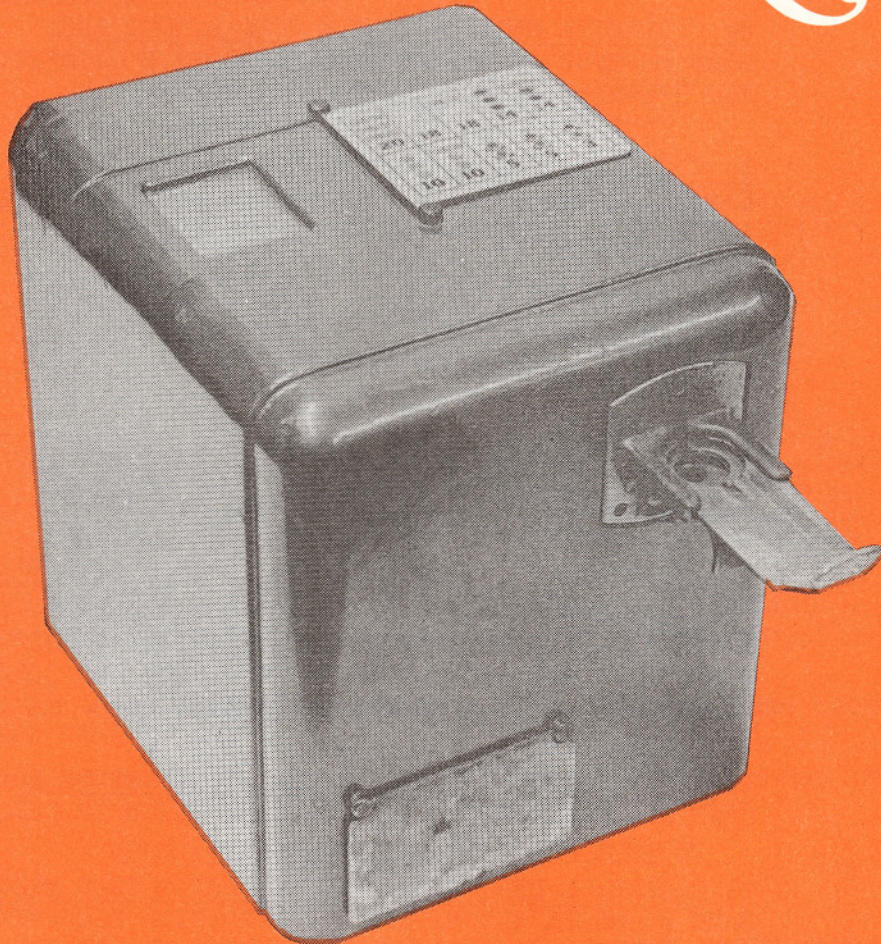


MODEL CODE
GENERAL INSTRUCTIONS & PART NUMBERS FOR

MILLS

Vest Pocket BELL



Slot Machine

MISCELLANEOUS UNITS

<u>MODEL NO.</u>	<u>DESCRIPTION</u>
420	<u>5¢ FRUIT REELS - GOLD AND BLUE MIDGET BELL</u> THIS MACHINE HAS COIN SLIDE ACTION. 5¢ SIZE 3-5 PAYOUT - 3 REELS WITH FRUIT STRIPS - REELS CONTROL PAYOUT WITH PAYOUT COVER ON BLUE AND GOLD CASE. (SPECIAL ORDERS FURNISHED WITH LOCK PAYOUT COVER.)
420-C	<u>5¢ FRUIT REELS - CHROME MIDGET BELL</u> SAME AS MODEL 420 EXCEPT FOR CASE WHICH IS CHROME FINISH.
421	<u>5¢ CIGARETTE REELS - BLUE & GOLD MIDGET BELL</u> SAME AS MODEL 420 EXCEPT EQUIPPED WITH CIGARETTE REEL STRIPS AND REWARD PLATE.
421-C	<u>5¢ CIGARETTE REELS - CHROME MIDGET BELL</u> SAME AS MODEL 420 EXCEPT EQUIPPED WITH CIGARETTE REEL STRIPS AND REWARD PLATE. CASE IS CHROME FINISH.
422	<u>5¢ FRUIT REELS - JACKPOT - BLUE & GOLD MIDGET BELL</u> SAME AS MODEL 420 EXCEPT EQUIPPED WITH 20 PLUS JACKPOT REWARD PLATE AND JACKPOT REGISTER.
422-C	<u>5¢ FRUIT REELS - JACKPOT - CHROME MIDGET BELL</u> SAME AS MODEL 420 EXCEPT EQUIPPED WITH 20 PLUS JACKPOT REWARD PLATE AND JACKPOT REGISTER. CASE IS CHROME FINISH.
423	<u>1¢ FRUIT REELS - JACKPOT - BLUE & GOLD MIDGET BELL</u> THIS MACHINE HAS COIN SLIDE ACTION - 1¢ SIZE - 3-5 PAYOUT - 3 REELS WITH FRUIT STRIPS - REELS CONTROL PAYOUT - SPECIAL REWARD PLATE AND JACKPOT REGISTER - BLUE AND GOLD CASE. (SPECIAL ORDERS WITH LOCK PAYOUT COVER.)
423-C	<u>1¢ FRUIT REELS - JACKPOT - CHROME MIDGET BELL</u> SAME AS MODEL 423 EXCEPT FOR CASE WHICH IS CHROME FINISH.
424	<u>1¢ CIGARETTE REELS - JACKPOT - BLUE & GOLD MIDGET BELL</u> SAME AS MODEL 423 EXCEPT EQUIPPED WITH CIGARETTE REEL STRIPS.
424-C	<u>1¢ CIGARETTE REELS - JACKPOT - CHROME MIDGET BELL</u> SAME AS MODEL 423 EXCEPT EQUIPPED WITH CIGARETTE REEL STRIPS. CASE IS CHROME FINISH.
425	<u>5¢ CIGARETTE REELS - JACKPOT - BLUE & GOLD MIDGET BELL</u> SAME AS MODEL 420 EXCEPT EQUIPPED WITH CIGARETTE REEL STRIPS, 20 PLUS JACKPOT REWARD PLATE AND JACKPOT REGISTER.
425-C	<u>5¢ CIGARETTE REELS - JACKPOT - CHROME MIDGET BELL</u> SAME AS MODEL 420 EXCEPT EQUIPPED WITH CIGARETTE REEL STRIPS, 20 PLUS JACKPOT REWARD PLATE AND JACKPOT REGISTER. CASE IS CHROME FINISH.

GENERAL INSTRUCTIONS FOR MILLS VEST POCKET BELL

HOW TO LOAD MACHINE FOR OPERATION

REMOVE MECHANISM FROM CASE (FIG. #1). INSERT COIN INTO CHUTE AND PUSH COIN SLIDE IN AS FAR AS IT WILL GO. WITH COIN SLIDE IN THIS POSITION INSERT COINS IN COIN TUBE THROUGH RECTANGULAR OPENING IN TUBE (FIG. #2) CONTINUE TO PUT IN COINS UNTIL A COIN IS VISIBLE IN RECTANGULAR SLOT. (APPROXIMATELY 39 COINS) AFTER COIN TUBE IS LOADED, COMPLETE PLAY OF MECHANISM BY PULLING OUT COIN SLIDE. THIS OPERATION WILL PLAYOUT MECHANISM.

REPLACING MECHANISM IN CASE

(REFER TO FIG. #1)

REPLACE MECHANISM AND BE SURE THAT THE MECHANISM PROPER RESTS IN POSITION ON 2 RAILS AND DROPS INTO POSITION ON TWO STUDS IN SIDE OF THE CASE.

