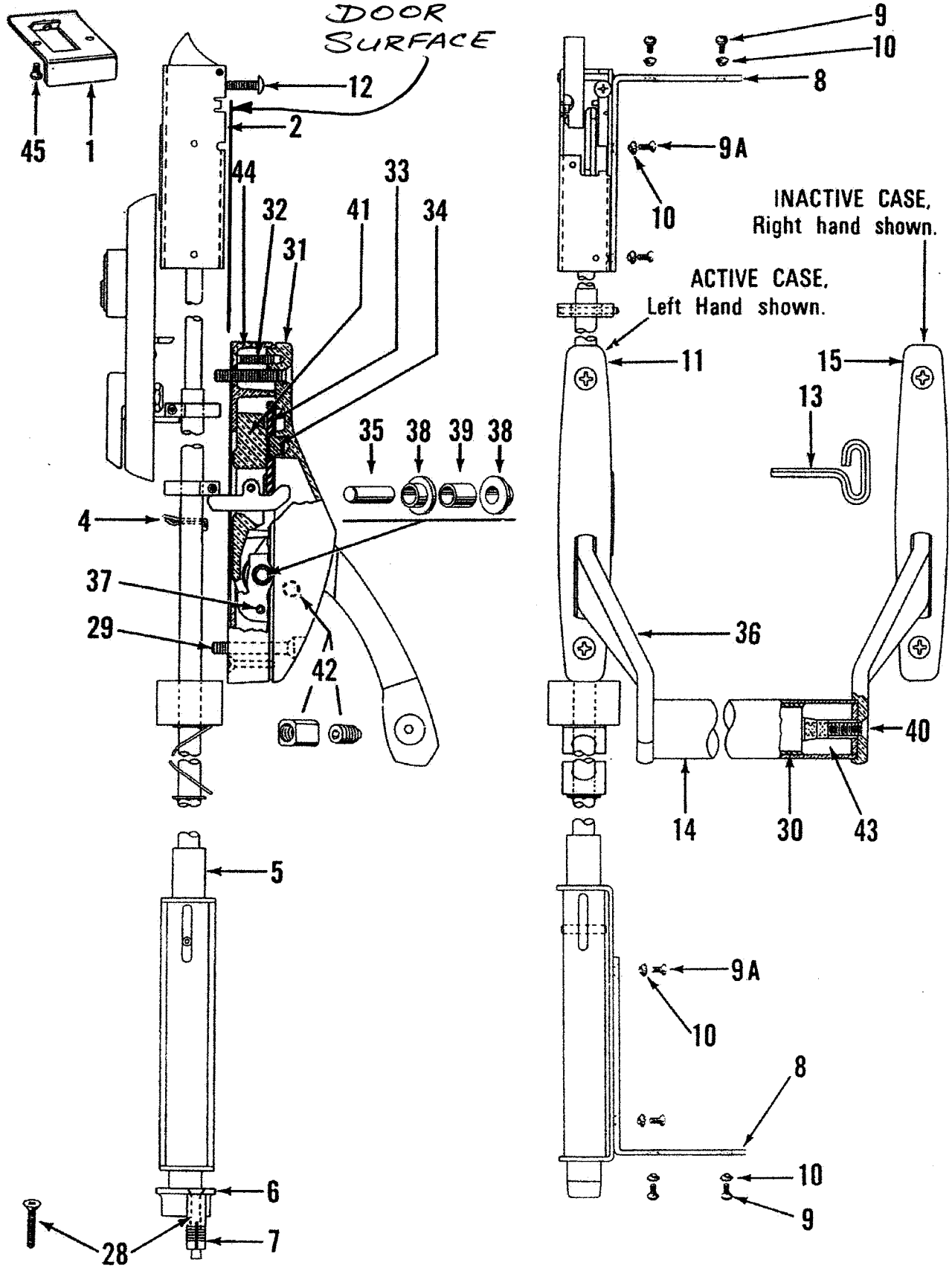


INS

4 INSTALL ACTIVE CASE

Undog cases. Using Key furnished, back out tenon from Active Case Lever. (See illustration Mount Active Case, engaging hook under Lifting screws furnished.

