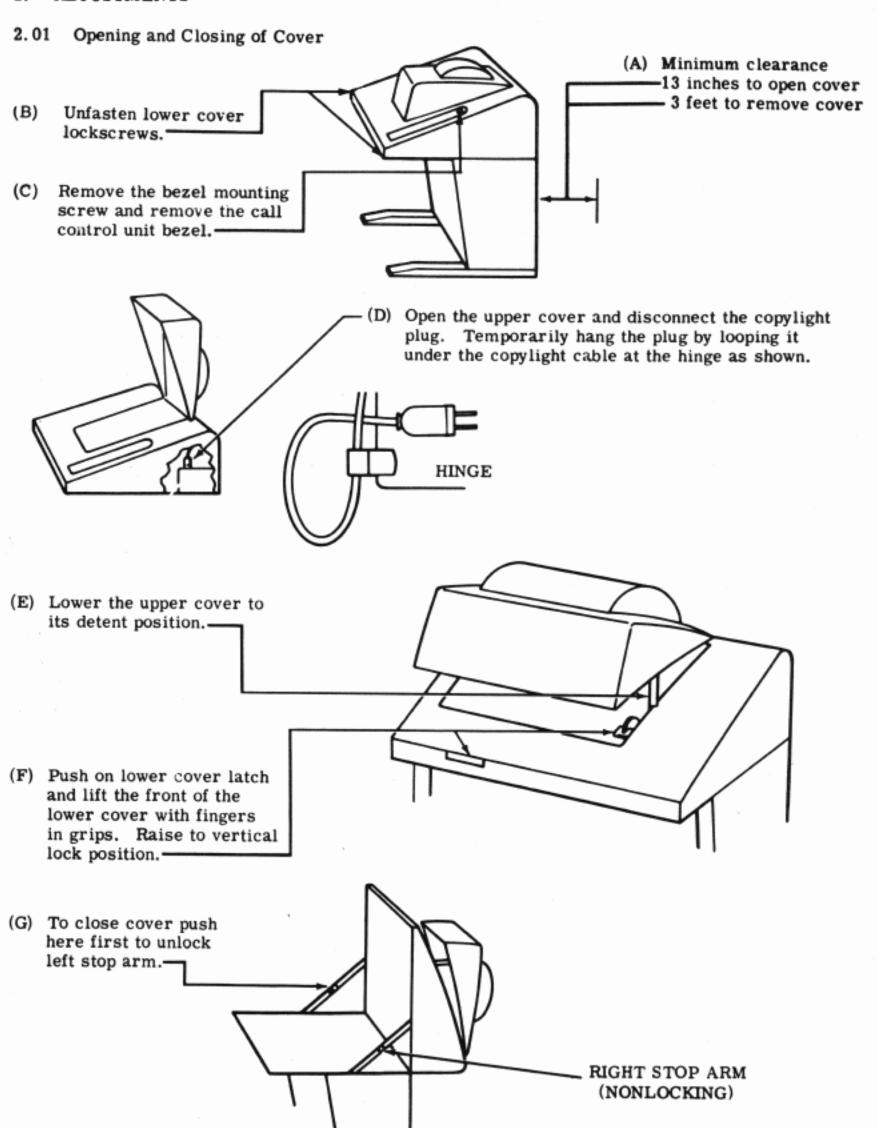
35 CABINETS FOR KEYBOARD SEND-RECEIVE AND RECEIVE-ONLY SETS

ADJUSTMENTS

	CONTENTS	PAGE	CONTENTS PAG
1.	GENERAL	. 1	Upper cover clearance (latched)
2.	ADJUSTMENTS	. 2	Upper cover position (front to rear) .
	Bubble latch plate (final)	. 11	Window door hinge mounts
	Bubble latch plate (preliminary)		Window (final)
	Bubble position front and rear (final) Bubble position front and rear	. 11	Window (preliminary)
	(preliminary)	. 7	
	Call control unit height	. 12	1. GENERAL
	Call control unit mounting bracket	. 12	
	Carriage return, line feed, and		1.01 This section is reissued to include re
	break lever (receive-only unit)		cent engineering changes and to add th
	Cleaning cabinets	. 12	35 wall mounted cabinet. Since this is a general
	Control panel	. 10	revision, marginal arrows are omitted.
	Copylamps	. 19	
	Copylight bracket and end-of-line lamp		1.02 The adjustments in this section are ar
	Counterbalance arm		ranged in a sequence that should be fol
	Cradle front to rear - earlier design		lowed if a complete readjustment is undertaker
	Cradle front to rear - later design .		A complete adjusting procedure should be rea
	Cradle height (final) - earlier design		before attempting to make the adjustment. Afte
	Cradle height (final) - later design .	. 9	an adjustment is completed, be sure to tighte
	Cradle height (preliminary) -	0	any nuts or screws that may have been loosened unless otherwise instructed.
	earlier design	. 8	uniess otherwise instructed.
	Cradle height (preliminary) -	. 9	1.03 The adjusting illustrations indicate toler
	later design		ances, positions of moving parts, sprin
	Framework mounted on backplate Front height of lower cover -	. 13	tensions and the angle at which scales should b
	later design	. 9	applied. The tools required to make adjustment
	Hinge mounts		and check spring tensions are not supplied wit
	Keytop cover (receive-only unit)		the equipment, but are listed in another section
	Keytop guide and cover (send-	. 10	Springs which do not meet the requirements, an
	receive unit)	. 17	for which there are no adjusting procedures
	Keytop guideplate hood		should be discarded and replaced by new springs
	(send-receive unit)	. 16	1.04 Where adjustment instructions call fo
	Latch		 Where adjustment instructions call fo removal of components, assemblies, sub
	Line guide copyholder		assemblies or parts, all adjustments which th
	Lower cover latch		removal of these parts might facilitate should b
	Lower door hinge mounts		made before the parts are replaced or as th
	Lower door latches		equipment is reassembled. When a part mounte
	Lower panel pivot post	. 14	on shims is removed, the number of shims an
	Opening and closing of cover	. 2,3	their location should be noted so that the identica
	Paper and form guide	. 11	pile-up can be made when the part is replaced.
	Paper guide		
	Power switch (receive-only unit)	. 17	1.05 References made to left or right, up o
	Upper apparatus mounting rack		down, front or rear, etc apply to the uni
	bracket (floor standing cabinets		in its normal operating position as viewed from
	only - old style only)	. 12	the operator's position in front of the unit

