

1402 Card Read Punch

121-0508-6

1402 Card Read Punch
Models 1, 2, 3, 4, 5, & 6

PREFACE

This illustrated Parts Catalog (IPC) contains listings and illustrations of all replaceable assemblies, sub-assemblies and detail parts released to Production Control on or before January 15, 1965 for the IBM 1402 Card Read Punch Models 1, 2, 3, 4 and 5.

Locate replacement parts for the 1402 Model 6 Card Reader-Punch as follows: Read Feed and Read Feed Drive Assemblies use parts specified for Model 4. All other assemblies use parts specified for Model 1.

Seventh Edition

This is a reprint of 121-0508-5 incorporating changes released in the following FE Supplement:

<u>Form Number</u>	<u>Pages Affected</u>	<u>Date</u>
S31-0149	Preface and Visual Index	April 10, 1967

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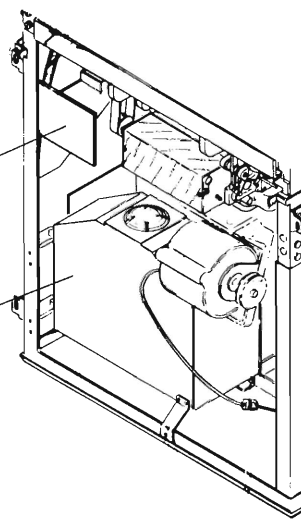
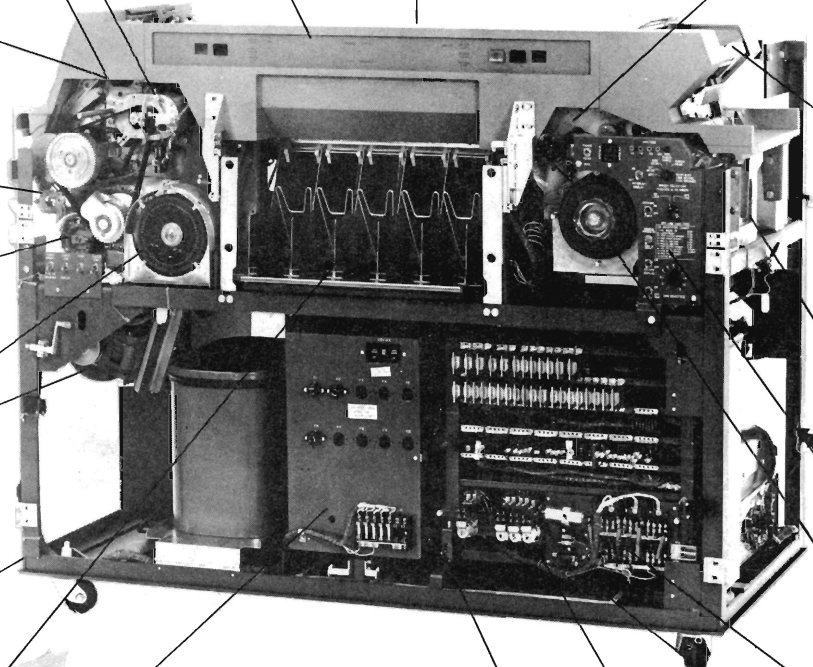
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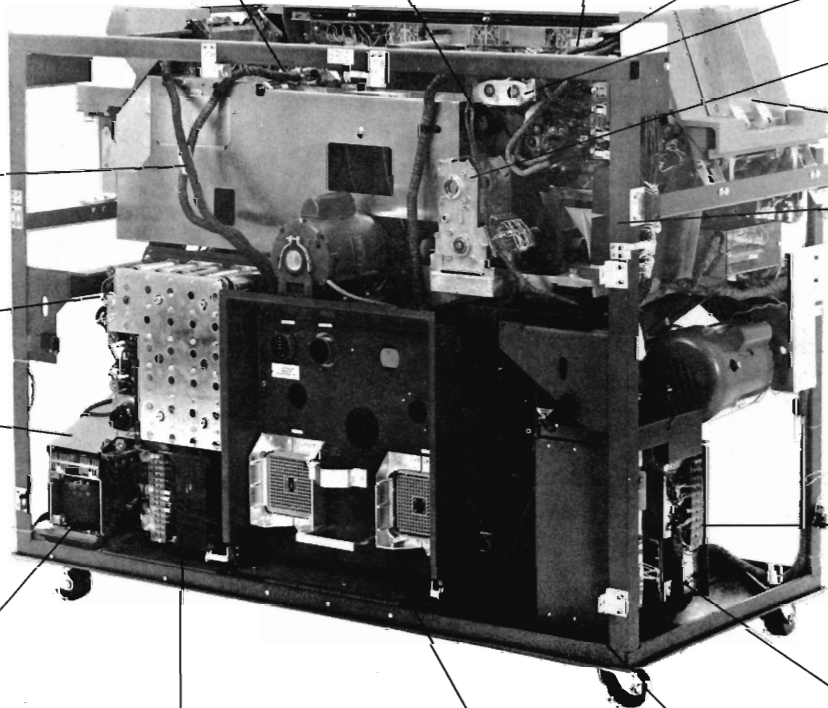
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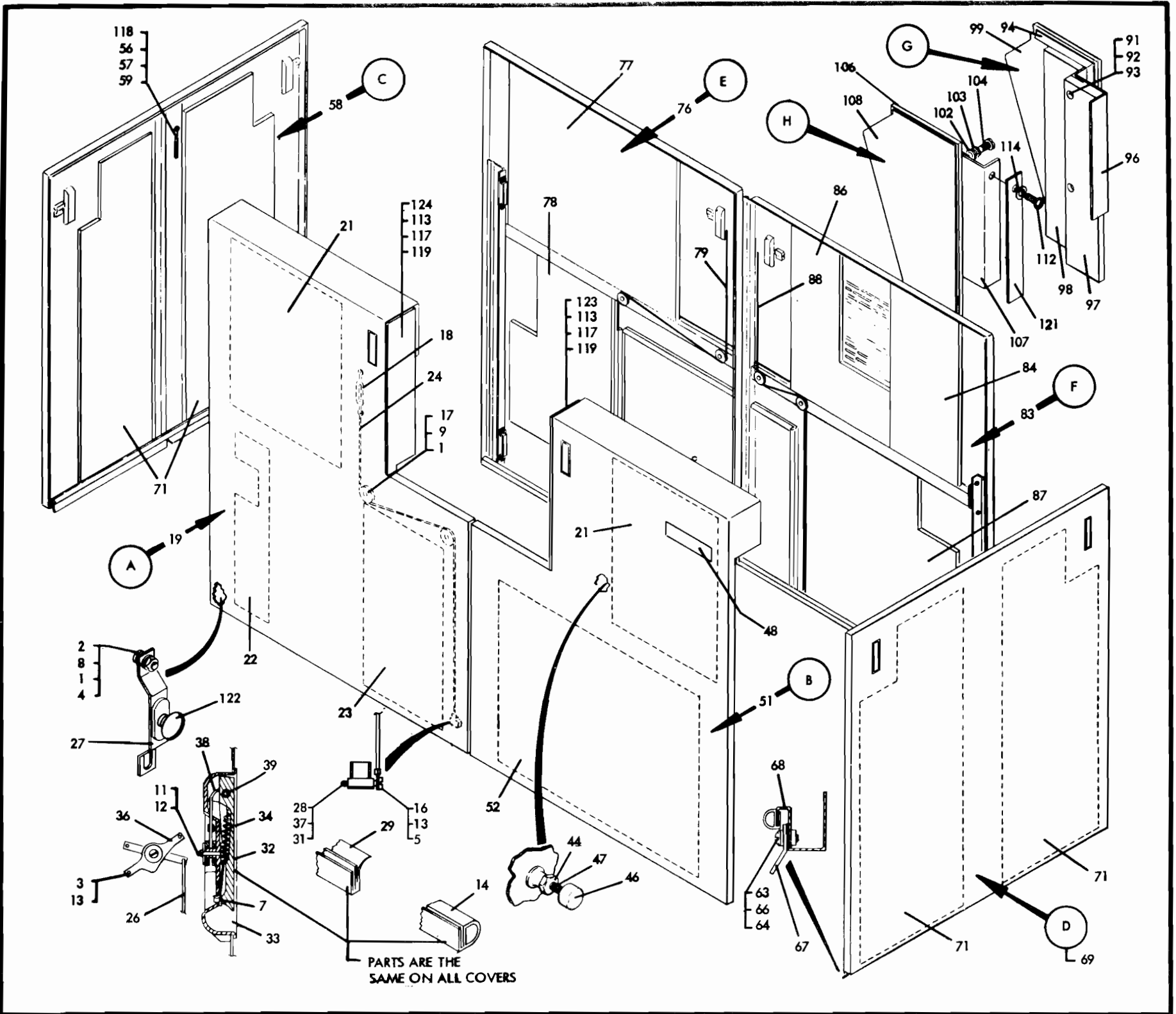
CONNECTOR PANEL ASSEMBLY
SEE FIGURE 62

Locate replacement parts for the 1402 Model 6 Card Reader-Punch as follows:

Read Feed and Read Feed Drive Assemblies use parts specified for Model 4.
All other assemblies use parts specified for Model 1.



SIDE COVERS

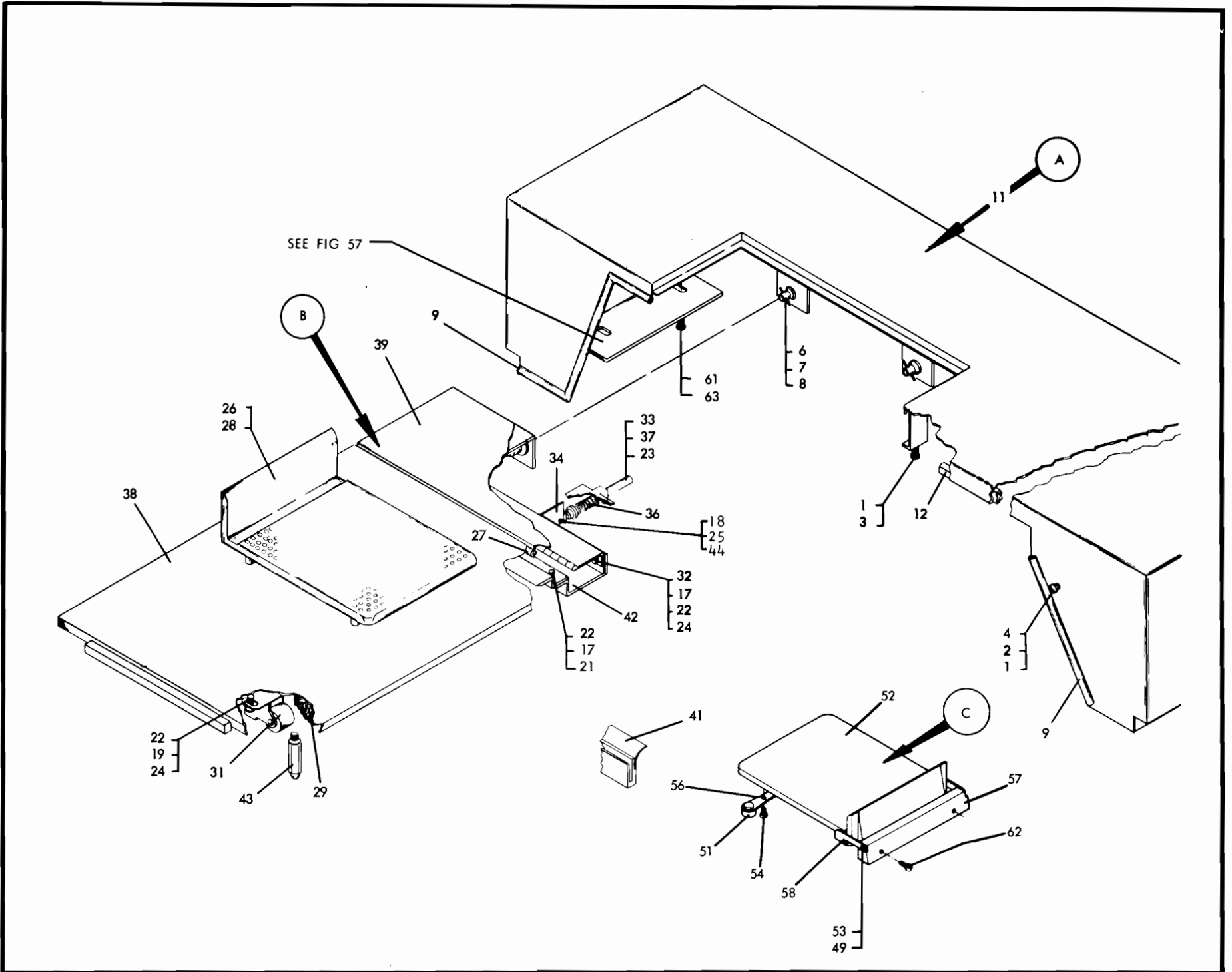


PARTS ARE THE SAME ON ALL COVERS

A	609639 COVER ASM LEFT FRONT	B	609641 COVER ASM RIGHT FRONT	F	609645 COVER ASM RIGHT REAR
1	1940 WASHER BRKT MTG	44	11598 NUT BUMPER	83	609637 COVER ASM RIGHT REAR
2	11598 NUT BRKT MTG	46	78916 BUMPER CVR	84	609654 DAMPER CVR
3	609728 SCREW	47	438602 STUD BUMPER	86	609657 DAMPER CVR
4	9092 LWSHR BRKT MTG	48	609196 NAME PLATE 1402 1	87	609658 DAMPER CVR
5	62031 LWSHR PULL TO BAIL	48	614036 NAME PLATE 1402 2	88	609659 CABLE ASM
7	79204 BUMPER LATCH HANDLE	48	610563 NAME PLATE 1402 3	THE REMAINDER IS THE SAME AS ASM A	
8	615479 STUDS COVER	48	614378 NAMEPLATE 1402 4	G	609666 FILLER ASM LEFT
9	125930 NUT PULLEY MTG	48	614216 NAMEPLATE 1402 5	91	1940 WASHER FILLER MTG
11	221651 WASHER LATCH DOG RET	51	609633 COVER ASM R FRONT	92	56079 LWASHER FILLER MTG
12	251970 SCREW LATCH DOG RET	52	609651 DAMPER	93	130434 SCREW FILLER MTG
13	257187 NUT	THE REMAINDER IS THE SAME AS ASM A		94	220478 DUST SEAL
14	444806 SEAL DUST	C	609642 COVER ASM LEFT END	96	609297 BRACKET FILLER
16	607610 SCREW	56	244049 SCREW CHAIN MTG	97	609461 ACOUSTICAL FELT
17	609492 PULLEY LATCH PULL CABLE	57	257985 WSHR CHAIN MTG	98	609462 FELT FILLER
18	609494 TURNBUCKLE CABLE TIGHTNR	58	609634 COVER ASM LEFT	99	609627 FILLER
19	609632 COVER ASM L FRONT	59	609731 CHAIN COVER RESTRICTING	H	609667 FILLER ASM RIGHT
21	609647 DAMPER	THE REMAINDER IS THE SAME AS ASM D		102	1940 WASHER FILLER
22	609648 DAMPER	D	609643 COVER ASA RIGHT END	103	56079 LWASHER FILLER
23	609649 DAMPER	63	1940 WASHER SEAL MTG	104	130434 SCREW FILLER MTG
24	609661 CABLE ASM LATCH OPER	64	32042 SCREW SEAL MTG	106	220478 DUST SEAL
26	609663 FASTENER CABLE	66	9092 LWSHR SEAL MTG	107	609297 FILLER
27	609664 BRACKET FRONT DOOR HINGE	67	602583 STRIP R END CVR MTG	108	609628 FILLER RIGHT
28	609668 BAIL LATCH	68	602802 SEAL RIGHT END CVR	PARTS NOT INCLUDED WITH ASSEMBLIES	
29	609669 SEAL DUST	69	609635 COVER ASM RIGHT END	112	55711 SCREW FILLER MTG
31	609685 PIN BAIL MTG	71	609677 DAMPER	113	55901 L WASHER-CAP MTG
32	721933 HANDLE LATCH	THE REMAINDER IS THE SAME AS ASM A		117	120789 WASHER-CAP MTG
33	721934 HOUSING LATCH	E	609644 COVER ASM LEFT REAR	118	141835 HOOK CHAIN LT COVER
34	721935 SPRING LATCH	76	609636 COVER ASM LEFT REAR	119	257189 NUT CAP MTG
36	721936 DOG LATCH OPERATING	77	609655 DAMPER	121	609268 PLATE-FILLER
37	721940 SPRING LATCH	78	609656 DAMPER	122	609671 WING SCREW
38	721941 PULL LATCH OPERATING	79	609662 CABLE ASM LATCH OPER	123	609675 CAP R FRONT COVER
39	2100265 PIN LATCH	THE REMAINDER IS THE SAME AS ASM A		124	609676 CAP L FRONT COVER

1402 FIG. 1

TOP COVERS

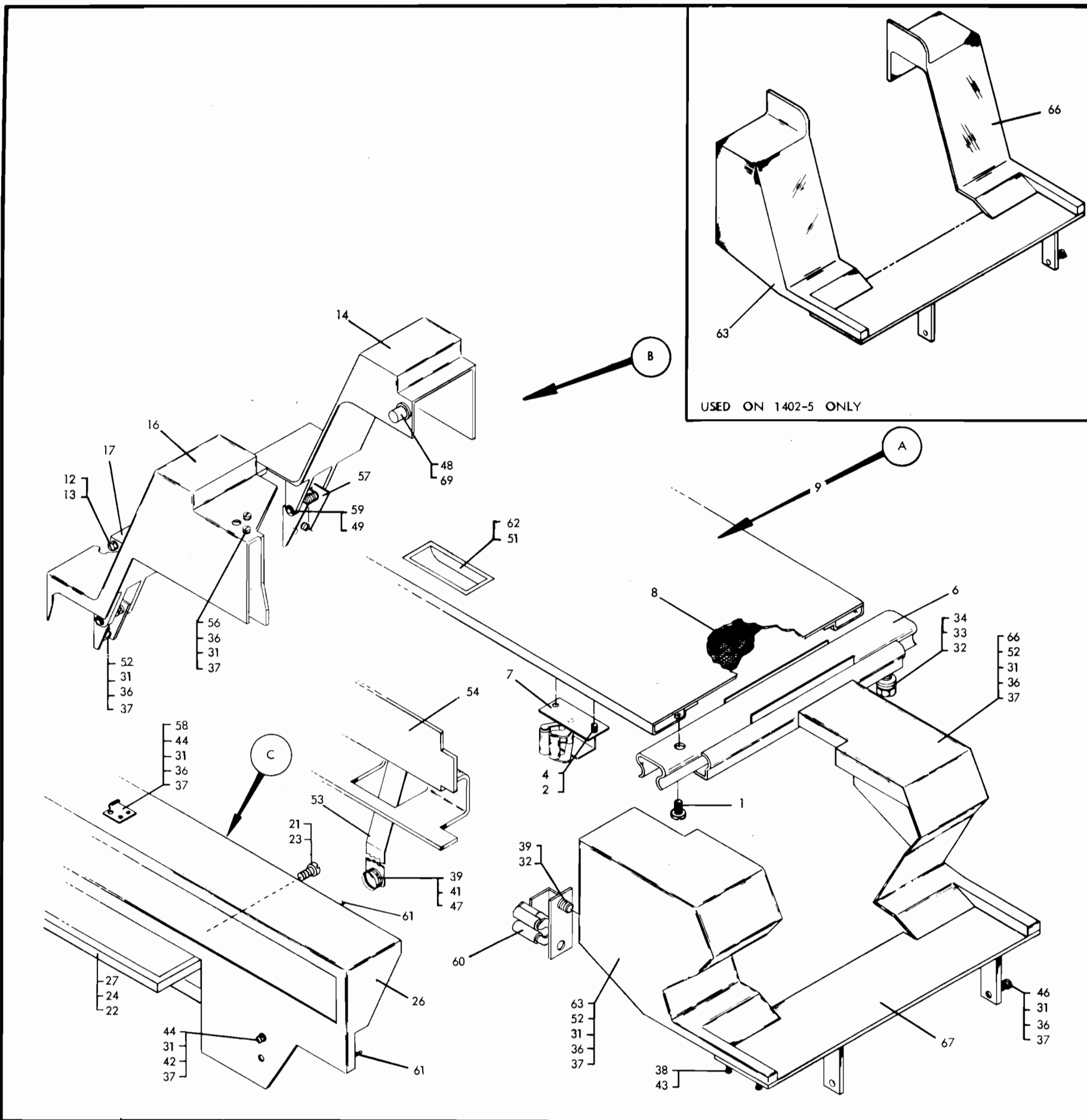


- A 609646 COVER ASM TOP
- 1 11598 NUT TOP CVR
- 2 45690 WASHER TOP CVR
- 3 184792 SCREW TOP CVR ADJ
- 4 228899 SCREW TOP CVR
- 6 312573 GROMMET HINGE CVR MTG
- 7 312575 SNAP RING HINGE CVR MTG
- 8 333482 CAM LOCK HINGE CVR MTG
- 9 444806 DUST SEAL TOP CVR
- 11 609638 COVER TOP
- 12 802678 DUST SEAL TOP COVER

- B 609507 HINGE FILLER ASM
- 17 1940 WASHER - TAP STRIP MTG
- 18 609782 SCREW SHOULDER
- 19 45690 WASHER - CATCH MTG
- 21 55711 SCREW TAP STRIP MTG
- 22 9092 LWSHR CATCH MTG
- 23 123780 SCREW SET
- 24 130434 SCREW BRACKET MTG
- 25 257189 NUT SHAFT MTG
- 26 219617 JOGGLE PLATE
- 27 444806 SEAL - DUST
- 28 601185 SCREW - JOGGLE PLATE MTG
- 29 609214 DAMPER - CVR
- 31 609320 CATCH - RUBBER ROLLER
- 32 609322 TAP STRIP-DOOR FILLER
- 33 609603 SHAFT SPRING MTG
- 34 609605 BRACKET SHAFT MTG
- 36 609606 SPRING COMPRESSION
- 37 609607 COLLAR SHAFT
- 38 609620 COVER - TOP HINGE
- 39 609630 FILLER - TOP CVR
- 41 609669 SEAL DUST
- 42 609683 BRACKET HINGE CVR
- 43 609684 STUD LOCATING
- 44 1090873 LWSHR SHAFT MTG

- C 615423 JOGGLE PLATE ASM
USED ON 1402-5 ONLY
- 49 22478 WASHER
- 51 219616 GROMMET
- 52 219617 JOGGLE PLATE
- 53 470374 STUD
- 54 601185 SCREW
- 56 602985 MOUNT JOGGLE PLT BUMPER
- 57 615053 FILLER READ FEED
- 58 615422 PIVOT ARM JOGGLE PLATE
PARTS NOT INCLUDED WITH ASSEMBLIES
- 61 3550 WASHER TOP CVR MTG
- 62 225859 SCREW
- 63 603078 NUT TOP CVR MTG

CASTING COVERS



USED ON 1402-5 ONLY

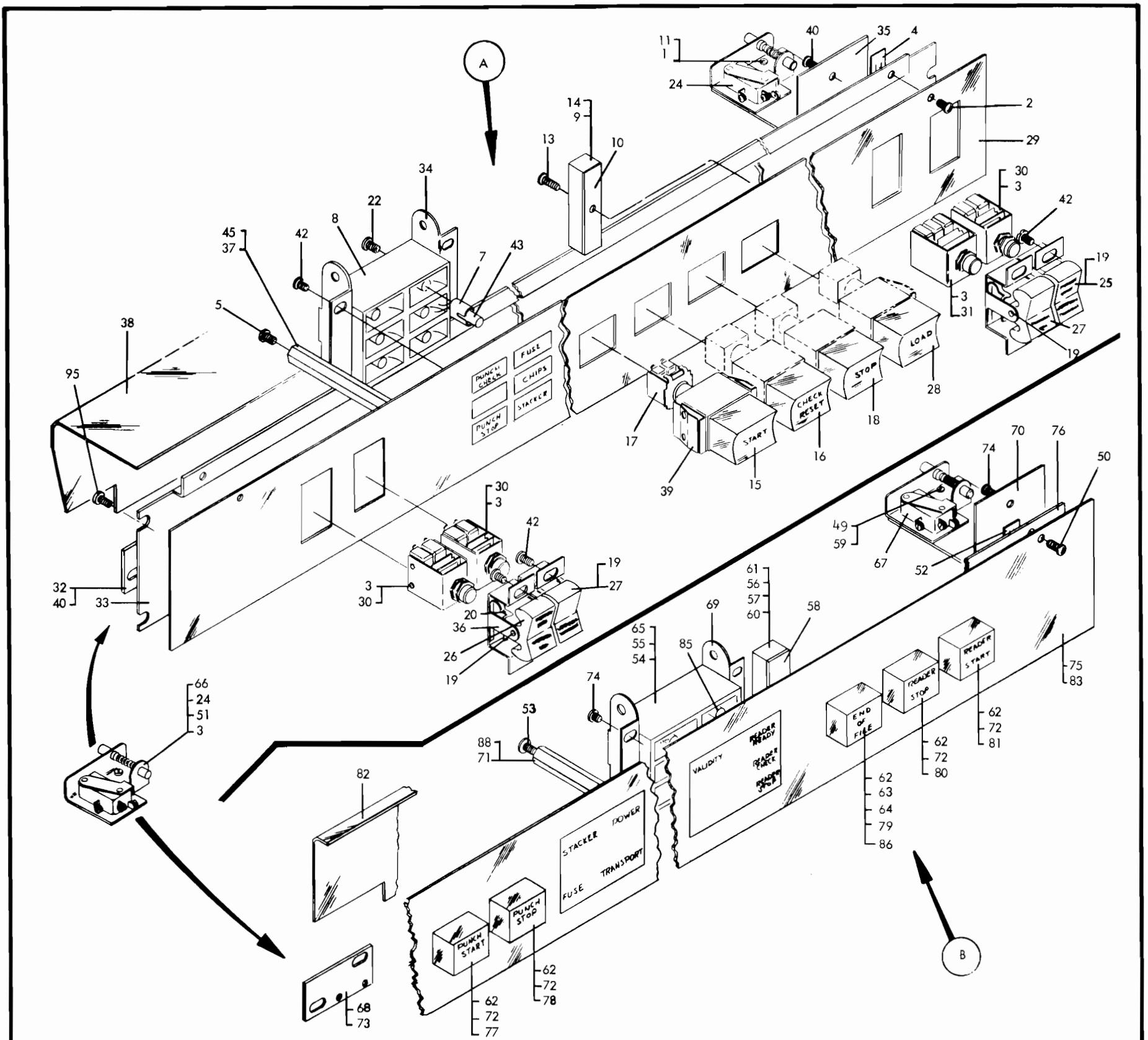
A	609508	SLIDING COVER ASM
1	345815	SCREW SLIDE MTG
2	38350	SCREW-CATCH MTG
4	6364	LWSHR CATCH MTG
6	602596	SLIDE-TOP COVER
7	609549	CATCH-TOP CVR
8	609609	DAMPER-TOP SLIDING COVER
9	609650	COVER SLIDING
B	609631	COVER ASM HOPPER
12	56079	LWSHR
13	101706	SCREW
14	609625	CASTING LEFT SIDE
16	609626	CASTING RT SIDE
17	609629	CASTING CENTER
C	613253	DEFLECTOR ASM LIGHT SWITCH PANEL
21	5677	SCREW
22	22478	WASHER
23	45690	WASHER
24	186758	SCREW
26	609520	CSTG CONTROL PANEL
27	613283	DEFL LIGHT+ SWI PANEL

PARTS NOT INCLUDED WITH ASSEMBLIES		
31	1940	WASHER-LOCATOR MTG
32	3550	WASHER-HOPPER CVR MTG
33	3960	NUT SLIDING CVR MTG
34	6935	LWSHR SLIDING CVR MTG
36	9092	LWASHER LOCATOR MTG
37	11598	NUT LOCATOR MTG
38	36112	SCREW RFD CVR MTG 1.50 LONG
39	38350	SCREW-FILLER MTG
41	56722	L WASHER-FILLER MTG
42	56079	L WASHER-CSTG MTG
43	59647	SCREW-RFD CVR MTG 1 INCH LONG
44	101706	SCREW-STRIKE MTG
46	204616	SCREW-FLOOR MTG
47	257986	WASHER-FILLER MTG
48	257982	CLIP CASTING STOP MTG
49	332747	CLIP HOPPER COVER
51	437904	SET SCREW HAND PULL

52	438601	SCREW-HOPPER CVR MTG
53	602786	SPRING-FILLER MTG
54	602999	FILLER READ FEED
56	609204	LOCATOR LEFT FD CVR
57	609220	BRACKET COVER MTG
58	609281	STRIKE-CVR
59	609456	PIN HOPPER COVER
60	609549	CATCH BRACKET
61	609551	STUD BRKT
62	609602	HAND PULL SLIDING COVER
63	609670	COVER RIGHT FRONT FEED
63	615051	COVER RT FEED FRONT
		USED ON 1402-5 ONLY
66	609680	COVER RIGHT REAR FEED
66	615052	COVER RT FEED REAR
		USED ON 1402-5 ONLY
67	609690	FLOOR RIGHT FEED
69	609756	STUD CASTING STOP

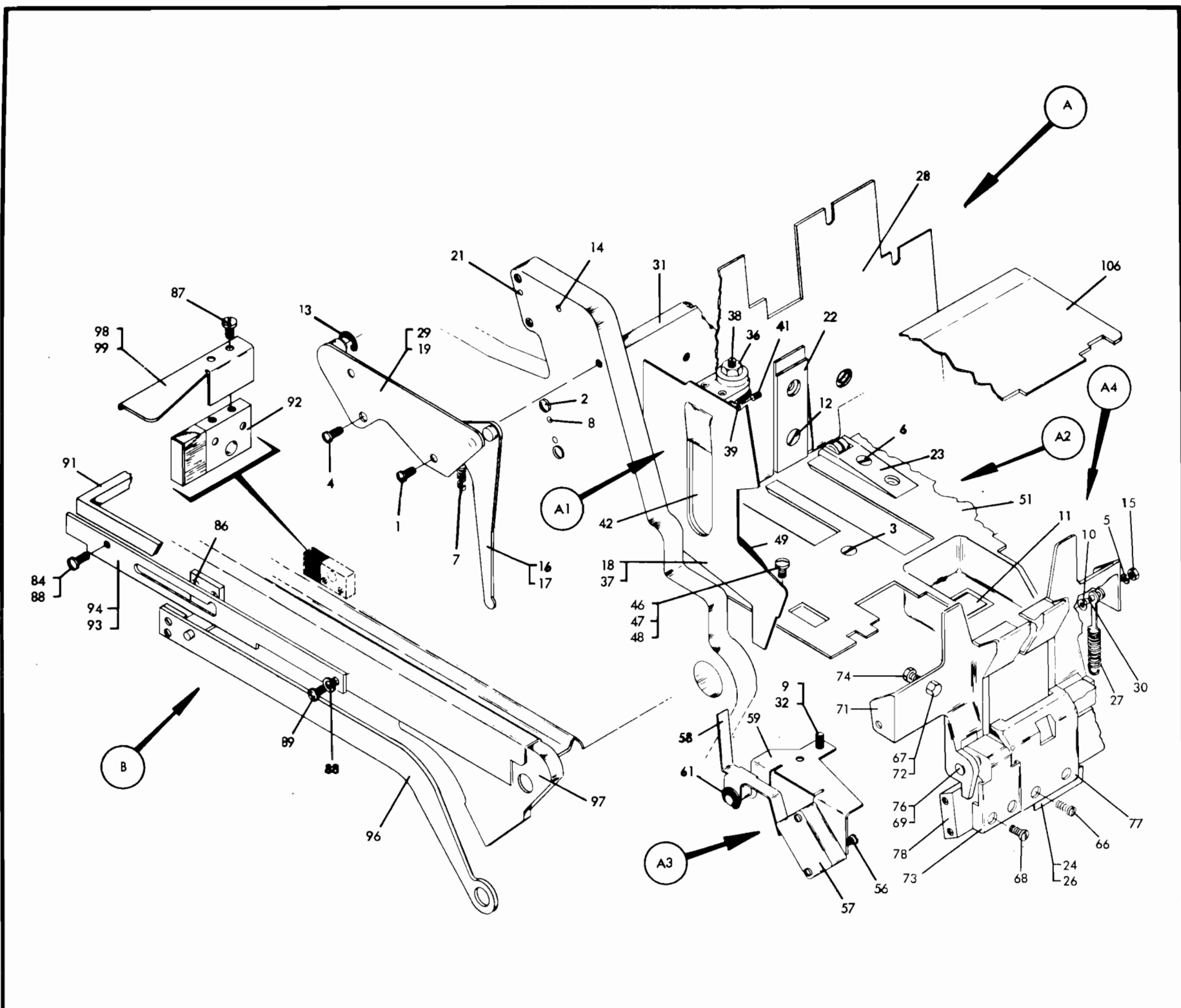
1402 FIG. 3

SWITCH & LIGHT PANEL ASMS.



A	609513 SWITCH + LIGHT PANEL ASM BLUE	30	609457 SWITCH	61	444164 TERMINAL BLOCK ASM
A	609709 SWITCH + LIGHT PANEL ASM CHARCOAL USED ON 1402-1, 3,-4 + 5 ONLY	31	609458 SWITCH	62	479309 SWITCH PUSH BUTTON
1	38235 SCREW SW MTG	32	609545 BRACKET-HINGE CVR INTER	63	479312 ACTUATOR SWITCH
2	52570 SCREW PNL MTG	33	609546 BRACKET-LIGHT + SW	64	555054 JUMPER ASM
3	55726 SCREW SW MTG	34	609547 BRACKET-LIGHT BLK	65	601093 SCREW BLOCK MTG
4	79086 NUT PNL MTG	35	609548 BRACKET-INTER SW	66	609185 SWITCH ASM INTERLOCK
5	81693 SCREW-GUARD MTG	36	609553 BRACKET-SW MTG	68	609545 BRACKET HINGE CVR INTER
7	165010 PLUG + INSERT ASM	37	609564 STUD-GUARD MTG	69	609547 BRACKET LIGHT BLK
8	185197 BLOCK-LIGHT	38	609566 GUARD-SW BRACKET	70	609548 BRACKET INTER SW
9	205329 JUMPER	39	609678 ACTUATOR SWITCH	71	609564 STUD GUARD MTG
10	302131 INSULATION-TERM BLK	40	80651 SCREW INTERLOCK SW MTG	72	609678 ACTUATOR SWITCH
11	336628 NUT SW MTG	42	609695 SCR BRKT MTG	73	80651 SCREW SWITCH MTG
13	438549 SCREW TERM BLOCK MTG	43	719293 BULB-LIGHT	74	609695 SCREW BRKT MTG
14	444164 TERMINAL BLOCK ASM	45	1091508 WASHER-SHIELD STUD	75	614013 PANEL SWITCH BLUE
15	473614 BUTTON ASM START	B	614137 SWITCH + LIGHT PANEL ASM CHARCOAL USED ON 1402-2 ONLY	75	614136 PANEL SWITCH CHARCOAL
16	473615 BUTTON ASM-CHECK RESET	B	614024 SWITCH + LIGHT PANEL ASM BLUE USED ON 1402-2 ONLY	76	614016 BRACKET LIGHT + SW
17	479309 SWITCH-PUSH BUTTON	49	38235 SCREW SWITCH MTG	77	614028 BUTTON ASM PUN START
18	479997 BUTTON ASM-STOP	50	52570 SCREW PNL MTG	78	614029 BUTTON ASM PUN STOP
19	538674 SCREW BUTTON PIVOT	51	55726 SCREW SW MTG	79	614030 BUTTON ASM END OF FILE
20	538677 SPRING-SW	52	79086 NUT PNL MTG	80	614031 BUTTON ASM RD STOP
22	601093 SCREW-BLOCK MTG	53	81693 SCREW GUARD MTG	81	614032 BUTTON ASM RD START
24	609185 SWITCH ASM INLK	54	165010 PLUG + INSERT ASM	82	614055 GUARD SW BRACKET
25	609189 BUTTON READER ON	55	185197 BLOCK LIGHT	85	719293 BULB LIGHT
26	609190 BUTTON PUNCH ON	56	438549 SCREW TERM BLK MTG	86	719439 BULB
27	609191 BUTTON NON PROCESS	57	129243 JUMPER ASM	88	1091508 WASHER SHIELD STUD
28	609201 BUTTON -LOAD	58	302131 INSULATION TERM BLK	PARTS NOT INCLUDED WITH ASSEMBLIES	
29	609285 PANEL SWITCH BLUE	59	336628 NUT SW MTG	95	81693 SCREW-BRKT MTG
29	609708 PANEL SWITCH CHARCOAL	60	205329 JUMPER		

FILE FEED ASM. I



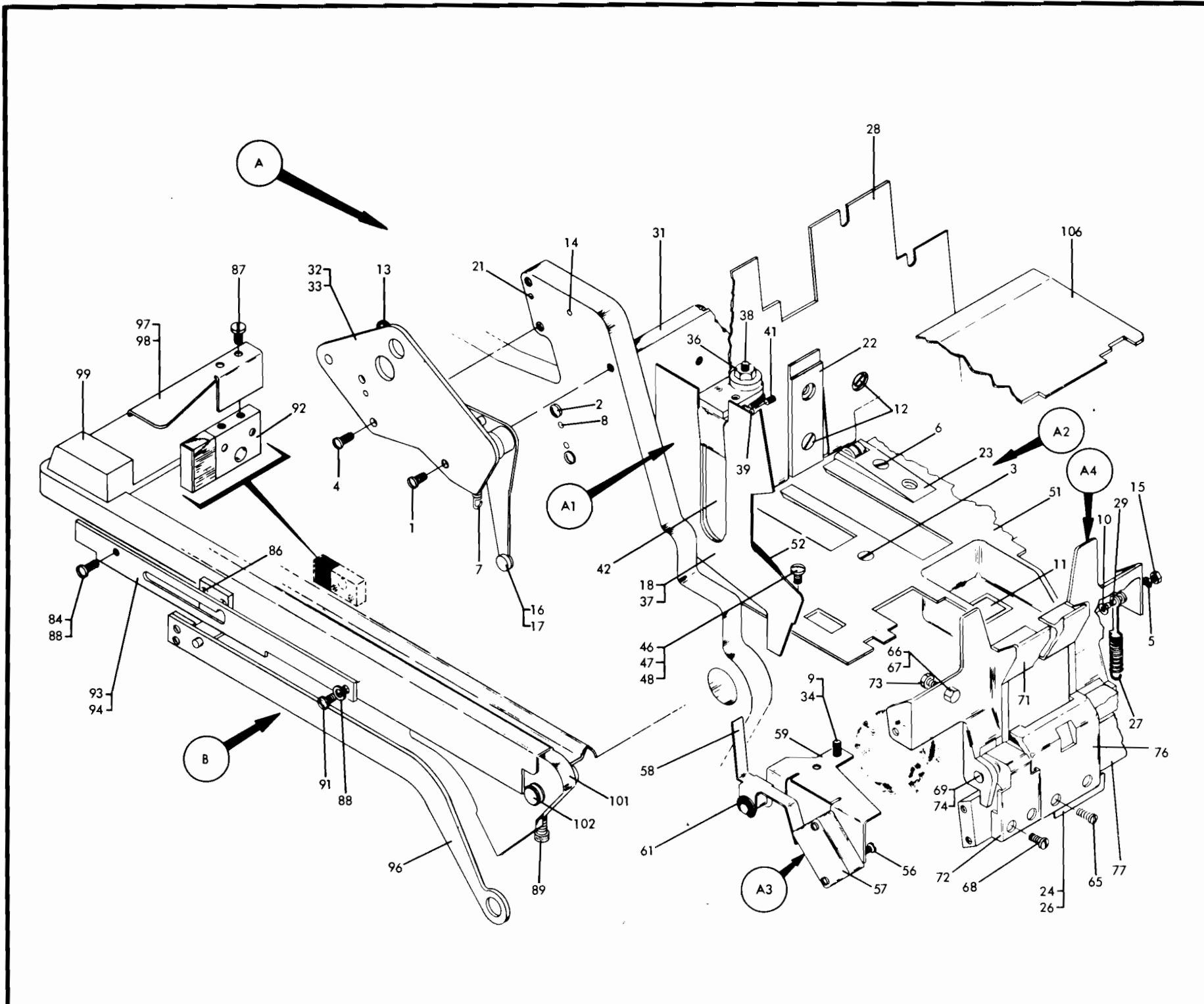
- * A 609110 READER ASM 1402 1
- * A 614006 READER ASM 1402 2
FOR REMAINDER OF THIS ASM
SEE FIGS 5 THRU 12
- 1 119 SCREW TRAY SUPPORT
- 2 641 SCREW GDE BLK MTG
- 3 2179 SCREW-BED PLATE
- 4 3153 SCREW TRAY SUPPORT
- 5 56722 WASHER
- 6 55918 SCREW BLOCK MTG
- 7 58851 SPRING-JOGLLER
- 8 127735 TAPER PIN
- 9 130562 SCREW-CARD POST
- 10 147297 C CLIP JOG GATE SPR
- 11 196833 DECAL BED PLATE
- 12 225859 SCREW-PLATE MTG
- 13 257700 CLIP-MAGAZINE MTG
- 14 259823 DOWEL PIN-FILE FD MTG
- 15 257187 NUT
- 16 327551 LEVER ASM-RH
- 17 327552 LEVER ASM-LH
- 18 327569 PLATE-RIGHT SIDE
- 19 327593 BRACKET TRAY SUPPORT RIGHT
- 21 327862 PIN FILE FD MTG
- 22 336151 BLOCK THROAT KNIFE
- 23 336232 BLOCK THROAT ROLLER
- 24 369384 SHIM CARD GUIDE ADJ .0 30 THICK
- 26 369385 SHIM CARD GUIDE ADJ .0159 THICK
- 27 603767 SPRING JOGLLER
- 28 602194 PLATE-BACK FILE FEED
- 29 602437 BRACKET TRAY SUPPORT LEFT
- 30 603956 STUD
- 31 602446 TIE BAR HOPPER
- 32 1090873 LOCKWASHER-CARD POST

- A1 327576 PLATE ASM-JOGLLER
- 36 257189 NUT JOGLLER ADJ SCR
- 37 327557 PLATE LEFT SIDE
- 38 327580 SCREW JOGLLER ADJ
- 39 327619 SHAFT SIDE JOGLLER PIVOT
- 41 328833 SCREW JOG PIV SFT
- 42 603200 JOGLLER ASM CARD SIDE
- A2 602139 BED PLATE ASM FD
- 46 22066 WSHR CD DECK SUPP SPG
- 47 52522 SCR CD DECK SUPP SPG
- 48 257186 NUT CD DECK SUPP SPG
- 49 336305 SPRING CD DECK SUPP
- 51 602192 BED PLATE FILE FEED
- A3 602362 SWITCH ASM
- 56 38266 SCR SWITCH MTG
- 57 228093 SWITCH-JOGLLER INTLK
- 58 602388 LEVER-JOGLLER INTLK
- 59 602639 BRKT ASM-JOG INTLK MTG
- 61 1092125 CLIP-JOG INTLK LEV MTG
- A4 602426 JOGLLER ASM
- 66 232 SCR PKR KN GD MTG
- 67 24511 SPACER JOGLLER ADJ
- 68 234321 SCR FT JOG PIV BLK MTG
- 69 327605 STUD-FR JOGLLER PIVOT
- 71 327694 PLATE ASM FRONT JOGLLER
- 72 327695 TAP NUT JOGLLER ADJ ACREW
- 73 327697 BLOCK ASM-FR JOGLLER PIV
- 74 327871 SCREW JOGLLER ADJ
- 76 328833 SET SCR FR JOG PIV STUD
- 77 369383 GUARD PICKER KNIFE
- 78 602203 BAR CD POST SUPPORT

- B 602877 MAGAZINE ASM UPR
- 84 1413 SCREW BRKT SUPP LINK UP
- 86 38454 SCREW MAG BUMPER BLK
- 87 55726 SCREW GUARD MTG
- 88 60646 LWSHR BRKT SUPP LINK LWR
- 89 306063 SCR BRKT SUPP LINK LWR
- 91 327648 TRIM UPPER MAGAZINE
- 92 327868 BLOCK ASM BUMPER MAG
- 92 327869 BRKT SUPP LINK STP FR
- 93 327869 BRKT SUPP LINK STPFRONT
- 94 327883 BRKT SUPP LINK STP REAR
- 96 602889 HANDLE AND STRUT ASM
- 97 602912 MAG AND HINGE ASM
- 98 603207 GUARD FD TRAY HANDLE RT
- 99 603208 GUARD FD TRAY HANDLE LT
- 106 609720 PARTS NOT INCLUDED WITH ASSEMBLIES
CARD WEIGHT ASM READ
* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

1402 FIG. 5

FILE FEED ASM. (REDESIGNED) I



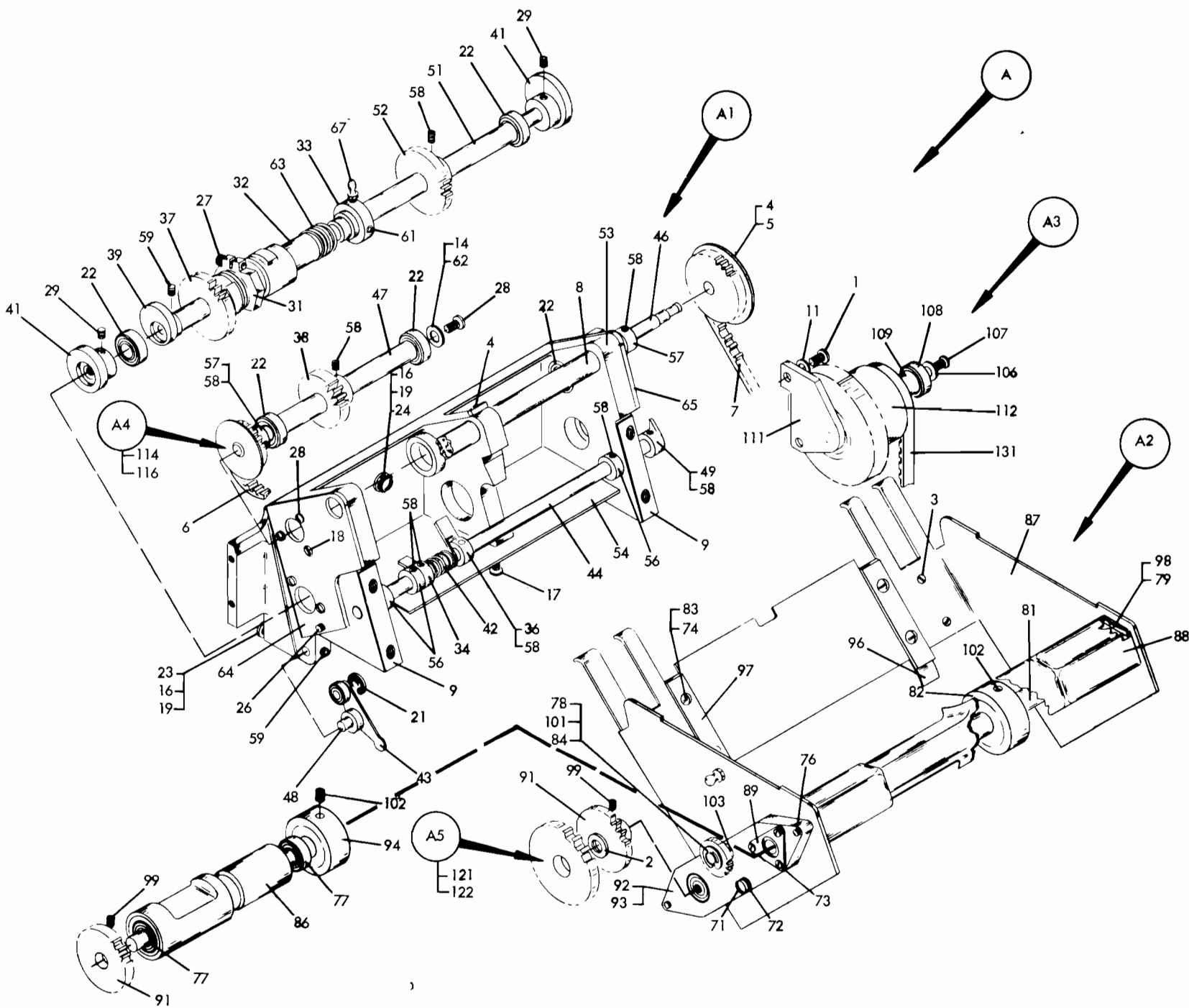
- * A 609110 READER FEED ASM 1402-1
- * A 614006 READER FEED ASM 1402-2
- * A 610580 READER ASM 1402 3
- * A 614380 READER FEED ASM 1402-4
FOR REMAINDER OF THIS ASM
SEE FIGS 5 THRU 12
- 1 119 SCREW TRAY SUPPORT
- 2 641 SCREW CD GDE MTG
- 3 2179 SCREW-BED PLATE
- 4 3153 SCREW TRAY SUPPORT
- 5 56722 WASHER
- 6 55918 SCR THROAT ROLL BLK MTG
- 7 58851 SPRING-JOGLER
- 8 127735 TAPER PIN
- 9 130562 SCREW-CARD POST
- 10 147297 C CLIP JOG PLATE SPR
- 11 196833 DECAL BED PLATE
- 12 225859 SCREW-PLATE MTG
- 13 257700 CLIP-MAGAZINE MTG
- 14 259823 DOWEL PIN-FILE FD MTG
- 15 257187 NUT
- 16 327551 LEVER ASM-RH
- 17 327552 LEVER ASM-LH
- 18 327569 PLATE-RIGHT SIDE
- 21 327862 PIN FILE FD MTG
- 22 336151 BLOCK ASM THROAT KNIFE
- 23 336232 BLOCK ASM THROAT ROLLER
- 24 369384 SHIM CARD GUIDE ADJ .0 30 THICK
- 26 369385 SHIM CARD GUIDE ADJ .0159 THICK
- 27 603767 SPRING JOGLER
- 28 602194 PLATE-BACK FILE FEED
- 29 603956 STUD
- 31 602446 TIE BAR HOPPER
- 32 603823 BRKT ASM TRAY SUPPORT LEFT
- 33 603825 BRKT ASM TRAY SUPPORT RIGHT
- 34 1090873 LOCKWASHER-CARD POST

- A1 327576 PLATE ASM-JOGLER
- 36 257189 NUT JOGLER ADJ SCR
- 37 327557 PLATE JOG LEFT SIDE
- 38 327580 SCREW JOGLER ADJ
- 39 327619 SHAFT SIDE JOGLER PIVOT
- 41 328833 JOGGER JOG PIV SFT
- 42 603200 JOGGER ASM CD SIDE
- A2 602139 BED PLATE ASM FD
- 46 22066 WSHR CD DECK SUPP SPG
- 47 52522 SCR CD DECK SUPP SPG
- 48 257186 NUT CD DECK SUPP SPG
- 51 602192 BED PLATE FILE FEED
- 52 609780 SPRING CD DECK SUPP
- A3 602362 SWITCH ASM
- 56 38266 SCR SWITCH MTG
- 57 228093 SWITCH-JOGLER INTLK
- 58 602388 LEVER-JOGLER INTLK
- 59 602639 BRKT ASM-JOG INTLK MTG
- 61 1092125 CLIP-JOG INTLK LEV MTG
- A4 602426 JOGGLER ASM
- 65 232 SCR PKR KN GD MTG
- 66 24511 SPACER JOGLER ADJ
- 67 163518 NUT JOGLER ADJ SCR
- 68 234321 SCR FT JOG PIV BLK MTG
- 69 327605 PLATE-FR JOGGLER PIVOT
- 71 327694 STUD ASM FRONT JOGGLER
- 72 327697 BLOCK ASM-FR JOGGLER PIV
- 73 327871 SCR CBM JOGGLE ADJ
- 74 328833 SET SCR FR JOG PIV STUD
- 76 369383 GUARD PICKER KNIFE
- 77 603890 BAR CD POST SUPPORT

- B 603781 MAGAZINE ASM UPR
- 84 1413 SCREW BRKT SUPP LINK UP
- 86 38454 SCREW MAG BUMPER BLK
- 87 55726 SCREW GUARD MTG
- 88 60646 LWHR BRKT SUPP LINK UP
- 89 149897 SCREW FILE FD TRAY PIVOT
- 91 306063 SCR BRKT SUPP LINK LWR
- 92 327868 BLOCK ASM BUMPER MAG
- 93 327869 BRKT SUPP LINK STP FR
- 94 327883 BRKT SUPP LINK STP REAR
- 96 602889 HANDLE AND STRUT ASM
- 97 603950 GUARD FD TRAY HANDLE R
- 98 603951 GUARD FD TRAY HANDLE L
- 99 603771 TRIM UPPER MAGAZINE
- 101 603780 MAGAZINE AND HINGE ASM
- 102 603821 STUD FILE FD TRAY PIVOT
PARTS NOT INCLUDED WITH ASSEMBLIES
- 106 609720 CARD WEIGHT ASM READ

1402 FIG. 5A

FILE FEED ASM. II

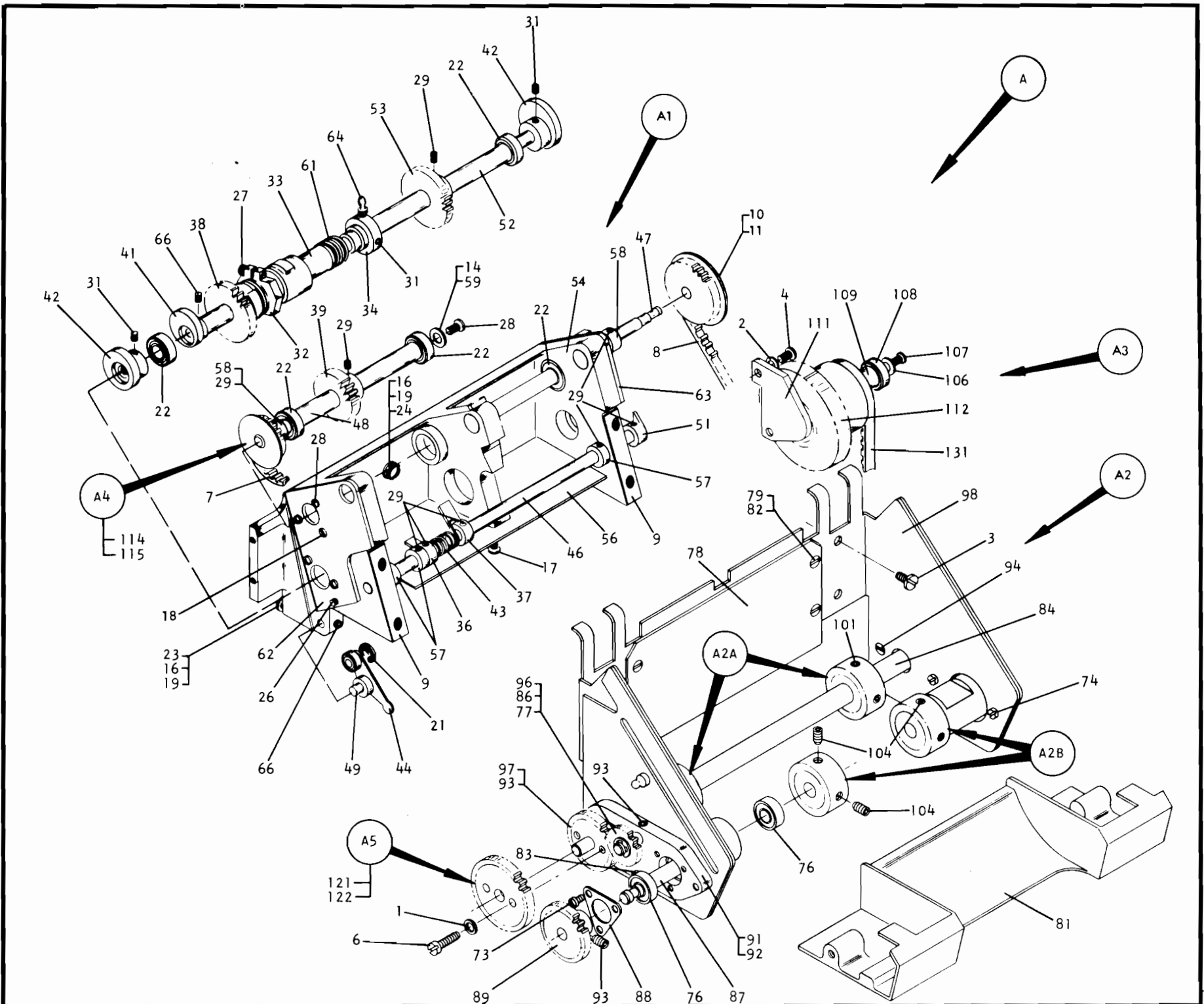


- * A 609110 READER FEED ASM 1402-1
- * A 614006 READER FEED ASM 1402-2
FOR REMAINDER OF THIS ASM
SEE FIGS 5 THRU 12
- 1 2031 SCREW IDLER ASM
- 2 25018 WASHER PULLEY MTG
- 3 225859 SCREW-PLATE MTG
- 4 257970 SET SCREW FILE FD MTG
- 5 602440 PULLEY FILE FEED
- 6 602439 BELT-TIMING
- 7 602442 BELT-TIMING
- 8 602824 SHAFT FILE FEED
- 9 603554 SHIM LOWER MAGAZINE ASM
- 11 1090873 L WASHER IDLER ASM
- A1 327607 DRIVE ASM-FILE FEED
- 14 10610 WASHER
- 16 22478 WASHER DISK MTG
- 17 38352 SCR DRIVE GEAR COVER
- 18 38434 SCREW FR + REAR PL
- 19 55901 L WASHER MULTIPLE USAGE
- 21 60488 CLIP JOGGLE CAM FOLL ARM
- 22 110129 BRG DRIVE SHAFT
- 23 186758 SCR HOP BK PLATE
- 24 186759 SCR HOP BK PLATE
- * 26 216837 PIN PK KNIFE SFT MTG
- 27 228348 SCREW CLUTCH COLL MTG
- 28 236550 SCREW 2ND CMN BR MTG
- 29 257973 SCREW FR JOG CAMS
- 31 309747 COLLAR CLUTCH
- 32 313381 SLEEVE ASM CLUTCH
- 33 327562 HUB CLUTCH INPUT
- 34 327563 LEVER CLUTCH DETENT
- 36 327564 LEVER CLUTCH
- 37 327568 DETENT + JKG ASM
- 38 327575 GEAR INPUT DRIVE
- 39 327581 CAM SIDE JOGGLE

- 41 327582 CAM FRONT JOGGLE
- 42 327584 SPRING CLUTCH DETENT
- 43 327590 ARM A SIDE JOG CAM FOLL
- 44 327594 SHAFT CLU DETENT PIV
- 46 327595 SHAFT CONT DRV INPUT
- 47 327596 SHAFT CLU OUTPUT
- 48 327599 STUD IDLER GR PIVOT
- 49 327600 LEVER CLUTCH OPERATING
- 51 327606 SHAFT MAIN DRIVE
- 52 327631 GEAR OUTPUT DRIVE
- 53 327642 HOUSING A DRIVE
- 54 327647 COVER DRIVE GEAR
- 56 327686 COLLAR CLU DNT PIV SFT
- 57 327863 COLLAR INPUT + OUTPU
- 58 328815 SET SCREW MULTIPLEUSAGE
- 59 328816 SET SCREW MULTIPLEUSAGE
- 61 328817 SET SCREW CLU HUB
- 62 338169 LKWASH SIT BRG MTG
- 63 340728 SPRING CLUTCH
- 64 347594 PLATE FRONT SUPPORT
- 65 347595 PLATE REAR SUPPORT
- 67 438145 FITTING GREASE
- A2 602427 MAGAZINE ASM LOWER
- 71 2031 SCR BRG RETAINER MTG
- 72 6318 LWSHR CD FD RL COVER MTG
- 73 38262 SCR BRG RETAINER MTG
- 74 38442 SCR LWR MAG GUIDE MTG
- 76 81693 SCR FD RL HSG MTG
- 77 110129 BEARING FD RL DRIVE SFT
- 78 192049 CLIP IDLER GEAR RET
- 79 322550 SCR FD RL COVER BLOCK
- 81 327545 SHAFT FD RL DR LONG
- 82 327548 FEED ROLL ASM
- 83 327583 SPEED NUT THROAT GDE MTG
- 84 327585 GEAR IDLER

- 86 327598 SHAFT FD RL SHORT
 - 87 327612 MAGAZINE AND STUD ASM
 - 88 327621 COVER CARD FD ROLL
 - 89 327627 RETAINER DR SFT BRG
 - 91 327635 GEAR FD RL DRIVE
 - 92 327644 HOUSING ASM FD RL LH
 - 93 327645 HOUSING ASM FD RL RH
 - 94 327677 FEED ROLL ASM
 - 96 327715 GUIDE THROAT
 - 97 327716 RETAINER THROAT GUIDE
 - 98 327882 BLOCK FD RL CVR
 - 99 328815 SET SCR DRIVE GEAR
 - 101 328816 SET SCR IDLER GEAR
 - 102 328817 SET SCR FD RL ASM
 - 103 602433 STUD IDLER GEAR PIVOT
 - A3 602434 IDLER ASM-FILE FD
 - 106 22478 WSHR-FILE FD ID BRG RET
 - 107 81693 SCR FILE FD ID BRG RET
 - * 108 110129 BRG FILE FEED IDLER
 - * 109 602416 SPACER - IDLER PULL BRG
 - 111 602420 STUD ASM-ID PULL MTG RR
 - 112 602435 PULLEY - FILE FD IDLER
 - A4 609588 PULLEY ASM FILE FD
 - 114 257968 SET SCREW
 - 115 602429 PULLEY ASM
 - A5 609589 PULLEY ASM FILE FD
 - 121 257974 SET SCREW
 - 122 602432 PULLEY
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 131 609170 BELT FILE FEED DRIVE
USED ON 1402-1, 2 + 3 ONLY
 - 131 602443 BELT FILE FEED DRIVE
USED ON 1402-4 ONLY
* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

FILE FEED ASM. (REDESIGNED) II

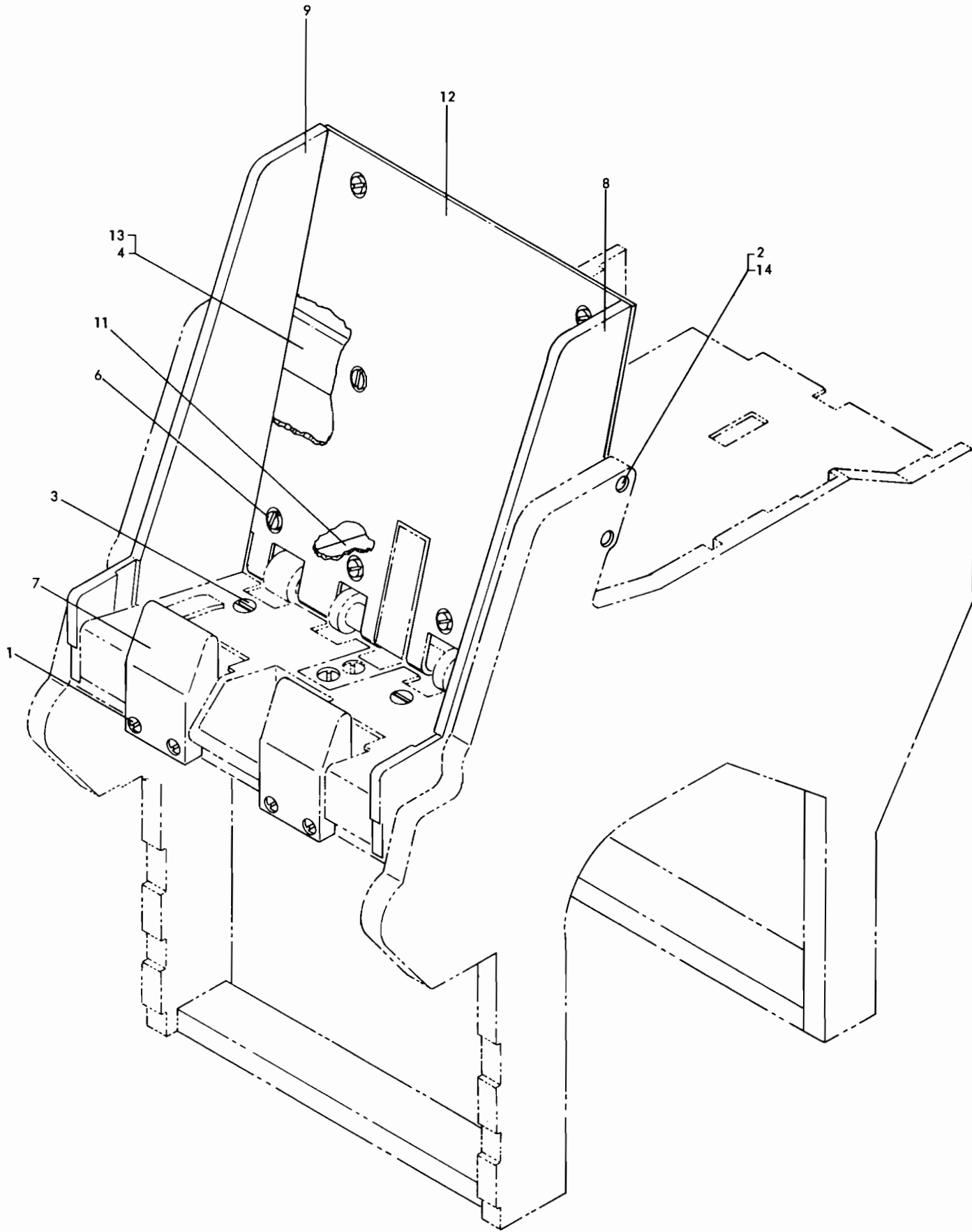


- * A 609110 READER FEED ASM 1402-1
- * A 614006 READER FEED ASM 1402-2
- * A 610580 READER FEED ASM 1402-3
- * A 614380 READER FEED ASM 1402-4
FOR REMAINDER OF THIS ASM
SEE FIGS 5 THRU 12
- 1 45642 WSHR PULLEY ASM
- 2 150566 WASHER-BRG RET
- 3 225859 SCREW-PLATE MTG
- 4 234321 SCREW LWR FD ROLL PULL
- 6 336324 SCR PULLEY ASM
- 7 602439 BELT-TIMING
- 8 602442 BELT-TIMING
- 9 603554 SHIM LOWER MAGAZINE ASM
- 10 602440 PULLEY FILE FD
- 11 257971 SCR FILE FD PULLEY
- A1 327607 DRIVE ASM-FILE FEED
- 14 10610 WASHER
- 16 22478 WASHER MULTIPLE USAGE
- 17 38352 SCR DRIVE GEAR COVER
- 18 38434 SCREW FR + REAR PL
- 19 55901 L WASHER MULTIPLE USAGE
- 21 60488 CLIP JOGGLE CAM FOLL ARM
- 22 110129 BRG DRIVE SHAFT
- 23 186758 SCR HOP BK PLATE
- 24 186759 SCR HOP BK PLATE
- * 26 216837 PIN TAPER
- 27 228348 SCREW CLUTCH COLL MTG
- 28 236550 SCREW
- 29 257969 SCR CLU LEV + COL
- 31 257973 SCREW FR JOG CAMS
- 32 309747 COLLAR CLUTCH
- 33 313381 SLEEVE ASM CLUTCH
- 34 327562 HUB CLUTCH INPUT
- 36 327563 LEVER CLUTCH DETENT

- 37 327564 LEVER CLUTCH
- 38 327568 DETENT + BRG ASM
- 39 327575 GEAR INPUT DRIVE
- 41 327581 CAM SIDE JOGGLE
- 42 327582 CAM FRONT JOGGLE
- 43 327584 SPRING CLUTCH DETENT
- 44 327590 ARM A SIDE JOG CAM FOLL
- 46 327594 SHAFT CLU DETENT PIV
- 47 327595 SHAFT CONT DRV INPUT
- 48 327596 SHAFT CLU OUTPUT
- 49 327599 STUD IDLER GR PIVOT
- 51 327600 LEVER CLUTCH OPERATING
- 52 327606 SHAFT MAIN DRIVE
- 53 327631 GEAR OUTPUT DRIVE
- 54 327642 HOUSING A DRIVE
- 56 327647 COVER DRIVE GEAR
- 57 327686 COLLAR CLU DNT PIV SFT
- 58 327863 COLLAR INPUT + OUTPU
- 59 338169 LWASHER-HOPPER SW MTG
- 61 340728 SPRING CLUTCH
- 62 347594 PLATE FRONT SUPPORT
- 63 347595 PLATE REAR SUPPORT
- 64 438145 FITTING GREASE
- 66 1100523 SCR JOG FOL ARM
- A2 603770 MAGAZINE ASM LOWER
- 73 38262 SCR BRG RETAINER MTG
- 74 81693 SCR FD RL HSG MTG
- 76 110129 BEARING FD RL DRIVE SFT
- 77 192049 CLIP IDLER GEAR RET
- 78 209182 GUIDE THROAT FILE FEED
- 79 209184 SCR LWR MAG GUIDE MTG
- 81 212903 COVER CARD FD ROLL
- 82 212912 SPEED NUT THROAT GDE MTG
- 83 234323 SCR CD FD RL COV MTG
- 84 327545 SHAFT FD RL DR LONG
- 86 327585 GEAR IDLER

- 87 327598 SHAFT FD RL SHORT
- 88 327627 RETAINER OR SFT BRG
- 89 327635 GEAR FD RL DRIVE
- 91 327644 HOUSING ASM FD RL LH
- 92 327645 HOUSING ASM FD RL RH
- 93 328816 SET SCR IDLER GEAR
- 94 438573 SCREW FD RL COV BLOCK
- 96 602433 STUD IDLER GEAR PIVOT
- 97 603020 GEAR
- 98 603817 MAGAZINE AND STUD ASM
- A2A 209146 FEED ROLL ASM
- 101 257971 SET SCREW
- A2B 209147 FEED ROLL ASM
- 104 257971 SET SCREW
- A3 602434 IDLER ASM-FILE FD
- 106 22478 WSHR-FILE FD ID BRG RET
- 107 81693 SCR FILE FD ID BRG RET
- 108 110129 BRG FILE FEED IDLER
- 109 602416 SPACER - IDLER PULL BRG
- * 111 602420 STUD ASM-ID PULL MTG RR
- 112 602435 PULLEY - FILE FD IDLER
- A4 609588 PULLEY ASM-FILE FD
- 114 257969 SET SCREW
- 115 602429 PULLEY ASM
- A5 609589 PULLEY ASM-FILE FD
- 121 257975 SET SCREW
- 122 602432 PULLEY
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 131 609170 BELT FILE FEED DRIVE
USED ON 1402-1, 2 + 3 ONLY
- 131 602443 BELT FILE FEED DRIVE
USED ON 1402-4 ONLY
* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

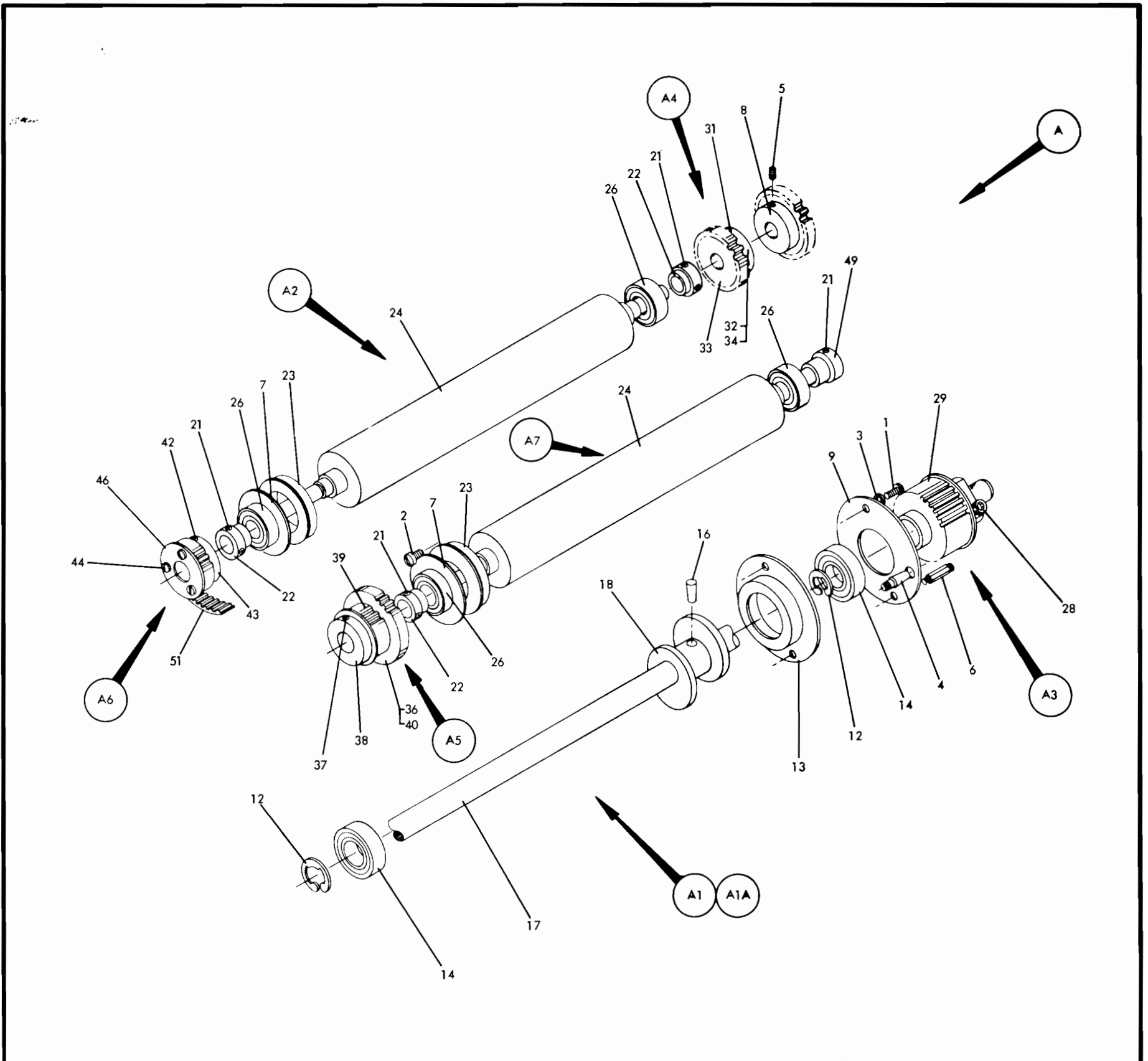
READER FEED ASM. (1402-5)



- A 614203 READER FEED ASM
 USED ON 1402-5 ONLY
 FOR REMAINDER OF THIS ASM
 SEE FIGS 5 THRU 12
- | | | | |
|----|---------|------------------|----------------|
| 1 | 232 | SCREW | BLOCK MTG |
| 2 | 2031 | SCREW | TIE BAR |
| 3 | 2179 | SCREW | BED PLATE |
| 4 | 170228 | SCREW | TIE BAR |
| 6 | 225859 | SCREW | PLATE BACK HPR |
| 7 | 336144 | POST | HOPPER |
| 8 | 336165 | SIDE PLATEHOPPER | RIGHT |
| 9 | 336166 | SIDE PLATEHOPPER | LEFT |
| 11 | 602137 | PLATE A | BED |
| 12 | 602240 | SUPPORT | CARD DECK |
| 13 | 602971 | TIE BAR | HOPPER |
| 14 | 1090873 | LOCKWASHER | HOPPER MTG |

1402 FIG. 7

CAM SHAFT & CONTACT ROLL ASMS.