ED7800 CONCEALED VERTICAL ROD

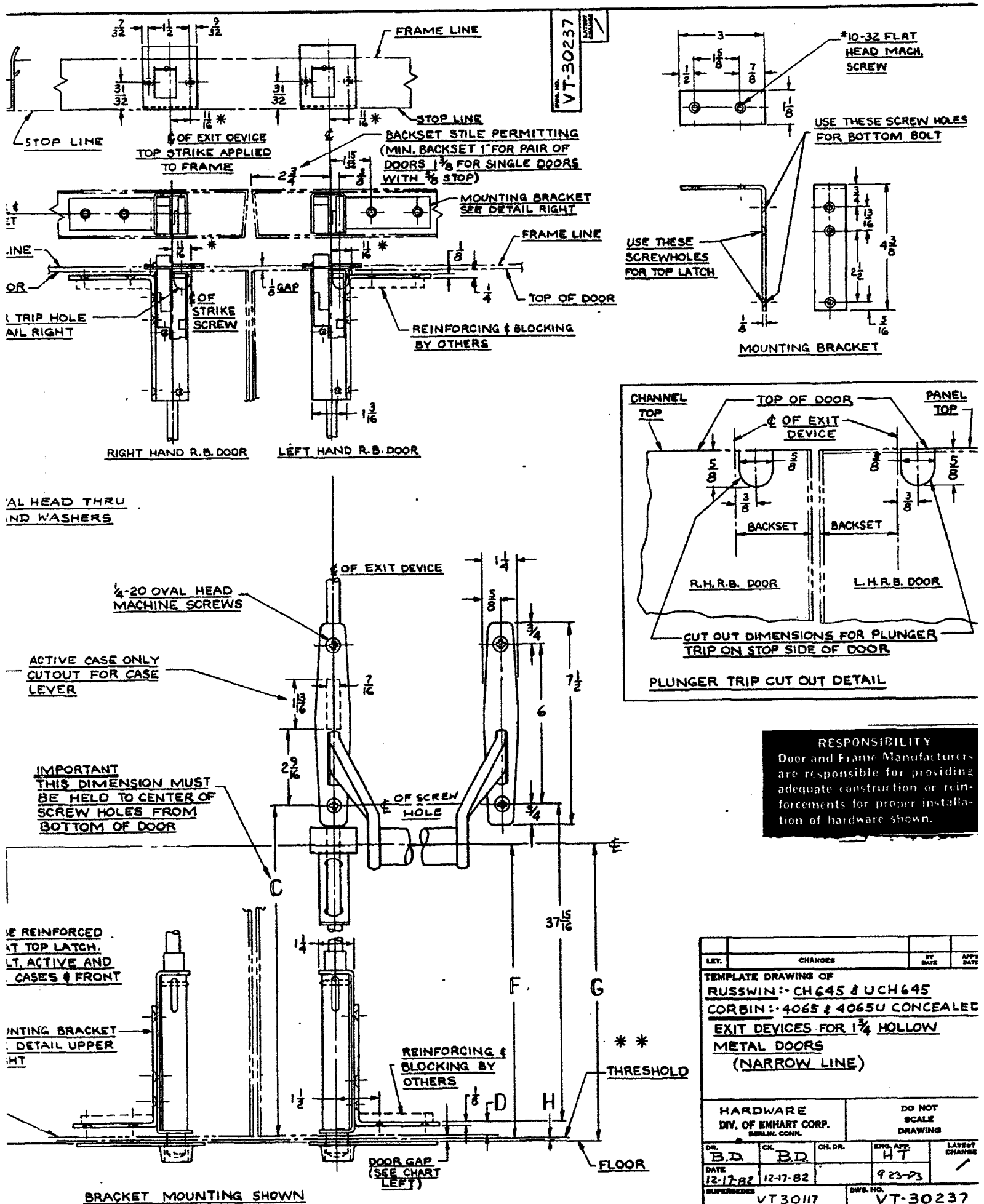


ED7800

ITEM	PART NAME and DESCRIPTION			PART NO.
1	TOP STRIKE SUB ASS'Y includes screws	Regular		183F85
		Reveal Depth	5 1/2" To 8"	213F10
			Under 5 1/2"	213F11
2	TOP LATCH SUB ASS'Y (includes top rod)	for door heights 6'4" to 8'6"		183F74
		for door heights 8'6" to 10'8"		183F75
4	COTTER PIN			269F04
5	LOWER BOLT SUB ASS'Y (includes bottom rod)			305F72
6	BOTTOM STRIKE (includes screws and anchors)			123F22
7	ANCHOR			361F30
8	MOUNTING BRACKET			122F18
9	#10-32 NF-2A X 7/16" PHILLIPS FLAT HEAD UNDERCUT MACHINE SCREW	specify finish		351F52
9A	#10-32 NF-2A X 1/4" PHILLIPS OVAL HEAD UNDERCUT MACHINE SCREW			269F09
10	LOCK WASHER 82° external c'sink type			269F05
11	ACTIVE CASE SUB ASS'Y	With dogging	R. H.	291F52
			L. H.	291F53
		Less dogging	R. H.	291F54
			L. H.	291F55
12	#10-32 X 1 1/4" PHIL. TORX HEAD MACH. SCREW			282F35