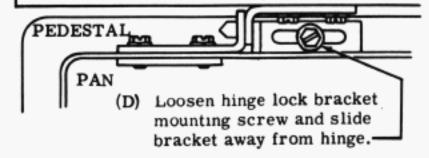
ADJUSTMENTS

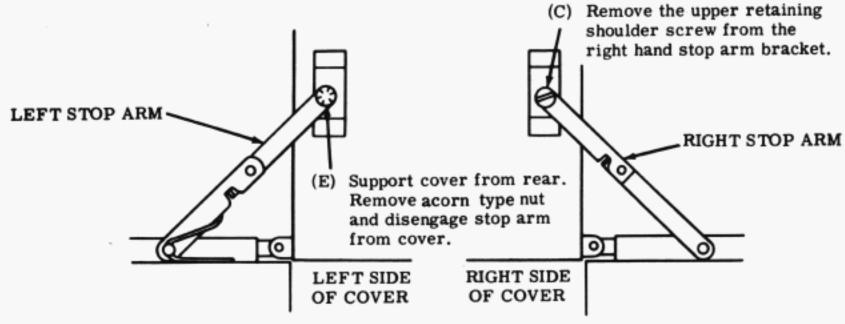


2.02 Opening and Closing of Cover (continued)



INSIDE BACK OF COVER IN OPEN POSITION (VIEW LOOKING STRAIGHT DOWN)





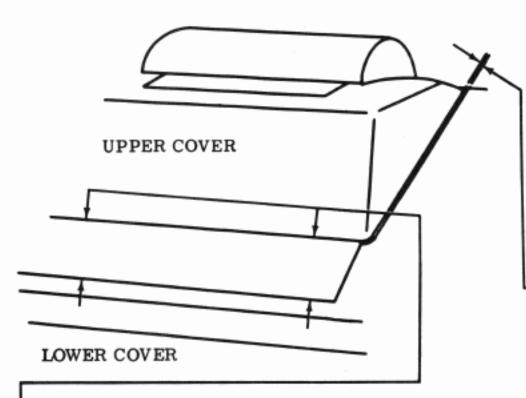


(F) Supporting the cover from the rear, remove by sliding sideways to separate hinges. The cover may be grasped as shown.

Note: Cover weighs approximately 39 pounds.

To replace cover, reverse removal procedure.

2.03 Upper Cover Arrangement



(A) UPPER COVER POSITION (FRONT TO REAR)

Requirement

Clearance between front of upper cover and edge of keyboard opening in lower cover (right and left ends of window depression) should be —Min 4-1/2 inches---Max 4-5/8 inches

(B) UPPER COVER CLEARANCE (LATCHED)

(1) Requirement

Rubber grommets should be slightly compressed.

(2) Requirement

There should be no metal-tometal contact between upper and lower covers.

(3) Requirement

Clearance between upper cover and lower cover should be

0.090 inch maximum at sides and 0.200 inch maximum at rear.

To Adjust

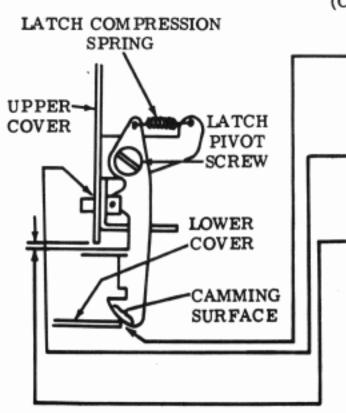
Position cover with two screws, that mount each hinge to lower cover, loosened.

Note: This adjustment should be made in conjunction with the latch adjustment.

To Adjust

Position cover with three screws, at each hinge that mounts upper cover, loosened. See COUNTERBALANCE ARM illustration.

(C) LATCH



(1) Requirement

Without depressing latch buttons as upper cover is lowered, camming surfaces of latches should contact lower cover.

(2) Requirement

 Latch button should not become disengaged from guide slot in cover when fully depressed.

(3) Requirement

All requirements of upper cover clearance adjustment should be met. Upper cover should latch closed with slight compression of rubber bumpers and no metal-to-metal contact.

To Adjust

Position both latches with their pivot screws loosened.

Note: This adjustment should be made in conjunction with the UPPER COVER CLEARANCE adjustment.

2.04 Upper Cover Arrangement (continued)

(D) COUNTERBALANCE ARM

(1) Requirement

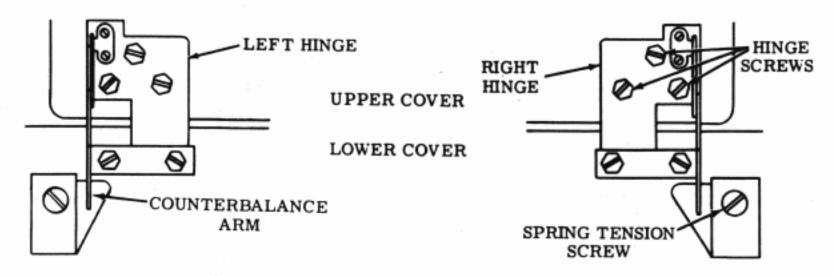
There should be no free fall of upper cover from any position to which it is opened.

(2) Requirement

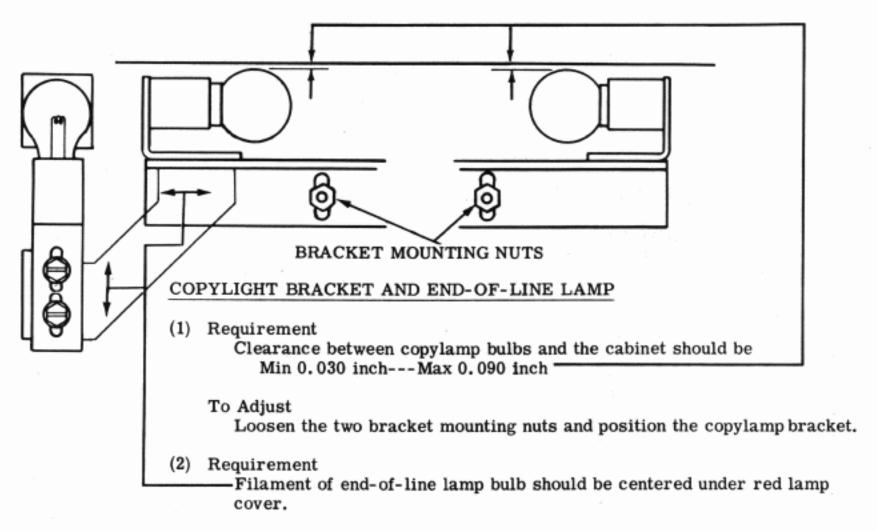
There should be some pressure required to close upper cover.