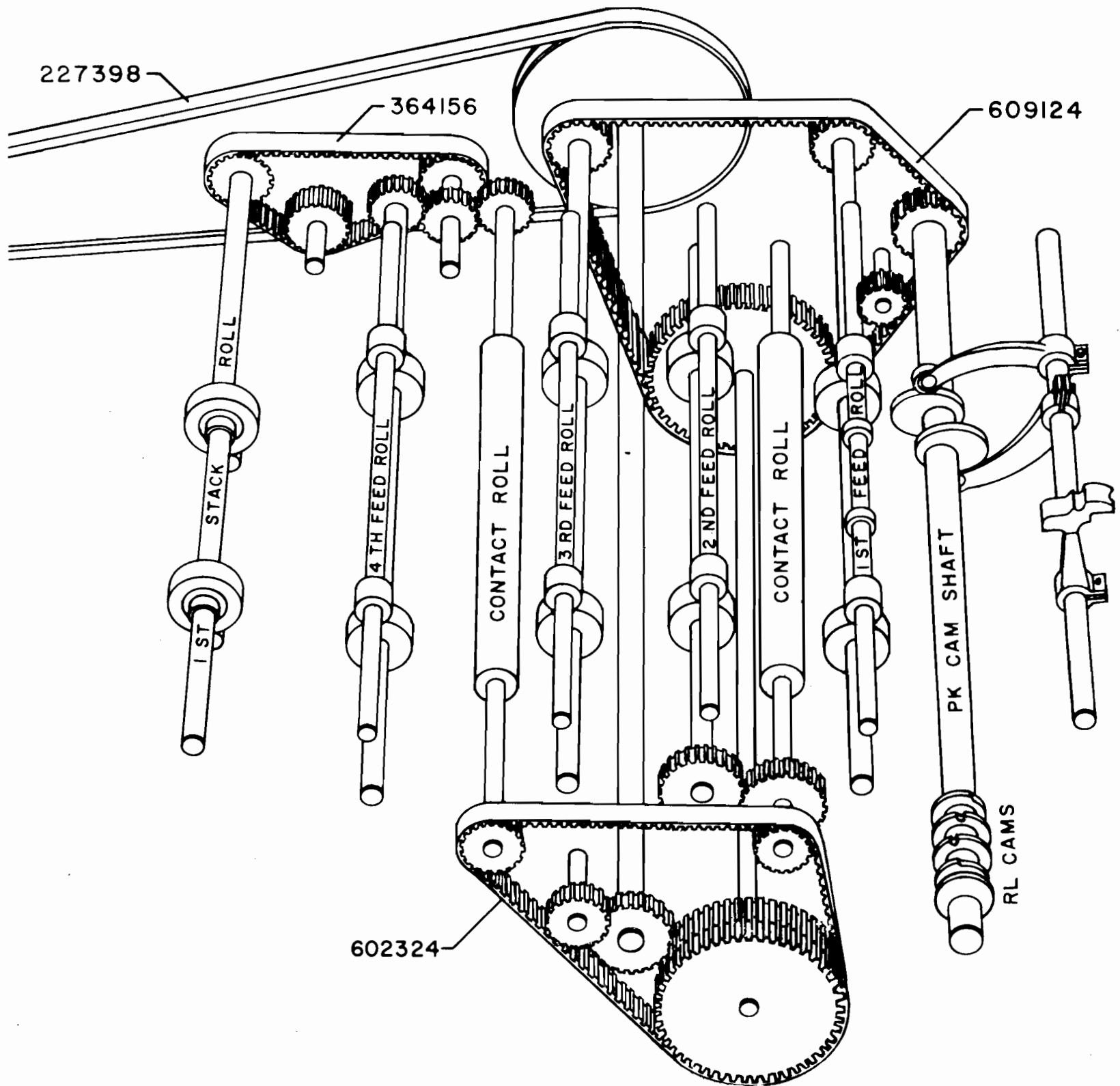
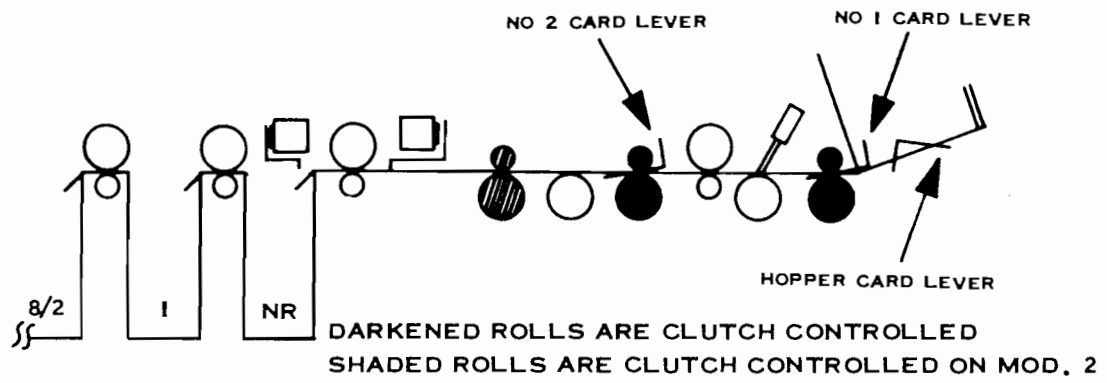
- * A 609110 READER FEED ASM 1402-1
- * A 614006 READER FEED ASM 1402-2
- * A 610580 READER FEED ASM 1402-3
- * A 614380 READER FEED ASM 1402-4
- * A 614203 READER FEED ASM 1402-5
FOR REMAINDER OF THIS ASM
SEE FIGS 5 THRU 12
- 1 25627 SCREW BRG RET MTG
- 2 38235 SCREW-BRG RET
- 3 60646 WASHER BEARING RET
- 4 216837 PIN PK KNIFE SFT MTG
- 5 257974 SET SCREW 2ND CONTACT RL
USED ON 1402-2 ONLY
- 6 327614 STUD JOGGLER SPRING
- 7 602217 PLATE-BRG RET
- 8 602474 GEAR ASM 2ND CONTACT RL
USED ON 1402-2 ONLY
- 9 602647 WASHER BEARING
- A1 602880 SHAFT ASM CAM
USED ON 1402-1 PRIOR TO
PHOTO EMITTER ASM
USED ON 1402-2 ALSO
- 12 219743 CLIP
- 13 602648 RETAINER
- 14 613874 BEARING

- A1A 602254 SHAFT ASM CAM
- 16 255597 TAPER PIN-PKR KNIFE CAM
- *17 602250 SHAFT-CAM
- *18 603772 CAM PICKER KNIFE
- A2 602885 CONTACT ROLL ASM 2ND BRONZE
- A2 603547 CONTACT ROLL ASM 2ND CARBON
- 21 257968 SET SCREW
- 22 336310 COLLAR
- 23 602216 HUB
- 24 603087 ROLL ASM CONTACT CARBON
- 24 602155 ROLL ASM CONTACT BRONZE
- 26 613875 BEARING
- A3 609581 PULLEY ASM CAM SFT
- 28 129654 SET SCREWS CAM SFT
- 29 602496 PULLEY ASM CAM SFT
- A4 609582 GEAR ASM-CONT RL
- 31 257973 SET SCREW
- 32 364155 COLLAR
- 33 364164 GEAR
- 34 512508 SCREW

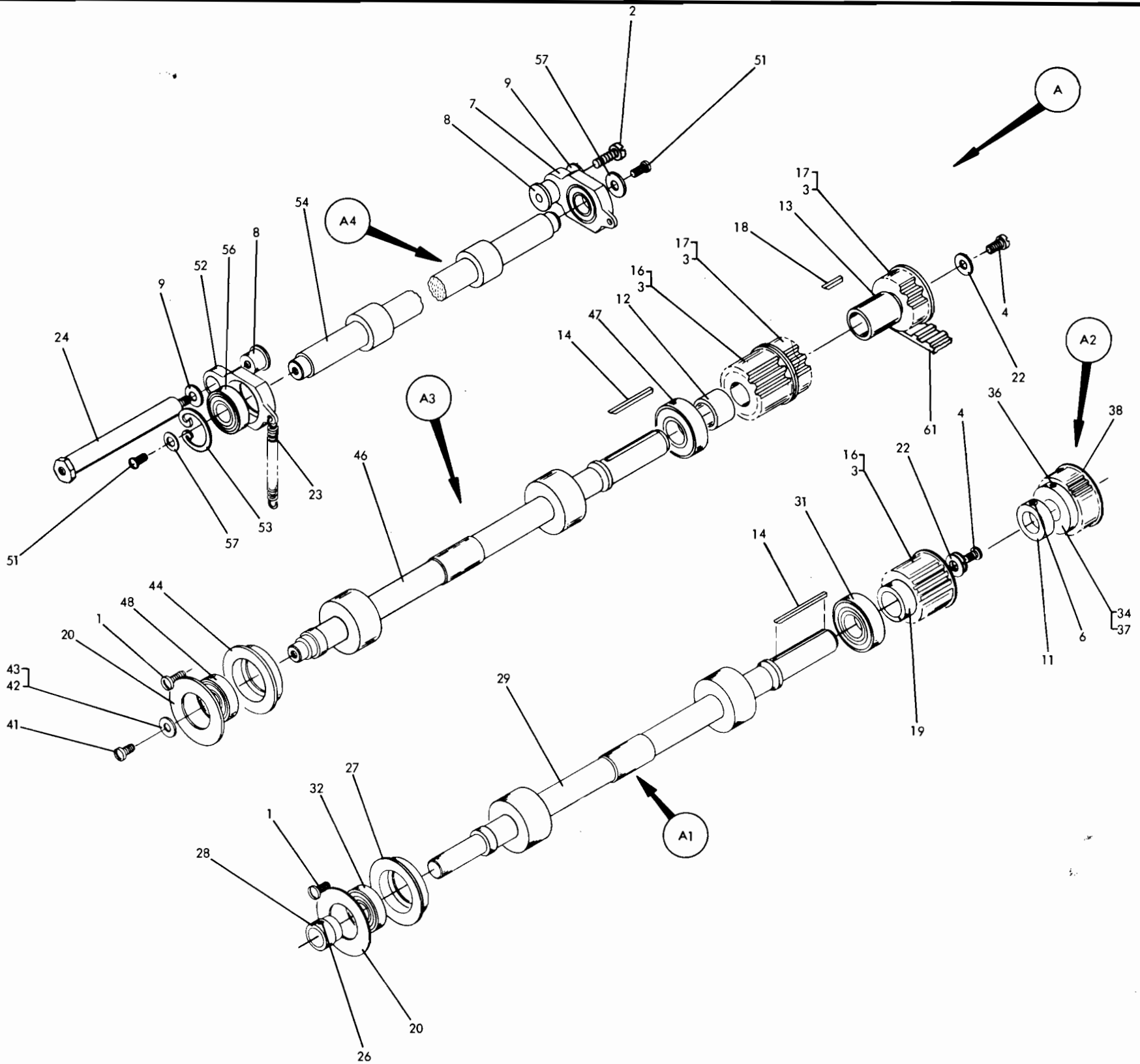
- A5 609584 PULLEY + GEAR ASM CONT RL
- 36 38359 SCREW
- 37 257973 SET SCREW
- 38 336254 COLLAR
- 39 602230 PULLEY
- 40 609113 GEAR
- A6 609585 PULLEY ASM CONT RL
- 42 209077 SET SCREW
- 43 336254 COLLAR
- 44 336324 SCREW
- 46 602230 PULLEY
- A7 609778 CONTACT ROLL ASM 1ST CARBON
- A7 609498 CONTACT ROLL ASM 1ST BRONZE
- 49 609122 COLLAR
- FOR REMAINDER OF PARTS SEE ASM A2
PARTS NOT INCLUDED WITH ASSEMBLIES
- 51 602324 BELT CONTACT ROLL
* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

1402 FIG. 8

READER FEED BELT DIAGRAMS



LOWER FEED ROLL ASMS



- *A 609110 READER FEED ASM 1402-1
- *A 614006 READER FEED ASM 1402-2
- *A 610580 READER FEED ASM 1402-3
- *A 614380 READER FEED ASM 1402-4
- *A 614203 READER FEED ASM 1402-5
- FOR REMAINDER OF THIS ASM
- SEE FIGS 5 THRU 12
- 1 38235 SCREW-BRG RET FD ROLL
- 2 19944 SCREW BRG HANGER MTG
- 3 151720 SET SCREW PULLEY
- 4 234321 SCREW LWR FD ROLL PULL
- 6 257968 SET SCREW HUB
- 7 336146 HANGER-BRG
- 8 336152 SLEEVE BRG
- 9 336323 WASHER-BRG RET
- 11 364196 COLLAR BRG-RET
- 12 602278 SPACER FD ROLL LWR
- 13 602280 SPACER 4TH LOWER
- 14 602314 KEY FD ROLL PULL
- 16 602452 PULLEY ASM-LWR FD RL
- 17 602483 PULLEY 3RD + 4TH LUR FD RL
- USED ON 1402-2 ONLY
- 18 602497 KEY PULLEY MTG
- 19 602670 SPACER-LWR FD RL PULL
- 20 603116 RETAINER BRG
- 22 603844 WASHER LWR FD ROLL PULL
- 23 609112 SPRING FEED ROLL
- USED WITH CORK FEED ROLLS
- 23 610224 SPRING FEED ROLL
- USED WITH HYPALON FEED ROLLS
- 24 609460 STUD-SHIELD MTG

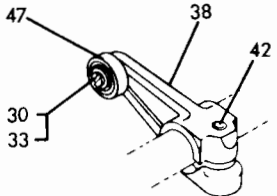
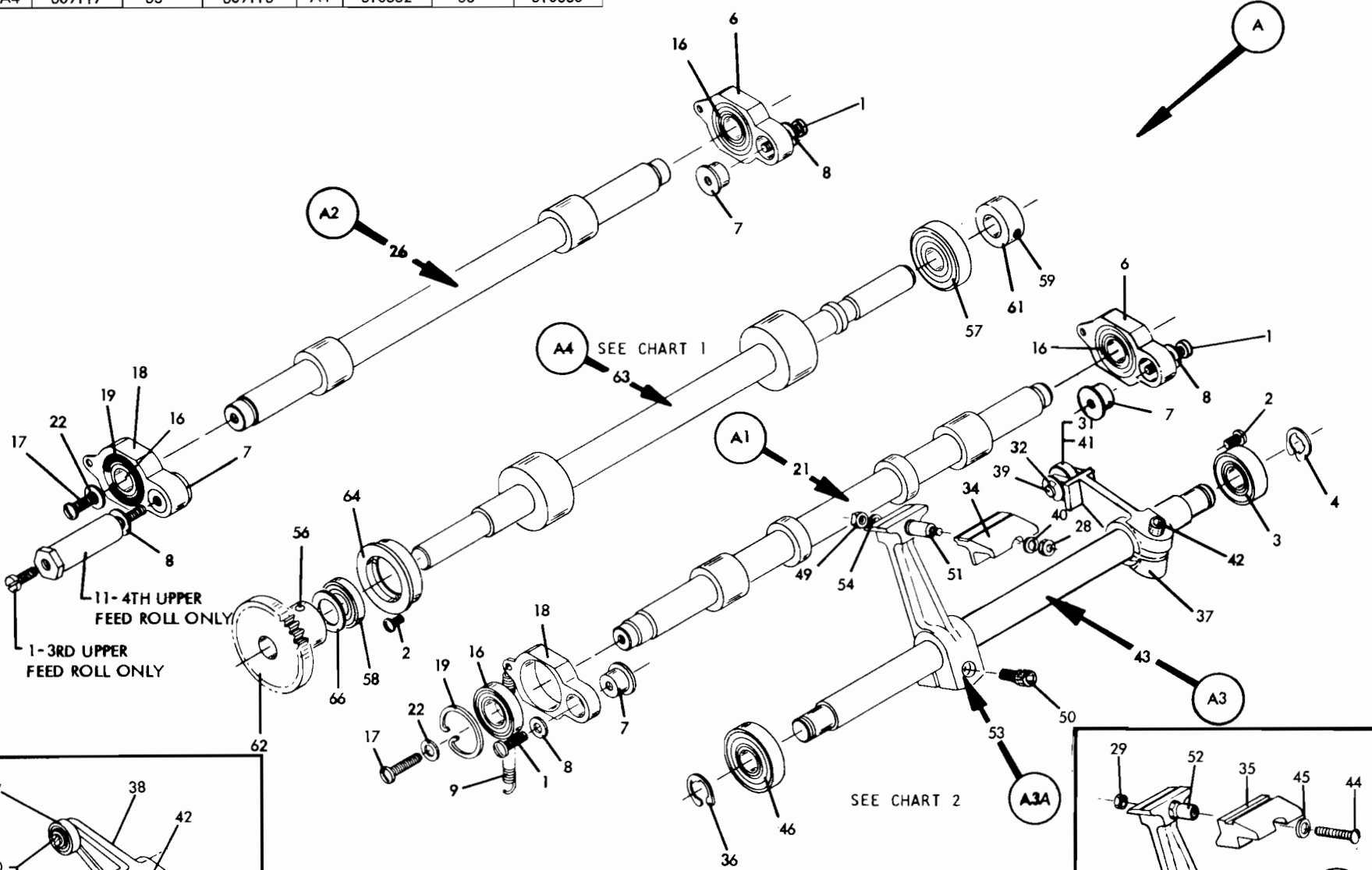
- A1 609488 1ST, 3RD + 4TH LWR FD RL ASM CORK
- A1 610331 1ST, 3RD + 4TH LWR FD RL ASM HYPALON
- FOR 1402-2 3RD 4TH LWR FEED ROLLS
- SEE ASM A3
- 26 257968 SET SCREW FEED ROLL
- 27 336270 HOUSING FEED ROLL BRG
- 28 336310 COLLAR FEED ROLL
- 29 609487 SHAFT ASM FEED ROLL
- USED ON 609488 ONLY
- 29 610329 SHAFT ASM FEED ROLL
- USED ON 610331 ONLY
- 31 613874 BEARING FEED ROLL
- 32 613875 BEARING FEED ROLL
- A2 609583 GEAR ASM-FD RL
- 34 35739 SCREW GEAR MTG
- 36 257971 SET SCREW
- 37 364022 HUB GEAR
- 38 364154 GEAR

- A3 602882 3RD 4TH LWR FD RL ASM CORK
- A3 610334 3RD 4TH LWR FD RL ASM HYPALON
- USED ON 1402-2 ONLY
- 41 845 SCREW FEED ROLL
- 42 60646 LWHR FEED ROLL
- 43 102691 WASHER FEED ROLL
- 44 336270 HOUSING FEED ROLL BRG
- 46 602261 SHAFT ASM FEED ROLL
- USED ON 602882 ONLY
- 46 610333 SHAFT ASM FEED ROLL
- USED ON 610334 ONLY
- 47 613874 BEARING FEED ROLL
- 48 613875 BEARING FEED ROLL
- A4 602884 FEED ROLL ASM-2ND LOWER
- 51 234321 SCREW
- 52 336153 HANGER
- 53 336320 CLIP
- 54 602209 SHAFT
- 56 613875 BEARING
- 57 1090448 WASHER
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 61 602268 BELT DRIVE
- USED ON 1402-2 ONLY

1402 FIG. 9

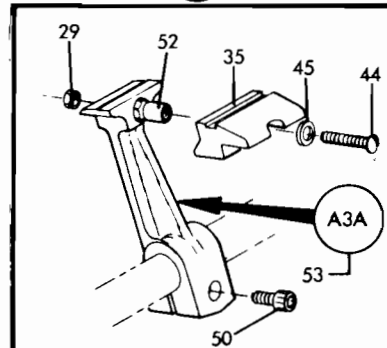
PICKER KNIFE SHAFT & UPPER FEED ROLL ASMS.

CHART 1			
CORK FEED ROLL		HYPALON FEED ROLL	
ASM	PART NO.	REF NO.	PART NO.
A4	609117	63	609116
A4	610332	63	610330



REDESIGNED ARM

CHART 2			
STEEL PICKER KNIFE		PLASTIC PICKER KNIFE	
ASM	PART NO.	REF NO.	BLOCK PART NO.
A3A	602255	34	223082
A3A	603857	35	603850



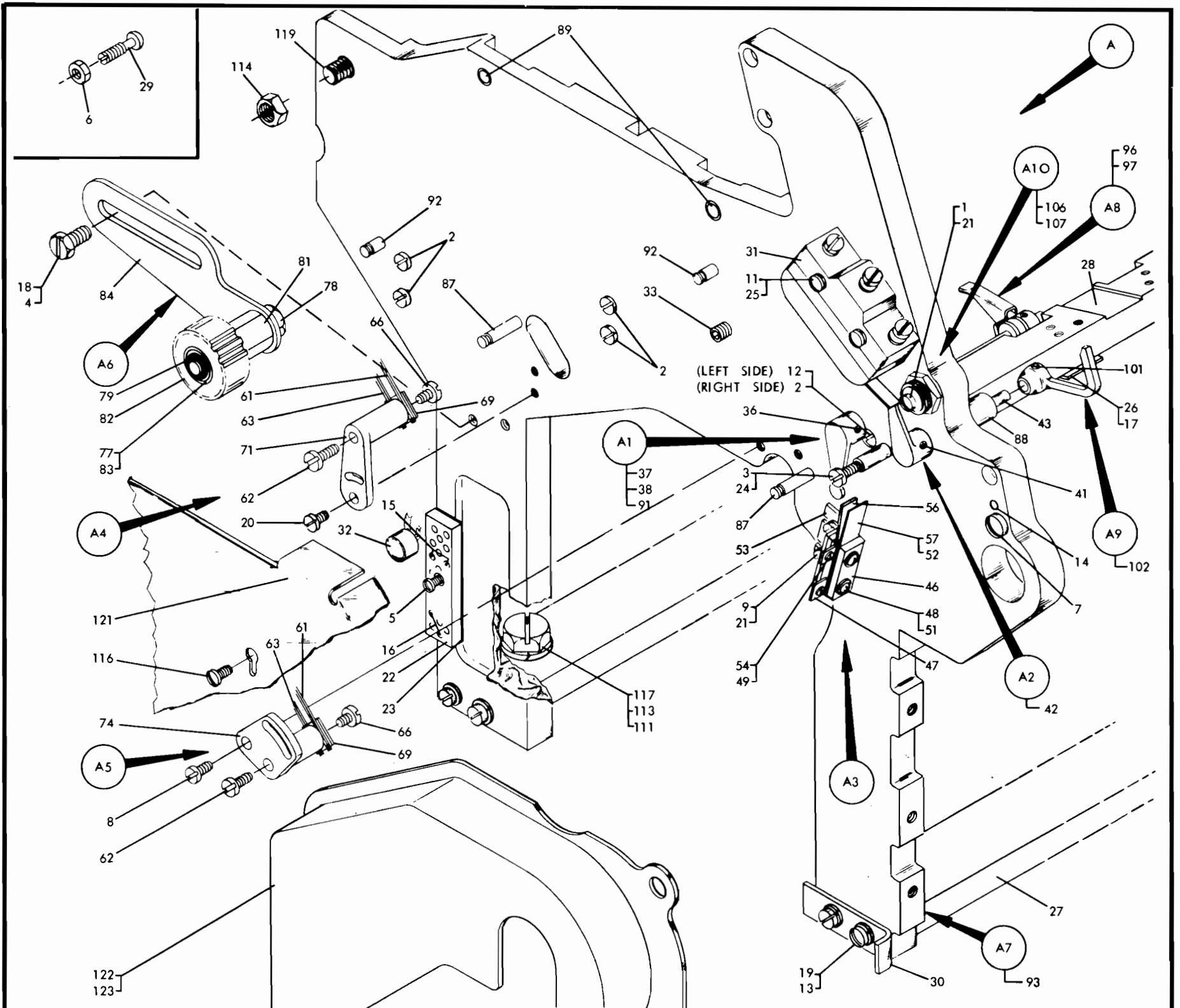
PLASTIC PICKER KNIFE

- * A 609110 READER FEED ASM 1402-1
 - * A 614006 READER FEED ASM 1402-2
 - * A 610580 READER FEED ASM 1402-3
 - * A 614380 READER FEED ASM 1402-4
 - * A 614203 READER FEED ASM 1402-5
 - FOR REMAINDER OF THIS ASM SEE FIGS 5 THRU 12
 - 1 19944 SCREW BRG HANGER MTG
 - 2 38235 SCREW-BRG RET
 - 3 613875 BEARING CLU CB
 - 4 237245 CLIP-PK SHAFT BRG RET
 - 6 336146 HANGER-BRG
 - 7 336152 SLEEVE BRG
 - 8 336323 WASHER-BRG KET
 - 9 609112 SPRING FEED ROLL USED WITH CORK FEED ROLLS
 - 9 610224 SPRING FEED ROLL USED WITH HYPALON FEED ROLLS
 - 11 609460 STUD-SHIELD MTG
 - A1 602883 FEED ROLL ASM 1ST UPPER
 - 16 613875 BEARING
 - 17 234321 SCREW
 - 18 336153 HANGER
 - 19 336320 CLIP
 - 21 602215 SHAFT
 - 22 1090448 WASHER
 - A2 602884 FEED ROLL ASM 3 4 UPR
 - 26 602209 SHAFT
- BALANCE OF HARDWARE SHOWN ON A1

- A3 602886 SHAFT ASM-PICKER KNIFE
- 28 6503 NUT USED WITH 223082 STEEL PKR KNIFE
- 29 216128 NUT BLOCK MTG USED WITH 60385 PLASTIC PKR KNIFE
- 30 81693 SCREW BEARING RETAINER
- 31 12552 WASHER
- 32 60489 CLIP
- 33 257986 WASHER
- 34 223082 BLOCK PKR KNIFE STEEL
- 35 603850 BLOC PKR KNIFER PLASTIC
- 36 237245 CLIP
- 37 336141 ARM
- 38 603778 ARM REDESIGNED
- 39 336263 STUD
- 40 336282 WASHER USED WITH WITH 223082
- 41 336321 BEARING
- 42 437763 SCREW
- 43 602186 SHAFT
- 44 333182 SCREW BLOCK MTG USED WITH 603850
- 45 603703 WASHER BLOCK MTG USED WITH 603850
- 46 613875 BEARING
- 47 613725 BEARING

- A3A 602255 ARM ASM PICKER KNIFE
 - A3A 603857 ARM ASM PICKER KNIFE
 - 49 6503 NUT USED ON 602255
 - 50 129654 SCREW
 - * 51 336903 STUD USED ON 602255
 - * 52 603846 STUD USED ON 603857
 - * 53 602249 ARM
 - 54 1090873 LOCKWASHER USED ON 6 2255
 - A4 609117 2ND UPPER FD ROLL ASM CORK
 - A4 610332 2ND UPPER FD ROLL ASM HYPALON
 - 56 29980 TAPER PIN FEED ROLL
 - 57 613874 BEARING FEED ROLL
 - 58 613875 BEARING FEED ROLL
 - 59 257968 SET SCREW FEED ROLL
 - 61 364196 COLLAR FEED ROLL
 - * 62 609114 GEAR FEED ROLL DRV
 - * 63 609116 SHAFT ASM FEED ROLL USED ON 609117 ONLY
 - * 63 610330 SHAFT ASM FEED ROLL USED ON 610332 ONLY
 - * 64 609120 HOUSING FEED ROLL BRG
 - * 66 609121 RETAINER FEED ROLL BRG
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

FRONT SIDE FRAME ASM.



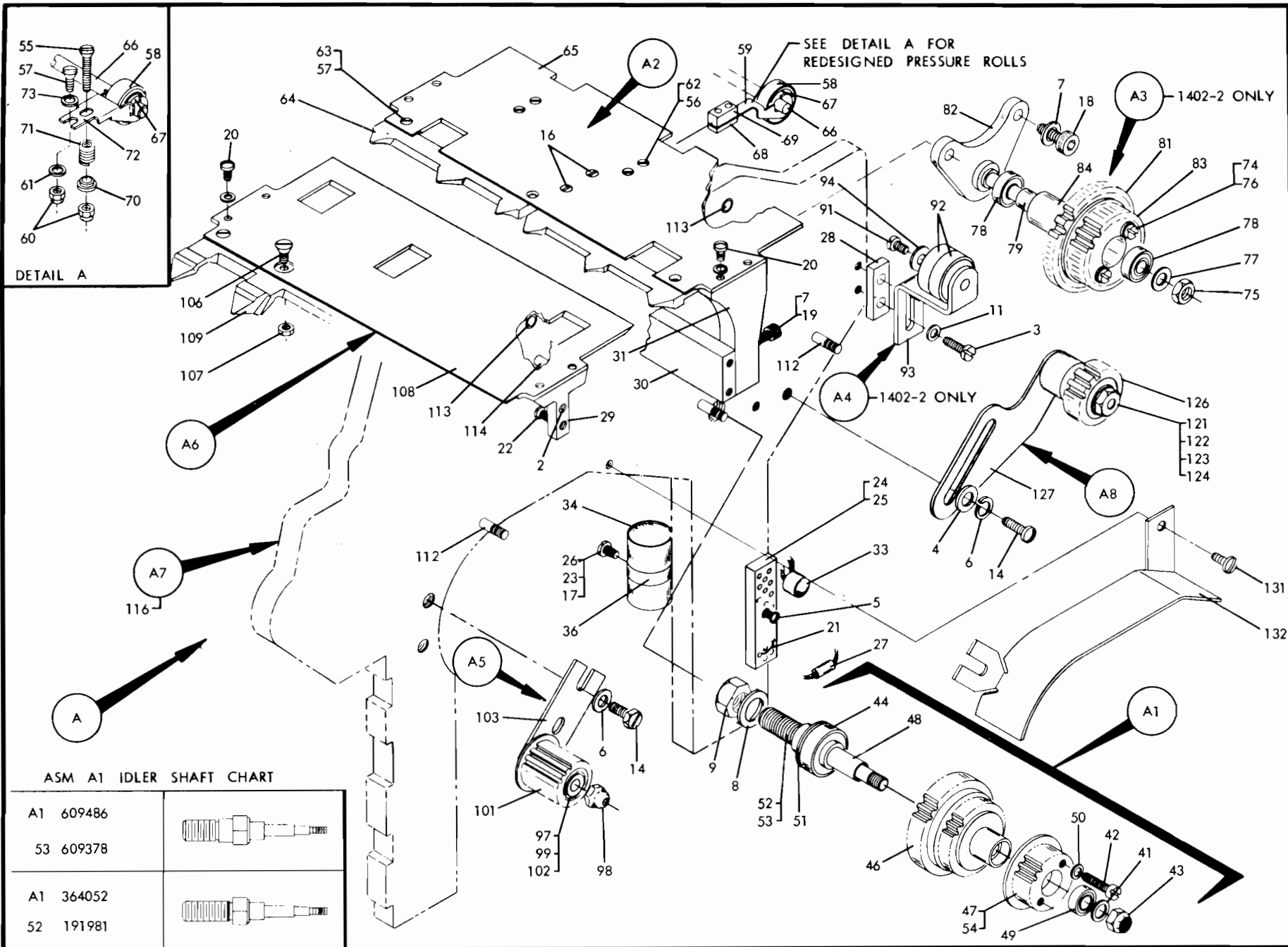
- * A 609110 READER FEED ASM 1402-1
- * A 614006 READER FEED ASM 1402-2
- * A 610580 READER FEED ASM 1402-3
- * A 614380 READER FEED ASM 1402-4
- * A 614203 READER FEED ASM 1402-5
- FOR REMAINDER OF THIS ASM
- SEE FIGS 5 THRU 12
- 1 420 SCREW-SIDE PLATE ADJ
- 2 641 SCR THROAT TIE BAR MTG
- 3 2384 SCREW THROAT BLK SUPP
- 4 3550 WASHER IDLER ASM
- 5 5644 SCREW TERMINAL BLK MTG
- 6 6503 NUT ADJUSTING
- 7 22795 SCREW JOGGLER
- 8 34512 SCREW 1ST CMN BR MTG
- 9 38263 SCREW-CONTACT ASM MTG
- 11 38269 SCREW-HOPPER SW MTG
- 12 38370 SCREW THROAT KNIFE BAR
- 13 45690 WASHER SIDE FR TIE BAR
- 14 127735 TAPER PIN
- 15 129243 JUMPER ASM
- 16 205329 JUMPER
- 17 234318 SCREW BRKT A LEV SHF
- 18 234340 SCREW IDLER MTG
- 19 234335 SCREW SIDE FR TIE BAR
- 20 236550 SCREW 2ND CMN BR MTG
- 21 257985 WASHER SIDE PLATE ADJ
- 22 302090 TERMINAL BLOCK ASM
- 23 302131 INSULATOR TERM BLK
- 24 336300 SPACER THROAT BLK SUPP
- 25 338169 LWASHER-HOPPER SW MTG
- 26 602184 BRKT ASM LVR SHAFT
- 27 602187 TIE BAR
- 28 602202 BAR ROLLER SUPPORT
- 29 602228 SCREW ADJUSTING

- 30 602271 STOP ADJUSTABLE
- 31 602980 SWITCH-HOPPER
- 32 609414 DIODE ASM
- 33 610148 SCREW BRUSH LOCATING
- A1 602135 CARD LEVER ASM
- 36 257958 SET SCREW
- 37 602181 SHAFT 1ST CARD LEVER
- 38 602185 LEVER ASM CARD
- A2 602136 CARD LEVER ASM
- 41 257958 SET SCREW
- 42 602185 LEVER ASM CARD
- 43 602196 SHAFT HOPPER CONTACT
- A3 610314 CONTACT ASM CARD LEVER
- 46 11900 INSULATION CONT SPRING
- 47 24957 STRAP ASM
- 48 100229 INSULATORS SCREW
- 49 118418 SCREW TERMINAL
- 51 173204 SCREW CONTACT ASM
- 52 239236 SPRING STIFFENER
- 53 602182 BRACKET CONTACT ASM MTG
- 54 607612 STRAP TERMINAL
- 56 610315 SPRING ASM MOVABLE CONT
- 57 610316 SPRING ASM FIXED CONT
- A4 602227 BRUSH ASM-NO 2 COMMON
- 61 1769 BRUSH-COMMON ASM
- 62 81693 SCREW BRUSH LEAD
- 63 109339 BRUSH-COMMON ASM
- 66 438549 SCR BRUSH MTG
- 69 602381 WSHR BRUSH HOLDER
- 71 610290 HOLDER ASM BRUSH
- A5 602231 BRUSH ASM-NO1 COMMON
- 74 610291 HOLDER ASM BRUSH
- BALANCE OF PARTS SHOWN ON A4
- A6 603835 BELT TIGHTNER ASM
- * 77 110129 BEARING PULLEY IDLER

- 78 117281 NUT STUD RETAINING
- 79 603836 CLIP PULLEY RETAINING
- 81 603837 STUD PULLEY MTG
- * 82 607536 PULLEY BELT TIGHTNER
- * 83 607537 SPACER BEARING
- 84 609142 BRACKET BELT TIGHTNER
- A7 609130 FRAME ASM FRONT
- 87 336301 STUD-BRG HLDR
- * 88 602173 BEARING-HOPPER CD LVR
- 89 602210 INSERT-BR ASM LKG PIN
- 91 602264 BEARING-CARD LVR
- 92 602646 STUD-BRG HGR SPG
- * 93 609133 FRAME-FRONT
- A8 609586 CARD LEVER ASM
- 96 257956 SET SCREW
- 97 602180 CARD LEVER ASM
- A9 609587 CARD LEVER ASM
- 101 257956 SET SCREW
- 102 602238 CARD LEVER
- A10 609591 BUSHING ASM
- 106 138296 BUSHING
- 107 215150 NUT
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 111 453 WASHER FEED ASM MTG
- 113 10309 LWASHR FEED ASM MTG
- 114 11598 NUT TRANS TO READER
- 116 32042 SCREW CONT RL SHIELD
- 117 38693 SCREW FEED ASM MTG
- 119 336284 SCREW-TRANS TO READER
- 121 609459 SHIELD CONT RL DR
- 122 603787 CL COVER
- 123 603788 CLIP
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

1402 FIG. 11

REAR SIDE FRAME ASM.



ASM A1 IDLER SHAFT CHART

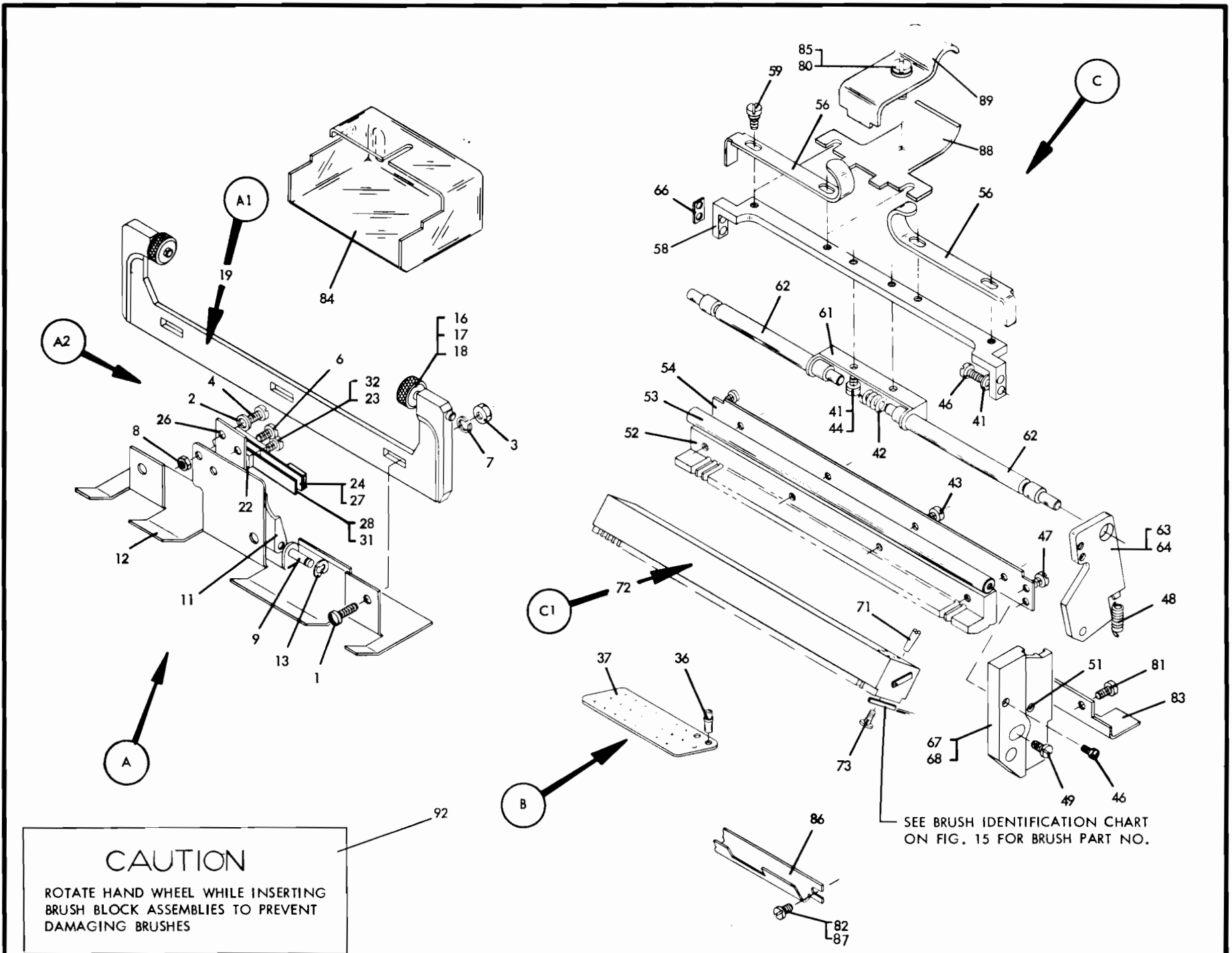
A1	609486	
53	609378	
A1	364052	
52	191981	

- * A 609110 READER FEED ASM 1402-1
- * A 614006 READER FEED ASM 1402-2
- * A 610580 READER FEED ASM 1402-3
- * A 614380 READER FEED ASM 1402-4
- * A 614203 READER FEED ASM 1402-5
FOR REMAINDER OF THIS ASM
SEE FIGS 5 THRU 12
- 2 641 SCREW CD GDE MTG
- 3 845 SCREW TIGHTNER 1402 2 ONLY
- 4 3550 WASHER IDLER ASM
- 5 5644 SCREW TERMINAL BLK
- 6 6935 LOCKWASHER-IDLER ASM
- 7 9092 LWSHR CD GDE MTG
- 8 10309 LOCKWASHER-IDLER MTG
- 9 22349 NUT IDLER MTG
- 11 22478 WASHER TIGHTNER 1402-2 ONLY
- 14 38688 SCREW-IDLER ASM
- 16 52522 SCREW-CD DECK SUPPORT
- 17 65629 SPACER CLAMP MTG
- 18 104763 SCREW IDLER 1402-2 ONLY
- 19 129654 SCREW CD GDE SUP MTG
- 20 170150 SCREW CD GD MTG
- 21 205329 JUMPER
- 22 234323 SCREW CD GDE MTG
- 23 257986 WASHER CLAMP MTG
- 24 302090 TERMINAL BLOCK ASM
- 25 302131 INSULATOR TERM BLK
- 26 322551 SCREW CLAMP MTG
- 27 337627 RESISTOR ASM
- 28 467071 SPACER TIGHTNER 1402-2 ONLY
- 29 602199 BLOCK LWR CD GDE
- 30 602222 BAR FEED FRAME TIE
- 31 602660 SUPPORT CARD GUIDE
- 33 609414 DIODE ASM
- 34 609490 CAPACITOR ASM
- 36 2102368 CLAMP CAP MTG
- A1 609486 IDLER ASM TRANS DR
USED ON 1402-2 & 3
- A1 364052 IDLER ASM TRANS DR
USED ON 1402-1 ONLY
- A1 614371 IDLER ASM TRANS DR
USED ON 1402-4 & 5 ONLY
- 41 24511 WASHER
- 42 52359 SCREW PULLEY MTG
- 43 72828 NUT

- * 44 156364 BEARING
- 46 191978 GEAR TRANSPORT DRIVE
- 47 191979 PULLEY IDLER
USED ON 609486 364052 ONLY
- 48 191980 SPACER IDLER BRG
- 49 233355 BEARING
- 50 257984 LWASH
- 51 264054 RING BRG RETAINING
- 52 191981 SHAFT IDLER TRANS DRIVE
USED ON 364052 ONLY
- 53 609378 SHAFT IDLER TRANS DRIVE
USED ON 609486 614371 ONLY
- 54 614355 PULLEY STKR DRIVE
USED ON 614371 ONLY
- A2 602162 GUIDE ASM-CARD
- 55 38435 SCREW
- 56 37913 NUT
- 57 52522 SCREW
- 58 155749 BRG LOWER FD ROLL
- 59 336651 BRACKET LOWER
- 60 216128 NUT
- 61 257985 WASHER
- 62 438558 SCREW
- 63 602229 LOCKING NUT-CD GDE
- 64 602247 CARD GUIDE-CONT ROLL
- 65 602366 CARD GUIDE-PRI
- 66 602469 SHAFT LWR FD ROLL
- 67 602490 SPACER LOWER FD RL
- 68 602493 PLATE LWR FD ROLL CLAMP
- 69 602495 INSULATION LWR FD ROLL
- 70 603862 RETAINER SPRING
- 71 603863 SPRING COMPRESSION
- 72 603864 BRKT LOWER REDESIGNED
- 73 603914 WASHER
- A3 602302 IDLER ASM
USED ON 1402-2 ONLY
- 74 641 SCR FD RL MTG PULLEY
- 75 11598 NUT FD RL PULLEY MTG
- 76 22478 WSHR-FD RL PULLEY MTG
- 77 45690 WSHR-FD RL PULLEY MTG
- * 78 110129 BRG CONT RL ID DR GR
- * 79 602298 SPCR-CONT RL IDLER BRG
- * 81 602299 GEAR-CONT RL IDLER DR
- * 82 602300 MTG PL ASM-CONT RL IDLER
- 83 602303 PULLEY-FD RL 19T
- * 84 602935 BUSHING-ALIGNMENT

- A4 607360 TIGHTNER ASM
USED ON 1402-2 ONLY
- 91 38235 SCREW BRG RETAINER
- 92 156364 BRG BELT TIGHTENER
- 93 607361 BRKT ASM 5TH LWR RL, BLT
- 94 1091508 WASHER BRG RETAINER
- A5 609025 PULLEY ASM-IDLER
- 97 22478 WASHER-IDLER
- 98 72828 NUT IDLER
- * 99 110129 BEARING-IDLER
- *101 602290 PULLEY-IDLER
- *102 602291 SPACER-IDLER PULL
- *103 609024 BRACKET ASM-IDLER
- A6 609128 CARD GUIDE ASM-CTR LOWER
- 106 52522 SCREW-CD GDE
- 107 602229 NUT CD GUIDE
- 108 609125 CARD GUIDE-CENT LWR
- 109 609126 CARD GUIDE-CONT RL
- A7 609131 FRAME ASM REAR
- 112 336325 STUD-FRAME ASM
- 113 602210 INSERT-BR ASM LKG PIN
- 114 609123 STUD-BRG HGR SPRING
- *116 609132 FRAME-REAR
- A8 609592 IDLER ASM
- 121 42688 SPACER-PULLEY MTG
- 122 72828 NUT PULLEY MTG
- 123 155749 BEARING-PULLEY MTG
- 124 194612 RETAINER-BEARING
- 126 364045 PULLEY-IDLER
- 127 609141 BRACKET ASM-IDLER
PARTS NOT INCLUDED WITH ASSEMBLES
- 131 234323 SCREW
- 132 609987 DUST SHIELD CLUTCH
* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

RETRACTABLE BRUSH & CARD GUIDE ASMS.



CAUTION

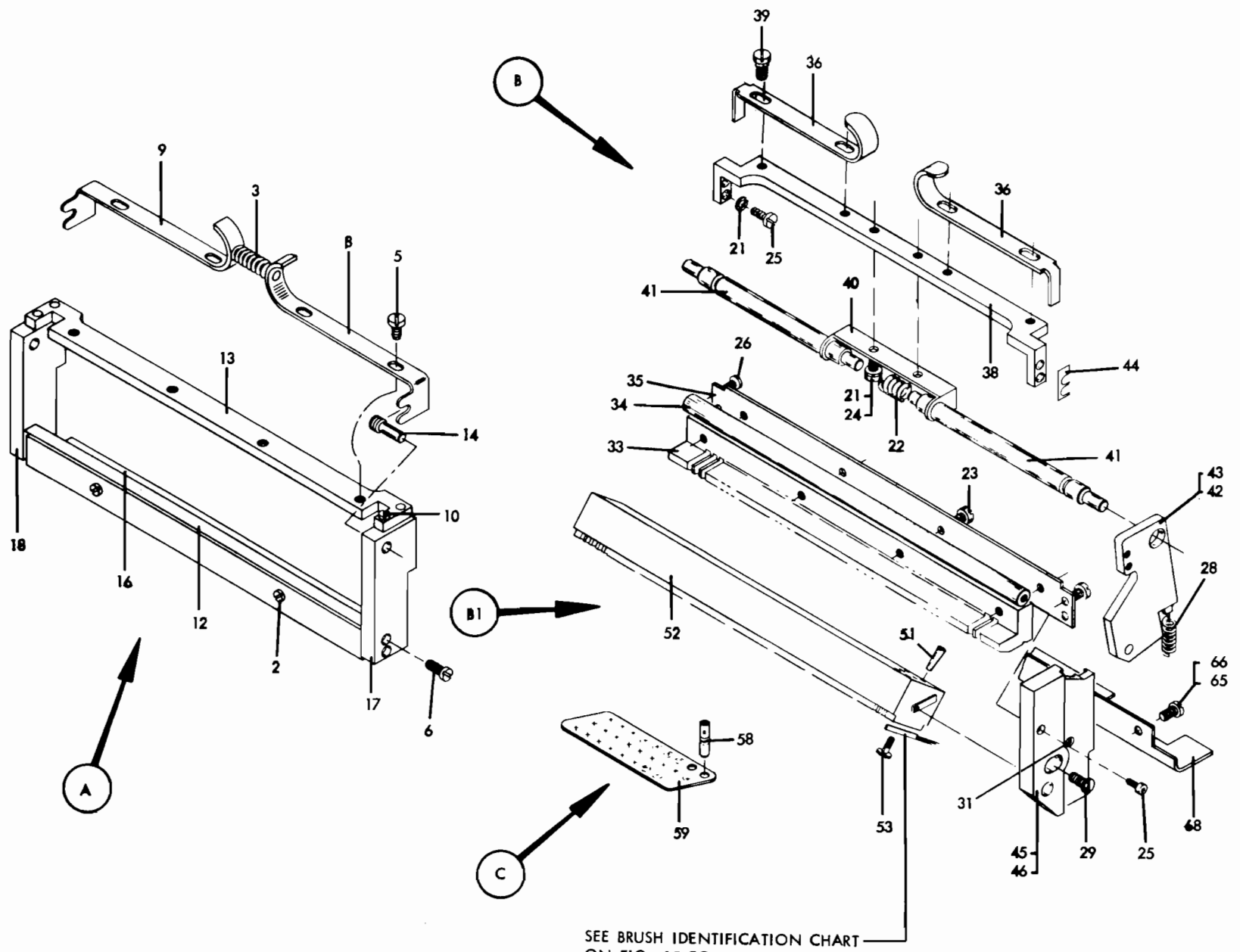
ROTATE HAND WHEEL WHILE INSERTING BRUSH BLOCK ASSEMBLIES TO PREVENT DAMAGING BRUSHES

- A 609127 CARD GUIDE ASM-UPPER
- 1 443 SCREW-CARD GDE SUPP
- 2 6364 LWASHER-CONT MTG
- 3 11598 NUT CD GDE SUPP
- 4 38262 SCREW-CONT MTG
- 6 38266 SCREW-CVR MTG
- 7 45690 WASHER-CD GDE SUPP
- 8 257186 NUT CONT MTG
- 9 602233 STUD-PIVOT CD LVR
- 11 602235 CARD LEVER-CD GDE
- 12 609129 PLATE-CARD GUIDE
- 13 1073418 RING-CD LVR PIVOT
- A1 602668 CARD GD SLIDE SUPP ASM
- 16 607965 CARD SLIDE LOCK PLUNGER
- 17 12953 COMPRESSION SPRING
- 18 255883 STOP NUT ELASTIC PLUN KN
- 19 602606 CARD GUIDE SLIDE SUPPORT
- A2 609783 CONTACT ASM-CARD
- 22 11900 INSULATOR CONT ASM
- 23 100229 TUBING CONT ASM INSUL
- 24 610315 SPRING ASM CONTACT
- 26 133202 BRACKET CONT ASM MTG
- 27 141964 CONTACT TERM ASM
- 28 602436 SPRING ASM CARD CONT
- 31 152794 CONTACT TERM ASM
- 32 173204 SCREW CONT ASM
- B 342715 TERMINAL ASM-QUICK DISC
- 36 342713 CONT BR BCK QUICK DISC
- 37 342714 PLATE BR BCK QUICK DISC

- C 610665 BRUSH UNIT ASM
USED ON 1402-1, 3,-4 + 5
- 41 6364 LWASHER BAR MTG
- 42 8519 SPRING
- 43 38235 SCREW BR GD MTG
- 44 38350 SCREW BRKT SUPPORT MTG
- 46 38351 SCREW TIE BAR MTG
- 47 38443 SCREW BR GD SUPP BAR MTG
- 48 108779 SPRING
- 49 196698 SCREW
- 51 477037 SETSCREW
- 52 610150 GUIDE BRUSH
- 53 607262 BAR BR HOLDER TIE
- 54 610151 BAR BR GD SUPPORT
- 56 615477 RELEASE BR HOLDER
- 58 607272 BAR BR HLDR REL MTG
- 59 615475 SCREW RELEASE ASM MTG
- 61 608211 BRKT SUPPORT BRUSH LCKG
- 62 608215 STUD BR UNIT LOCKING
- 63 608234 FRAME ASM BRUSH UNIT LFT
- 64 608235 FRAME ASM BRUSH UNIT RT
- 66 608297 SHIM BRUSH RELEASE BAR
- 67 608448 FRAME BR HOLDER RT
- 68 608453 FRAME BR HOLDER LFT
- C1 610664 BRUSH HOLDER ASM
- C1 610211 BRUSH HOLDER ASM
- C1 610275 BRUSH HOLDER ASM
- 71 154404 NUT BRUSH CLAMPING
- *72 249348 BLOCK ASM BRUSH HOLDER
- 73 257261 BOLT BRUSH CLAMPING

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 80 9092 LWASH CABLE CLAMP
 - 81 38235 SCREW BRUSH UNIT GDE
 - 82 38565 SCREW CD GDE MTG
 - 83 602195 GUIDE CARD BR UNIT
 - 84 602821 COVER-CD LVR
 - 85 206459 SCR CABLE CLAMP
 - 86 609428 CARD GUIDE 2ND BRUSH
 - 87 257984 LWASHER CD GDE MTG
 - 88 615476 CABLE CLAMP LOWER
 - 89 697010 CABLE CLAMP UPPER
 - 91 2162909 CLAMP BRUSH CABLES
 - 92 369847 DECAL TRANS SHIELD
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

RETRACTABLE BRUSH & CARD GUIDE ASMS.



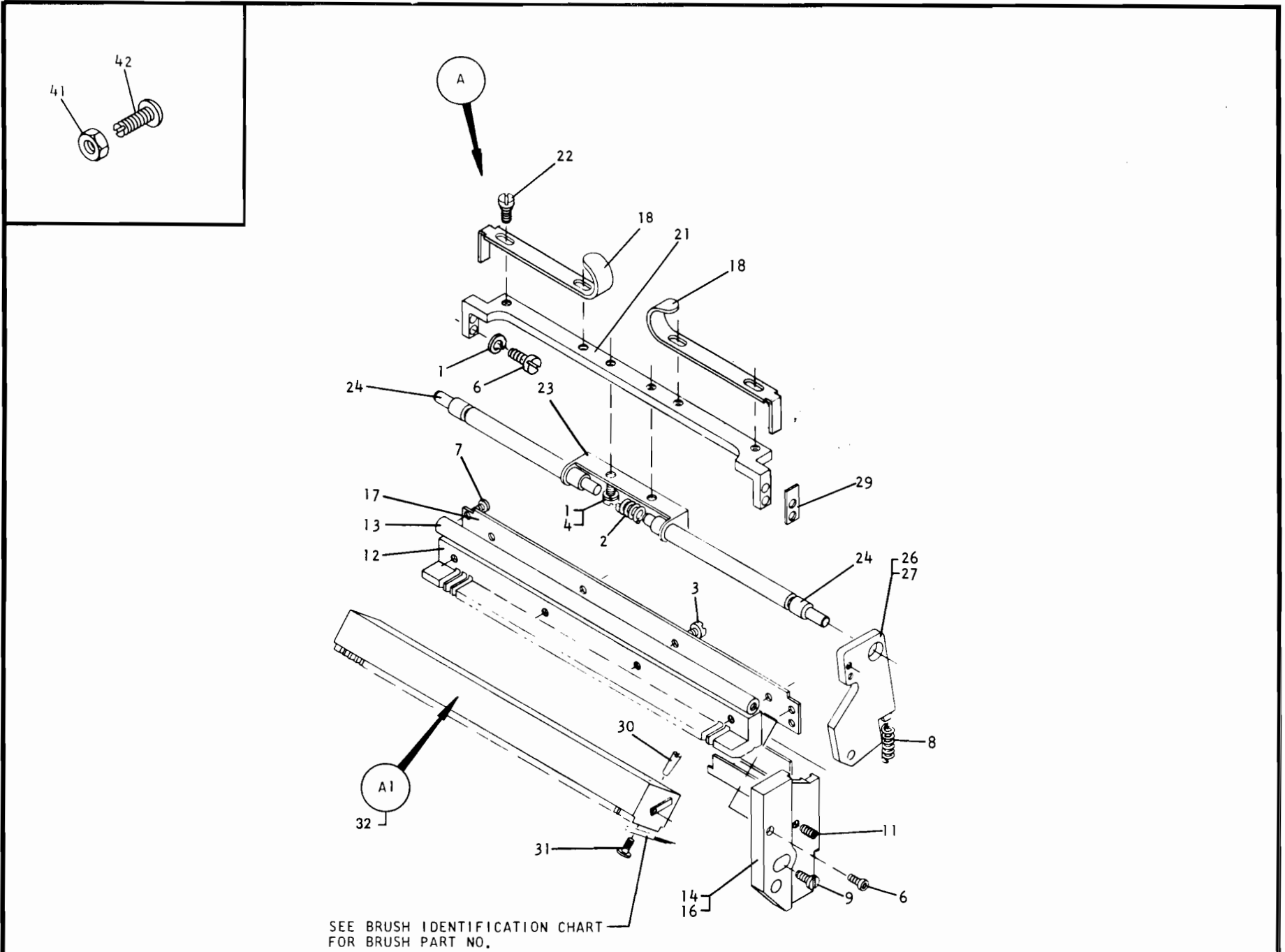
SEE BRUSH IDENTIFICATION CHART
ON FIG. 15 FOR BRUSH PART NO.

- | | | |
|----|--------|-----------------------------|
| A | 607651 | CARD GUIDE ASM UPPER |
| 2 | 2629 | SCREW CARD GUIDE MTG |
| 3 | 8519 | SPRING BRUSH HOLDER RELEASE |
| 5 | 28616 | SCREW BRUSH HOLDER REL LEV |
| 6 | 38264 | SCREN TIE BAR MTG |
| 8 | 101545 | RELEASE LEVER LH |
| 9 | 101546 | RELEASE LEVER RH |
| 10 | 236550 | SCREW LOCK BAR MRG |
| 12 | 437543 | TIE BAR BRUSH HOLDER |
| 13 | 438443 | LOCK BAR BRUSH HOLDER |
| 14 | 438444 | LOCK STUD BRUSH HOLDER |
| 16 | 607652 | CARD GUIDE 1ST UPPER |
| 17 | 607653 | SIDE PLATE LFT CDGD |
| 18 | 607654 | SIDE PLATE RH CD GD |

- | | | |
|-----|--------|---------------------------------------|
| B | 610181 | BRUSH UNIT ASM
USED ON 1402-2 ONLY |
| 21 | 6364 | LWASHER BAR MTG |
| 22 | 8519 | SPRING |
| 23 | 38235 | SCREW BR GD MTG |
| 24 | 38350 | SCREW BRKT SUPPORT MTG |
| 25 | 38351 | SCREW TIE BAR MTG |
| 26 | 38443 | SCREW BR GD SUPP BAR MTG |
| 28 | 108779 | SPRING |
| 29 | 196698 | SCREW |
| 31 | 477037 | SET SCREW |
| 33 | 610150 | GUIDE BRUSH |
| 34 | 607262 | BAR BR HOLDER TIE |
| 35 | 610151 | BAR BR GD SUPPORT |
| 36 | 615477 | RELEASE BR HOLDER |
| 38 | 607272 | BAR BR HLDR REL MTG |
| 39 | 615475 | SCREW RELEASE ASM MTG |
| 40 | 608211 | BRCKT SUPPORT BRUSH LCKG |
| 41 | 608215 | STUD BR UNIT LOCKING |
| 42 | 608234 | FRAME ASM BR UNIT LT |
| 43 | 608235 | FRAME ASM BR UNIT RT |
| 44 | 608297 | SHIM BR RELEASE BAR |
| 45 | 608448 | FRAME BRUSH HOLDER RT |
| 46 | 608453 | FRAME BRUSH HOLDER LT |
| B1 | 610272 | HOLDER ASM BRUSH |
| B1 | 607259 | HOLDER ASM BRUSH |
| 51 | 154404 | NUT BRUSH CLAMP |
| *52 | 249348 | BLOCK ASM BRUSH HOLDER |
| 53 | 257261 | BOLT BRUSH CLAMP |

- | | | |
|---|--------|-------------------------|
| C | 342715 | TERMINAL ASM-QUICK DISC |
| 58 | 342713 | CONT BR BCK QUICK DISC |
| 59 | 342714 | PLATE BR BCK QUICK DISC |
| PARTS NOT INCLUDED WITH ASSEMBLIES | | |
| 65 | 6364 | LWASHER CD GDE MTG |
| 66 | 38353 | SCREW CD GDE MTG |
| 68 | 607418 | GDE CARD BRUSH |
| * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT | | |

RETRACTABLE BRUSH ASM.



SEE BRUSH IDENTIFICATION CHART FOR BRUSH PART NO.

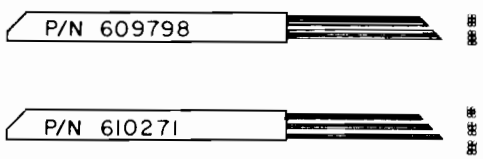
USED ON MACHINES
 1402-1 PRIOR TO SERIAL NO. 21323
 1402-2 PRIOR TO SERIAL NO. 30062
 AND PUNCH READ FEED ALSO

- A 607258 RETRACTABLE BRUSH ASM
- 1 6364 LWASHER BRKT SUPPORT MTG
- 2 8519 SPRING
- 3 38235 SCREW BR GD MTG
- 4 38350 SCREW BRKT SUPPORT MTG
- 6 38351 SCREW BAR MTG
- 7 38443 SCREW BR GD SUPP BAR MTG
- 8 108779 SPRING
- 9 196698 SCREW
- 11 477037 SETSCREW
- 12 607261 GUIDE BRUSH
- 13 607262 BAR BR HOLDER TIE
- 14 607263 HOLDER BRUSH FRAME RIGHT

- 16 607264 HOLDER BRUSH FRAME LEFT
- 17 607265 BAR BRUSH GUIDE SUPPORT
- 18 615477 RELEASE BR HOLDER
- 21 607272 BAR BRUSH HOLDER RELEASE
- 22 615475 SCREW
- 23 608211 BRKT SUPPORT BRUSH LCKG
- 24 608215 STUD BR UNIT LOCKING
- 26 608234 FRAME ASM BRUSH UNIT LFT
- 27 608235 FRAME ASM BRUSH UNIT RT
- 29 608297 SHIM BRUSH RELEASE BAR

- A1 607259 HOLDER ASM BRUSH
 - A1 610272 HOLDER ASM BRUSH
 - 30 154404 NUT BRUSH CLAMPING
 - 31 257261 BOLT BRUSH CLAMPING
 - *32 249348 BLOCK BRUSH HOLDER
 - 41 6503 NUT ADJUSTING
 - 42 608022 SCREW ADJUSTING
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

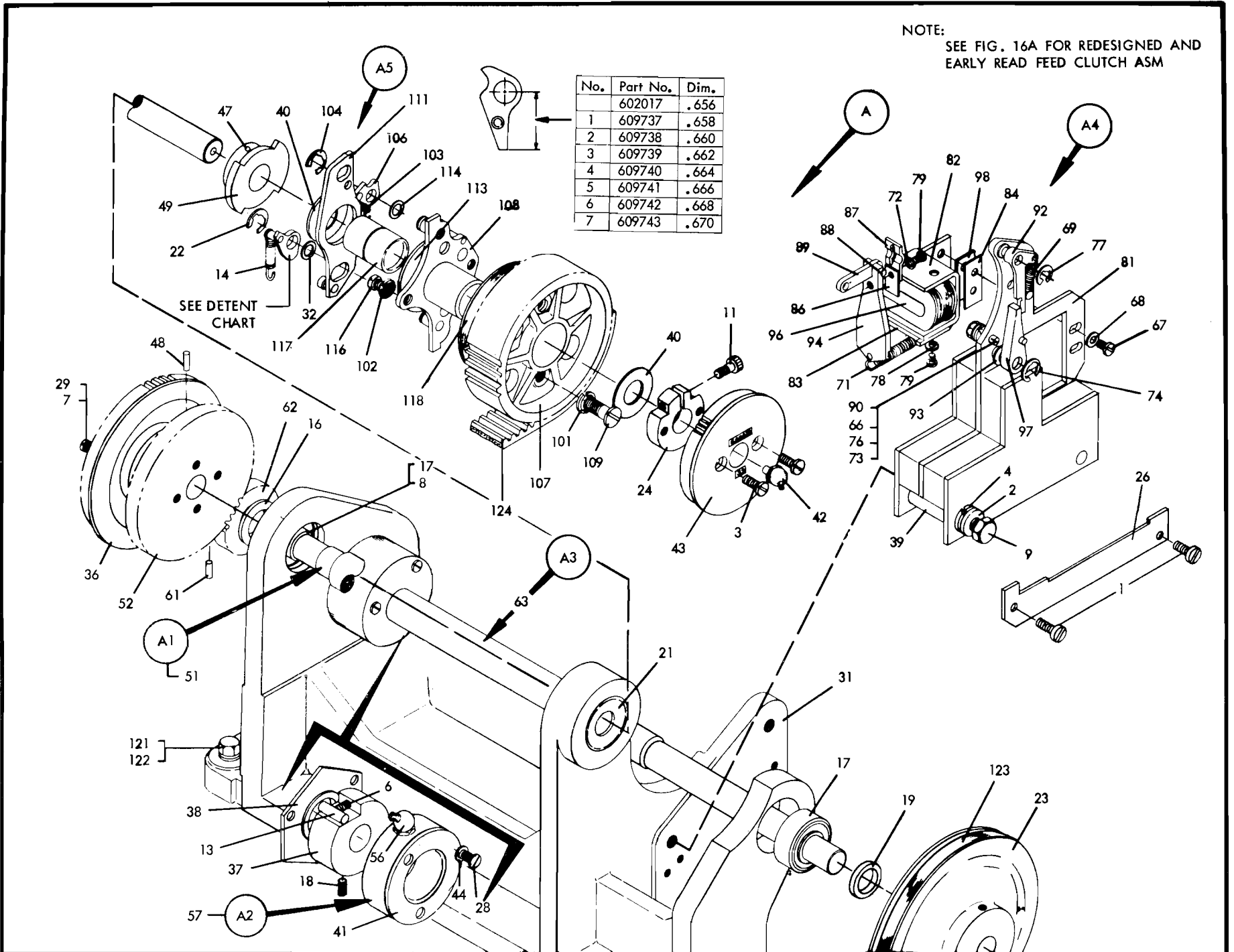
BRUSH IDENTIFICATION CHART



	1402-1 PCH & RD	1402-2 PCH & RD	1402-3 PCH & RD	1402-4 PCH & RD	1402-5 PCH & RD
RETRACTABLE BRUSH ASM	610665	610181	610665	610665	610665
BRUSH HOLDER ASM	610275	610272	610275	610275	610275
BRUSH PART NO.	609798	610271	609798	609798	609798

CLUTCH ASM.

NOTE:
SEE FIG. 16A FOR REDESIGNED AND
EARLY READ FEED CLUTCH ASM

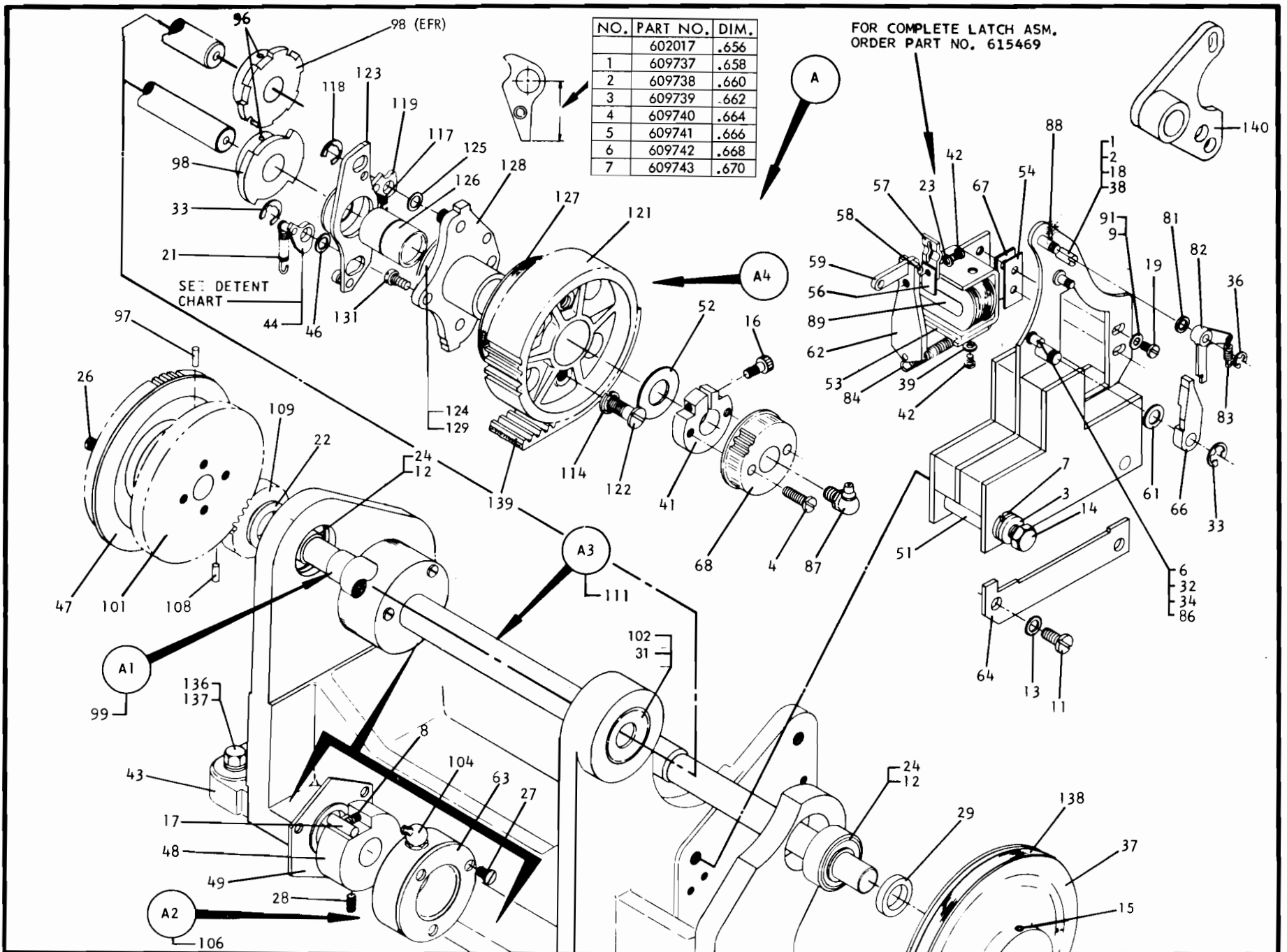


A NO NO. SUPPORT ASM CLUTCH DRIVE
A 609001 SUPPORT ASM-CLU DR
1 234320 SCREW LAT ASM LOC BL MTG
2 3550 WASHER-LATCH ASM MTG
3 5644 SCREW FILE FD DR NTG
4 6935 L WASHER-LAT ASM MTG
6 8499 SPPING-REV LOCK ROLLER
7 22478 WASHER YOKE + COIL ASM
8 38235 SCREW-CLU DR ASM BRG
9 59648 SCREW-LATCH ASM MTG
11 101807 SCREW COLLAR PULL MTG
13 104699 ROLLER-REV LOCK
14 125898 SPRING CLUTCH DETENT
16 144040 SPACER-INPUT SHAFT
17 156231 BEARING-CLU + INPUT SH
18 186635 SET SCREW REV LOCKROTOR
19 187496 SPACER PULLEY MTG
21 204433 BEARING CLU SH ASMT
22 257982 CLIP LATCH
23 286832 PULLEY READER
24 364017 COLLAR CLUTCH SHAFT
26 603673 BLOCK LAT ASM LOC
28 438579 SCREW REV LOCK RET
29 510379 SCREW CONT RL PULLMTG
31 602012 SUPPORT-CLU DRIVE
32 602034 SPACER DETENT
36 602043 PULLEY-CONT ROLL INPUT
37 602045 CAM REV LOCK
38 602046 INSERT-BEARING
39 602047 SPACER-LAT ASM PLATE
40 602050 THRUST BRG-POS CL
41 602558 PLATE-CLUTCH
42 602567 FITTING GREASE
43 609169 PULLEY FILE FD DRIVE
44 1090873 LWASHER YOKE + COIL ASM

A1 602947 SHAFT ASM CL
47 4159 TAPER PIN-DRIVE WHEEL
48 151230 TAPER PIN-PRI CLU GEAR
*49 602037 DR WHEEL-POS CLU
*51 602039 CLUTCH-SHAFT
*52 602945 SPUR GEAR-PRI CLU
A2 603797 HOUSING ASM REV LOCK
56 120620 FITTING GREASE
57 602454 HOUSING REV LOCK
61 28441 TAPER PIN-CLUTCH DRIVE
A3 609002 SHAFT ASM-CLUTCH DRIVE
*62 602946 GEAR-CLUTCH DRIVE
*63 609003 INPUT SHAFT-CLUTCH DRIVE
A4 609004 LATCH ASM MTG UNIT
66 6364 LWASHER LATCH STOP STUD
67 25627 SCREW LOC BL MTG
68 55901 L WASHER YOKE
69 58854 SPRING LATCH
71 131191 SPRING ARMATURE
72 150209 L WASHER RESIDUAL
73 257187 NUT LATCH STOP STUD
74 257982 CLIP CLU DETENT
76 257986 WASHER LATCH STOP STUD
77 264641 CLIP KEEPER
78 338169 LWASHER ARM PIVOT
79 438548 SCREW RESIDUAL
81 602053 CENTER PLATE
82 602060 YOKE CLUTCH
83 602062 ARMATURE PIVOT
84 602063 SHIM YOKE
86 602065 RESIDUAL CONTACT
87 602066 SPRING LINK
88 602067 STUD ARMATURE
89 602068 LINK LATCH
90 602069 STUD LATCH
92 602073 KEEPER LATCH
93 602074 SPACER LATCH
94 602075 ARMATURE LATCH
96 609005 COIL CLUTCH
97 609136 LATCH CLUTCH
98 609137 SPACER CLUTCH

A5 609744 CLUTCH ASM POS CLU
101 24090 WASHER PULLEY SCREW
102 9092 L WASHER POS CLUTCH SCR
103 125898 SPRING CLUTCH DR DOG
104 257982 CLIP CLU DRIVE ARM STUD
106 610739 DRIVE DOG POS CLUTCH
107 602023 PULLEY POS CL
108 602024 DRIVE ARM POS CL
109 602029 SCREW POS CL PULLEY
111 602030 INT ARM ASM POS CL
113 602033 THRUST BRG POS CL
114 602034 SPACER TH BRG POS CL
116 602035 SHOULDER SCREW POS CL
117 602457 BEARING CL DR ARM
118 603750 SHOCK MOUNT ASM POS CL
PARTS NOT INCLUDED WITH ASSEMBLIES
121 10303 SCREW CLU ASM MTG
122 161351 WASHER CLU ASM MTG
123 227398 BELT-READER DRIVE
USED ON 1402-1, 2 + 3 ONLY
123 614354 BELT READER DRIVE
USED ON 1402-4 5 ONLY
124 609124 BELT CLUTCH
* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

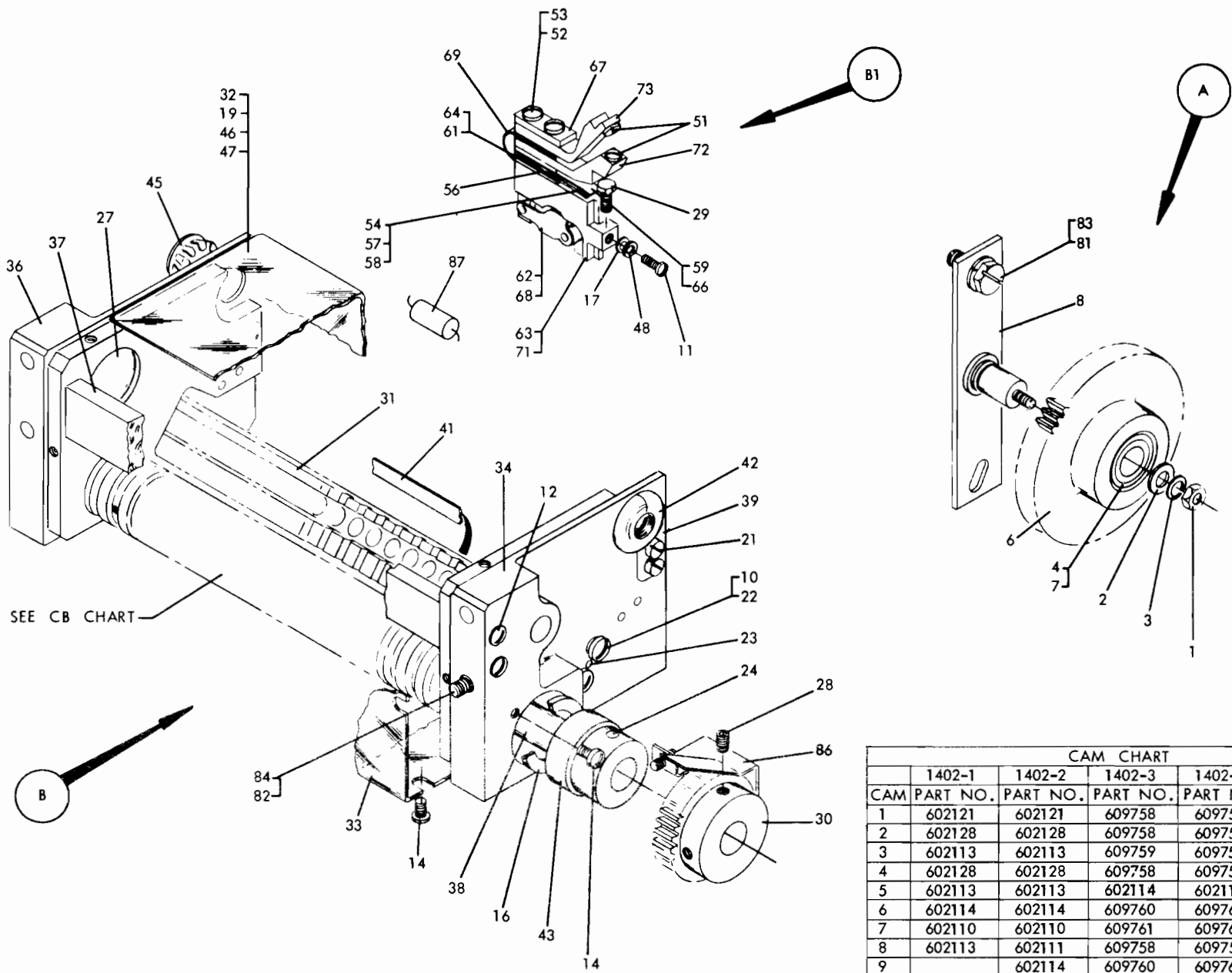
CLUTCH ASM. (REDESIGNED)



A 609001 SUPPORT ASM-CLU DR USED ON 1402-1 2 ONLY	33 257982 CLIP LATCH	A1 602947 SHAFT ASM CL USED ON 1402-1 2 ONLY
A 609766 SUPPORT ASM CLU DR USED ON 1402-3 14 2-1 WITH ERF	34 257986 WASHER LATCH STOP STUD	A1 609765 SHAFT ASM CLU ERF USED ON 1402-3, 4 + 5 ONLY
A 614368 SUPPORT ASM CLU DR USED ON 1402-4 ONLY	36 264641 CLIP KEEPER	96 4159 TAPER PIN USED 602947
A 614218 SUPPORT A CLU DR USED ON 1402-5 ONLY	37 286832 PULLEY READER DR USED ON 1402-1-2 + 3 ONLY	96 138298 TAPER PIN USED ON 6 9765
1 1866 WASHER STUD MTG	37 614356 PULLEY A READER DR USED ON 1402-4 5 ONLY	97 151230 TAPER PIN-PRI CLU GEAR
2 3525 NUT STUD MTG	38 309268 ECCENTRIC KEEPER STOP	* 98 602037 DRIVE WHEEL USED ON 602947
3 3550 WASHER-LATCH ASM MTG	39 338169 LWASHER ARM PIVOT	* 98 609764 DRIVE WHEEL USED ON 609765
4 5644 SCR FILE FD DR MTG USED ON 1402-1 2 ONLY	41 364017 COLLAR CLUTCH SHAFT	* 99 602039 SHAFT CLUTCH USED ON 6 2947
4 5528 SCREW FILE FD DR MTG USED ON 1402-4 ONLY	42 438548 SCREW RESIDUAL	* 99 610187 SHAFT CLUTCH USED ON 6 9765
6 6364 LWASHER LATCH STOP STUD	43 602012 SUPPORT-CLU DRIVE	*101 602945 SPUR GEAR-PRI CLU
7 6935 L WASHER-LAT ASM MTG	44 602017 DETENT ASM POS CL	102 204433 BEARING CLUTCH SHAFT USED ON 609765
8 8499 SPRING-REV LOCK ROLLER	46 602034 SPACER DETENT	A2 603797 HOUSING ASM REV LOCK
9 22478 WASHER YOKE + COIL ASM	47 602043 PULLEY-CONT ROLL INPUT	104 120620 FITTING GREASE
12 38235 SCREW-CLU DR ASM BRG	48 602045 CAM REV LOCK	106 602454 HOUSING REV LOCK
11 25627 SCREW LOC BL MTG	49 602046 INSERT BEARING	A3 609002 SHAFT ASM-CLUTCH DRIVE
13 102691 WASHER LOC BL MTG	46 602046 INSERT-BEARING	106 28441 TAPER PIN-CLUTCH DRIVE
14 59648 SCREW-LATCH ASM MTG	51 602047 SPACER-LAT ASM PLATE	*109 602946 GEAR-CLUTCH DRIVE
15 107374 SET SCR HEX SOCKET USED ON 1402-4 5 ONLY	52 602050 THRUST BRG-POS CL	*111 609003 INPUT SHAFT-CLUTCH DRIVE
16 101807 SCREW COLLAR PULL MTG	53 602062 ARMATURE PIVOT	A4 610091 CLUTCH ASM POS CLU
17 104699 ROLLER-REV LOCK	54 602063 SHIM YOKE	114 24090 WASHER PULLEY SCREW
18 105047 LWASHER STUD MTG	56 602065 RESIDUAL CONTACT	117 603919 SPRING CLUTCH DR DOG
19 113305 SCREW YOKE + COIL ASM	57 602066 SPRING LINK	118 257982 CLIP CLU DRIVE ARM STUD
21 603919 SPRING CLUTCH DETENT	58 602067 STUD ARMATURE	119 610739 DRIVE DOG ASM POS CL
22 144040 SPACER-INPUT SHAFT	59 602068 LINK LATCH	121 602023 PULLEY POS CL
23 150209 LWASHER RESIDUAL	61 602074 SPACER LATCH	122 602029 SCREW POS CL PULLEY
24 156231 BEARING-CLU + INPUT SH	62 602075 ARMATURE LATCH	123 602030 INT ARM ASM POS CL
26 170241 SCR CONT ROLL PULL MTG	63 602558 PLATE-CLUTCH	124 602033 THRUST BRG POS CL
27 170351 SCR REV LOCK HSG MTG	64 603673 CLUTCH POSITIONING BLOCK	125 602034 SPACER TH BRG POS CL
28 186635 SET SCREW-REV LOCK ROTOR	66 609136 LATCH CLUTCH	126 602457 BEARING CL DR ARM
29 621380 SPACER PULLEY MTG USED ON 1402-1 2 ONLY	67 609137 SPACER CLUTCH	127 603750 SHOCK MOUNT ASM POS CL
29 187496 SPACER PULLEY MTG USED ON 1402-3 ONLY	68 609169 PULLEY FILE FD DR USED ON 1402-1, 2 + 3 ONLY	128 610090 DR ARM ASM POS CL
29 300893 SPACER PULLEY MTG USED ON 1402-4 5 ONLY	68 602423 PULLEY FILE FD DRIVE USED ON 1402-4 ONLY	129 610092 THRUST BRG POS CL
31 204433 BEARING-CLU SH ASM USED ON 1402-1 2 ONLY	81 610287 SPACER KEEPER PIVOT STUD	131 610339 SHOULDER SCREW POS CL PARTS NOT INCLUDED WITH ASSEMBLIES
32 257187 NUT LATCH STOP STUD	82 610317 KEEPER LATCH	136 10303 SCREW CLU ASM MTG
	83 610337 SPRING LATCH KEEPER	137 161351 WASHER CLU ASM MTG
	84 610338 SPRING ARMATURE	138 227398 BELT-READER DRIVE USED ON 1402-1, 2, + 3 ONLY
	86 610340 STUD LATCH	138 614354 BELT READER DRIVE USED ON 1402-4 5 ONLY
	87 610347 GREASE FITTING CLUTCH DR	139 609124 BELT CLUTCH
	88 610704 CENTER PLATE ASM	140 610147 PLATE RDR CLUTCH LOC
	89 610725 YOKE + COIL ASM	
	91 1090873 LWASHER YOKE + COIL ASM	

1402 FIG. 16A

READER C. B. ASM.