ITEM	PART NAME and DESCRIPTION			PART NO.
13	WRENCH			123F53
14	CROSSBAR Regularly 31 11/16" long, unless otherwise specified			141L59
15	*INACTIVE CASE SUB ASS'Y	With dogging	R. H.	269F73
			L. H.	269F74
		Less dogging	R. H.	269F75
			L. H.	269F76
28	1/4-20NC-2A X 5/8" PHIL. FLAT HEAD MACH. SCREW			220F75
29	1/4-20NC-2A X 1 3/4" PHIL. OVAL HEAD MACH. SCREW			249F33
30	REINFORCING TUBE Specify length			141L54
31	COVER only	With dogging	R. H.	269F33
			L. H.	269F34
		Less dogging		269F35
32	#10-32 X 1" PHILLIPS FLAT HEAD MACHINE SCREW			291F57
33	STOP PLATE			291F49
34	BUTTON			291F54
35	LEVER PIVOT			269F48
36	LEVER		R. H.	269F32
			L. H.	269F31
37	#59-040-187-0750			228F80
38	BUSHING			269F49
39	NYLINER			269F47
40	5/16-24 UNF-2A X 1 1/2" FH SOCKET MACH. SCREW			261F31
41	SLIDE SUB ASS'Y			293F18
42	DOGGING DEVICE SUB ASS'Y			321F90
43	TENON SUB ASS'Y			378F74
44	CASE only. For active and inactive sub-assemblies			269F42
45	#8-32NC-2A X 3/8" PHILLIPS FLAT HEAD UNDERCUT MACHINE SCREW			269F08

*See page 8 for Inactive Case component parts list.



RESPONSIBILITY

Door and Frame Manufacturers are responsible for providing adequate construction or reinforcements for proper installation of hardware shown.

LET.	CHANGES	BY DATE	APP'D DATE

TEMPLATE DRAWING OF
RUSSWIN:- CH645 & UCH645
CORBIN:- 4065 & 4065U CONCEALED
EXIT DEVICES FOR 1 3/4 HOLLOW METAL DOORS
(NARROW LINE)

HARDWARE
DIV. OF EMHART CORP.
BERLIN, CONN.