To Adjust

Tighten spring tension adjusting screws.



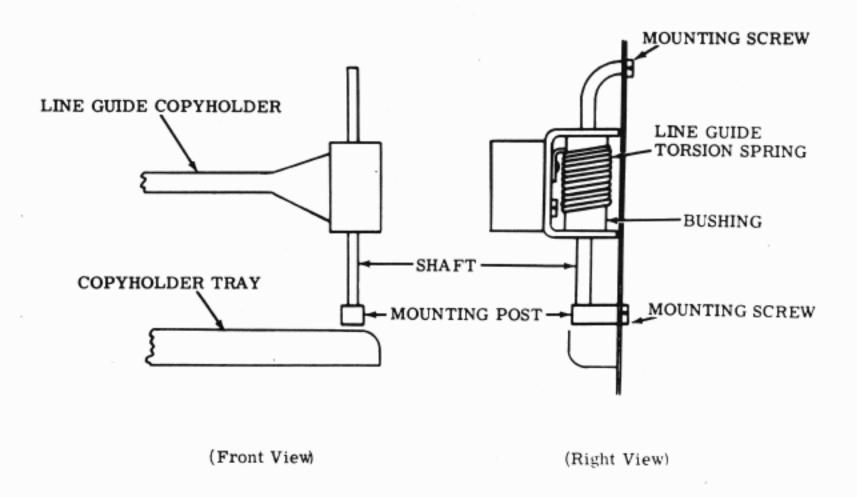
2.05 Copylight and Line Guide Copyholder



To Adjust

Loosen the two bracket mounting screws and position the end-of-line lamp bracket.

Copylight and Line Guide Copyholder (continued)



LINE GUIDE COPYHOLDER

Requirement

Tension of line guide copyholder should be just sufficient to hold copy in place and prevent the line guide copyholder from slipping down the shaft.

To Adjust

Remove two shaft mounting screws from inside cover and take off line guide copyholder. Remove line guide from shaft and rotate bushing in direction to increase or decrease torsion spring tension against line guide. Reassemble line guide and reinstall on cover.

2.07 Bubble and Window Position

 $\underline{\underline{\text{Note:}}}$ Adjustments on this page are preliminary. Final adjustments to be made with typing unit in place.

(C) WINDOW (PRELIMINARY)

(1) Requirement

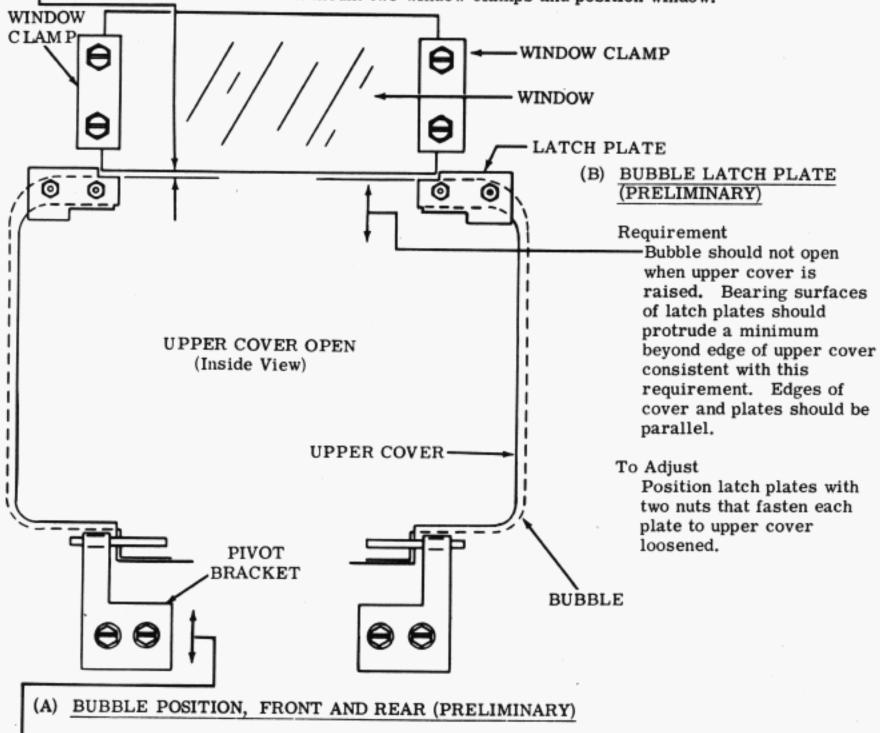
Clearance between rear edge of window and front edge of paper guide on bubble should be Min 0.045 inch---Max 0.095 inch

(2) Requirement

Clearance should not differ at each end of paper guide by more than 0.030 inch.

To Adjust

Loosen four screws which mount two window clamps and position window.