NOTE: - USE CARE WHEN REPLACING MECHANISM INTO CASE, SO THAT REELS DO NOT TOUCH TOP OR SIDE OF CASE, SO AS NOT TO DAMAGE REEL STRIPS.

HOW TO DRAIN CONTENTS OF MACHINE AND SET REELS FOR VARIOUS COMBINATIONS WHEN TESTING AND ADJUSTING MACHINE

(REFER TO FIG. #3 & #4)

REMOVE MECHANISM FROM CASE - PULL BACK REEL PLUNGER LEVER (#93 - FIG. #3) AND HOLD AGAINST MECHANISM PLATE - WHILE HOLDING THIS LEVER TURN REELS TO A PAYOUT COMBINATION - THEN PULL BACK PAYOUT LEVER & PAWL (#33 - FIG. #4) UNTIL IT ENGAGES #17 - RELEASE #93. REPEAT THIS OPERATION UNTIL MACHINE IS EMPTIED.

HOW TO ADJUST REEL STOPS

(REFER TO FIG. #5)

MOVE MAIN OPERATING LEVER #25 TOWARD END PLATE (BY HAND). PULL OUT REEL STOP CARRIER #66 (BY HAND) UNTIL REEL STOP #64 ENGAGES IN REEL STOP SUPPORT #67. ALLOW MAIN OPERATING LEVER #25 TO MOVE BACK VERY SLOWLY BY HOLDING CLOCK FAN. AS MAIN OPERATING LEVER RAISES REEL STOP CAM #65. REEL STOP #64 SHOULD SNAP FORWARD. IF IT FAILS TO DO SO THE CAM #65 IS SET TOO HIGH OR LOW ON REEL STOP. ADJUST BY HOLDING LEADING EDGE ON MAIN OPERATING LEVER DIRECTLY UNDER CAM #65. LOOSEN THE LARGE SCREW ON REEL STOP. HOLD REEL STOP UP AGAINST REEL STOP SLOTS IN BRACKET #67. LOWER CAM #65 UNTIL IT BARELY TOUCHES THE MAIN OPERATING LEVER #25. THEN TIGHTEN SCREW. BACK UP MAIN OPERATING LEVER DET. #25 AND REPEAT TEST PER THE ABOVE INSTRUCTIONS; USE A SPECIAL WRENCH #45 TO ADJUST CAM #65. REPEAT TEST FOR EACH REEL STOP.

SPECIAL GAGE #28 AND WRENCH #45 FOR SETTING PAYOUT AND ADJUSTING REEL STOP CAN BE SUPPLIED AT 50¢ AND 25¢ RESPECTIVELY.

NOTE:- REMOVE FLAT SPRING BEFORE ADJUSTING CAM #65 TO PREVENT BENDING SPRING OUT OF SHAPE.

CLOCK FAN ADJUSTMENT FOR ANTI-CHEAT & TIMING

(SEE FIG. #7 ENCIRCLED)

TO ADJUST CLOCK FAN WITH #26 OPERATING LEVER & ADJUSTMENT BRACKET, INSERT COIN IN COIN SLIDE, PUSH IN COIN SLIDE. THIS OPERATION WILL BRING OUT #26 APPROXIMATELY TO CENTER OF CLOCK FAN. FORM FAN ENDS AS SHOWN IN FIGURE #7 ENCIRCLED. THIS ADJUSTMENT TIMES REELS SO THAT REELS ARE SPINNING FREELY WHEN REEL STOP #64 (FIG. #5) ENGAGES 3RD REEL WHILE 3RD REEL IS IN MOTION. FAN TO PLAY OUT AFTER 3RD REEL IS ENGAGED.

CAUTION:- WHEN FORMING FAN ENDS, CHECK #26 TO PREVENT #26 FROM STICKING. PROPER FORMING OF FAN WILL PREVENT THIS.

TO ADJUST ECCENTRIC WITH PAYOUT LEVER

(SEE ADJUSTMENT INSTRUCTION "A" FIG-7)

INSERT COIN IN COIN SLIDE - PULL OUT TO EXTREME POSITION BEFORE FAN KICKS OFF. SET ECCENTRIC TO ALLOW A SLIGHT CLEARANCE (APPROX. 1/64") BETWEEN PARTS SHOWN.

WHEN MECHANISM FAILS TO PAYOUT

(A) CHECK TO SEE THAT THERE ARE PLENTY OF COINS IN THE COIN TUBE AND THAT THEY LAY FLAT IN TUBE.

WHEN MECHANISM FAILS TO PAYOUT (CONT'D)

(B) CHECK TO SEE THAT COIN WIRES 91 (FIG. #4) WILL SPREAD EASILY TO ALLOW COINS TO EJECT FROM TUBE. TENSION ON THESE WIRES SHOULD BE SUCH THAT WIRES ARE HELD SNUG AGAINST EDGE OF HOLE NEAREST CENTER OF COIN TUBE.

(C) CHECK TO SEE THAT PAYOUT SLIDE #22 (FIG. #4) IS NOT BENT OR JAMMED IN THE COIN TUBE CASTING #12.

(D) CHECK TO SEE THAT PLUNGER ROD ASSEM. #93 (FIG. #3) IS NOT JAMMED IN THE 1ST REEL ASSEM. NOTE:- PLUNGER ROD ASSEM. MUST ENTER INTO HOLES IN REELS (FIG. #3) IN ORDER TO OBTAIN A PAYOUT.)

(E) (FIG. #4) CHECK TO SEE THAT PAYOUT TRIP LEVER #34 HAS BEEN TRIPPED. WHEN THIS LEVER HAS BEEN TRIPPED, IT SHOULD REST ON THE END PLATE. IF THIS LEVER HAS BEEN TRIPPED THE TROUBLE WILL BE FOUND IN THE ABOVE PARAGRAPHS. IF THIS LEVER HAS NOT BEEN TRIPPED, CHECK TO SEE WHETHER THE LEVER TRIPS EASILY. IF IT DOES NOT TRIP EASILY, ADJUST PAYOUT LEVER STOP #15 (FIG. #4).

WHEN MECHANISM FAILS TO PAYOUT CORRECT NUMBER OF COINS

(REFER TO FIG. #3, #6, #7, #8)

(A) SET REELS IN A NON-PAYOUT POSITION. CHECK ELEVATOR #24 (FIG. #6) POSITION WITH GAUGE #88 (FIG. #7) MOVE PLUNGER ASSEM. #93 (FIG. #3) FORWARD AND NOTE WHETHER ELEVATOR CHANGES SETTING. IF ELEVATOR #24 (FIG. #6) IS NOT SET ACCORDING TO GAUGE, LOOSEN SCREWS ON ELEVATOR CAM #38 (FIG. #8) AND RAISE OR LOWER CAM TO SUIT GAUGE ON ELEVATOR #24 (FIG. #6) WHEN TIGHTENING SCREWS IN ELEVATOR CAM #38 (FIG. #8), CAM MUST BE HELD PERFECTLY HORIZONTAL. IF THIS IS NOT DONE THE ELEVATOR #24 (FIG. #6) WILL RAISE OR LOWER. CHECK BY MOVING PLUNGER ASSEM. #93 (FIG. #3) FORWARD.

(B) SET REELS IN A 5 PAYOUT POSITION. ALLOW PLUNGER ASSEM. #93 (FIG. #3) TO ENTER INTO REELS. CHECK ELEVATOR POSITION WITH GAUGE. IF THE ELEVATOR #24 IS NOT LOWERED TO THE CORRECT POSITION, RE-ADJUST STOP #39 TO SECURE CORRECT ELEVATOR POSITION (FIG. #3). IF THE CORRECT POSITION OF ELEVATOR CAN NOT BE SECURED WITH AN ADJUSTMENT OF STOP #39, THEN ELEVATOR CAM #38 MUST BE ADJUSTED FORWARD OR BACKWARD, BUT USING CARE NOT TO RAISE OR LOWER IT. AFTER 5 PAYOUT POSITION IS CORRECT RE-CHECK 3 PAYOUT POSITION PER INFORMATION ABOVE.