DO NOT SCALE DRAWING

DR.	CK.	CH. DR.	ENG. APP.	LATEST CHANGE
B.D.	B.D.		HT	
DATE 12-17-82	12-17-82		9-23-83	

SUPERSEDES VT 30117 | DWG. NO. VT-30237

b a

– REINFORCING & BLOCKING BY OTHERS

OR

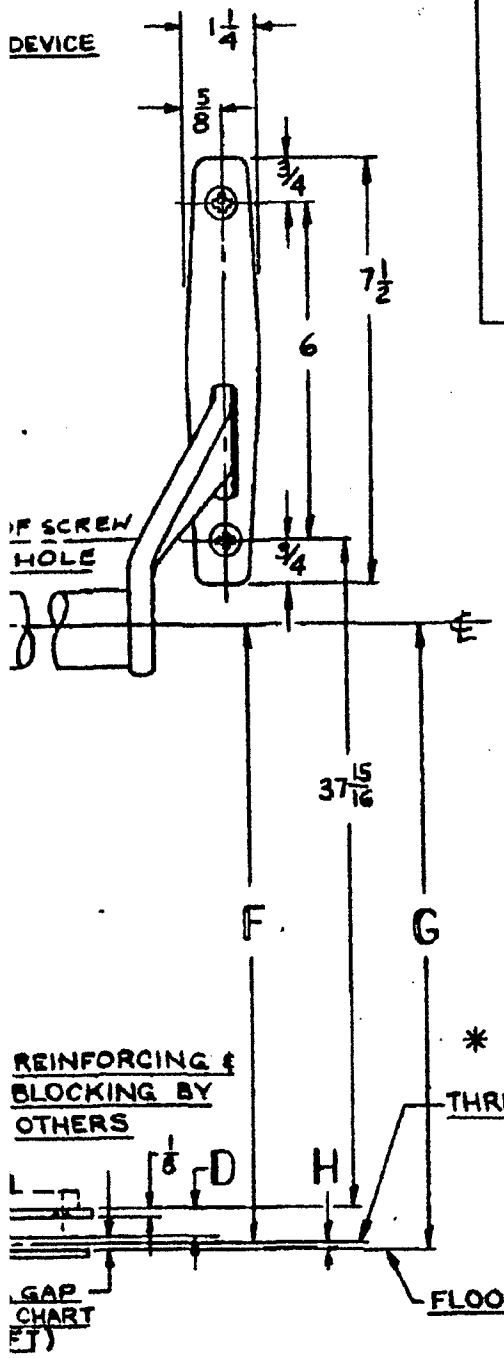
DEVICE

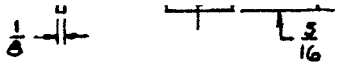
IF SCREW HOLE

REINFORCING & BLOCKING BY OTHERS

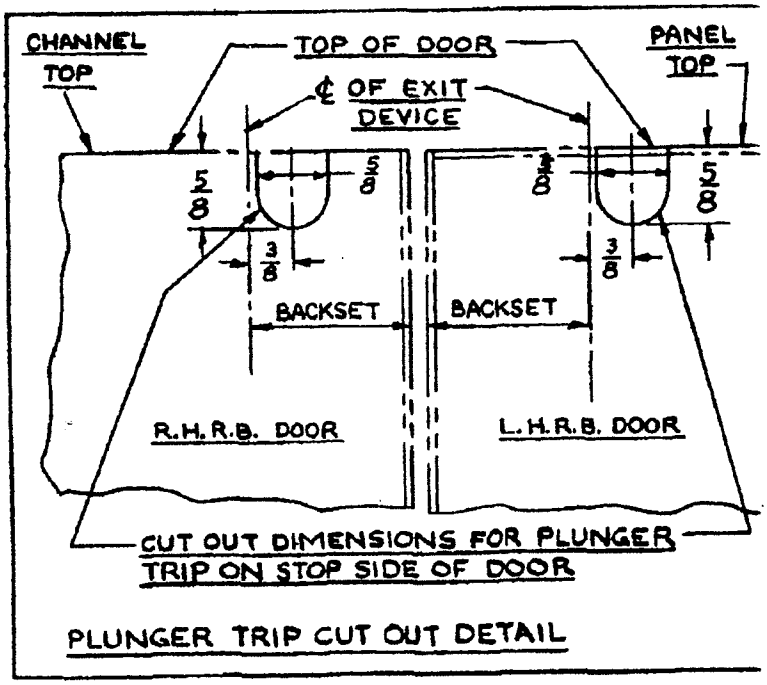
GAP CHART

FT)