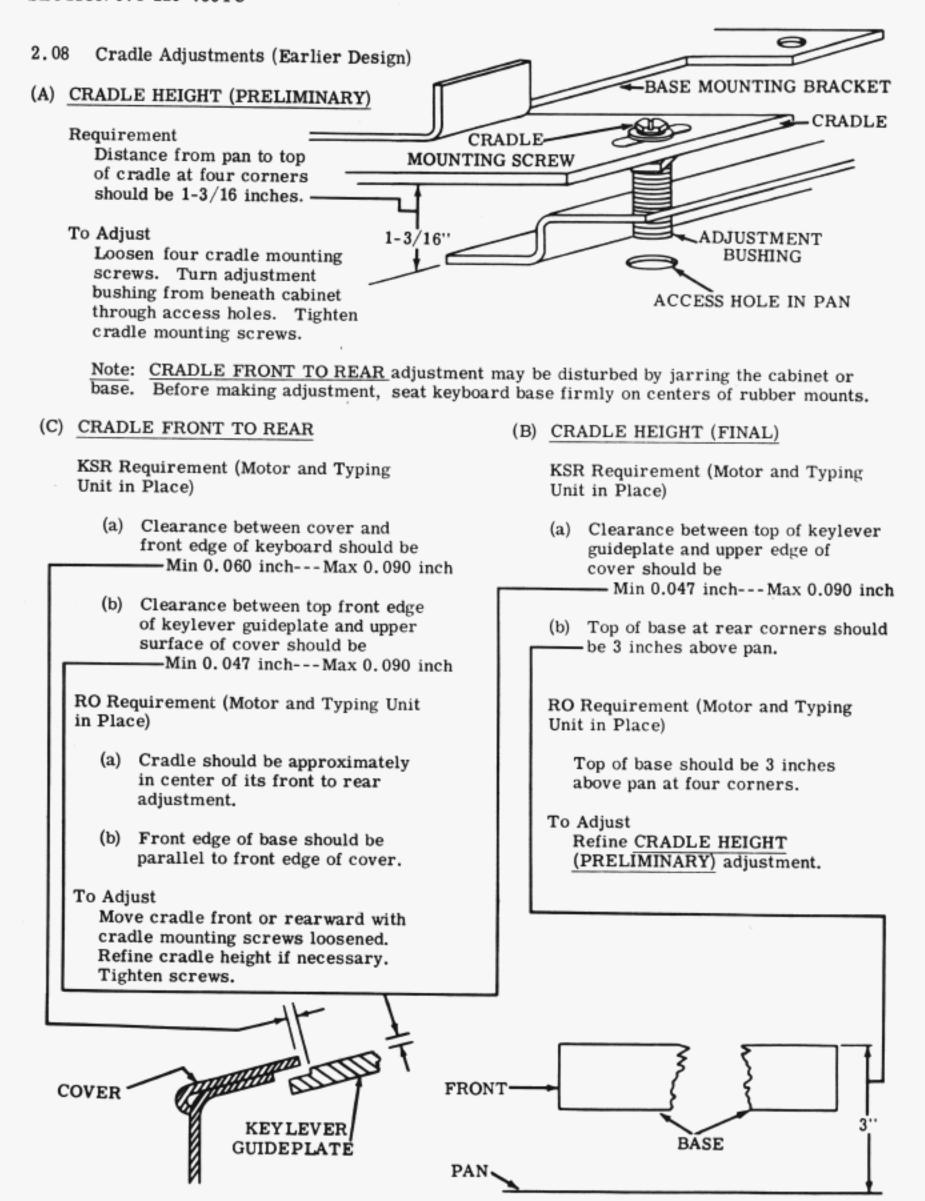


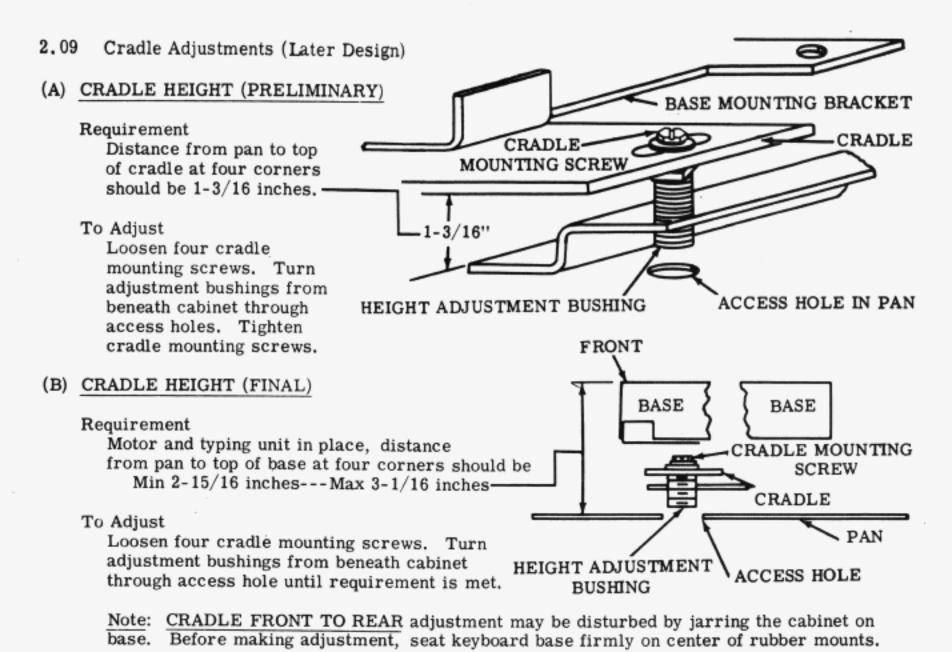
Requirement

- This bubble should be in the center of its frontmost and rearmost positions.

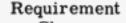
To Adjust

Loosen two mounting screws that mount each pivot bracket and position bubble, tighten screws.





(C) CRADLE FRONT TO REAR



Clearance between cover and front edge of keyboard should be

Min 0.060 inch--- Max 0.090 inch -

To Adjust

Move cradle to front or rear until requirement is met. Tighten cradle mounting screws.

(D) FRONT HEIGHT OF LOWER COVER

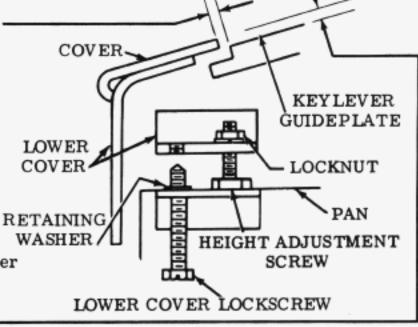
Requirement

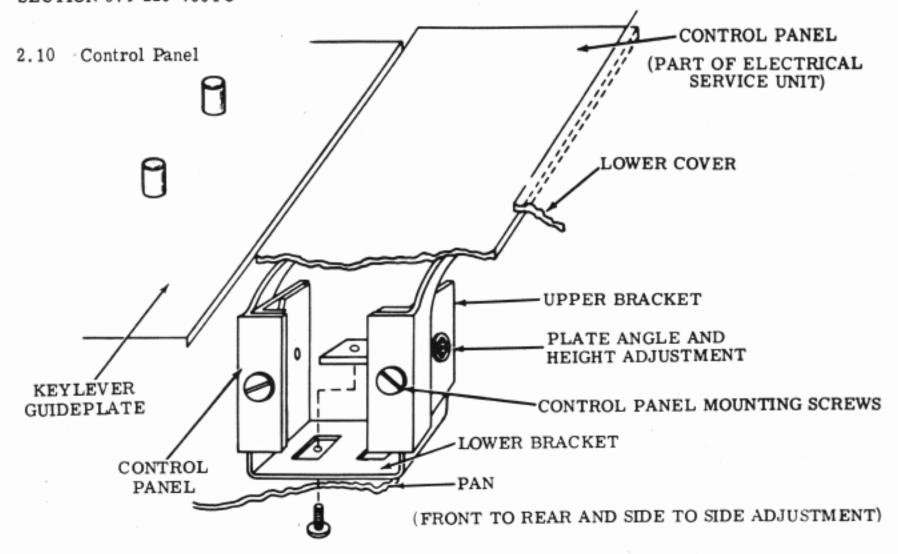
Clearance between upper edge of cover and top edge of keylever guideplate should be

Min 0.047 inch--- Max 0.090 inch-

To Adjust

Loosen locknut on height adjustment screw. Turn screw until requirement is met. Tighten locknut.