(C) IF AFTER CHECKING ELEVATOR POSITIONS AND THEY ARE FOUND TO BE CORRECT, AND PAYOUT IS STILL INCORRECT, THEN THE TROUBLE IS THAT SEVERAL THIN OR UNDERSIZED COINS HAVE BEEN PLAYED IN SUCCESSION, AND STACKING UP IN YOUR COIN TUBE. THE PAYOUT THEREFORE WOULD NOT BE CORRECT AS THE AREA COVERED BY THIN COINS DO NOT COVER CORRECT AREA OF STANDARD SIZED COINS.

MR. OWNER:

ALWAYS BEAR IN MIND THAT YOU LOSE MONEY WHEN THIS MACHINE IS OUT OF SERVICE. BY FOLLOWING THE SIMPLE SUGGESTIONS WRITTEN BELOW YOU CAN DOUBLE THE LIFE OF THE MACHINE AND INCREASE YOUR PROFITS.

IMPORTANT

(1) BEFORE MAKING ANY ADJUSTMENTS FOR ANY TROUBLES WHICH MAY ARISE, FIRST CHECK TO SEE THAT ALL SPRINGS ARE IN PLACE AND ARE NOT DEFORMED, OR BROKEN. ALSO CHECK TO SEE THAT ALL SCREWS ARE TIGHT. IF SCREWS ARE FOUND LOOSE AND THEY CONTROL AN ADJUSTMENT THEN THAT PARTICULAR ADJUSTMENT MUST BE CHECKED BEFORE TIGHTENING SCREWS PER GENERAL INSTRUCTIONS.

(2) COIN CHUTE: ALWAYS KEEP THE COIN CHUTE CLEAN. OCCASIONALLY LINT AND DIRT FROM THE PLAYER'S POCKET IS DROPPED INTO THE CHUTE WITH THE COINS. THIS ACCUMULATES AND CAUSES CLOGGING. TO OVERCOME THIS, THE PLAYER POUNDS THE CHUTE AND FREQUENTLY DAMAGES IT AND STRAINS OTHER PARTS OF THE MECHANISM. IT IS SUGGESTED THAT YOU DISMANTLE COIN MECHANISM FROM BALANCE OF MACHINE AND CLEAN THOROUGHLY WITH GASOLINE AND A TOOTH BRUSH. BEFORE REPLACING COIN SLIDE IN MACHINE, PLACE COIN IN SLIDE AND PUSH ALL THE WAY IN AND THEN COAT LIGHTLY WITH VASELINE ON BOTH SIDES OF THE EXTENDED PORTION OF THE SLIDE.

(3) CLOCK: KEEP SMALL PINIONS ON CLOCK WELL OILED. CLEAN THE CLOCK FREQUENTLY WITH GASOLINE, REMOVING ALL GRIT FROM THE TEETH OF THE PINIONS. THEN PUT A FEW DROPS OF "3 IN 1" OIL OR ANY OTHER GOOD GRADE OF SEWING MACHINE OIL ON EACH PINION. DO NOT USE CHEAP HEAVY LUBRICATING OIL FOR THIS PURPOSE.

(4) OILING: OCCASIONALLY OIL THE SLIDE BAR AND REEL BEARINGS WITH LIGHT GRADE 3 IN 1 OIL OR EQUIVALENT. NOTE:- A FEW DROPS IS SUFFICIENT. DO NOT GET OIL ON REEL STRIPS. PERIODICALLY OIL ALL BEARING SURFACES WITH 3 IN 1 OIL.

<u>DESIGNATION NUMBER</u>	<u>PART NO.</u>	<u>EACH</u>	<u>DESCRIPTION</u>
1	MMB-151-A-CSP	\$2.50	DOOR & HINGE ASSEM. (BLUE & GOLD)
2	MMB-150-A-CSP	9.00	CASE (PLAIN WITHOUT DOORS & ACCESSORIES)
3	MMB-7	.75	REWARD COVER (FRUIT 3-5-5 PAYOUT - BLUE & GOLD)
	MMB-129-A	.75	REWARD COVER (FRUIT CHROME 3-5-5 PAYOUT - PLUS)
4	STD-32	.10	SPECIAL SCREW (BLUE & GOLD) (USE ABOVE WITH (4) D-438 & (4) #1206 SHAKEPROOF LOCKWASHER)
5	MODEL 274-C	2.50	LOCK ASSEM.
6	MMB-8-A	.20	GLASS FRAME
7	MMB-5-A	.35	REEL GLASS
8	STD-566	.15	RUBBER VACUUM CUP
	CM-542	.15 DZ.	HEXAGON NUT
		.10 DZ.	#1208 SHAKEPROOF LOCKWASHER
9	MMB-172- -CSP	1.25	CASH BOX ASSEM.
10	MMB-72	.25	CASH BOX COVER
11	MMB-201- -POA	6.00	COIN DEVICE & ROLLER ASSEM. (5¢)
12	MMB-154-B-CSP	3.50	COIN TUBE & WIRE ASSEM. (5¢)
13	MMB-152- -CSP	4.00	MECHANISM BASE & ELEVATOR SHAFT ASSEM.
14	MSG-101	.05	EXTENSION SPRING
15	MMB-22	.10	PAYOUT LEVER STOP PAWL
16	MMB-21	.15	PAYOUT LEVER STOP LINK
17	MMB-19-A	.05	PAYOUT LEVER PAWL BRACKET
18	MMB-58	.15	COIN SLIDE CARRIER RESET ARM
19	STD-41	.05	TORSION SPRING
20	STD-294	.10	SHOULDER SCREW
	STD-367	.15 DZ.	SPECIAL HEX. NUT
21	CS-142	.05	EXTENSION SPRING
22	MMB-16-A	.75	PAYOUT SLIDE
23	STD-537	.05	EXTENSION SPRING
24	MMB-155- -CSP	2.00	ELEVATOR & ROLLER ASSEM.
25	MMB-158-A-CSP	1.00	MAIN OPERATING LEVER ASSEM.
26	MMB-183- -CSP	.50	OPER. LEVER ADJUSTMENT BRACKET & PIN ASSEM.
27	STD-63	.15	ECCENTRIC BUSHING
28	MMB-82	.60	GAGE 5¢
29	PT-345	.10	EXTENSION SPRING
30	MLB-2870	.15	EXTENSION SPRING
31	JR-1383	.10	EXTENSION SPRING
32	MLB-1091	.15	EXTENSION SPRING
33	MMB-156- -CSP	.75	PAYOUT LEVER & PAWL ASSEM.
34	MMB-157- -CSP	.50	PAYOUT TRIP LEVER & HUB ASSEM.
35	STD-101	.10	SHOULDER SCREW