CAM CHART					
	1402-1	1402-2	1402-3	1402-4	1402-5
CAM	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
1	602121	602121	609758	609758	609758
2	602128	602128	609758	609758	609758
3	602113	602113	609759	609759	609759
4	602128	602128	609758	609758	609758
5	602113	602113	602114	602114	602114
6	602114	602114	609760	609760	609760
7	602110	602110	609761	609761	609761
8	602113	602111	609758	609758	609758
9		602114	609760	609760	609760
10		609020			
11		609021			
12		609022	609761	609761	609761
13	602127	602111			
14		609023			

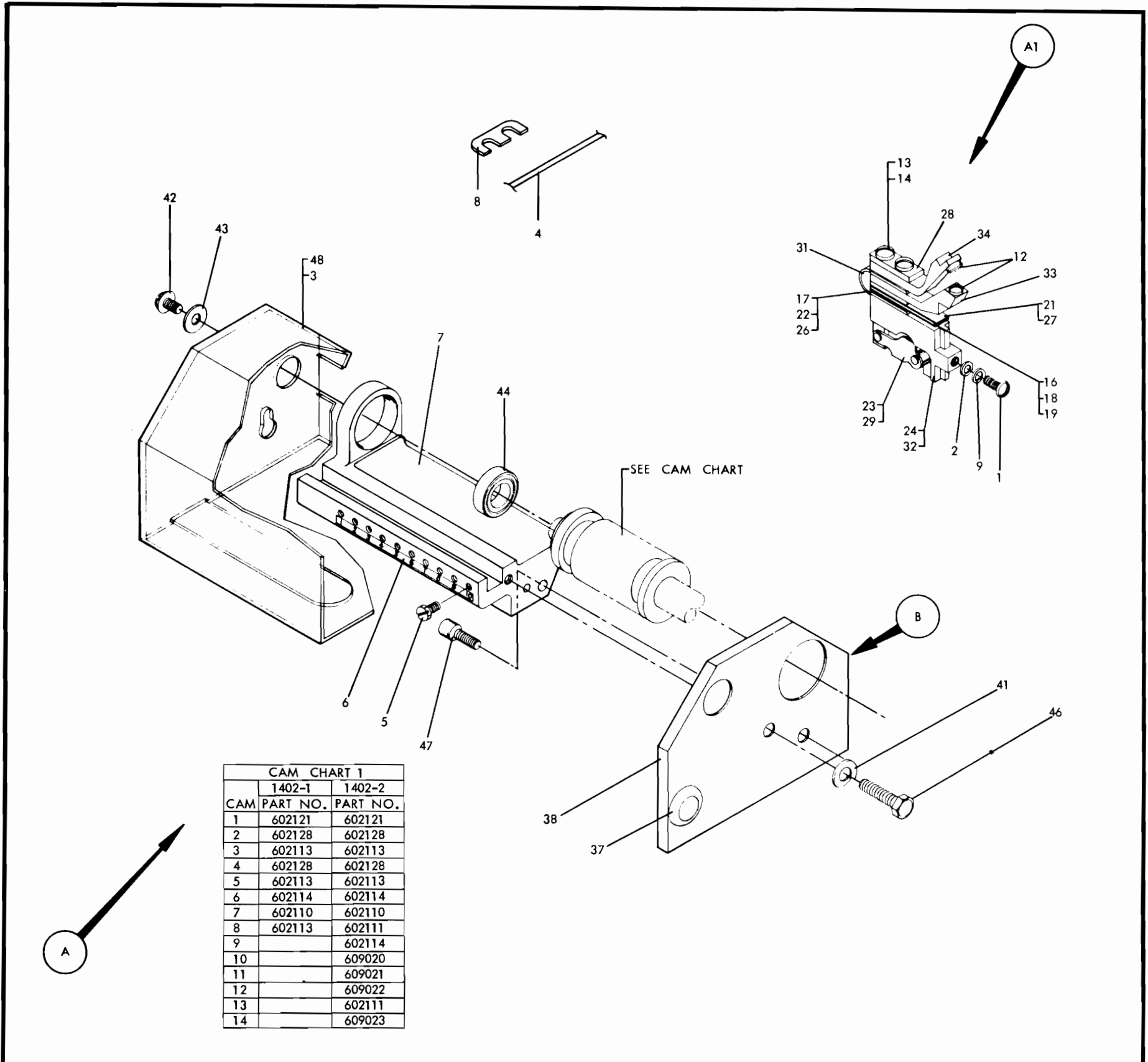
- A 602650 IDLER ASM-CB
- 1 11598 NUT BRG RET
- 2 20017 WSHR BRG RET
- 3 56121 L WSHR BRG RET
- * 4 156364 BRG CB IDLER GEAR
- * 6 602386 GEAR ASM-CB DR IDLER
- * 7 602780 SPACER CB ID GR BRG
- * 8 602807 MTG PLATE CB IDLER
- B 609007 CIRCUIT BREAKER ASM READER
USED ON 1402-1 ONLY
- B 609757 CIRCUIT BREAKER ASM READER
USED ON 1402-1 EFR ONLY
- B 614004 CIRCUIT BREAKER ASM READER
USED ON 1402-2 ONLY
- B 610587 CIRCUIT BREAKER ASM READER
USED ON 1402-3
- B 614359 CIRCUIT BREAKER ASM READER
USED ON 1402-4 5 ONLY
- 10 845 SCREW CB MTG BAR
- 11 2031 SCREW CB MTG
- 12 2384 SCREW-CB BAR MTG
- 14 10170 SCREW-CB BACK CVR MTG
- 16 23056 WASHER-BRG RET
- 17 24511 WASHER CB MTG
- 19 35739 SCREW

- 21 38350 SCREW-GROM RET MTG
- 22 60646 LWASHER CB MTG BAR
- 23 104696 PIN CB
- 24 121521 SET SCREW-CB INPUT GR
- 25 129243 JUMPER ASM-CB
- 26 129244 JUMPER ASM
- 27 167323 PLUG-EXPANSION
- 28 251990 SET SCREW-CB DRIVE PULL
- 29 344872 SCREW CB ADJUSTING
- 30 602088 GEAR-CF CB INPUT
- 31 602089 BAR CB MTG
- 32 602090 FRONT COVER-CB UNIT
- 33 602091 BACK COVER-CB UNIT
- 34 602092 SIDE PLATE-CB FR
- 36 602093 SIDE PLATE-CB-REAR
- 37 602094 CROSS BAR-CB UNIT
- 38 602095 SHAFT-CB UNIT
- 39 602096 GROMMET-RETAINER
- 41 602104 NUM STRIP-CB BAR 1-20
- 42 602107 GROMMET-SPLIT
- 43 602148 BEARING-CB CAM SHAFT
- 44 602710 JUMPER-CB
- 45 602803 PLUG-SNAP
- 46 602953 SPACER
- 47 603004 WASHER
- 48 1090873 LWASHER CB

- B1 602083 CB ASM CB UNIT TUNGSTEN POINT
- B1 610070 CB ASM CB UNIT SILVER POINT
USED ON 610587 ONLY
IN POSITIONS 1-4,7,9 + 12
- 51 38348 SCR CONT TERM BLOCK
- 52 100606 SLEEVE-C B ASM INSUL
- 53 173211 SCR C B ASM
- 54 205742 STRAP CONTACT LWR TUNGSTEN POINT
- 54 214228 STRAP CONTACT LWR SILVER POINT
- 56 205743 STRIP-C B ASM INSUL
- 57 205747 SHIM CONTACT CB ASM
- 58 205783 SHIM CONTACT CB ASM
- 59 228107 STRAP CONTACT UPP TUNGSTEN POINT
- 59 749007 STRAP CONTACT UPP SILVER POINT
- 61 228147 INSULATOR BLOCK CONT
- 62 228475 BREAKER ARM PIVOT
- 63 228476 PLUNGER-C B
- 64 228477 CONT STIFFENER-UPPER
- 66 228478 CONT DAMPENER-UPPER
- 67 230736 STRIP-C B ASM INSUL
- 68 435700 ARM AND BRG ASM
- 69 602084 CONNECTING STRIP
- 71 602085 BLOCK-CONT MTG
- 72 602086 BLOCK-CONT TERM MTG
- 73 602087 BLOCK-CONT TERM UPPER
PARTS NOT INCLUDED WITH ASSEMBLIES
- 81 6935 LOCKWASHER-IDLER PULLEY
- 82 9092 LWASHER RC CB MTG
- 83 38688 SCREW-IDLER PULLEY
- 84 81142 SCREW RC CB MTG
- 86 602804 GUARD READER CB
- 87 610295 CAPACITOR ASM C10

* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

CLUTCH C. B. ASM.



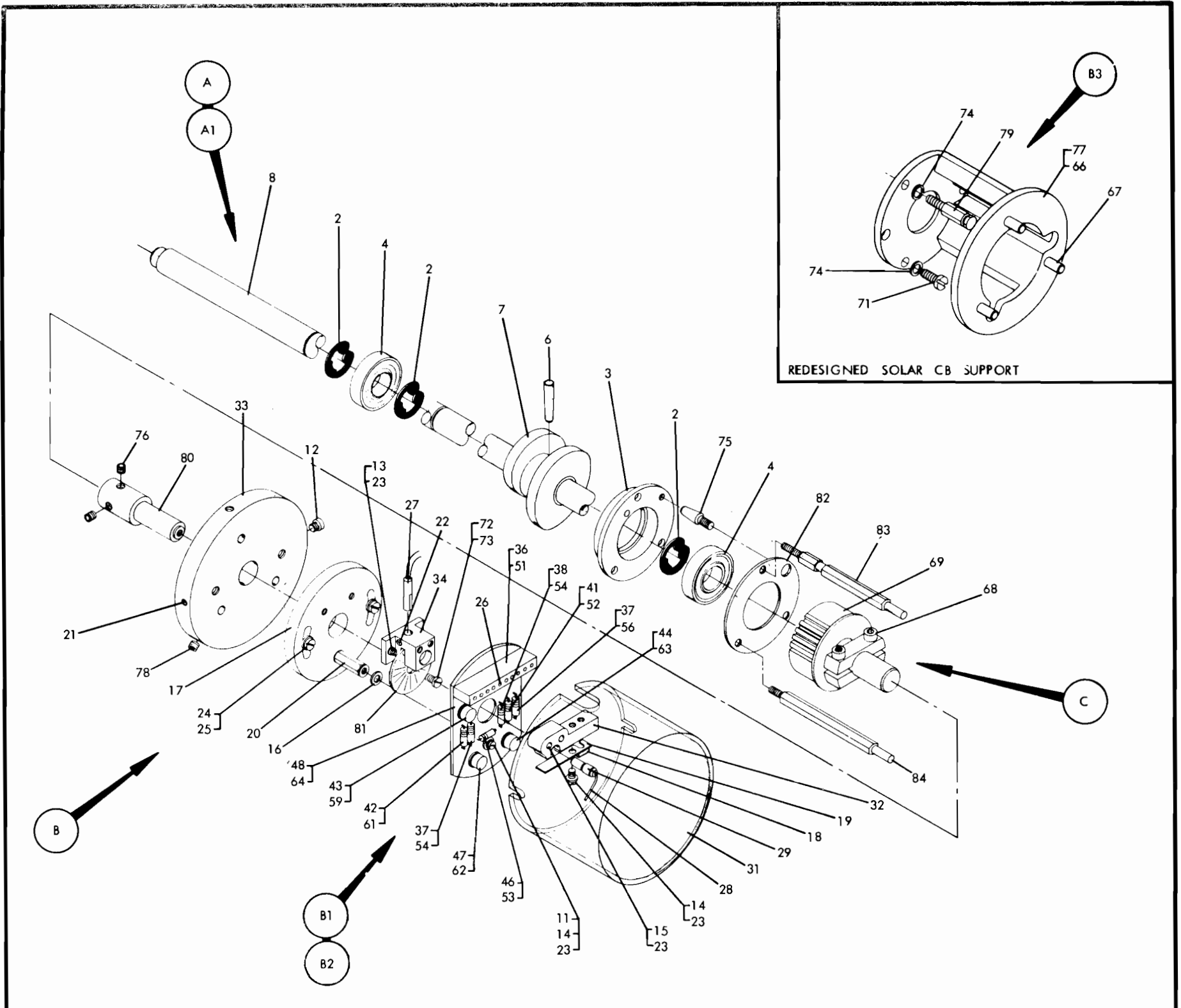
CAM CHART 1		
	1402-1	1402-2
CAM	PART NO.	PART NO.
1	602121	602121
2	602128	602128
3	602113	602113
4	602128	602128
5	602113	602113
6	602114	602114
7	602110	602110
8	602113	602111
9		602114
10		609020
11		609021
12		609022
13		602111
14		609023

- A 609579 CIRCUIT BREAKER ASM CLUTCH
USED ON 1402-1 PRIOR TO
PHOTO EMITTER ASM
- A 614023 CIRCUIT BREAKER ASM CLUTCH
USED ON 1402-2 PRIOR TO
PHOTO EMITTER ASM
- 1 2031 SCREW CB MTG
- 2 24511 WASHER CB MTG
- 3 35739 SCREW
- 4 129243 JUMPER ASM
- 5 344872 SET SCREW CB MTG
- 6 602103 NUMBERING STRIP
- 7 602352 SUPPORT-CB
- 8 602710 JUMPER BRASS
- 9 1090873 LWASHER CB MTG

- A1 602083 CB ASM
- 12 38348 SCR CONT TERM BLOCK
- 13 100606 SLEEVE-C B ASM INSUL
- 14 173211 SCR C B ASM
- 16 205742 STRAP ASM-CONTACT
- 17 205743 INSULATOR BLOCK CONT
- 18 205747 SHIM CONTACT CB ASM
- 19 205783 SHIM CONTACT CB ASM
- 21 228107 STRAP ASM-UP CONT SPR
- 22 228147 INSULATOR BLOCK CONT
- 23 228475 BREAKER ARM PIVOT
- 24 228476 PLUNGER-C B
- 26 228477 CONT STIFFENER-UPPER
- 27 228478 CONT DAMPENER-UPPER
- 28 230736 STRIP-C B ASM INSUL
- 29 435700 ARM AND BRG ASM
- 31 602084 CONNECTING STRIP
- 32 602085 BLOCK-CONT MTG
- 33 602086 BLOCK-CONT TERM MTG
- 34 602087 BLOCK-CONT TERM UPPER
- B 602140 SUPPORT ASM
- 37 602484 GROMMET
- 38 602354 SUPPORT CLUTCH COVER

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 41 9092 LOCKWASHER-CAM ASM MTG
 - 42 34512 SCREW-BRG RET
 - 43 150566 WASHER-BRG RET
 - 44 613875 BEARING CLUTCH CB
 - 46 184792 SCREW CAM ASM MTG
 - 47 186932 SCREW CLU CB MTG
 - 48 602353 COVER-CLU CB

PHOTO EMITTER & CAM SHAFT ASMS.

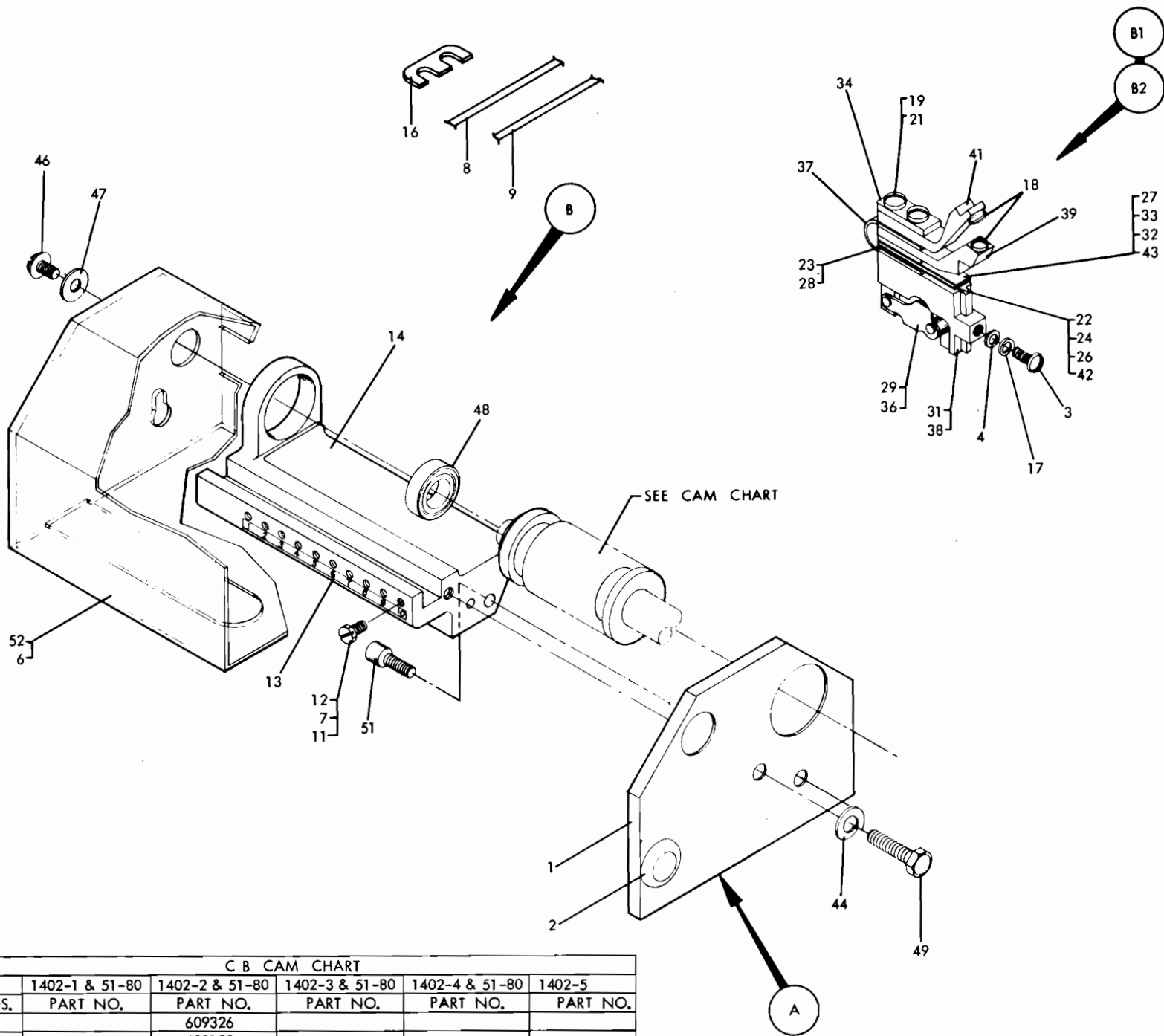


- A 610380 SHAFT ASM CAM
USED ON 1402-1, 3, 4 + 5
- 2 219743 CLIP
- 3 602648 RETAINER
- 4 613874 BEARING
- A1 610381 SHAFT ASM
- 6 255597 TAPER PIN PKR KNIFE CAM
- * 7 603772 CAM PKR KNIFE
- * 8 610382 SHAFT CAM
- B 610350 PHOTO EMITTER ASM
USED ON 1402-1, 4 + 5
- B 610584 PHOTO EMITTER ASM
USED ON 1402-3 ONLY
- 11 4085 WSHR
- 12 38235 SCREW
- 13 38263 SCREW
- 14 38264 SCREW
- 15 38266 SCREW
- 16 100132 WASHER INSL
- 17 191955 BASE PLATE
- 18 191959 CLAMP
- 19 191961 CONTACT
- 20 191962 SPACER
- 21 209077 SET SCREW
- 22 257958 SCREW
- 23 257984 LWSHR
- 24 257986 WSHR
- 25 322065 SCREW

- 26 342739 TUBING TERM INSULATION
- 27 610351 SOLAR CELL ASM
- 28 610353 JUMPER ASM
- 29 610354 LAMP ASM PHOTO EMITTER
- 31 610356 COVER PHOTO EMITTER
- 32 610357 BLOCK BULB CONTACT
- 33 610358 PLATE ASM ADAPTER
- 34 610383 BLOCK SOLAR CELL MTG
- B1 610360 PLATE ASM COMP MTG
USED ON 610350
- 36 189992 BLOCK TERMINAL
- 37 300723 RESISTOR 20K
- 38 317025 RESISTOR 6.8K
- 41 317033 RESISTOR 110K
- 42 317429 RESISTOR 1.3K
- 43 318324 TRANSISTOR PNP ALLOY TYPE 033
- 44 318325 TRANSISTOR NPN ALLOY TYPE 083
- 46 334959 RESISTOR 13K
- 47 369087 TRANSISTOR 086
- 48 610361 PLATE MOUNTING
- B2 610574 PLATE ASM COMP MTG
USED ON 610584
- 51 189992 BLOCK TERMINAL
- 52 213539 RESISTOR 150K
- 53 317014 RESISTOR 680 OHM
- 54 317430 RESISTOR 5.6K
- 56 317529 RESISTOR 8.2K

- 59 318324 TRANSISTOR PNP ALLOY TYPE 033
 - 61 322347 RESISTOR 560 OHM
 - 62 369561 TRANSISTOR 091 ASM
 - 63 369597 TRANSISTOR 167
 - 64 610361 PLATE MOUNTING
 - B3 610740 SUPPORT ASM SOLAR CB
 - 66 610741 SUPPORT SOLAR CB
 - 67 610742 PIN GROOVE
 - C 609581 PULLEY ASM CAM SFT
 - 68 129654 SET SCREWS CAM SFT
 - 69 602496 PULLEY ASM CAM SFT
PARTS NOT INCLUDED WITH ASSEMBLIES
 - 71 5528 SCREW SUPPORT MTG
 - 72 22478 WASHER DISK MTG
 - 73 34512 SCREW DISK MTG
 - 74 60646 LWASHER SUPPORT MTG
 - 75 216837 PIN PICKER KNIFE SHAFT MTG
 - 76 123639 SET SCREW SPINDLE MTG
 - 77 194989 RING BRG RETAINING
 - 78 257976 SET SCREW EMITTER MTG
 - 79 327614 STUD JOGGLER SPRING
 - 80 610376 SPINDLE EMITTER
 - 81 610378 DISK EMITTER
 - 82 602647 WASHER BEARING
 - 83 610374 STUD PHOTO EMITTER
 - 84 610375 STUD PHOTO EMITTER
- * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

CLUTCH C. B. ASM. (USED WITH PHOTO EMITTER)



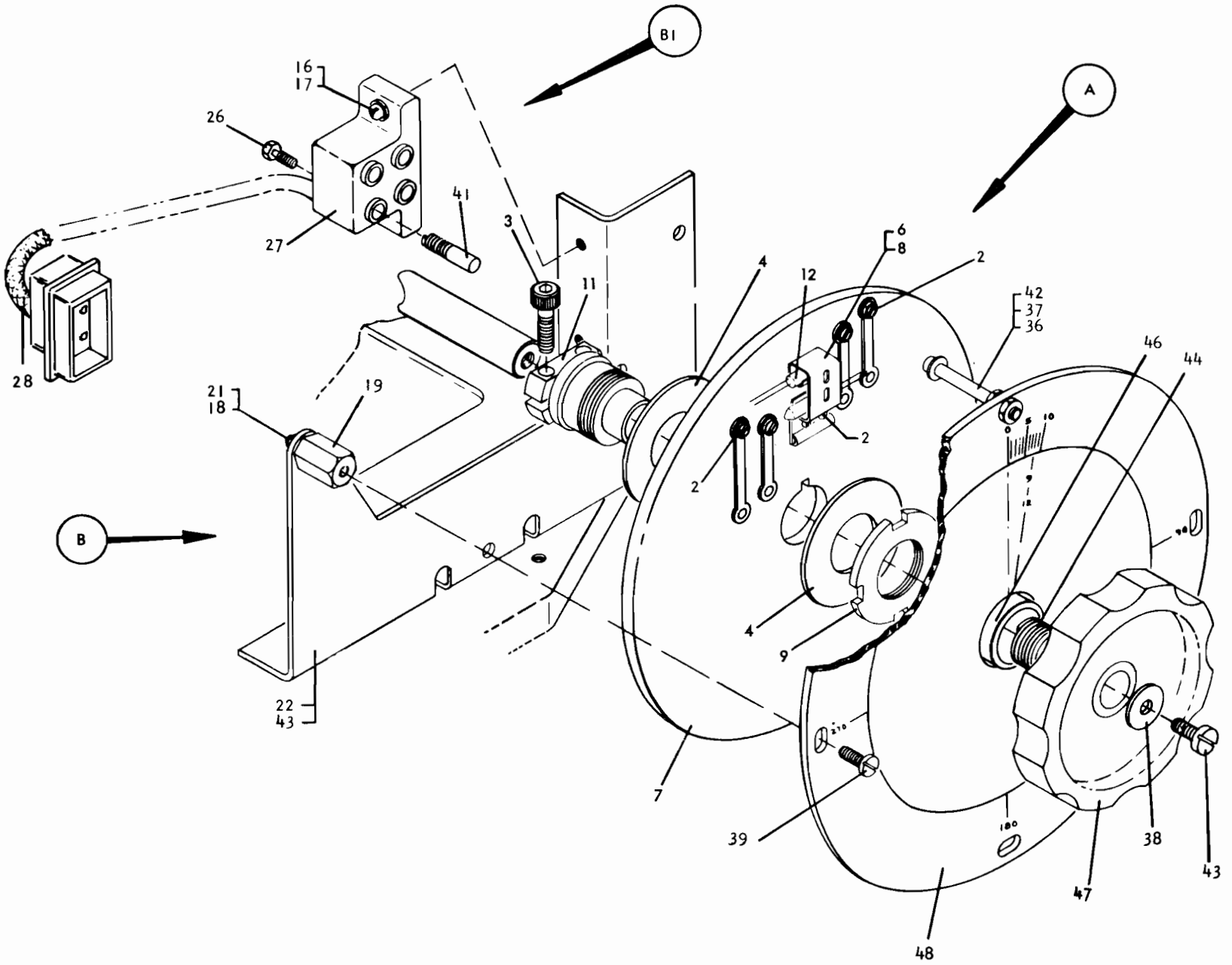
C B CAM CHART					
CAM POS.	1402-1 & 51-80	1402-2 & 51-80	1402-3 & 51-80	1402-4 & 51-80	1402-5
	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
1		609326			
2		602128			
3		602113			
4		602132			
5	609326	602132	609326	609326	609326
6	602128	602132	602118	602122	602122
7	602113	602132	602122	602118	602118
8		602132	602114	602114	602114
9		602132	602129		
10		602128			

- A 602140 SUPPORT ASM CB CVR
- 1 602354 SUPPORT CLU CB COVER
- 2 602484 GROMMET CLU CB COVER
- B 609579 CLUTCH C B ASM 1402 1
- B 614023 CLUTCH C B ASM 1402 2
- B 610523 CLUTCH C B ASM 1400 3
- B 614364 CLUTCH C B ASM 1402 4
- 3 2031 SCREW CB MTG
- 4 24511 WASHER CB MTG
- 6 35739 SCREW
- 7 38051 SCREW CB MTG
- 8 129243 JUMPER ASM
- 9 129244 JUMPER ASM
- 11 257974 SET SCREW CB MTG
- 12 344872 SET SCREW CB MTG
- 13 602103 NUMBERING STRIP
- 14 602352 SUPPORT-CB
- 16 602710 JUMPER BRASS
- 17 1090873 LWASHER CB MTG

- B1 602083 CB ASM TUNGSTEN
- 18 38348 SCR CONT TERM BLOCK
- 19 100606 SLEEVE-C B ASM INSUL
- 21 173211 SCR C B ASM
- 22 205742 STRAP ASM LWR CONTACT TUNGSTEN
- 23 205743 INSULATOR BLOCK CONT
- 24 205747 SHIM CONTACT CB ASM
- 26 205783 SHIM CONTACT CB ASM
- 27 228107 STRAP ASM UPP CONTACT TUNGSTEN
- 28 228147 INSULATOR BLOCK CONT
- 29 228475 BREAKER ARM PIVOT
- 31 228476 PLUNGER-C B
- 32 228477 CONT STIFFENER-UPPER
- 33 228478 CONT DAMPENER-UPPER
- 34 230736 STRIP-C B ASM INSUL
- 36 435700 ARM AND BRG ASM
- 37 602084 CONNECTING STRIP
- 38 602085 BLOCK-CONT MTG
- 39 602086 BLOCK-CONT TERM MTG
- 41 602087 BLOCK-CONT TERM UPPER

- B2 610070 CB ASM SILVER POINT
- 42 214228 STRAP ASM LWR CONTACT SILVER POINT
- 43 749007 STRAP ASM UPP CONTACT SILVER POINT
- 44 9092 LOCKWASHER-CAM ASM MTG
- 46 34512 SCREW 1ST CMN BR MTG
- 47 150566 WASHER-BRG RET
- 48 613875 BEARING CLU CB
- 49 184792 SCREW-CAM ASM MTG
- 51 186932 SCREW CLU CB MTG
- 52 602353 COVER-CLU CB

DYNAMIC TIMER ASSEMBLY (D.F.)



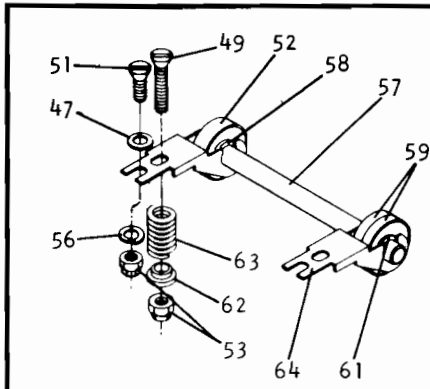
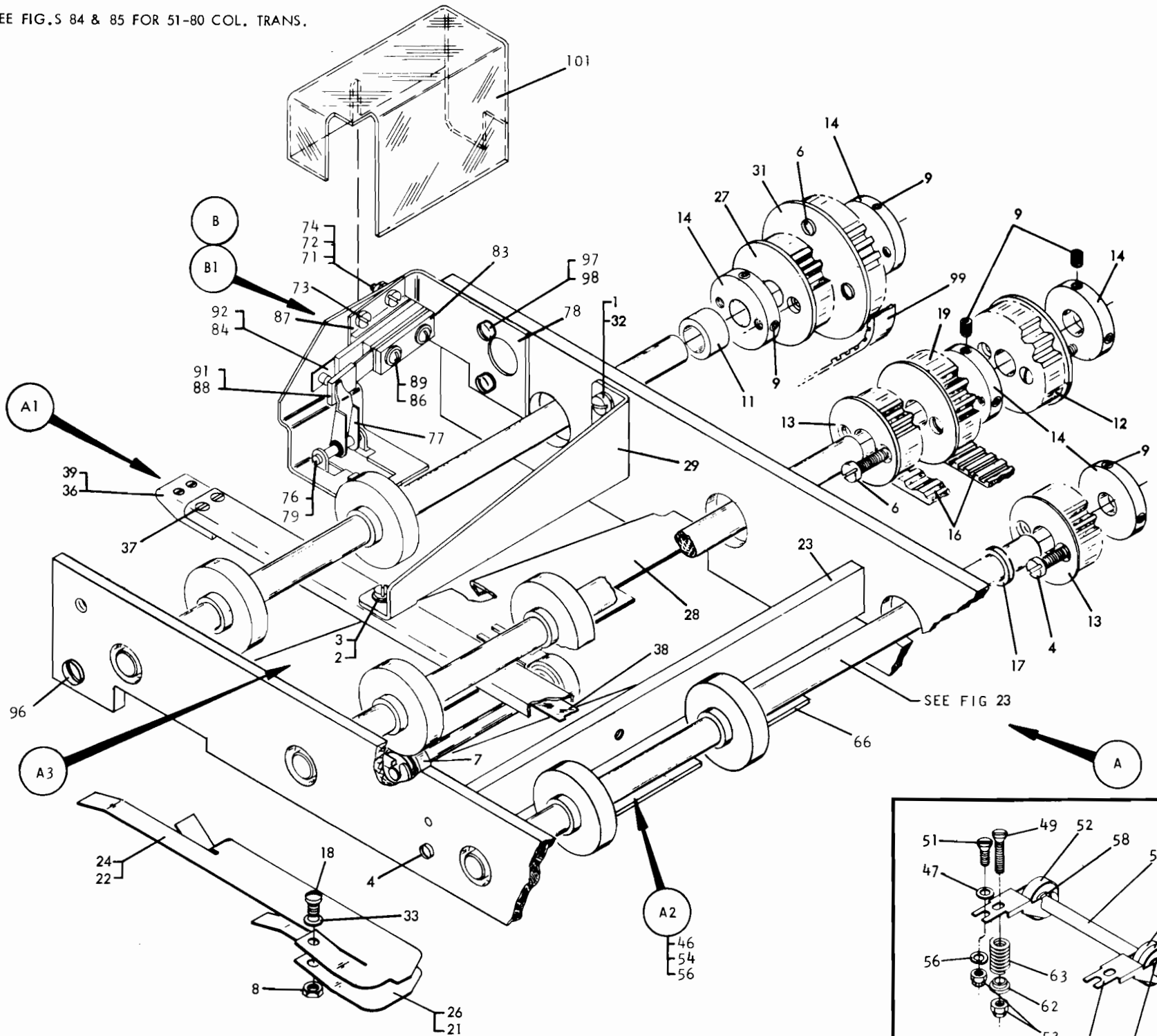
- A 602422 DISC ASM-TIMER
- 2 75983 SCREW LIGHT TERMINAL
- 3 129654 SCR TIMER HUB CLAMP
- 4 205086 WSHR-DISC RETAINING
- 6 205094 HLDR-LIGHT
- 7 205097 DISC ASM
- 8 205876 SHIELD-TIMER LIGHT BULB
- 9 257213 NUT DISC RETAINING
- 11 602363 HUB TIMER
- 12 610188 NEON LAMP ASM

- B 609786 TIMER BRACKET ASM
- 16 2031 SCREW BRUSH HOLDER
- 17 55901 LWASHER BRUSH HOLDER
- 18 60646 LWASHER DIAL MTG
- 19 113204 SPACER DIAL MTG
- 21 257189 NUT DIAL MTG
- 22 609052 MTG BRKT DYN TIMER
- B1 609688 HOLDER AND CABLE ASM
- 26 4473 SCREW HEX HD
- 27 206430 BRUSH HOLDER ASM
- 28 609689 CABLE ASM

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 36 3550 WASHER DYN TIMER BUMPER
 - 37 3960 NUT DYNAMIC TIMER BUMPER
 - 38 120789 WASHER-CRANK MTG
 - 39 186759 SCREW-DIAL MTG
 - 41 205773 BRUSH-DYN TIMER
 - 42 255939 BUMPER ASM DYN TIMER
 - 43 32042 SCREW TIMER MTG
 - 44 442822 SPRING-TIMER
 - 46 602398 COVER-TIMER
 - 47 602400 CRANK ASM-DYN TIMER
 - 48 609554 DIAL-DYN TIMER

TRANSPORT ASM. I

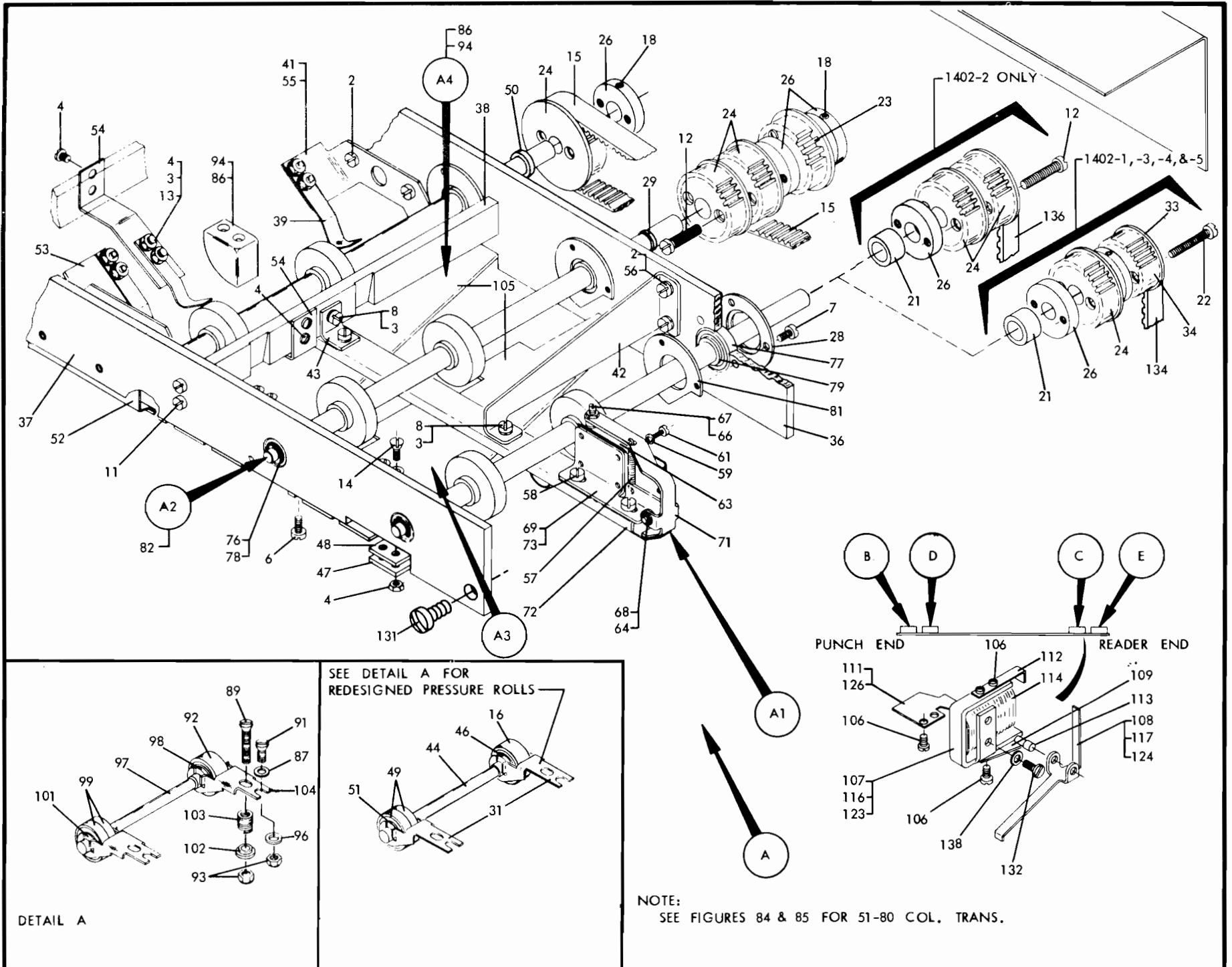
SEE FIG. S 84 & 85 FOR 51-80 COL. TRANS.



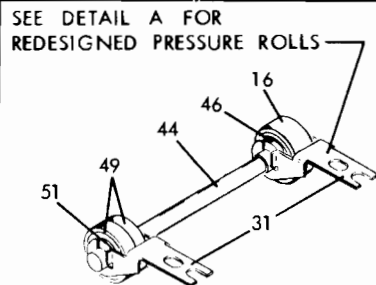
REDESIGNED PRESSURE ROLLS

A	609036	TRANSPORT ASM USED ON 1402-1, 3,-4 + 5 ONLY	A1	602458	JAM BAR ASM	B	609108	CARD-LEVER ASM
A	614005	TRANSPORT ASM USED ON 1402-2 ONLY	36	48594	SCR JAM BAR TIP MTG	71	6364	LWASHER-CARD LEVER
1	2300	SCREW-GUIDE MTG	37	52570	SCR CHNL MTG	72	38262	SCREW-CD LVR
2	6364	L WASHER-JAM BAR	38	602462	TAPE-JAM BAR	73	38266	SCREW-CVR MTG
3	38348	SCREW-JAM BAR MTG	39	602464	TIP JAM BAR	74	257186	NUT CARD LEVER
4	38354	SCREW-TIE BAR MTG	A2	603865	DEFLECTOR ASM PKT NO 4	76	602233	STUD-PIVOT CD LVR
6	38361	SCREW-UPR TRANS RL PULL	46	288	SCR FLIPPER ASM MTG	77	602235	CARD LEVER
7	155749	BEARING LWR FD ROLL	47	603916	WASHER	78	609109	BRACKET-CARD LEVER
8	257186	NUT CARD DEFLECT PLATE	49	38435	SCREW SPRING MTG	79	1073418	RING-CD LVR PIVOT
9	257973	SET SCREW RET COLLAR	51	52522	SCREW BRACKET MTG	B1	609107	CONTACT ASM-CARD
11	287013	SPACER-ROLL PULLEY	52	155749	BRG LWR FD RL	83	11900	INS BLOCK-CONTACT ASM
12	336145	PULLEY UPR TRANS RL	53	216128	NUT SPRING RETAINING	84	21866	TERMINAL-CONTACT ASM
13	336176	PULLEY-UPR TRANS RL	54	336808	FLIPPER ASM CARD	86	100229	INSULATION-CONTACT ASM
14	336254	COLLAR PULL RET	56	257985	WASHER	87	133202	SUPPORT-CONTACT ASM
16	148368	BELT UPR RL TIMING	57	602469	SHAFT LWR FD ROLLS	88	138709	SUPPORT-CONTACT ASM
17	336593	SPACER UPR RL PULL	58	602490	SPACER TRANS ROLL	89	173204	SCREW-CONTACT ASM
18	438548	SCREW-PLATE MTG	59	602782	BRG ASM MERGE PKT USED ON ASM 603865 ONLY	91	610315	CONTACT SPRG ASM MOVABLE
19	602230	PULLEY TRANS RL	61	602783	SPACER ROLL BRG USED ON ASM 603865 ONLY	92	610316	CONTACT SPRG ASM FIXED
21	602374	BLADE CHUTE SECONDARY SHORT	62	603862	RETAINER SPRING	96	1090012	SCREW TRANS TO PUNCH
22	602375	BLADE CHUTE SECONDARY LONG	63	603863	SPRING COMPRESSION	97	38350	SCREW-CARD LEVER MTG
23	602411	MOUNTING-JAM BAR	64	603864	BRACKET LOWER FEED ROLL	98	62031	LWASHER-CARD LEVER MTG
24	602450	BLADE CHUTE PRIMARY LONG	66	603014	DEFL ASM SEC	99	364156	BELT-TRANSPORT DRIVE
26	602456	BLADE CHUTE PRIMARY SHORT	A3	603866	DEFLECTOR ASM PKT NO 5 FOR BREAKDOWN OF PARTS SEE ASM A2	101	609483	DUST COVER-CD LVR PUN
27	602486	PULLEY TIMING BELT						
28	603014	PLATE CARD DEFLECTING						
29	609932	BRACKET JAM BAR MTG						
31	609196	PULLEY-TRANSPORT						
32	55901	LWASHER JAM BAR MTG						
33	1091061	WSHR-CARD DEFLECT PLATE						

TRANSPORT ASM. II



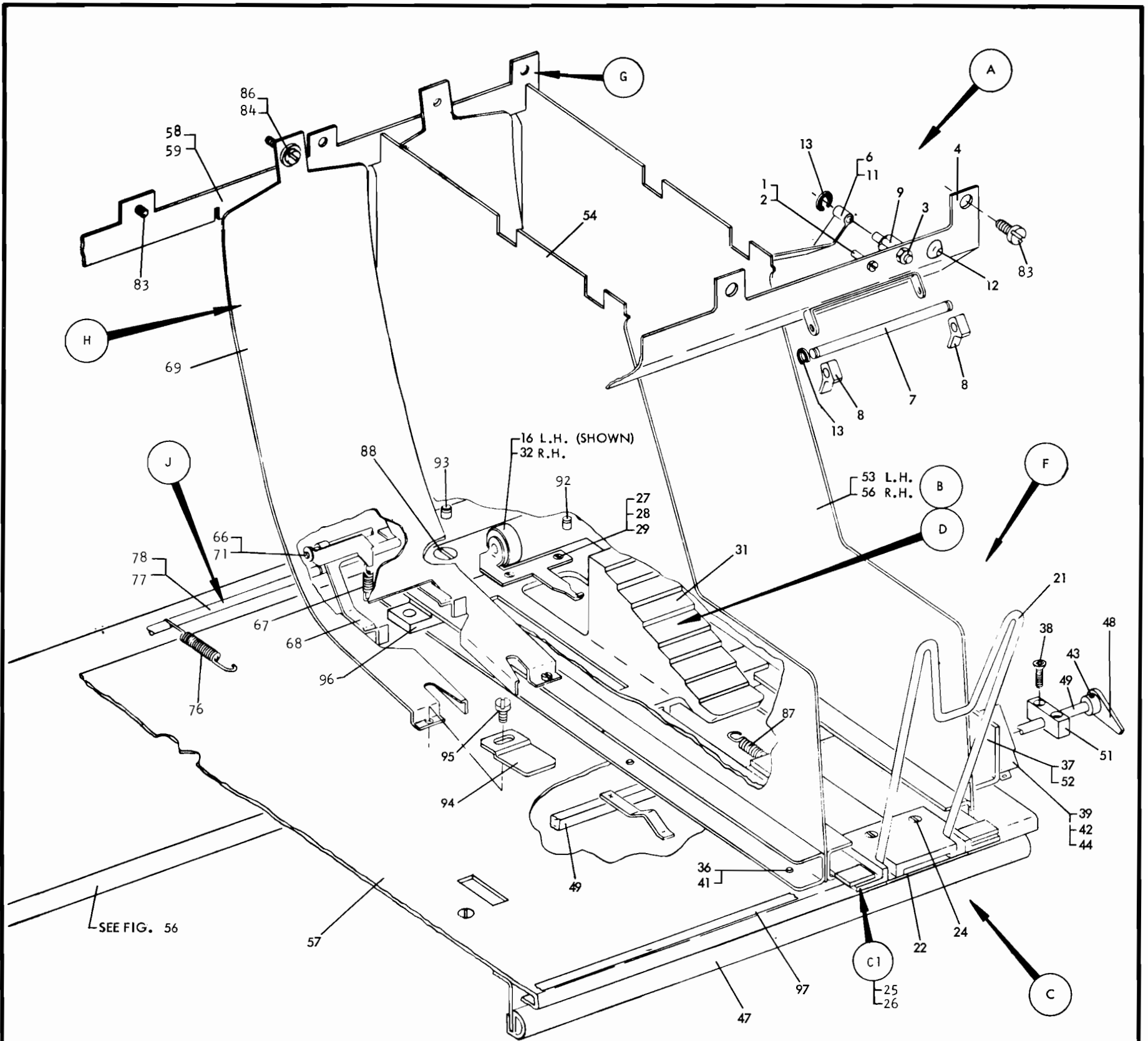
DETAIL A



NOTE:
SEE FIGURES 84 & 85 FOR 51-80 COL. TRANS.

A	609036	TRANSPORT ASM USED ON 1402-1, 3,-4 + 5 ONLY	50	610074	SPACER STACKER TRAN ASM	96	257985	WASHER
A	614005	TRANSPORT ASM USED ON 1402-2 ONLY	51	602783	SPACER ROLL BEARING	97	602469	SHAFT LWR FD ROLLS
2	2300	SCREW-GUIDE MTG	52	603782	FRT LED MERGE PKT	98	602490	SPACER TRANS ROLL
3	6364	L WASHER-JAM BAR	53	603783	GDE MERGE POCKET	99	602782	BRG ASM MERGE PKT
4	10170	SCREW JAM BAR	54	603784	BRACKET CENTER DEFL	101	602783	SPACER ROLL BRG
5	37913	NUT SPRG MTG	55	1090448	SPACER MERGE POCKET	102	603862	RETAINER SPRING
6	38235	SCREW-CHUTE BLADE MTG	56	55901	LWASHER JAM BAR MTG	103	603863	SPRING COMPRESSION
7	38238	SCREW BRG RET MTG	A1	602458	JAM BAR ASM	104	603864	BRACKET LOWER FEED ROLL
8	38348	SCREW-JAM BAR MTG	57	27083	SPRING-JAM BAR LEVER	105	603015	DEFL ASM SEC
11	38354	SCREW-TRANS PULL	58	38348	SCREW-JAM BAR SW BRKT	B	609038	SEL MAG ASM LEFT PUNCH
12	38361	SCREW-UPR TRANS RL PULL	59	45624	WASHER-JAM BAR SW MTG	106	48594	SCREW-SEL MAG
13	38433	SCREW SPRING MTG	61	52618	SCREW-JAM BAR SW MTG	107	602329	YOKE ASM-SEL MAG
14	38434	SCREW INS MTG	63	65266	SWITCH-JAM BAR	108	602390	ARMATURE-SEL MAG
15	148368	BELT UPR RL TIMING	64	147297	CLIP-JAM BAR LEV PIV	109	602393	SPRING-SEL MAG
16	155749	BEARING LWR FD ROLL	66	257187	NUT JAM BAR LEV ADJ	111	602395	DEFLECTOR-SEL MAG USED ON 609038 LEFT PUNCH ONLY
18	257973	SET SCREW RET COLLAR	67	336131	SCR JAM BAR LEV ADJ	112	602401	ARMATURE STOP SEL MAG
21	287013	SPACER-UPR TRANS RL	68	336132	STUD-JAM BAR LEV PIV	113	602415	PIN SEL MAG
22	322551	SCREW PULL FLANGE	69	336592	BRKT -JAM BAR SW MTG	114	609037	COIL ASM-SEL MAG
23	336145	PULLEY-STKR DR	71	602459	LEVER-JAM BAR	C	609039	SEL MAG ASM LEFT READ FOR BREAKDOWN OF PARTS SEE ASM B
24	336176	PULLEY-TRANS RL	72	602460	CHANNEL ASM-JAM BAR	D	609040	SEL MAG ASM RIGHT PUNCH
26	336254	COLLAR PULL RET	73	602465	MOUNT-JAM BAR SW	116	602340	YOKE ASM-SEL MAG
28	336345	RETAINER-BEARING	A2	609718	SHFT ASM TRANS RL	117	602384	ARMATURE-SEL MAG FOR BREAKDOWN OF PARTS SEE ASM B
29	336593	SPACER UPR RL PULL	76	613725	BEARING	E	609041	SEL MAG ASM RIGHT READ
31	336651	BRACKET BEARING RET	77	613875	BEARING	123	602340	YOKE ASM-SEL MAG
33	364153	FLANGE-PULLEY	78	332747	CLIP BEARING RETAINING	124	602384	ARMATURE-SEL MAG
34	364157	PULLEY-TRANSPORT ROLL	79	336534	SPACER	126	602396	DEFLECTOR-SEL MAG PARTS NOT INCLUDED WITH ASSEMBLIES
36	602310	SIDE RAIL-REAR	81	602557	RETAINER SHAFT	131	232	SCREW-REA+ER TO TRANS
37	602311	SIDE RAIL-FRONT	82	609713	SHFT ASM UPPER TRANS RL	132	337	SCREW SELECTOR MAGNETS
38	602382	MOUNTING-JAM BAR	A3	603867	DEFLECTOR ASM PKT NO 1 FOR BREAKDOWN OF PARTS SEE ASM A4	134	364156	BELT-TRANSPORT DRIVE USED ON 1402-1 3 ONLY
39	602408	SPRING MERGE PKT	A4	603868	DEFLECTOR ASM PKT NO 2	134	614358	BELT TRANSPORT DRIVE USED ON 1402-4 5 ONLY
41	602409	GUIDE-MERGE PKT	86	288	SCR FLIPPER.ASM MTG	136	602325	BELT TRANSPORT DRIVE USED ON 1402-2 ONLY
42	603879	BRACKET JAM BAR MTG	87	603916	WASHER	138	1090873	WASHER SELECTOR MAGNETS
43	602468	BRACKET-JAM BAR MTG	89	38435	SCREW SPRING MTG			
44	602469	SHAFT FEED ROLL LWR	91	52522	SCREW BRACKET MTG			
46	602490	SPACER TRANSPORT ROLL	92	155749	BRG LWR FD RL			
47	602493	PLATE FEED ROLL CLAMP	93	216128	NUT SPRING RETAINING			
48	602495	INSULATOR FEED ROLL	94	336808	FLIPPER ASM CARD			
49	602782	BEARING MERGE POCKET						

STACKER ASM.



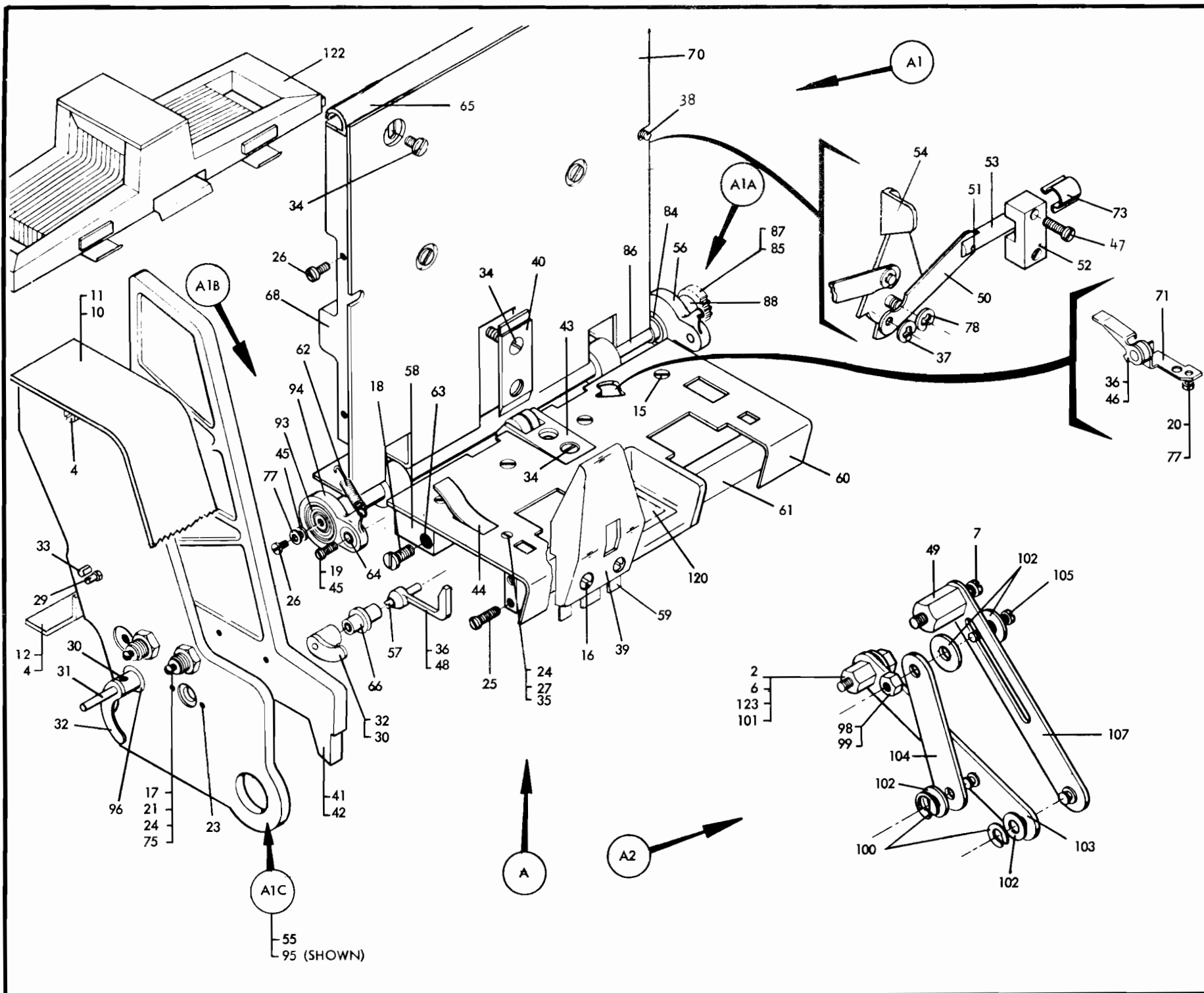
- A 602149 PIVOT AND LEVER ASM
- 1 5644 SCR CARD LEVER STOP
- 2 113821 TUBING CARD LEVER STOP
- 3 257187 NUT CD RETAINER
- 4 602153 CARD PIVOT ASM
- 6 602447 LEVER CD RESTRAIN LH
- 7 602488 SHAFT-CD RET LEVER
- 8 602489 LEVER-CARD RETAINING
- 9 602593 STUD, REST LEV PIVOT
- 11 602594 LEVER CD RESTRAIN RH
- 12 602978 BUMPER PLUG
- 13 1073418 CLIP-PIVOT STUD
- B 602338 SLIDE ASM-STKR LEFT HAND-SHOWN
- 16 602470 BRKT ASM CARD FOLLOWER LEFT HAND
FOR REMAINEED OF PARTS SEE ASM D
- C 603796 SLIDE ASM STACKER
- 21 602372 SUPPORT CD DECK
- 22 602642 PLATE CD SUP CLAMP
- 24 1115735 SCREW MTG PLATE
- C1 603799 SLIDE ASM BUMPER AND
- 25 363023 SLIDE CD DECK SUP
- 26 603795 INSERT SLIDE
- D 609160 SLIDE ASM CARD PUSHER
- 27 35739 SCREW-CAM FOLLOWER
- 28 257986 WASHER-CAM FOLLOWER
- 29 344015 NUT CAM FOLLOWER
- 31 602373 CARD SLIDE CARD PUSHER
- 32 609159 BRACKET ASM-CAM FOLLOWER RIGHT HAND

- F 609563 POCKET ASM
- 36 38261 SCREW-BRACKET MTG
- 37 38451 SCREW-BRACKET MTG
- 38 38452 SCREW-PIVET MTG
- 39 170176 SCREW + LWSHR SW MTG
- 41 150209 LWSHR BRKT MTG
- 42 228093 SWITCH-POCKET STOP
- 43 251350 SETSCREW-POCKET STOP
- 44 257985 WASHER-SW MTG
- 47 444806 SEAL DUST
- 48 602347 ARM ASM-POCKET STOP
- 49 602355 SHAFT ASM-POCKET STOP
- 51 602364 PIVOT-POCKET STOP
- 52 602413 BRACKET-STOP SHAFT
- 53 603068 POCKET CHANNEL ASM
- 54 603069 POCKET CHANNEL ASM
- 56 603070 POCKET CHANNEL ASM
- 57 609622 BASE PLATE STKR
- G 603074 RETAINER GUIDE ASM
- 58 602367 RETAINER-POCKET SEP
- 59 602978 BUMPER PLUG
- H 609785 RADIAL CARD GUIDE ASM
- 66 209063 SHAFT CARD ALIGNER
- 67 627651 SPRING CARD ALIGNER
- 68 209220 LEVER CARD ALIGNER
- 69 602371 GUIDE STACKER
- 71 1073418 CLIP RETAINING
- J 609787 ANCHOR ROD ASM
- 76 150603 SPRING SLIDE
- 77 264641 RING RETAINING
- 78 602629 ROD ANCHOR

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 83 58207 SCREW RETAINER
 - 84 60646 L WASHER GDE ASM
 - 86 130562 SCREW GDE ASM
 - 87 363157 SPRING CD SLIDE RET
 - 88 438573 SCREW-STALKER MTG
 - 92 602808 STUD-SPRING
 - 93 602809 STUD STOP
 - 94 603732 STOP STACKER CARD
 - 95 603733 SCREW CARD STOP MTG
 - 96 603798 BMPR CD DCK SPT SLD ASM
 - 97 610440 LABEL STKR PKT

1402 FIG. 24

HOPPER ASM.



* A 609053 PUNCH TRANSPORT ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 25 THRU 34

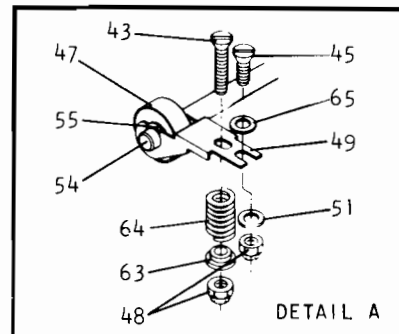
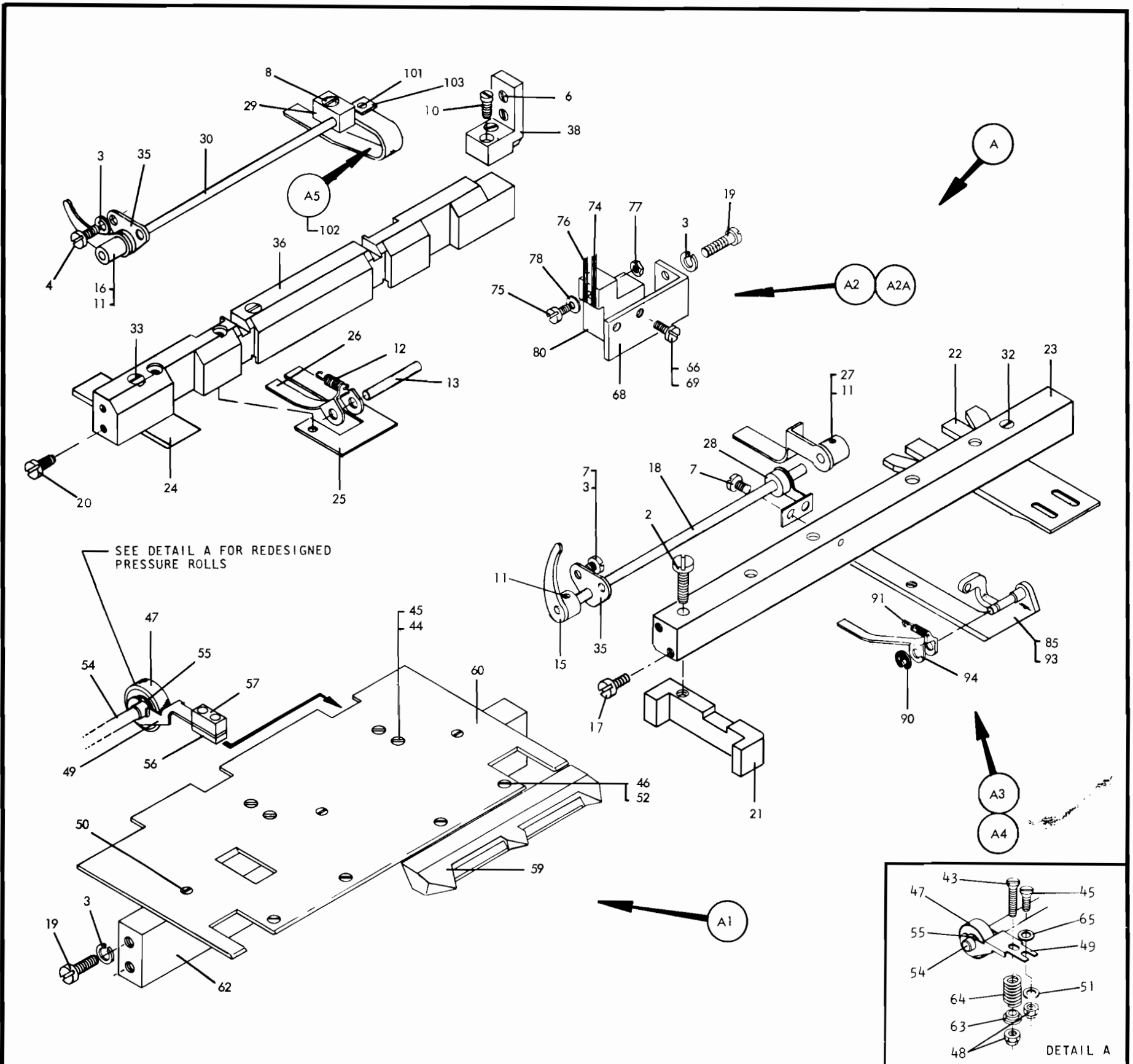
- 2 3550 WASHER
- 4 58207 SCREW CVR MTG
- 6 117281 NUT LINK
- 7 126065 SCREW LINK
- 10 609176 COVER HOPPER PIVOT R
- 11 609177 COVER HOPPER PIVOT L
- 12 613866 CARD GUIDE HOPPER
- A1 607077 HOPPER ASM
- 15 119 SCREW BED PLATE MTG
- 16 232 SCREW CARD POST MTG
- 17 420 SCREW SIDE FRAME MTG
- 18 641 SCREW TIE BAR MTG
- 19 2031 SCREW FD RL HANGER MTG
- 20 2300 SCREW CD LV SUPP
- 21 8163 NUT SIDE FR ADJ
- 23 10170 SCREW CD LV BUSHING
- 24 22066 WASHER SIDE FRAME ADJ
- 25 234317 SCREW TIE BAR MTG
- 26 38368 SCREW FD RL HANGER
- 27 52522 SCREW CD SUPP SPRING
- 28 127735 TAPER PIN
- 29 131546 STUD FD ROLL SPG
- 30 165556 SET SCREW CONTACT LEVER
- 31 196163 SHAFT CARD LEVER
- 32 206532 LEVER ASM CARD
- 33 219679 ROLL PIN
- 34 225859 SCREW BACK PLATE MTG
- 35 257186 NUT CD SUPP SPG MTG
- 36 257957 SET SCREW CONTACT LEVER

- 37 257982 CLIP LK LEV MTG
- 38 38354 SCREW HOPPER SD PL MTG
- 39 336144 POST HOPPER CARD
- 40 336151 BLOCK ASM THROAT KN
- 41 336165 PLATE HOPPER SIDE RT
- 42 336166 PLATE HOPPER SIDE L
- 43 336232 BLOCK ASM THROAT ROLLER
- 44 609780 SPRING CD DECK SUPP
- 45 336323 WSHR FD RL FIRST UPPER
- 46 602180 CD LV ASM NO 1
- 47 234321 SCREW LOCK MTG
- 48 602238 CD LV HOPPER CONTACT
- 49 607078 STUD FRK LINK
- 50 607079 LINK HOPPER LCK
- 51 607080 STUD HOPPER LCKG SFT
- 52 607081 BLOCK HOP LCK ROD RET
- 53 607082 SHAFT HOP LCKG
- 54 610078 LEV ASM HOP LCKG
- 55 607092 FRAME HOPPER SUB RT
- 56 607096 HANGER FIRST FD RL
- 57 607099 SHAFT HOP CD LEV
- 58 607200 BAR THROAT RL SUPP
- 59 369384 SHIM
- 60 607206 PLATE HOPPER BED
- 61 613881 BAR HOPPER POST SUP
- 62 607209 SPRING FIRST FD RL
- 63 607214 DOWEL THROAT RL BL BAR
- 64 607215 SLEEVE BRG HANGER
- 65 444806 GASKET PUNCH HOPPER
- 66 607466 BUSHING ASM CD LV MTG
- 68 607556 PLATE ASM-HOPPER BACK
- 70 608064 PLATE-HOPPER FACE
- 71 608065 BRACKET ASM-LEVER SHAFT

- 73 608185 CLIP LOCK PIN FRICTION
- 75 610687 BUSHING SIDE FRAME ADJ
- 77 1090873 L.WASHER CD LEV BRKT
- 78 1092125 CLIP LK LINK RET
- A1A 607210 FEED ROLL FIRST UPPER
- 84 156364 BEARING UPPER FEED ROLL
- 85 435943 TAPER PIN GEAR
- *86 607211 FEED ROLL 1ST UPPER
- *87 607212 GEAR UPPER FD RL DRIVE
- 88 607213 SPACER 1ST UPPER FEED RL
- A1B 607216 HANGER ASM BEARING
- 93 613875 BEARING
- 94 607096 HANGER FIRST FD RL
- A1C 608067 FRAME ASM HPR SUB LT
- 95 607091 FRAME HOPPER SUB LEFT
- 96 607098 BRG 1ST ROLL CD LEVER
- A2 610145 LINKAGE ASM HOPPER
- 98 125930 NUT LINK
- 99 140777 WASHER LINK
- 100 257700 CLIP LINK
- 101 317138 GROMMET
- 102 340031 WASHER LINK
- 103 607462 LINK ASM HOPPER
- 104 607465 LINK HOPPER
- 105 608125 SCREW LINK
- 107 609437 LINK ASM HOPPER
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 120 196832 DECAL-PUNCH FEED
- 122 336675 CARD WTG ASM PUNCH
- 123 607464 STUD

* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

CARD GUIDE ASM.



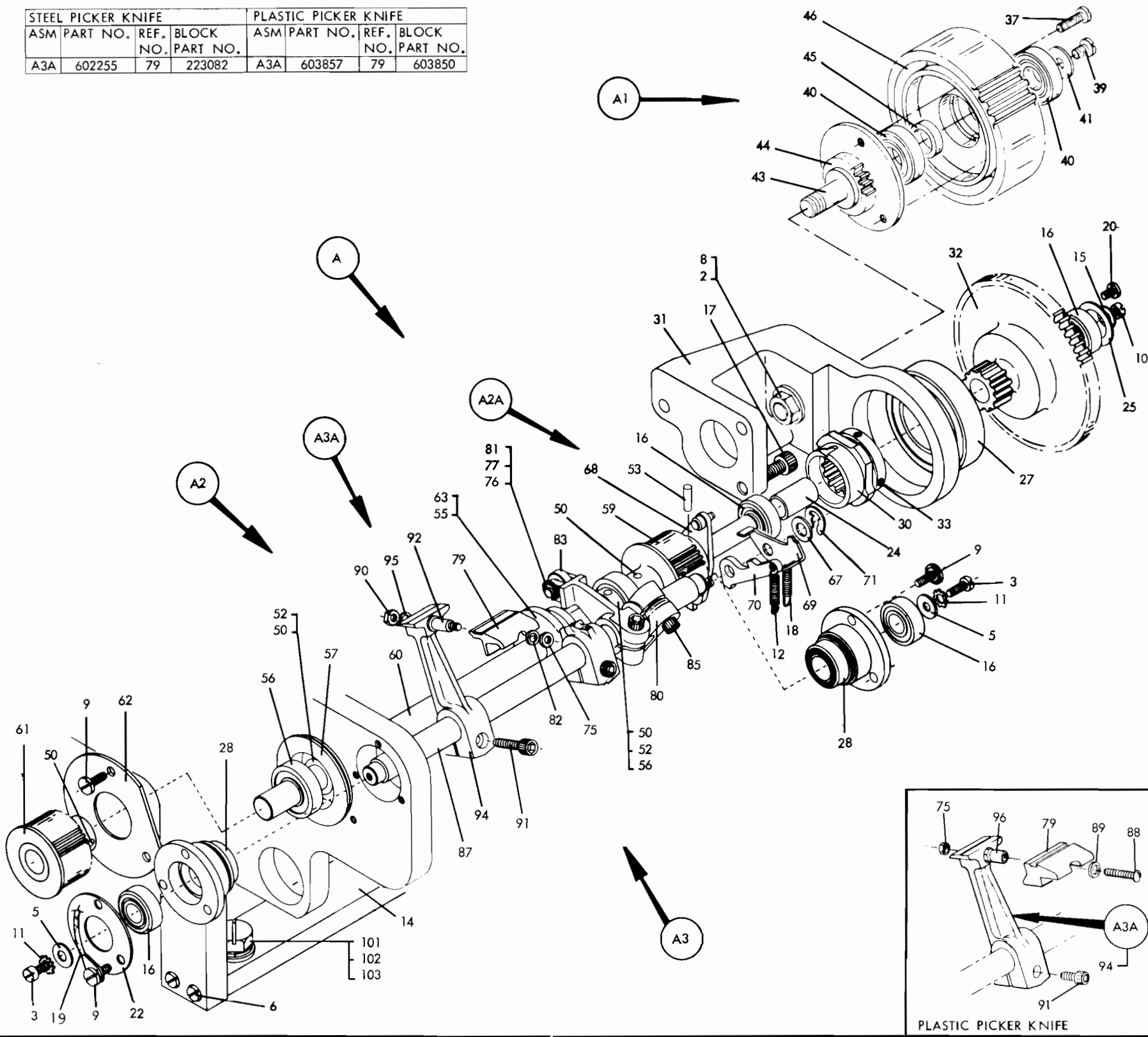
- * A 609053 PUNCH TRANSPORT ASM FOR REMAINDER OF THIS ASM SEE FIGS 25 THRU 34
- 2 170260 SCREW SIDE ALIGNER MTG
- 3 6364 LOCKWASHER
- 4 10170 SCREW
- 6 34512 SCREW-TIE BAR BRACK MTG
- 7 38350 SCREW
- 8 38352 SCREW
- 9 38433 SCREW - CD LVR MTG
- 10 170215 SCREW TIE BAR MTG
- 11 344210 SET SCREW
- 12 167790 SPRING - FINGER ALIGN
- 13 177741 SHAFT-PRESSER
- 15 238359 ARM CARD LEVER
- 16 238360 ARM CARD LEVER
- 17 234322 SCREW CD GUIDE MTG
- 18 470102 SHAFT - CARD LEVER
- 19 510379 SCREW
- 20 170241 SCREW CD LVR TIE BAR
- 21 607369 BLOCK ALIGNER LEFT
- 22 607421 GUIDE-UPR CARD
- 23 607422 TIE BAR-CARD GLE SUPP
- 24 607430 GUIDE-CARD
- 25 607431 GUIDE - PIVOT CLAMP
- 26 607433 SHOE - PRESSURE
- 27 610282 ALIGNER-CARD LEVER
- 28 607436 BRACKER-CARD LEVER

- 29 607469 BLOCK-BEARING
- 30 607551 SHAFT-CARD LEVER
- 32 607694 SCREW-CARD GUIDE MTG
- 33 607695 SCREW-CD GDE
- 35 607953 BRACKET-CARD LEVER
- 36 608021 BAR CD GDE SUPP
- 38 608202 BRACKET-TIE BAR MTG
- 39 608243 LEVER-CARD
- A1 609065 CARD GUIDE ASM PUNCH
- 43 38435 SCREW
- 44 37913 NUT CD GDE
- 45 38434 SCREW-CD GDE
- 46 52522 SCREW-CARD GUIDE
- 47 155749 BEARING-CD GDE
- 48 216128 NUT
- 49 336651 BRACKET-CARD GUIDE
- 49 603864 BRACKET REDESIGNED
- 50 438573 SCREW CD GDE
- 51 257985 WASHER
- 52 602229 LOCKING NUT CD GDE
- 54 602469 SHAFT-CD GDE
- 55 602490 SPACER-CD GDE
- 56 602493 PLATE-FD ROLL
- 57 602495 INSULATOR-CD GDE
- 59 609057 CARD GUIDE-CONTACT ROLL
- 60 609082 CARD GUIDE PUNCH TRANS
- 62 609717 TIE BAR CD GUIDE MTG

- 63 603862 RETAINER
 - 64 603863 SPRING
 - 65 603914 WASHER
 - A2 610191 BRUSH + BRKT ASM
 - 66 845 SCREW
 - 68 608201 BRACKET
 - 69 1090873 LOCKWASHER
 - A2A 607048 BRUSH ASM
 - 74 1769 BRUSH-COMMON
 - 75 52359 SCREW BRUSH MTG
 - 76 109339 BRUSH-COMMON
 - 77 257186 NUT BRUSH MTG
 - 78 257985 WASHER BRUSH MTG
 - 80 607049 BLOCK COMMON BRUSH MTG=2
 - A3 610142 SHOE AND GUIDE ASM LEFT BALANCE OF PARTS SHOWN UNDER ASM A4
 - 85 607423 BRACKET
 - A4 610173 SHOE AND GUIDE ASM RIGHT
 - 90 147297 CLIP PRESS SHOE MTG
 - 91 167790 SPRING
 - 93 607426 BRACKET
 - 94 607428 ALIGNER SHOE
 - A5 608243 CARD LEVER ASM
 - 101 38433 SCREW
 - 102 608249 CARD LEVER
 - 103 610248 PIVOT BLOCK
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

PICKER KNIFE SHAFT & CLUTCH SHAFT ASMS.