Note: Adjustments on this page may be disturbed by jarring the cabinet or base.

Before making adjustment seat keyboard base firmly on centers of rubber mounts.

CONTROL PANEL

KSR Requirements

- (a) Clearance between control panel tops and under surface of lower cover should be
 Min Panels may touch but not moved in excess of 0.015 inch by cover
 Max 0.060 inch
- (b) Clearance between keytop guideplate and adjacent control panels should be Min 0.060 inch---Max 0.090 inch

RO Requirements

- (a) Clearance between control panel tops and under surface of lower cover should be Min Panels may touch but not moved in excess of 0.015 inch by cover Max 0.060 inch
- (b) Keylevers that protrude through panel should be vertical and should not bind in openings in panel.

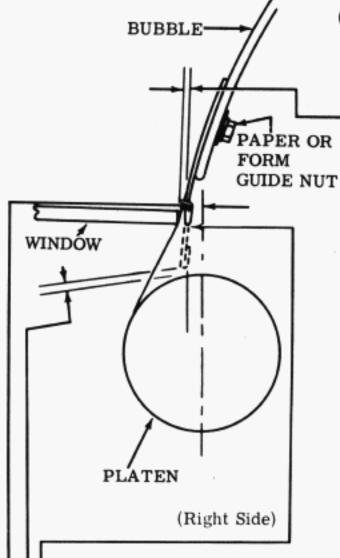
To Adjust (Earlier Design)

Loosen lower bracket mounting screws to friction tight and position brackets from left to right and front to rear. Loosen upper bracket mounting screws and adjust height and angle of control panels. Tighten screws. Make certain that cover rests on its support surfaces and not on control panels.

To Adjust (Later Design)

Loosen lower bracket mounting screws to friction tight and position brackets from left to right and front to rear. Loosen upper bracket mounting screws to friction tight and raise brackets to uppermost position. Lower the cover to push control panels down to proper positions. Raise cover and tighten mounting screws.

2.11 Paper and Form Guides



(D) WINDOW (FINAL)

Friction Feed Paper Guide Requirement

- (a) Clearance between rear edge of window and front edge of paper guide on bubble should be

 Min 0.045 inch---Max 0.095 inch
- (b) Clearance should not differ at each end of paper guide by more than 0.030 inch.

To Adjust

Loosen four screws that fasten window clamps (see 2.05) and position window. Tighten screws.

Sprocket Feed Form Guide Requirement

- (a) Clearance between rear edge of window and front edge of form guide on bubble should be Min 0.045 inch---Max 0.095 inch
- (b) Clearance should not differ at each end of paper guide by more than 0.030 inch. If stapled stationery is used, clearance should be increased to allow four or more copies to pass freely through paper emission slot.

To Adjust

Same as adjustment above.

(C) PAPER AND FORM GUIDE

Friction Feed Paper Guide Requirement

-Bottom edge of paper guide should be flush with bottom surface of window.

Sprocket Feed Form Guide Requirement

Clearance between form guide and platen should be

-Min 3/64 inch--- Max 5/64 inch

To Adjust

Position guide with three paper or form guide nuts loosened. Tighten nuts.

(A) BUBBLE POSITION FRONT AND REAR (FINAL)

Requirement

Front edge of paper or form guide should be about 1/4 inch in front of approximate center of platen. Form guide and bubble should clear all typing unit parts by at least 1/8 inch.

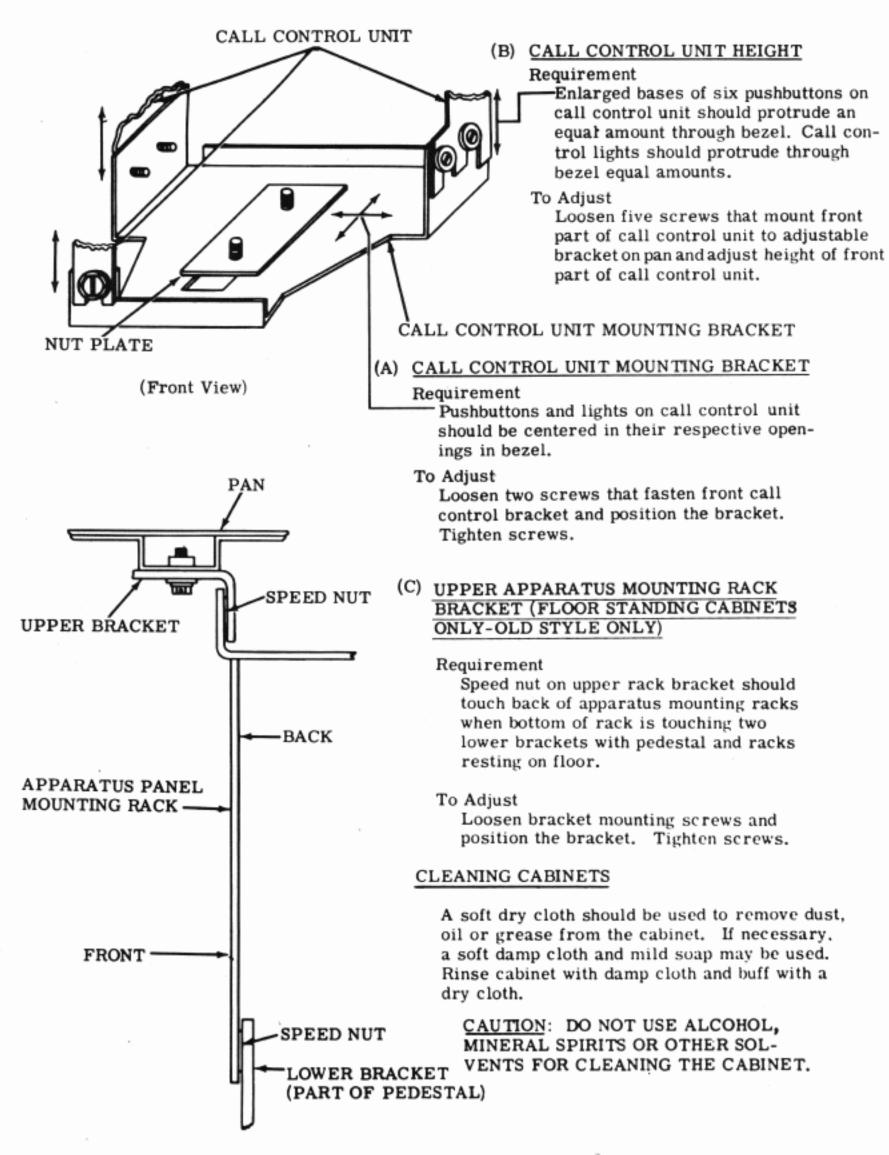
To Adjust

Loosen four mounting screws that mount bubble pivot brackets and position bubble (see 2.05). Tighten screws.