DESIGNATION NUMBER	PART NO.	EACH	DESCRIPTION	
36	STD-22	\$.25 DZ.	PIN	
37	MMB-202- -POA	1.75	REEL PLUNGER & SLIDE ASSEM. (5¢)	
38	MMB-27	.40	ELEVATOR CAM (5¢)	
39	MMB-30	.10	REEL PLUNGER STOP (5¢)	
40	MMB-187- -CSP	1.75	MECHANISM FRAME ASSEM. (REGULAR) (WITHOUT JACKPOT)	
41	STD-301	.10	SPACER	
	STD-36-B	.25	SHAFT	
42	STD-44	.10	EXTENSION SPRING	
43	STD-24	.10	PIN	
44	STD-316	.10	TORSION SPRING	
45	STD-247	.25	WRENCH	
46	MMB-53	.10	SPRING	
47	STD-57	.10	EXTENSION SPRING	
48	STD-293	.15	SPEC. SHOULDER SCREW	
49	MMB-153-A-CSP	2.50	MECH. FRAME & STUD ASSEM.	
50	UD-41	.10	EXTENSION SPRING	
51	MMB-163- -CSP	1.75	REEL RESET BRACKET ASSEM.	
	MMB-210	.25	NON-CHEATING BRACKET	
52	MMB-54	.15	FLAT SPRING	
53	STD-65	.25	SPACER	
54	STD-53	.05	EXTENSION SPRING	
	STD-11	.10	SPRING SCREW POST	
55	STD-87	.05	COLLAR	
56	D-276	.05	SPRING HOOK	
57	MMB-94	.10	RESET ARM GUIDE	
58	JR-521-A	.10 DZ.	WASHER	
59	MMB-167- -CSP	.60	ROLLER & STUD ASSEM.	
60	MMB-208- -CSP	1.00	1ST REEL ASSEM. (COMPLETE)	FRUIT REEL
	MMB-78	.10	1ST REEL STRIPS (CC-459-1-A)	FRUIT REEL
61	MMB-192-A-CSP	1.00	2ND REEL ASSEM. (COMPLETE)	FRUIT REEL
	MMB-102	.10	2ND REEL STRIP (CC-459-2-B)	FRUIT REEL
62	MMB-205- -CSP	1.00	3RD REEL ASSEM. (COMPLETE)	FRUIT REEL
	MMB-127	.10	3RD REEL STRIP (CC-459-3)	FRUIT REEL
64	MMB-49	.25	REEL STOP	
65	MMB-48	.25	REEL STOP CAM	
66	MMB-177-A-CSP	1.00	REEL STOP CARRIER ASSEM.	
67	MMB-175- -CSP	1.00	REEL STOP LEVER SUPPORT ASSEM.	
68	MMB-52	.25	SPRING CLIP - REEL STOP	
69	STD-135	.05	SCREW POST	
70	D-438	.10 DZ.	#6-32 STEEL HEX. NUT	

<u>DESIGNATION NUMBER</u>	<u>PART NO.</u>	<u>EACH</u>	<u>DESCRIPTION</u>
71	STD-246	\$.05	HEX. HEAD SCREW
72	CM-93	.05	EXTENSION SPRING
73	STD-245	.05	HEX. HD. SCREW
74	MMB-51-A	.10	REEL STOP CARRIER PAWL
75	MMB-171- -CSP	7.00	CLOCK ASSEM.
76	MMB-181-CSP	.75	OVERFLOW CHUTE ASSEM.
77	MMB-13	.50	PAYOUT COVER
78	MMB-25	.75	ELEVATOR SLIDE BAR
79	STD-279	.10	TORSION SPRING
80	MMB-229	.10	REEL PLUNGER STOP BRACKET (5¢)
81	MMB-166- -CSP	.75	COIN SLIDE SAFETY LEVER ASSEM.
82	MMB-168- -CSP	.50	COIN SLIDE SAFETY LEVER BRACKET ASSEM.
83	MMB-65	.30	GUARD
84	MMB-164- -CSP	1.00	COIN SLIDE RESET ARM & STUD ASSEM.
85	STD-255	.10	SHOULDER SCREW
86	PT-2243	.10	THUMB GUARD
87	MMB-86	.15	REEL STOP SLIDE FLAT SPRING
88	STD-25	.05	WASHER
89	MMB-8	.50	PAYOUT OPENING COVER (BLUE & GOLD)
90	MMB-237- -CSP	4.00	COUNTER ASSEM. (SERVICE CSP)
91	MMB-33-A	.10	COIN WIRE
92	MLB-6146	.05	EXTENSION SPRING
93	MMB-159- -CSP	.60	REEL PLUNGER ASSEM.
94	CS-196	.05	SHOULDER SCREW
95	MMB-67	.25	BRACKET
96	MMB-56	.10	COIN SLIDE CAM
97	MMB-165- -CSP	.50	COIN SLIDE PAWL & BRACKET ASSEM.
98	MMB-59	.10	COIN OVERFLOW LEVER