STEEL PICKER KNIFE				PLASTIC PICKER KNIFE			
ASM	PART NO.	REF. NO.	BLOCK PART NO.	ASM	PART NO.	REF. NO.	BLOCK PART NO.
A3A	602255	79	223082	A3A	603857	79	603850

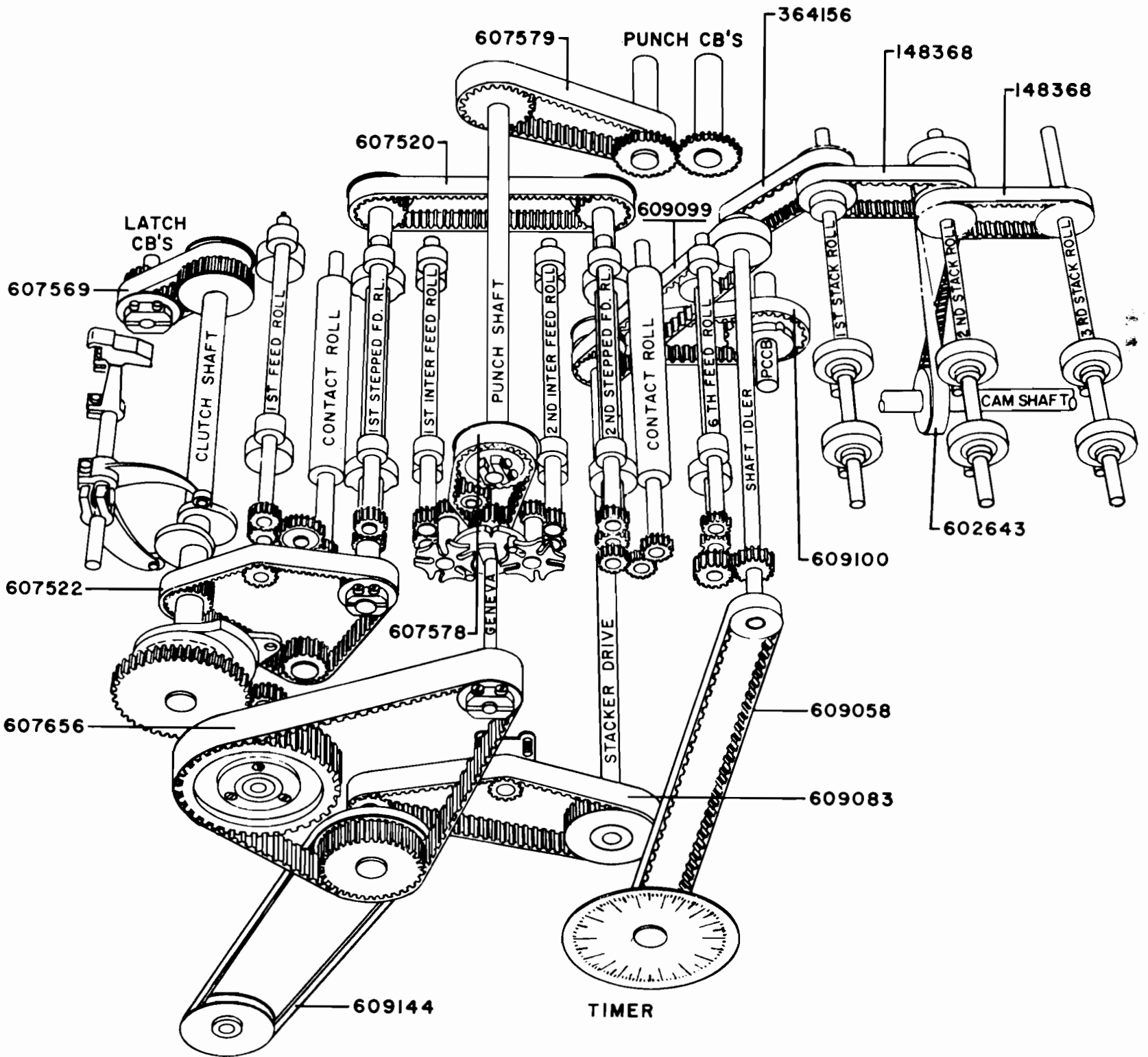
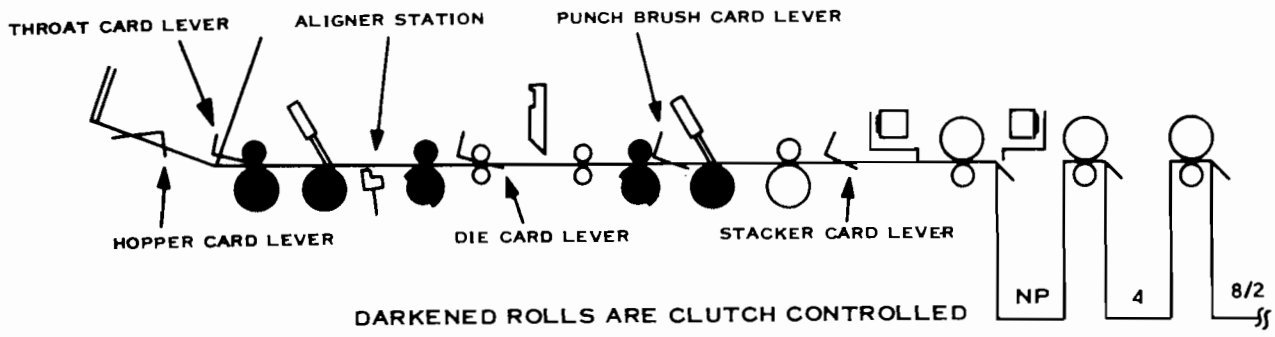


- * A 609053 PUNCH TRANSPORT ASM FOR REMAINDER OF THIS ASM SEE FIGS 25 THRU 34
- 2 453 WASHER-PULLEY MTG
- 3 845 SCREW - BEARING RET
- 5 2903 WASHER - BEARING RET
- 6 2994 SCREW-TIE BAR
- 8 24107 NUT PULLEY MTG
- 9 25627 SCREW - BEARING RET
- 10 34512 SCREW-BRG RET
- 11 1090873 LWASHER BEARING RET
- 12 58853 SPRING-CLU DETENT
- 14 133273 TIE BAR-MAIN FRAME
- 15 150566 WASHER-BRG RET
- 16 613875 BEARING
- 17 186935 SCREW - CLU
- 18 234966 SPRING-CLUTCH DOG
- 19 319886 JUMPER-HOPPER GRD
- 20 438566 SCREW-BRG RET
- 22 607352 RETAINER CAP-PKR SHAFT
- 24 607528 SPACER-CLU SHAFT
- 25 607529 RETAINER-BEARING
- 27 607846 BEARING-CLU CAM
- 28 607870 RETAINER-BEARING
- 30 608172 CAM CLUTCH
- 31 608174 BRACKET-PULLEY SUP
- 32 608175 GEAR-CLU INPUT
- 33 608214 SET SCREW-CAM MTG

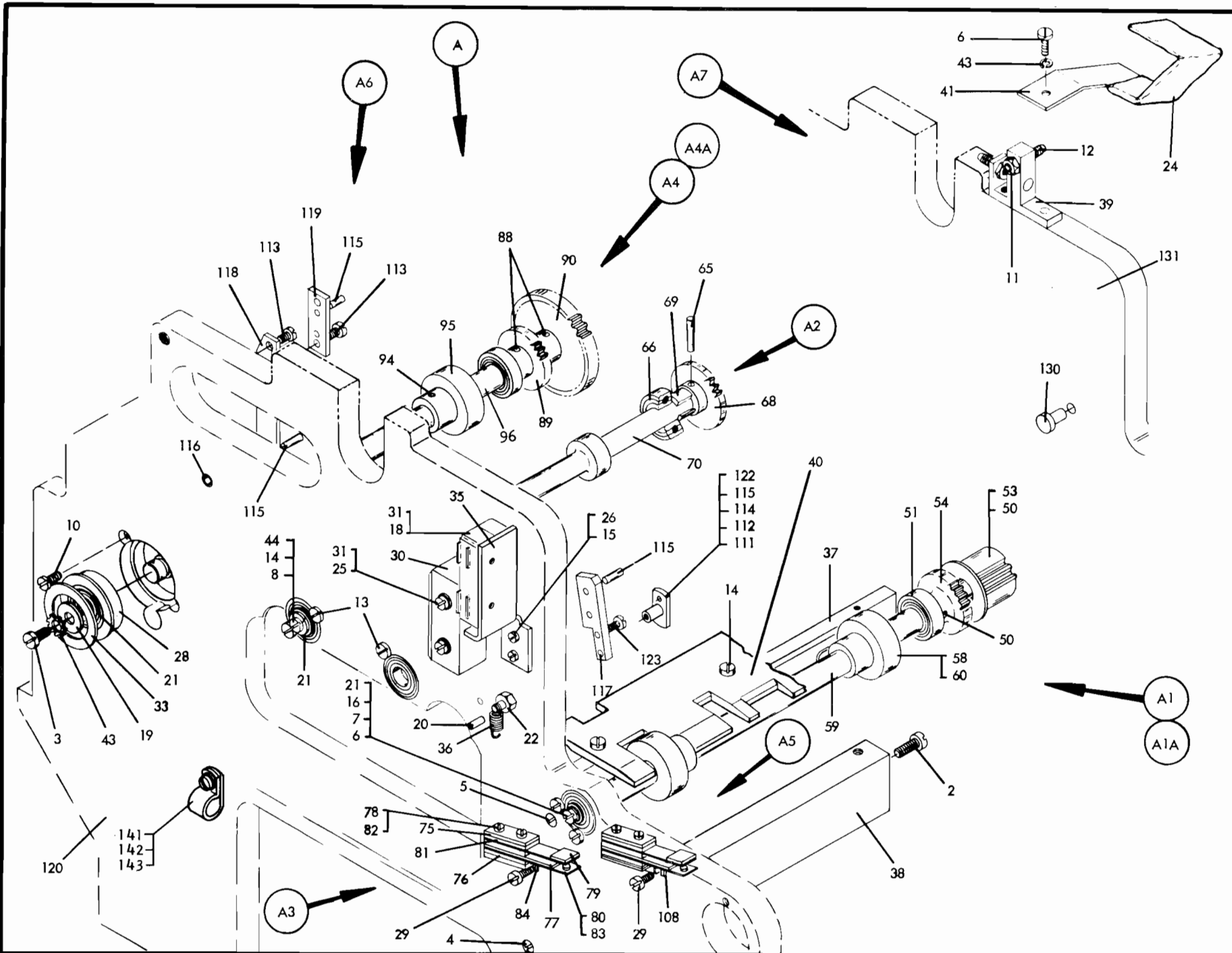
- A1 607508 PULLEY ASM CLUTCH
- 37 358 SCREW GEAR MTG
- 39 32042 SCREW PULLEY MTG
- 40 156231 BEARING
- 41 237032 WASHER BRG RETAINER
- 43 613874 BEARING
- 44 607375 PINION CLUTCH INPUT
- 45 607376 SPACER INPUT PULLEY BRG
- 46 607628 PULLEY - CLUTCH DRIVE INPUT
- A2 607677 SHAFT ASM CLUTCH
- 50 34 TAPER PIN-COLLAR MTG
- 52 22433 COLLAR
- 53 28441 TAPER PIN-ARM ASM MTG
- 55 104763 SCREW CAM HUB CLAMP
- 56 613874 BEARING
- 57 336276 HOUSING-BEARING
- 59 607505 PULLEY - CAM SHAFT
- 60 607511 SHAFT-CLUTCH CAM
- 61 607515 PULLEY - C.B. DRIVE
- 62 607519 RETAINER BEARING
- 63 607532 CAM CLUTCH PICKER
- *A2A 257637 ARM ASM CLUTCH
- 67 24090 WASHER
- * 68 234329 LEVER-CLUTCH
- 69 257634 DETENT CLUTCH BACKLASH
- 70 257635 DOG CLUTCH
- 71 257701 CLIP

- A3 610143 KNIFE + SHAFT ASM PICKER
 - 75 6503 NUT USED WITH 223082
 - 75 216128 NUT USED WITH 6 385
 - 76 12552 WASHER CAM FOLLOWER
 - 77 60489 SPRING CLIP CAM FOLLOWER
 - 79 223082 BLOCK PKR KNIFE STEEL
 - 79 603850 BLOCK PKR KNIFE PLASTIC
 - 80 603778 ARM CAM FOLLOWER
 - 81 336263 PIN CAM FOLLOWER
 - 82 336282 WASHER USED WITH 223082
 - 83 336321 BEARING CAM FOLLOWER
 - 85 437763 SCREW CAM FLWR ARM
 - 87 607353 SHAFT PICKER KNIFE
 - 88 333182 SCREW USED WITH 603850
 - 89 603703 WASHER USED WITH 603850
 - A3A 602255 ARM ASM PICKER KNIFE STEEL
 - A3A 603857 ARM ASM PICKER KNIFE PLASTIC
 - 90 6503 NUT USED ON 602255
 - 91 129654 SCREW
 - 92 336903 STUD USED ON 602255
 - * 94 602249 ARM PICKER KNIFE
 - 95 1090873 L WASHER USED ON 602255
 - 96 603846 STUD USED ON 603857
 - 101 453 WASHER-PUNCH TRANS MTG
 - 102 10309 L WASHER-PUNCH TRANS MTG
 - 103 38693 SCREW-PUNCH TRANS MTG
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

PUNCH FEED BELT DIAGRAMS



LOWER FEED ROLL ASMS



- * A 609053 PUNCH TRANSPORT ASM FOR REMAINDER OF THIS ASM SEE FIGS 25 THRU 34
- 2 234335 SCREW TIE BAR MTG
- 3 337 SCREW - BRG RET
- 4 234333 SCREW TIE BAR MTG
- 5 234322 SCREW TIE BAR MTG
- 6 845 SCREW - BEARING RET
- 7 2903 WASHER-BEARING RET
- 8 6364 LWASHER BEARING RET
- 10 10170 SCREW-BEARING RETAINER
- 11 11598 NUT ADJ LOCKING
- 12 25967 SCREW-ADJUSTING
- 13 38235 SCREW-BEARING RET
- 14 38352 SCREW
- 15 38353 SCREW-BRKT MTG
- 16 55901 LWASHER BEARING RET
- 18 105197 SWITCH-HOPPER INTERLOCK
- 19 150566 WASHER-BRG RET
- 20 150604 PIN HANGER
- 21 613875 BEARING
- 22 160827 STUD-SPRING
- 24 253570 INSULATION PCH CBL CLAMP
- 25 257985 WASHER - SW MTG
- 26 257986 WASHER-BRKT MTG
- 28 336270 RETAINER-BEARING
- 29 338238 SCREW-CONTACT MTG
- 30 438014 SWITCH - MICRO
- 31 438553 SCREW - SW MTG
- 33 603116 RETAINER-BRG
- 35 607083 BRACKET-HOPPER INTERLOCK
- 36 607188 SPRING-HANGER
- 37 607397 TIE BAR-CD GDE SUPP
- 38 607476 TIE BAR-MAIN FRAME
- 39 607581 SUPPORT-PUNCH UNIT ADJ
- 40 607655 CARD GUIDE-LWR
- 41 609104 CLAMP PUNCH CABLE
- 43 1090873 LWASHER BRG RET
- 44 1091508 WASHER-BEARING RET

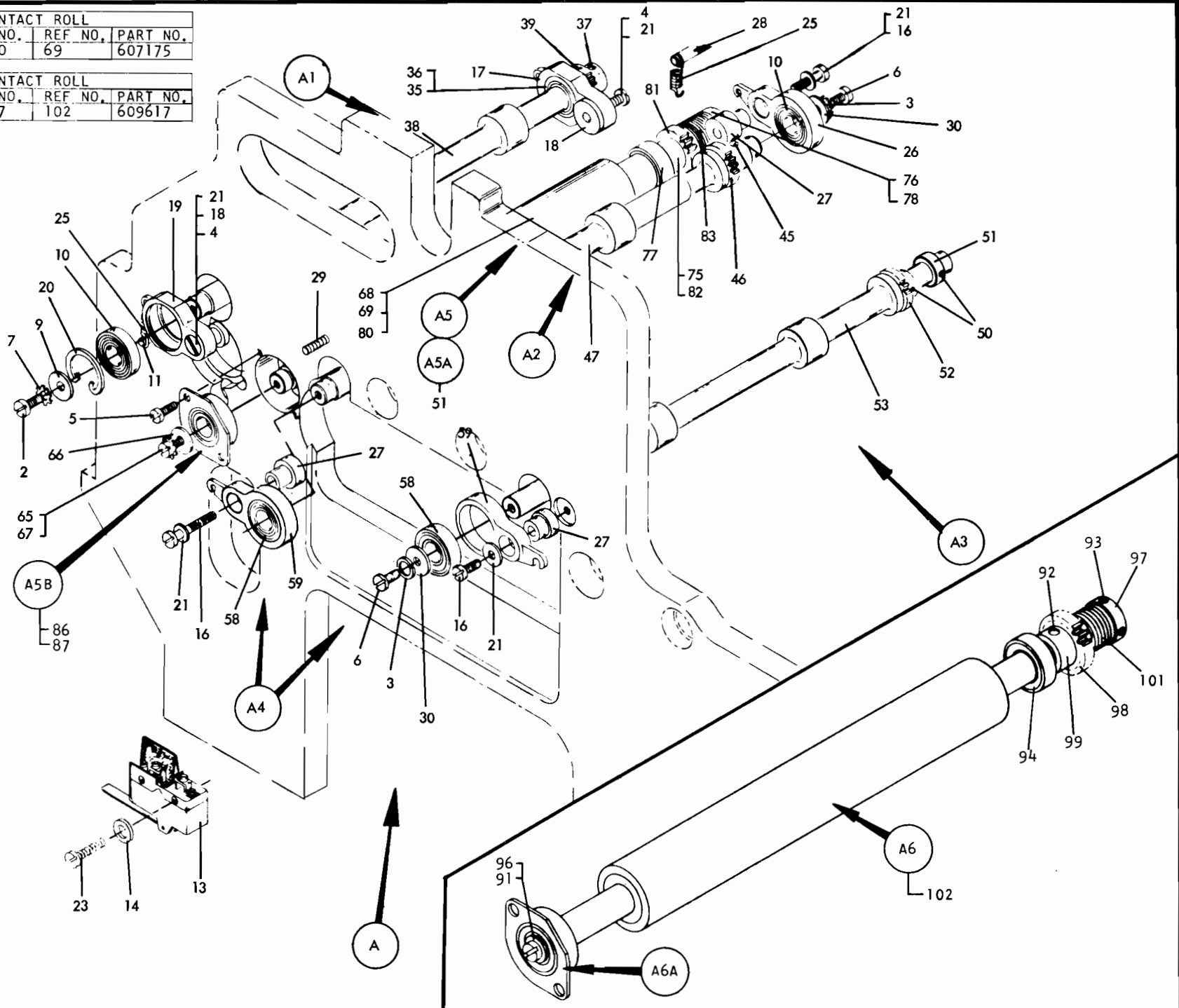
- A1 607106 FEED ROLL ASM 1ST LWR
- 50 19167 TAPER PIN LWR FD RL GR
- 51 156364 BEARING LOWER FEED ROLL
- 53 607110 PULLEY 1ST LWR FD ROLL
- 54 607115 GEAR LOWER FEED ROLL
- * A1A 607107 FEED ROLL ASM 1ST LOWER
- 58 10307 TAPER PIN FEED ROLL
- * 59 607108 SHAFT FEED ROLL, FIRST LW
- * 60 607109 FEED ROLL 1ST LOWER
- A2 607139 FEED ROLL ASM INTERMED
- 65 8427 TAPER PIN GEAR MTG
- 66 156364 BEARING
- 68 607140 GEAR INTER SFT DR
- 69 607141 SPACER UP INTER RL
- 70 607142 FEED ROLL UPPER INTER
- A3 610311 CONTACT-ASM CARD LEVER
- 75 11899 INSULATOR CONTACT SPG
- 76 11900 INSULATION CONTACT SPG
- 77 152711 CONTACT TERMINAL
- 78 100359 TUBE INSULATION
- 79 610315 CONTACT SPRING-MOVABLE
- 80 610316 CONTACT SPRING-FIXED
- 81 1882 CONTACT TERMINAL
- 82 173204 SCREW CONTACT MTG
- 83 239236 SPRING BACK UP
- 84 607568 BRKT CONTACT LEVER
- A4 609087 SHAFT + GEAR ASM 6TH LWR
- 88 19167 PIN 6TH LWR ROLL DRIVE
- 89 607115 GEAR-6TH LWR ROLL DRIVE
- 90 609086 GEAR-6TH LWR ROLL DRIVE

- * A4A 609088 SHAFT ASM 6TH LWR DRIVE
- 94 3904 TAPER PIN
- * 95 607109 FEED ROLL-6TH LWR
- * 96 607165 SHAFT-6TH LWR FD RL
- A5 610310 CONTACT ASM CARD LEVER
- 108 610034 BRKT SWITCH MTG
- BALANCE OF PARTS SHOWN UNDER A3
- * A6 609076 FRAME ASM LEFT
- 111 6364 LWASHER-FRAME
- 112 38350 SCREW-FRAME
- 113 38354 SCREW-FRAME
- 114 257986 WASHER-FRAME
- 115 326264 ROLL PIN-FRAME
- 116 602210 INSERT-FRAME
- 117 607443 GUIDE-1ST BRUSH
- 118 607446 GUIDE-BRUSH HLDR
- 119 607448 GUIDE-BRUSH 2ND
- * 120 609077 FRAME-LEFT
- 122 610016 BUTTON FIRST BR LOCATING
- 123 2103526 SCREW-FRAME ASM
- * A7 609074 FRAME ASM RIGHT
- 130 607444 BUSHING-LOC 1ST BRUSH
- * 131 609075 FRAME-RIGHT
- BALANCE OF PARTS SHOWN UNDER A6
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 141 2031 SCREW CABLE CLAMP MTG
- 142 204363 CLAMP CABLE
- 143 1090873 L WASHER-CABLE CLAMP MTG
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

UPPER FEED ROLL ASMS.

BRONZE CONTACT ROLL		
ASM PART NO.	REF NO.	PART NO.
A5	610140	69
		607175

CARBON CONTACT ROLL		
ASM PART NO.	REF NO.	PART NO.
A6	609767	102
		609617

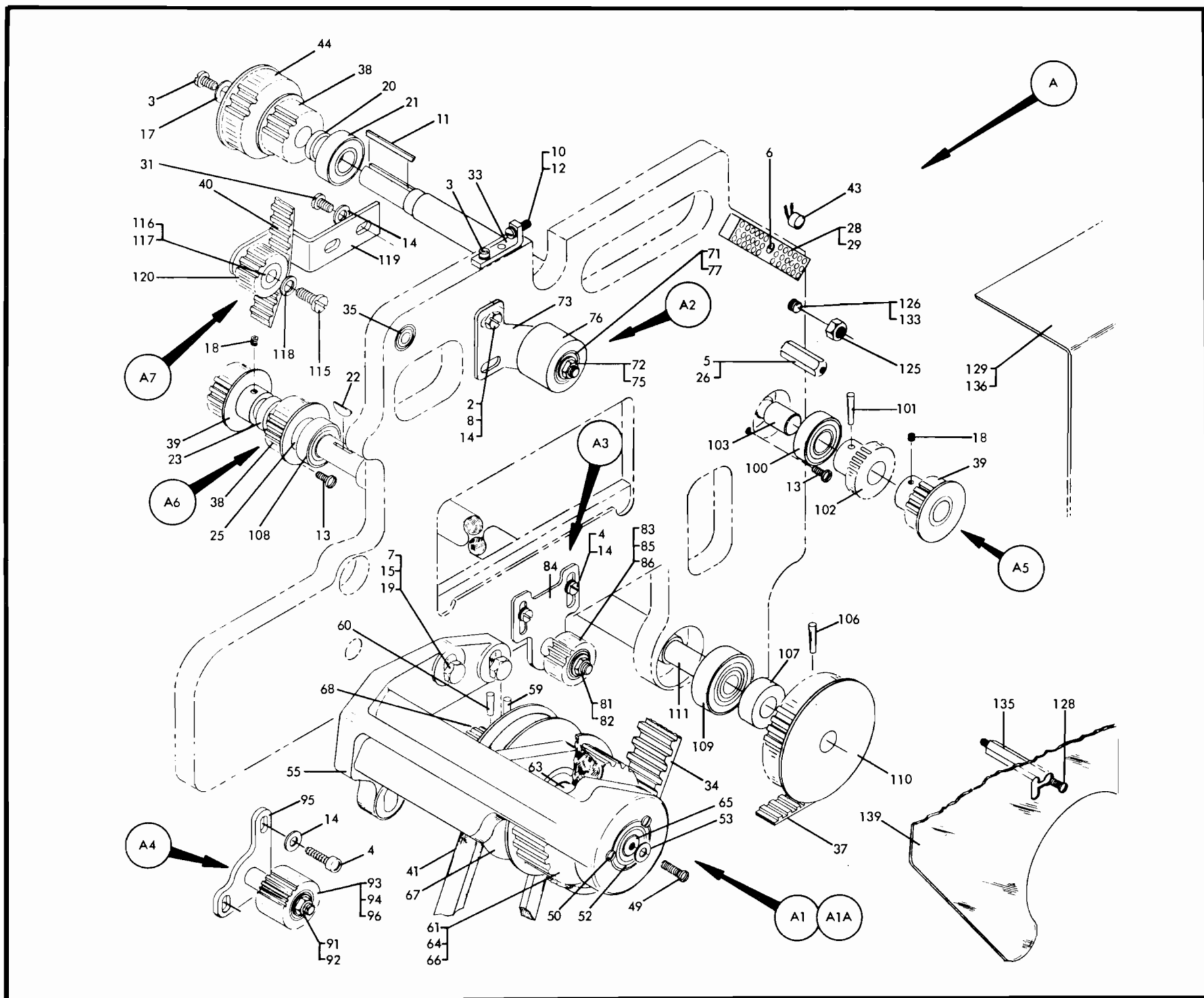


- * A 609053 PUNCH TRANSPORT ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 25 THRU 34
- 2 845 SCREW-BEARING RL
- 3 6364 LWASHER-BEARING RETAINING
- 4 19944 SCREW-FD RL HANGER
- 5 38351 SCREW-BEARING RET
- 6 38352 SCREW
- 7 55901 LWASHER-BRG RET
- 9 150566 WASHER-BRG RET
- 10 156364 BEARING-FEED ROLL
- 11 160827 POST-SPRING HANGER
- 13 238364 SWITCH
- 14 257985 WASHER - SW MTG
- 16 321483 SCREW-HANGER MTG
- 17 336146 HANGER-FD RL
- 18 336152 STUD-HANGER MTG
- 19 336153 HANGER-FD RL
- 20 336320 CLIP-FD RL HANGER
- 21 336323 WASHER-HANGER MTG
- 23 438553 SCREW-SWITCH MTG
- 25 607188 SPRING-HANGER
- 26 607358 HANGER-FD RL
- 27 607475 SLEEVE-HANGER
- 28 608074 POST-SPRING HANGER
- 29 610148 SETSCR BRUSH UNIT LOCAT
- 30 1091508 WASHER-HANGER MTG
- A1 607148 FEED ROLL ASM 6TH UPPER
- 35 58114 SPACER 6TH UPPER FD RL
- 36 156364 BEARING
- 37 435943 TAPER PIN GEAR MTG
- 38 607150 FEED ROLL 6TH UPPER
- 39 607212 GEAR UPPER FD RL

- A2 607689 FEED ROLL ASM 5TH UPPER
- 45 435943 TAPER PIN GEAR MTG
- 46 607687 GEAR-FIFTH UPR FD RL
- 47 607688 ROLL FIFTH UPPER FEED
- A3 607691 FEED ROLL ASM 2ND UPPER
- 50 4327 TAPER PIN
- 51 607121 COLLAR 2ND + 5TH UPR ROL
- 52 607686 GEAR SECOND UPPER ROLL
- 53 607690 ROLL SECOND UPPER FEED
- A4 607357 HANGER ASM FEED ROLL
- 58 156364 BEARING FEED RL SHAFT
- 59 607358 HANGER UPPER FEED ROLL
- A5 610140 CONTACT ROLL ASM BRONZE
- 65 234320 SCREW-BRG RACE RET
- 66 2903 WASHER BRG RACE RETG
- 68 257969 SET SCREW CONTACT ROLL
- * 69 607175 CONTACT ROLL BRONZE

- A5A 607168 SHAFT ASM CONTACT ROLL
- 75 19167 TAPER PIN GEAR MTG
- 76 151720 SET SCREW COLLAR MTG
- 77 156364 BEARING
- 78 442823 COLLAR SPRING RETAINING
- 80 607169 SHAFT CONTACT ROLL
- 81 607170 GEAR CONT RL
- 82 607171 SPACER CONTACT ROLL
- 83 607172 SPRING CONT RL CLUTCH
- A5B 607355 HOUSING ASM BRG CONTACT ROLL
- 86 156364 BEARING
- 87 607356 BEARING HOUSING CONT RL
- A6 609767 CONTACT ROLL ASM CARBON
- 91 2903 WASHER BRG RACE RETG
- 92 19167 TAPER PIN GEAR MTG
- 93 151720 SET SCREW COLLAR MTG
- 94 156364 BEARING
- 96 234320 SCREW BRG RACE RETG
- 97 442823 COLLAR SPRING RETAINING
- 98 607170 GEAR CONT R1
- 99 607171 SPACER CONT R1
- 101 607172 SPRING CONT R1 CLUTCH
- * 102 609617 CONTACT ROLL CARBON GRAPHITE
- A6A 607355 HOUSING ASM BRG CONTACT ROLL
FOR BREAKDOWN OF PARTS SEE ASM A5B
* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

SIDE FRAME ASM.



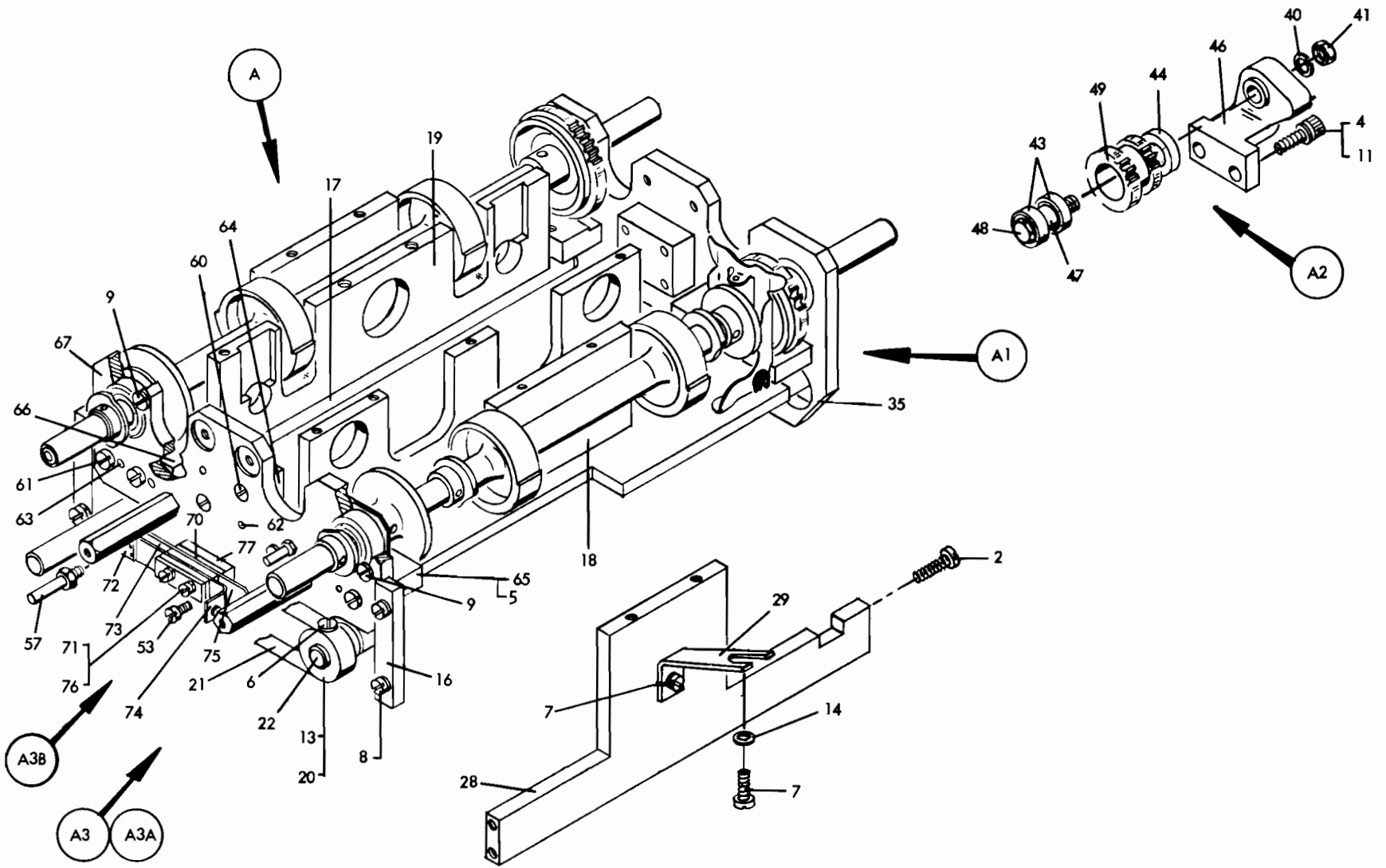
- * A 609053 PUNCH TRANSPORT ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 25 THRU 34
- 2 232 SCREW-IDLER MTG
- 3 337 SCREW-MTG
- 4 2994 SCREW-TIGHTENER MTG
- 5 4569 WSHR PCH TIM BELT SHLD
- 6 5644 SCREW - TERM BLK MTG
- 7 6935 LWASHER-IDLER MTG
- 8 9092 LWASHER IDLER MTG
- 10 11598 NUT ADJ LOCKING
- 11 14102 KEY PULLEY MTG
- 12 25967 SCREW-ADJUSTING
- 13 38235 SCREW-BEARING RET
- 14 45690 WASHER
- 15 59647 SCREW-DRIVE PULLEY MTG
- 17 110029 WASHER-PULLEY MTG
- 18 123639 SET SCREW-PULLEY
- 19 140777 WASHER-IDLER MTG
- 20 144040 SPACER-PULLEY MTG
- 21 156231 BEARING-IDLER SHAFT
- 22 160989 KEY PULLEY
- 23 167216 SPACER
- 25 226110 COLLAR-CR SHAFT
- 26 250714 STUD - PUN TIM BLT SH
- 28 302090 TERMINAL BLOCK
- 29 302131 INSULATION TERM BLK
- 31 437763 SCREW-IDLER MTG
- 33 607582 SUPPORT-PUNCH UNIT ADJ
- 34 607656 BELT-TIMING-C.E.M.
- 35 607867 BUSHING ISOLATION
- 37 609083 TIMING BELT-CR IDLER
- 38 609091 PULLEY-IDLER
- 39 609094 PULLEY-TRANSPORT DRIVE
- 39 610277 PULLEY-TRANSPORT DRIVE
- 40 609099 BELT TIMING
- 41 609144 BELT - PUN DRIVE

- 42 609186 SCREW PULLEY MTG
- 43 609414 DIODE ASM
- 44 609432 PULLEY-TRANS DRIVE
- A1 607382 PULLEY ASM DRIVE
- 49 32042 SCREW SHAFT RET
- 50 38235 SCREW BRG RET
- 52 204623 BEARING
- 53 237032 WASHER SFT RET
- 55 607227 BRKT DR PULLEY MTG
- A1A 607408 SHAFT ASM DRIVE PULLEY
- 59 31 TAPER PIN PULLEY MTG
- 60 22867 TAPER PIN PULLEY MTG
- 61 38352 SCREW FLANGE MTG
- 63 203788 BEARING
- 64 607223 FLANGE TIMING BELT PULLEY
- 65 607224 SHAFT DRIVE PULLEY
- 66 607225 PULLEY TIMING BELT
- 67 607226 PULLEY V-BELT
- 68 607416 PULLEY-CB DRIVE
- A2 607478 IDLER ASM PUNCH DRIVE
- 71 156364 BEARING
- 72 250785 WASHER PULLEY MTG
- 73 607479 BRACKET
- 75 610033 NUT
- 76 610183 ROLLER
- 77 610184 SPACER
- A3 607642 TIGHTENER ASM
- 81 22478 WASHER
- 82 77828 NUT
- 83 110129 BEARING
- 84 607492 BRACKET
- 85 607644 PULLEY
- 86 608492 SPACER

- A4 607645 TIGHTENER ASM BELT
- 91 22478 WASHER
- 92 72828 NUT
- 93 110129 BEARING
- 94 607496 PULLEY
- 95 607646 BRACKET
- 96 608492 SPACER
- A5 609089 IDLER SHAFT ASM PUNCH
- 100 156231 BEARING-IDLER SHAFT
- 101 310113 PIN GEAR
- 102 609085 GEAR-IDLER
- 103 609090 SHAFT-IDLER
- A6 609097 CR SHAFT ASM PUNCH
- 106 34 TAPER PIN-CR SHAFT
- 107 131562 COLLAR-CR SHAFT
- 108 156231 BEARING-CR SHAFT
- 109 204623 BEARING-CR SHAFT
- 110 609084 PULLEY-CR SHAFT
- 111 609096 SHAFT-CR PUNCH
- A7 609106 BELT TIGHTNER ASM
- 115 10170 SCREW-BELT TIGHTNER
- 116 58732 SPACER-BELT TIGHTNER
- 117 110129 ROLLER-BELT TIGHTNER
- 118 257986 WASHER-BELT TIGHTNER
- 119 609103 BRACKET-TIGHTENER
- 120 609105 PULLEY-BELT TIGHTENER
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 125 11598 NUT TRANS TO PUNCH MTG
- 126 13086 SCREW-TRANS TO PUNCH
- 128 32042 SCREW SHIELD GENEVA DR
- 129 34512 SCREW PUN TIM BELT SH
- 133 609162 SPACER-TRANS TO PUNCH
- 135 607672 STUD GENEVA DR BELT SH
- 136 609480 SHIELD PUN TIM BELT
- 139 615380 SHIELD GENEVA DR BELT
- * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

LOWERING FRAME ASM. I

NOTE:
SEE FIG. 32A FOR MACHINES WITH
A MOVEABLE SIDE ALIGNER.



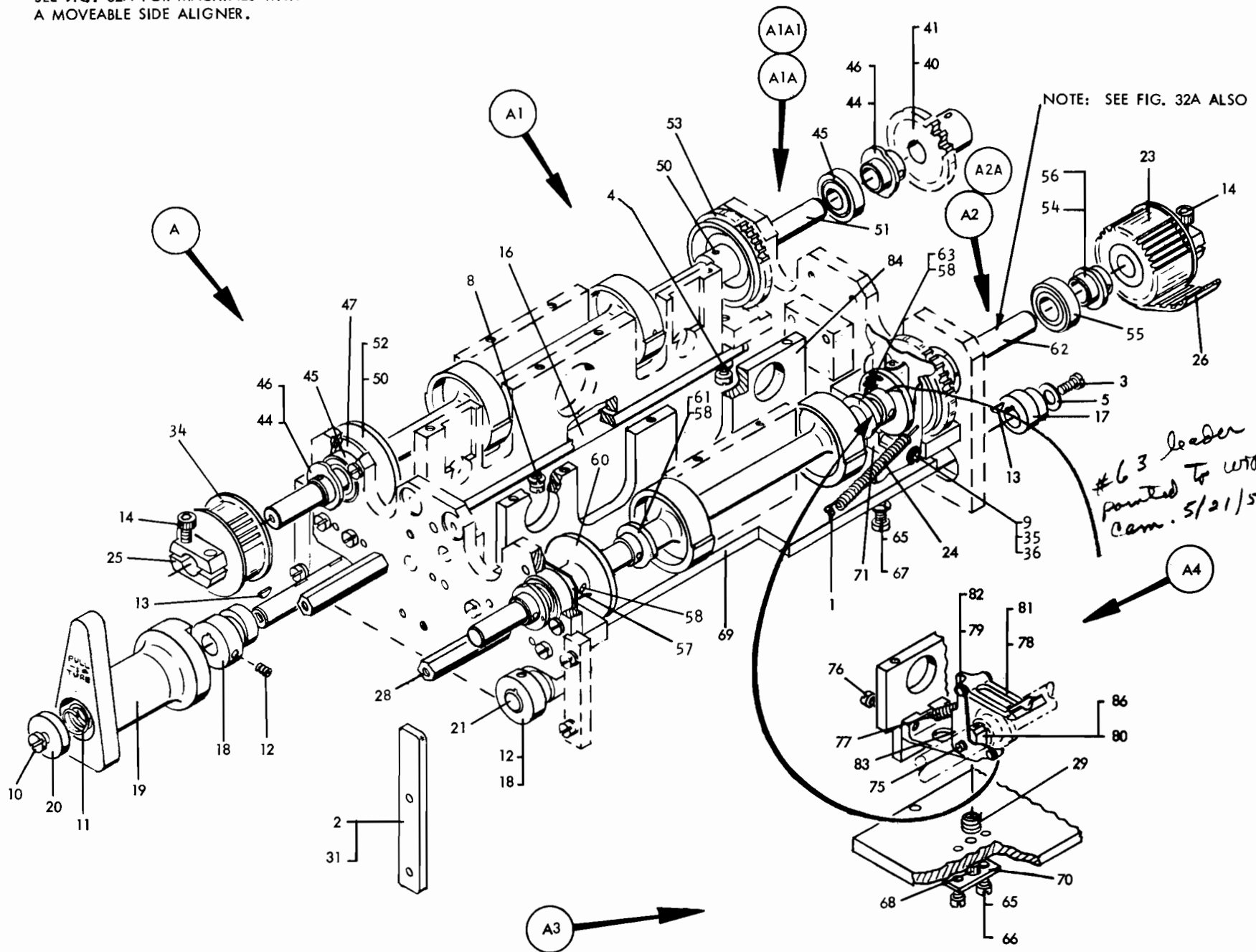
- * A 609053 PUNCH TRANSPORT ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 25 THRU 34
- 2 170228 SCREW SUPPORT MTG
- 3 6364 LOCKWASHER
- 4 9092 LWASHER IDLER MTG
- 5 8427 TAPER PIN-CD GD BASE
- 6 10170 SCREW-TAPE MTG
- 7 170214 SCREW BRACE MTG
- 8 170226 SCREW FRAME GUARD
- 9 81693 SCREW-BRG RET
- 11 104763 SCREW-IDLER MTG
- 13 257970 SET SCREW-LWRG SHAFT
- 14 257986 WASHER
- 16 607199 GUIDE-LOWERING FRAME
- 17 607229 BASE-CD GDE
- 18 607230 SUPPORT-CD GDE
- 19 607232 SUPPORT - CD GDE
- 20 607239 COLLAR-LWR SHAFT
- 21 607241 TAPE-LOWERING CAM DR
- 22 607246 SHAFT-LOWERING FRAME
- 28 609768 SUPPRT
- 29 609771 BRACE

- A1 607634 FRAME ASM RIGHT LOWERING
- 35 607636 FRAME RT LOWERING
BALANCE OF PARTS SHOWN UNDER A3A
- A2 609059 IDLER GEAR ASM
- 40 9092 LWASHER IDLER
- 41 11598 NUT IDLER
- 43 110129 BEARING-IDLER GEAR
- 44 310781 SPACER
- 46 609060 SUPPORT CASTING IDLER
- 47 609061 CLAMPING SPACER IDLER
- 48 609063 STUD-IDLER
- 49 609064 GEAR-IDLER
- A3 610133 LOWERING FRAME INTERLOCK ASM L
- 53 38265 SCREW DIE CONTACT MTG
- 57 607243 STUD LWRG KNOB LOCK

- A3A 607514 FRAME ASM LEFT LOWERING
 - 60 337 SCREW DIE SUPPORT MTG
 - 61 2031 SCREW BLOCK MTG
 - 62 173700 TAPER PIN DIE SUPP LOC
 - 63 216537 TAPER PIN CD GD SUPP LOC
 - 64 607190 BLOCK DIE SUPPORT
 - 65 607197 SUPPORT CD GD 2ND LWR
 - 66 607198 SUPPORT CD GD 3RD LWR
 - 67 607559 FRAME-LEFT LOWERING
 - A3B 607196 CONTACT ASM
 - 70 11900 INSULATION CONTACT SPG
 - 71 100229 INSULATION SCREW
 - 72 106988 CONTACT-CARD LEVER
 - 73 107070 CONTACT-CARD LEVER
 - 74 141964 TERMINAL-CONTACT
 - 75 141966 TERMINAL-CONTACT
 - 76 194835 SCREW
 - 77 610185 PLATE CONTACT MOUNTING
- * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

LOWERING FRAME ASM. II

NOTE:
SEE FIG. 32A FOR MACHINES WITH
A MOVEABLE SIDE ALIGNER.

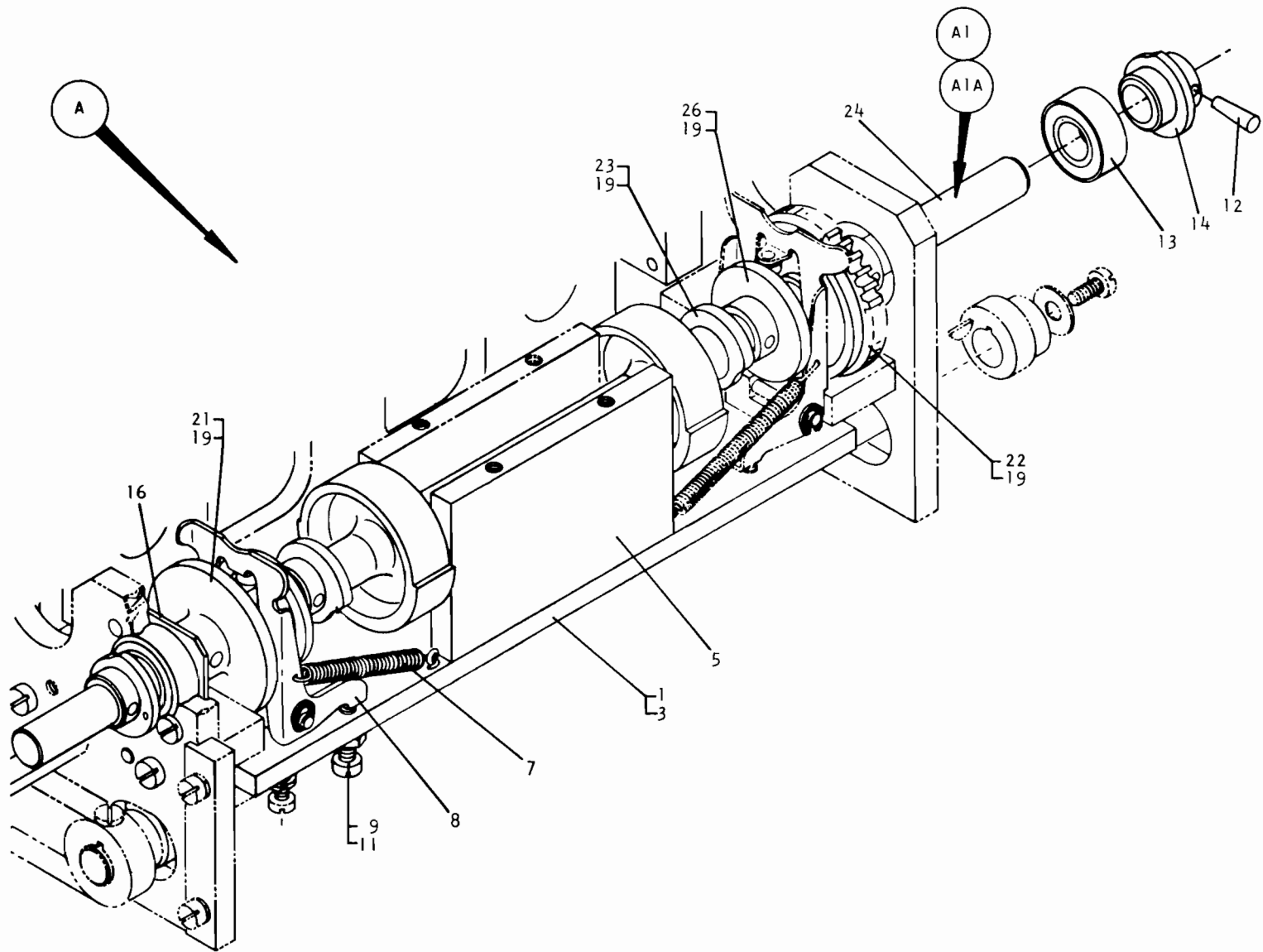


- * A 609053 PUNCH TRANSPORT ASM FOR REMAINDER OF THIS ASM SEE FIGS 25 THRU 34
- 1 71 PIN SPRING ANCHOR
- 2 232 SCREW-DIE INSERTION GDE
- 3 337 SCREW-LWR SHAFT
- 4 234321 SCREW CD GUIDE MTG
- 5 2903 WASHER-LWR SHAFT
- 7 38353 SCREW
- 8 170226 SCREW CD GUIDE BASE
- 9 147297 CLIP SIDE ALIGN
- 10 186758 SCREW-LOWERING-KNOB
- 11 220856 SPRING-LOWERING KNOB
- 12 257970 SET SCREW-LWRG SHAFT
- 13 302812 KEY LWR SHAFT
- 14 437763 SCREW-PULLEY CLAMP
- 16 607237 SHAFT-LWR FRAME
- 17 607238 COLLAR-LWR SHAFT
- 18 607239 COLLAR-LWR SHAFT
- 19 607240 KNOB-LOWERING FRAME
- 20 607244 STOP-LOWERING KNOB
- 21 607246 SHAFT-LOWERING FRAME
- 23 607316 PULLEY-2ND LWR FD RL
- 24 607364 SPRING SIDE ALGNR
- 25 607370 PULLEY-ROLL DRIVE
- 26 607522 BELT DRIVE
- 28 607674 STUD-LWR FR COVER MTG
- 29 607685 SPRING
- 31 608001 GUIDE DIE INSERTION
- 34 607516 SPACER STEP ROLL PULLEY
- 35 607387 ALIGNER-RIGHT SIDE
- 36 607678 PIN SIDE ALIGNER
- A1 609425 FEED ROLL ASM 5TH LOWER
- 40 19167 PIN TAPER
- 41 607115 GEAR

- A1A 607371 FEED ROLL ASM
- 44 29949 TAPER PIN CAM MTG
- 45 156364 BEARING
- * 46 607406 CAM RL OPEN NO TWO
- 47 608063 WASHER BEARING RETAINING
- * A1A1 607405 FEED ROLL + DISC ASM 5TH LWR
- 50 19167 PIN TAPER
- * 51 607957 SHAFT-5TH LWR FD ROLL
- * 52 607958 DISC STEPPED RL SEP
- * 53 607959 DISC+GEAR STEPPED RL SEP
- A2 610096 FEED ROLL ASM 2ND LWR
- 54 29949 TAPER PIN CAM MTG
- 55 156364 BEARING
- 56 607248 CAM RL OPEN NO ONE
- 57 608063 WASHER BEARING RETAINING
- A2A 610095 STEP ROLL ASM 2ND LOWER
- 58 8427 TAPER PIN CAM + DISC MTG
- 59 29949 TAPER PIN
- 60 607257 DISC RL SEP LT
- 61 607286 CAM FORWARD ALIGNER
- * 62 607291 SHAFT-SEL LWR FD RL
- 63 607310 CAM SIDE ALIGNER

- A3 610134 TIE BAR ASM LOWERING FRAME
 - 65 6364 LOCKWASHER
 - 66 38352 SCREW LCK PLATE
 - 67 38353 SCREW MTG PIV BLK
 - 68 355369 SCREW ALIGNER ADJ
 - 69 609773 BASE CD GUIDF 2ND LWR
 - 70 607395 LOCK PLATE ADJUSTMENT
 - 71 607396 PIVOT BLOCK SIDE ALIGNER
 - A4 610137 ALIGNER + SUPPORT ASM
 - 75 22232 PIN FWD ALIGNER
 - 76 38351 SCREW BRKT ALGNR ADJ
 - 77 131551 SPRING CAM FOLLOWER
 - 78 167790 SPRING FINGER ALGNR
 - 79 251989 CLIP PIV FWD ALGNR
 - 80 607392 BRACKET ALIGNER ADJ
 - 81 607393 FINGER ALIGNER
 - 82 607394 PIVOT FWD ALIGNER
 - 83 607560 FOLLOWER-CAM
 - 84 607635 SUPPORT 2ND LWR CD GD
 - 86 1100523 SFT SCR BRKT ALGNR
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

LOWERING FRAME ASM. II



NOTE:
THIS PAGE IS FOR MACHINES WITH A MOVEABLE
LEFT SIDE ALIGNER. SEE FIG'S 31, 32, & 33
FOR BALANCE OF PARTS.

FOR REMAINDER OF THIS ASM
SEE FIGS 25 THRU 34

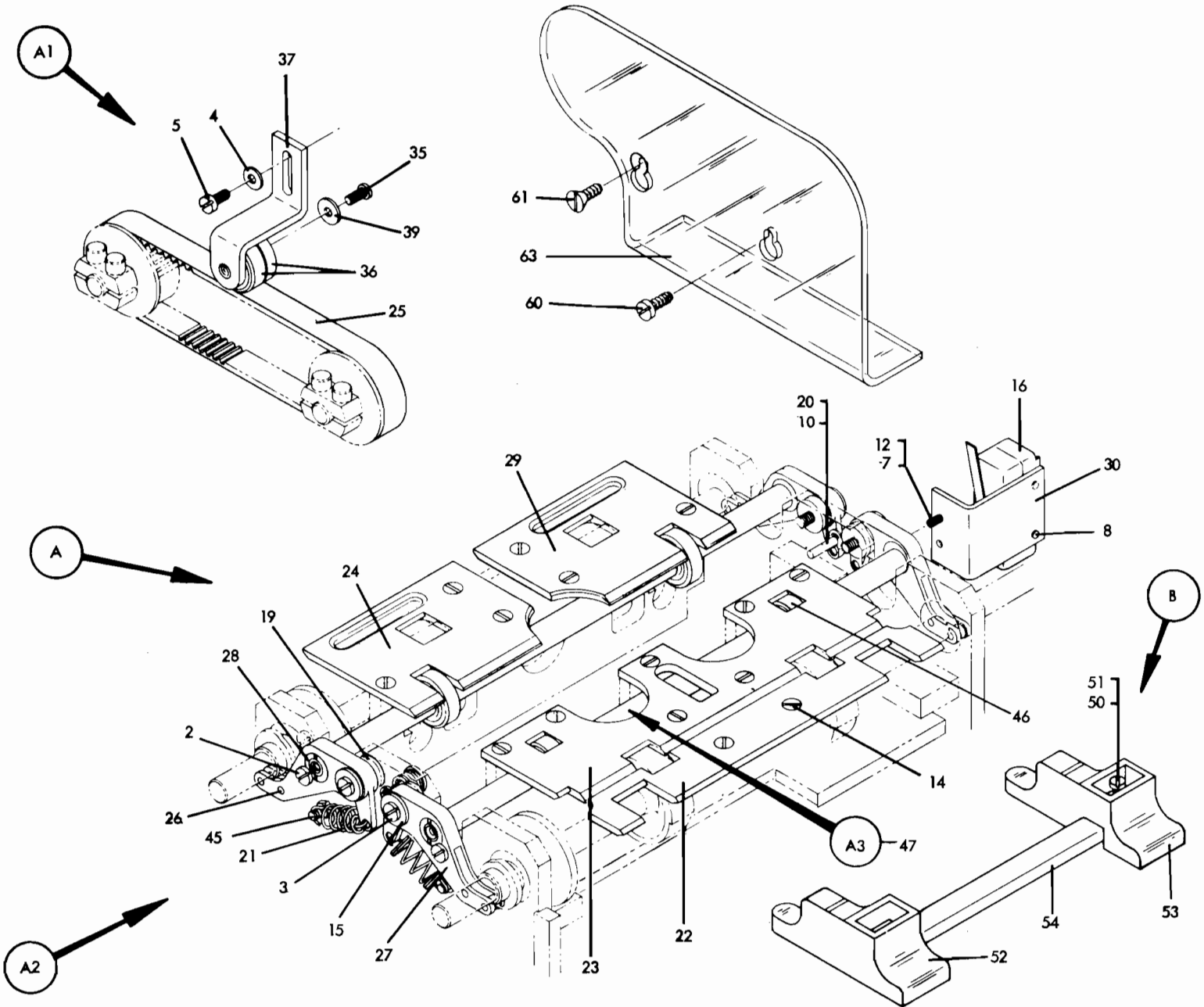
- * A 609053 PUNCH TRANSPORT ASM
- 1 8427 TAPER PIN-BASE CD GD
- 3 607228 BASE-CD GD 2ND LWR
- 5 607230 SUPPORT-2ND LWR CD GD
- 7 607364 SPRING-SIDE ALIGNER
- 8 607390 ALIGNER LEFT
- 9 257187 NUT ADJ
- 11 38354 SCREW ADJ

- A1 607242 FEED ROLL ASM 2ND LOWER
- 12 29949 TAPER PIN-CAM MTG
- 13 156364 BEARING
- * 14 607248 CAM RL OPEN NO. 1
- 16 608063 WASHER-BEARING RET

- *A1A 607252 STEP ROLL ASM 2ND LOWER
- 19 8427 TAPER PIN-CAM + DISC MTG
- * 21 607257 DISC-RL SEP LT
- * 22 607284 DISC-RL SEP RT
- * 23 607286 CAM FORWARD ALIGNER
- * 24 607291 SHAFT
- * 26 607310 CAM SIDE ALIGNER

* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

LOWERING FRAME ASM. III



* A 609053 PUNCH TRANSPORT ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 25 THRU 34

2 10170 SCREW-ECC LOCKING
3 19944 SCREW-HANGER MTG
4 22478 WASHER-TIGHTNER MTG
5 24752 SCREW-TIGHTNER MTG
7 38263 SCREW - BRKT MTG
8 52359 SCREW-CONT BLK MTG
10 147297 CLIP-CONTACT ASM
12 257985 WASHER - BRKT MTG
14 316807 SCREW-CD GDE MTG
15 336323 WASHER-HANGER MTG
16 438014 SWITCH - MICRO
19 607189 HANGER SLEEVE-FD RLS
20 607191 PIN DIE CONTACT
21 607209 SPRING-ROLL HANGER
22 607233 CARD GUIDE-LWR FRONT
23 610284 CARD GUIDE-LWR REAR
24 607235 CARD GUIDE-3RD LWR
25 607520 BELT TIMING
26 607622 HANGER-4TH LOWER
27 607633 HANGER-3RD LOWER
28 607878 BUSHING ECCENTRIC
29 608278 CARD GUIDE 3RD LWR
30 608284 BRACKET - SWITCH

A1 607360 TIGHTENER ASM BELT
35 38235 SCREW BRG RETAINER
36 156364 BRG BELT TIGHTENER
37 607361 BRACKET
39 1091508 WASHER BRG RETAINER
A2 610133 LOWERING FRAME INTERLOCK ASM
45 160817 STUD SPG FD RL HGR
A3 607137 FEED ROLL ASM INTER LOWER
46 156364 BEARING FD RL
47 607138 SHAFT INTER FD RL LWR

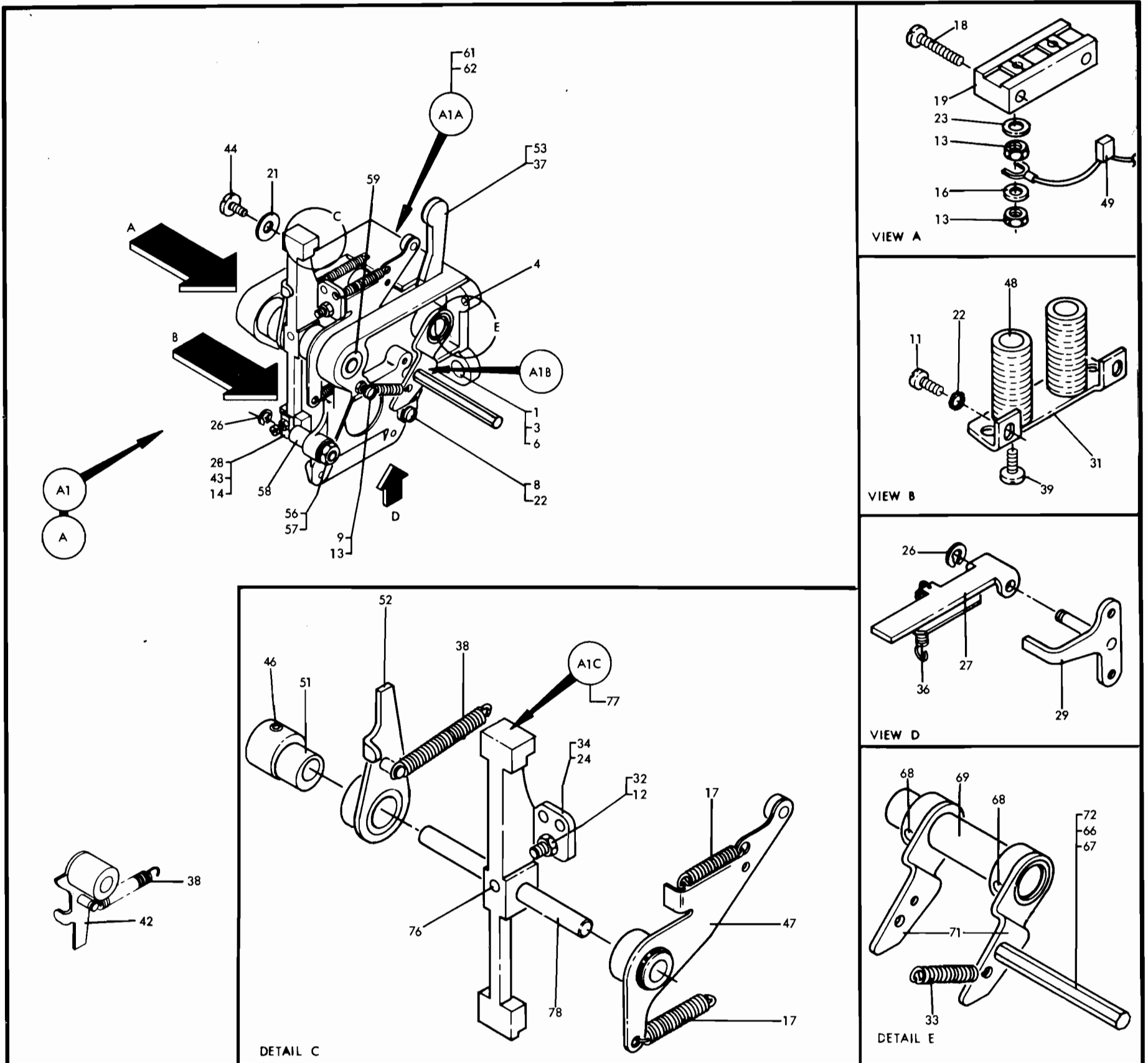
B 608183 GAGE ASM INTERMITTENT ROLL
50 38354 SCREW
51 56722 LOCKWASHER
52 608181 GAGE-LEFT
53 608182 GAGE-RIGHT
54 608184 BAR

PARTS NOT INCLUDED WITH ASSEMBLIES

60 32617 SCREW LWG FRAME SHIELD
61 49814 SCREW
63 607673 SHIELD-LWR FRAME

* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

CLUTCH ASM.

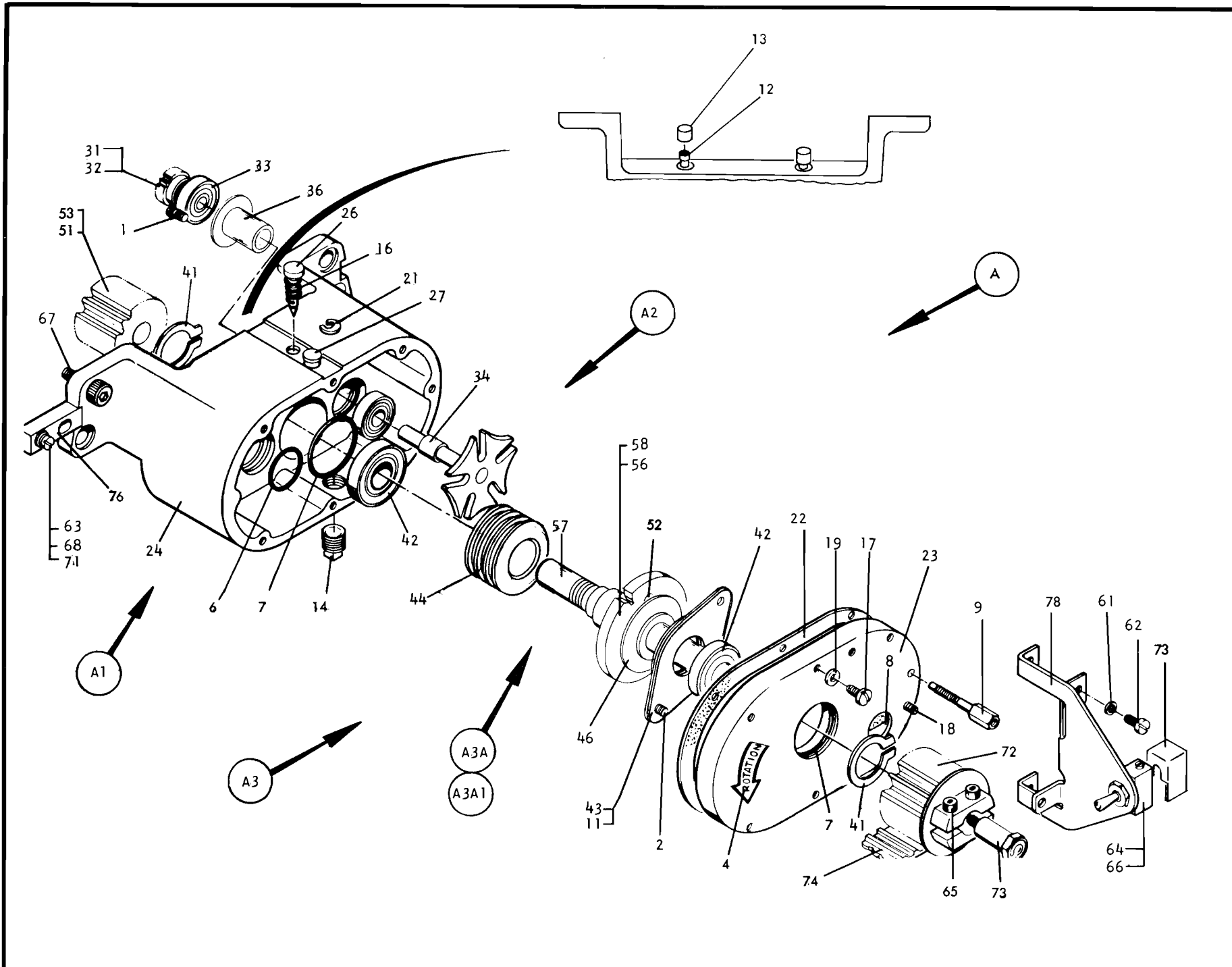


- * A 609053 PUNCH TRANSPORT ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 25 THRU 34
- 1 6935 LWASHER CLUTCH MTG
- 2 124987 SCREW CLUTCH
- 3 186935 SCREW CLU
- 4 216837 PIN LOCATING
- 6 225741 WASHER CLUTCH MTG
- A1 609079 FEED CLUTCH ASM PUNCH
- 8 72 SCREW-FD CLU
- 9 673 SCREW-SPRING STUD
- 11 4236 SCREW-YOKE MTG
- 12 6503 NUT FD CLU
- 13 7341 NUT SPRING STUD
- 14 8506 NUT KNOCKOFF
- 16 22066 WASHER-FD CLU
- 17 23108 SPRING-CLU
- 18 25597 SCREW-FD CLU
- 19 25602 BLOCK-INSULATOR
- 21 45690 WASHER-MANUAL TRIP MTG
- 22 56722 WASHER-FD CLU
- 23 105047 WASHER-CLU
- 24 109315 SCREW LATCH MTG

- 26 123206 CLIP-ARMATURE PIVOT
- 27 123434 ARMATURE ASM
- 28 123439 KNOCKOFF-ARMATURE
- 29 123441 SUPPORT-ARMATURE
- 31 123536 YOKE-CLU-FD
- 32 128172 SCREW-FD CLU
- 33 141162 SPRING
- 34 159960 PLATE-CLU ASM
- 36 159969 SPRING-CLU
- 37 173937 SET SCREW TRIP ASM
- 38 183864 SPRING-KEEPER
- 39 196299 SCREW-COIL MTG
- 41 203371 LATCH ASM-CLUTCH
- 42 203419 LEVER NON REVERSE CLUTCH
- 43 222190 SCREW-KNOCK OFF
- 44 236849 SCREW MANUAL TRIP MTG
- 46 328815 SCR NYLOK NON REV LEVER
- 47 607779 LATCH ASM CLU
- 48 609078 COIL CORF TFRMINAL ASM
- 49 609397 DIODE ASM
- 51 610023 SPACER NON REV LEVER
- 52 610042 LEVER ASM CLU NON REV
- 53 613819 ARM ASM CLU TRIP

- A1A 203370 MAGNET BRACKET ASM
 - 56 6318 LOCKWASHER
 - 57 22921 NUT
 - 58 104606 STUD FD CLU ARM KNOCKOFF
 - 59 128817 BEARING IDLER GEAR
 - 61 159953 BRACKET FEED CLUTCH
 - 62 159965 STUD FEED CLU SPR
 - A1B 607021 MANUAL TRIP ASM
 - 66 6364 LOCK WASHER
 - 67 289504 SCREW
 - 68 226265 PIN OFFSET
 - 69 607023 SHAFT
 - 71 607590 LEVER ASM
 - 72 610733 HANDLE
 - A1C 203371 LATCH ASM CLUTCH
 - 76 5771 TAPER PIN
 - * 77 159963 LATCH
 - * 78 159966 SHAFT
- *NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

GENEVA ASM.

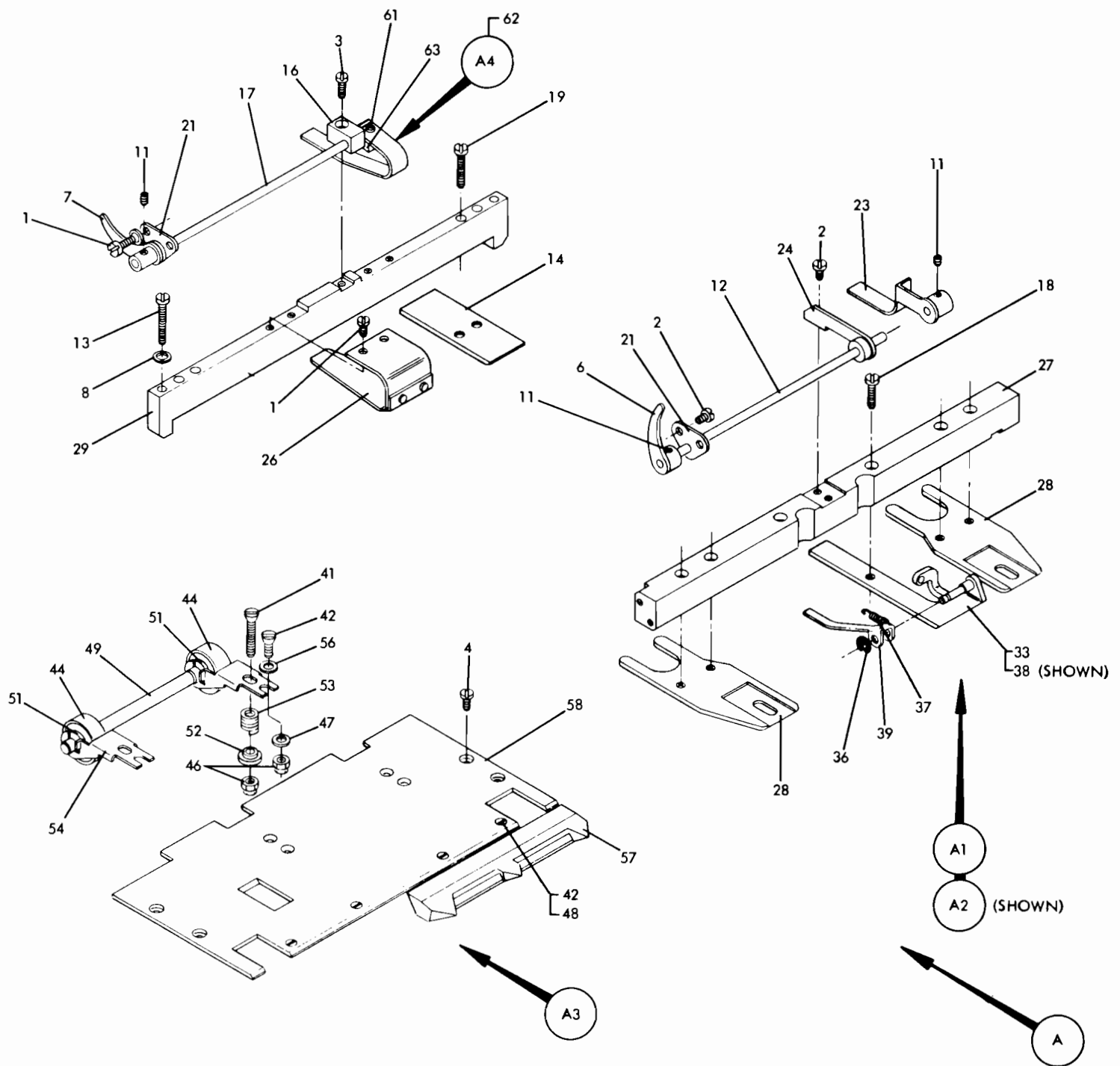


- A 607050 GENEVA ASM
- 1 10170 SCREW BRG RETAINING
- 2 38452 SCREW BRG RETAINING
- 4 256443 DECAL ROTATION
- * 6 607051 O RING GENEVA SFT
- * 7 607052 O RING GENEVA DR SFT
- * 8 607066 LENS OIL LEVEL
- 9 607901 STUD-CRANK SW BRKT MTG
- * 11 610172 GASKET
- 12 610447 VENT
- 13 610448 CAP VENT
- 14 610717 PLUG DRAIN
- A1 607053 HSG COV ASM GENEVA DR
- * 16 151405 SPRING TIMING PIN
- * 17 170241 SCREW COVER MTG
- * 18 257702 TAPER PIN COVER MTG
- * 19 257986 WSHR COVER MTG
- * 21 264641 CLIP SPRING
- * 22 607054 GASKET CVR REAM SPACER
- * 23 607055 COVER GENEVA
- * 24 607056 HOUSING GENEVA DRIVE
- * 26 607075 TIMING PIN GENEVA
- * 27 607174 OIL CUP GENEVA HOUSING

- * A2 607068 SFT ASM GENEVA WHEEL
- * 31 4327 TAPER PIN GEAR MTG
- * 32 607069 GEAR GENEVA SFT
- * 33 607070 BEARING
- * 34 607071 SHAFT GENEVA
- * 36 610028 SPACER GENEVA SFT
- * A3 610322 SHAFT ASM GENEVA DRIVE
- * 41 311161 RING BRG RETAINING
- * 42 607067 BRG GENEVA DR SFT
- * 43 610066 HOUSING ASM OIL SLINGER
- * 44 610075 SLINGER GEN DR SHFT OIL
- * 46 610076 SLINGER GEN SHFT FRONT
- * A3A 607057 SHAFT ASM GENEVA DR
- * 51 255597 TAPER PIN PULLEY MTG
- * 52 607062 PIN GENEVA DRIVE
- * 53 607809 PULLEY ASM GEN TIM INBD
- * A3A1 607059 DISC ASM GENEVA DRIVE
- * 56 257005 TAPER PIN WHEEL MTG
- * 57 607060 SHAFT GENEVA DRIVE
- * 58 607061 DISC INTERMITTENT DR

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 61 6364 LWASHER BRKT MTG
 - 62 38352 SCREW BRKT MTG
 - 63 62031 LWASHR
 - 64 121756 SWITCH CRANK INT
 - 65 129654 SCREW GENEVA PULLEY
 - 66 159373 LWASHER SWITCH MTG
 - 67 169733 SCREW GENEVA MTG
 - 68 251820 SCREW
 - 71 510809 WSHR
 - 72 607063 PULLEY ASM GENEVA
 - 73 607268 COVER DIAL SWITCH
 - 74 607656 BELT TIMING
 - 76 608203 BLOCK
 - 77 609426 STUD CRANK
 - 78 609427 BRACKET CRANK INT SW
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

CARD GUIDE ASM. (REDESIGNED)

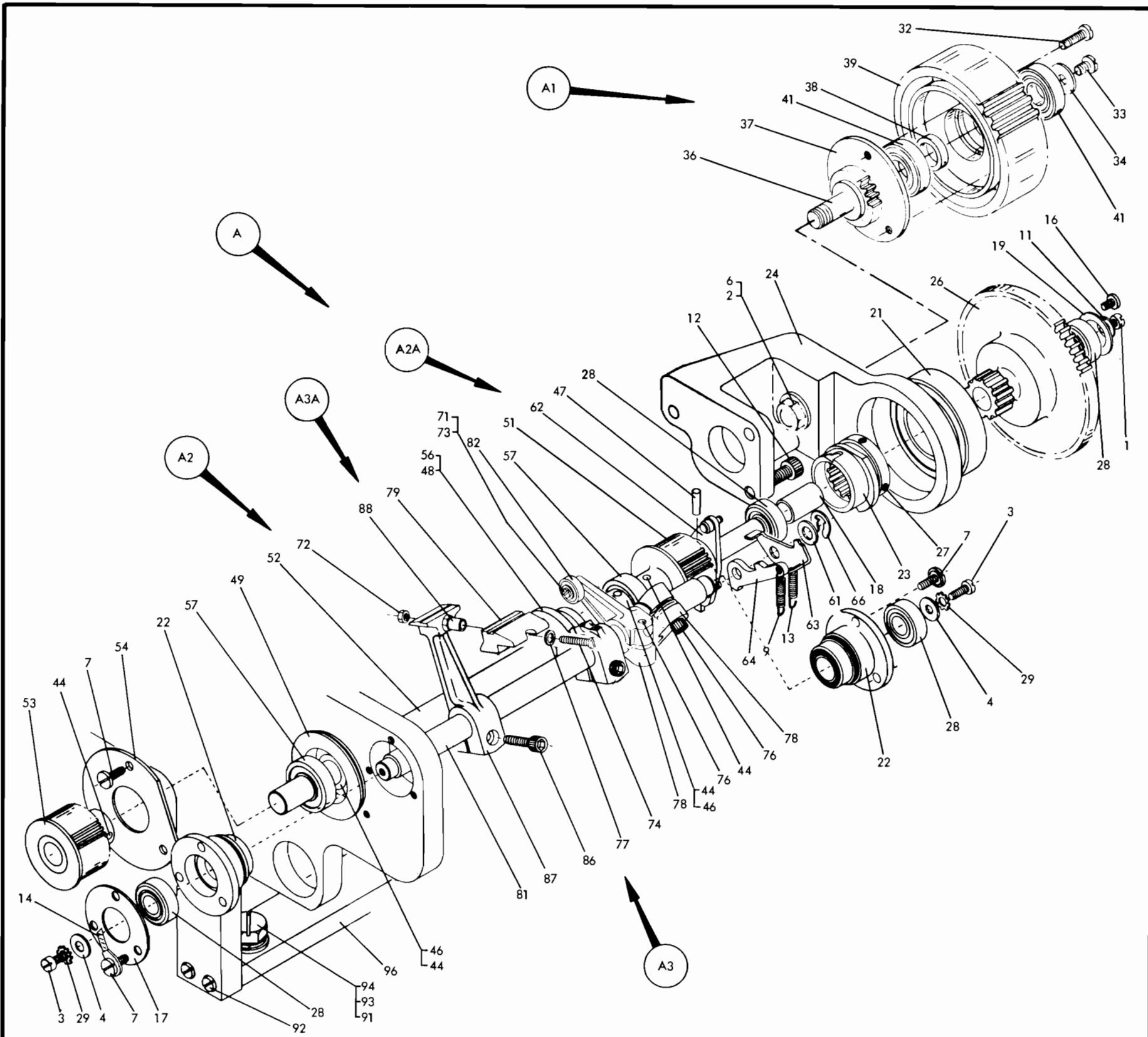


- * A 613800 PUNCH FEED ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 36 THRU 43
- 1 10170 SCREW
- 2 38350 SCREW CARD LEVER MTG
- 3 38352 SCREW CD LVR MTG
- 4 38443 SCREW 3RD LWR CD GD
- 6 238359 ARM ASM CARD LEVER
- 7 238360 ARM CARD LEVER
- 8 257984 LWASHER UPPER TIE BAR
- 11 344210 SET SCREW ARM ASM
- 12 470102 SHAFT CARD LEVER
- 13 438547 SCREW UPPER TIE BAR
- 14 607430 GUIDE CARD
- 16 607469 BLOCK BEARING
- 17 607551 SHAFT CARD LEVER
- 18 607694 SCREW CARD GUIDE MTG
- 19 607695 SCREW CD GDE
- 21 607953 CD LVR BRACKET ASM
- 23 610282 CARD LEVER ALIGNER
- 24 613822 PIVOT 2ND CARD LEVER
- 26 613842 PRESSURE SHOE 3RD UPR GD
- 27 613861 TIE BAR 1ST UPPER
- 28 613864 CARD GUIDE 2ND UPPER
- 29 613868 TIE BAR 2ND UPPER

- A1 610142 SHOE + GUIDE ASM PRESS L
- 33 607423 BRKT ASM FRIC SH PIV LT
FOR REMAINDER OF PARTS SEE ASM A2
- A2 610173 SHOE + GUIDE ASM PRESS R
- 36 147297 CLIP PRESS SHOE MTG
- 37 167790 SPR =2 + 3 STA FRIC FGR
- 38 607426 BRKT ASM FRIC SH PIV RT
USED ON 610173 ONLY
- 39 607428 FRK SHOE ALGMR STA

- A3 613856 CARD GUIDE 4TH LOWER
 - 41 38435 SCREW
 - 42 52522 SCREW
 - 43 52522 SCREW
 - 44 155749 BEARING
 - 46 216128 NUT
 - 47 257985 WASHER
 - 48 602229 NUT
 - 49 602469 SHAFT
 - 51 602490 SPACER
 - 52 603862 RETAINER
 - 53 603863 SPRING
 - 54 603864 BRKT
 - 56 603914 SPACER
 - 57 609057 CARD GUIDE
 - 58 613857 CARD GUIDE PCH TRANS
 - A4 608243 LEVER ASM CARD
 - 61 38433 SCREW
 - 62 608249 CARD LEVER
 - 63 610248 PIVOT BLOCK
- * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

PICKER KNIFE SHAFT & CLUTCH SHAFT ASMS. (REDESIGNED)