(B) BUBBLE LATCH PLATE (FINAL)

Refine 2.05, BUBBLE LATCH PLATE (PRELIMINARY), if necessary.

2.12 Call Control Unit Apparatus Mounting Rack



Page 12

2.13 Lower Cover Latch (Later Design Only)

LOWER COVER LATCH

BRACKET MOUNTING SCREWS

(1) Requirement Latching surface should be parallel as gauged by eye. -(2) Requirement Clearance between lower cover latch and latching surface should be Min some---Max 0.060 inch-To Adjust Loosen bracket mounting screws and latch mounting nut and make them friction tight. Position latch and bracket until requirements are met. Tighten mounting nut and mounting screws. LATCHING SURFACE ON LOWER COVER' MOUNTING NUT LOWER COVER LATCH LATCH BRACKET. PAN

2.14 Lower Panel Pivot Post

LOWER PANEL PIVOT POST

(1) Requirement

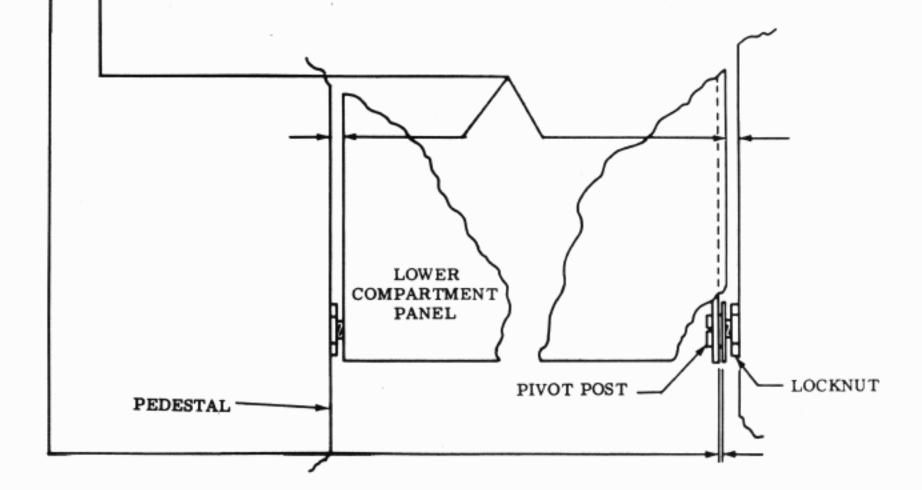
-Maximum endplay of lower compartment panel on its pivot post should be 0.030 inch.

(2) Requirement

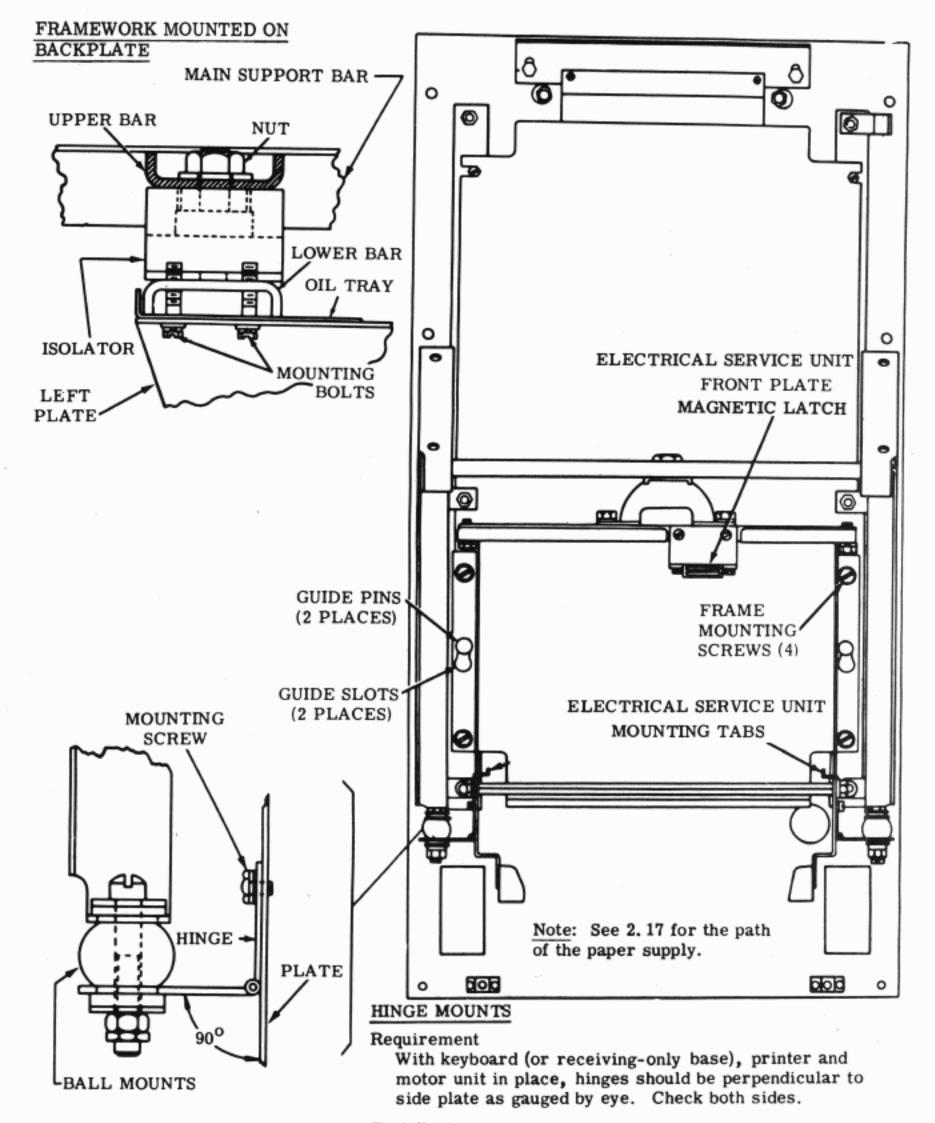
-Clearance at sides of lower compartment panel with endplay taken up in one direction should not differ by more than 0.045 inch.