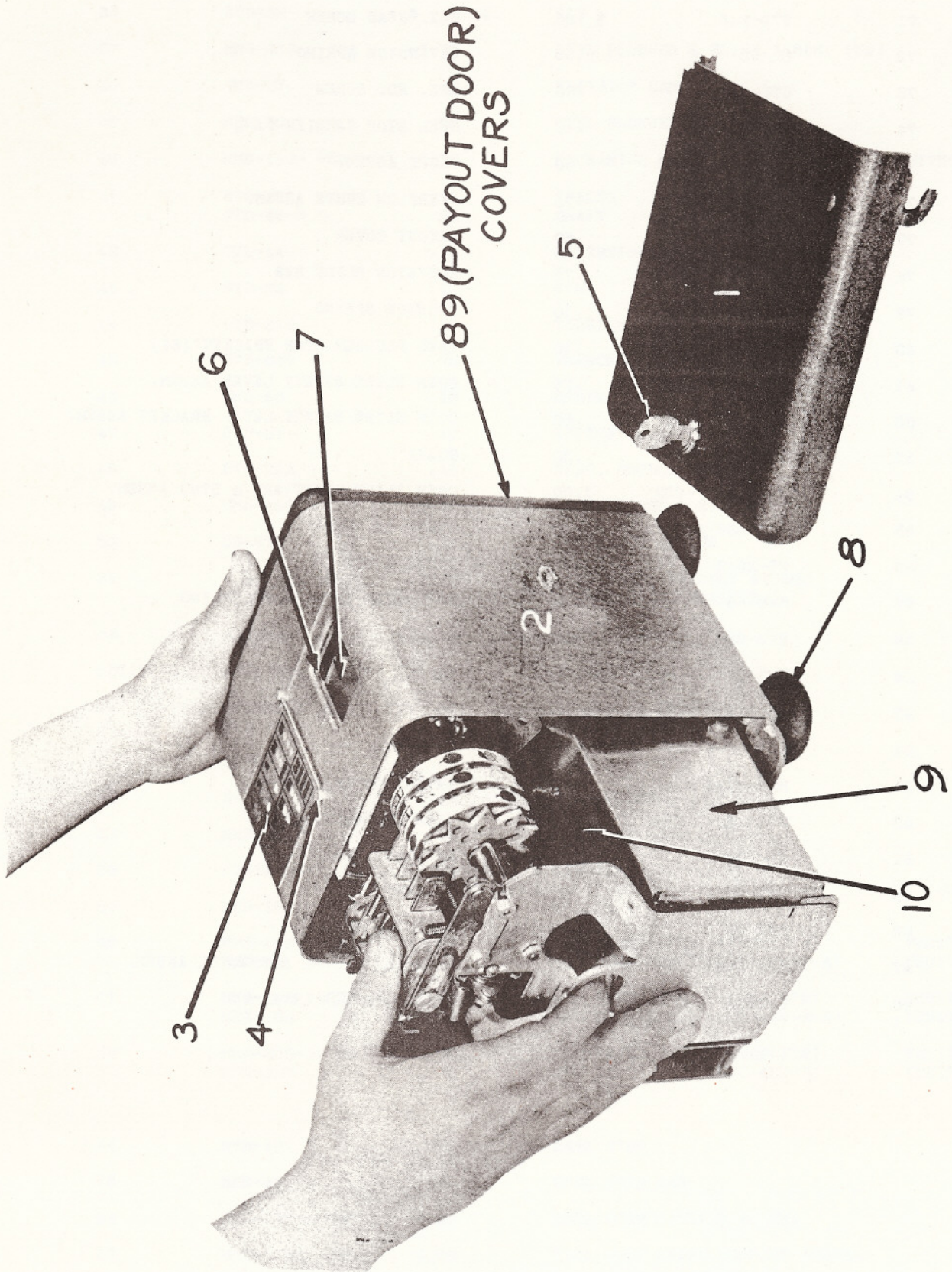


FIGURE-1

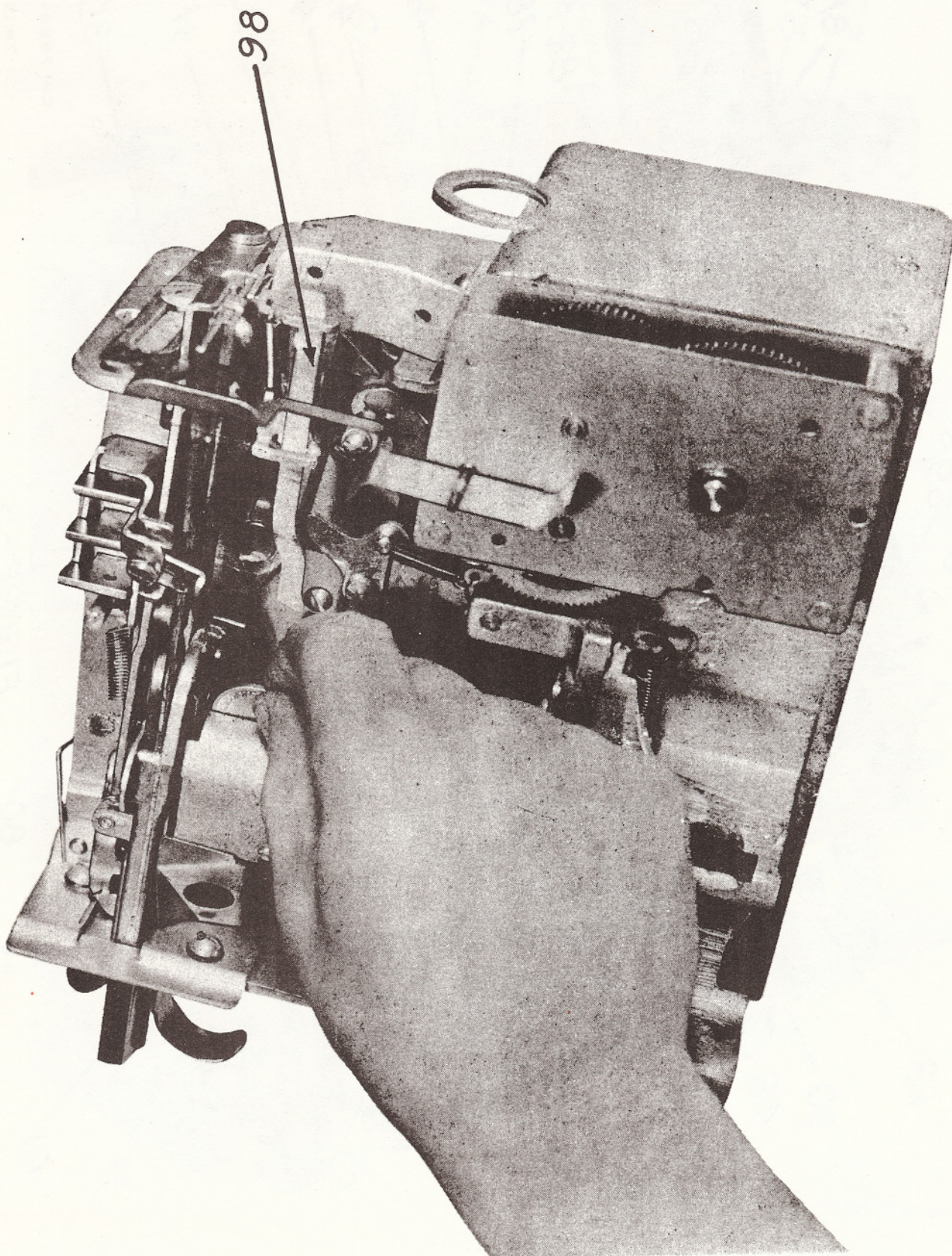
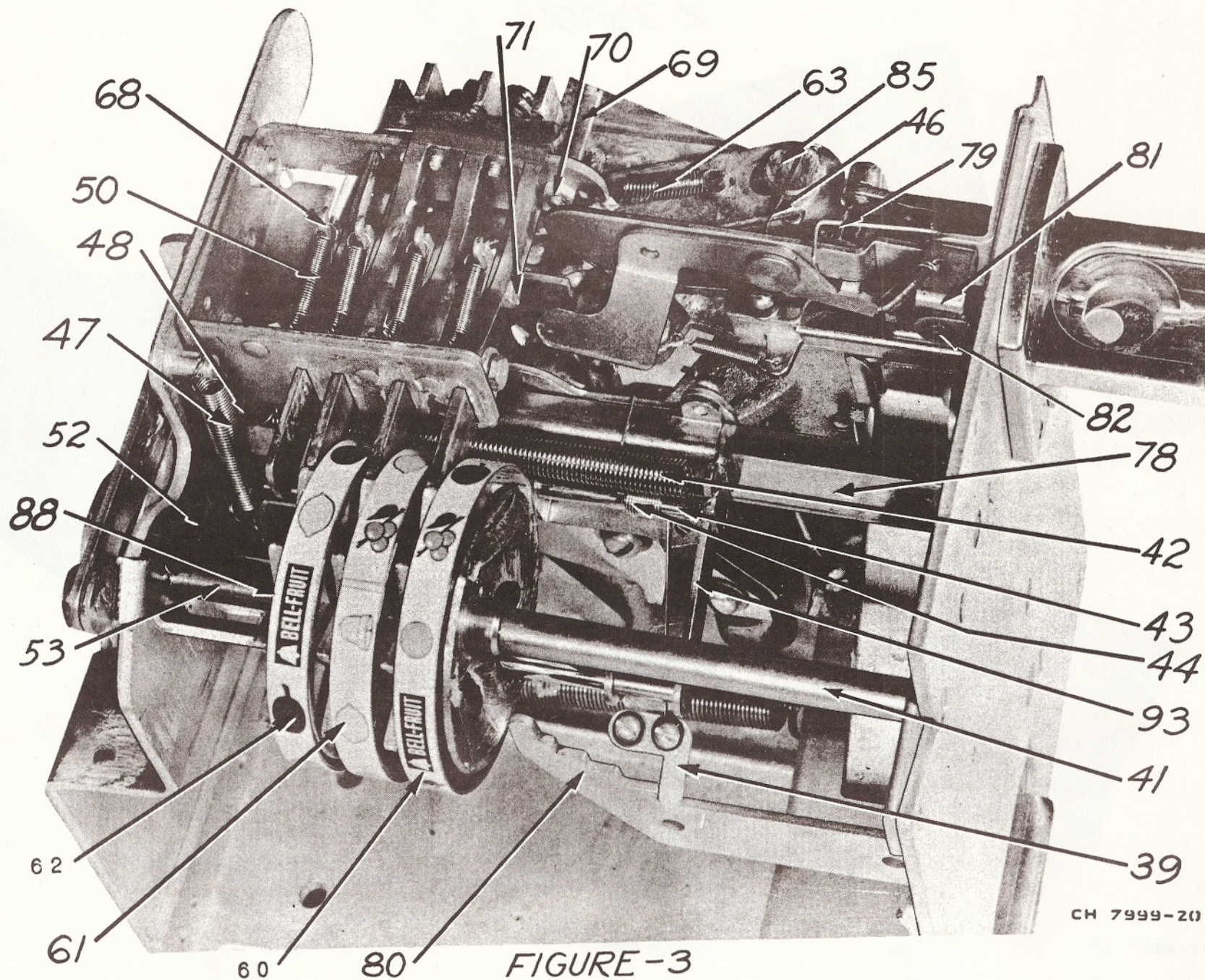