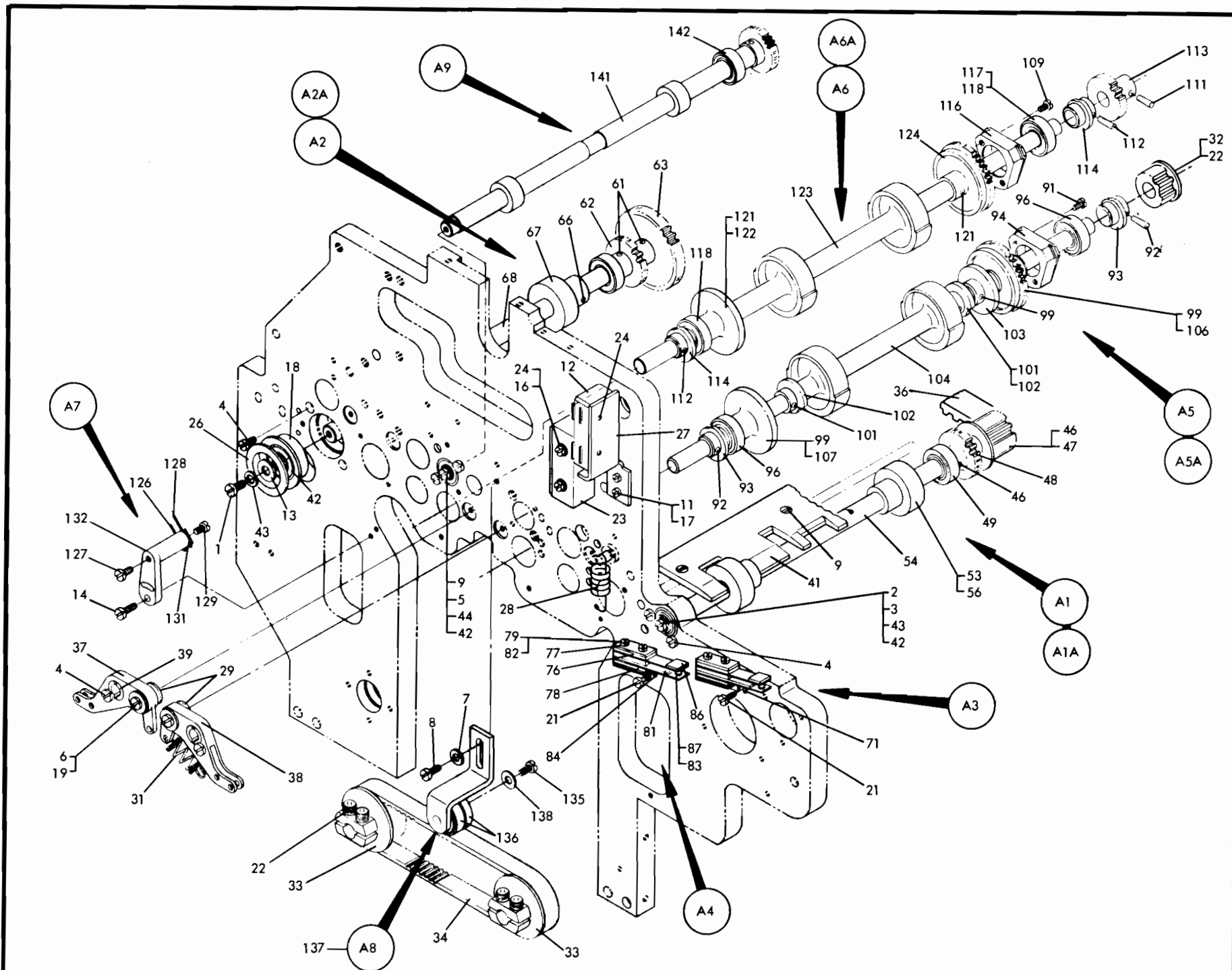


- * A 613800 PUNCH FEED ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 36 THRU 43
- 1 337 SCREW BRG RET
- 2 453 WASHER PULLEY MTG
- 3 845 SCREW PKR KNIFE SHAFT
- 4 2903 WASHER PKR KNIFE SHAFT
- 6 24107 NUT PULLEY MTG
- 7 25627 SCREW RETAINER
- 8 34512 SCREW BEARING RETAINER
- 9 58853 SPRING CLU DETENI
- 11 150566 WASHER BRG RET
- 12 186935 SCREW CASTING MTG
- 13 234966 SPRING CLUTCH DOG
- 14 319886 JUMPER ASM HOPPER GRD
- 16 438566 SCREW BRG RET
- 17 607352 RETAINER CAP PKR SHAFT
- 18 607528 SPACER CLU SHAFT
- 19 607529 RETAINER BEARING
- 21 607846 BEARING CLU CAM
- 22 607870 RETAINER BEARING
- 23 608172 CAM CLUTCH
- 24 608174 BRACKET PULLEY SUP
- 26 608175 GEAR CLU INPUT
- 27 608214 SET SCREW CAM MTG
- 28 613875 BEARING CLUTCH
- 29 1090873 LWASHER BEARING RET

- A1 607508 PULLEY ASM CLUTCH
- 32 358 SCREW GEAR MTG
- 33 32042 SCREW PULLEY MTG
- 34 237032 WASHER BRG RETAINER
- 36 607374 STUD INPUT PULLEY MTG
- 37 607375 PINION CLUTCH INPUT
- 38 607376 SPACER INPUT PULLEY BRG
- 39 607628 PLY CLUTCH DRIVE INPUT
- 41 613874 BEARING
- A2 607677 SHAFT ASM CLUTCH
- 44 34 TAPER PIN-COLLAR MTG
- 46 22433 COLLAR
- 47 28441 TAPER PIN-ARM ASM MTG
- 48 104763 SCREW CAM HUB CLAMP
- 49 336276 HOUSING-BEARING
- * 51 607505 PLY ASM-CLUTCH CAM SHFT
- * 52 607511 SHAFT-CLUTCH CAM
- 53 607515 PULLEY ASM-CB DRIVE
- 54 607519 RETAINER BEARING
- 56 607532 CAM CLUTCH PICKER
- 57 613874 BEARING

- *A2A 257637 ARM ASM-CLUTCH
 - 61 24090 WASHER
 - * 62 234829 LEVER ASM CLUTCH
 - 63 257634 DETENT CLUTCH BACKLASH
 - 64 257635 DOG CLUTCH
 - 66 257701 CLIP
 - A3 610143 KNIFE + SHAFT ASM FD PKR
 - 71 81693 SCREW BEARING RETAINER
 - 72 216128 NUT BLOCK MTG
 - 73 257986 WASHER
 - 74 333182 SCREW BLOCK MTG
 - 76 437763 SCREW CAM FLWR ARM
 - 77 603703 WASHER BLOCK MTG
 - 78 603778 ARM CAM FOLLOWER
 - 79 603850 BLOCK ASM PKR KNIFE
 - 81 607353 SHAFT PICKER KNIFE
 - 82 613725 BEARING CAM FOLLOWER
 - A3A 603857 ARM ASM PICKER KNIFE
 - 86 129654 SCREW
 - * 87 602249 ARM
 - 88 603846 STUD
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 91 453 WASHER FEED ASM MTG
 - 92 2994 SCREW
 - 93 10309 LWASHR FEED ASM MTG
 - 94 38693 SCREW FEED ASM MTG
 - 96 133273 TIE BAR
- * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

LOWER FEED ROLL ASMS. (REDESIGNED)

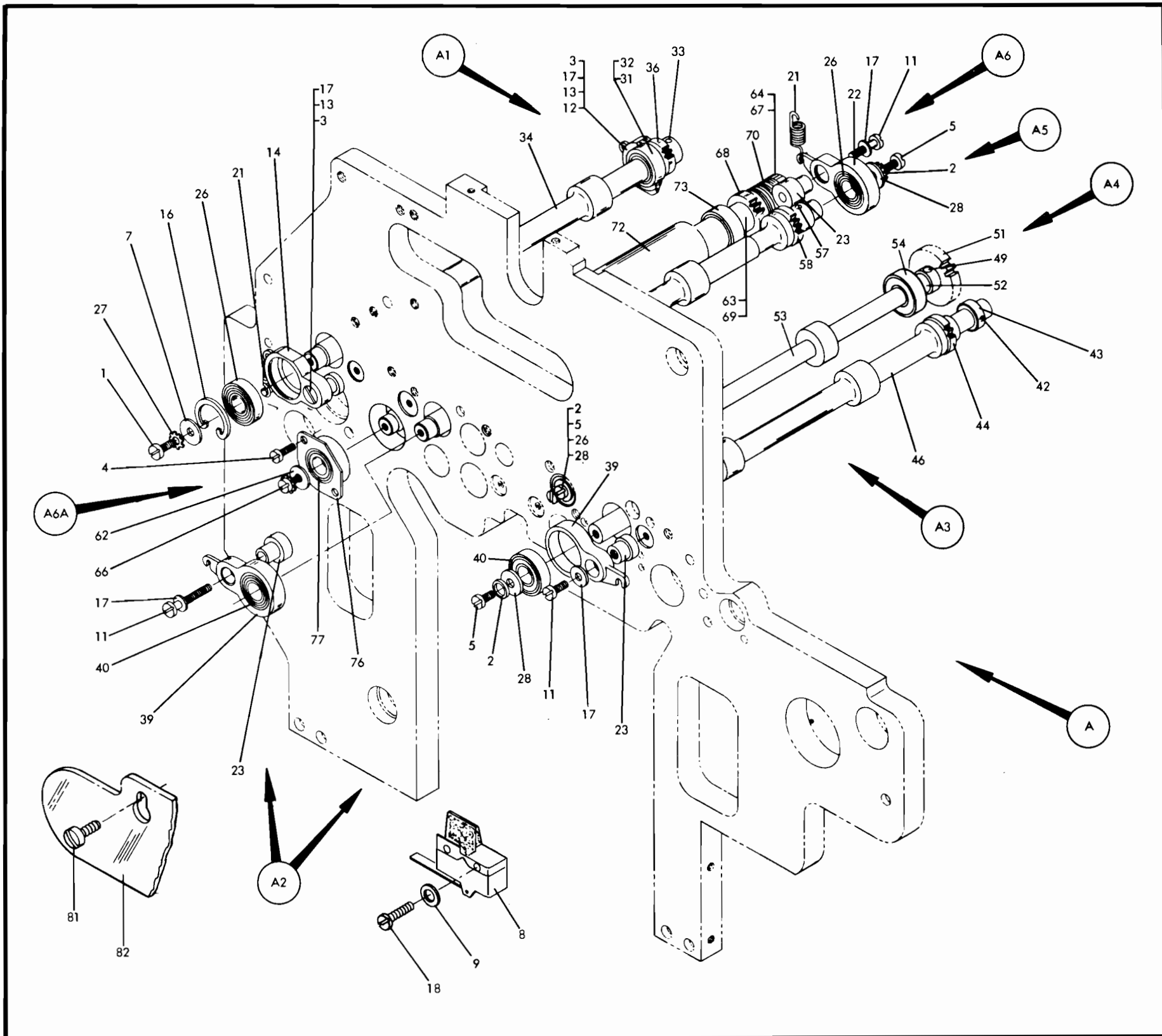


- * A 613800 PUNCH FEED ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 36 THRU 43
- 1 337 SCREW BRG RET
- 2 845 SCREW BEARING RET
- 3 2903 WASHER BEARING RET
- 4 10170 SCREW BEARING RETAINER
- 5 6364 LWASHER
- 6 19944 SCREW HANGER MTG
- 7 22478 WASHER TIGHTNER MTG
- 8 24752 SCREW TIGHTNER MTG
- 9 38352 SCREW CARD GUIDE
- 11 38353 SCREW BRKT MTG
- 12 105197 SWITCH HOPPER INTERLOCK
- 13 150566 WASHER BRG RET
- 14 236550 SCREW COMMON BRUSH
- 16 257985 WASHER SW MTG
- 17 257986 WASHER BRKT MTG
- 18 336270 RETAINER BEARING
- 19 336323 WASHER HANGER MTG
- 21 338238 SCREW CONTACT MTG
- 22 437763 SCREW PULLEY CLAMP
- 23 438014 SWITCH MICRO
- 24 438553 SCREW SWITCH MTG
- 26 603116 RETAINER BEARING
- 27 607083 BRACKET HOPPER INTERLOCK
- 28 607188 SPRING HANGER
- 29 607189 HANGER SLEEVE FD RLS
- 31 607209 SPRING ROLL HANGER
- 32 607316 PULLEY ASM 2ND LWR FD RL
- 33 607370 PULLEY ASM STOPPED RL DR
- 34 607520 BELT TIMING
- 36 607522 BELT DRIVE
- 37 607622 HANGER ASM 4TH LWR FD RL
- 38 607633 HANGER ASM 3RD LWR FD RL
- 39 607878 BUSHING ECCENTRIC
- 41 613865 CARD GUIDE 1ST LOWER
- 42 613875 BEARING 1ST LWR ROLL
- 43 1090873 LWASHER BEARING RET
- 44 1091508 WASHER

- A1 607106 FEED ROLL ASM 1ST LWR
- 46 19167 TAPER PIN LWR FD RL GR
- * 47 607110 PULLEY 1ST LWR FD ROLL
- * 48 607115 GEAR LOWER FEED ROLL
- 49 613875 BEARING LOWER FEED ROLL
- * A1A 607107 FEED ROLL ASM 1ST LOWER
- 53 10307 TAPER PIN FEED ROLL
- 54 607108 SHAFT FEED ROLL, FIRST LW
- * 56 607109 FEED ROLL 1ST LOWER
- A2 609087 SHAFT + GEAR ASM 6TH LWR
- 61 19167 PIN 6TH LWR ROLL DRIVE
- * 62 607115 GEAR-6TH LWR ROLL DRIVE
- * 63 609086 GEAR-6TH LWR ROLL DRIVE
- A2A 609088 SHAFT ASM-6TH LWR DRIVE
- 66 3904 TAPER PIN
- * 67 607109 FEED ROLL-6TH LWR
- * 68 607165 SHAFT-6TH LWR FD RL
- A3 610310 CONT ASM HPR CARD LEVER
- 71 610034 BRACKET CONTACT ASM MTG
FOR REMAINDER OF PARTS SEE ASM A4
- A4 610311 CONT ASM CARD LEVER
- 76 1882 CONTACT TERM ASM
- 77 11899 INSULATION CONT SPRING
- 78 11900 INSULATION CONT SPRING
- 79 100359 INSULATOR'S SCREW
- 81 152711 CONTACT TERM ASM
- 82 173204 SCREW CONTACT ASM
- 83 239236 SPRING STIFFENER
USED ON 610311 ONLY
- 84 607568 BRACKET CONTACT ASM MTG
USED ON 610311 ONLY
- 86 610315 SPRING ASM MOVABLE CONT
- 87 610316 SPRING ASM FIXED CONT
- A5 613825 FEED ROLL 2ND LOWER
- 91 10170 SCREW
- 92 29949 PIN TAPER
- * 93 607248 CAM
- 94 613827 HSG BRG 2ND + 5TH LWR RL
- 96 613875 BRG

- A5A 613826 STEPPED RL + CAM ASM 2ND
 - 99 8427 PIN TAPER
 - 101 29949 PIN TAPER
 - * 102 607286 CAM SIDE ALIGNER
 - * 103 607310 CAM SIDE ALIGNER
 - * 104 613828 SHAFT ASM 2ND LWR FD RL
 - * 106 613829 GEAR + DISC 2ND LWR RL
 - * 107 613830 DISC LWR SEPARATING L
 - A6 613835 FEED ROLL 5TH LOWER
 - 109 10170 SCREW
 - 111 19167 TAPER PIN GEAR
 - 112 29949 PIN TAPER
 - * 113 607115 GEAR CONT ROLL DRIV
 - * 114 607406 CAM
 - 116 613827 HOUSING BRG
 - 117 613836 SPACER BRG RET
 - 118 613875 BRG
 - A6A 613837 FEED ROLL + DISC ASM
 - 121 19167 PIN TAPER
 - * 122 613830 DISC LWR SEPARATING L
 - * 123 613838 SHAFT ASM 5TH LWR FD RL
 - * 124 613901 DISC + GR 5TH LWR ROLL
 - A7 602227 COMMON BRUSH ASM
 - 126 1769 BRUSH-COMMON ASM
 - 127 81693 SCREW BRUSH LEAD
 - 128 109339 BRUSH-COMMON ASM
 - 129 438549 SCR BRUSH MTG
 - 131 602381 WSHR BRUSH HOLDER
 - 132 610290 HOLDER ASM BRUSH
 - A8 607360 TIGHTENER BELT
 - 135 38235 SCREW BRG RETAINER
 - 136 156364 BRG BELT TIGHTENER
 - 137 607361 BRKT ASM 5TH LWR RL, BLT
 - 138 1091508 WASHER BRG RETAINER
 - A9 613832 FEED ROLL 3RD + 4TH LWR
 - 141 613833 SHAFT INT LOWER
 - 142 613875 BRG
- * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

UPPER FEED ROLL ASMS. (REDESIGNED)

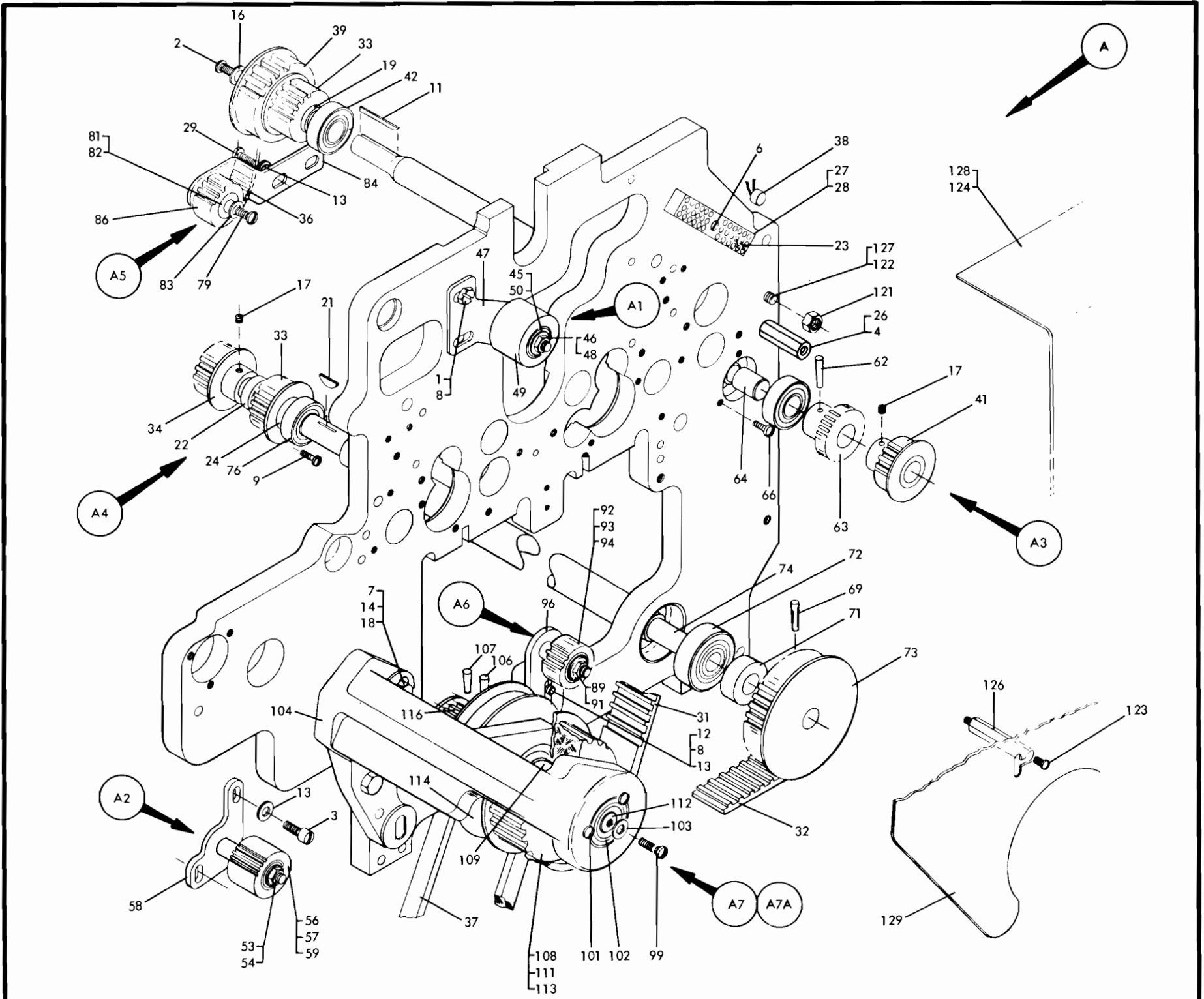


- * A 613800 PUNCH FEED ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 36 THRU 43
- 1 845 SCREW BEARING RET
- 2 6364 LWASHER BEARING RET
- 3 19944 SCREW HANGER MTG
- 4 38351 SCREW CONTACT ROLL RET
- 5 38352 SCREW BEARING RET
- 7 150566 WASHER BRG RET
- 8 238364 SWITCH
- 9 257985 WASHER SW MTG
- 11 321483 SCREW HANGER MTG
- 12 336146 HANGER FD RL
- 13 336152 SLEEVE HANGER MTG
- 14 336153 HANGER FD RL
- 16 336320 CLIP FD RL HANGER
- 17 336323 WASHER HANGER MTG
- 18 438553 SCREW HOPPER CONT MTG
- 19 607121 COLLAR
- 21 607188 SPRING HANGER
- 22 607358 HANGER FD RL
- 23 607475 SLEEVE HANGER
- 24 613870 STUD SHIELD MTG
- 26 613875 BEARING UPPER FEED ROLL
- 27 1090873 LWASHER BRG RET
- 28 1091508 WASHER BEARING RET

- A1 607148 FEED ROLL ASM 6TH UPR
- 31 58114 SPACER 6TH UPPER FD RL
- 32 156364 BEARING
- 33 435943 TAPER PIN GEAR MTG
- 34 607150 FEED ROLL 6TH UPPER
- 36 607212 GEAR UPPER FD RL
- A2 607357 HANGER ASM FD RL
- 39 607358 HANGER UPPER FEED ROLL
- 40 613875 BEARING FEED RL SHAFT
- A3 607691 FEED ROLL ASM 2ND UPR
- 42 4327 TAPER PIN
- * 43 607121 COLLAR 2ND + 5TH UPR ROL
- * 44 607686 GEAR SECOND UPPER ROLL
- * 46 607690 ROLL SECOND UPPER FEED
- A4 613840 FEED ROLL 3RD + 4TH UPR
- 49 8427 PIN TAPER
- * 51 607140 GEAR SPUR INT SHAFT DR
- 52 607141 SPACER UPR INT RL
- * 53 613841 FEED ROLL INT UPR
- 54 613875 BRG
- A5 613850 FEED ROLL 5TH UPPER
- 57 435943 PIN TAPER
- * 58 607687 GEAR 5TH UPR FD RL
- * 59 613849 ROLL 5TH UPPER FD

- A6 613847 CONTACT ROLL ASM
 - 62 2903 WASHER
 - 63 19167 PIN TAPER
 - 64 151720 SET SCREW
 - 66 234320 SCREW
 - 67 442823 COLLAR SPRING RETAINING
 - * 68 607170 GEAR
 - * 69 607171 SPACER
 - 70 607172 SPRING CLUTCH
 - 72 613846 ROLL ASM CONTACT
 - 73 613875 BEARING
 - A6A 607355 HOUSING ASM BEARING
 - * 76 607356 BEARING HOUSING CONT RL
 - * 77 613875 BEARING
 - 81 10170 SCREW LWG FRAME SHIELD
 - 82 613871 SHIELD LWGFRAME
- * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

SIDE FRAME ASM. (REDESIGNED)



* A 613800 PUNCH FEED ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 36 THIS 43

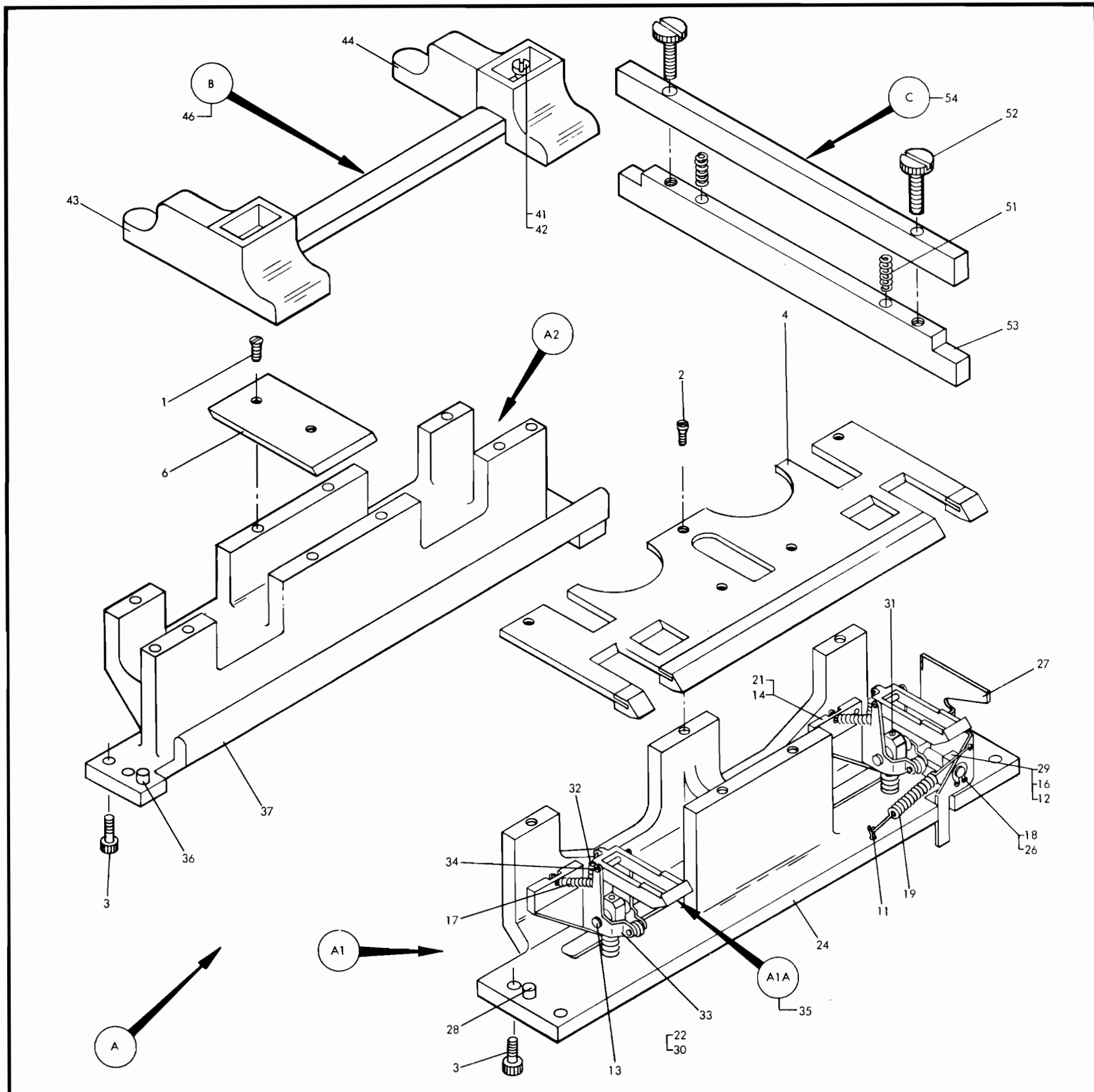
- 1 232 SCREW IDLER MTG
- 2 337 SCREW PULLEY MTG
- 3 443 SCREW BELT TIGHTENER
- 4 4569 WSHR PCH TIM BELT SHLD
- 6 5644 SCREW TERM BLK MTG
- 7 6935 LWASHER DRIVE HOUSING
- 8 9092 LWASHER IDLER MTG
- 9 10170 SCREW BEARING RET
- 11 14102 KEY PULLEY MTG
- 12 38389 SCREW BELT TIGHTENER
- 13 45690 WASHER BELT TIGHTENER
- 14 59647 SCREW DRIVE HOUSING MTG
- 16 110029 WASHER PULLEY MTG
- 17 123639 SET SCREW PULLEY
- 18 140777 WASHER DRIVE HOUSING
- 19 144040 SPACER PULLEY MTG
- 21 160989 KEY STKR DRIVE SHAFT
- 22 167216 SPACER STKR DRIVE SHAFT
- 23 205329 JUMPER
- 24 226110 SPACER STKR DRIVE SHAFT
- 26 250714 STUD PUN TIM BLT SH
- 27 302090 TERMINAL BLK ASM
- 28 302131 INSULATION TERM BLK
- 29 437763 SCREW PULLEY CLAMP
- 31 607656 BELT TIMING
- 32 609083 TIMING BELT CR IDLER
- 33 609091 PULLEY IDLER DRIVE
- 34 609094 PULLEY CR CB DRIVE
- 36 609099 BELT TIMING PUN ID SH DR
- 37 609144 BELT PUN DRIVE
- 38 609414 DIODE ASM
- 39 609432 PULLEY TRANS DRIVE
- 41 610277 PULLEY TRANSPORT DRIVE
- 42 613874 BEARING IDLER SHAFT

- A1 607478 IDLER ASM PUNCH DRIVE
- * 45 156364 BEARING
- 46 250785 WASHER PULLEY MTG
- * 47 607479 STUD ASM PUNCH IDLER PUL
- 48 610033 NUT STOP
- * 49 610183 ROLLER
- * 50 610184 SPACER
- A2 607645 TIGHTENER ASM BELT
- 53 22478 WASHER
- 54 72828 NUT
- * 56 110129 BEARING
- * 57 607496 PULLEY FEED ROLL
- * 58 607646 STD ASM FD RL TIGHTENER
- * 59 608492 SPACER
- A3 609089 IDLER SHAFT ASM PUNCH
- 62 310113 PIN GEAR
- * 63 609085 GEAR-IDLER
- * 64 609090 SHAFT-IDLER
- 66 613874 BEARING IDLER SHAFT
- A4 609097 SHAFT ASM STKR DRIVE
- 69 34 TAPER PIN-CR SHAFT
- 71 131562 COLLAR-CR SHAFT
- 72 204623 BEARING-CR SHAFT
- * 73 609084 PULLEY ASM-CR SHAFT
- * 74 609096 SHAFT-CR PUNCH
- 76 613874 BEARING CR SHAFT
- A5 609106 BELT TIGHTENER ASM
- 79 10170 SCREW-BELT TIGHTNER
- 81 58732 SPACER-BELT TIGHTNER
- 82 110129 ROLLER-BELT TIGHTNER
- 83 257986 WASHER-BELT TIGHTENER
- 84 609103 BRACKET ASM-BELT TIGHT
- 86 609105 PULLEY-BELT TIGHTENER
- A6 613853 TIGHTENER C R BELT

- 89 22478 WSHR
- 91 72828 NUT
- * 92 110129 BRG
- * 93 607644 PULLEY CR TIGHTENER
- * 94 608492 SPACER IDLER PULLEY
- * 96 613852 STUD ASM CR BELT TIGHT
- A7 613873 DRIVE HOUSING ASM
- 99 32042 SCREW
- 101 38235 SCREW
- 102 204623 BEARING
- 103 237032 WASHER
- 104 613858 BRACKET DRIVE PULLEY MTG
- A7A 607408 SHAFT ASM DRIVE PULLEY
- 106 31 TAPER PIN PULLEY MTG
- 107 22867 TAPER PIN PULLEY MTG
- 108 38352 SCREW FLANGE MTG
- 109 203788 BEARING
- 111 607223 FLANGE TIMING BELT PULLY
- * 112 607224 SHAFT DRIVE PULLEY
- 113 607225 PULLEY TIMING BELT
- * 114 607226 PULLEY V-BELT
- * 116 607416 PULLEY ASM-CB DRIVE
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 121 11598 NUT TRANS TO PUNCH MTG
- 122 13086 SCREW-TRANS TO PUNCH
- 123 32042 SCREW SHIELD GENEVA DR
- 124 34512 SCREW PUN TIM BELT SH
- 126 607672 STUD GENEVA DR BELT SH
- 127 609162 SPACER-TRANS TO PUNCH
- 128 609480 SHIELD PUN TIM BELT
- 129 615380 SHIELD GENEVA DR BELT

* NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

ALIGNER & CARD GUIDE SUPPORT ASMS. (REDESIGNED)

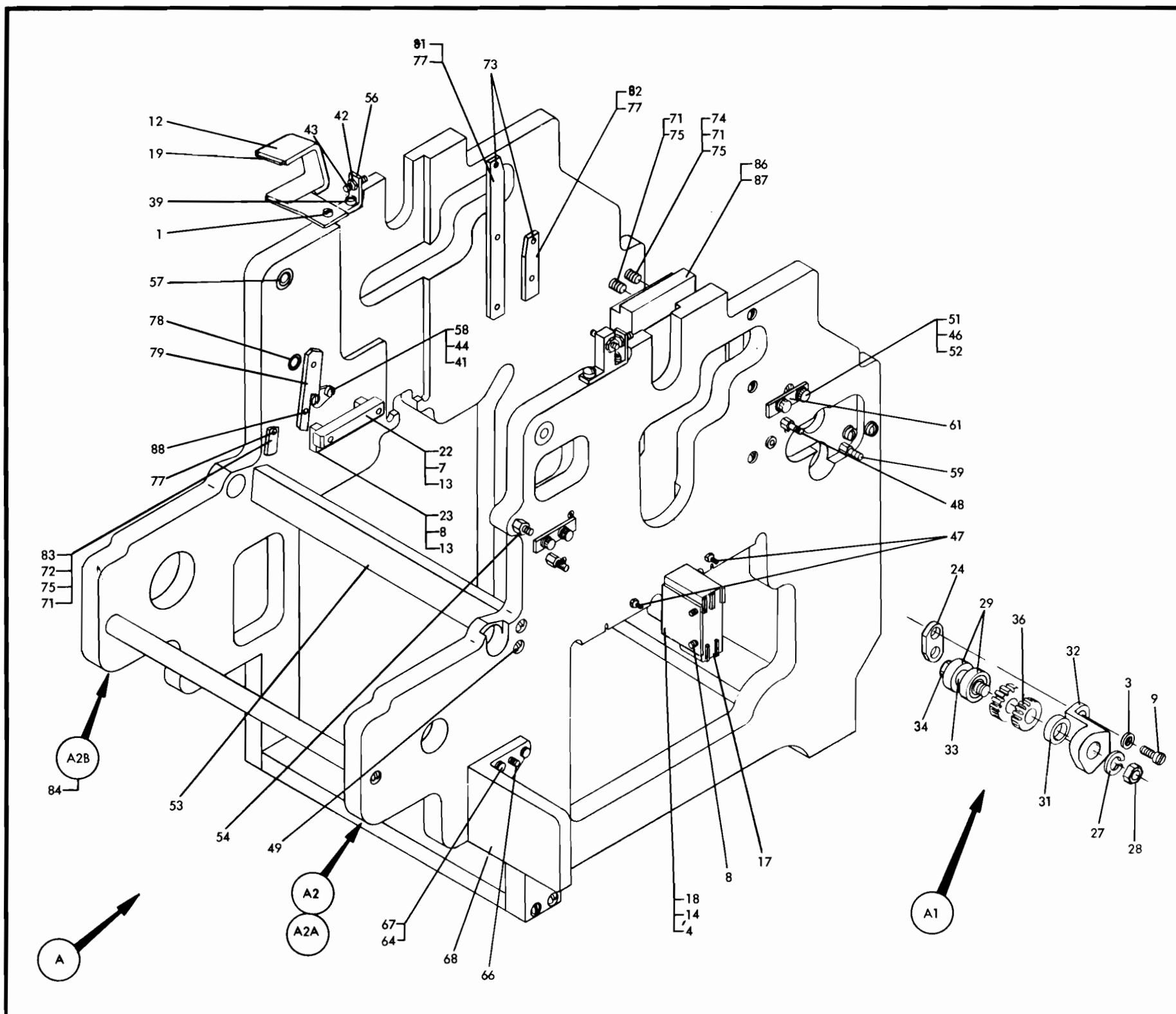


- * A 613800 PUNCH FEED ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 36 THRU 43
- 1 38442 SCREW 3RD LWR GUIDE
- 2 251970 SCREW 2ND LWR GUIDE
- 3 437763 SCREW SUPPORT MTG
- 4 613854 CARD GUIDE 2ND LOWER
- 6 613867 CARD GUIDE 3RD LOWER
- A1 613810 SUPPORT ASM ALIGNER GD
- 11 71 PIN COTTER
- 12 6364 LWSHR
- 13 22232 PIN
- 14 38351 SCREW
- 16 38353 SCREW
- 17 151062 SPRING
- 18 147297 CLIP
- 19 607364 SPRING
- 21 607392 BRKT

- 22 607685 SPRING
- 23 613764 FNGR ARM AFWD ALIGNER
- 24 613812 CD GD SUPPORT 1ST ST RL
- 26 613813 PIVOT SIDE ALIGNER
- 27 613814 ALIGNER ASM RIGHT SIDE
- 28 613815 PIN ALIGNER SUPPORT LOC
- 29 613816 PIVOT BLOCK SIDE ALIGNER
- 30 613817 SCREW ADJ SIDE ALIGNER
- 31 1100523 SCREW SET
- 32 1100523 SCREW
- A1A 613764 ALIGNER ASM FORWARD
- 32 167790 SPRING
- 33 607560 FOLLOWER
- 34 613763 PIVOT ALIGNER
- 35 613811 FINGER ALIGNER
- A2 613860 SUPPORT ASM CARD GUIDE
- 36 613815 PIN
- 37 613859 CARD GUIDE SUPPORT

- B 613877 GAGE ASM INTMT ROLL
- 41 38354 SCREW
- 42 56722 LOCKWASHER
- 43 608181 GAGE LEFT
- 44 608182 GAGE RIGHT
- 46 613876 TIE BAR
- C 613898 GAGE ASM STEPPED ROLL
- 51 160062 SPRING
- 52 598534 SCREW
- 53 613896 BAR FEED ROLL GAGE
- 54 613897 BAR FEED ROLL GAGE

SIDE FRAME ASM. I (REDESIGNED)

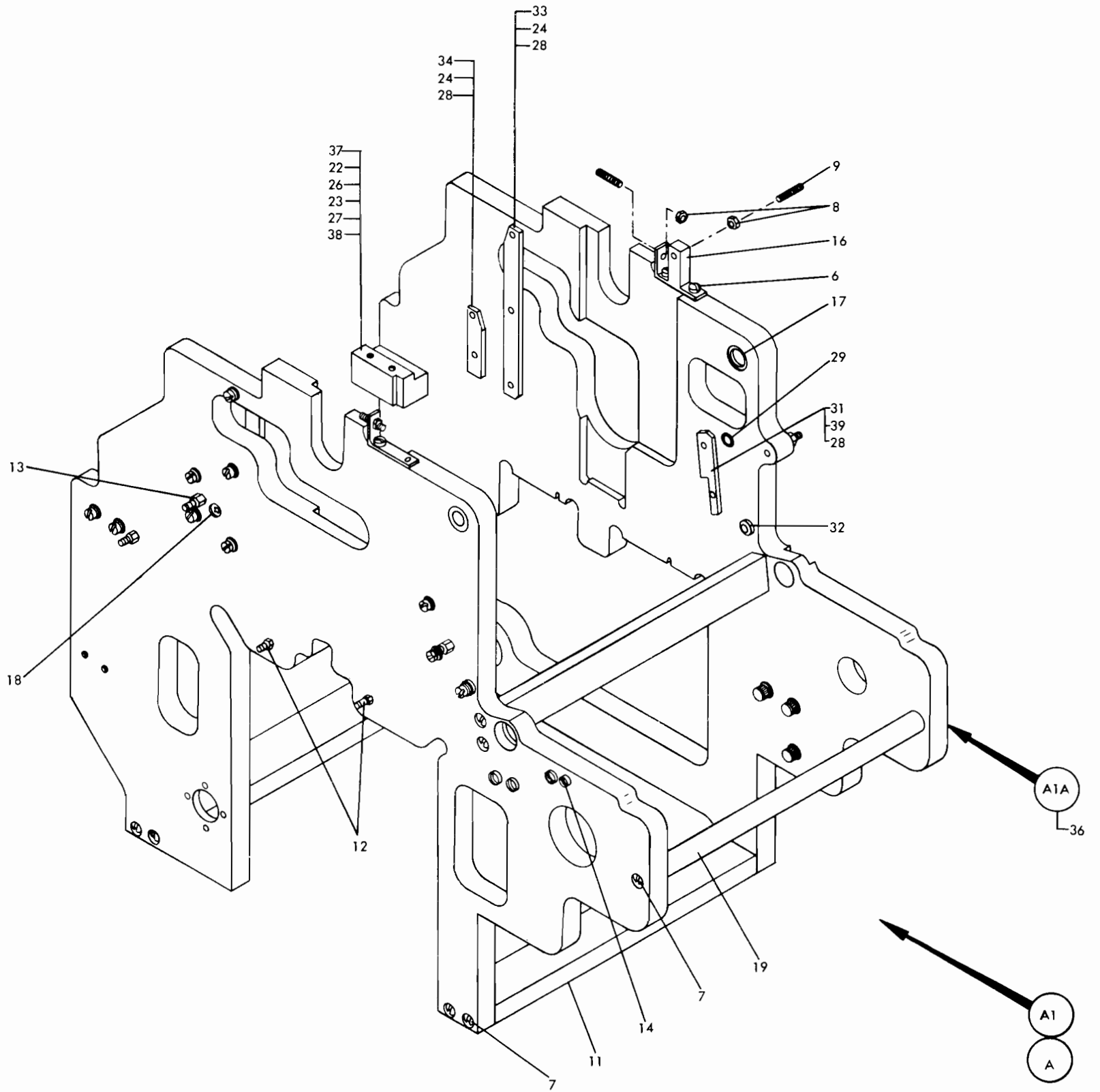


- * A 613800 PUNCH FEED ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 36 THRU 43
- 1 337 SCREW BRACKET MTG
- 2 6364 LWSHR UPR TIE BAR
- 3 9092 LWSHR
- 4 38263 SCREW BRKT MTG
- 6 38269 SCREW SIDE ALIGNLR MTG
- 7 38359 SCREW UPR TIE BAR
- 8 52359 SCREW DIE CONTACT
- 9 129654 SCREW IDLER MTG
- 11 196818 TAPER PIN UPR TIE BAR
- 12 253570 INSULATION
- 13 257984 LWASHER SIDE ALIGNER MTG
- 14 257985 WASHER BRKT MTG
- 15 257986 WSHR UPR TIE BAR
- 17 438014 SWITCH DIE CONTACT
- 18 608284 BRACKET SWITCH
- 19 609104 BRACKET
- 21 613806 PIN DIE INTERLOCK
- 22 613862 SIDE ALIGNER STATIONARY
- 23 613863 SPACER SIDE ALIGNER
- 24 613872 SPACER IDLER MTG

- A1 609059 IDLER GEAR ASM
- 27 9092 LWASHER IDLER
- 28 11598 NUT IDLER
- * 29 110129 BEARING-IDLER GEAR
- 31 310781 SPACER
- 32 609060 SUPPORT CASTING IDLER
- * 33 609061 CLAMPING SPACER IDLER
- 34 609063 STUD-IDLER
- * 36 609064 GEAR-IDLER
- A2 613801 SIDE FRAME ASM
- 39 337 SCREW
- 41 6364 LWSHR
- 42 11598 NUT
- 43 25967 SCREW
- 44 38350 SCREW
- 46 62031 LWSHR
- 47 160817 STUD
- 48 160827 STUD
- 49 234322 SCREW
- 51 251820 SCREW
- 52 510809 WSHR
- 53 607397 TIE BAR
- 54 607464 STUD
- 56 607582 SUPPORT R H
- 57 607867 BUSHING
- 58 607953 BRKT ASM
- 59 608074 STUD
- 61 608203 BLOCK

- A2A 613802 FRAME ASM RIGHT SIDE
- 64 6935 LWSHR
- 66 10311 PIN TAPER
- 67 149908 SCREW
- 68 613809 BRKT CLU MTG
- A2B 613804 FRAME ASM LEFT SIDE
- 71 6364 LWSHR
- 72 38350 SCREW
- 73 38354 SCREW
- 74 38359 SCREW
- 75 257986 WSHR
- 77 326264 ROLL PIN
- 78 602210 INSERT
- 79 607443 GUIDE
- 81 607446 GUIDE BRUSH HOLDER
- 82 607448 GUIDE
- 83 610016 BUTTON
- 84 613805 LEFT SIDE FRAME
- 86 613808 BLOCK CD GD MTG LEFT
- 87 1077815 ROLL PIN
- 88 2103526 SCREW

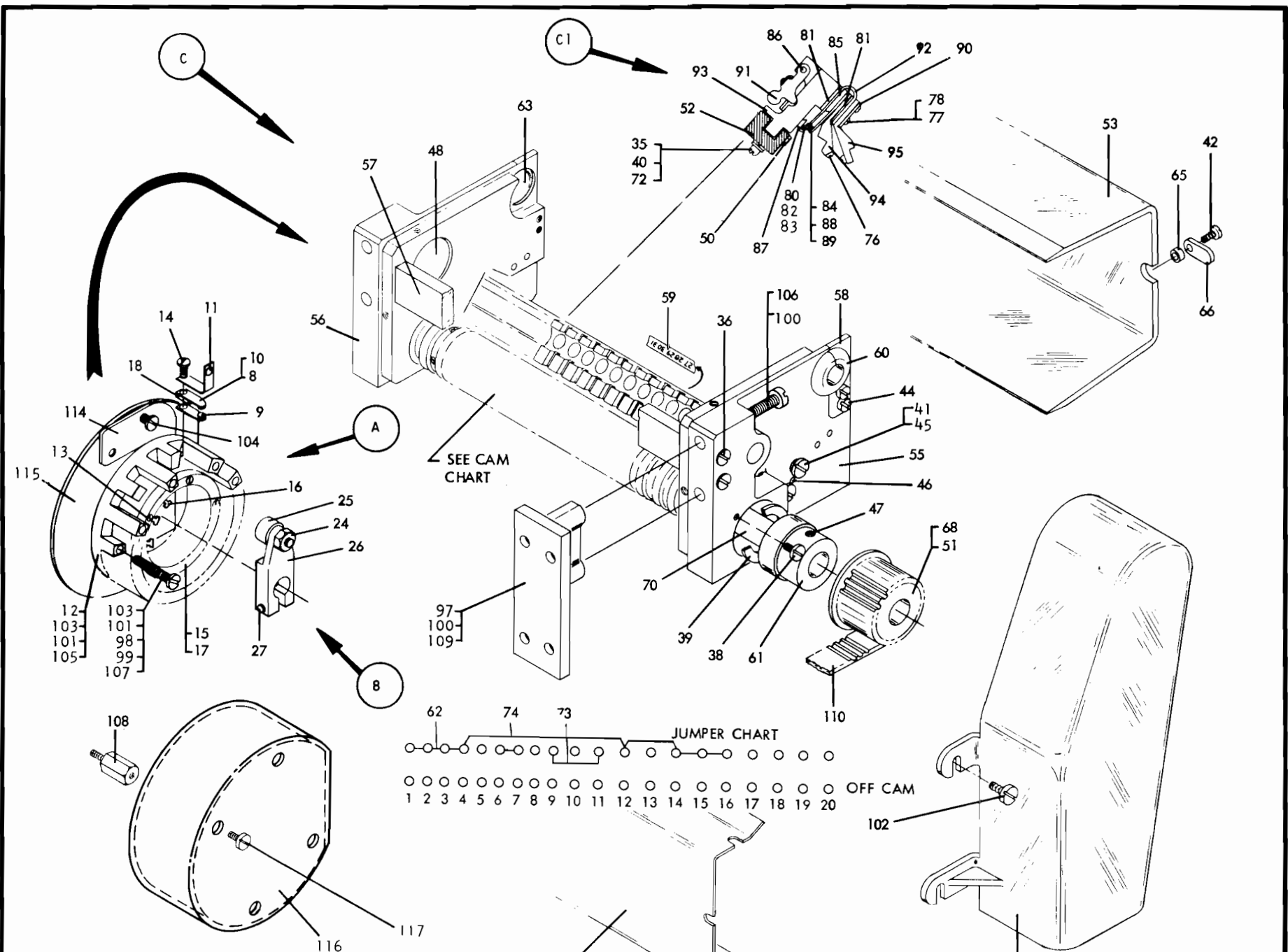
SIDE FRAME ASM. II (REDESIGNED)



- * A 613800 PUNCH FEED ASM
FOR REMAINDER OF THIS ASM
SEE FIGS 36 THRU 43
- A1 613801 SIDE FRAME ASM
- 6 337 SCREW
- 7 2994 SCREW
- 8 11598 NUT
- 9 25967 SCREW
- 11 133273 TIE BAR
- 12 160817 STUD
- 13 160827 STUD
- 14 338238 SCREW
- 16 607581 SUPPORT L H
- 17 607867 BUSHING
- 18 610148 SCREW
- 19 613869 TIE BAR FRONT

- A1A 613802 FRAME ASM RIGHT SIDE
- 22 5644 SCREW
- 23 6364 LWSHR
- 24 38354 SCREW
- 26 38359 SCREW
- 27 257986 WASHER
- 28 326264 ROLL PIN
- 29 602210 INSERT
- 31 607443 GUIDE
- 32 607444 BUSHING
- 33 607446 GUIDE
- 34 607448 GUIDE
- 36 613803 RIGHT SIDE FRAME
- 37 613807 BLOCK CD GD MTG RIGHT
- 38 1077815 ROLL PIN
- 39 2103526 SCREW

INBOARD C. B. ASM.



- A 104469 EMITTER ASM
USED ON 1402-2 ONLY
- 7 104467 JUMPER COMMON
- 8 103639 CONTACT ASM UPPER
- 9 103663 CONTACT ASM LOWER
- 10 103743 STRAP CONTACT SUPPORT
- 11 103744 TERMINAL ASM CONTACT
- 12 104468 FRAME 16 P C EMITTER
- 13 123148 SCREW RETAINER RING MTG
- 14 123149 SCREW CONTACT ASM
- 15 132017 RING PLUNGER GDE 1/2SH
- 16 219837 PLUNGER ASM
- 17 219839 RING PLUNGER RETAINER
- 18 255879 INSULATOR CONTACT ASM
- B 126631 ROTOR ASM EMITTER
USED ON 1402-2 ONLY
- 24 38051 NUT ECCENTRIC SCREW
- 25 126620 STUD + BEARING
- 26 126632 ARM ROTOR
- 27 257622 SCREW CLAMPING
- C 609008 CB ASM CLUTCH
USED ON 1402-1, 4 + 5 ONLY
- C 614044 CB ASM CLUTCH
USED ON 1402-2 ONLY
- C 610521 CB ASM CLUTCH
USED ON 1402-3 ONLY
- 35 2031 SCREW-CB MTG
- 36 2384 SCREW-CB BAR MTG
- 38 10170 SCREW-CB BACK CVR
- 39 23056 WASHER-BRG RET
- 40 24511 WASHER-CB MTG
- 41 845 SCREW CB MTG BAR
- 42 35739 SCREW
- 44 38350 SCREW-GROM RET MTG
- 45 60646 LWASHER CB MTG BAR
- 46 104696 PIN CB
- 47 121521 SET SCREW-CB INPUT GR
- 48 167323 PLUG-EXPANSION
- 50 344872 SCREW CB MTG
- 51 437763 CAP SCREW-PULLEY MTG
- 52 602089 BAR CB MTG
- 53 602090 FRONT COVER-CB UNIT
- 54 602091 BACK COVER-CB UNIT
- 55 602092 SIDE PLATE-CB-FR
- 56 602093 SIDE PLATE-CB REAR

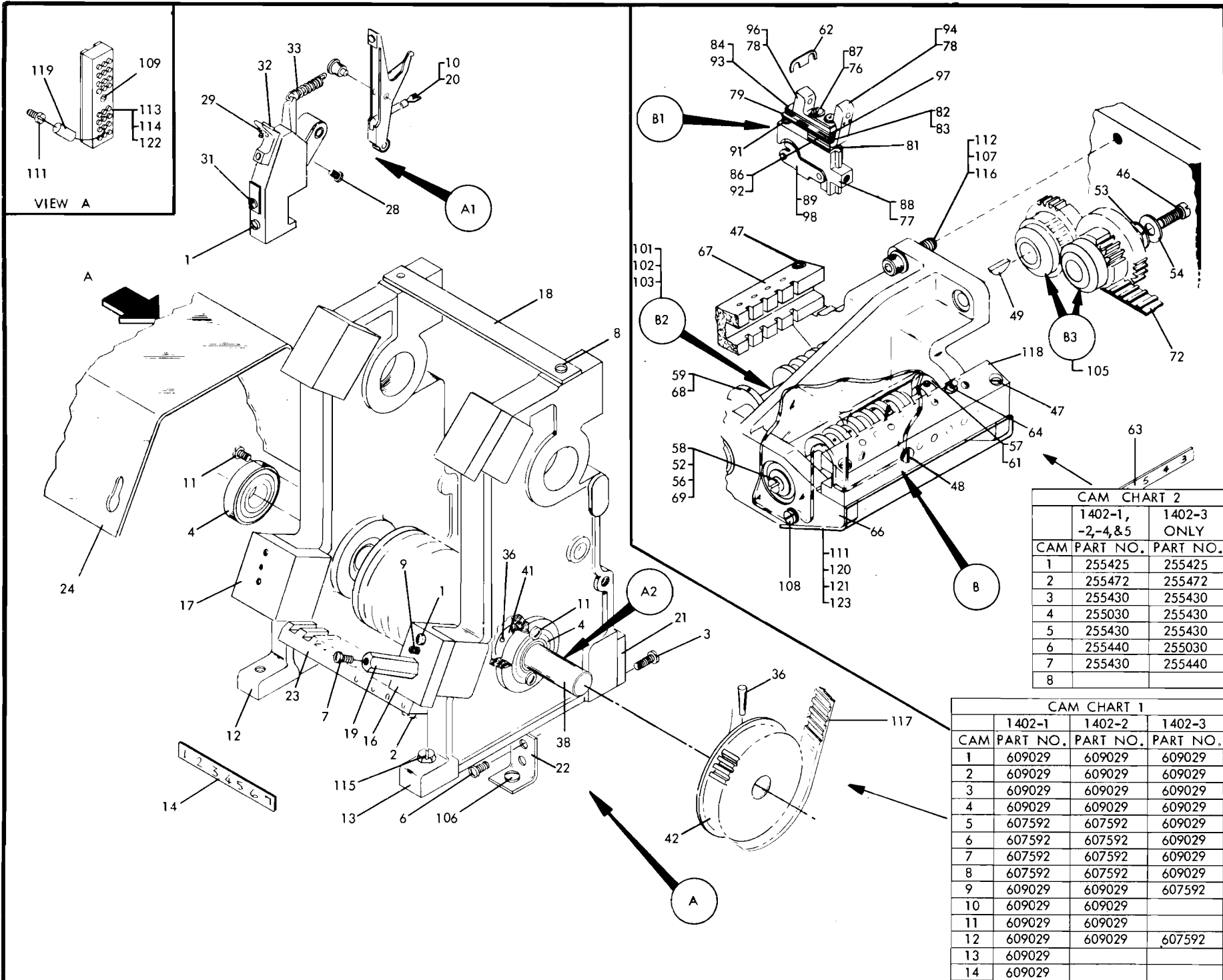
- 57 602094 CROSS BAR-CB UNIT
- 58 602096 RETAINER-GROMMET
- 59 602104 NUM STRIP-CB BAR 1-20
- 60 602107 GROMMET-SPLIT
- 61 602148 BEARING-CB CAM SHAFT
- 62 602710 JUMPER-CB
- 63 602803 PLUG-SNAP
- 65 602953 SPACER
- 66 603004 WASHER
- 68 607451 PULLEY ASM-CB DRIVE
- 70 609026 SHAFT-CB UNIT INBOARD
- 72 1090873 LWASHER-CB MTG
- 73 129243 JUMPER ASM-CB
- 74 129247 JUMPER ASM-CB
- C1 602083 CB ASM CB UNIT TUNGSTEN
- C1 610070 CB ASM CB UNIT SILVER POINT
USED ON 610521 ONLY
- 76 38348 SCR CONT TERM BLOCK
- 77 100606 SLEEVE-C B ASM INSUL
- 78 173211 SCR C B ASM
- 80 205742 STRAP CONTACT LWR TUNGSTEN POINT
- 80 214228 STRAP CONTACT LWR SILVER POINT
- 81 205743 INSULATOR BLOCK CONT
- 82 205747 SHIM CONTACT CB ASM
- 83 205783 SHIM CONTACT CB ASM
- 84 228107 STRAP CONTACT UPP TUNGSTEN POINT
- 84 749007 STRAP CONTACT UPP SILVER POINT
- 85 228147 INSULATOR BLOCK CONT
- 86 228475 BREAKER ARM PIVOT
- 87 228476 PLUNGER-C B
- 88 228477 CONT STIFFENER-UPPER
- 89 228478 CONT DAMPENER-UPPER
- 90 230736 STRIP-C B ASM INSUL
- 91 435700 ARM AND BRG ASM
- 92 602084 CONNECTING STRIP
- 93 602085 BLOCK-CONT MTG
- 94 602086 BLOCK-CONT TERM MTG
- 95 602087 BLOCK-CONT TERM UPPER
PARTS NOT INCLUDED WITH ASSEMBLIES
- 97 358 SCREW BRKT MTG
- 98 6364 LWASHR EMITTER MTG 1402 2
- 99 20038 SPACER EMIT SHLD STUD 1402-2

- 100 9092 LOCKWASHER BRKT MTG
- 101 22066 WSHR EMITTER 101
- 102 34512 SCREW SHIELD MTG1402-2
- 103 38361 SCREW EMITTER14 2-2
- 104 38368 SCREW EMITTER MTG 1402 2
- 105 350240 SPACER EMITTER 1402 2
- 106 81142 SCREW CLU CB MTG
- 107 257187 NUT EMITTER MTG 1402-2
- 108 614068 STUD EMITTER SHIELD MTG 1402-2
- 109 607557 BRACKET CB ASM MTG
- 110 607569 BELT CLU CB
- 112 607971 SHIELD CLU CB DRIVE 14 2-2
- 114 615061 BRKT EMITTER 14 2-2
- 115 610280 BACK COVER PCH EMITTER 1402-2
- 116 610281 COVER PCH EMITTER 1402 2
- 117 186759 SCREW EMITTER SHIELD MTG 1402-2

CAM CHART			
	1402-1, -4, & -5	1402-2	1402-3
CAM PART NO.	PART NO.	PART NO.	PART NO.
1	607114	607114	607114
2	602129	602129	602129
3	607114	607114	607114
4	602129	602129	602129
5	602128	602128	607730
6	607114	607114	602129
7	607730	607730	602119
8	607114	607114	607730
9	608607	608607	607114
10	608607	608607	607114
11	607730	607730	602129
12	607730	607730	608607
13	607114	607114	608607
14	602129	602129	602128
15	602119	602119	602129
16	607730	607730	607730
17	602127		607114
18	602129		602127

1402 FIG. 44

C. R. PUNCH C. B. & HIGH SPEED C. B. ASMS.



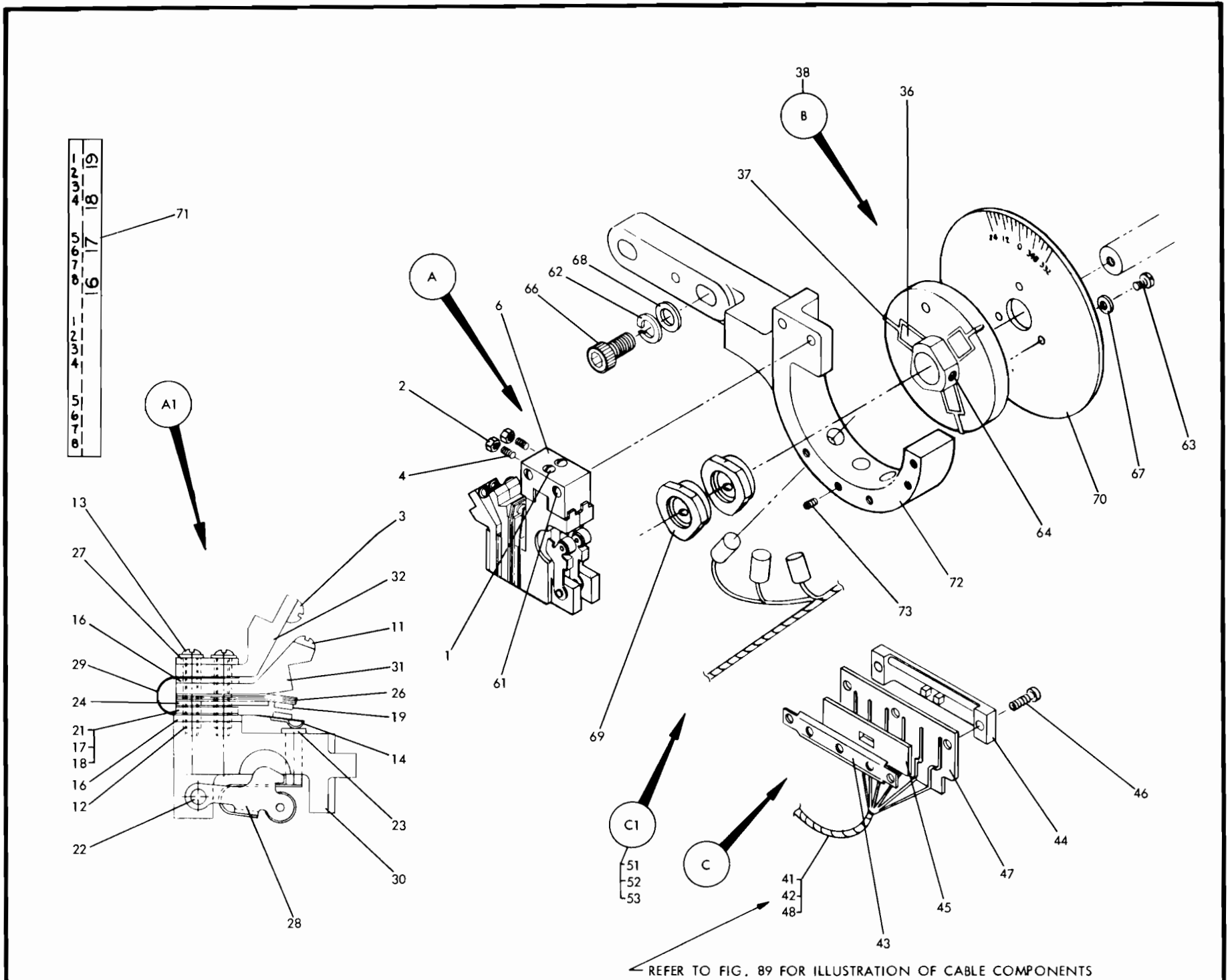
CAM CHART 2		
	1402-1, -2,-4,&5	1402-3 ONLY
CAM PART NO.	PART NO.	PART NO.
1	255425	255425
2	255472	255472
3	255430	255430
4	255030	255430
5	255430	255430
6	255440	255030
7	255430	255440
8		

CAM CHART 1			
	1402-1	1402-2	1402-3
CAM PART NO.	PART NO.	PART NO.	PART NO.
1	609029	609029	609029
2	609029	609029	609029
3	609029	609029	609029
4	609029	609029	609029
5	607592	607592	609029
6	607592	607592	609029
7	607592	607592	609029
8	607592	607592	609029
9	609029	609029	607592
10	609029	609029	
11	609029	609029	
12	609029	609029	607592
13	609029		
14	609029		

A	609006	CB ASM CR PUNCH USED ON 1402-1, 2,-4 + 5	B	609009	CB ASM HIGH SPEED USED ON 1402-1 FOR FIELD USE ONLY	84	228107	CONTACT STRAP UPP TUNGSTEN POINT
A	610525	CB ASM CR PUNCH USED ON 1402-3 ONLY	B	614067	CB ASM HIGH SPEED USED ON 1402-2 ONLY	84	749007	CONTACT STRAP UPP SILVER POINT
1	641	SCREW-LAT PL MTG	B	610522	CB ASM HIGH SPEED USED ON 1402-3 ONLY	86	228147	INSULATOR CONT BLOCK
2	2032	SCREW-CB MTG	46	845	SCREW PULLEY MTG	87	228164	SCR WSHR HD
3	2994	SCREW-PLATE MTG	47	2384	SCREW	88	228472	BLOCK CONT MTG
4	22668	BEARING-CB	48	5528	SCREW CB MTG	89	228475	PIVOT BREAKER ARM
6	24752	SCREW-BRKT MTG	49	12015	KEY PULLEY DRIVE	91	228476	PLUNGER CONT
7	32042	SCREW-CVR MTG	50	21791	JUMPER ASM	92	228477	STIFFINER UPPER CONT
8	38454	SCREW-CVR MTG	52	45690	WASHER CB SHAFT	93	228478	DAMPENER UPPER CONT
9	127735	TAPER PIN-LATCH PLATE	53	60646	LWASHER PULLEY MTG	94	228480	BLOCK CONT TERM
10	129243	JUMPER ASM-RET	54	120789	WASHER PULLEY MTG	96	228481	BLOCK TERM CONT
11	196299	SCREW-BRG RET	55	129243	JUMPER ASM	97	230736	BLOCK CAM CONT INS
12	252075	FRAME-CB CR PUNCH	56	130434	SCREW CB SHAFT	98	435700	ARM ASM CB BRG
13	252076	FRAME-CB CR PUN	57	156231	BEARING CB DRIVE	B2	607571	SHAFT ASM CB
14	252706	NUMBERING STRIP	58	156364	BEARING CB SHAFT	101	44285	TAPER PIN COLLAR
16	252756	SUPPORT-CB UNIT	59	160942	SET SCREW COLLAR	* 102	437896	COLLAR
17	252762	SUPPORT-CB UNIT	61	186759	SCREW BEARING RETAINING	* 103	607572	SHAFT CR CB
18	289055	TIE BAR	62	228609	JUMPER	B3	607574	GEAR ASM CB DRIVE
19	438104	STUD-CVR MTG	63	252706	NUMBERING STRIP CB	105	607573	PULLEY ASM-HS CB DR
20	602710	JUMPER-CB	64	344872	SET SCREW CB	PARTS NOT INCLUDED WITH ASSEMBLIES		
21	609011	TIE BAR-CB UNIT	66	437802	HOUSING CB	106	232	SCREW CB MTG
22	609014	BRACKET-CB UNIT	67	437880	BAR CB MTG	107	6935	LWASHER CB MTG
23	609017	BAR CB MTG	68	438153	COLLAR ASM CB SHAFT	108	32042	SCREW-HI SPEED CB CVR
24	609164	COVER-CB PUNCH	69	607051	O RING	109	38266	SCREW EC
A1	255970	CB ASM	72	607579	BELT HIGH SPEED CB DR	111	38368	SCREW CAP MTG
28	366	SCREW	B1	435701	CB ASM TUNGSTEN POINT	112	186935	SCREW CB MTG
29	6503	NUT CONTACT POINT	B1	610073	CB ASM SILVER POINT	113	302090	TERMINAL BLOCK ASM
31	168076	SCREW TERMINAL	76	100237	INSULATOR SCR	114	302131	INSUL STRIP EC
32	255967	POINT CONTACT	77	101017	SCR BRKR ARM PIV	115	438601	SCREW CB MTG
33	255968	SPRING EXTENSION	78	118418	SCR CB JUMPER	116	528251	WASHER CB MTG
A2	609016	SHAFT ASM-CB LW CAM	79	205742	CONTACT STRAP LWR TUNGSTEN POINT	117	609100	BELT CR
36	34	TAPER PIN CB LWR	79	214228	CONTACT STRAP LWR SILVER POINT	118	609608	COVER-CR CB
* 38	120955	SHAFT-CB	81	205743	BLOCK CAM CONT INS	119	609736	CAPACITOR 100 MFD 25 VOLT
* 41	238061	COLLAR CB LWR	82	205747	SHIM CONTACT	120	609748	SPACER CB DUST COVER
* 42	609027	PULLEY-CB LWR	83	205783	SHIM CONTACT	121	615419	DUST COVER C B ASM PA
						122	620350	DECAL NUMBERING STRIP
						123	1090873	LWASHR C B DUST COVER

* NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

MAGNETIC EMITTER ASM.

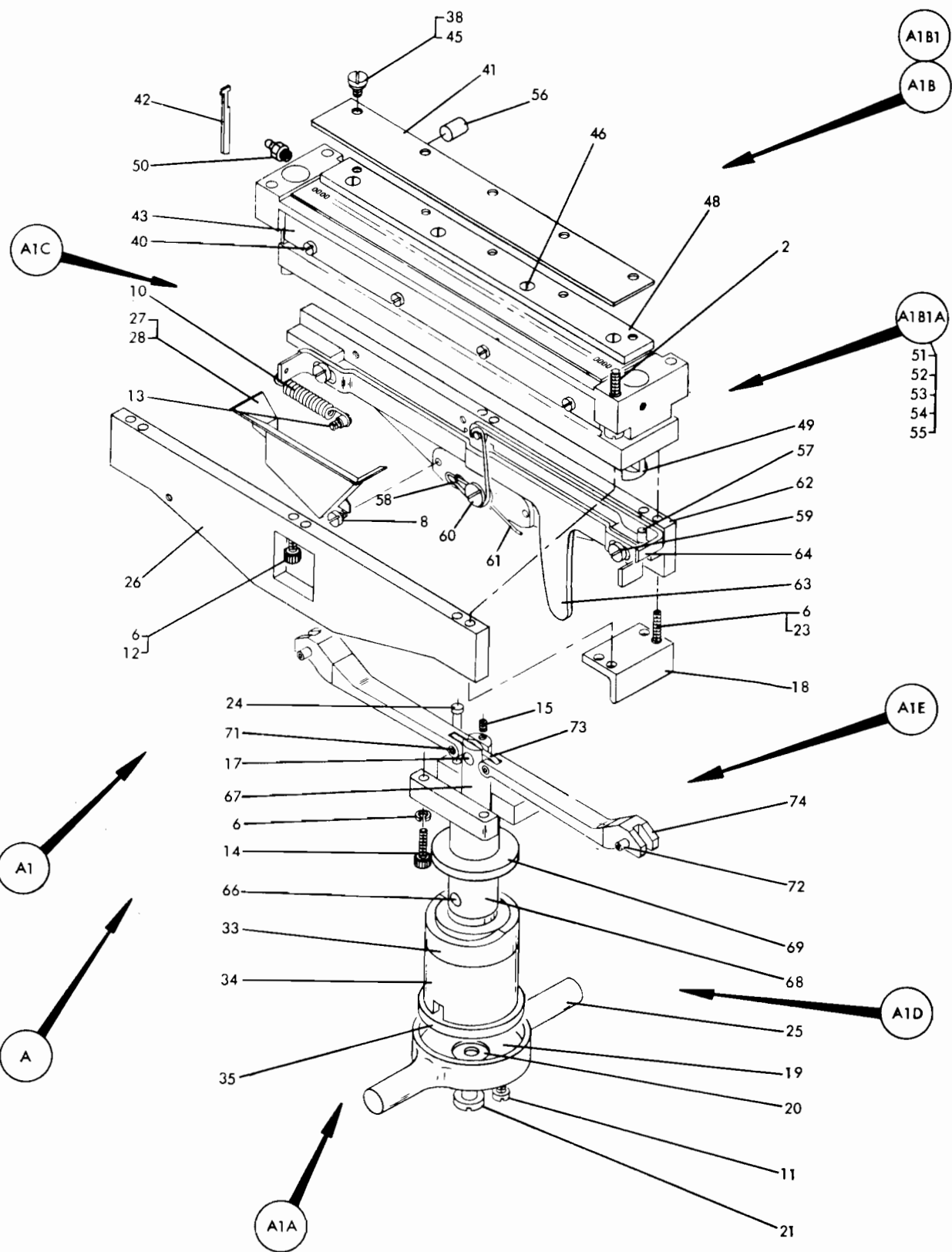


- A 613748 CB UNIT ASM
- 1 5528 SCREW
- 2 38051 NUT
- 3 228609 JUMPER
- 4 336793 SET SCREW
- 6 632544 BAR CB MTG
- A1 602083 CB ASM
- 11 38348 SCR CONT TERM BLK
- 12 100606 SLEEVE-CB ASM INSUL
- 13 173211 SCR CB ASM
- 14 205742 STRAP CONTACT
- 16 205743 STRIP-CB ASM INSUL
- 17 205747 SHIM CONTACT CB ASM
- 18 205783 SHIM CONTACT CB ASM
- 19 228107 STRAP UPPER CONTACT SPRING
- 21 228147 INSULATOR BLOCK CONT
- 22 228475 BREAKER ARM PIVOT
- 23 228476 PLUNGER-CB
- 24 228477 CONT STIFFENER-UPPER
- 26 228478 CONT DAMPENER-UPPER
- 27 230736 STRIP-CB ASM INSUL
- 28 435700 ARM BRG ASM
- 29 602084 CONNECTING SPRING
- 30 602085 BLOCK-CONT
- 31 602086 BLOCK-CONT TERM MTG
- 32 602087 BLOCK CONT TERM UPPER

- B 632541 DISC MAG EMTR
- * 36 611859 MAGNET
- * 37 612311 INSERT
- * 38 632543 DISC PA EMIT MAG
- C 613742 CBL ASM MAG EMTR
- 41 186967 CLIP
- 42 187243 PLUG
- 43 216208 CLAMP
- 44 216209 SUPPORT
- 45 216210 SPACER RUBBER
- 46 236550 SCREW
- 47 491349 CARD CABLE ENTRY
- 48 598041 TERMINAL
- C1 632799 PICKUP ASM MAG EMTR
- 51 612516 HOUSING MAG EMIT COIL
- 52 612517 CORE MAG EMIT COIL
- 53 632724 COIL ASM MAG EMIT

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 61 2384 SCREW CB MTG
 - 62 6935 LWSHR EMITTER HSG
 - 63 38261 SCREW INDEX
 - 64 123639 SET SCR MAG DISC
 - 66 149908 SCREW EMTR HSG
 - 67 257985 WASHER INDEX
 - 68 3550 WASHER EMITTER HOUSING
 - 69 609760 CAM
 - 70 610165 INDEX PCH UNIT TMG
 - 71 620350 DECAL NUMBRG STRIP
 - 72 632542 HOUSING MAG EMTR
 - 73 1073462 SET SCR COIL
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

PUNCH UNIT ASM. (REDESIGNED) I



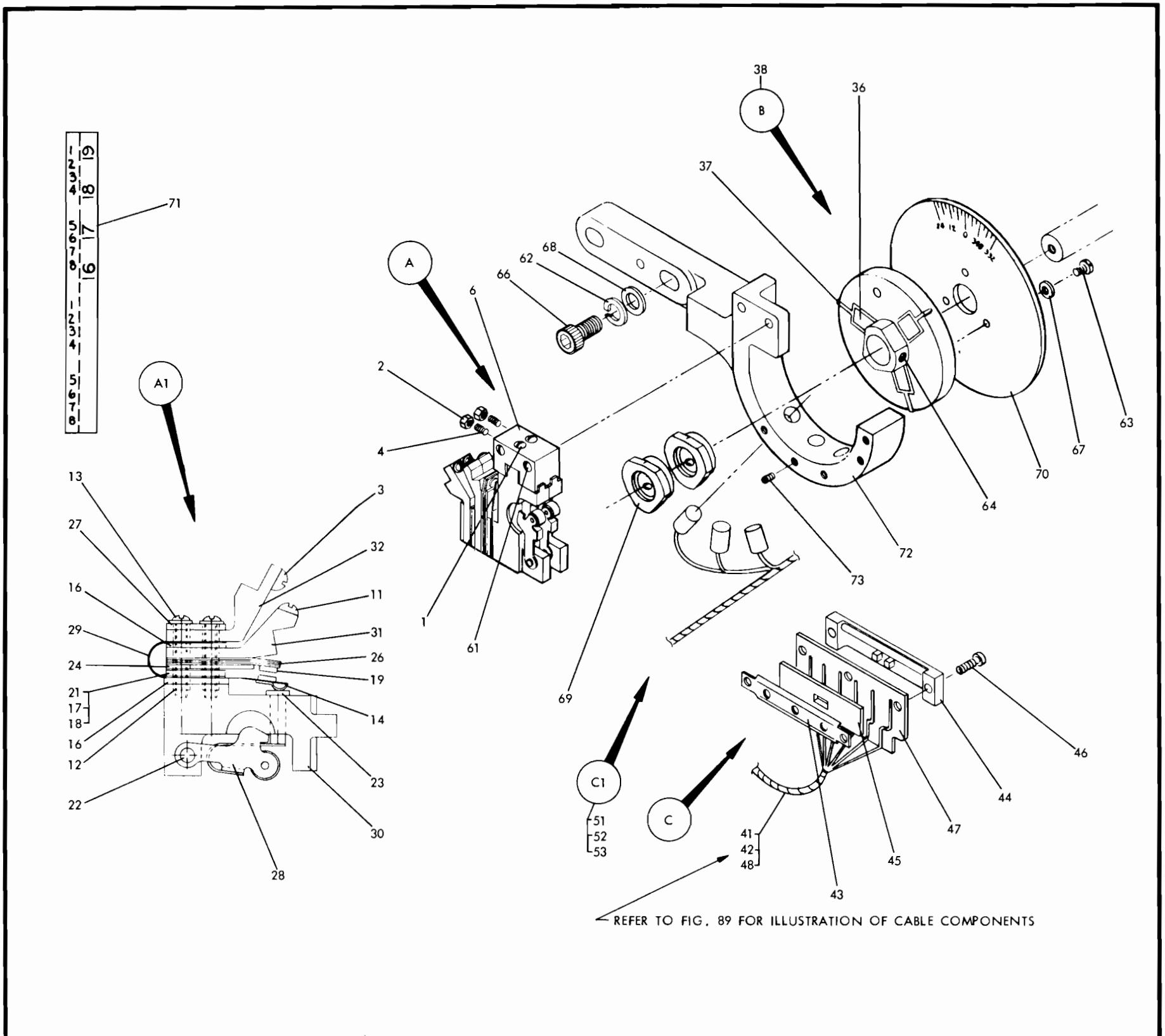
A	610180	PUNCH UNIT ASM
2	133742	SCREW STRIPPER ASM MTG
A1	601981	DIE STRIPPER ASM
6	6364	LWASHER SUPPORT
8	53042	SCREW DEFLECTOR MTG
10	134996	SPRING
11	186758	SCREW HANDLE MTG
12	186928	SCREW SUPPORT MTG
13	239281	STUD SPRING MTG
14	251820	SCREW HANDLE
15	257956	SET SCREW PIVOT MTG
17	601932	PIN PIVOT LINK
18	601933	TIE BAR
19	601934	SHIM DIE LOCK
20	601935	WASHER THRUST
21	601940	SCREW SHOULDER
23	601946	SCREW TIE BAR
24	601949	PLUNGER DIE INTERLOCK
25	601953	HANDLE ASSEMBLY
26	601971	DIE SUPPORT FRONT
27	601978	DEFLECTOR CHIP LEFT
28	601979	DEFLECTOR CHIP RIGHT

A1A	601954	CAM AND SLEEVE ASSEMBLY
33	601967	INTERLOCK CAM
34	601959	SLEEVE
35	601969	CAM DIE LIFT
A1B	601965	DIE STRIPPER PUNCH ASM
38	42026	SCREW
40	251970	SCREW CARD GUIDE
41	437683	PLATE
*	42	600963 PUNCH
43	601942	CARD GUIDE STRIPPER
45	1090873	LWASHER
A1B1	601960	DIE AND STRIP PLATES ASM
46	25625	SCREW SPACER MOUNTING
*	48	601952 SPACER PUNCH SPRING STOP
49	601958	PIN SUPPORT
*A1B1A	601961	BLOCKS ASM
*	50	171059 GREASE FITTING
*	51	601951 SPACER PAD
*	52	601974 PLATE
*	53	601977 PLATE
*	54	601988 DIE BLOCK
*	55	601989 STRIPPER BLOCK
56	206082	PIN

A1C	601966	EJECTOR + INT LOCK ASM
57	343571	ROLL PIN INTERLOCK GUIDE
58	601937	INTERLOCK PIVOT
59	601938	SCREW SHOULDER EJECTOR
60	601939	SCREW INTERLOCK PIVOT
61	601947	SPRING INTERLOCK RETURN
62	601970	DIE SUPPORT REAR
63	601972	EJECTOR
64	610297	INTERLOCK PLUNGER
A1D	601986	COLUMN AND POST ASM
66	601936	PIN
67	601956	CENTER POST
68	601957	SUPPORT COLUMN
69	601945	CHIP SHIELD
A1E	601987	LUG AND PIVOT LINK ASM
71	257312	ROLL PIN
72	437289	ROLL PIN
73	601931	PIVOT LINK
74	601968	LUG

* NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

MAGNETIC EMITTER ASM.