To Adjust

Lower panel until engaged with the pivot posts. Loosen locknuts. Position pivot posts until requirements are met. Tighten locknuts.

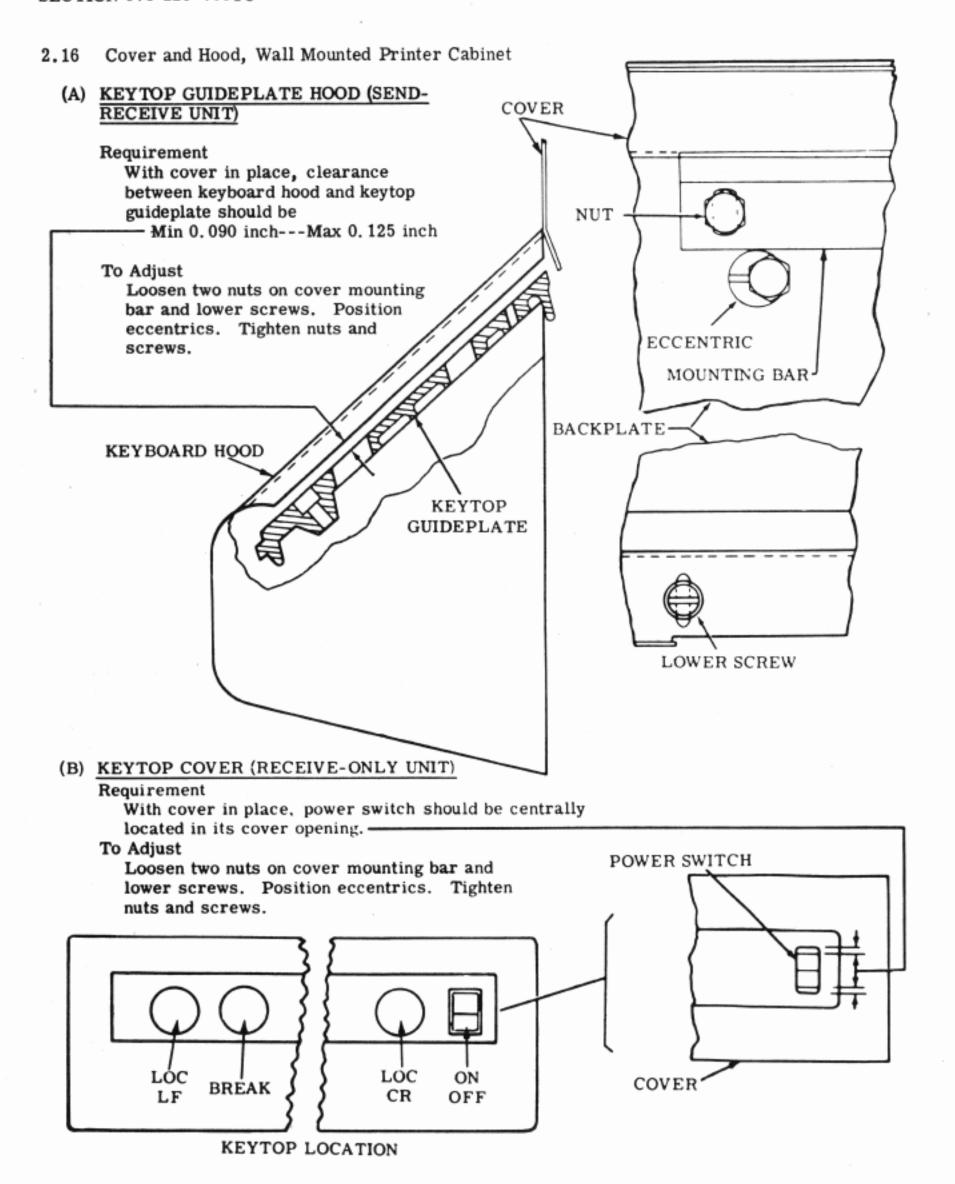


2.15 Vibration Hinge Mounts, Wall Mounted Printer Cabinet



To Adjust

Position hinges up or down with mounting screws loosened. Tighten screws.



COVER

2.17 Cover and Power Switch, Wall Mounted Printer Cabinet

(A) KEYTOP GUIDE AND COVER (SEND-RECEIVE UNIT)

(1) Requirement

With cover in place, clearance between rear edge of keytop guide and lip of cover should be Min 0.090 inch---Max 0.125 inch-----

(2) Requirement

Clearance should be parallel as gauged by eye.

To Adjust

With nut which secures large central mount loosened, position upper support bar by means of its elongated slot. Tighten nut.

To Adjust

If parallel condition is not met by above adjustment, loosen four bolts securing lower support bar. Position lower support bar. Tighten bolts.

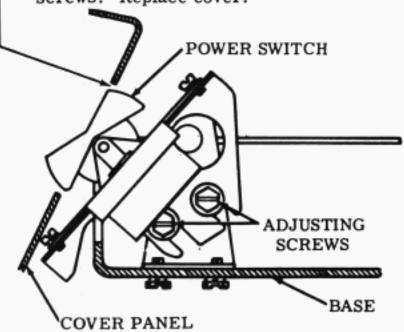
(B) POWER SWITCH (RECEIVE-ONLY UNIT)

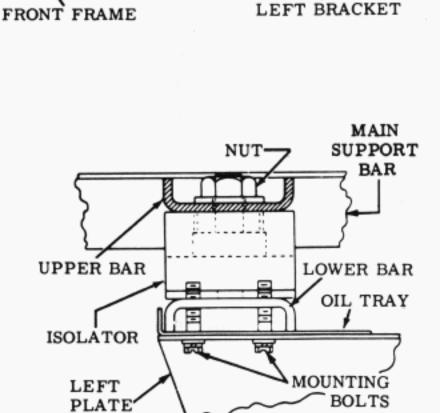
Requirement

-With cover in place, deflected surface of power switch, indicating either on or off, should be flush with cover surface.

To Adjust

With cover removed and adjusting screws friction tight, position switch. Tighten screws. Replace cover.