FIGURE-2



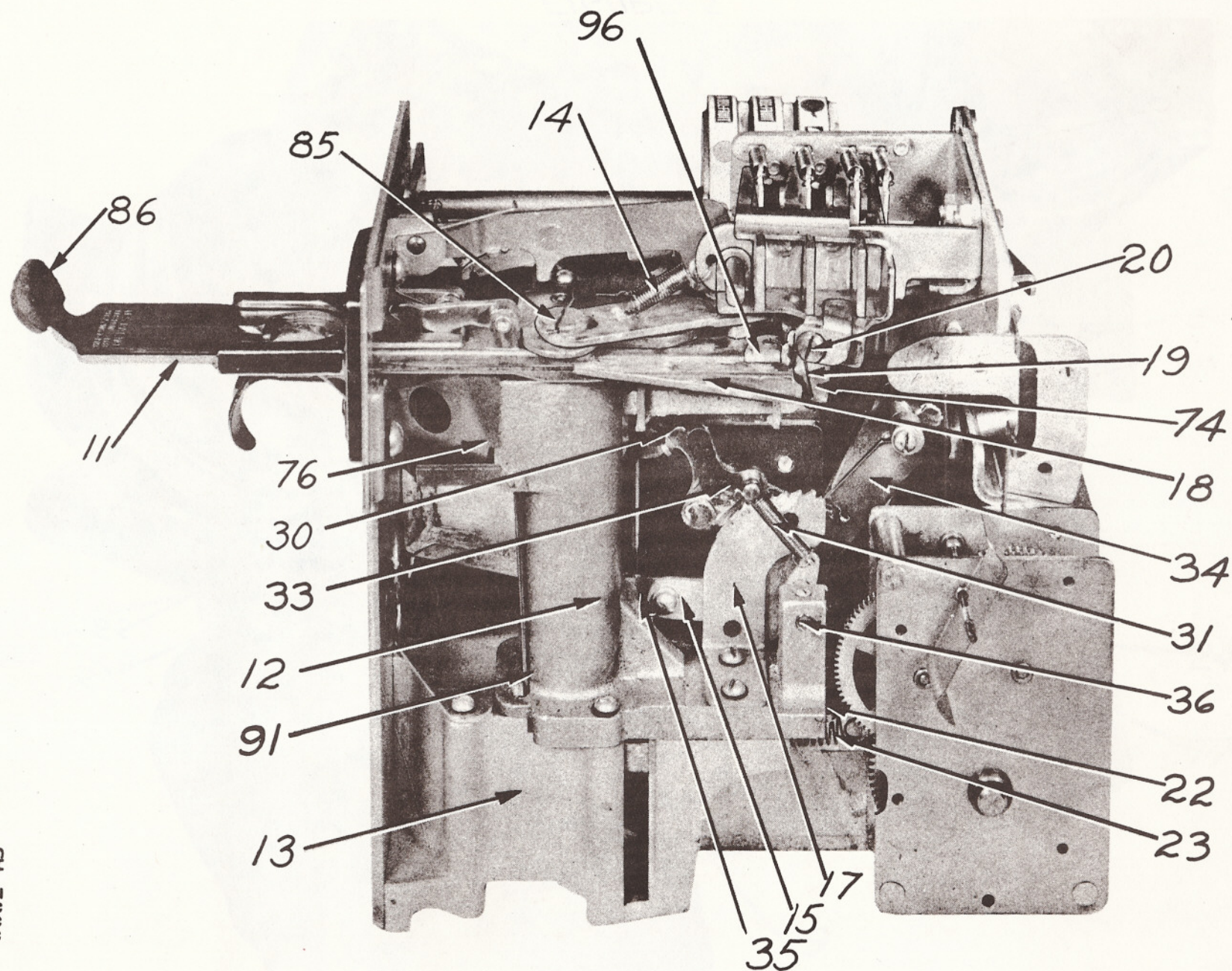


FIGURE-4

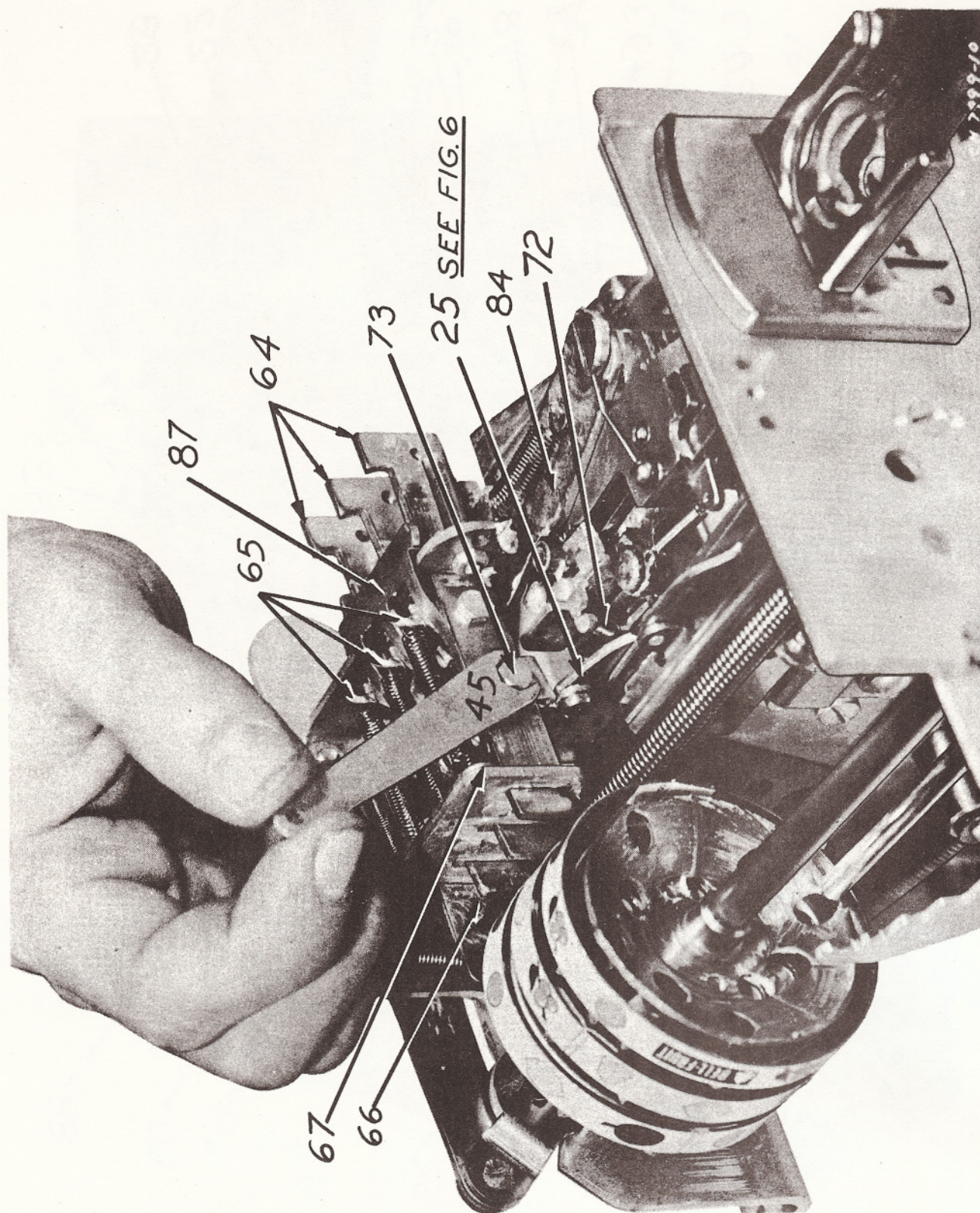
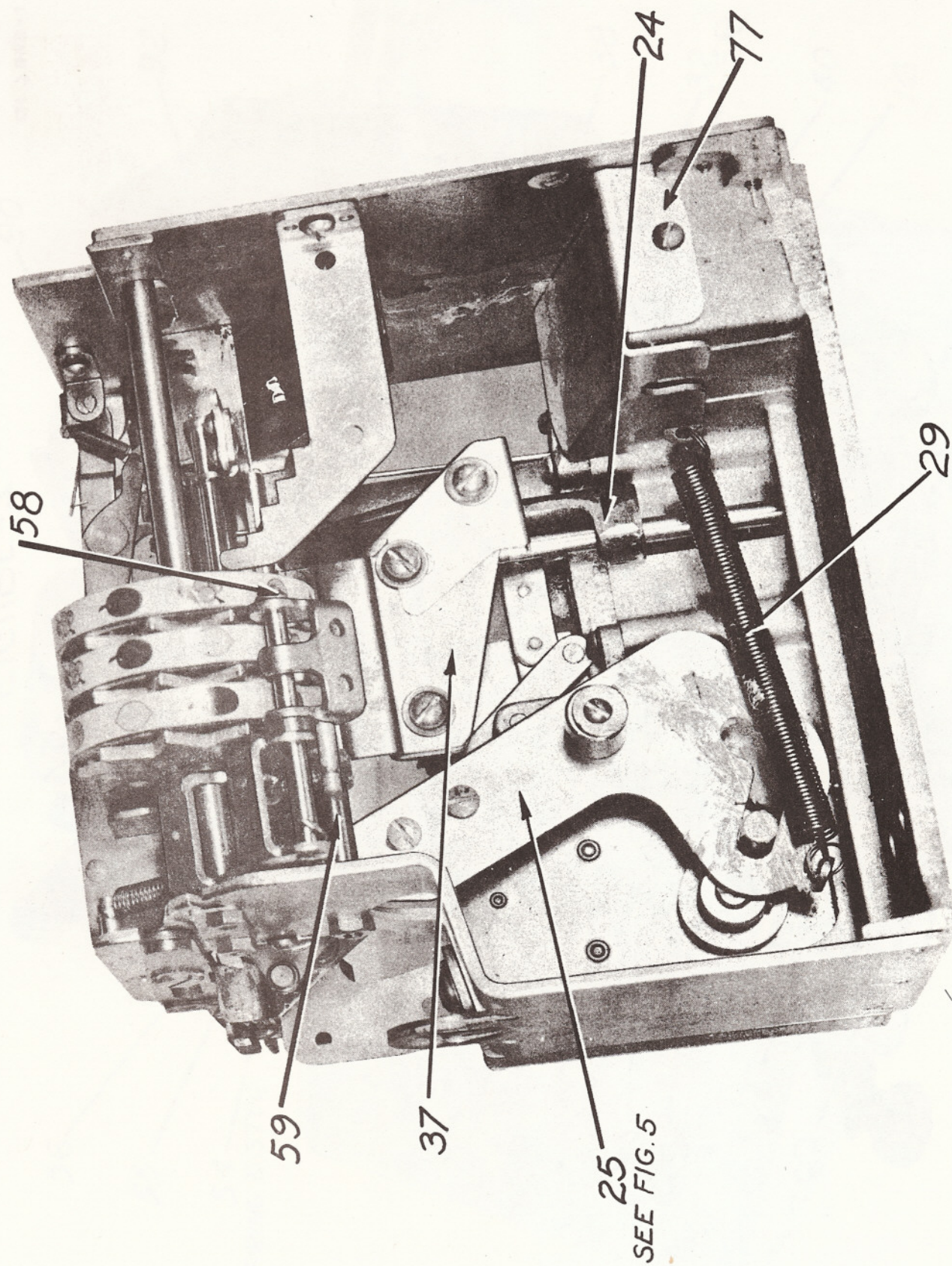