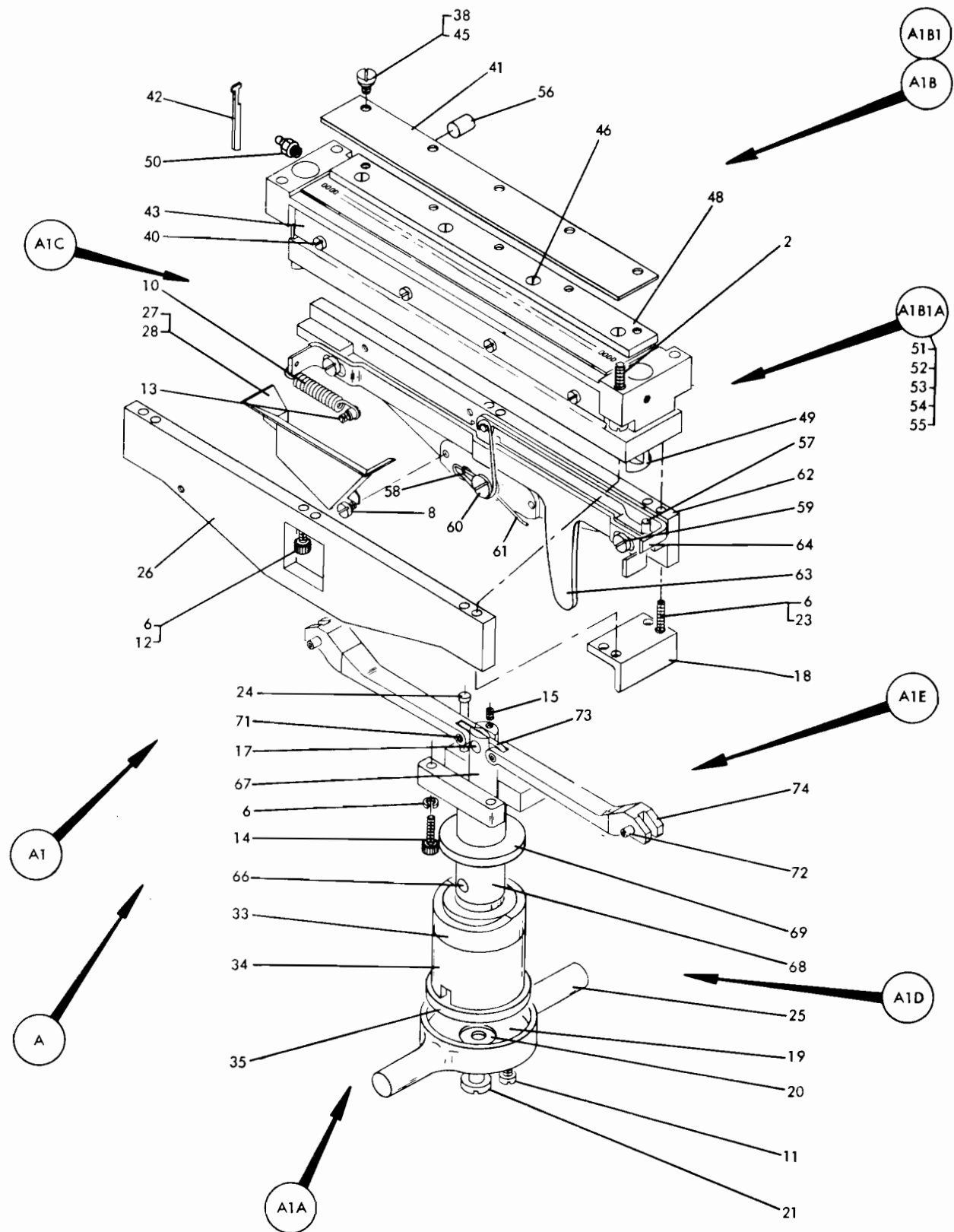


A	613748	CB UNIT ASM
1	5528	SCREW
2	38051	NUT
3	228609	JUMPER
4	336793	SET SCREW
6	632544	BAR CB MTG
A1	602083	CB ASM
11	38348	SCR CONT TERM BLK
12	100606	SLEEVE-CB ASM INSUL
13	173211	SCR CB ASM
14	205742	STRAP CONTACT
16	205743	STRIP-CB ASM INSUL
17	205747	SHIM CONTACT CB ASM
18	205783	SHIM CONTACT CB ASM
19	228107	STRAP UPPER CONTACT SPRING
21	228147	INSULATOR BLOCK CONT
22	228475	BREAKER ARM PIVOT
23	228476	PLUNGER-CB
24	228477	CONT STIFFENER-UPPER
26	228478	CONT DAMPENER-UPPER
27	230736	STRIP-CB ASM INSUL
28	435700	ARM BRG ASM
29	602084	CONNECTING SPRING
30	602085	BLOCK-CONT
31	602086	BLOCK-CONT TERM MTG
32	602087	BLOCK CONT TERM UPPER

B	632541	DISC	MAG EMTR
* 36	611859	MAGNET	
* 37	612311	INSERT	
* 38	632543	DISC PA EMIT MAG	
C	613742	CBL ASM	MAG EMTR
41	186967	CLIP	
42	187243	PLUG	
43	216208	CLAMP	
44	216209	SUPPORT	
45	216210	SPACER	RUBBER
46	236550	SCREW	
47	491349	CARD CABLE ENTRY	
48	598041	TERMINAL	
C1	632799	PICKUP	ASM MAG EMTR
51	612516	HOUSING MAG EMIT COIL	
52	612517	CORE MAG EMIT COIL	
53	632724	COIL ASM MAG EMIT	

PARTS NOT INCLUDED WITH ASSEMBLIES			
61	2384	SCREW	CB MTG
62	6935	LWSHR	EMITTER HSG
63	38261	SCREW	INDEX
64	123639	SET SCR	MAG DISC
66	149908	SCREW	EMTR HSG
67	257985	WASHER	INDEX
68	3550	WASHER	EMITTER HOUSING
69	609760	CAM	
70	610165	INDEX	PCH UNIT TMG
71	620350	DECAL	NUMBRG STRIP
72	632542	HOUSING	MAG EMTR
73	1073462	SET SCR	COIL
* NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT			

PUNCH UNIT ASM. (REDESIGNED) I



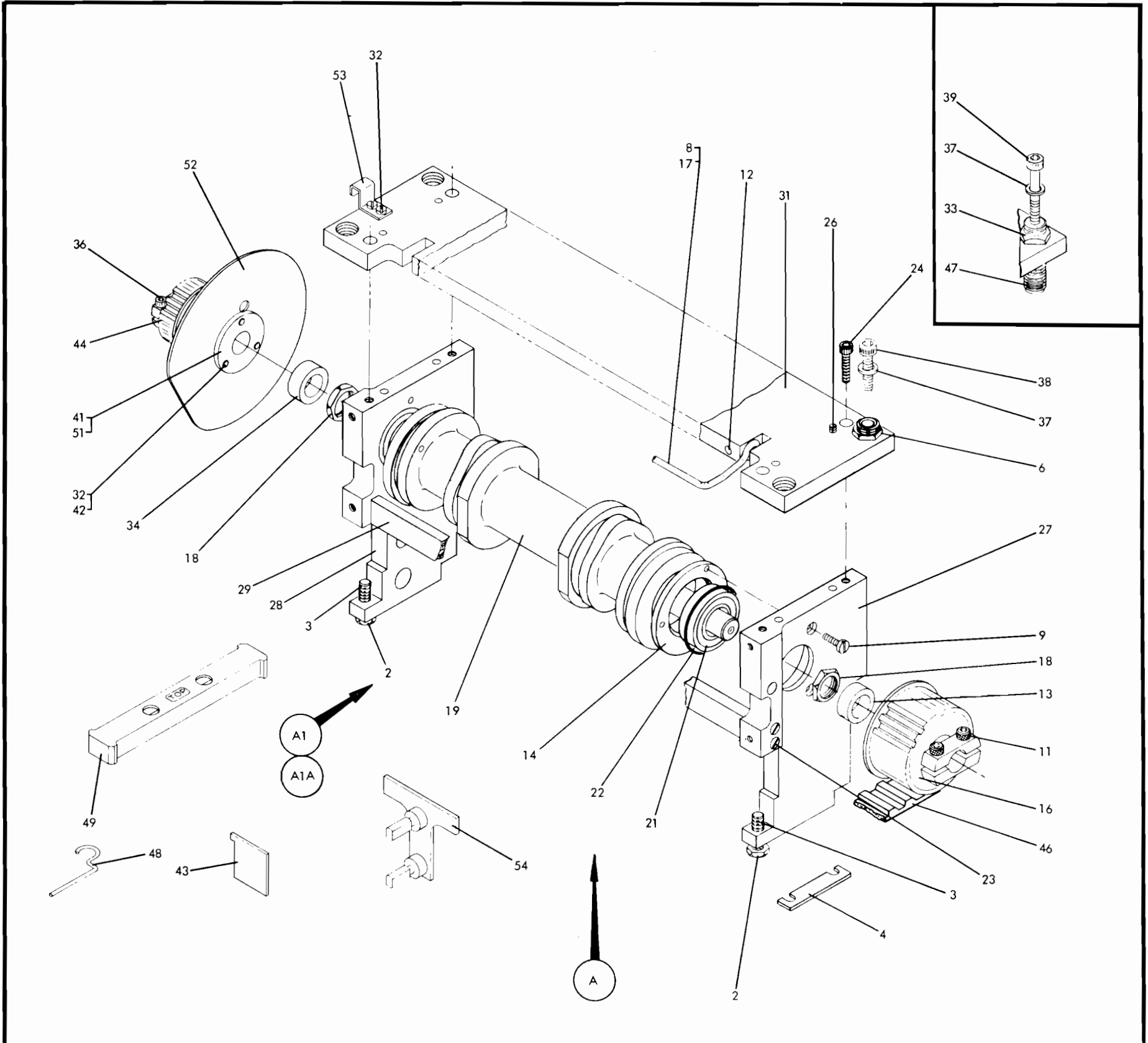
- A 610180 PUNCH UNIT ASM
- 2 133742 SCREW STRIPPER ASM MTG
- A1 601981 DIE STRIPPER ASM
- 6 6364 LWASHER SUPPORT
- 8 53042 SCREW DEFLECTOR MTG
- 10 134996 SPRING
- 11 186758 SCREW HANDLE MTG
- 12 186928 SCREW SUPPORT MTG
- 13 239281 STUD SPRING MTG
- 14 251820 SCREW HANDLE
- 15 257956 SET SCREW PIVOT MTG
- 17 601932 PIN PIVOT LINK
- 18 601933 TIE BAR
- 19 601934 SHIM DIE LOCK
- 20 601935 WASHER THRUST
- 21 601940 SCREW SHOULDER
- 23 601946 SCREW TIE BAR
- 24 601949 PLUNGER DIE INTERLOCK
- 25 601953 HANDLE ASSEMBLY
- 26 601971 DIE SUPPORT FRONT
- 27 601978 DEFLECTOR CHIP LEFT
- 28 601979 DEFLECTOR CHIP RIGHT

- A1A 601954 CAM AND SLEEVE ASSEMBLY
- 33 601967 INTERLOCK CAM
- 34 601959 SLEEVE
- 35 601969 CAM DIE LIFT
- A1B 601965 DIE STRIPPER PUNCH ASM
- 38 42026 SCREW
- 40 251970 SCREW CARD GUIDE
- 41 437683 PLATE
- * 42 600963 PUNCH
- 43 601942 CARD GUIDE STRIPPER
- 45 1090873 LWASHER
- A1B1 601960 DIE AND STRIP PLATES ASM
- 46 25625 SCREW SPACER MOUNTING
- 48 601952 SPACER PUNCH SPRING STOP
- 49 601958 PIN SUPPORT
- * A1B1A 601961 BLOCKS ASM
- * 50 171059 GREASE FITTING
- * 51 601951 SPACER PAD
- * 52 601974 PLATE
- * 53 601977 PLATE
- * 54 601988 DIE BLOCK
- * 55 601989 STRIPPER BLOCK
- 56 206082 PLUG

- A1C 601966 EJECTOR + INT LOCK ASM
- 57 343571 ROLL PIN INTERLOCK GUIDE
- 58 601937 INTERLOCK PIVOT
- 59 601938 SCREW SHOULDER EJECTOR
- 60 601939 SCREW INTERLOCK PIVOT
- 61 601947 SPRING INTERLOCK RETURN
- 62 601970 DIE SUPPORT REAR
- 63 601972 EJECTOR
- 64 610297 INTERLOCK PLUNGER
- A1D 601986 COLUMN AND POST ASM
- 66 601936 PIN
- 67 601956 CENTER POST
- 68 601957 SUPPORT COLUMN
- 69 601945 CHIP SHIELD
- A1E 601987 LUG AND PIVOT LINK ASM
- 71 257312 ROLL PIN
- 72 437289 ROLL PIN
- 73 601931 PIVOT LINK
- 74 601968 LUG

* NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

PUNCH UNIT ASM. (REDESIGNED) II

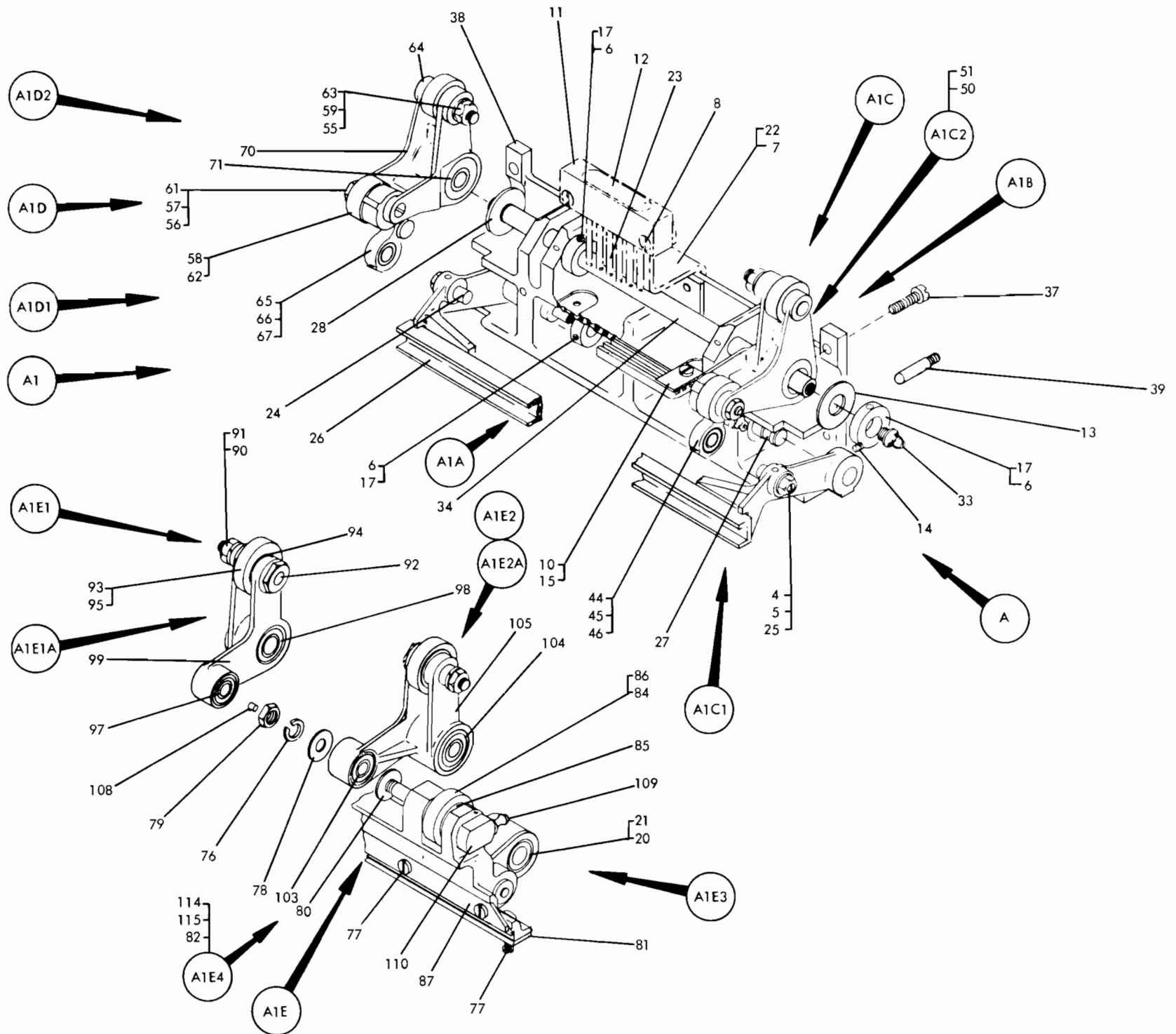


- A 610180 PUNCH UNIT ASM
- 2 6503 NUT ADJ SCR LOCK
- 3 128543 SET SCR PCH UNIT ADJ
- 4 437964 SHIM DIE UNIT
- 6 610093 BUSHING PUNCH UNIT MTG
- A1 610160 CAM BAIL ASM PCH UNIT
- 8 11587 PIN PUNCH UN HANDLE
- 9 52607 SCREW BRG RETAINER
- 11 129654 SCREW PULLEY LOCKING
- 12 257974 SCREW HANDLE SET
- 13 437531 SPACER
- 14 437682 RETAINER BEARING

- 16 607159 PULLEY ASM DRIVE
- 17 607474 HANDLE PUNCH UNIT
- 18 608029 NUT CAM SHAFT BRG
- 19 610110 CAM SHAFT
- 21 613769 BEARING CAM SHAFT
- 22 2121843 O RING BEARING RET
- A1A 607157 SIDE FRAME ASM PCH UNIT
- 23 1500 SCREW SPACER BAR MTG
- 24 104763 SCREW TOP PLATE MTG
- 26 122856 TAPER PIN TOP PLATE MTG
- 27 437623 FRAME FRONT SIDE
- 28 437624 FRAME REAR SIDE
- 29 437716 TIE BAR SIDE FRAME
- 31 607158 PLATE TOP MTG

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 32 38261 SCREW
 - 33 70950 NUT BUSHING ADJ
 - 34 101487 SPACER
 - 36 129654 SCR PULLEY
 - 37 130435 WASHER PCH UNIT MTG
 - 38 186933 SCREW PCH UNIT MTG
 - 39 186934 SCREW 2 IN LONG
 - 41 257969 SCR DIAL HUB
 - 42 257985 WASHER
 - 43 600914 GAGE-SET UP BAIL
 - 44 607151 PULLEY ASM
 - 46 607578 BELT PCH DRIVE CEM
 - 47 607770 BUSHING 1 1/2 IN LONG
 - 48 610077 TIMING ROD PUNCH UNIT
 - 49 610094 GAGE DIE CARD GUIDE
 - 51 610164 HUB PCH UNIT INDEX
 - 52 610165 INDEX PCH UNIT TIMING
 - 53 610166 POINTER PCH UNIT TMG
 - 54 610692 GAGE PCH UNIT SQ

PUNCH UNIT ASM. (REDESIGNED) III



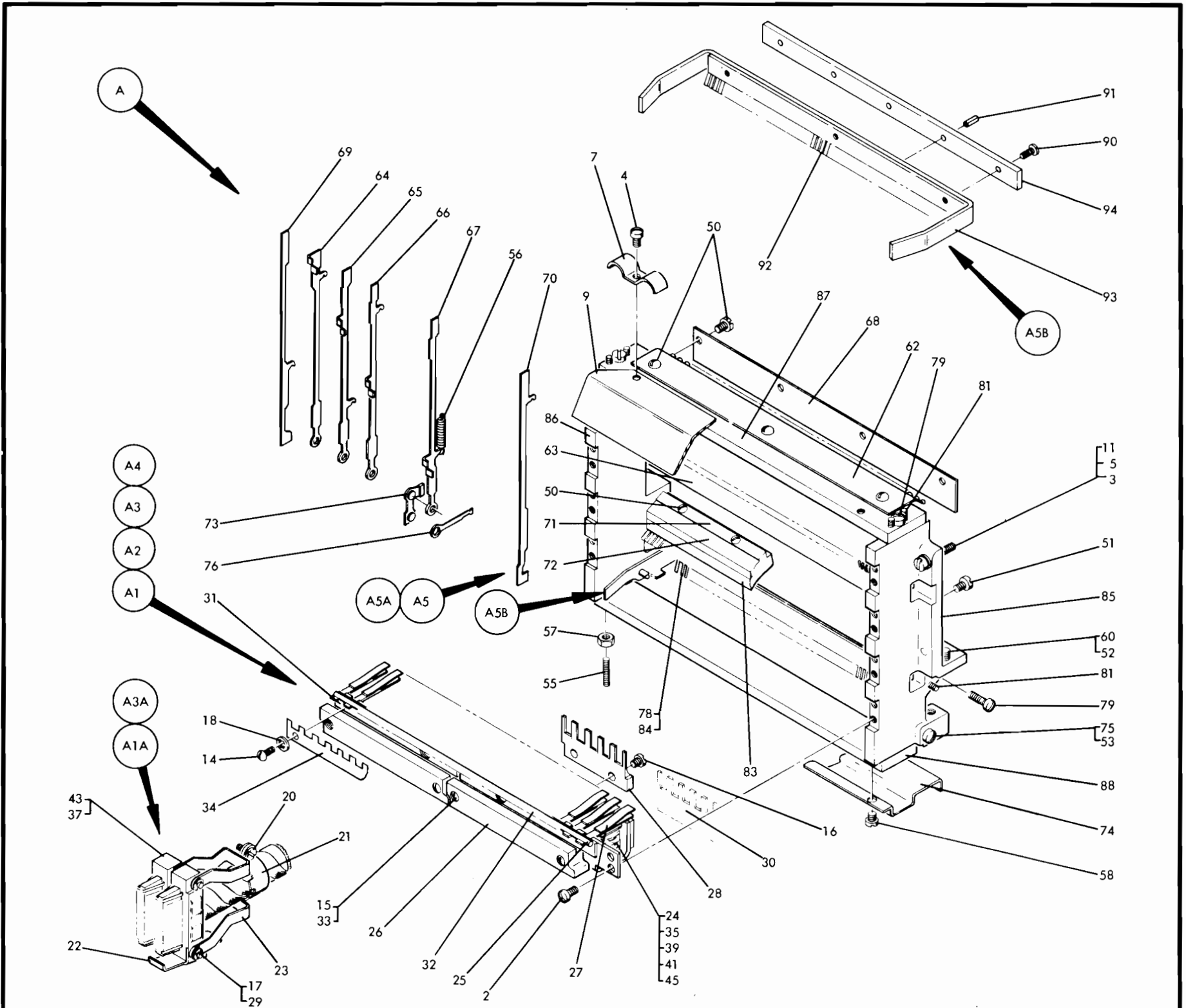
A	610180	PUNCH UNIT ASM
A1	610160	CAM BAIL ASM PCH UNIT
4	9092	LWSHR LINK PIVOT STUD
5	11598	NUT LINK PIVOT STUD
6	23857	SET SCR LINK PIV STUD
7	28413	SCREW PCH UNIT OIL BRKT
8	38383	SCREW OIL RESERVOIR
10	109105	CLIP OIL TUBE RETAINER
11	121025	OIL RESERVOIR BLOCK
12	121098	WICK PUNCH UNIT OIL
13	122772	WASHER CAM FOLL SHAFT
14	151720	SET SCREW SETUP BAIL
15	186759	SCREW OIL TUBE RET CLIP
17	203524	COLLAR CAM FOLL SHAFT
20	437667	GUIDE ASM PUNCH BAIL REAR
21	438447	GUIDE ASM PUNCH BAIL FRONT
22	438482	BRACKET OIL TUBE
23	438488	OIL TUBE
24	441509	STUD LINK PIVOT REAR
25	441510	STUD LINK PIVOT FRONT
26	441566	BAIL ASM SET UP
27	441567	SHAFT BAIL GUIDE PIVOT
28	441683	SPACER CAM FOLL SHAFT
A1A	601368	SHAFT ASM CAM FOLL
33	171059	FITTING-GREASE
34	437713	SHAFT-CAM FOLLOWER
A1B	607157	SIDE FRAME ASM PCH UNIT
37	2994	SCR PIV SFT BRG ASM MTG
*38	437746	BRG ASM PIVOT SHAFT
*39	607904	PIN TAPER SFT BRG ASM
A1C	610125	CAM FOLL SETUP FRNT

A1C1	441712	LINK ASM BRG FT
44	438145	GREASE FITTING
*45	441687	BRG SETUP BAIL LINK
*46	441710	LINK SETUP BAIL FT
A1C2	601396	ARM BRG ASM FRONT
*50	437737	BEARING-CAM FOLL
*51	441592	ARM SETUP CAM FOLL-FT
A1D	610157	CAM FOLL ASM SETUP REAR
55	6935	LWSHR ECC CAM FOLL SFT
56	9092	LWSHR SETUP CAM FOLL SFT
57	11598	NUT SETUP CAM FOLL SFT
58	150698	SPACER
59	160017	NUT ECC CAM FOLL SFT
61	610127	STUD SET UP BAIL CAM FOL
62	610128	SLEEVE BAIL CAM FOLL
63	610130	STUD SETUP BAIL CAM FOL
64	610131	BEARING BAIL CAM FOL
A1D1	441713	LINK ASM BRG REAR
65	438145	GREASE FITTING
*66	441687	BRG SETUP BAIL LINK
*67	441709	LINK SETUP BAIL REAR
A1D2	601395	ARM BRG ASM FRONT
*70	441593	ARM SETUP CAM FOLL REAR
*71	437737	BEARING-CAM FOLL
A1E	610167	PUNCH DRIVE ASM
76	6935	LWSHR PUNCH BAIL SHAFT
77	22568	SCREW DRIVE BAIL MTG
78	65880	WASHER PCH BAIL SHAFT
79	160017	NUT PUNCH BAIL SHAFT
80	437576	SPACER PUNCH CAM ARM
81	437719	BAIL PUNCH RESTORING
82	601238	WICK PUNCH BAIL OIL
84	610117	BRG PCH BAIL CAM FOLL
85	610118	SPACER CAM FOLLOWER
86	610121	SPACER CAM FOLLOWER
87	610124	BAIL PUNCH DRIVE

A1E1	610122	CAM FOL ASM REAR
90	6935	LWSHR CAM FOLL SHAFT
91	160017	NUT CAM FOLL SHAFT
92	610116	SHAFT PCH BAIL COMP
93	610117	BRG PCH BAIL CAM FOLL
94	610118	SPACER CAM FOLLOWER
95	610120	SPACER CAM FOLLOWER
A1E1A	610114	ARM BRG ASM REAR
*97	437723	BEARING CAM FOLL
*98	437737	BEARING CAM FOLL
*99	610112	ARM PCH CAM FOLL REAR
A1E2	610123	CAM FOLL ASM FRONT
A1E2A	610115	ARM BRG ASM FRONT
*103	437723	BEARING CAM FOLL
*104	437737	BEARING CAM FOLL
*105	610111	ARM PCH CAM FOLL FRNT
A1E3	610126	SHAFT ASM PUNCH BAIL
108	437641	PLUG OIL PUN BAIL SFT
109	438145	FITTING GREASE
*110	610125	SHAFT PUNCH BAIL ACTIVE
A1E4	610212	BAIL ASM PUNCH
114	437694	BEARING PUNCH BAIL CST
115	610113	BAIL PUNCH

* NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

PUNCH UNIT ASM. (REDESIGNED) IV



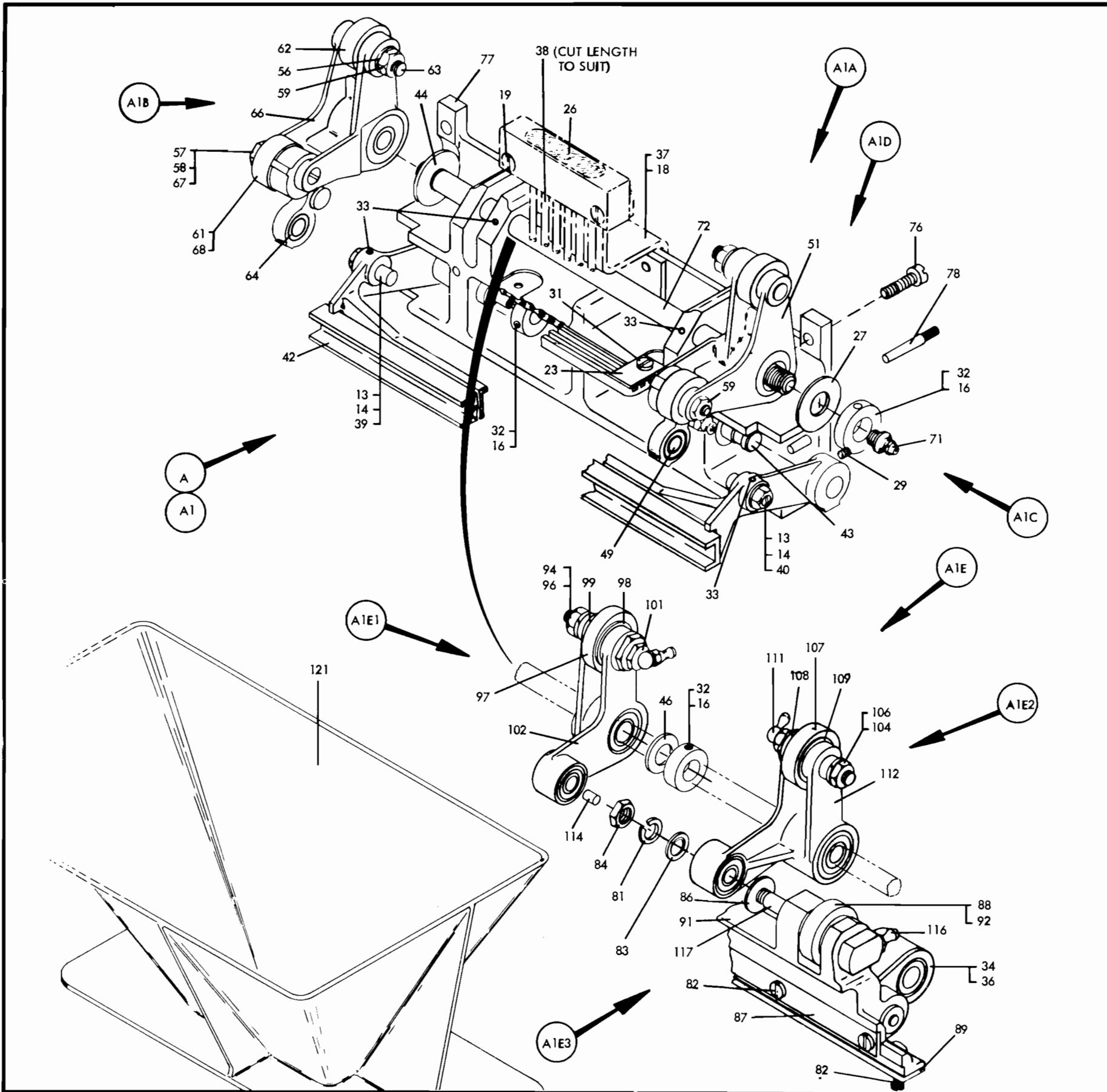
- A 610180 PUNCH UNIT ASM
- 2 337 SCREW MAGNET ASM ATTACH
- 3 641 SCREW LAT + INT ATTACH
- 4 2629 SCREW CABLE CLAMP MTG
- 5 24511 WASHER LAT + INTPR MTG
- 7 437590 CLAMP CABLE
- 9 610062 GUARD PUNCH MAGNETS
- 11 1090873 LWASHER
- A1 609068 MAGNET ASM ROW 1
- 14 92 SCREW-ARM PIVOT
- 15 2629 SCREW-CONT MOULDING
- 16 23787 SCREW-ARM GDE MTG
- 17 92524 CLIP-CONN STUD
- 18 163899 L WASHER-MAGNET
- 20 221790 SCREW-CONN CABLE
- 21 257237 CABLE CLAMP-CONN CABLE
- 22 257240 CLIP-CONN LOCKING
- 23 257242 SUPPURT-CONN CLAMP
- 24 437610 YOKE + CORE ASM
- 25 437615 ROD ARM PIVOT
- 26 437619 MOULDING ASM
- 27 437678 ARMATURE ASM
- 28 437725 GUIDE ARMATURE
- 29 441661 STUD-CONNECTOR
- 30 441751 GUIDE-ARMATURE
- 31 441767 PIVOT-ARMATURE
- 32 441768 GUIDE-ARMATURE
- 33 442124 WSHR-CONT MOULDING
- 34 601401 RETAINER-ARM PIVOT
- 35 609067 COIL ASM-PUNCH MAG

- A1A 607006 CABLE ASM-PUNCH MAG
- 37 257244 CONNECTOR MINIATURE
- A2 609069 MAGNET ASM ROW 2
- 39 437611 YOKE + CORE ASM
- BALANCE OF PARTS SHOWN UNDER ASM A1
- A3 609070 MAGNET ASM ROW 3
- 41 437612 YOKE + CORE ASM
- BALANCE OF PARTS SHOWN UNDER ASM A1
- A3A 607005 CABLE ASM-PUNCH MAG
- 43 257244 CONNECTOR MINIATURE
- A4 609071 MAGNET ASM ROW 4
- 45 437613 YOKE + CORE ASM
- BALANCE OF PARTS SHOWN UNDER ASM A1
- A5 610163 LATCH + INTERPOSER ASM
- 50 92 SCREW LATCH GUIDE
- 51 2300 SCREW INT SPG ANCHOR MTG
- 52 6503 LOCK NUT ADJ SCREW
- 53 9092 LWHR INTERPOSER GUIDE
- 55 16076 SCREW LINK GD ADJ
- 56 26513 SPRING LATCH
- 57 27073 LOCKNUT LINK GUIDE ADJ
- 58 38364 SCR INTPSR LINK RET MTG
- 60 128172 SCREW ADJUSTING
- 62 437627 PLATE UPPER LATCH SPRING
- 63 437628 PLATE LOWER LATCH SPRING
- 64 437631 LATCH ROW NO 1
- 65 437632 LATCH ROW NO 2
- 66 437633 LATCH ROW NO 3
- 67 437634 LATCH ROW NO 4

- 68 437636 PLATE LATCH GUIDE
- 69 437692 LATCH RETAINER REAR
- 70 437693 LATCH RETAINER FRONT
- 71 437711 CLAMP OIL WICK
- 72 437712 WICK OIL
- 73 437722 LINK INTERPOSER
- 74 437739 RETAINER INTPSR LINK
- 75 437761 STUD INTERPOSER GUIDE
- 76 441739 INTERPOSER
- A5A 610010 FRAME ASM LATCH INTPSR
- 78 92 SCREW LATCH COMB MTG
- 79 845 SCREW GUIDE BAR MTG LWR
- 81 216537 TAPER PIN LINK GUIDE
- *83 437625 GUIDE LATCH
- 84 437626 COMB LOWER LATCH GUIDE
- *85 437674 FRAME FRT MAG ASM SIDE
- *86 437675 FRAME REAR MAG ASM SIDE
- *87 437695 COMB LATCH GUIDE
- *88 441743 LINK GUIDE
- A5B 610162 INTERPOSER GUIDE ASM
- 90 38235 SCREW
- 91 234977 KOLL PIN
- 92 437637 INTERPOSER GUIDE COMB
- 93 610158 GUIDE INTERPOSER
- 94 610161 BAR INTERPOSER GUIDE

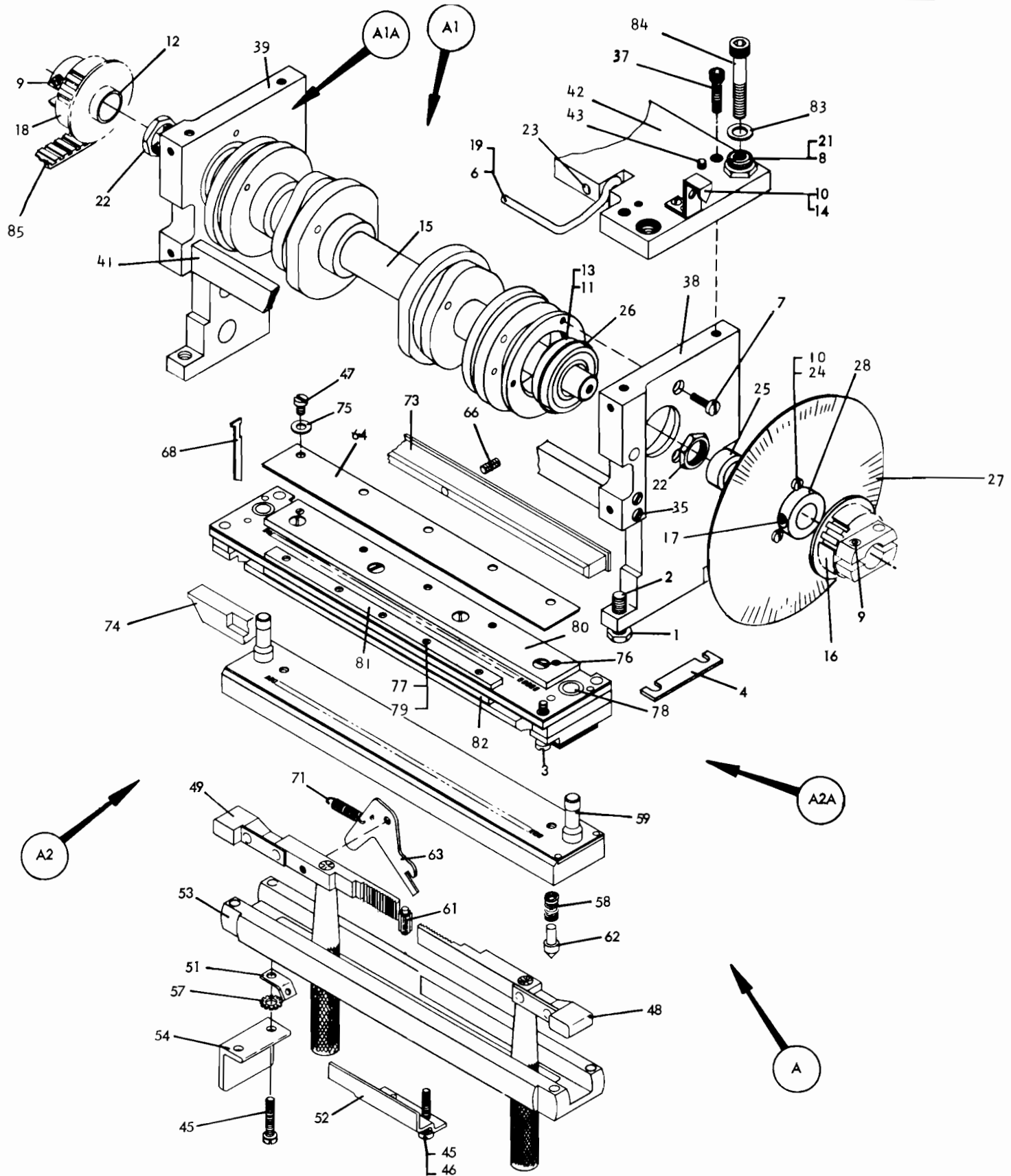
* NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

PUNCH UNIT ASM. I



A	609072	PCH UNIT ASM	A1A	441504	FOLLOWER ASM-REAR	A1D	607157	SIDE FRAME ASM	A1E2	437574	FOLLOWER ASM-FRONT
A1	607042	CAMS & BAILS ASM	49	441712	LINK-BEARING	76	2994	SCREW	104	6935	LOCKWASHER
13	9092	LOCKWASHER	51	601396	ARM-BEARING	77	437746	PIVOT SHAFT-BRG	106	160017	NUT
14	11598	NUT	BALANCE OF PARTS SHOWN UNDER A1B			78	607904	PIN TAPER SFT BRG	107	437690	BEARING
16	23857	SET SCREW	A1B	441505	FOLLOWFR ASM-FRONT	A1E	610008	DRIVE ASM-PUNCH	108	438114	SPACER-INSIDE
18	28413	SCREW	56	6935	LOCKWASHER	81	6935	LOCKWASHER	109	438115	SPACER-OUTSIDE
19	38383	SCREW	57	9092	WASHER	82	23087	SCREW	111	601236	SHAFT
23	109105	CLIP	58	11598	NUT	83	65880	WASHER	112	601394	ARM & BEARING
26	121098	WICK	59	160017	NUT	84	160017	NUT	A1E3	601367	SHAFT ASM-PUNCH
27	122772	WASHER	61	256463	SPACER	86	437576	SPACER	114	437641	PLUG
29	151720	SET SCREW	62	438152	BEARING	87	437686	BAIL	116	438145	GREASE FITTING
31	186759	SCREW	63	438491	SHAFT	88	437690	BEARING	117	441804	SHAFT
32	203524	COLLAR	64	441713	LINK	89	437719	BAIL	PARTS NOT INCLUDED WITH ASSEMBLIES		
33	257956	SET SCREW	66	601395	ARM & BEARING	91	437747	CASTING	121	609147	CHIP GUIDE-PUNCH
34	437667	GUIDE-PUNCH UNIT	67	610058	SHAFT	92	438114	SPACER			
36	438447	GUIDE-PUNCH BAIL	68	610668	BEARING	A1E1	437500	FOLLOWER ASM-REAR			
37	438482	BRACKET	71	601368	SHAFT ASM	94	6935	LOCKWASHER			
38	438488	TUBE-OIL	72	171059	FITTING-GREASE	96	160017	NUT			
39	441509	STUD-LINK PIVOT R				97	437690	BEARING			
40	441510	STUD-LINK PIVOT F				98	438114	SPACER			
42	441566	BAIL-SET UP				99	438115	SPACER			
43	441567	SHAFT-PIVOT				101	601237	SHAFT			
44	441683	SPACER				102	601393	ARM & BEARING			
46	601419	SPACER-BEARING									

PUNCH UNIT ASM. II

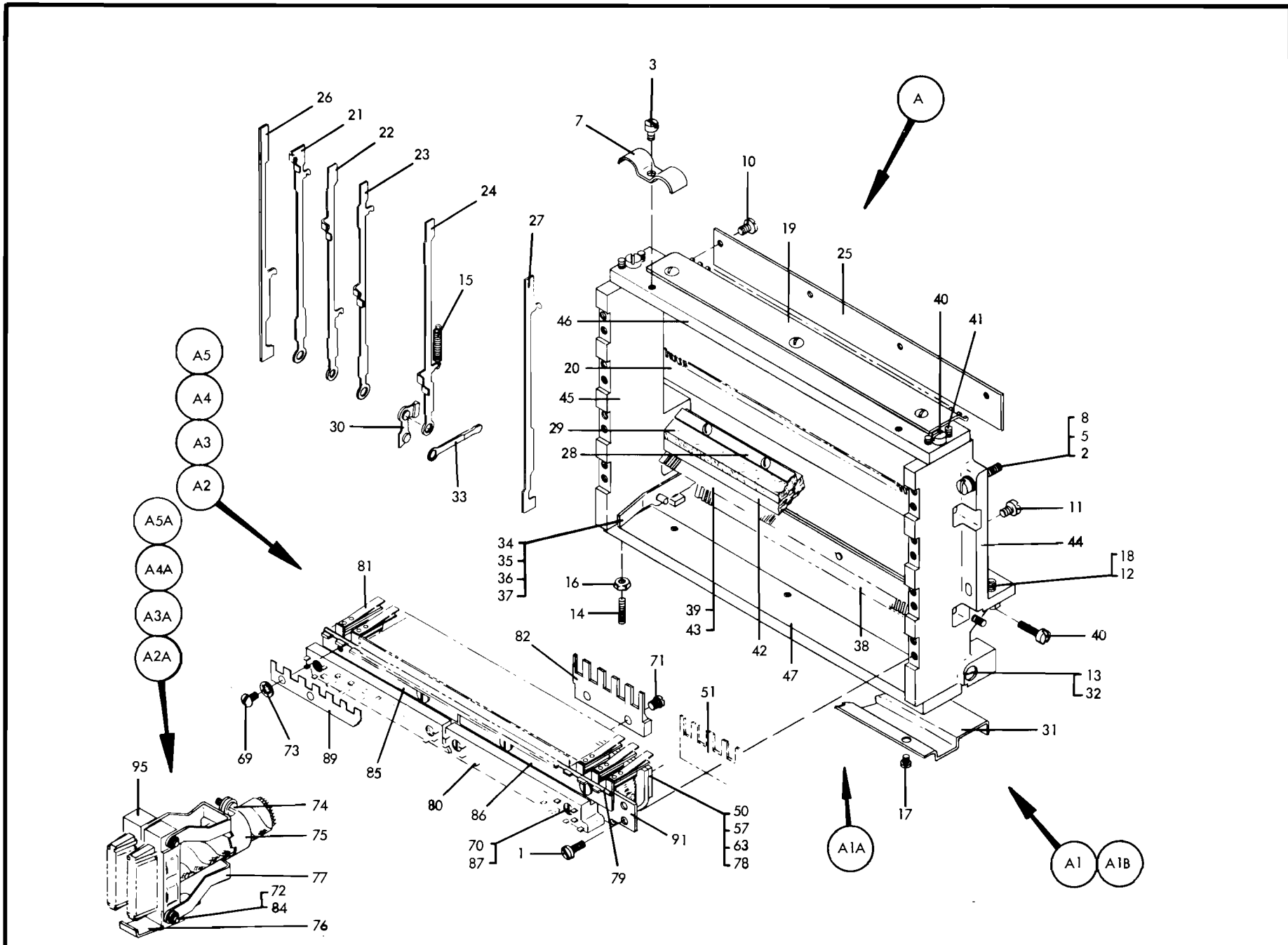


- A 609072 PUNCH UNIT ASM
- 1 6503 NUT ADJ SCR LOCK
- 2 128543 SET SCR PCH UNIT ADJ
- 3 133742 SCREW STRIPPER ASM MTG
- 4 437964 SHIM DIE UNIT
- A1 607042 CAMS + BAIL ASM
- 6 11587 PIN PUNCH UN HANDLE
- 7 52607 SCREW BRG RETAINER
- 8 70950 NUT BUSHING ADJ
- 9 129654 SCREW PULLEY LOCKING
- 10 38261 SCREW POINTER NTG
- 11 204326 BEARING CAM SHAFT
- 12 437531 SPACER
- 13 437682 RETAINER BEARING
- 14 610166 POINTER TIMER
- 15 607045 CAM PUNCH
- 16 607151 PULLEY-CB DRIVE
- 17 257969 SET SCREW
- 18 607159 PULLEY ASM DRIVE
- 19 607474 HANDLE PUNCH UNIT
- 21 607770 BUSHING ADJUSTING
- 22 608029 NUT CAM SHAFT BRG
- 23 257974 SCREW HANDLE SET
- 24 257985 WASHER INDEX DIAL

- 25 470241 SPACER INDEX DIAL HUB
- 26 600576 O RING BEARIND RET
- 27 610165 DIAL INDEX
- 28 610164 HUB INDEX DIAL
- A1A 607157 SIDE FRAME ASM PCH UNIT
- 35 1500 SCREW SPACER BAR MTG
- 37 104763 SCREW TOP PLATE MTG
- 38 437623 FRAME FRONT SIDE
- 39 437624 FRAME REAR SIDE
- 41 437716 TIE BAR SIDE FRAME
- 42 607158 PLATE TOP MTG
- 43 122856 TAPER PIN TOP PLATE MTG
- A2 437601 DIE STRIPPER ASM
- 45 2384 SCREW BLOCK DIE REINF
- 46 6318 LWASHER DIE PLATE REINF
- 47 42026 SCREW PUNCH STOP SPRING
- 48 112537 RACK FRONT
- 49 112538 RACK REAR
- 51 112542 ANCHOR SPRING
- 52 112611 COVER ASM RACK
- 53 112613 BLOCK DIE PLATE REINF
- 54 133686 PLATE DIE ADJ ANGLE
- 57 139450 WASHER DIE ADJ ANGLE
- 58 141492 SPRING RELEASE PIN
- 59 151908 STUD DIE GUIDE

- 61 151911 PINION RACK
- 62 151914 PIN RELEASE
- 63 175169 INTERPOSER ASM
- 64 437683 STOP PUNCH
- 66 251990 SCREW GREASE RET
- 68 600963 PUNCH
- 71 602174 SPRING INTERPOSER
- 73 610168 GREASE RETAINER
- 74 610171 GREASE RETAINER
- 75 1090873 LWASHER PUNCH STOP SPRING
- A2A 437696 STRIPPER ASM GUIDE
- 76 25625 SCEW PUNCH SPRING STOP
- 77 60646 L WASHER STIFFENER MTG
- 78 151907 BUSHING DIE GUIDE
- 79 186758 SCREW STIFFENER MTG
- 80 437684 SPACER PUNCH STOP
- 81 437698 STIFFENER PUNCH GUIDE
- 82 441745 STIFFENER GUIDE PLATE
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 83 130435 WASHER PUNCH UNIT MTG
- 84 186934 SCREW PUNCH UNIT MTG
- 85 607578 BELT TIMING

PUNCH UNIT ASM. III



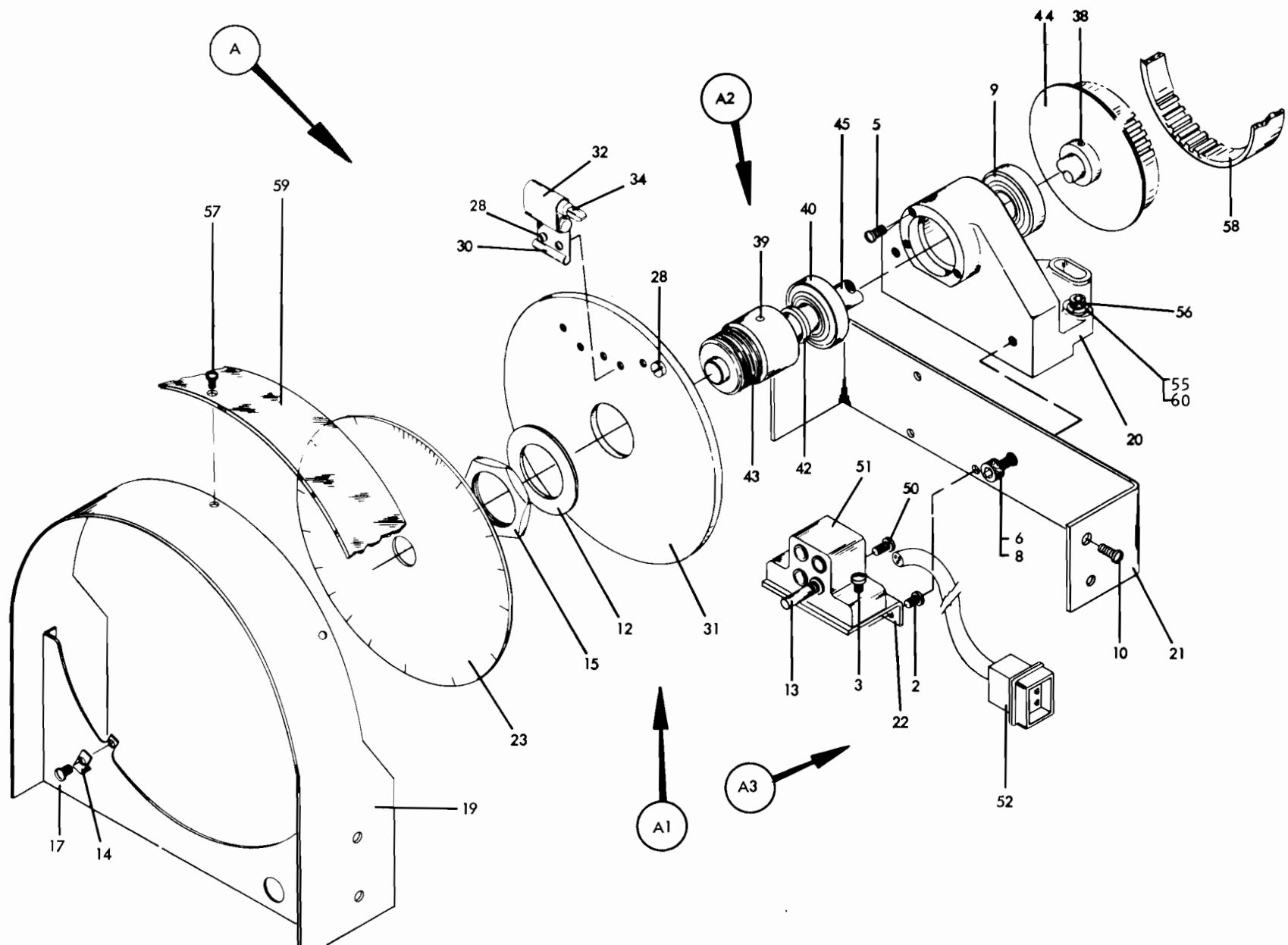
A 609072 PUNCH UNIT ASM

- 1 337 SCREW MAGNET ASM ATTACH
- 2 641 SCREW LAT + INT ATTACH
- 3 2629 SCREW CABLE CLAMP MTG
- 5 24511 WASHER LAT + INTPR MTG
- 7 437590 CLAMP CABLE
- 8 1090873 LWASHER
- A1 437604 LATCH INTERPOSER ASM
- 10 92 SCREW LATCH GUIDE
- 11 2300 SCREW INT SPG ANCHOR MTG
- 12 6503 LOCK NUT ADJ SCREW
- 13 9092 LWSHR INTERPOSER GUIDE
- 14 16076 SCREW LINK GD ADJ
- 15 26513 SPRING LATCH
- 16 27073 LOCKNUT LINK GUIDE ADJ
- 17 38364 SCR INTPSR LINK RET MTG
- 18 128172 SCREW ADJUSTING
- 19 437627 PLATE UPPER LATCH SPRING
- 20 437628 PLATE LOWER LATCH SPRING
- 21 437631 LATCH ROW NO 1
- 22 437632 LATCH ROW NO 2
- 23 437633 LATCH ROW NO 3
- 24 437634 LATCH ROW NO 4
- 25 437636 PLATE LATCH GUIDE
- 26 437692 LATCH RETAINER REAR
- 27 437693 LATCH RETAINER FRONT
- 28 437711 CLAMP OIL WICK
- 29 437712 WICK OIL
- 30 437722 LINK INTERPOSER
- 31 437739 RETAINER INTPSR LINK
- 32 437761 STUD INTERPOSER GUIDE
- 33 441739 INTERPOSER

- A1A 441515 COMB ASM
- 34 10170 SCREW
- 35 22111 TAPER PIN
- 36 257986 WASHER
- 37 437622 BRACKET
- 38 437637 COMB
- A1B 610010 FRAME ASM LATCH INTPSR
- 39 92 SCREW LATCH COMB MTG
- 40 845 SCREW GUIDE BAR MTG LWR
- 41 216537 TAPER PIN LAT GD COMB
- * 42 437625 GUIDE LATCH
- 43 437626 COMB LOWER LATCH GUIDE
- 44 437674 FRAME FRT MAG ASM SIDE
- 45 437675 FRAME REAR MAG ASM SIDE
- * 46 437695 COMB LATCH GUIDE
- * 47 441743 LINK GUIDE
- A2 609068 MAGNET ASM ROW 1
- 50 437610 YOKE + CORE ASM
- 51 441751 GUIDE-ARMATURE
- BALANCE OF PARTS SHOWN UNDER A5
- A2A 607006 CABLE ASM-PUNCH MAG
- A3 609069 MAGNET ASM ROW 2
- 57 437611 YOKE + CORE ASM
- BALANCE OF PARTS SHOWN UNDER A5
- A3A 607006 CABLE ASM-PUNCH MAG
- A4 609070 MAGNET ASM ROW 3
- 63 437612 YOKE + CORE ASM
- BALANCE OF PARTS SHOWN UNDER A5

- A4A 607005 CABLE ASM PUNCH MAG
 - A5 609071 MAGNET ASM ROW 4
 - 69 92 SCREW-ARM PIVOT
 - 70 2629 SCREW-CONT MOULDING
 - 71 23787 SCREW-ARM GDE MTG
 - 72 92524 CLIP-CONN STUD
 - 73 163899 L WASHER-MAGNET
 - 74 221790 SCREW-CONN CABLE
 - 75 257237 CABLE CLAMP-CONN CABLE
 - 76 257240 CLIP-CONN LOCKING
 - 77 257242 SUPPORT-CONN CLAMP
 - 78 437613 YOKE + CORE ASM
 - 79 437615 ROD ASR PIVOT
 - 80 437619 MOULDING ASM
 - 81 437678 ARMATURE ASM
 - 82 437725 GUIDE-ARMATURE
 - 84 441661 STUD-CONNECTOR
 - 85 441767 PIVOT-ARMATURE
 - 86 441768 GUIDE-ARMATURE
 - 87 442124 WSHR-CONT MOULDING
 - 89 601401 RETAINER-ARM PIVOT
 - 91 609067 COIL ASM-PUNCH MAG
 - A5A 607005 CABLE ASM-PUNCH MAG
 - 95 257244 CONNECTOR MINIATURE
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

DYNAMIC TIMER ASM. (P. F.)

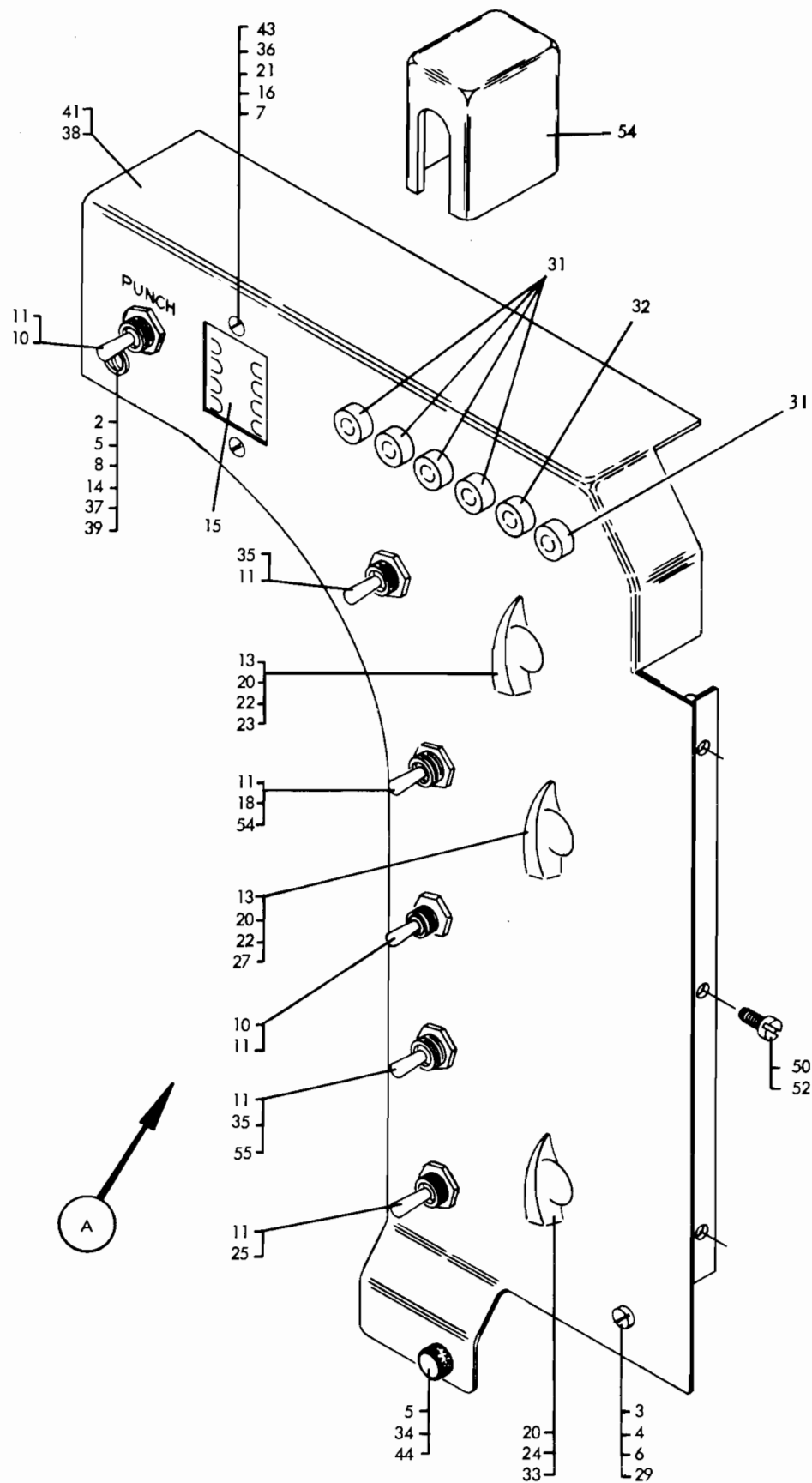


- A 609042 DYNAMIC TIMER ASM PUNCH
- 2 2300 SCREW-BRKT BRUSH HLDR
- 3 2994 SCREW-BRUSH HLDR
- 5 38235 SCREW-BRG RET
- 6 45690 WASHER-TIMER
- 8 104763 SCREW-TIMER
- 9 156231 BEARING-TIMER
- 10 345815 SCREW TIMER
- 12 205086 WASHER-DISC MTG
- 13 205773 BRUSH-TIMER
- 14 256221 BRACKET-DIAL MTG
- 15 257213 NUT DISC MTG
- 17 251970 SCREW DIAL MTG
- 19 607548 HOUSING-TIMER
- 20 609044 SUPPORT CASTING DYN TIM
- 21 609045 BRACKET-DYN TIMER
- 22 609046 BRACKET-BRUSH HLDR
- 23 609050 DIAL-DYN TIMER

- A1 607105 DISC ASM
- 28 75983 SCREW 5/40
- 30 205094 LIGHT HLDR
- 31 205097 DISC ASM
- 32 205876 SHIELD TIMER LIGHT BULB
- 34 610188 NEON LAMP TYP 2U 1/4WATT
- A2 609047 SHAFT-TIMER DRIVE
- 38 34 TAPER PIN-DYN TIMER SFT
- 39 29930 TAPER PIN-HUB MTG
- 40 156231 BEARING-DYN TIMER SFT
- 42 225599 SPACER-DYN TIMER SFT
- *43 256220 HUB DISC MTG
- *44 609027 PULLEY ASM-DYN TIMER SFT
- *45 609048 SHAFT-DYN TIMER

- A3 609688 HOLDER AND CABLE ASM
- 50 4473 SCREW HEX HD
- 51 206430 BRUSH HOLDER ASM
- 52 609689 CABLE ASM
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 55 9092 LWASHER CLU CB MTG
- 56 129654 SCREW PCH TIMER MTG
- 57 221790 SCREW DYN TIMER SHLD MTG
- 58 609058 BELT TIMER DRIVE
- 59 609565 SHIELD DYN TIMER PUN
- 60 45690 WASHER TIMER MTG
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

C. E. AID PANEL ASM.

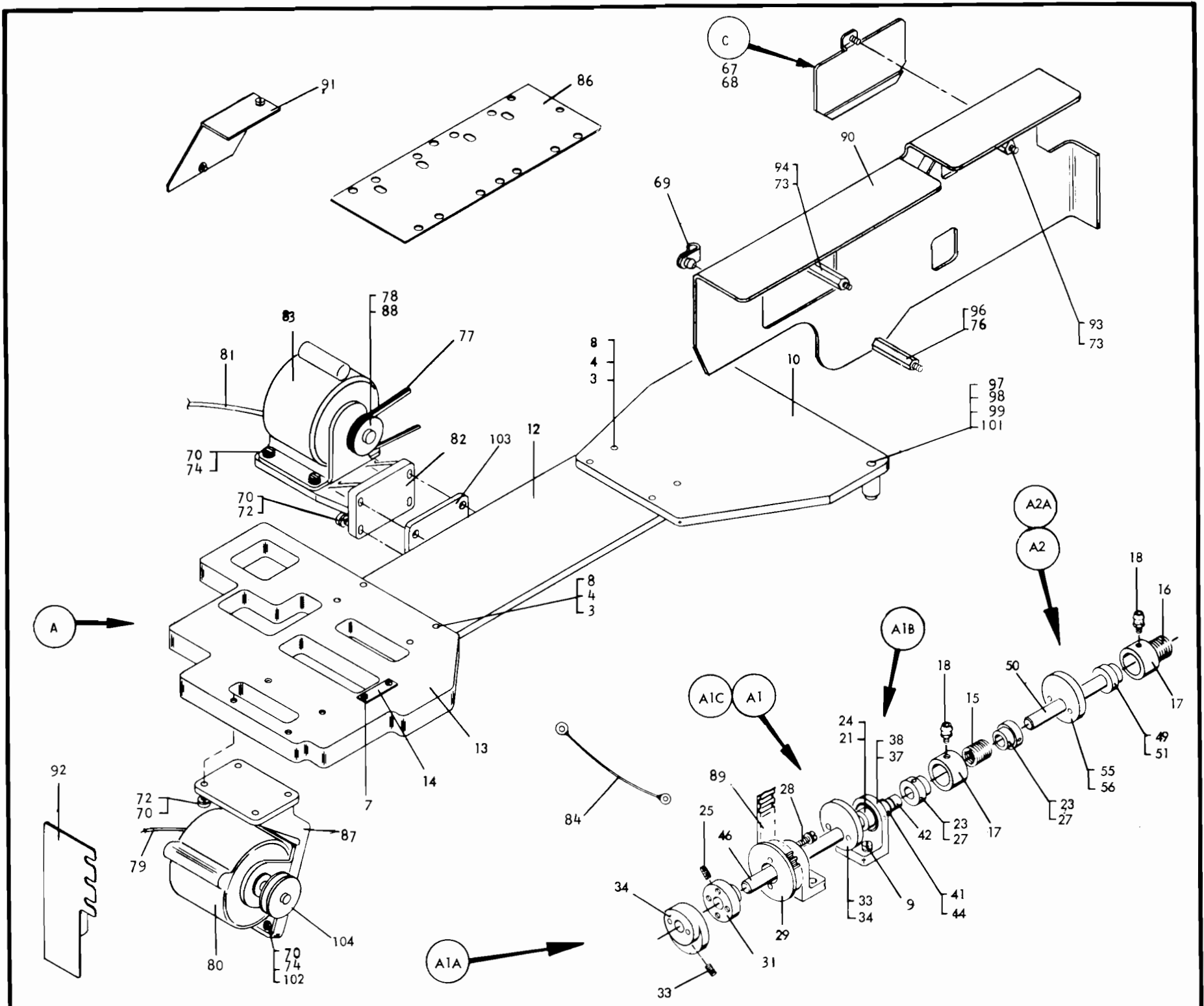


- A 609345 CE AID PANEL ASM
USED ON 1402-1 ONLY
- A 614133 CE AID PANEL ASM
USED ON 1402-2 ONLY
- A 610555 CE AID PANEL ASM
USED ON 1402-3 ONLY
- A 614361 CE AID PANEL ASM
USED ON 1402-4 5 ONLY
- 2 2994 SCREW BUMPER
- 3 11598 NUT GRD JUMPER
- 4 28413 SCREW GRD JUMPER
- 5 45690 WASHER PNL MTG SCR
- 6 56079 LWSHR GRD JUMPER
- 7 62031 LWASHER SHIELD
- 8 78916 BUMPER CE AID PNL
- 10 128455 SWITCH CE AID
- 11 159373 LWASHER SW MTG
- 13 220032 NUT SW MTG
- 14 236849 SCREW STOP MTG

- 15 237322 TERMINAL BLOCK ASM
- 16 257187 NUT TERM BLK MTG
- 18 309749 SWITCH CE AID
- 20 317173 KNOB SWITCH
- 21 322552 SCREW TERM BLK
- 22 322572 LWASHER SW MTG
- 23 334728 SWITCH CE AID
- 24 335994 SWITCH CE AID
USED ON 1402-2 ONLY
- 25 340517 SWITCH CE AID
- 27 610556 SWITCH C E AID
USED ON 1402-1, 2, -4 + 5
- 27 610411 SWITCH CE AID
USED ON 1402-3 ONLY
- 29 597216 JUMPER ASM GRD
- 31 602627 CONNECTOR CE AID
- 32 602628 CONNECTOR CE AID
- 33 602654 SWITCH-CE AID
USED ON 1402-1, 3, -4 + 5

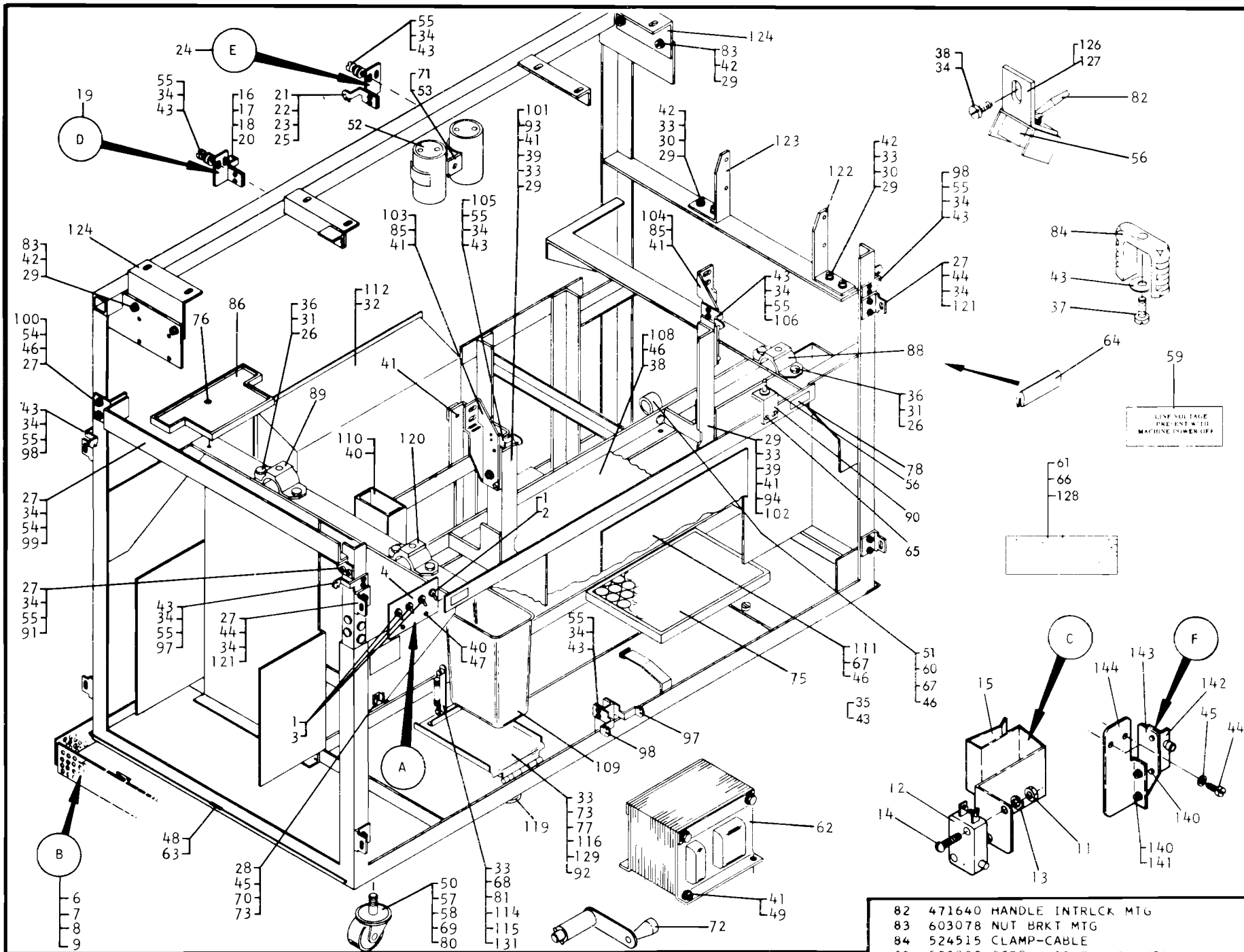
- 34 602923 SCREW PANEL FASTEN
- 35 608279 SWITCH CE AID
- 36 620561 SHIELD
- 37 609140 INSULATOR BUMPER STUD
- 38 609343 PANEL-CE AID
USED ON 1402-1, 4 + 5 ONLY
- 38 610553 PANEL CE AID
USED ON 1402-3 ONLY
- 38 614131 PANEL CE AID
USED ON 1402-2 ONLY
- 39 609491 STUD-STOP
- 43 1074145 SPACER SHIELD
- 44 1092125 CLIP SCREW
PARTS NOT INCLUDED WITH ASSEMBLIES
- 50 251970 SCREW CE AID PNL .110
- 52 338169 LOCKWASHER
- 54 607268 COVER TIMER SWITCH
- 55 507575 RESISTOR ASM 3K C E AID
USED ON 1402-2 ONLY

BASE & FRAME ASM. I



A	609030	BASE ASM	A1C	609561	SHAFT ASM JOGGLER	81	601925	MOTOR CORD ASM
3	3550	WASHER-TIE PLATE MTG	41	30145	PIN JOGGLER SHAFT			USED ON 1402-1, 2,-4 + 5 ONLY
4	6935	LWASHER-TIE PLATE MTG	*42	98127	BUSHING-JOGGLER SHAFT	81	610579	MOTOR CORD ASM
7	10170	SCREW-CHIP GUIDE RET	44	491796	COLLAR-JOGGLER SHAFT			USED ON 1402-3 ONLY
8	19852	SCREW-TIE PLATE MTG	46	609430	SHAFT-JOGGLER	82	602304	MOTOR BASE
9	234332	SCREW STACKER DR MTG	A2	609567	SHAFT ASM CARD PUSHER	83	602346	MOTOR READER DRIVE
10	602307	FEED BASE-READER	49	121521	SET SCREW			USED ON 1402-1, 2,-4 + 5 ONLY
12	609033	TIE PLATE-BASE	50	333283	SHAFT	83	610547	MOTOR READ FEED
13	609035	FEED BASE-PUNCH	51	442823	HUB PUSHER			USED ON 1402-3 ONLY
14	609146	RETAINER-CHIP GUIDE	A2A	603525	CAM ASM JOGGLER	84	602419	JUMPER ASM RD MOT GRD
15	609558	SPRING STACKER CLUTCH	55	257975	SET SCREW CAM MTG	86	602967	GASKET VIBRATION DAMPING
16	609559	SPRING STACKER CLUTCH	56	603546	CAM ASM MOLDED	87	609032	SUPPORT MOTOR MTG
17	609562	SLEEVE STKR SPR CLU	C	610325	ACCESS SHIELD ASM	88	609138	PULLEY-ADJUSTABLE
18	609569	FITTING GREASE	67	609080	SCREW PANEL MTG	89	602643	BELT-STKR DRIVE
A1	609434	SHAFT ASM STACKER	68	1092125	CLIP PANEL MTG	90	610324	MAIN DRIVE SHIELD ASM
21	123639	SET SCREW COLLAR	70	3550	WASHER-MOTOR MTG	91	610312	SHIELD ACCESS
23	121521	SET SCREW-JOGGLER	71	36112	SCREW MOTOR BASE			USED ON 1402-2 ONLY
24	9299	COLLAR SHAFT RET			USED ON 1402-4 5 ONLY	92	610323	PUNCH BELT GUARD
25	257975	SET SCREW-COLLAR MTG	72	19852	SCREW-MOTOR BASE	93	610326	STUD MAIN DR SHIELD MTG
27	442823	HUB JOGGLER	73	32042	SCREW MAIN DR SHIELD MTG	94	610327	STUD MAIN DR SHLD MTG
28	322551	SCREW PULL MTG	74	36844	SCREW-MOTOR MTG	96	610328	STUD MAIN DR SHLD MTG
29	602296	PULLEY STKR DRIVE	75	55901	LWSHR RD MOT GRD	97	59682	SCREW UPR BASE MTG
31	602644	COLLAR-CAM MTG	76	140425	SCREW MAIN DR SHIELD MTG	98	130987	LWASHER UPR BASE MTG
32	603546	CAM JOGGLER	77	227398	BELT-READER DRIVE	99	130985	WASHER UPR BASE MTG
A1A	603525	CAM ASM JOGGLER			USED ON 1402-1, 2 + 3	101	186950	NUT UPR BASE MTG
33	257975	SET SCREW CAM MTG	77	614358	BELT TRANS DRIVE RD	102	613267	NUT BAR MTR MTG
34	603546	CAM ASM MOLDED			USED ON 1402-4 5	103	614409	PLATE MOTOR SPACING
A1B	602472	BRACKET-SUPPORT	78	336696	SET SCREW			USED ON 1402-4 5 ONLY
*37	156364	BRG STACKER SHAFT	79	597218	JUMPER MOTOR GRD PUNCH	104	613762	PULLEY ADJUSTABLE PITCH
*38	602473	BRKT-STACKER SH MTG	80	601930	MOTOR PCH FD			USED ON 1402-1, 2 + 3 ONLY
					USED ON 1402-1, 2,-4 + 5			USED ON 1402-4 5 ONLY
			80	610548	MOTOR PUNCH FEED			* NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT
					USED ON 1402-3 ONLY			

BASE & FRAME ASM. II

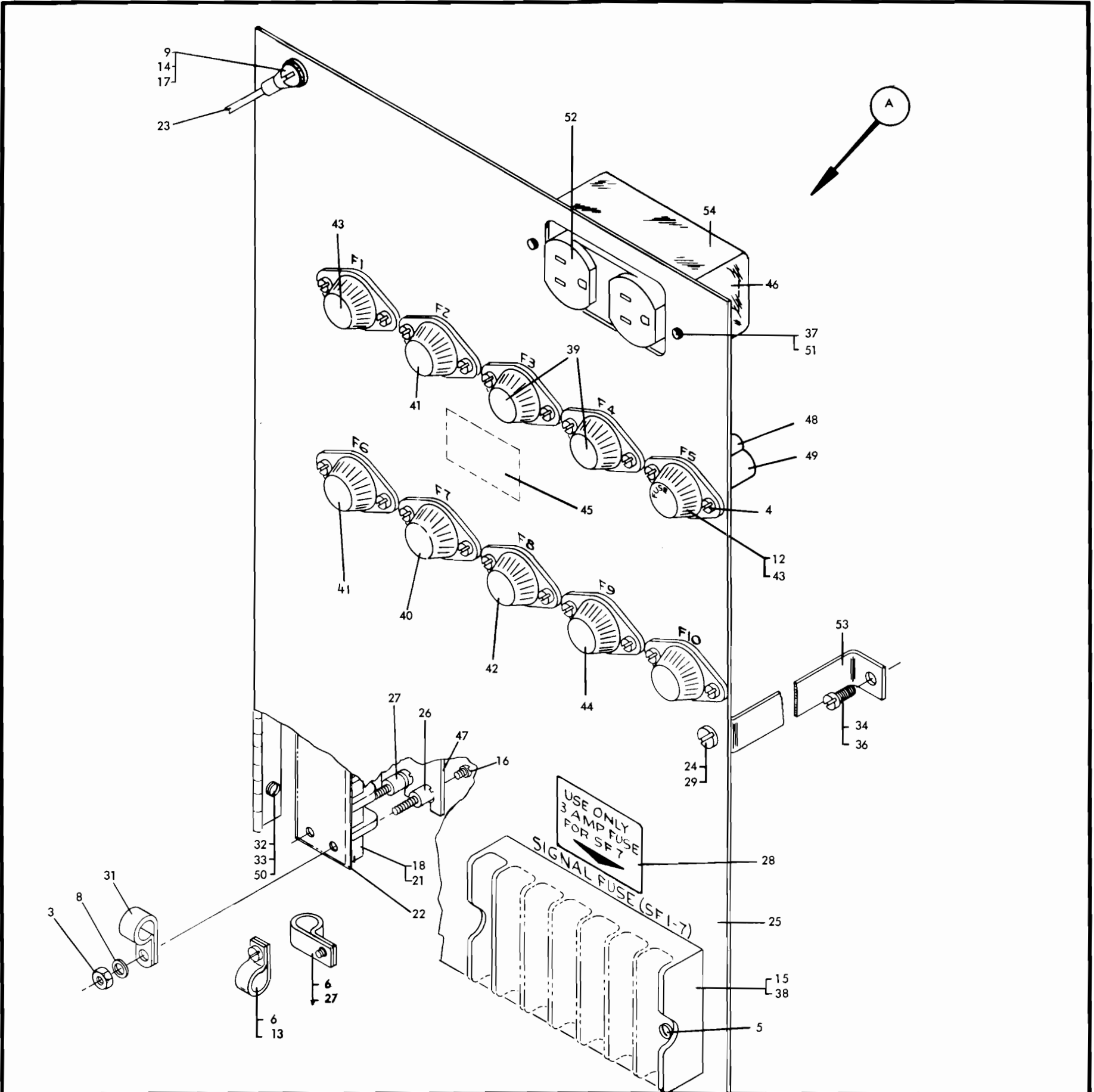


- A 609379 COMP ASM TOG SW BRKT
- 1 159373 L WASHER-SW MTG
- 2 340517 SWITCH TOGGLE
- 3 608279 SWITCH TOGGLE
- 4 609377 BRACKET-SW MTG
- B 609444 KICKSTRIP GROUP
- 5 509772 SCREW-KICKSTRIPS
- 7 602536 KICKSTRIP A FRONT
- 8 609325 KICKSTRIP ASM L RT END
- 9 609599 KICKSTRIP ASM REAR
- C 609158 SWITCH ASM COVER INTERLCK
- 11 37913 NUT SWITCH MTG
- 12 228093 SWITCH COVER INTERLOCK
- 13 257984 LWASHR SWITCH MTG
- 14 438551 SCREW SWITCH MTG
- 15 609157 BRACKET INTRLCK MTG
- D 609791 STRIKE ASM R H
- 16 9092 LWASHR STRIKE MTG
- 17 45690 WASHER STRIKE MTG
- 18 120211 SCREW STRIKE MTG
- 19 609282 BRACKET REAR STRIKE
- 20 609283 STRIKE TOP REAR
- E 609792 STRIKE ASM L H
- 21 9092 LWASHR STRIKE MTG
- 22 45690 WASHER STRIKE MTG
- 23 120211 SCREW STRIKE MTG
- 24 609277 BRACKET CENTER STR
- 25 609284 STRIKE TOP REAR
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 26 453 WASHER-SHOCK MTG
- 27 1940 WASHER-BRKT MTG
- 28 2031 SCREW-CLIP MTG
- 29 3550 WASHER BRKT MTG
- 30 3960 NUT BRKT MTG
- 31 4553 SCREW-SHOCK MTG
- 32 5528 SCREW CON PAN MTG
- 33 6935 LWASHER BRKT MTG
- 34 9092 LWASHER BRKT MTG
- 35 28413 SCREW
- 36 10309 LWASHR SHOCK MT
- 37 25891 SCREW CABLE CLAMP CONN
- 38 32042 SCREW-TOP MTG
- 39 36844 SCREW SUPP MTG

- 40 38235 SCREW CHIP GUIDE
- 41 38686 SCREW BRKT MTG
- 42 38688 SCREW BRACKET MTG
- 43 45690 WASHER
- 44 55711 SCREW SUPP MTG
- 45 55901 L WASHER
- 46 56079 LWASHER-TOP MTG
- 47 56722 LWASHER
- 48 72670 SCREW CLIP MTG
- 49 76574 LWASHER-TRANSFORMER MTG
- 50 76846 NUT CASTER MTG
- 51 11598 NUT CLAMP MTG USED ON 1402-3 ONLY
- 52 228626 CAPACITOR USED ON 1402 3 ONLY
- 53 234328 SCREW CAP MTG USED ON 1402-3 ONLY
- 54 101706 SCREW-BRKT MTG
- 55 120211 SCREW-BRACKET MTG
- 56 128455 SWITCH OVERRIDE
- 57 130985 WASHER CASTER MTG
- 58 130987 LWASHER CASTER MTG
- 59 138755 DECAL
- 60 252531 CLAMP CABLE USED ON 14 2-3 ONLY
- 61 609776 DECAL RD SYNC USED ON 1402-3,-4 +-5
- 62 209000 TRANSFORMER ISOLATION 1402-1 ONLY
- 62 723371 TRANSFORMER ISOLATION USED ON 1402-1, 4 + 5
- 62 2132440 TRANSFORMER STEP DOWN USED ON 50 CYCLE MACHINES
- 63 211572 CLIP COVER MTG
- 64 223528 GASKET
- 65 234331 SCREW SYNC SW
- 66 610108 DECAL IDENTIFICATION
- 67 236849 SCREW ACCESS DOOR
- 68 238364 SWITCH CHIP BOX UPPER
- 69 255522 INSULATOR STUD COV LEFT
- 70 255639 CLIP-CRANK RETAINING
- 71 610551 CLAMP CAPACITOR USED ON 1402-3
- 72 256213 CRANK ASM PCH FD
- 73 257189 NUT
- 75 300787 AIR FILTER
- 76 322065 SCREW GAGE CONTR MTG
- 77 325626 SCREW PLATFORM MTG
- 78 369207 DECAL
- 80 436926 CASTER
- 81 438553 SCREW SWITCH MTG

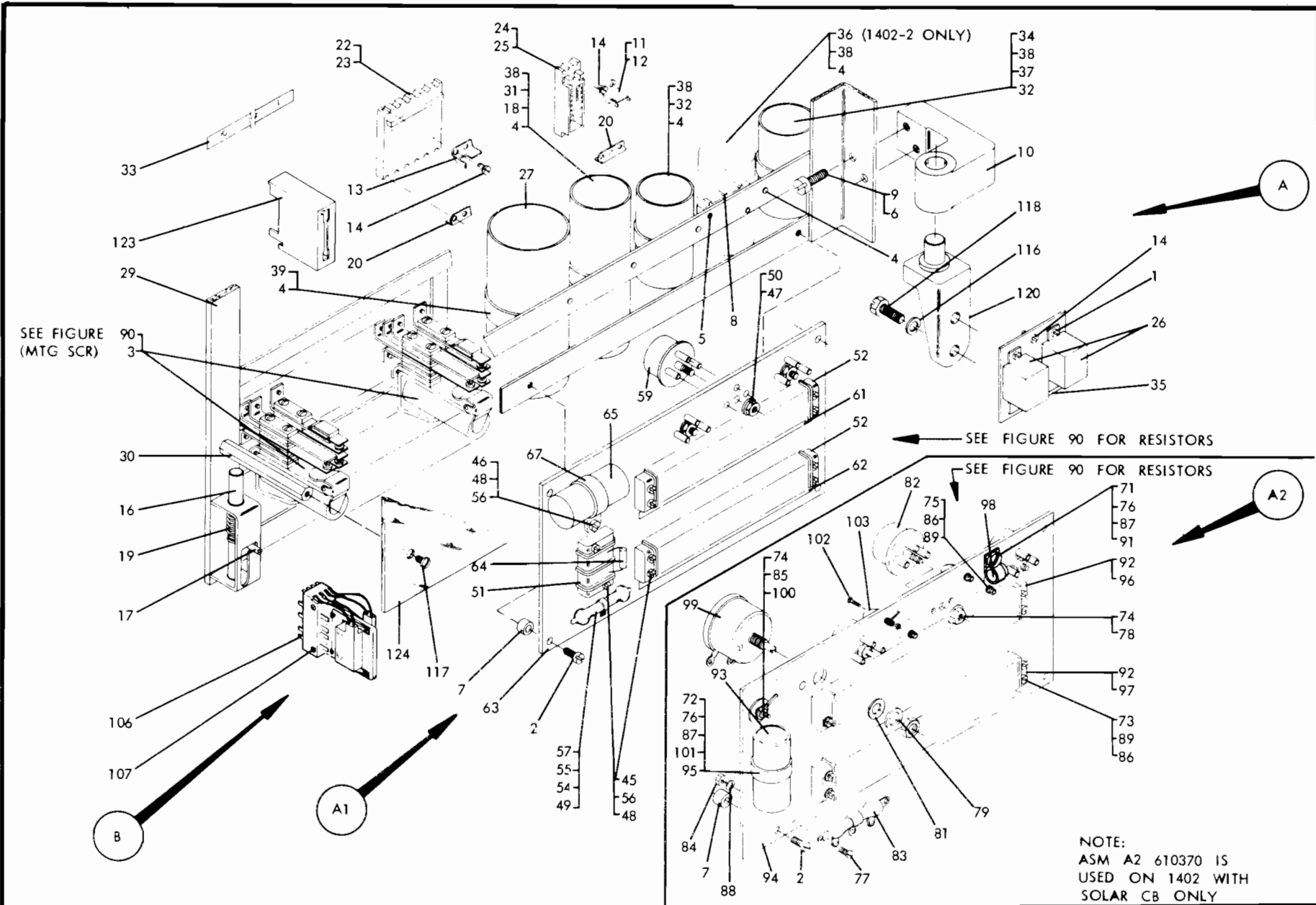
- 82 471640 HANDLE INTRLCK MTG
- 83 603078 NUT BRKT MTG
- 84 524515 CLAMP-CABLE
- 85 528002 SCREW-LIGHT + SW MTG
- 86 607399 GAGE CONTAINER
- 88 609010 SHOCK MOUNT BASE MTG
- 89 609031 SHOCK MOUNT PUNCH BASE
- 90 609188 BRKT SYNC SW
- 91 609194 BRACKET-HOPPER COVER SUP
- 92 609181 SWITCH CHTP BOX
- 93 609273 BRACKET-POCKET LINER L
- 94 609274 BRACKET-POCKET LINER
- 97 609283 STRIKE REAR BOTTOM
- 98 609284 STRIKE LEFT SIDE REAR
- 99 609291 SUPPORT L FD COVER
- 100 609303 BRACKET-FD CVR SUPP
- 101 609305 PIVOT BRACKET ASM LEFT
- 102 609306 PIVOT BRKT ASM-RIGHT
- 103 609313 BRACKET-CSTG MTG
- 104 609314 BRACKET-CSTG MTG
- 105 609318 STRIKE-CVR
- 106 609319 STRIKE CVR
- 108 609371 TOP RELAY GATE
- 109 609372 CHIP BOX
- 110 609373 CHIP GUIDE
- 111 609382 DOOR ACCESS
- 112 609385 PAN CONNECTOR
- 114 609450 SPRING CHIP BOX
- 115 609451 STUD SPRING RETAIN
- 116 609452 PLATFORM CHIP BOX
- 119 609578 CONNECTOR-CABLE
- 120 609596 SHOCK MOUNT PUNCH BASE
- 121 609665 SUPPORT R FRONT CVR
- 122 609672 BRACKET CVR CASTINGS
- 123 609673 BRACKET CVR CASTINGS
- 124 609674 BRACKET TOP CVR MTG
- 126 609621 DECAL OVERRIDE SW
- 127 615381 BRKT INTRLCK MTG
- 128 615394 DECAL IDENTIFICATION
- 129 802555 EYE SCREW
- 131 804211 INSULATOR SW MTG
- F 609681 INTERLOCK SWITCH ASM
- 140 38235 SCREW MTG
- 141 56722 LWASHER
- 142 609185 SWITCH INTERLOCK
- 143 609187 BRACKET SWITCH
- 144 609199 BRACKET

FUSE PANEL ASM.