KEYTOP GUIDE

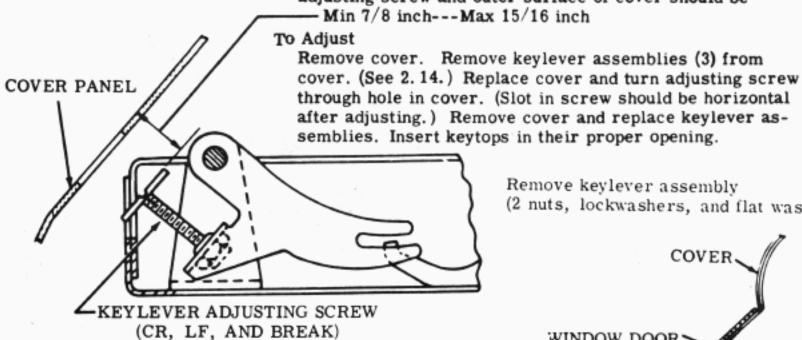
Note: Should additional adjustment be needed, loosen bolts securing large central mounting bracket and position upper bar.

2.18 Cover Door Latches and Hinge Mounts, Wall Mounted Printer Cabinet

(A) CARRIAGE RETURN, LINE FEED. AND BREAK LEVER (RECEIVE-ONLY UNIT)

Requirement

With cover in place, clearance between surface of lever adjusting screw and outer surface of cover should be - Min 7/8 inch---Max 15/16 inch



Remove keylever assembly (2 nuts, lockwashers, and flat washer).

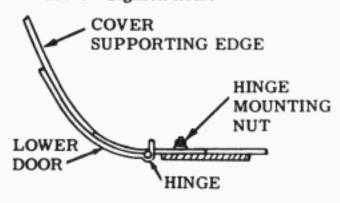
(B) WINDOW DOOR HINGE MOUNTS

Requirement

Window door should lie flat on supporting edges of cabinet as gauged by eye.

To Adjust

Loosen two nuts on each hinge. Position door. Tighten nuts.



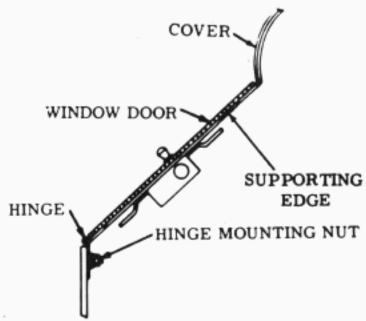
(D) LOWER DOOR LATCHES

Requirement

Door should latch solidly with magnetic latch and lie flat against cover.

To Adjust

Loosen latch screws. Position latches. Tighten screws.



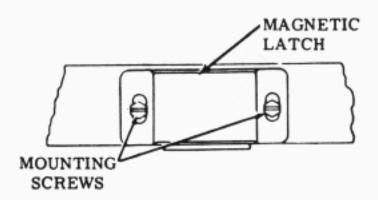
(C) LOWER DOOR HINGE MOUNTS

Requirement

Door should lie flat against cover.

To Adjust

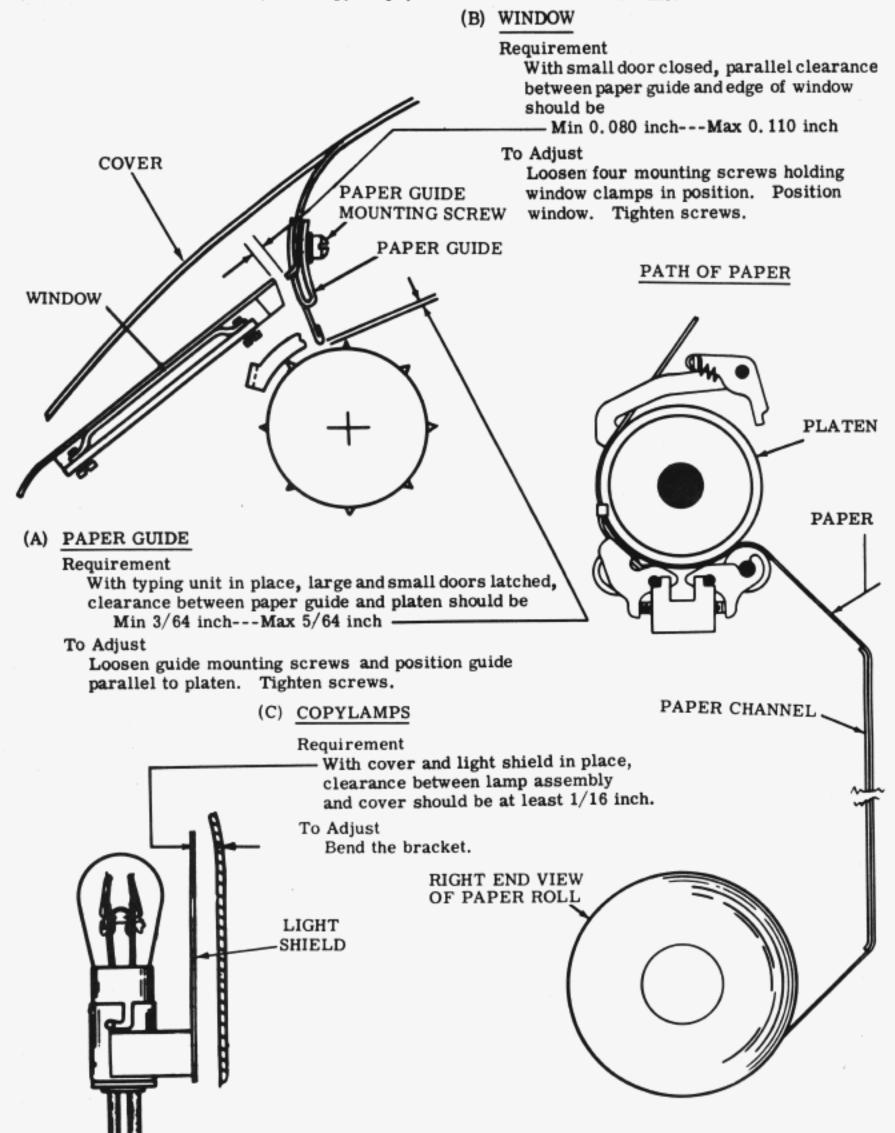
Loosen two nuts on each hinge. Position door. Tighten nuts.



SMALL COPYHOLDER (WITH LINE GUIDE)

Requirement See 2.04.

2.19 Paper Guide, Window, and Copylamps, Wall Mounted Printer Cabinet



Page 19 19 Pages