FIGURE-5



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FIGURE-6

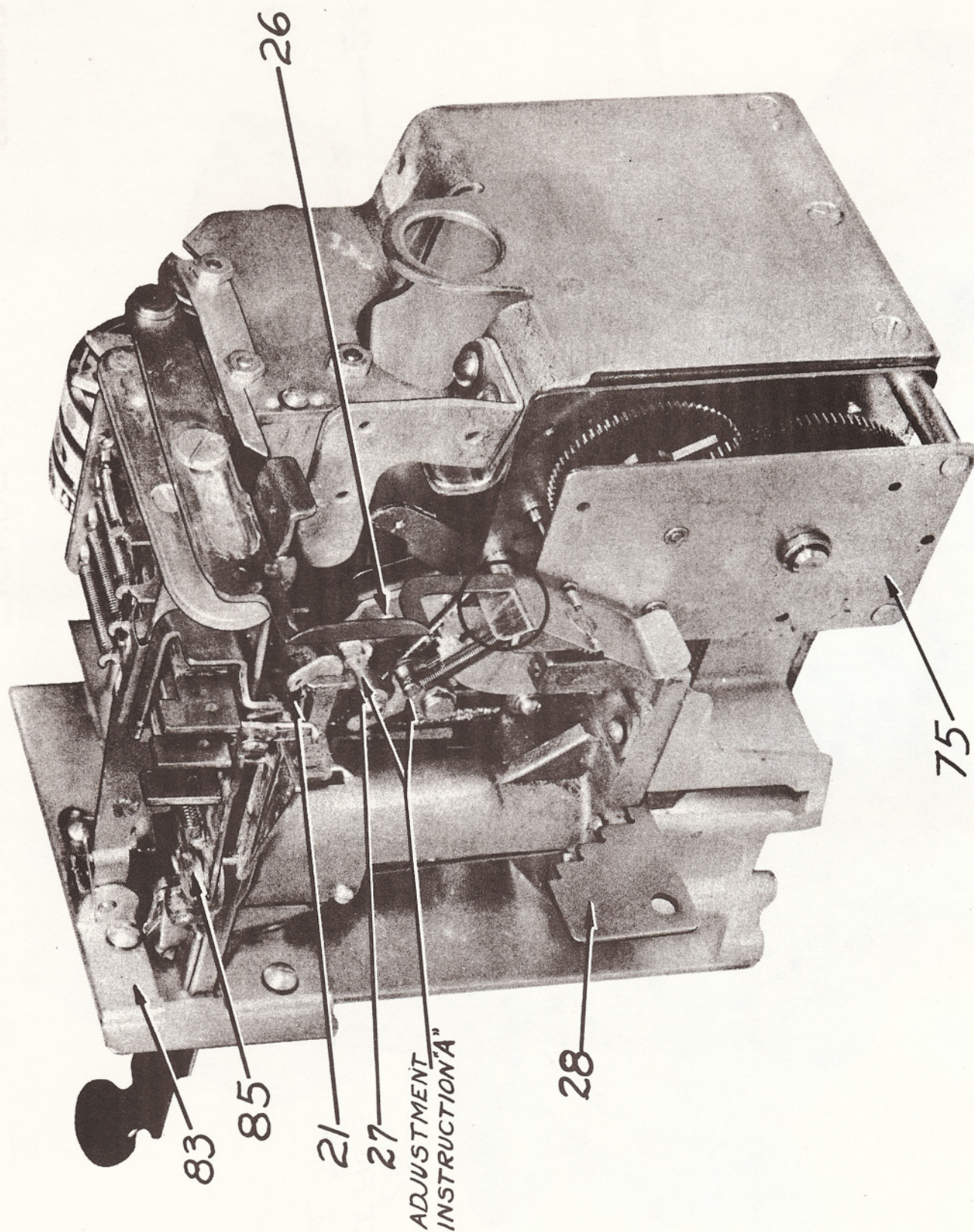


FIGURE-7

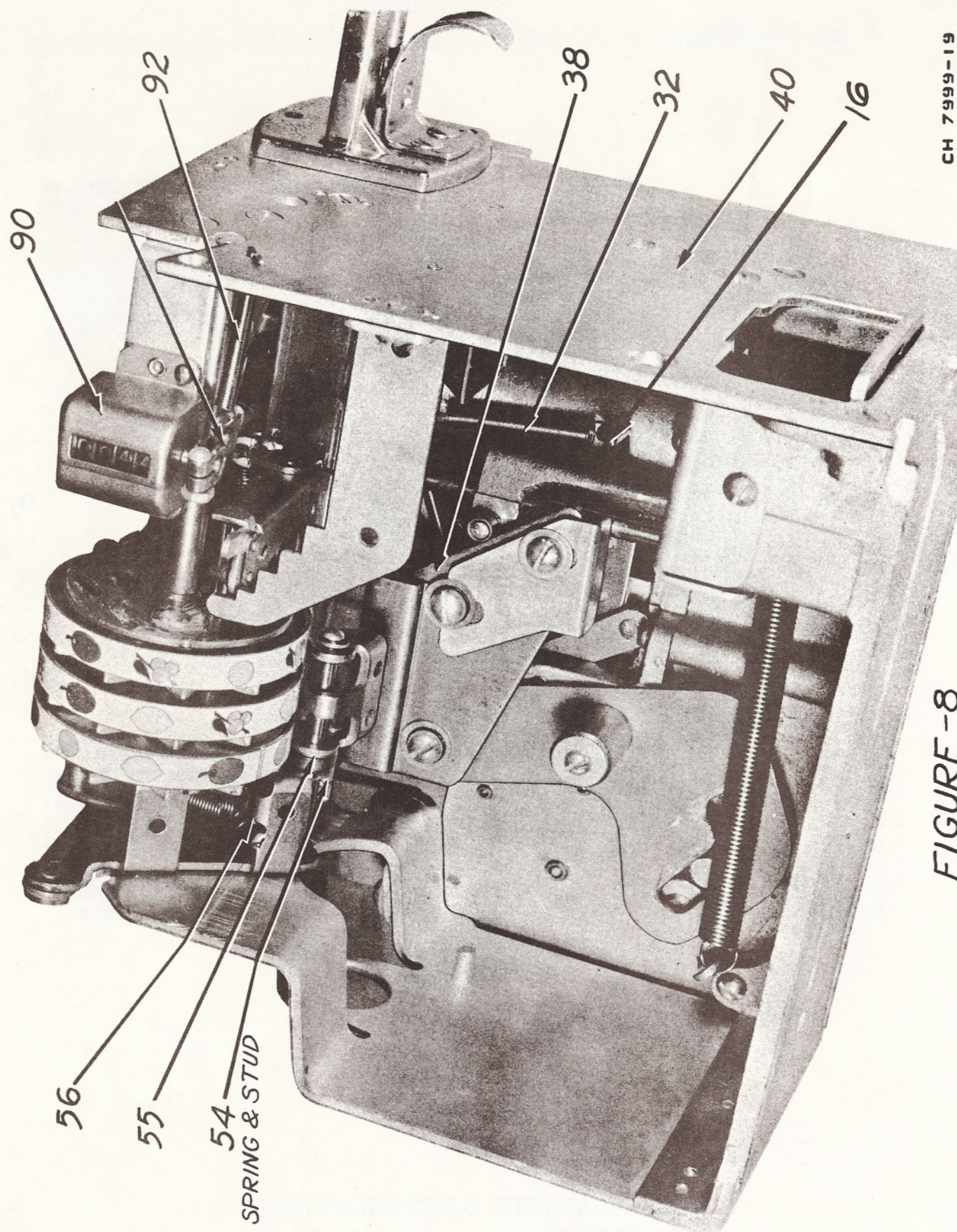