MOUNTING BRACKET



PLUNGER TRIP CUT OUT DETAIL

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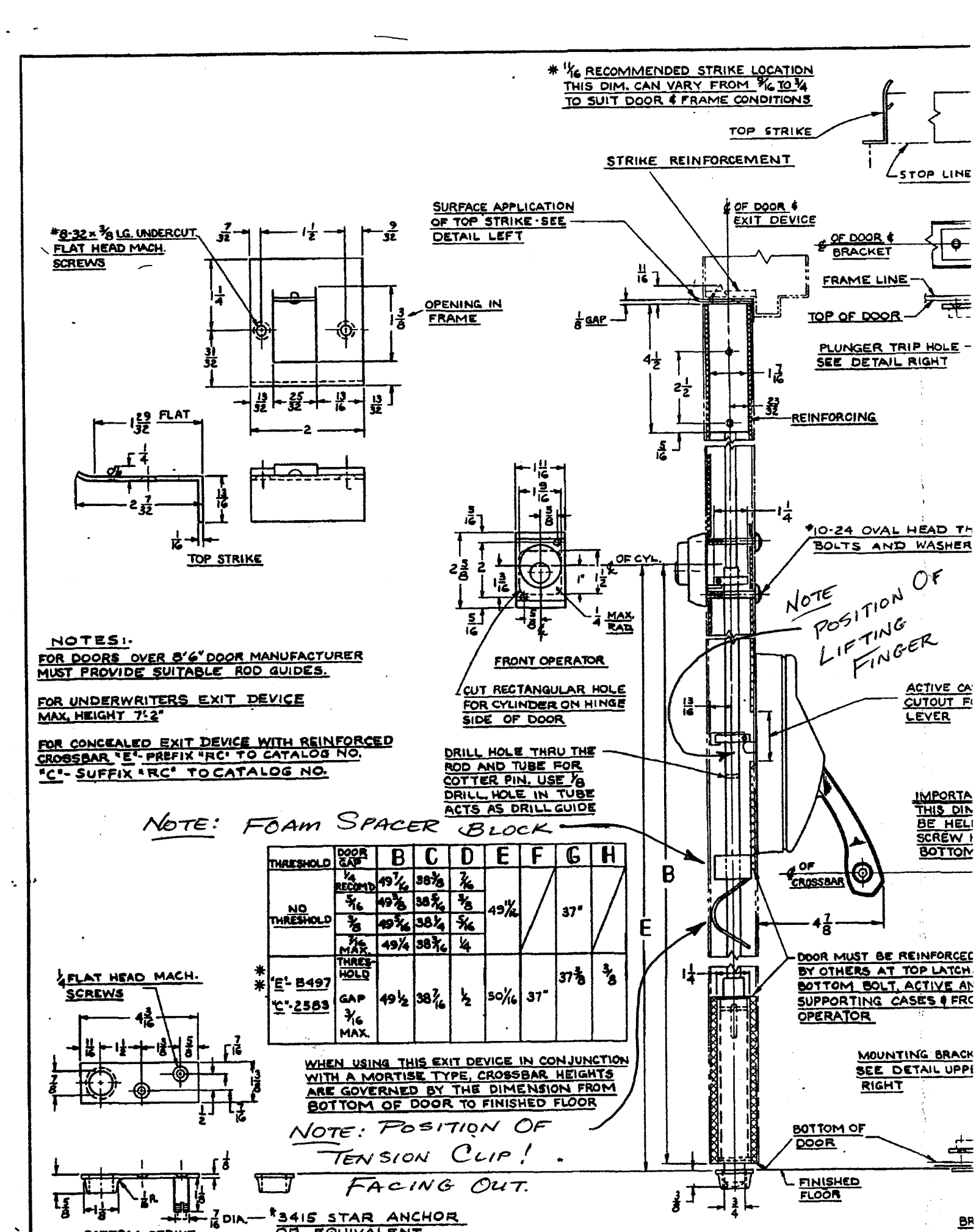
LET.	CHANGES	BY DATE	APP'D DATE

TEMPLATE DRAWING OF
RUSSWIN :- CH645 & UCH645
CORBIN :- 4065 & 4065U CONCEALED
EXIT DEVICES FOR 1 3/4 HOLLOW METAL DOORS
(NARROW LINE)

HARDWARE DIV. OF EMHART CORP. BERLIN, CONN.	DO NOT SCALE DRAWING

DR.	CK.	CH. DR.	ENG. APP.	LATEST CHANGE
B.D.	B.D.		HT	
DATE 12-17-82	12-17-82		9-23-83	

SUPERSEDES VT30117 DWG. NO. VT-30237



NOTES:

1. FOR DOORS OVER 8'6" DOOR MANUFACTURER MUST PROVIDE SUITABLE ROD GUIDES.

FOR UNDERWRITERS EXIT DEVICE MAX. HEIGHT 7'-2"

FOR CONCEALED EXIT DEVICE WITH REINFORCED CROSSBAR "E" - PREFIX "RC" TO CATALOG NO.
"C" - SUFFIX "RC" TO CATALOG NO.

THRESHOLD	DOOR GAP	B	C	D	E	F	G	H
NO THRESHOLD	1/4 RECOM'D	49 7/16	38 3/8	7/16	49 11/16		37"	
	5/16	49 3/8	38 5/16	3/8				
	3/8	49 5/16	38 1/4	5/16				
	7/16 MAX.	49 1/4	38 3/16	1/4				
* "E" - B497 * "C" - 2583	THRESHOLD GAP 3/16 MAX.	49 1/2	38 7/16	1/2	50 1/16	37"	37 3/8	3/8

WHEN USING THIS EXIT DEVICE IN CONJUNCTION WITH A MORTISE TYPE, CROSSBAR HEIGHTS ARE GOVERNED BY THE DIMENSION FROM BOTTOM OF DOOR TO FINISHED FLOOR