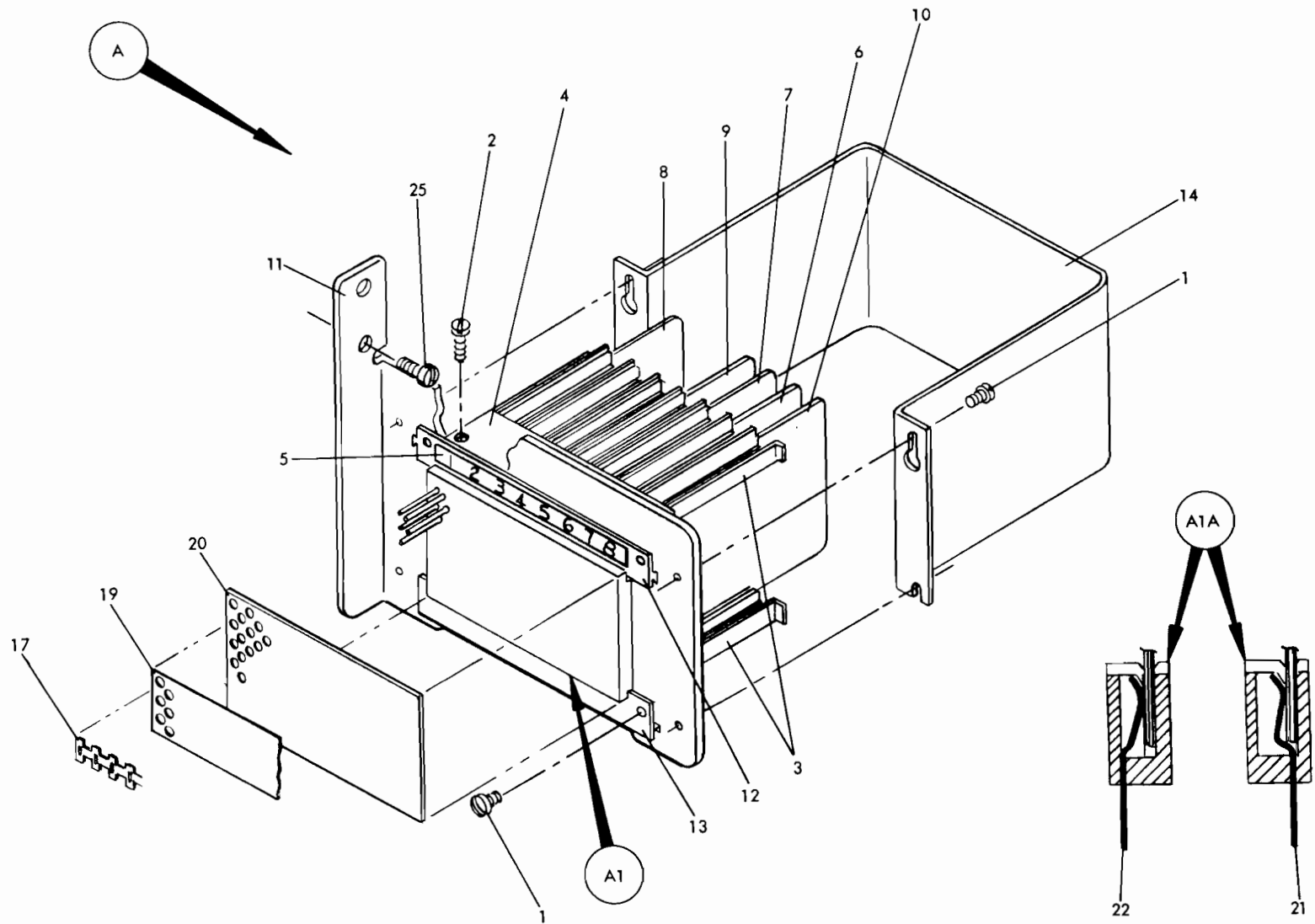
A	609334 FUSE PANEL ASM USED ON 1402-1 ONLY	17	257189 NUT JUMPER MTG	37	56722 LWASHER CONV OUTLET
A	614002 FUSE PANEL ASM USED ON 1402-2 ONLY	18	237820 JUMPER ASM	38	104909 FUSE 5 AMP SIG
A	614352 FUSE PANEL ASM USED ON 1402-4 5 ONLY	21	315956 TERMINAL BLK-FUSE PNL	38	253675 FUSE 3 A SIGNAL
A	904812 FUSE PANEL ASM USED ON 50 CYCLE MACHINES ONLY	22	315957 INSULATOR-TERM BLK	39	107664 FUSE 3, 4-3.2 AMP
3	11598 NUT CABLE CLAMP	23	550990 JUMPER ASM	40	121924 FUSE 7-12 AMP
4	24752 SCREW FUSE HLDR MTG	24	609080 SCREW PANEL MTG	41	107666 FUSE 2-5 AMP USED ON 1402-1 2 ONLY
5	38368 SCREW TERM BLK MTG	25	609332 PANEL ASM-FUSE	42	107668 FUSE 8-8 AMP
6	38380 SCREW CLAMP MTG USED ON 1402-2 ONLY	26	610318 STUD SAFETY CVR	43	107669 FUSE 1.5-10 AMP
8	45690 WASHER CABLE CLAMP USED ON 1402-1, 4 + 5 ONLY	27	610320 STUD SAFETY CVR USED ON 1402-1, 4 + 5 ONLY	44	107799 FUSE 6, 9-1 AMP
9	55901 LOCKWASHER JUMPER MTG	28	610343 DECAL USED ON 1402-1, 4 + 5	45	138755 DECAL
12	104615 FUSE HOLDER	29	1092125 CLIP-SCREW RET	46	138754 DECAL
13	167338 CLAMP CABLE USED ON 1402-2 ONLY	31	2114108 CLAMP CABLE PARTS NOT INCLUDED WITH ASSEMBLIES	47	188696 COVER FUSE PANEL
14	186759 SCREW JUMPER MTG	32	6364 LWASHER-FUSE PNL MTG	48	257079 INSULATION-FUSE HLDR
15	206554 TERMINAL BLK-FUSE PNL	33	38235 SCREW FUSE PANEL MTG	49	257080 INSULATOR-FUSE HLDR
16	210984 SCREW TERM BLK CVR USED ON 1402-1, 4 + 5 ONLY	34	38380 SCREW FUSE PNL BRKT MTG	50	257187 NUT FUSE PNL MTG
		36	56079 LWASHER FUSE PNL BRKT MT	51	322550 SCREW CONV OUTLET MTG
				52	357995 CONVENIENCE OUTLET
				53	609339 BRACKET FUSE PNL MTG
				54	610060 COVER CONVENIENCE OUTLET

RELAY GATE ASM.



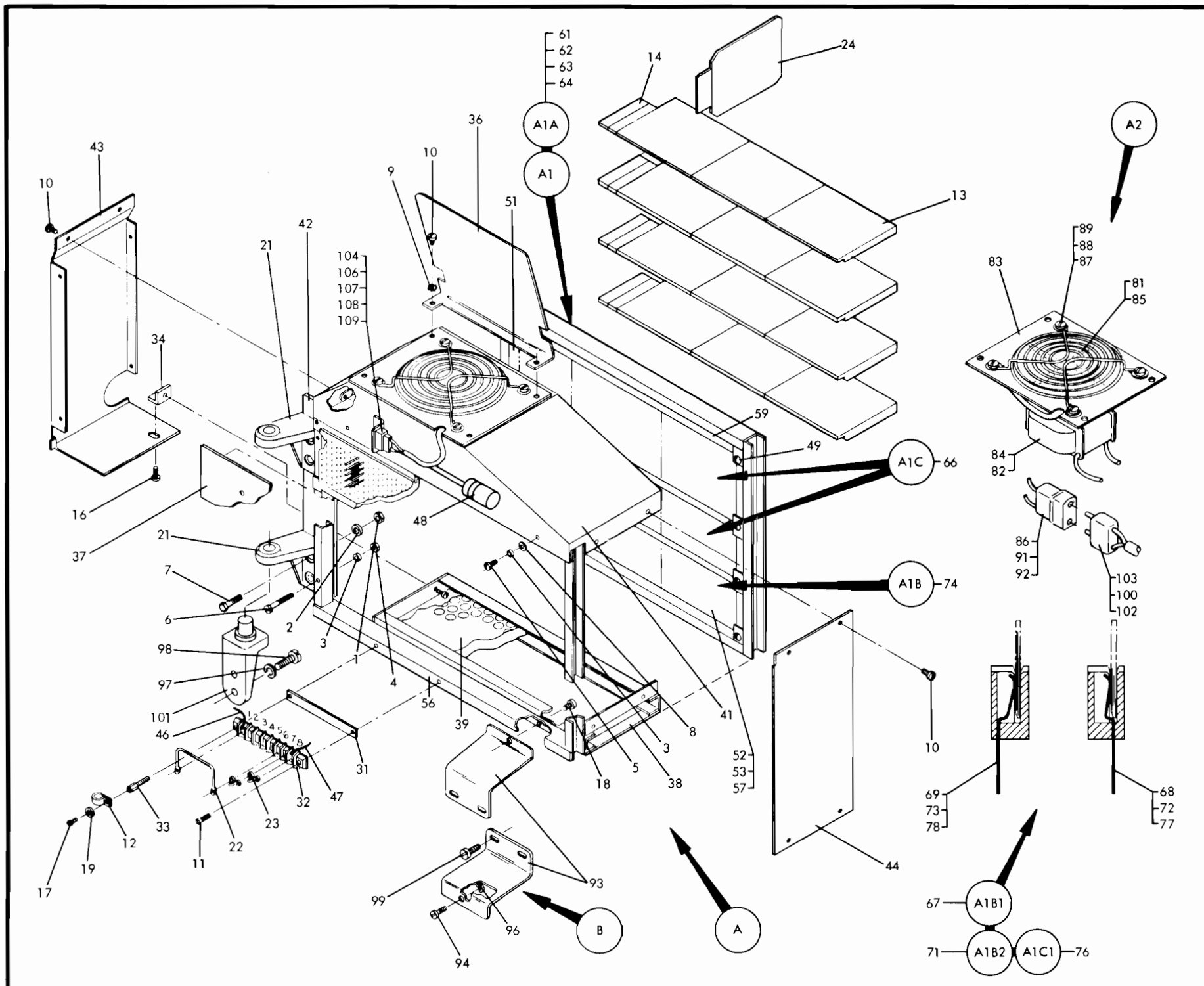
A 609340 RELAY GATE ASM USED ON 1402-1 ONLY	34 609704 CAPACITOR 500MFD 25V DC	78 45690 WASHER
A 614008 RELAY GATE ASM USED ON 1402-2 ONLY	35 610541 PLATE RELAY MTG USED ON ASM A 61052 ONLY	79 62031 WASHER
A 610520 GATE ASM RELAY USED ON 1402-3 ONLY	36 754108 CAPACITOR 450MFD USED ON 1402-2 ONLY	80 122592 WSHR LOCK POT
A 609762 RELAY GATE ASM USED ON 1402-4 5 ONLY	37 2102368 CLAMP CABLE CAP MTG 1.60 MAX. DIA	81 154548 WASHER
1 55726 SCREW RDR + PCH RELAY USED ON ASM A 61052 ONLY	38 2102369 CLAMP CABLE CAP MTG 1.550 MAX. DIA	82 208196 TRANSISTOR PNP ALLOY TYPE 037
2 438579 SCREW TRANS PNL	39 2102370 CLAMP-CAP MTG	83 253870 RESISTOR ASM 3K 10W
2 2031 SCREW TRANS PANEL USED ON 1402-2 ONLY	A1 609330 PANEL ASM TRANSISTOR USED ON 1402-1 ONLY	84 257186 NUT
3 2300 SCREW-DUO RELAY MTG	A1 614027 PANEL TRANSISTOR USED ON 1402-2 ONLY	85 38389 SCREW TERMINAL USED ON ASM A2 610543 ONLY
4 25627 SCREW - CAP MTG	45 641 SCREW TERM BLK MTG	86 257187 NUT
5 38368 SCREW TERM MTG	46 5528 SCREW CAPACITOR MTG	87 257189 NUT
6 234341 SCREW HINGE MTG	47 11598 NUT TRANSISTOR MTG	88 257985 WASHER
7 213940 SPACER TRANS PNL	48 22478 WASHER TERM BLK MTG	89 257986 WASHER TRANS MTG
7 56932 SPACER TRANS PANEL USED ON 1402-2 ONLY	49 38264 SCREW RESISTOR MTG	90 56722 LWASHER USED ON ASM A2 610543 ONLY
8 80817 TERMINAL BLOCK USED ON 1402-1, 3,-4 + 5	50 45690 WASHER TRANSISTOR MTG	91 334281 CLAMP TRANSISTOR
9 76574 LWASHER	51 80817 TERMINAL TRANS PNL	92 441183 BLOCK
10 124815 HINGE - REL GATE	52 92749 TERMINAL BLOCK TRANS PNL	93 609704 CAPACITOR ASM
11 159944 CLIP TERMINAL MOULDING 4 POINT	54 253870 RESISTOR 3000 OHMS 10W	94 610364 TRANSISTOR PANEL USED ON ASM A2 610370 ONLY
12 159945 CLIP TERMINAL MOULDING 6 POINT	55 257186 NUT RESISTOR MTG	94 610572 TRANSISTOR PANEL USED ON ASM A2 610543 ONLY
13 159946 CLIP TERMINAL MOVING 12 POINT	56 257189 NUT CAPACITOR MTG	95 65629 SPACER CLAMP USED ON ASM A2 610543 ONLY
14 198363 SCREW MOULDING MTG	57 257985 WASHER RESISTOR MTG	96 610365 NUMBERING STRIP 1-18
16 204499 PIN	59 526898 TRANSISTOR PNP TYPE 22	97 610366 NUMBERING STRIP 19-36
17 610052 STUD LATCH	61 609178 NUMBERING STRIP	98 610371 TRANSISTOR ASM 28 1W
18 213693 RESISTOR 1K 1/2W 5(62 609179 NUMBERING STRIP	99 610373 POTENTIOMETER
19 220856 SPRING	63 609328 PANEL TRANSISTOR	100 120789 WASHER TERMINAL USED ON ASM A2 610543 ONLY
20 284424 CLIP MOULDING	64 609522 RESISTOR 50 OHM 5W	101 2102368 CLAMP CAPACITOR
22 324795 BLOCK ASM TERMINAL 12 POINT	65 609704 CAPACITOR 500 MFD 25V DC	102 322065 SCREW TRANS MTG USED ON ASM A2 610543 ONLY
23 324999 BLOCK ASM TERMINAL 12 POINT DOC.	67 2102368 CLAMP CAPACITOR MTG	103 369108 TRANSISTOR 042 USED ON ASM A2 610543 ONLY
24 344599 MOULDING ASM TERMINAL 4 POINT	A2 610370 PANEL ASM TRANSISTOR USED ON 1402-3 ONLY	B 344601 RELAY ASM 48V PM
25 344603 MOULDING ASM TERMINAL 6 POINT	71 337 SCREW TRANS CLAMP	B 719003 RELAY ASM 4 POS H.S. PICK
26 471715 RELAY RDR + PCH USED ON ASM A 61052 ONLY	72 5528 SCREW	B 719005 RELAY ASM 4 POS
27 524669 CAPACITOR 7500 MFD 25V DC	73 5644 SCREW TERM MTG	B 719007 RELAY ASM 6 POS
29 609327 RELAY GATE ASM	74 11598 NUT	106 344592 WIRE CONT
30 609380 STUD RELAY CVR MTG	75 35739 SCREW TRANS MTG USED ON ASM A2 610543 ONLY	107 344596 SCREW PARTS NOT INCLUDED WITH ASSEMBLIES
31 609390 CAPACITOR 3000 MFD 25V DCW	76 22478 WASHER	116 6935 LWASHER-HINGE MTG
32 609395 CAPACITOR 1000 MFD 25V DCW	77 38264 SCREW USED ON ASM A2 610370 ONLY	117 32042 SCREW RELAY GATE CVR
33 609475 NUMBERING STRIP USED ON 1402-1, 4 + 5 ONLY	77 19944 SCREW CLAMP USED ON ASM A2 610543 ONLY	118 36844 SCREW-HINGE MTG
33 614039 NUMBERING STRIP USED ON 1402-2 ONLY		120 225532 HINGE ASM-REL GT
33 610544 STRIP RELAY NUMBERING USED ON 1402-3 ONLY		123 602955 COVER RELAY
		124 609381 COVER RELAY GATE USED ON 1402-1, 3,-4 + 5 ONLY

EMITTER CONTROL CARD ASM.



A	613738	CARD ASM EMITTER CONTROL	
		USED ON 1402-1 4 ONLY	
1	10170	SCREW T BAR CVR	
2	38264	SCREW ADAPTER	
3	216085	CD GUIDE SMS 8 POS	
4	216091	ADAPTER CD GD 8 POS	
5	216285	NUMBERING STRIP SMS CD	
6	372455	CARD ASM SMS BCB	
7	372460	CARD ASM SMS BCQ	
8	374682	CARD ASM SMS	
9	374683	CARD ASM SMS	
10	374684	CARD ASM SMS	
11	613726	BRKT MTG CARD RECEPT	
12	613727	T BAR 8 POS	
13	613728	T BAR 8 POS	
14	613729	COVER RECEPTACLE	
A1	613743	RECEPT ASM MAG EMITTR	
17	212822	CHAIN VOLTAGE BUS	
19	216303	COVER VOLTAGE CHAIN	
20	624003	PIN IDENT SEE BM	
A1A	216083	CARD RECEPTACLE ASM	
	21	216087	SPRING CONTACT
	22	216088	SPRING CONTACT
			PARTS NOT INCLUDED WITH ASSEMBLIES
25	184792	SCREW SMS MTG	

PUNCH MAGNET DRIVER GATE ASM.

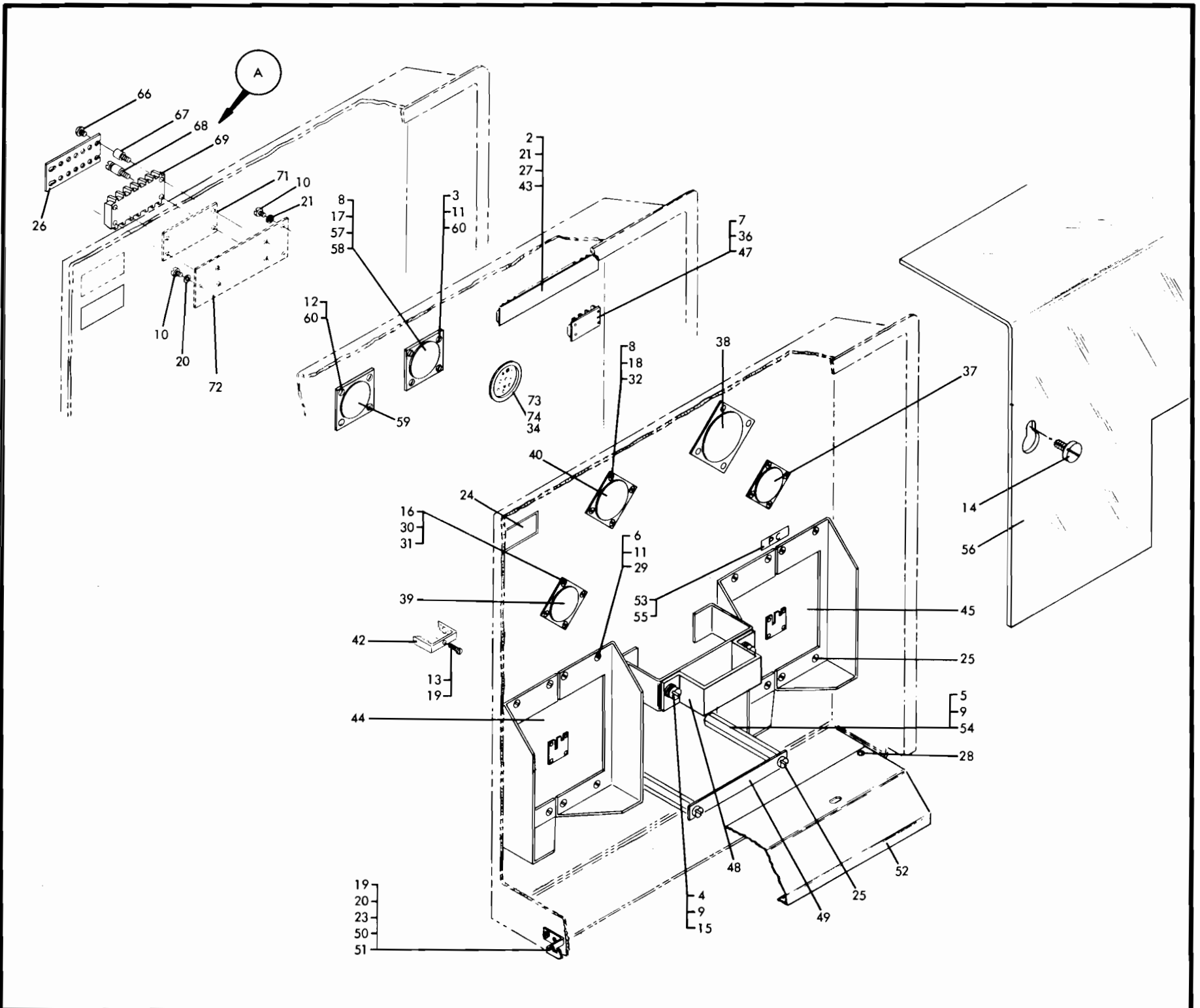


- A 610524 GATE ASM PUNCH MAGNET DRIVER
USED ON 1402-3 ONLY
- 1 3960 NUT HINGE MTG
- 2 6935 LWSHR HINGE MTG
- 3 9092 LWSHR PLENUM MTG
- 4 11598 NUT HINGE PLATE MTG
- 5 38380 SCREW PLENUM MTG
- 6 38392 SCREW HINGE PLATE MTG
- 7 38688 SCREW HINGE MTG
- 8 45690 WASHER PLENUM MTG
- 9 55901 LWSHR FAN MTG
- 10 58207 SCREW COVER MTG
- 11 81693 SCREW TERM BLK MTG
- 12 204363 CLAMP CABLE
- 13 216085 GUIDE SMS CARD
- 14 216207 GUIDE SMS CARD
- 16 221790 SCREW BKT MTG
- 17 236550 SCREW CLAMP MTG
- 18 236849 SCREW FILTER HOLDER
- 19 257986 WASHER CLAMP MTG
- 21 289335 HINGE GATE MTG
- 22 319612 JUMPER USED ON 60 CYCLE
- 22 333960 JUMPER USED ON 50 CYCLE
- 23 367115 JUMPER TERM BLK
- 24 370372 CARD ASM SMS DHC
- 24 370643 CARD ASM SMS AJW
- 24 372255 CARD ASM SMS AZB
- 24 372259 CARD ASM SMS AZF
- 24 372473 CARD ASM SMS DKJ
- 31 480004 INSULATOR TERM BLK
- 32 480007 TERMINAL BLOCK
- 33 480682 STUD TERM BLK MTG
- 34 587436 BRACKET
- 36 610495 GUARD CHIP
- 37 610499 PANEL + RETAINER ASM
- 38 610507 HOLDER FILTER
- 39 610508 AIR FILTER FIBER GLASS

- 41 610509 PLENUM
- 42 610510 HINGE PLATE
- 43 610513 COVER L REAR
- 44 610514 COVER R REAR
- 46 610565 JUMPER ASM
- 47 610566 JUMPER ASM
- 48 889459 CAPACITOR USED ON 6 CYCLE
- 48 4113261 CAPACITOR USED ON 5 CYCLE
- A1 610504 CHASSIS ASM PUNCH MAGNET DRIVER
USED ON 60 CYCLE MACHINES
- A1 5050935 CHASSIS ASM PUNCH MAGNET DRIVER
USED ON 50 CYCLE MACHINES
- 49 10170 SCREW T BAR MTG
- 51 216076 TERMINAL BLK + CONT ASM
- 52 216297 AIR SEAL CHASSIS FRAME
- 53 216303 COVER VOLTAGE CHAIN
- 54 307653 GASKET
- 56 610506 FRAME FABRICATED CHASSIS
- 57 610515 T BAR SHORT
- 59 2128570 STRIP NUMBERING
- A1A 610517 T BAR + ADAPTER ASM
- 61 38264 SCREW ADAPTER MTG
- 62 216091 ADAPTER MULTIPLE CL USE
- 63 216212 ADAPTER SINGLE CD GUIDE
- 64 610516 T BAR ADAPTER SHORT
- A1B 610502 CARD RECEPT ASM ROW C
- 66 212822 VOLTAGE CHAIN
- A1B1 216076 CARD RECEPTACLE ASM
- 67 216073 TERMINAL BLOCK 1 POS
- 68 216087 CONTACT SPRING
- 69 216088 CONTACT SPRING
- A1B2 216083 CARD RECEPTACLE ASM
- 71 216082 TERMINAL BLOCK 8 POS
- 72 216087 CONTACT SPRING
- 73 216088 CONTACT SPRING

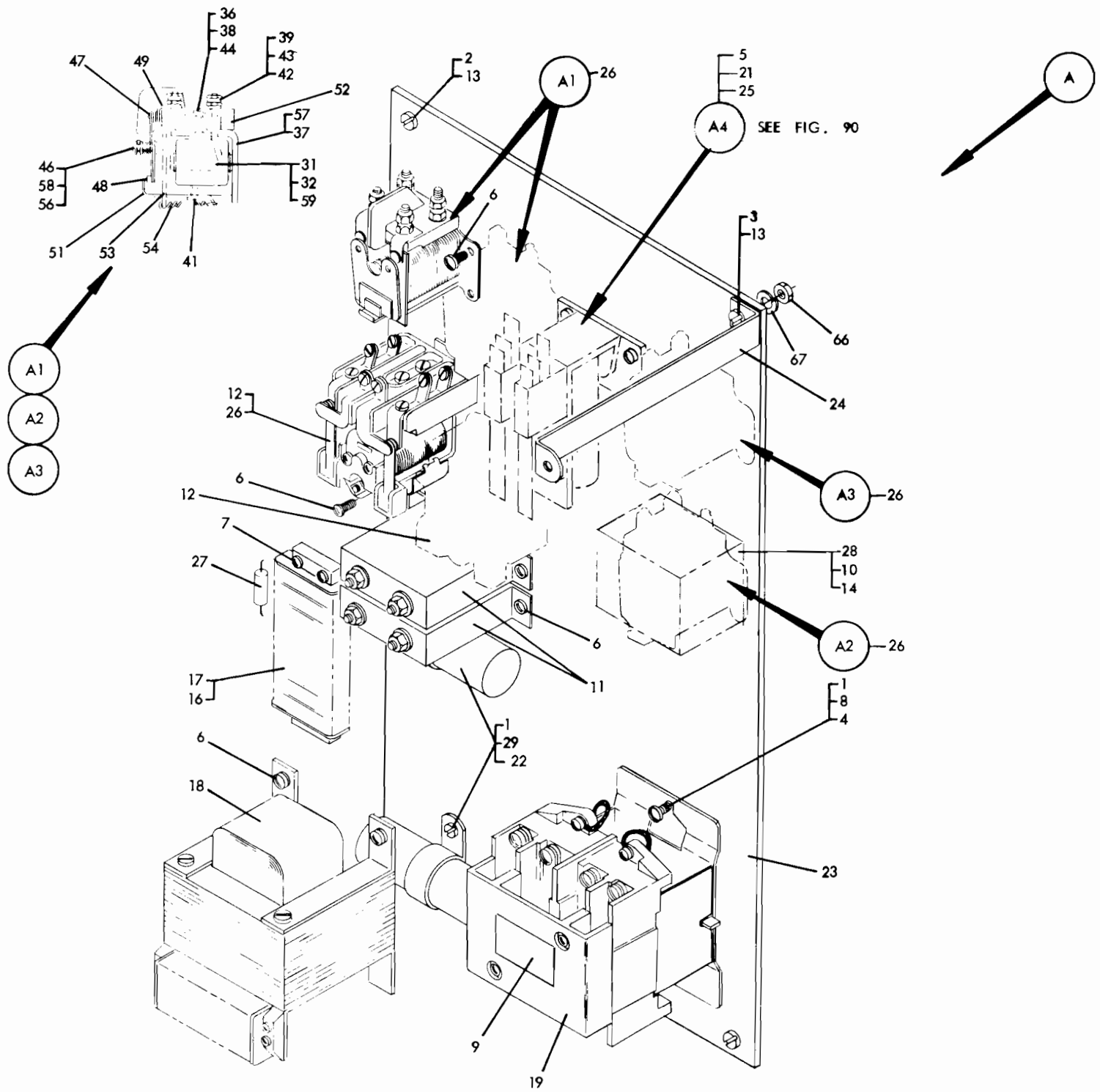
- A1C 610503 CARD RECEPT ASM ROW A+B
- 74 212822 VOLTAGE CHAIN
- A1C1 216083 CARD RECEPTACLE ASM
- 76 216082 TERMINAL BLOCK
- 77 216087 CONTACT SPRING
- 78 216088 CONTACT SPRING
- A2 725559 FAN ASM USED ON 60 CYCLE
- A2 4062612 FAN ASM USED ON 50 CYCLE
- 81 2863 SCREW MTG BLADE
- 82 32042 SCR MTG MOTOR
- 83 172910 ORIFICE
- 84 172999 MOTOR
- 85 171485 FAN BLADE
- 86 182375 TUBING
- 87 236849 SCR MTG
- 88 597344 GUARD LOWER
- 89 597347 GUARD UPPER
- 91 609687 TERMINAL
- 92 725558 CONNECTOR
- B 610512 STOP ASM GATE
- 93 610511 STOP SMS GATE
- 94 610581 SCREW CAPTIVE
- 96 1092125 CLIP SCR RETNG
- 97 6935 LWSHR HINGE MTG
- 98 36844 SCREW CONN PAN BRKT
- 99 38380 SCREW GATE STOP MTG
- 100 92784 CLIP
- 101 225530 HINGE ASM SMS GATE
- 102 609687 TERMINAL
- 103 725557 PLUG
- 104 5050328 GUARD FRAME 50 CYCLE
- 106 609729 GUARD NET 50 CYCLE
- 107 5050468 SCREW 1 USED 50 CYCLE
- 108 5050469 SCREW 3 USED 50 CYCLE
- 109 5050466 COVER TERMINAL BLOCK

CONNECTOR PANEL ASM.



A	NO NO. CONNECTOR PANEL ASM	22	81898 TERM BLOCK USED ON 1402-2 ONLY	45	598246 CONNECTOR LOW VOLTAGE
1	443 SCREW TERM BLK MTG USED ON 1402-3 ONLY	23	120211 SCREW STRIKE MTG	47	762596 INSULATOR TERM BLK USED ON 1402-2 ONLY
2	2994 SCREW TERM BLK MTG USED ON 1402-2 ONLY	24	138755 DECAL	48	609175 BRACKET-CONN PAN USED ON 1402-1, 4 + 5 ONLY
3	2300 SCREW CONN MTG USED ON 1402-2 ONLY	25	186759 SCREW LOW VOLT CONN	48	614053 BRACKET POWER CABLE USED ON 1402-2 ONLY
4	3550 WASHER-CONN PAN BRACKET	26	191484 SHIELD TERM BLK USED ON 1402-3 ONLY	48	610549 BRKT CONN PAN USED ON 1402-3 ONLY
5	3960 NUT STUD MTG	27	221688 STUD TERM SHIELD MTG USED ON 1402-2 ONLY	49	609182 PLATE-CONNECTOR PAN
6	5528 SCREW GROUND JUMPER MTG	28	236849 SCREW SHROUD MTG	50	609283 STRIKE RIGHT HAND
7	641 SCREW TERM BLK MTG USED ON 1402-2 ONLY	29	257189 NUT GROUND JUMPER MTG	51	609284 STRIKE LEFT HAND
8	6364 LWASHER RECEPTACLE MTG	30	257984 LWASHER RECEPTACLE MTG	52	609386 SHROUD CONN PAN
9	6935 LWASHER-CONN PAN BRACKET	31	257985 WASHER RECEPTACLE MTG	53	609489 IDENTIFICATION STRIP
10	10170 SCREW TERM BLK MTG USED ON 1402-3 ONLY	32	257986 WASHER RECEPTACLE MTG	54	609749 STUD CABLE RESTNR PLATE
11	22478 WASHER GROUND JUMPER MTG	34	334663 GROMMET CONN PAN USED ON 1402-2 ONLY	55	614040 IDENTIF STRIP CONN PAN
12	24752 SCREW CONN MTG USED ON 1402-2 ONLY	36	762582 TERM BLOCK USED ON 1402-2 ONLY	56	614051 SHLD CONN PAN TERM
13	25891 SCREW CABLE CLAMP CONN	37	479895 CONNECTOR USED ON 1402-1, 4 + 5 ONLY	57	614134 ADAPTOR PLATE
14	32042 SCREW SHIELD MTG USED ON 1402-2 ONLY	38	479897 CONNECTOR USED ON 1402-1, 4 + 5 ONLY	58	760270 CONNECTOR CC6 USED ON 1402-2 ONLY
15	36844 SCREW-CONN PAN BRACKET	39	479899 CONNECTOR USED ON 1402-1, 4 + 5 ONLY	59	760277 CONNECTOR CC2 USED ON 1402-2 ONLY
16	38263 SCREW RECEPTACLE MTG	40	479901 CONNECTOR USED ON 1402-1, 4 + 5 ONLY	60	1090873 LWASHER CONN MTG
17	38350 SCREW ADAPTOR PLATE MTG	42	523250 CLAMP CONN CABLE	A	610649 TERMINAL BLK ASM
18	38351 SCREW RECEPTACLE MTG	43	597987 INSULATOR TERMINAL BLK USED ON 1402-2 ONLY	66	210984 SCREW
19	45690 WASHER CLAMP MTG	44	598226 CONNECTOR LOW VOLTAGE	67	210985 STUD
20	56079 LWASHER			68	210986 STUD
21	56722 LWASHR TERM BLK MTG USED ON 1402-3 ONLY			69	323843 TERMINAL BLOCK
				71	529084 STRIP IDENTIFICATION
				72	610648 PLATE MOUNTING
				73	614158 15 CONTACT FEMALE 1402-2
				74	5369998 15 CONTACT MALE 1402-2

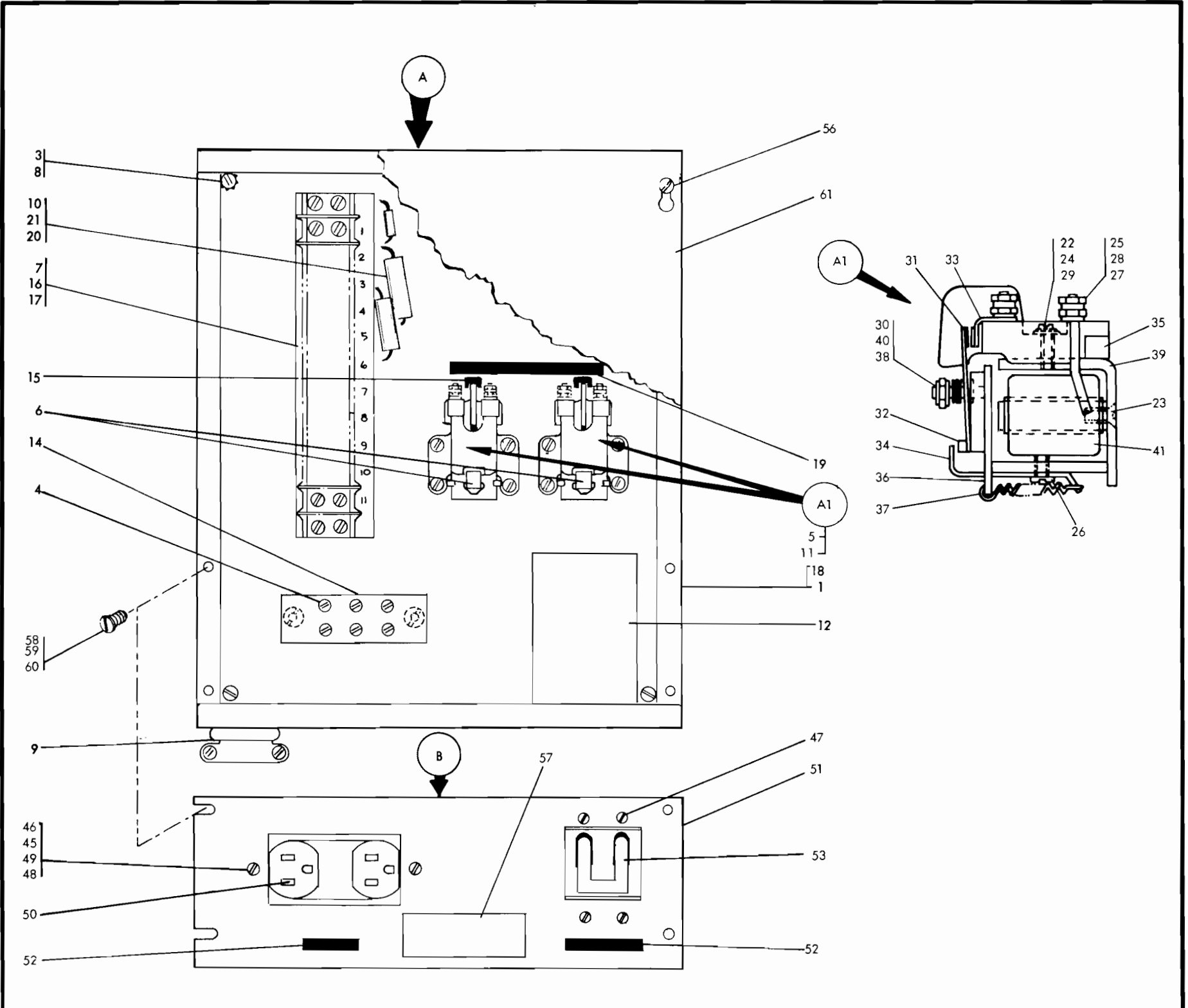
HEAVY DUTY RELAY PANEL ASM.



A	609341 H.D. RELAY PANEL COMPONENT ASM USED ON 1402-1, 4 + 5 ONLY	21	599917 DIODE ASM	A3	609154 RELAY-HD 20V
A	614003 H.D. RELAY PANEL COMPONENT ASM USED ON 1402-2 ONLY	22	609081 CAPACITOR ASM	36	1431 SCREW-TERM BLK MTG
A	904813 H.D. RELAY PANEL COMPONENT ASM USED ON 50 CYCLE MACHINES ONLY	23	609336 PANEL-HD RELAY	37	4636 SCREW-COIL MTG
1	443 SCREW CAPACITOR MTG USED ON 1402-1, 4 + 5 ONLY	24	609339 BRACKET FUSE PNL STOP USED ON 1402-1, 4 + 5 ONLY	38	22478 WASHER-TERM BLK MTG
1	32042 SCREW CAPACITOR MTG USED ON 1402-2 ONLY	26	609397 DIODE ASM	39	23815 NUT HD RELAY
2	845 SCREW PANEL MTG	27	609399 RESISTOR ASM	41	42026 SCREW-ARM STOP MTG
3	2031 SCREW PANEL MTG	28	610278 CONTACTOR 25AMP 2 N/O 24V AC SEE FIGURE 90 FOR DETAIL BREAKDOWN	42	45642 WASHER-CONNECTOR
4	9092 LCKWSHR CONTACTOR MTG	29	2102368 CLAMP CAP MTG	43	45644 WASHER - CONNECTOR
5	38451 SCREW RELAY MTG	A1	76725 RELAY ASM-HD	44	60646 L WASHER-TERM BLK MTG
6	24752 SCREW RELAY MTG	31	76669 COIL FOR REMAINDER OF PARTS SEE ASM A3	46	72965 NUT SCREW INSULATION
7	38352 SCREW-TERM-MTG	A2	480443 RELAY ASM HD 14 2 ONLY	47	73431 POINT ASM-CONTACT
8	45690 WSHR CONTACTOR MTG	32	480441 COIL FOR REMAINDER OF PARTS SEE ASM A3	48	76655 INSULATOR-CONT GAP
9	138755 DECAL			49	76659 CONTACT ASM-HD RELAY
10	38381 SCREW			51	76661 ARM STOP-CONTACT GAP
11	173706 RESISTOR CAPACATOR			52	76666 TERMINAL BLOCK ASM
12	223642 RELAY-HD			53	76729 ARMATURE ASM - CONTACT
13	257189 NUT			54	76845 SPRING-CONTACT GAP
14	56079 LOCKWASHER			56	83687 SPRING-CONT ADJ
16	319526 INSULATOR-TERM			57	124138 YOKE-COIL MTG
17	322766 TERMINAL BLOCK			58	147297 CLIP-CONT ADJ
18	480444 TRANSFORMER USED ON 1402-1, 4 + 5 ONLY			59	609153 COIL + CLIP ASM HD RELAY
19	480445 CONTACTOR USED ON 1402-1, 4 + 5 ONLY			A4	111351 RELAY ASM DUO USED ON 1402-1, 4 + 5 ONLY SEE FIGURE FOR DETAIL BREAKDOWN PARTS NOT INCLUDED WITH ASSEMBLIES
				66	257189 NUT REL PNL MTG
				67	1090873 LWASHER REL PNL MTG

1402 FIG. 63

A. C. POWER BOX ASM. 60 CYCLE

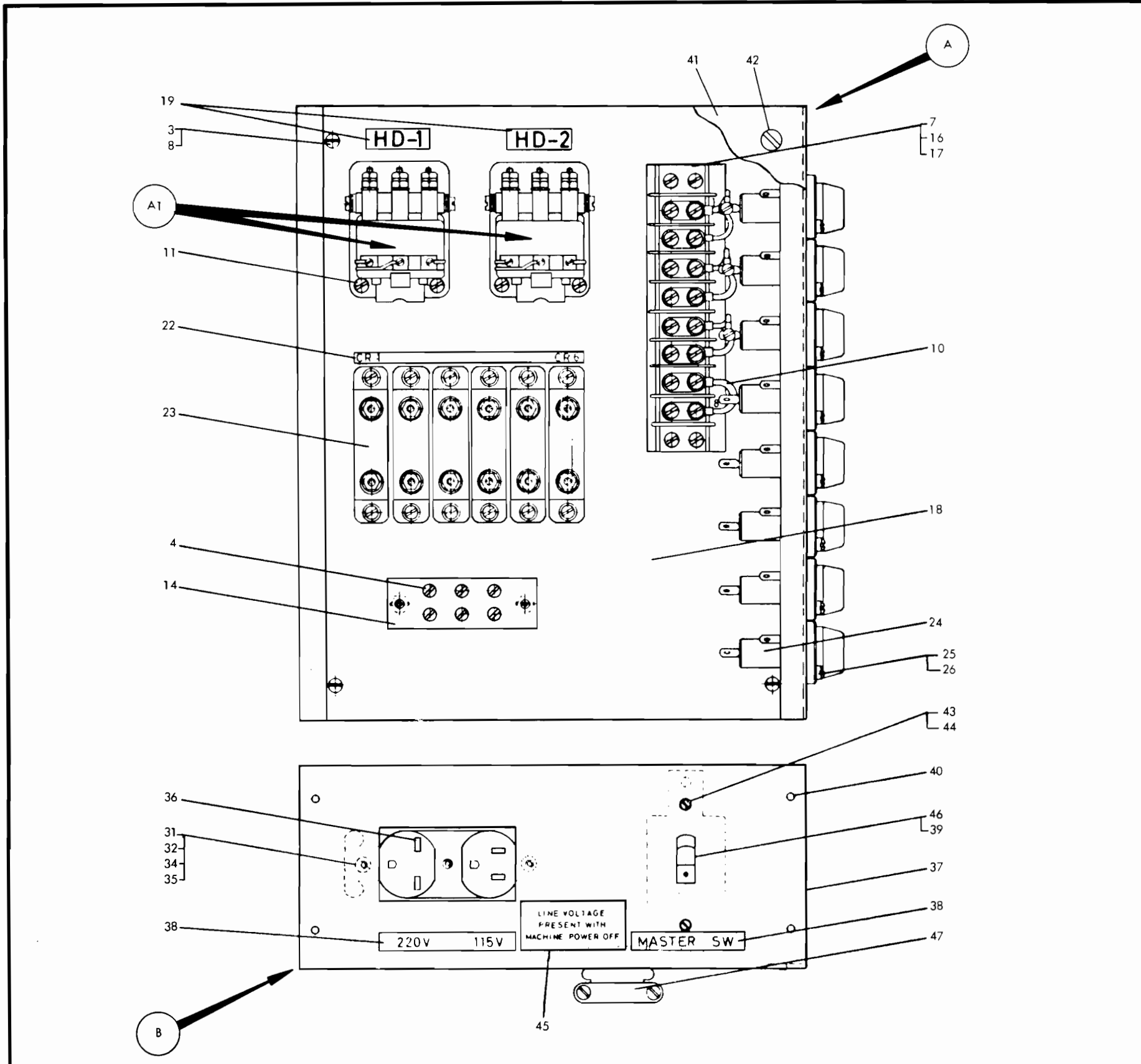


- A 610532 AC POWER BOX ASM
USED ON 1402-3 ONLY
- 1 257189 NUT POWER BOX MTG
- 3 19944 SCREW POWER BOX MTG
- 4 58207 SCREW GRND BAR
- 5 204289 JUMPER ASM
- 6 253569 TUBING INSULATING
- 7 333133 TERMINAL BLOCK
- 8 257189 NUT POWER BOX MTG
- 9 342250 CLAMP CABLE
- 10 596458 JUMPER
- 11 601093 SCREW RELAY MTG
- 12 608289 INSULATOR
- 14 609167 GROUND BAR
- 15 609397 DIODE ASM
- 16 610496 INSULATOR TERM BLK
- 17 610505 SCREW TERM BLK MTG
- 18 610529 BOX AC POWER
- 19 610561 DECAL AC POWER BOX
- 20 610582 RESISTOR ASM
- 21 610583 CAPACITOR ASM

- A1 609154 RELAY ASM HEAVY DUTY
- 22 1431 SCREW-TERM BLK MTG
- 23 4636 SCREW-COIL MTG
- 24 22478 WASHER-TERM BLK MTG
- 25 23815 NUT HD RELAY
- 26 42026 SCREW-ARM STOP MTG
- 27 45642 WASHER-CONNECTOR
- 28 45644 WASHER - CONNECTOR
- 29 60646 L WASHER-TERM BLK MTG
- 30 72965 NUT SCREW INSULATION
- 31 73431 POINT ASM-CONTACT
- 32 76655 INSULATOR-CONT GAP
- 33 76659 CONTACT ASM-HD RELAY
- 34 76661 ARM STOP-CONTACT GAP
- 35 76666 TERMINAL BLOCK ASM
- 36 76729 ARMATURE ASM - CONTACT
- 37 76845 SPRING-CONTACT GAP
- 38 83687 SPRING-CONT ADJ
- 39 124138 YOKE-COIL MTG
- 40 147297 CLIP-CONT ADJ
- 41 609153 COIL + CLIP ASM HD RELAY

- B 610546 COVER ASM LWR AC PWR BOX
- 45 6364 L WASHER CON OUTLET MTG
- 46 35739 SCREW CON OUTLET MTG
- 47 55726 SCREW CIRCUIT BKR MTG
- 48 257187 NUT CON OUTLET MTG
- 49 257986 WASHER CON OUTLET MTG
- 50 357995 CONVENIENCE OUTLET
- 51 610531 COVER LOWER
- 52 610562 DECAL LWR CVR ASM
- 53 610567 CB AC PWR BOX
PARTS NOT INCLUDED WITH ASSEMBLIES
- 56 34512 SCR CVR MTG AC PWR BOX
- 57 138755 DECAL
- 58 55901 LWSHR AC PWR BOX MTG
- 59 257189 NUT AC PWR BOX MTG
- 60 601093 SCR CVR MTG AC POW BOX
- 61 610530 COVER UPR AC PWR BOX

A. C. POWER BOX ASM. 50 CYCLE

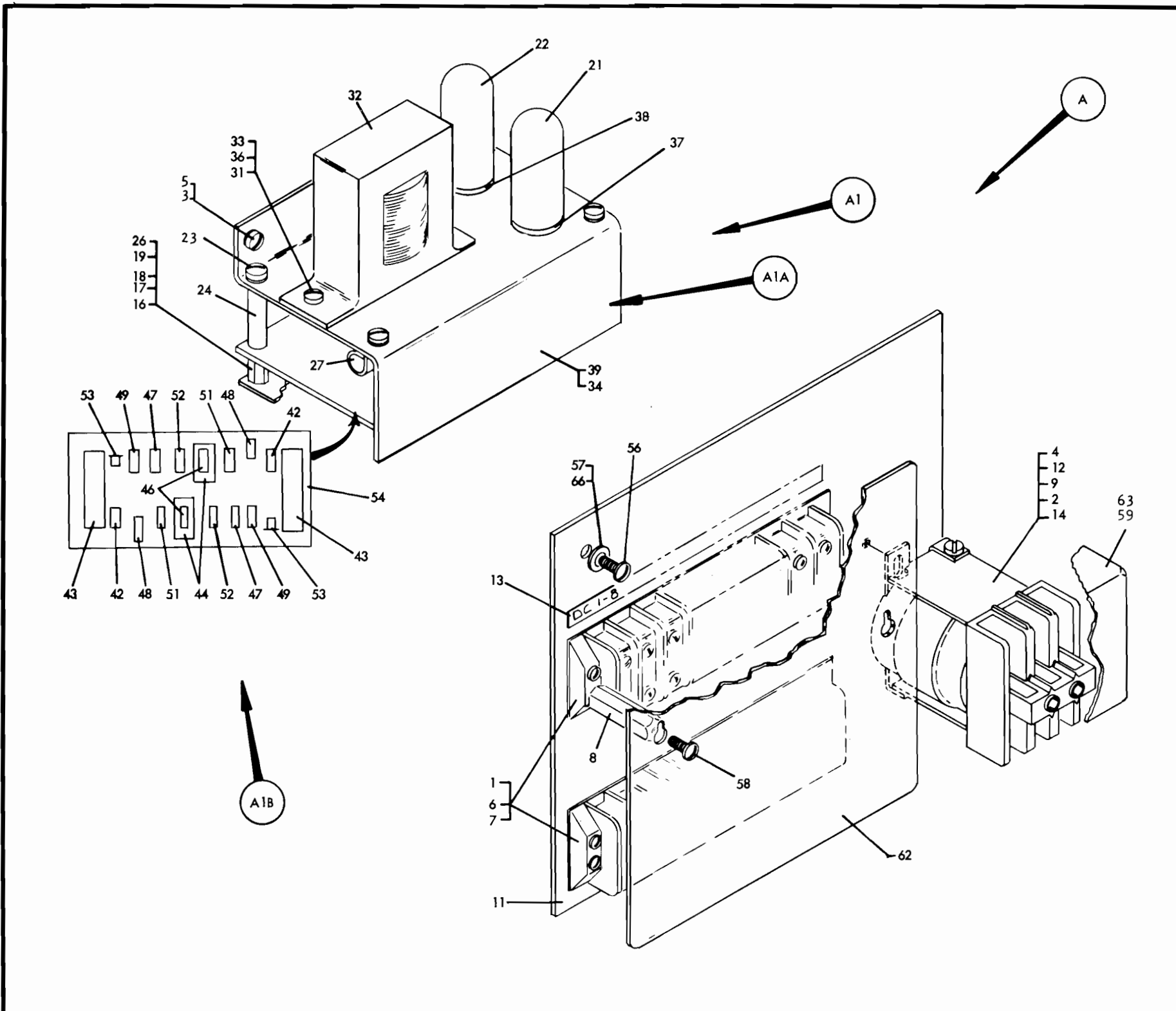


- A 5050960 AC POWER BOX ASM
USED ON 50 CYCLE MACHINES
- 3 19944 SCREW POWER BOX MTG
- 4 58207 SCREW GROUND BAR
- 7 315956 TERMINAL BLOCK
- 8 257189 NUT POWER BOX MTG
- 10 237820 JUMPER
- 11 50930 SCREW RELAY MTG
- 14 609167 GROUND BAR
- 16 322272 INSULATOR TERMINAL BLOCK
- 17 610505 SCREW TERM BLOCK MTG
- 18 5050598 BOX AC POWER
- 19 610561 DECAL AC POWER BOX
- 22 5050232 DECAL
- 23 173706 CAPACITOR
- 24 257080 INSULATION FUSE HOLDER
- 25 104615 FUSE HOLDER
- 26 24752 SCREW

- A1 5050098 RELAY ASM HEAVY DUTY
SEE SWEDISH 1402 PARTS CATALOG
P/N 5050472 FORM 128 FOR DETAIL
BREAKDOWN OF HD RELAY PARTS
- B 5050957 COVER ASM AC POWER BOX
- 31 6364 LWASHER MTG
- 32 35739 SCREW MTG
- 34 257187 NUT MTG
- 35 257986 WASHER MTG
- 36 5050134 OUTLET CONVENIENCE
- 37 5050954 COVER LOWER
- 38 5050947 DECAL
- 39 610567 CIRCUIT BREAKER 6AMP 2 POLE

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 40 601093 SCREW MTG
 - 41 610530 COVER AC POWER BOX
 - 42 34512 SCREW MTG
 - 43 55726 SCREW
 - 44 55901 LWASHER
 - 45 138755 LABEL LINE VOLTAGE
 - 46 4116834 SWITCH MASTER
 - 47 342250 CLAMP

DYNAMIC TIMER POWER SUPPLY ASM.

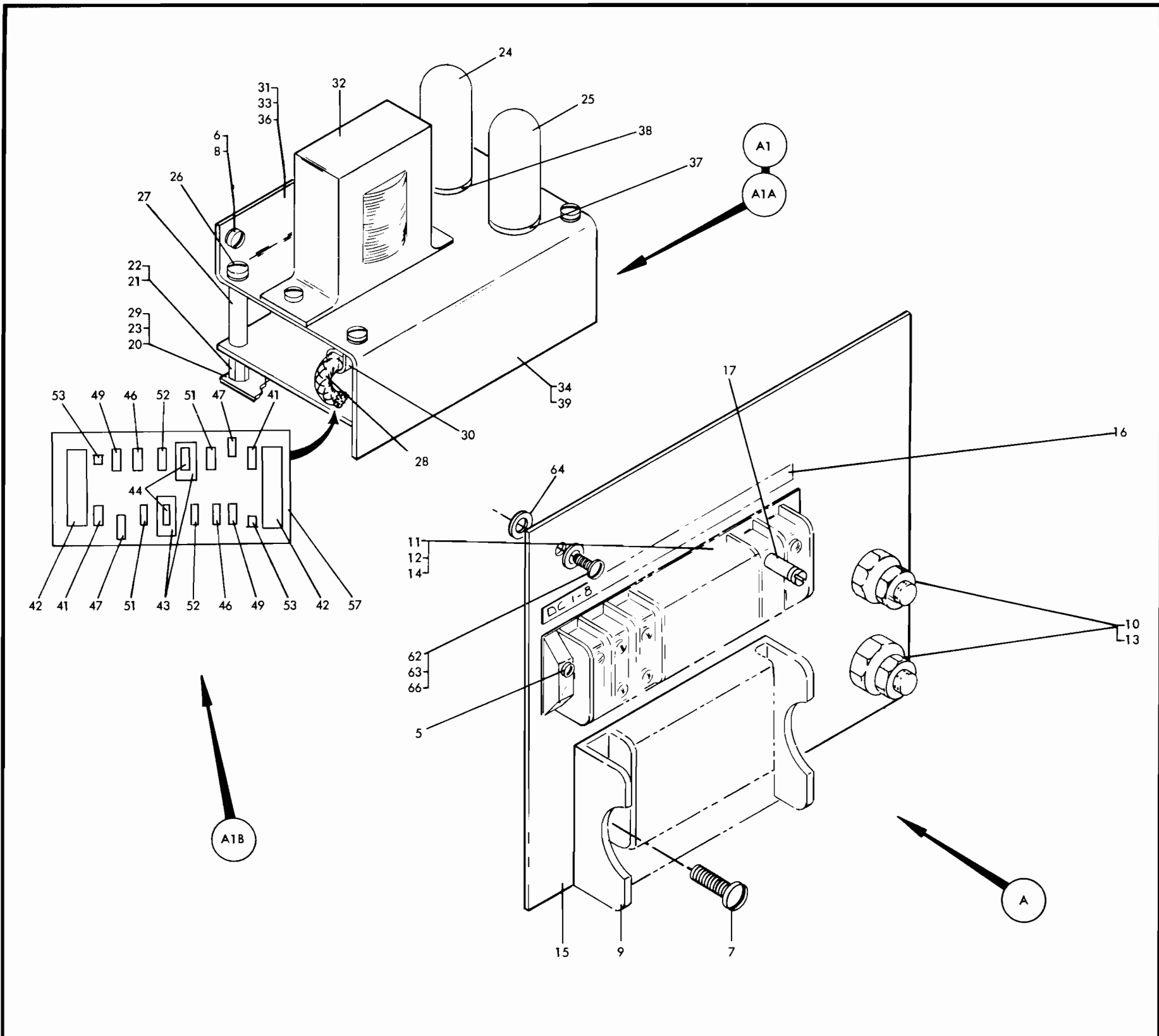


- A 609184 BRACKET ASM-POWER PACK
USED ON 1402-1 2 ONLY
- A 614351 BRACKET ASM-POWER PACK
USED ON 1402-4 5 ONLY
- A 904724 BRACKET ASM-POWER PACK
USED ON 50 CYCLE MACHINES ONLY
- 1 2031 SCREW-TERM BLK MTG
- 2 38350 SCREW-RELAY MTG
USED ON 609184 904724 ONLY
- 3 2300 SCREW POWER SUPPLY MTG
- 4 236849 SCREW-BAR MTG
USED ON 609184 904724 ONLY
- 5 55901 LOCKWASHER
- 6 315956 TERMINAL BLK
- 7 322272 INSULATOR-TERMINAL BLOCK
- 8 334237 STUD-SAFETY CVR
- 9 369243 CONTACTOR
USED ON 609184 904724 ONLY
- 11 609384 BRACKET-TERMINAL BLOCK
- 12 609394 BUS BAR
USED ON 609184 904724 ONLY
- 13 609568 DECAL
- 14 609623 CAPACITOR ASM-.22 MFD
USED ON 609184 904724 ONLY

- A1 607016 POWER SUPPLY ASM-DYN TIM
- 16 22478 WASHER COVER MTG
- 17 55901 LOCKWASHER STUD MTG
- 18 253264 STUD COVER MTG
- 19 257189 NUT COVER MTG
- 21 317785 TUBE 6AL5
- 22 323932 TUBE 12 AX 7
- 23 438589 SCREW BOARD MTG
- 24 602164 SPACER
- 26 607881 COVER
- 27 2102364 CLAMP CABLE
- A1A 602706 CHASSIS DYN TIM POW SUP
- 31 55901 LWHR TRNS GRD
- 32 149893 TRANS DYN TIMER
- 33 186759 SCR DYN TIMER
- 34 204362 GROMMET DYN TIMER
- 36 257189 NUT DYN TIMER
- 37 317517 SOCKET ASM DYNTIMER
- 38 317520 SOCKET DYN TIMER ASM
- 39 602168 CHASSIS DYN TIMER
- A1B 602707 ASM COMPONENT
- 42 180846 RESISTOR DYN TIMER 47K
- 43 206592 CAP DYN TIMER 4 MFD
- 44 206595 CAP DYN TIMER 5 MMF
- 46 213539 RESISTOR DYN TIMER 150 K
- 47 213714 RESISTOR DYN TIMER 1.8K
- 48 300734 RESISTOR DYN TIMER 510 K
- 49 301804 RESISTOR DYN TIMER 4700HM
- 51 301818 RESISTOR DYN TIMER 6.8K
- 52 317037 RESISTOR DYN TIMER 220K
- 53 333264 DIODE DYN TIMER
- 54 602167 TERMINAL BD COMP ASM

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 56 845 SCREW BRKT MTG
 - 57 22478 WASHER BRKT ASM MTG
 - 58 34512 SCREW PWR PAC COV MTG
 - 59 58207 SCREW 60V SHIELD MTG
 - 62 609484 SHLD PWR SUPP TERM BLKS
 - 62 614049 SHLD PWR SUPP TERM BLKS
USED ON 1402-2 ONLY
 - 63 610344 SHIELD HD CONTACTOR
 - 66 1090873 LWASHER PWR SUPP MTG

SIGNAL FUSE BRACKET ASM.

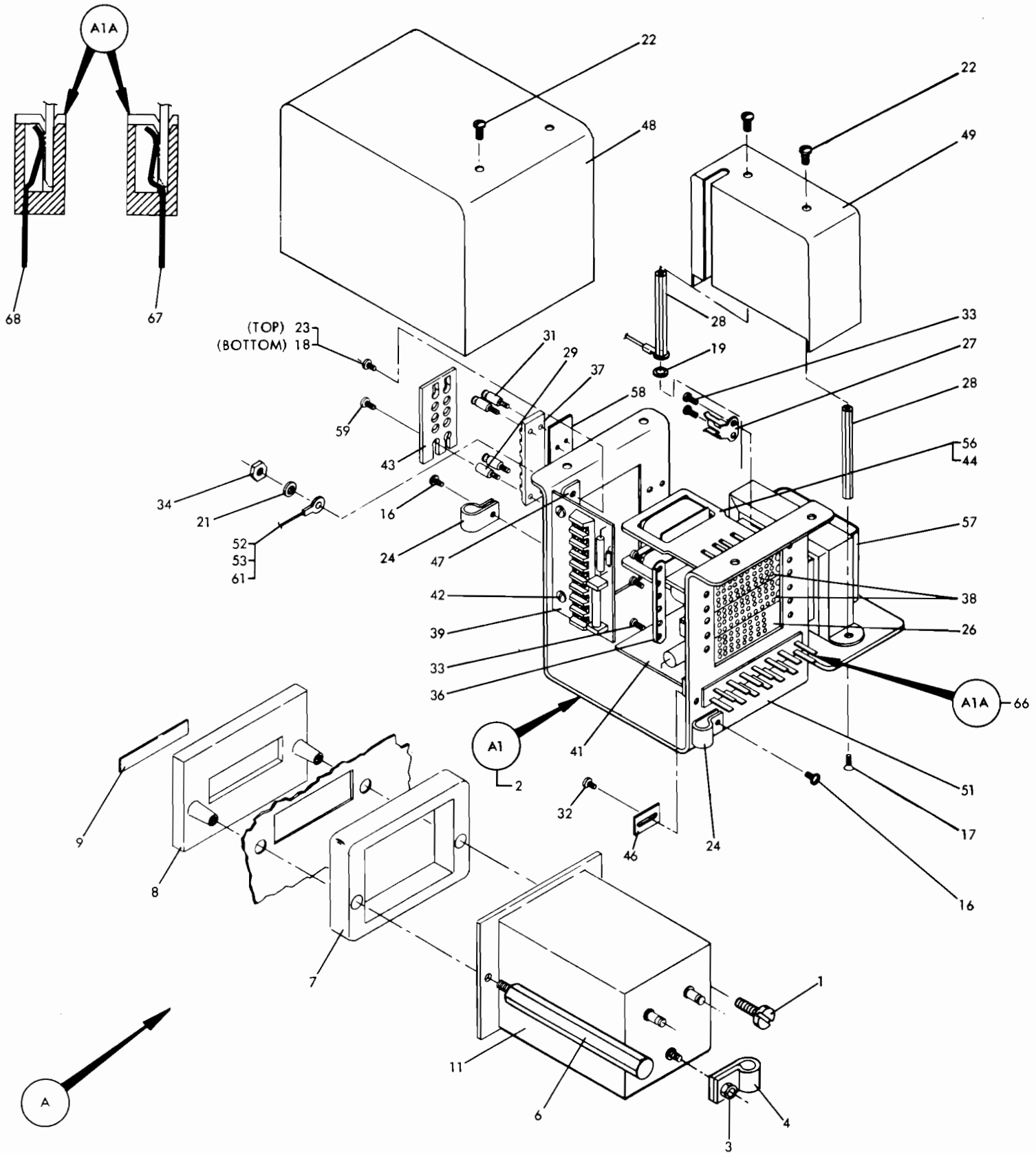


- A 610533 SIGNAL FUSE BRACKET ASM
USED ON 1402-3 ONLY
- 5 2031 SCREW TERM BLK MTG
- 6 2300 SCREW PWR SLP MTG
- 7 38368 SCREW SF BLK MTG
- 8 55901 LWASHER POW SUP MTG
- 9 206554 SIGNAL FUSE BLOCK
- 10 220032 NUT POT MTG
- 11 315956 TERMINAL BLK
- 12 322272 INSULATOR TERM BLK
- 13 351045 POTENTIOMETER
- 14 596458 JUMPER
- 15 610528 BRACKET TERMINAL BLOCK
- 16 610560 DECAL SIG FUSE BRKT
- 17 610577 STUD

- A1 610571 POWER SUPPLY ASM DYN TMR
- 20 22478 WASHER COVER MTG
- 21 55901 LWASHR STUD MTG
- 22 253264 STUD COVER MTG
- 23 257189 NUT COVER MTG
- 24 317785 TUBE 6 AL 5
- 25 323932 TUBE 12 AX 7
- 26 438589 SCREW BOARD MTG
- 27 602164 SPACER
- 28 607017 CABLE ASM
- 29 607881 COVER
- 30 2102364 CLAMP CABLE
- A1A 602706 CHASSIS ASM
- 31 55901 LWASHR TRANS GRD
- 32 149893 TRANS DYN TIMER
- 33 186759 SCR DYN TIMER
- 34 204362 GROMMET DYN TIMER
- 36 257189 NUT DYN TIMER
- 37 317517 SOCKET ASM DYN TIMER
- 38 317520 SOCKET DYN TIMER ASM
- 39 602168 CHASSIS DYN TIMER

- A1B 602707 COMPONENT ASM
- 41 180846 RESISTOR DYN TIMER 47K
- 42 206592 CAP DYN TIMER 4 MFD
- 43 206595 CAP DYN TIMER 5 MMF
- 44 213539 RESISTOR DYN TIMER 150 K
- 46 213714 RESISTOR DYN TIMER 1.8K
- 47 300734 RESISTOR DYN TIMER 510 K
- 49 301804 RESISTOR DYN TIMER 4700HM
- 51 301818 RESISTOR DYN TIMER 6.8K
- 52 317037 RESISTOR DYN TIMER 220K
- 53 333264 DIODE DYN TIMER 1 N 92
- 57 602167 TERMINAL BD COMP ASM
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 62 845 SCREW SIGNAL FUSE
- 63 22478 WSHR SIGNAL FUSE
- 64 55901 LWASHR BRKT GRD SIG FUSE
- 66 1090873 LWASHR SIGNAL FUSE

PROCESS METER POWER BOX ASM.