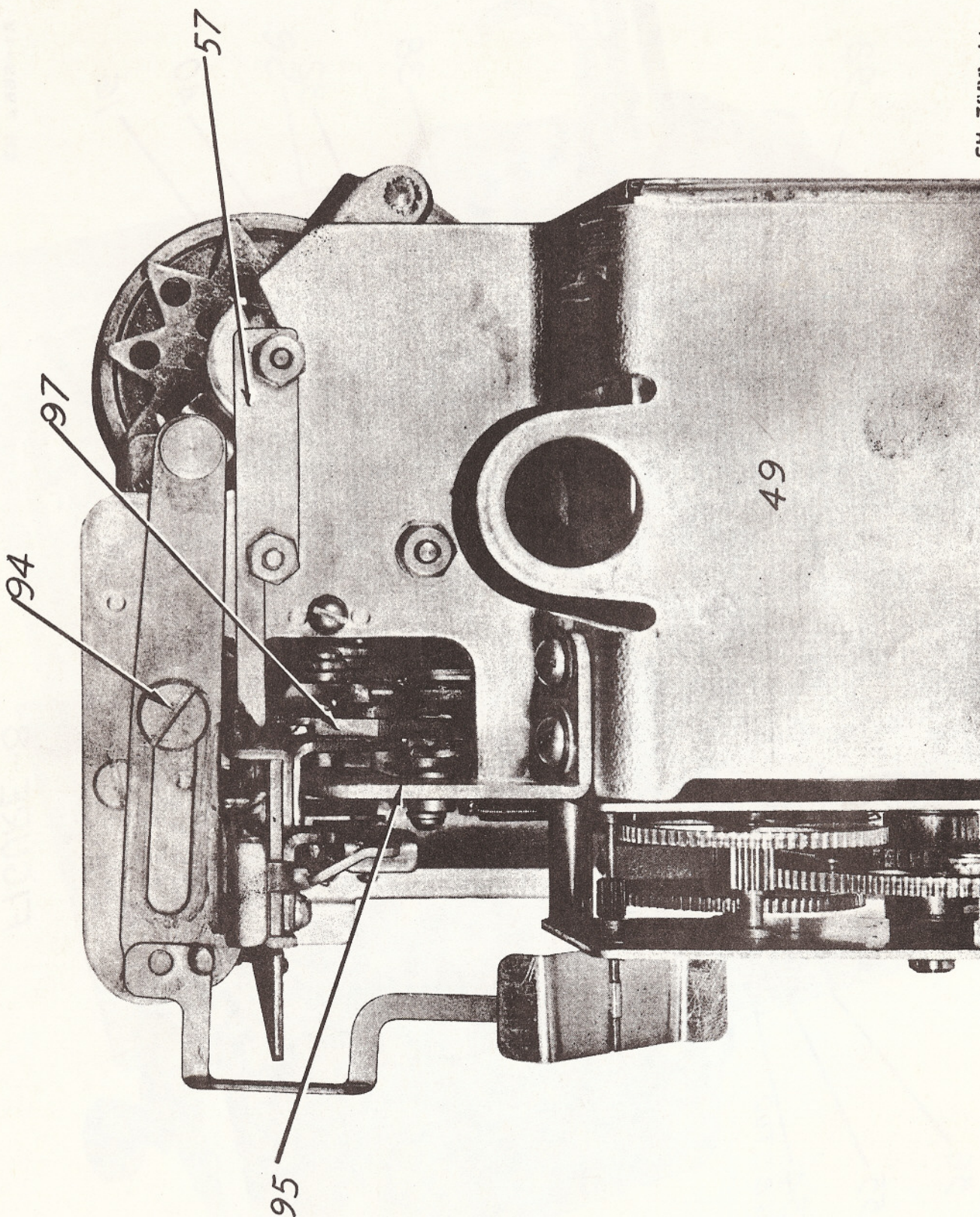


FIGURE-8



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FIGURE-9

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