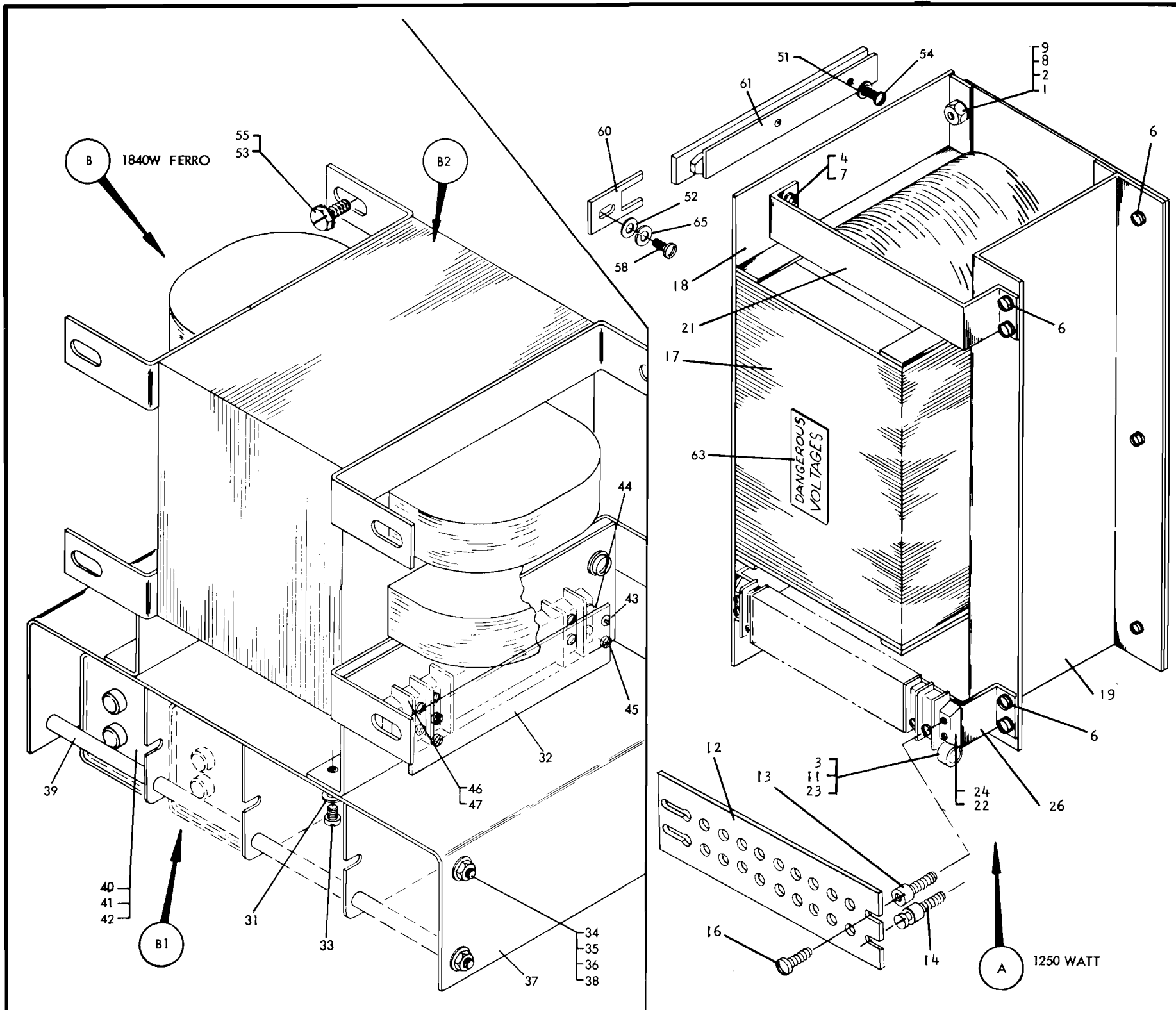


A	NO NO.	METER ASM		
		USED ON 1402-1, 2	3	
1	34512	SCREW BEZEL MTG		
2	186759	SCREW POWER BOX MTG		
3	257189	NUT METER GND STUD		
4	357433	CLAMP CABLE		
6	615264	STUD BEZEL MTG		
7	615473	SPACER BEZEL MTG		
8	615474	FACE PLATE BEZEL		
9	740490	DECAL		
11	740503	CLOCK ETM 60 CYCLE		
11	740608	CLOCK ETM 50 CYCLE		
A1	610400	POWER BOX ASM METER 14 2-1 60 CYCLE		
A1	613730	POWER BOX ASM METER 14 2-1 50 CYCLE		
A1	610401	POWER BOX ASM METER 14 2-2 60 CYCLE		
A1	610402	POWER BOX ASM METER 14 2-3 60 CYCLE		
A1	613731	POWER BOX ASM METER 14 2-2+3 50 CY		
16	10170	SCREW		
17	119	SCREW		
18	55726	SCREW		
19	55901	LWSHR		

21	56722	LWSHR
22	58207	SCREW
23	81693	SCREW
24	104294	CABLE CLAMP
26	159941	MLDG ASM
27	159944	CLIP
28	188906	STUD
29	210883	STUD
31	210884	STUD
32	221790	SCREW
33	236550	SCREW
34	257187	NUT
36	284424	CLIP
37	317310	TERMINAL BLOCK
38	344599	MLDG ASM
39	372688	METER CARD ASM
41	372700	SMS CARD ASM
42	438548	SCREW
43	474644	SHIELD
44	602955	COVER DUST

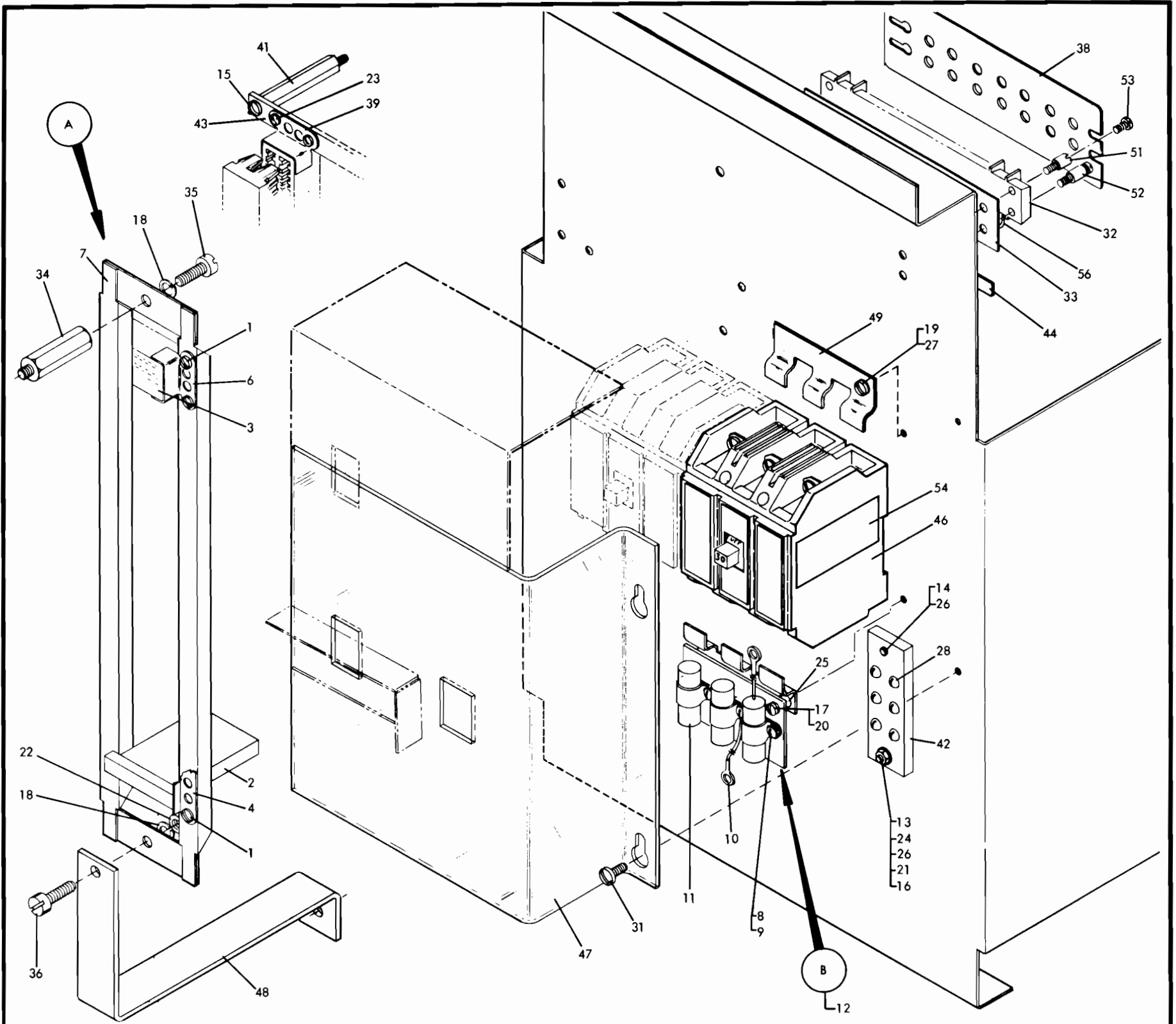
46	610403	BRKT CARD MTG
47	610404	BRKT REED RELAY CD MTG
48	610405	COVER RELAY
49	610406	COVER TRANSFORMER
51	610407	BRKT PROCESS METER
52	610412	CABLE ASM PROCESS METER 1402-1
52	610413	CABLE ASM PROCESS METER 1402-2
53	610414	CABLE ASM PROCESS METER 1402-3
53	610415	CABLE ASM PROC MTR-AC 1402-1
53	610416	CABLE ASM PROC MTR AC 1402-2
53	610417	CABLE ASM PROC MTR AC 1402-3
53	5050987	CABLE ASM PROC MTR-AC 1402-3 50 CY
56	719005	RELAY ASM
57	740473	TRANSFORMER 60 CYCLE
57	740561	TRANSFORMER 50 CYCLE
58	740554	MARKER STRIP
59	740606	SCREW
61	802175	DIODE ASM
A1A	216076	RECEPTACLE ASM
66	216072	RECEPTACLE 1 POSITION
67	216087	CONTACT SPRING
68	216089	CONTACT SPRING

REGULATOR ASM.



A 208274 POWER SUPP ASM FERRO REGULATOR USED ON 1402-1, 4 + 5 ONLY	17 5240449 TRANSFORMER USED ON ASM A 2 8274 ONLY	B 220893 POWER SUPP ASM FERRO REG USED ON 1402-2 ONLY
A 223089 POWER SUPP ASM FERRO REGULATOR USED ON 50 CYCLE MACHINES ONLY	17 210880 TRANSFORMER USED ON ASM A 223089 ONLY	31 9092 LOCKWASHER
1 3550 WASHER PLAIN FLAT	18 223412 PLATE FERRO MTG	32 473545 SHIELD TERM BLK 30A 9POS
2 3960 NUT	19 223413 CHAIN 1250W FERRO	33 236849 SCREW BINDING
3 22478 WASHER CB	21 223415 BRKT FERRO MTG 1250W	B1 207269 CAPACITOR ASM
4 24752 SCREW BKT MTG	22 322767 BLOCK TERMINAL USED ON ASM A 2 8274 ONLY	34 9092 LOCKWASHER
6 38452 SCREW	22 223416 TERMINAL BLOCK USED ON ASM A 223089 ONLY	35 11598 NUT
7 60646 WASHER	23 356742 CLAMP CABLE	36 45690 WASHER
8 71776 SCREW	24 730268 INSUL TERM BLOCK 10 POS USED ON ASM A 2 8274 ONLY	37 207263 BRKT CAP MTG
9 76574 LOCKWASHER	24 563887 INSULATION-TERMINAL BOARD USED ON ASM A 223089 ONLY	38 207266 STUD CAPACITOR MTG
11 186759 SCREW	26 730269 BRKT TERM BLK MTG USED ON ASM A 2 8274 ONLY	39 208389 SPACER CAP MTG
12 186943 SHIELD USED ON ASM A 2 8274 ONLY	26 223414 BRACKET-CHANNEL MTG USED ON ASM A 223089 ONLY	40 526378 TERMINAL
12 186942 SHIELD USED ON ASM A 223089 ONLY		41 208388 CAPACITOR
13 209483 STUD		42 207318 JUMPER
14 209484 STUD SLOTTED		B2 207272 REGUL ASM 60 CPS 1840W
16 210984 SCREW		43 210984 SCREW
		44 210985 STUD
		45 210986 STUD
		46 216180 STRIP MARKER
		47 323844 TERMINAL BOARD PARTS NOT INCLUDED WITH ASSEMBLIES
		51 9092 LWASHER POWER SUPPLY MTG
		52 22478 WASHER FAN COVER MTG
		53 38686 SCREW REG ASM
		54 55918 SCREW RAIL
		55 76574 LWSHR REG ASM
		58 186759 SCREW KEEPER
		60 207293 KEEPER POWER SUPP
		61 207382 RAIL SUPP PWR SUPP MTG
		63 369207 DECAL
		65 1090873 LWSHR KEEPER

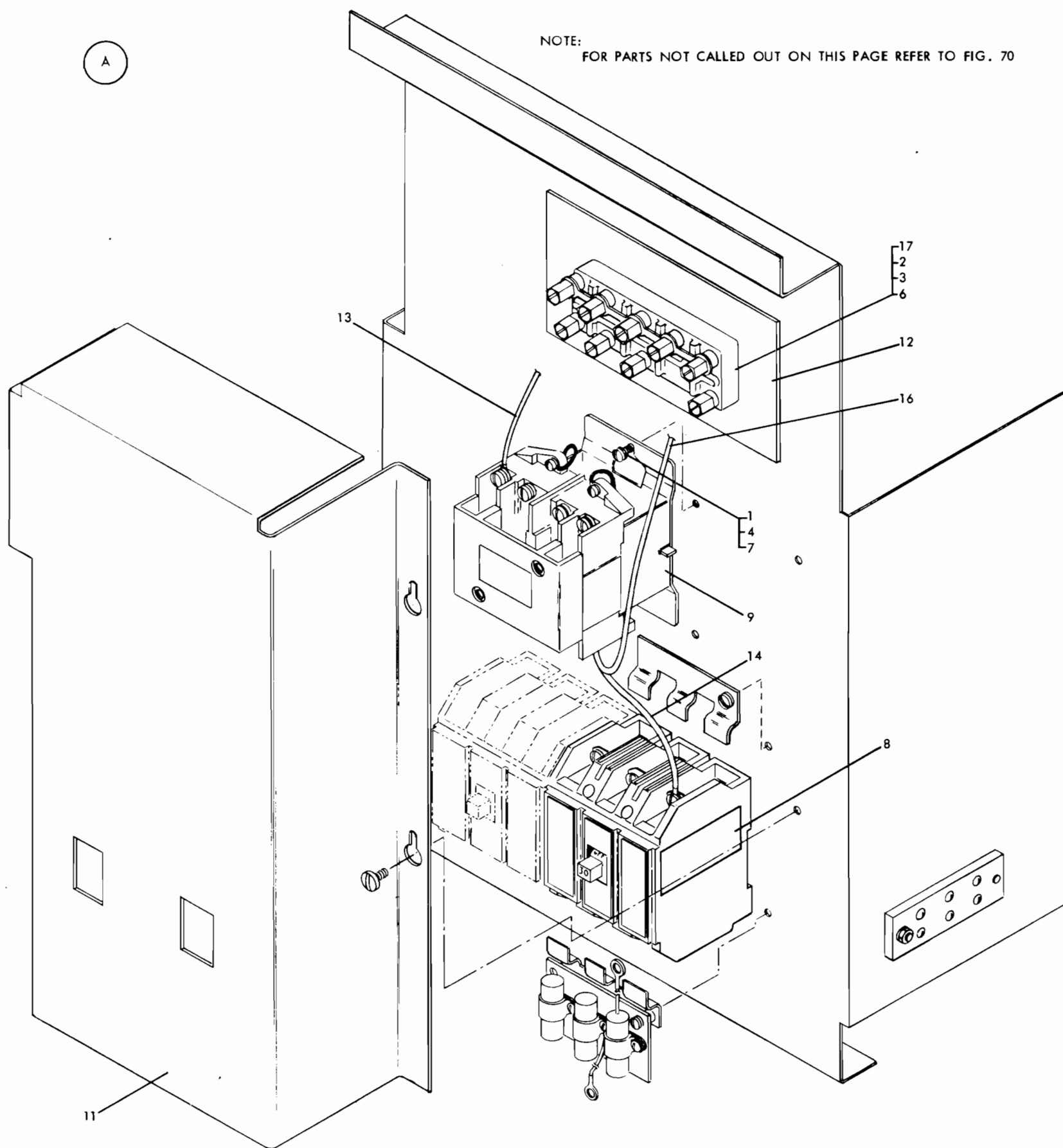
POTTED DIODE ASM. & CIRCUIT BREAKER ASM. (60 CYCLE)



<p>A 609722 POTTED DIODE ASM USED ON 1402-2 ONLY</p> <p>1 198363 SCREW</p> <p>2 222355 SELENIUM VALVE UNIT</p> <p>3 257243 BASE MINA CONNECTOR</p> <p>4 284424 MTG CLIP</p> <p>6 441662 MTG CLIP</p> <p>7 609723 RAIL ASM MULT CONN MTS</p> <p>B 610265 CAPACITOR ASM USED ON 1402-1, 4 + 5 ONLY</p> <p>8 56722 LOCK WASHER</p> <p>9 70078 SCREW</p> <p>10 597215 JUMPER ASM</p> <p>11 610260 CAPACITOR ASM</p> <p>12 610262 PLATE CAP MTG PARTS NOT INCLUDED WITH ASSEMBLIES</p> <p>13 358 SCREW GROUND MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>14 443 SCREW GOUND MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>15 2994 SCREW PUNCH CONN BAR USED ON 1402-1, 3,-4 + 5 ONLY</p> <p>16 232 SCREW MACH GRD USED ON 1402-2 ONLY</p> <p>17 35739 SCREW CB MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>18 6935 LWASHER STUD MTG USED ON 1402-2 ONLY</p> <p>19 10170 SCREW CB MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>20 56722 LWSHR CB MTG USED ON 1402-1, 4 + 5 ONLY</p>	<p>21 11598 NUT GRD BAR MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>22 36109 NUT BRKT USED ON 1402-2 ONLY</p> <p>23 38354 SCREW PCH CONN BRKT MTG USED ON 1402-1, 3,-4 + 5 ONLY</p> <p>24 45690 WASHER GROUND MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>25 60614 SPACER CAP ASM MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>26 56079 LWASHER GROUND BAR USED ON 1402-1, 2,-4 + 5 ONLY</p> <p>27 56722 LWSHR CB MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>28 58207 SCREW CABLE GRD USED ON 1402-1, 4 + 5 ONLY</p> <p>29 138755 DECAL</p> <p>31 236849 SCREW CB COVER MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>32 315956 TERMINAL BLOCK-PWR SUP USED ON 1402-1, 4 + 5 ONLY</p> <p>33 315957 INSULATING STRIP TERM BL USED ON 1402-1, 4 + 5 ONLY</p> <p>34 331715 STUD DIODE ASM USED ON 1402-2 ONLY</p> <p>35 438612 SCREW DIODE USED ON 1402-2 ONLY</p> <p>36 438613 SCREW POTTED DIODE USED ON 1402-2 ONLY</p> <p>38 188696 COVER TERM BLK USED ON 1402-1, 4 + 5 ONLY</p> <p>39 441662 BRACKET PUNCH CONN MTG</p>	<p>41 441662 BRKT PUNCH CONN MTG USED ON 1402-1, 3,-4 + 5 ONLY</p> <p>41 607078 STUD PUNCH CONN MTG USED ON 1402-1, 3,-4 + 5 ONLY</p> <p>42 609167 BAR GROUND USED ON 1402-1, 4 + 5 ONLY</p> <p>43 609374 BAR PUNCH CONN MTG USED ON 1402-1, 3,-4 + 5 ONLY</p> <p>44 609571 DECAL-IDENT USED ON 1402-1, 4 + 5 ONLY</p> <p>46 609711 CIRCUIT BREAKER MAINLINE USED ON 1402-1, 4 + 5 ONLY</p> <p>47 609716 COVER CIRCUIT BREAKER USED ON 1402-1, 4 + 5 ONLY</p> <p>47 610346 SHIELD USED WITH 60 AMP SERVICE</p> <p>48 609725 BRACKET USED ON 1402-2 ONLY</p> <p>49 609734 BRKT CIRCUIT BREAKER MTG USED ON 1402-1, 4 + 5 ONLY</p> <p>51 210883 STUD SAFETY COVER USED ON 1402-1, 4 + 5 ONLY</p> <p>52 210884 STUD SAFETY COVER USED ON 1402-1, 4 + 5 ONLY</p> <p>53 210984 SCREW TERM BLK CVR USED ON 1402-1, 4 + 5 ONLY</p> <p>54 369207 DECAL</p> <p>56 112288 JUMPER USED ON 1402-1, 4 + 5 ONLY</p>
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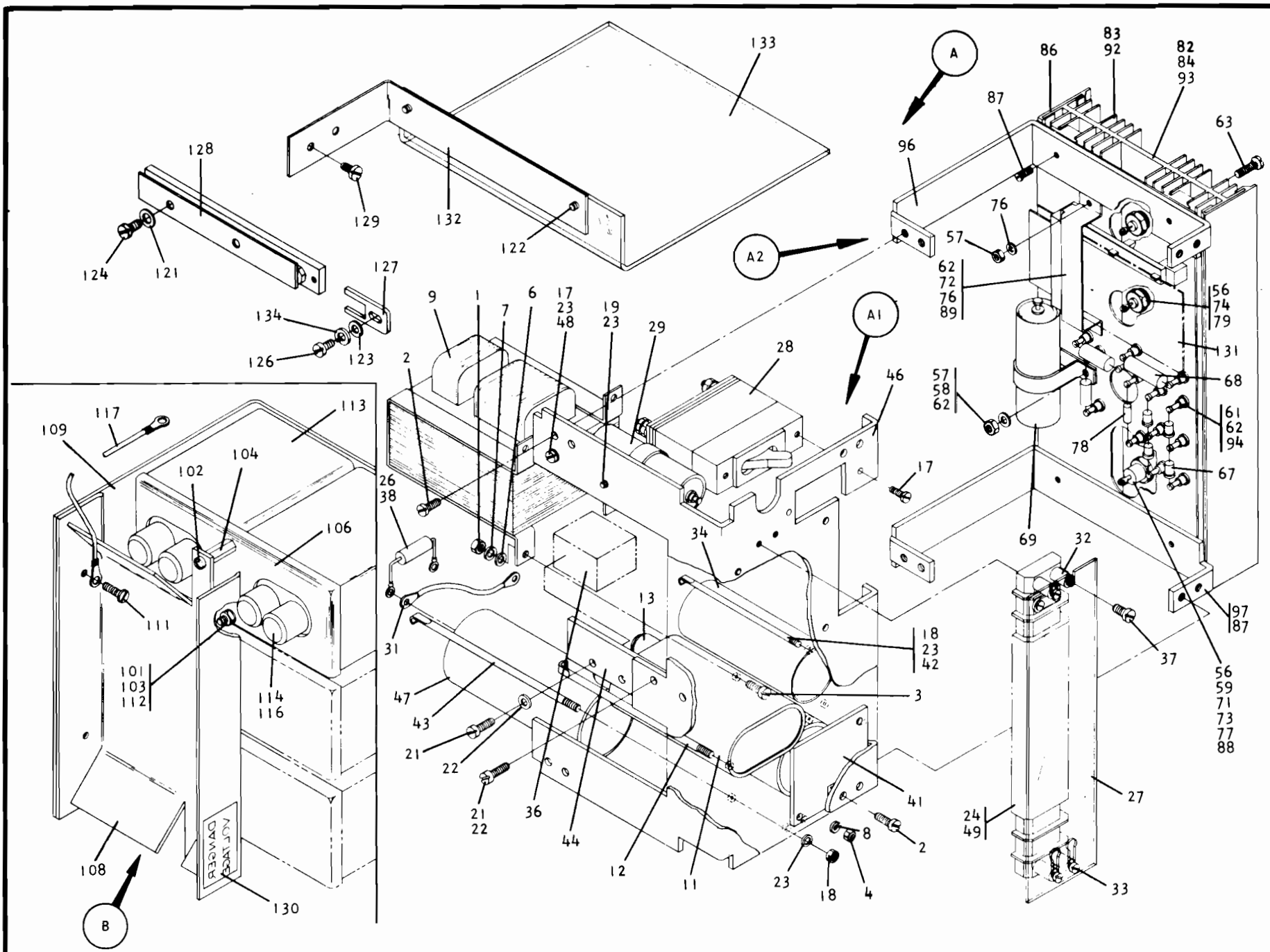
CIRCUIT BREAKER ASM. (50 CYCLE)

NOTE:
FOR PARTS NOT CALLED OUT ON THIS PAGE REFER TO FIG. 70



- A NO NO. CIRCUIT BREAKER PANEL ASM
PARTS NOT INCLUDED WITH ASSEMBLIES
USED ON 50 CYCLE MACHINES
- | | | |
|----|---------|----------------|
| 1 | 443 | SCREW |
| 2 | 4564 | NUT |
| 3 | 5471 | SCREW |
| 4 | 9092 | LWASHER |
| 6 | 61994 | WASHER |
| 7 | 45690 | WASHER |
| 8 | 138755 | LABEL |
| 9 | 480445 | CONTACTOR |
| 11 | 904822 | COVER |
| 12 | 904823 | INSULATOR |
| 13 | 904888 | JUMPER |
| 14 | 904889 | JUMPER |
| 16 | 906553 | JUMPER |
| 17 | 5050152 | TERMINAL BLOCK |

POWER SUPPLY ASM. (STAGE 2)

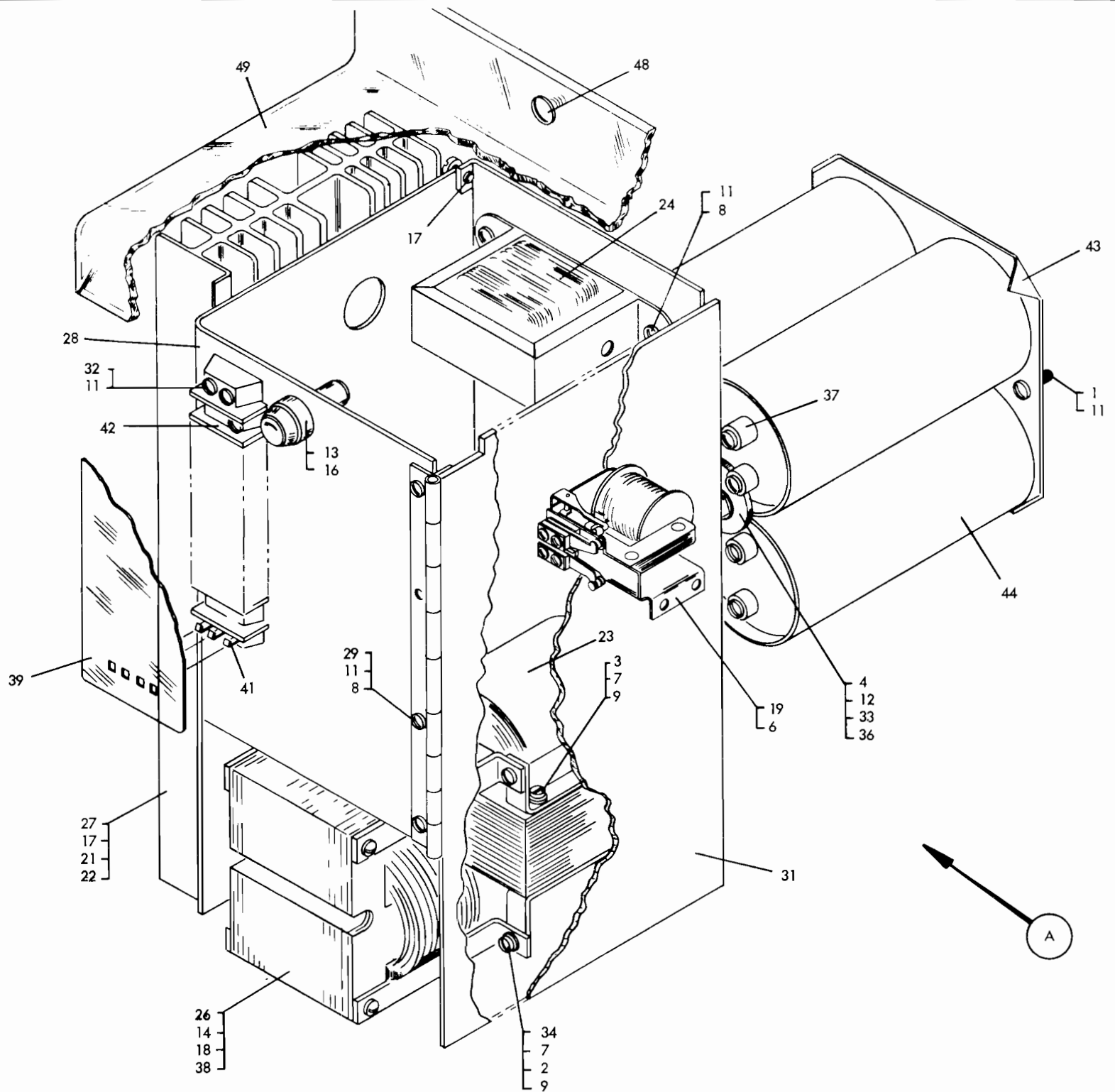


- A 477280 POWER SUPPLY ASM STAGE 2
USED ON 1402-1 STAGE 2 ONLY
- 1 11598 NUT
 - 2 28413 SCREW-BND HD
 - 3 32617 SCREW
 - 4 38051 NUT
 - 6 47242 WASHER
 - 7 56121 LOCKWASHER
 - 8 62031 LOCKWASHER
 - 9 210844 TRANSFORMER
 - 11 210873 CAPACITOR-6MFD 330 VAC
 - 12 473576 CLAMP-CAP MTG
 - 13 526378 CAP CAPACITOR INSULATOR
 - A1 477284 MTG PLATE ASM
 - 17 10170 SCREW
 - 18 38051 NUT
 - 19 55726 SCREW
 - 21 58207 SCREW-BND HD
 - 22 60646 LOCKWASHER
 - 23 62031 LOCKWASHER
 - 24 81898 TERMINAL BLOCK
 - 26 94856 TERMINAL
 - 27 187855 SHIELD
 - 28 207348 CIRCUIT BREAKER
 - 29 208229 CAPACITOR-700 MFD 15 VDC
 - 31 208989 JUMPER
 - 32 209483 STUD
 - 33 209484 STUD
 - 34 210845 CAPACITOR-1250 MFD 25 VDC
 - 36 210874 RELAY
 - 37 210984 SCREW
 - 38 301881 RESISTOR-240 OHM 2W
 - 39 442778 WIRE
 - 41 473406 SPACER
 - 42 473426 CLAMP-CAP MTG
 - 43 473543 CLAMP-CAP MTG
 - 44 477252 BRACKET-RELAY MTG
 - 46 477287 PLATE-COMPONENT MTG
 - 47 479953 CAPACITOR-15000 MFD 10 VDC
 - 48 533534 TERMINAL-INSULATED
 - 49 597987 INSULATOR

- A2 477285 HEAT SINK ASM
- 56 11891 NUT
 - 57 38051 NUT
 - 58 38235 SCREW-BND HD
 - 59 45690 WASHER
 - 61 55726 SCREW-BND HD
 - 62 62031 LOCKWASHER
 - 63 79779 SCREW-BND HD SELF TAP
 - 64 103079 WIRE-BARE
 - 66 204300 WIRE
 - 67 207316 DIODE
 - 68 207324 RESISTOR-.01 OHM 5W
 - 69 208229 CAPACITOR-700 MFD 15 VDC
 - 71 216197 RECTIFIER
 - 72 216206 GUIDE-CARD
 - 73 217019 INSUL WASHER
 - 74 219423 TUBING
 - 76 257986 WASHER
 - 77 316996 TERMINAL
 - 78 317012 RESISTOR-510 OHM 1/2 W
 - 79 369214 TRANSISTOR
 - 81 442780 WIRE
 - 82 473442 GROMMET
 - 83 473531 INSULATOR-HEAT SINK
 - 84 473533 GROMMET
 - 86 473536 AIR SEAL
 - 87 473544 SCREW-BND HD SELF TAP
 - 88 473582 INSULATOR
 - 89 477203 BRACKET-PLUG SUPPORT
 - 91 477283 CABLE
 - 92 477288 HEAT SINK
 - 93 477289 COVER-AIR SEAL
 - 94 533534 TERMINAL-INSULATED
 - 96 730175 BRACKET-UPPER SUPPORT
 - 97 730176 BRACKET-LOWER SUPPORT

- B 208205 CAPACITOR ASM 1250W 90MFD
USED ON 1402-1, 4 + 5 ONLY
- 101 11598 NUT
 - 102 28413 SCREW CAP MTG
 - 103 56121 LOCKWASHER
 - 104 191483 SPACER
 - 106 207206 BRKT CAP MTG
 - 107 207318 JUMPER
 - 108 208199 CHANNEL
 - 109 208200 MAIN PLATE CAP MTG
 - 111 221790 SCREW CHANNEL MTG
 - 112 478046 STUD CAP MTG
 - 113 478047 CAP 15 UF 61 33 VAC
 - 114 517913 TERMINAL FLAG
 - 116 526378 COVER CAP SAFETY
 - 117 597216 JUMPER
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 121 9092 LWASHER PWR SUPP MTG
 - 122 10170 SCREW-BRKT MTG
 - 123 22478 WASHER PWR SUPP MTG
 - 124 55918 SCREW PWR SUPP MTG
 - 126 186759 SCREW PWR SUPP
 - 127 207293 KEEPER PWR SUPP
 - 128 207382 RAIL PWR SUP MTG
 - 129 236849 SCREW-PWR SUPP CVR MTG
 - 130 369207 DECAL
 - 131 370616 CARD ASM-SMS
 - 132 609034 BRACKET-GUARD MTG
 - 133 609049 COVER-POWER SUPPLY
 - 134 1090873 LWASHER PWR SUPP MTG

POWER SUPPLY ASM. (3V AT 5A)

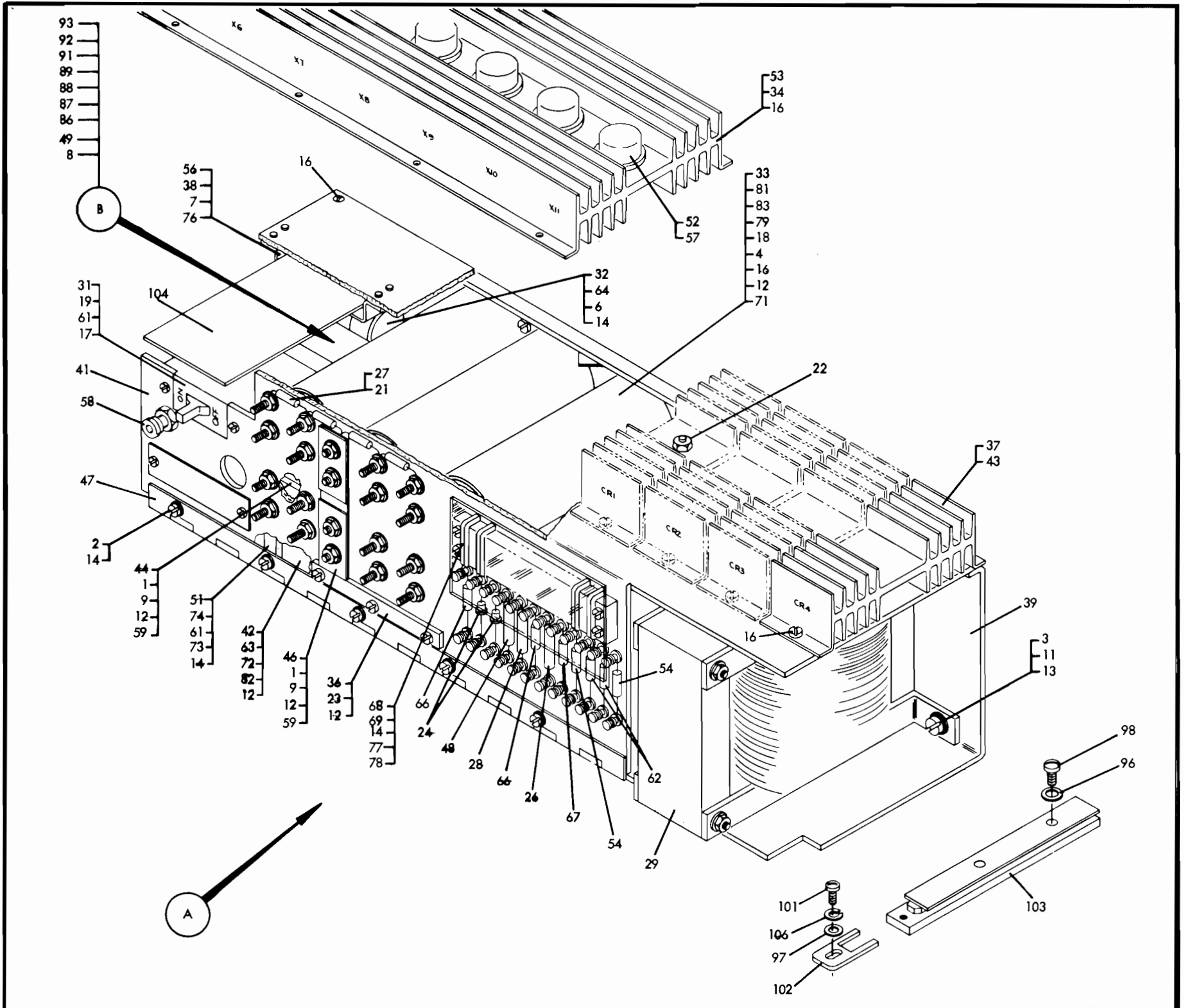


- A 208182 POWER SUPPLY ASM 3V AT 5A
- 1 10170 SCREW-CAP MTG
- 2 11598 NUT TFMR MTG
- 3 28413 SCREW-CHOKE MTG
- 4 36109 NUT CAP MTG
- 6 38450 SCREW-RELAY MTG
- 7 45690 WASHER MTG
- 8 55726 SCREW-MTG
- 9 56079 LWASHER-MTG
- 11 56722 LWASHER-MTG
- 12 76574 LWASHER-CAP MTG
- 13 78952 FUSE MDL .8 A
- 14 81693 SCREW-SHIELD MTG
- 16 179946 HOLDER-FUSE
- 17 186759 SCREW-MTG

- 18 207388 SHIELD-TRANSFORMER
- 19 208257 RELAY
- 21 208386 DIODE
- 22 209005 SEAL-HEAT SINK AIR
- 23 219993 CHOKE
- 24 219994 TRANSFORMER-AUTO
- 26 220596 TRANSFORMER
- 27 220787 RECTIFIER-HEAT SINK
- 28 220845 COMPONENT MTG PANEL
- 29 220908 HINGE
- 31 220909 CHASSIS
- 32 322550 SCREW-T B MTG
- 33 323543 CLAMP-CAP MTG
- 34 332620 SCREW-TFMR

- 36 337898 BOLT-CAP MTG
- 37 359695 TERMINAL LUG
- 38 440570 WASHER-SHIELD MTG
- 39 440752 SHIELD-T B
- 41 441042 CLIP-TB SHIELD
- 42 511592 TERMINAL BLOCK
- 43 529088 PLATE-CAP MTG
- 44 598343 CAPACITOR 25000 MFG 6V
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 48 236849 SCREW-SHIELD MTG
- 49 609183 SHIELD

POWER SUPPLY ASM. (20V AT 15A)

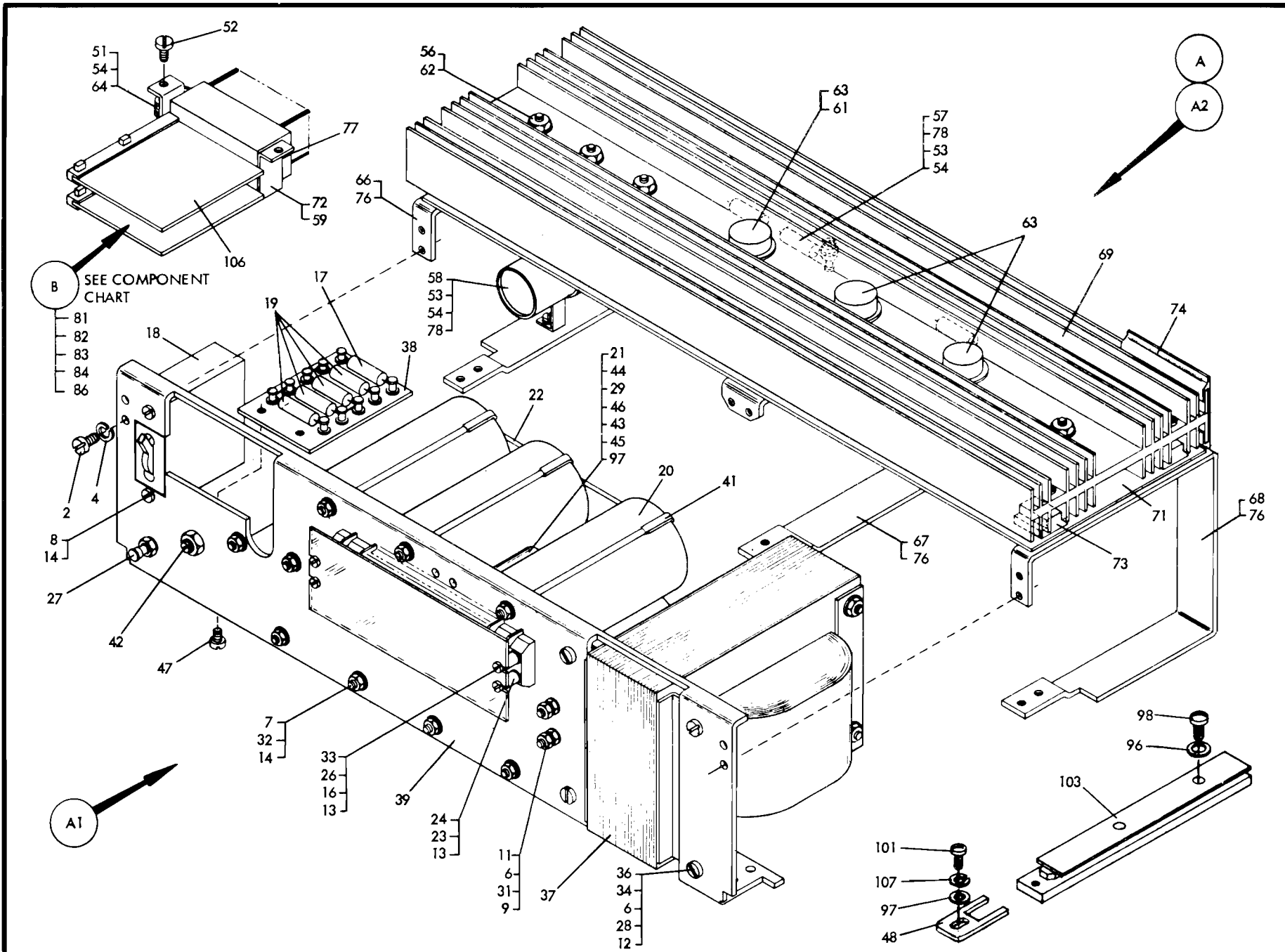


- A 207240 POWER SUPPLY ASM 20V AT 15A
- 1 122 SCREW-MTG
- 2 10170 SCREW HINGE MTG
- 3 32042 SCREW TFMR MTG
- 4 36109 NUT CAP MTG
- 6 38235 SCREW CAP MTG
- 7 38262 SCREW CARD MTG
- 8 38442 SCREW O/V MTG
- 9 45651 WASHER - MTG
- 11 45690 WASHER - TFMR MTG
- 12 55901 LWASHER -MTG
- 13 56079 LWASHER - TFMR MTG
- 14 56722 LWASHER - MTG
- 16 58207 SCREW - MTG
- 17 62031 LWASHER - MTG
- 18 76574 LWASHER - CAP MTG
- 19 81693 SCREW CB MTG
- 21 92784 CLIP TERMINAL
- 22 127324 DIODE
- 23 186759 SCREW BUS BAR MTG
- 24 207316 DIODE
- 26 207336 RESISTOR 250 OHM 5W
- 27 207365 RESISTOR 200 OHM 5 W
- 28 207381 RESISTOR 2 K 5 W
- 29 208175 TFMR
- 31 208198 CIRCUIT BREAKER
- 32 208229 CAP 700 MFD 15 VDC
- 33 208238 CAP 1000UMFD 33 VDC
- 34 208283 HEAT SINK TSTR

- 36 208286 BUS BAR ASM
- 37 208291 HEAT SINK RECT
- 38 208385 BRACKET CARD
- 39 208737 CHASSIS
- 41 208739 COMPO PANEL ASM
- 42 208825 RESISTOR 25 OHM 50W
- 43 208895 HEAT SK RECT
- 44 208896 BAR BUS
- 46 208897 TAP LINK
- 47 208900 HINGE
- 48 208938 RESISTOR 1650 OHM 5W
- 49 208982 RECEPTACLE ASM
- 51 208985 RESISTOR 0.1 JHM 5W
- 52 209001 TRANSISTOR
- 53 209005 SEAL - AIR
- 54 213693 RESISTOR 1K 1/2W
- 56 216075 SOCKET CARD
- 57 219423 TUBING TSTR
- 58 220918 CIRCUIT BREAKER
- 59 257188 NUT MTG
- 61 257986 WASHER - MTG
- 62 300721 RESISTOR 10K 1/2W
- 63 304479 SCREW RES MTG
- 64 314047 STRIP TIE
- 66 317019 RESISTOR 2K 1/2 W
- 67 317024 RESISTOR 5.1 K 1/2W
- 68 317145 TERMINAL BOARD
- 69 322550 SCR TB MTG

- 71 323543 CLAMP CAP MTG
- 72 323597 WASHER - CUP RES MTG
- 73 331150 WASHER - RES MTG
- 74 334598 SCREW RES MTG
- 76 338169 LWASHER - CARD MTG
- 77 440882 SHIELD SAFETY
- 78 441042 CLIP SHIELD MTG
- 79 511096 BOLT CAP MTG
- 81 511097 PLATE CAP
- 82 521695 WASHER - RES MTG
- 83 529088 PLATE CAP
- B 208972 OVER VOLTAGE ASM 20V
- 86 38433 SCREW BRACKET MTG
- 87 208939 BRACKET OVERVOLTAGE
- 88 208946 TRANSISTOR ASM
- 89 208971 COMPONENT BOARD ASM
- 91 251970 SCREW TSTR MTG
- 92 332727 PLUG JONES TYPE 303
- 93 438548 SCREW PLUG MTG
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 96 9092 LWASHER-POWER SUPPLY MTG
- 97 22478 WASHER PWR SUPP MTG
- 98 55918 SCREW PWR SUPP MTG
- 101 186759 SCREW PWR SUPP
- 102 207293 KEEPER PWR SUPP
- 103 207382 RAIL PWR SUP MTG
- 104 371656 CARD ASM SMS-C.E.M.
- 106 1090873 LWASHER PWR SUPP MTG

POWER SUPPLY ASM. (20V AT 15A)



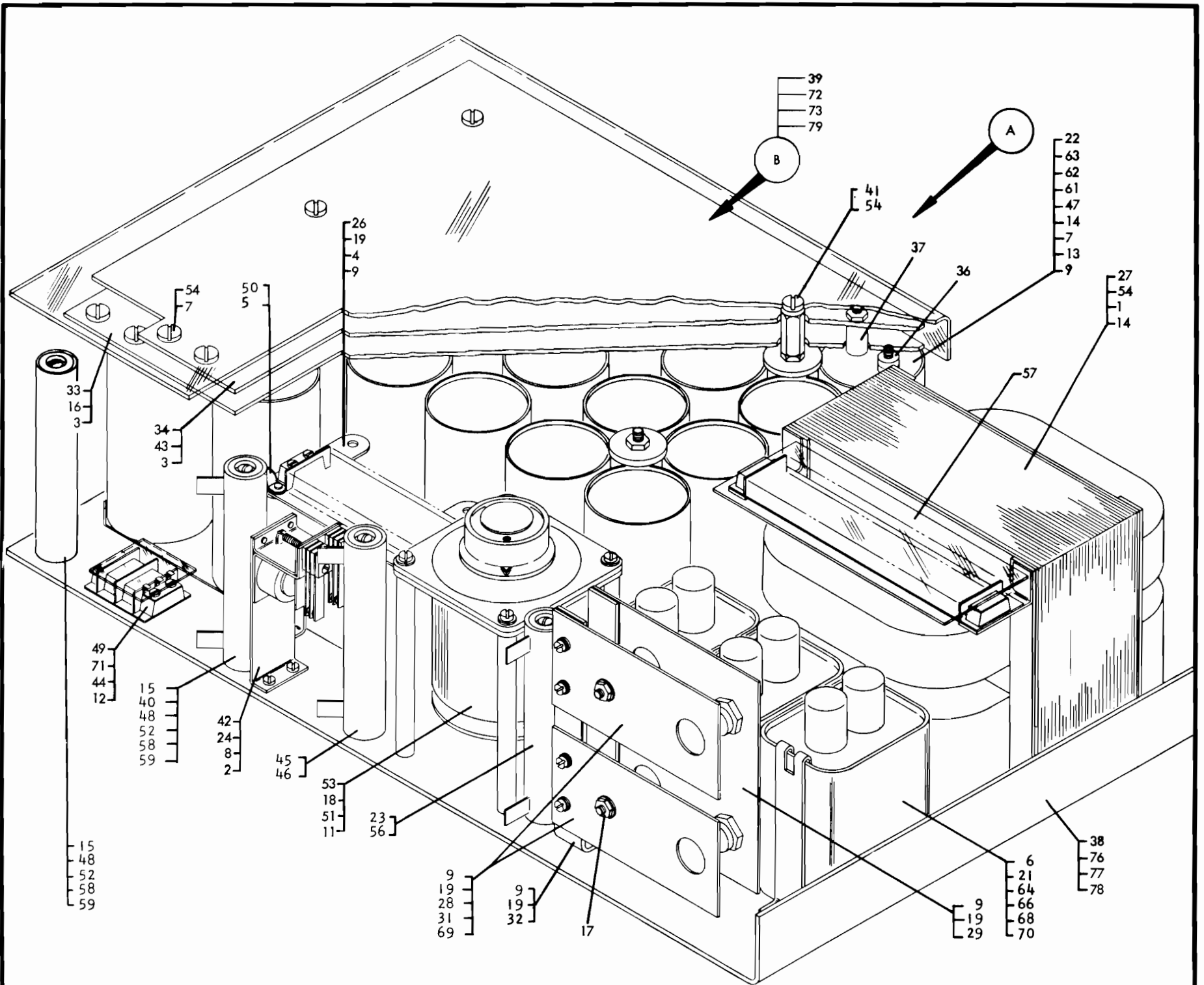
- A 473430 POWER SUPPLY ASM 20V DC 15A
USED ON 1402-1, 4 + 5 60 CY
MACHINES ONLY
- A 442542 POWER SUPPLY ASM
USED ON 1402-1, 4 + 5 50 CY
MACHINES ONLY
- 2 28413 SCREW
- 4 56121 LWASHER
- A1 473434 MTG PLATE ASM
- 6 11598 SCREW
- 7 38051 NUT
- 8 38235 SCREW
- 9 45697 WASHER
- 11 55918 SCREW
- 12 56121 LWASHER
- 13 60646 LWASHER
- 14 62031 LWASHER
- 16 188696 SHIELD
- 17 207336 RESISTOR 250 OHM 5W
- 18 207350 CIRCUIT BREAKER
- 19 207365 RESISTOR 200 OHM 5W
- 20 208238 CAPACITOR 10000 MFD 33VDC
- 21 208825 RESISTOR 25 OHM 50W
- 22 208989 JUMPER
- 23 210984 SCREW
- 24 210985 STUD
- 26 210986 STUD
- 27 220918 CIRCUIT BREAKER
- 28 237032 WASHER
USED ON ASM A 47343
- 28 47242 WASHER
USED ON ASM A 442542
- 29 257189 NUT
- 31 257354 WASHER
- 32 257986 WASHER
- 33 315956 TERMINAL BOARD
- 34 438601 SCREW
- 36 473396 SPACER
- 37 473416 TRANSFORMER
USED ON ASM A 47343
- 37 441191 TRANSFORMER
USED ON ASM A 442542

- 38 473436 TERMINAL BOARD
- 39 473437 PLATE
- 41 473543 CLAMP
- 42 504297 SWITCH
- 43 507144 WASHER
- 44 515718 SCREW
- 45 518130 JUMPER
- 46 521695 MICA WASHER
- 47 1091655 SCREW
- 48 491228 CAPACITOR
USED ON ASM A 442542
- A2 473435 HEAT SINK ASM
- 51 38051 NUT
- 52 38235 SCREW
- 53 55726 SCREW
- 54 62031 LWASHER
- 56 127324 DIODE
- 57 207324 RESISTOR 0.1 OHM 5W
- 58 208229 CAPACITOR 700 MFD 15VDC
- 59 216206 GUIDE
- 61 316996 TERMINAL
- 62 322765 TERMINAL
- 63 369214 TRANSISTOR
- 64 442124 WASHER
- 66 473377 BRACKET
- 67 473378 BRACKET
- 68 473379 BRACKET
- 69 473438 HEAT SINK
- 71 473439 COVER
- 72 473530 BRACKET
- 73 473531 INSULATOR
- 74 473536 AIR SEAL
- 76 473544 SCREW
- 77 473547 SPACER
- 78 533534 TERMINAL
- B 370579 CARD ASM TSTR OVER VOLTAGE
- 81 38262 SCREW
- 82 47987 NUT
- 83 208942 BRACKET
- 84 306052 NUT
- 86 438539 SCREW

- PARTS NOT INCLUDED WITH ASSEMBLIES
- 96 9092 LWASHER-POWER SUPPLY MTG
 - 97 22478 WASHER-POWER SUPPLY MTG
 - 98 55918 SCREW-POWER SUPPLY MTG
 - 101 186759 SCREW-POWER SUPPLY
 - 102 207293 KEEPER-POWER SUPPLY
 - 103 207382 RAIL-POWER SUPPLY MTG
 - 106 370611 SMS CARD
 - 107 1090873 LWASHER-POWER SUPPLY MTG

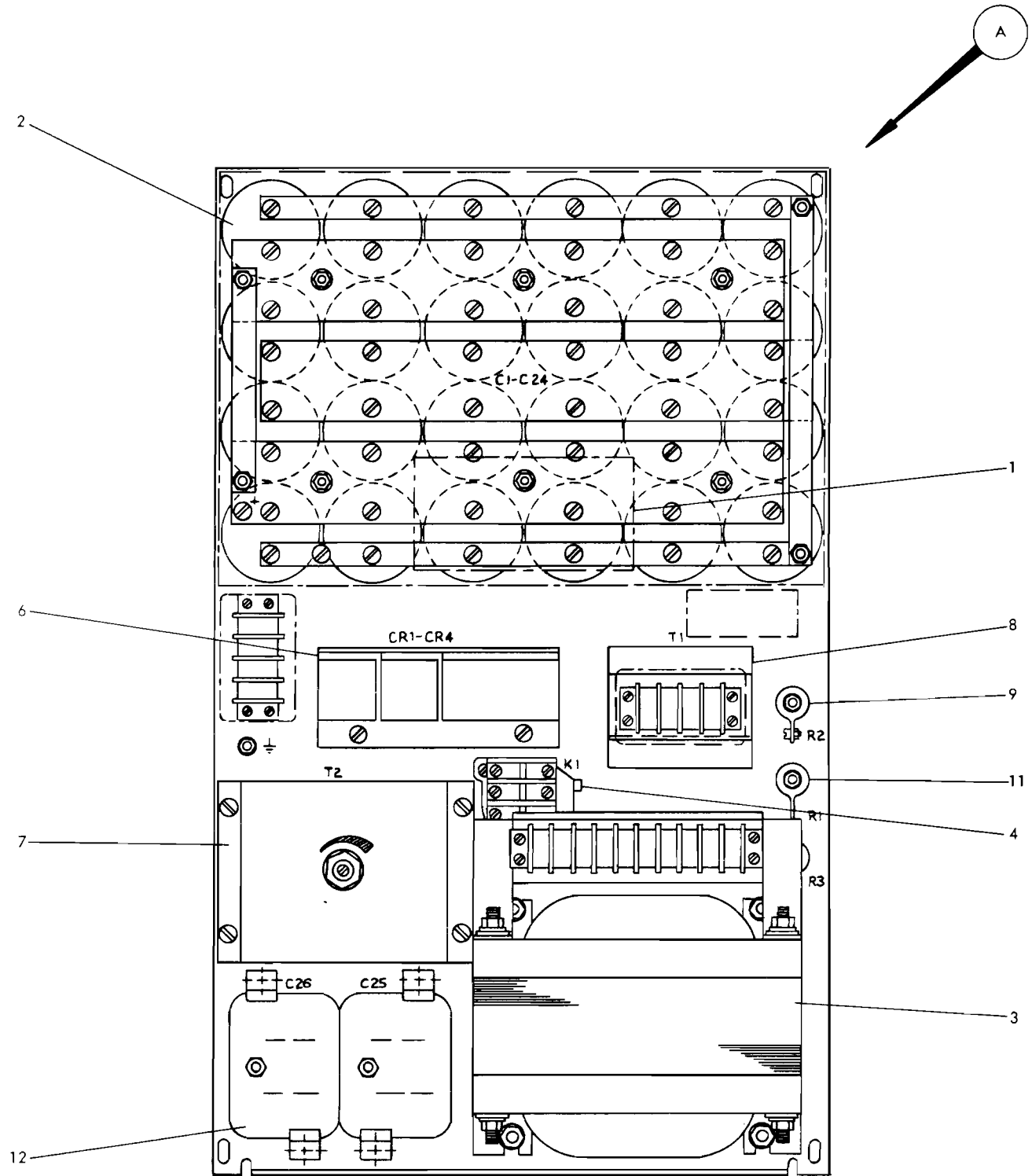
COMPONENT CHART			
POS	PART NO.	VALUE	POS PART NO. VALUE
1			18
2	207341	1.5K 5W	19 208952 750 OHM 1W
3			20
4			21
5	323920	3K	22 317025 6.8K
6			23
7			24
8	317021	2.7K	25 512400 200 OHM 1W
9			26 317017 1.5K
10			27
11			28
12			29 512400 200 OHM 1W
T1	535441		D3 208950
T2	535441		T4 369087
13			30 355683 51 OHM 1W
14			31
15	124575	.22 UF	32 317007 220 OHM
16	208226	0.3 OHM 5W	33
17			34 208975 C35U

POWER SUPPLY ASM. (60V AT 10A)



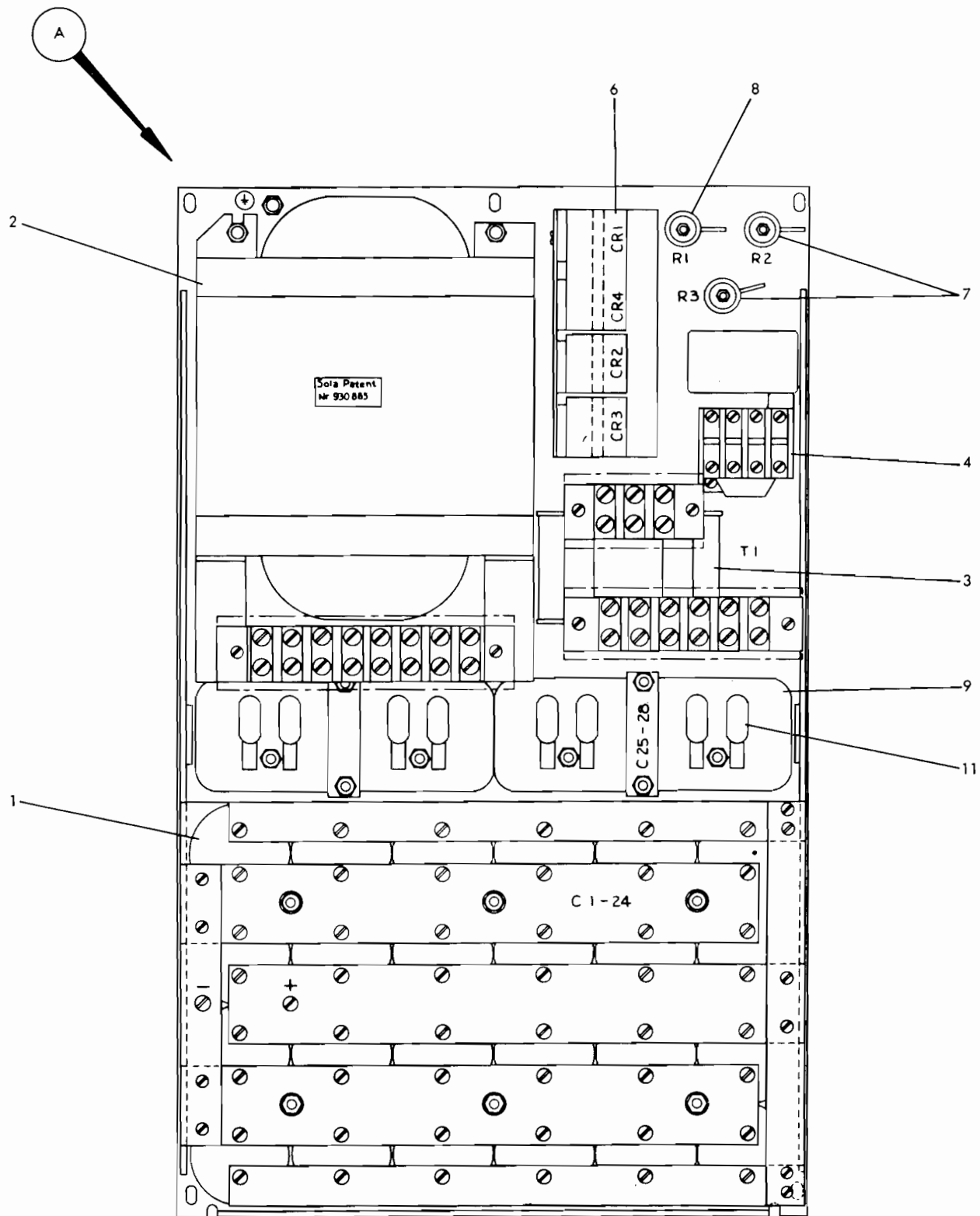
A	220902 POWER SUPPLY ASM 60V AT 10A USED ON 1402-1 2 ONLY	31	221971 INSULATOR HEAT SINK MTG	61	511096 BOLT CAP MTG
1	3550 WASHER REG MTG	32	221972 BRACKET HEAT SINK MTG	62	511097 PLATE CAP MTG
2	10170 SCR BRKT MTG	33	221982 PLATE BUS POS	63	511098 PLATE CAP MTG
3	11598 NUT PLATE MTG	34	222011 PLATE BUS NEG	64	524928 BRACKET-CAP MTG
4	22478 WASHER CAP MTG	36	222022 SPACER CAP	66	517913 TERMINAL FLAG
5	5528 SCREW	37	222023 SPACER BUS BAR	68	526378 INSULATOR TERMINAL
6	2031 SCREW-CAP MTG	38	222024 PANEL	69	1073412 BUSHING INSULATING
7	36109 NUT	39	222026 SHIELD	70	1090873 LOCKWASHER
8	38452 SCR RELAY MTG	40	287461 WASHER	71	2101380 INSULATOR TB MTG
9	55901 LWASHER - MTG	41	222027 SPACER SHIELD MTG	B	613722 SHIELD ASM 60V PWR SPLY
11	56079 LWASHER - VARIAC MTG	42	242618 RELAY	72	223528 RUBBER CHANNEL
12	56722 LWASHER - T B MTG	43	322026 ROD THRD BUS MTG	73	614048 SHIELD PWR SPLY
13	58207 SCREW - MTG	44	322550 SCREW TB MTG	PARTS NOT INCLUDED WITH ASSEMBLIES	
14	76574 LWASHER - MTG	45	347177 WASHER	76	358 SCREW POWER SUPPLY MTG
15	60646 LOCKWASHER-RESISTOR MTG	46	322739 RESISTOR 50 OHM 50W	77	9092 LWASHER PWR SUPP MTG
16	118635 ROD THRD BUS MTG	47	323543 CLAMP CAP MTG	78	45690 WASHER-POWER SUPPLY MTG
17	127324 DIODE	48	442958 WASHER	79	58207 SCREW SHIELD
18	170346 SPACER VARIAC MTG	49	323840 TERMINAL BLOCK		
19	186759 SCREW	50	327921 CLAMP		
21	207361 CAP 15 MFD 330V AC	51	332620 SCREW VARIAC MTG		
22	208232 CAP 3500 MFD 75 V DC	52	304479 SCREW RESISTOR MTG		
23	208825 RESISTOR 25 OHM 50 W	53	360310 VARIAC		
24	209004 BRKT RELAY MTG	54	438622 SCREW		
26	221266 TRANSFORMER BUCK BOOST	56	504698 SCREW-RESISTOR MTG		
27	221342 REGULATOR	57	210990 SHIELD		
28	221932 HEAT SINK RECTIFIER	58	507144 WASHER RESISTOR MTG		
29	221961 HEAT SINK - RECTIFIER	59	509798 RESISTOR 150 OHM 50W		

POWER SUPPLY ASM. (60V AT 10A 50 CYCLE)



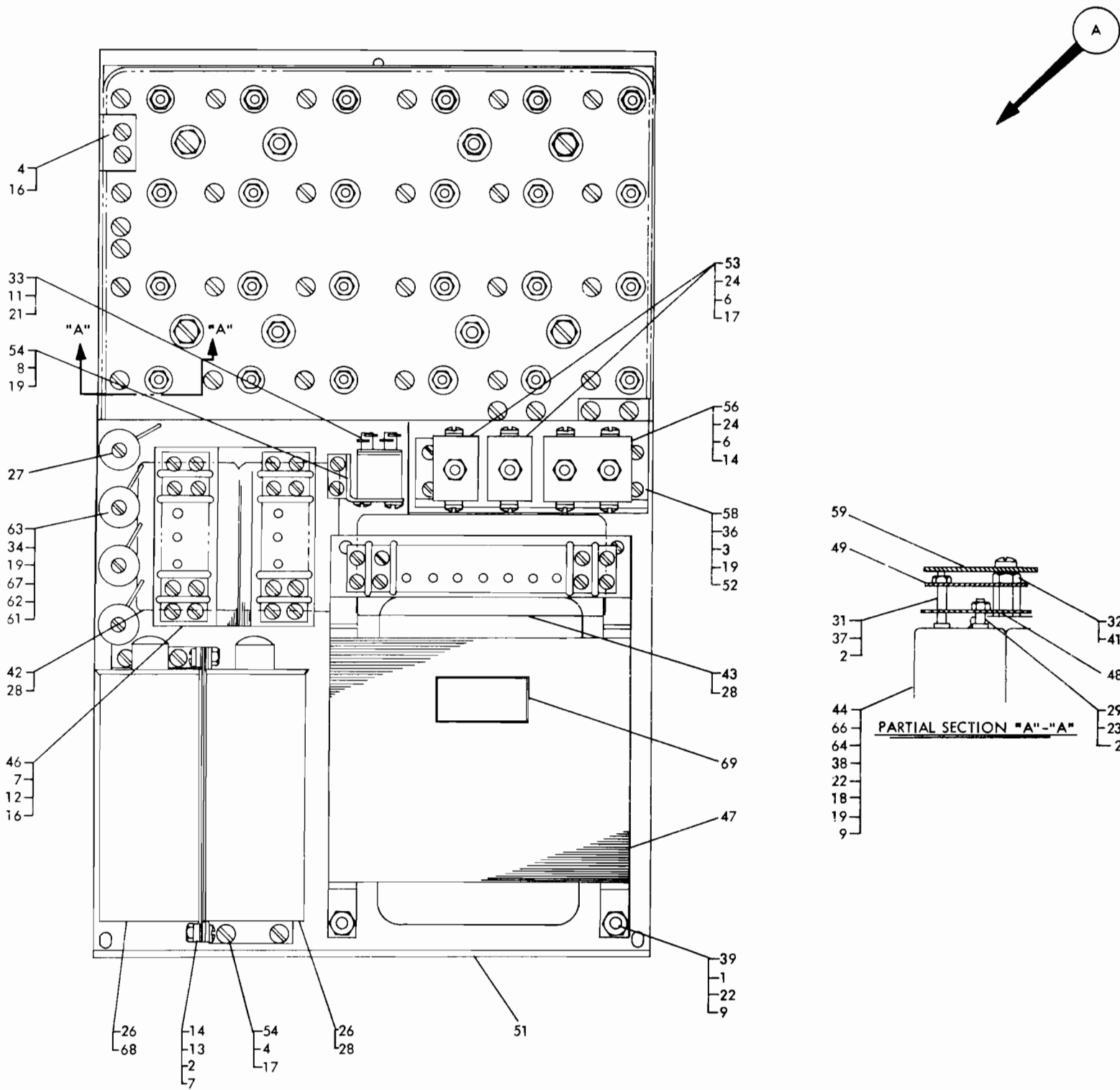
- A 4117449 POWER SUPPLY ASM 60V AT 10A
USED ON 50 CYCLE MACHINES ONLY
- 1 369208 LABEL
 - 2 4116261 CAPACITOR 4000 MF
 - 3 4116373 FERRO
 - 4 4116890 CONTACTOR
 - 6 4116933 DIODE
 - 7 4117523 VARIAC
 - 8 4117524 TRANSFORMER
 - 9 4117741 RESISTOR 50 OHM
 - 11 4117742 RESISTOR 150 OHM
 - 12 8010761 CAPACITOR AC

POWER SUPPLY ASM. (60V AT 20A 50 CYCLE)



- A 4117404 POWER SUPPLY ASM 60V AT 20A
USED ON 50 CYCLE MACHINES
- 1 4116261 CAPACITOR
- 2 4116374 FERRORES REG
- 3 4116380 TRANSFORMER
- 4 4116890 CONTACTOR
- 6 4116933 RECTIFIER CELL
- 7 4117741 RESISTOR
- 8 4117742 RESISTOR
- 9 8010761 CAPACITOR
- 11 8011060 INSULATION

POWER SUPPLY ASM. (60V AT 20A)

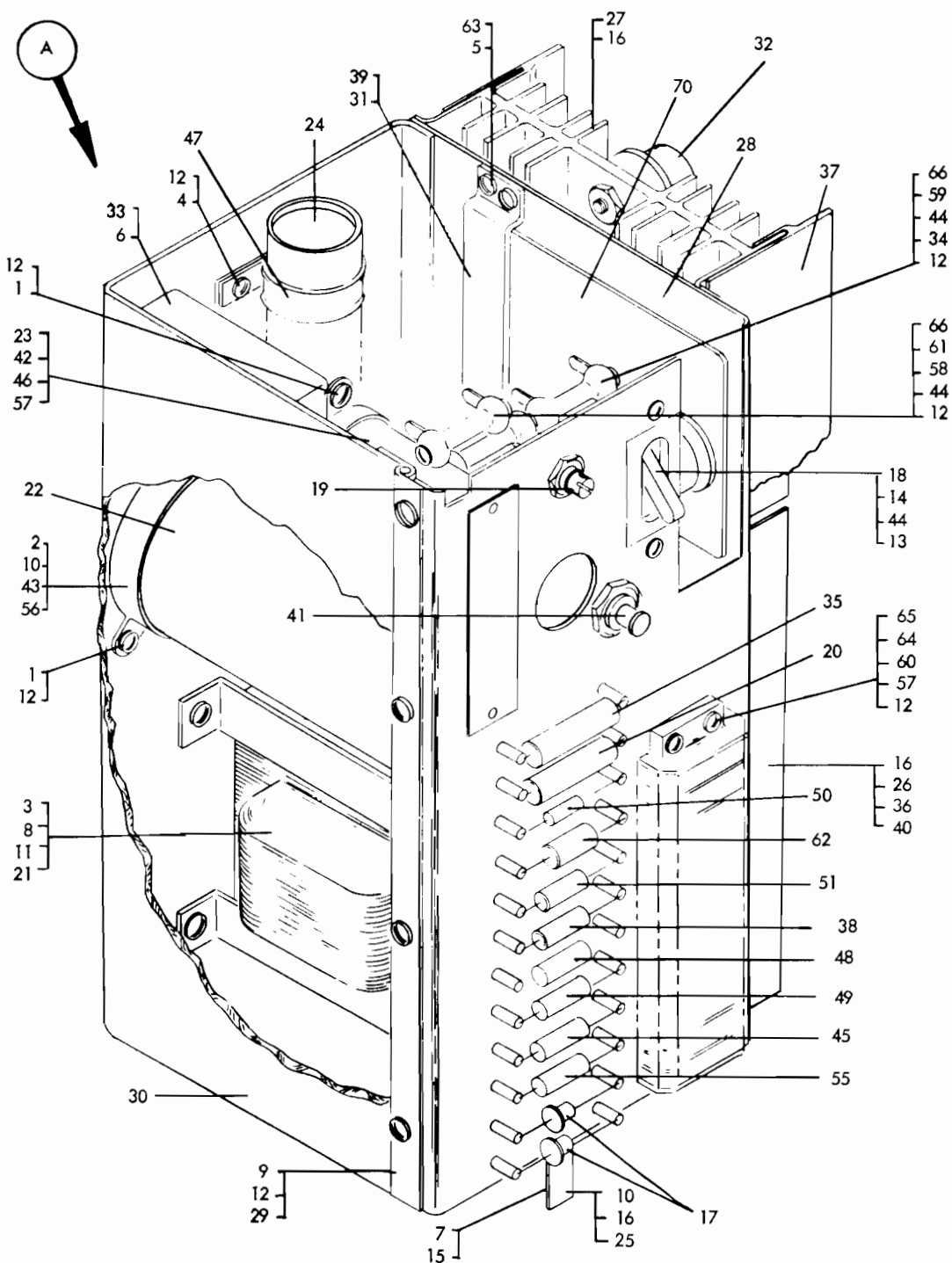


- A 480765 POWER SUPPLY ASM 60V DC AT 20A
- 1 3550 WASHER
- 2 11598 NUT
- 3 22478 WASHER
- 4 28413 SCREW BRKT MTG
- 6 32042 SCREW
- 7 32617 SCREW
- 8 34512 SCREW
- 9 36109 NUT
- 11 38235 SCREW
- 12 45690 WASHER
- 13 47242 WASHER
- 14 55918 SCREW
- 16 56079 LOCKWASHER
- 17 56121 LOCKWASHER BRKT MTG
- 18 58207 SCREW
- 19 60646 LOCKWASHER

- 21 62031 LOCKWASHER
- 22 76574 LOCKWASHER
- 23 118635 ROD
- 24 127324 DIODE
- 26 208388 CAPACITOR 25 MFD
- 27 208825 RESISTOR 25 OHMS 50W
- 28 210984 SCREW
- 29 222022 SPACER
- 31 222023 SPACER
- 32 222027 SPACER
- 33 242618 RELAY
- 34 304479 SCREW
- 36 321483 SCREW
- 37 322026 ROD
- 38 323543 CLAMP
- 39 325660 SCREW
- 41 438622 SCREW
- 42 473526 SHIELD
- 43 473545 SHIELD
- 44 480749 CAPACITOR

- 46 480750 TRANSFORMER
- 47 480751 FERRO REGULATOR
- 48 480752 BUS PLATE
- 49 480753 BUS PLATE
- 51 480754 PANEL
- 52 480756 INSULATION
- 53 480757 HEAT SINK
- 54 480758 BRACKET
- 56 480759 HEAT SINK
- 57 480760 BRACKET
- 58 480761 BASE
- 59 480763 SHIELD
- 61 504698 SCREW
- 62 507144 WASHER CTR
- 63 509798 RESISTOR 150 OHMS 5 W
- 64 511096 BOLT
- 66 511099 MTG PLATE
- 67 521695 WASHER ASB
- 68 526378 TERMINAL INSULATOR CAPACITOR
- 69 801652 LABEL

POWER SUPPLY ASM. (12V AT 4A)



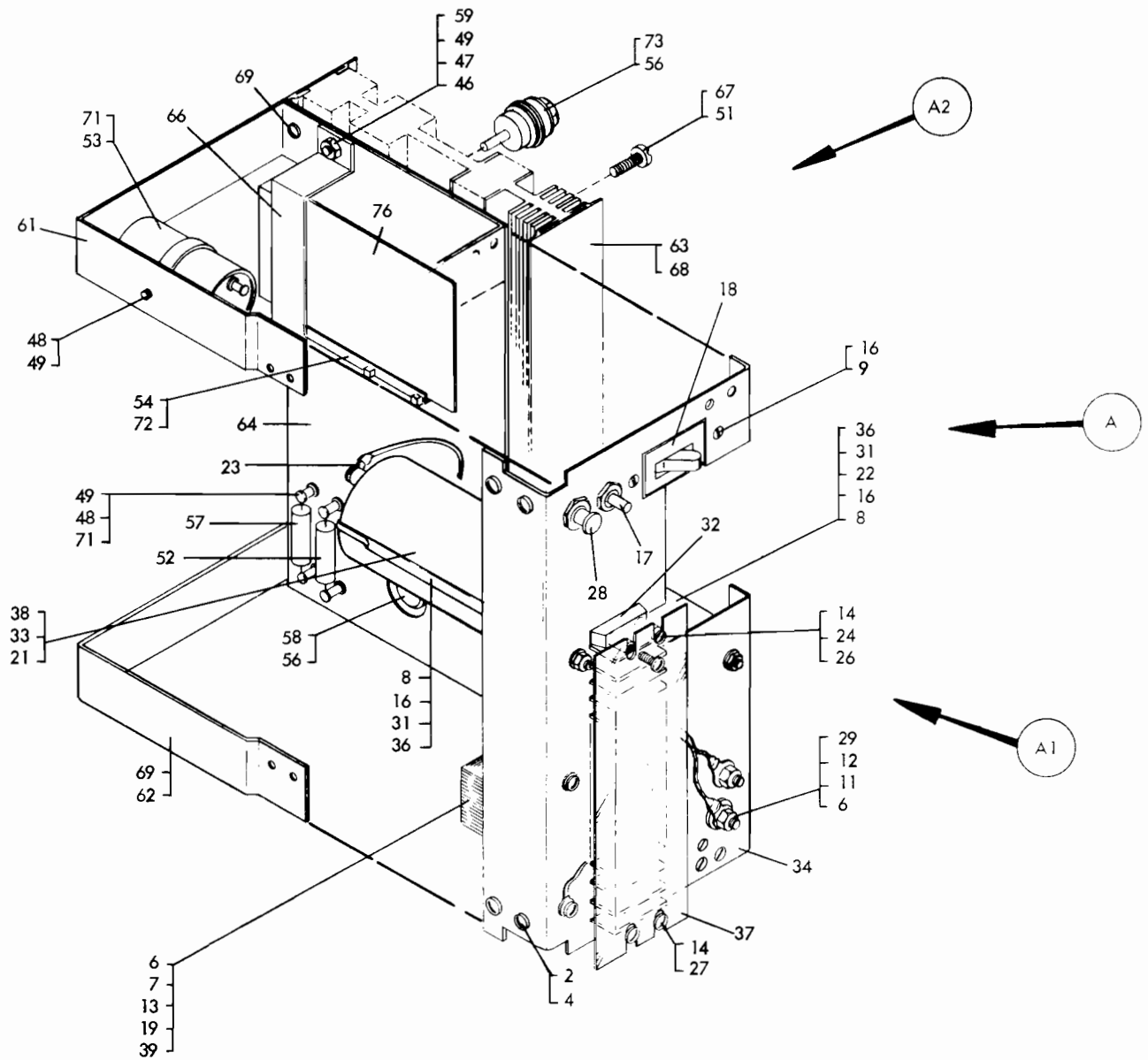
A 207267 POWER SUPPLY ASM 12V AT 4A

- 1 10170 SCREW-CAP MTG
- 2 19944 SCREW-CAP MTG
- 3 28413 SCREW-TRANSFORMER MTG
- 4 38235 SCREW-CAP MTG
- 5 38262 SCREW-CD BRKT MTG
- 6 38442 SCREW
- 7 45651 WASHER-BUS BAR MTG
- 8 45690 WASHER-TRANSFORMER MTG
- 9 55726 SCREW HINGE MTG
- 10 55901 LOCKWASHER
- 11 56079 LOCKWASHER
- 12 56722 LOCKWASHER
- 13 62031 LOCKWASHER
- 14 81693 SCREW-CB MTG
- 15 103898 SCREW-BUS BAR MTG
- 16 186759 SCREW
- 17 207316 DIODE
- 18 207348 CB 70-115-C
- 19 207357 POT 200 OHM 2W
- 20 207381 RESISTOR 2K 5W
- 21 222791 TRANSFORMER

- 22 208221 CAPACITOR 11000 OHM 19V
- 23 208228 CAPACITOR 5500 MFD 19V
- 24 208229 CAPACITOR-700 MFD 15V
- 25 208286 BUS BAR
- 26 208373 HEAT SINK
- 27 208374 HEAT SINK
- 28 208377 PANEL-COMPONENT
- 29 208378 HINGE
- 30 208379 CHASSIS
- 31 208385 BRACKET-CD SOCKET MTG
- 32 598479 DIODE
- 33 208982 RECEPTACLE
- 34 208985 RESISTOR .1 OHM 5W
- 35 208986 RESISTOR 325 OHM 5W
- 36 209001 TRANSISTOR
- 37 209005 SEAL-AIR
- 38 213693 RESISTOR 1K 1/2W
- 39 216075 SOCKET-CARD
- 40 219423 TUBING TSTR
- 41 220914 CIRCUIT BREAKER
- 42 257187 NUT CAP MTG
- 43 257189 NUT CAP MTG
- 44 257986 WASHER

- 45 300721 RESISTOR 10K 1/2W
- 46 301768 BRACKET-CAP MTG
- 47 314047 STRIP-TIE CAP
- 48 317005 RESISTOR 160 OHM 1/2W
- 49 317012 RESISTOR 510 OHM 1/2W
- 50 317019 RESISTOR
- 51 317276 RESISTOR 1.2K 1/2W
- 55 317529 RESISTOR 8.2K 1/2W
- 56 320456 BRACKET-CAP MTG
- 57 322550 SCREW
- 58 476367 RESISTOR 150 OHM 5W
- 59 322556 SCREW
- 60 334596 TERMINAL BLOCK
- 61 334598 SCREW
- 62 335138 RESISTOR-200 OHM 2W
- 63 338169 LOCKWASHER
- 64 440550 SHIELD
- 65 441042 CLIP-SHIELD MTG
- 66 442959 WASHER
- 70 371656 SMS CARD ASM

POWER SUPPLY ASM. (12V AT 4A)

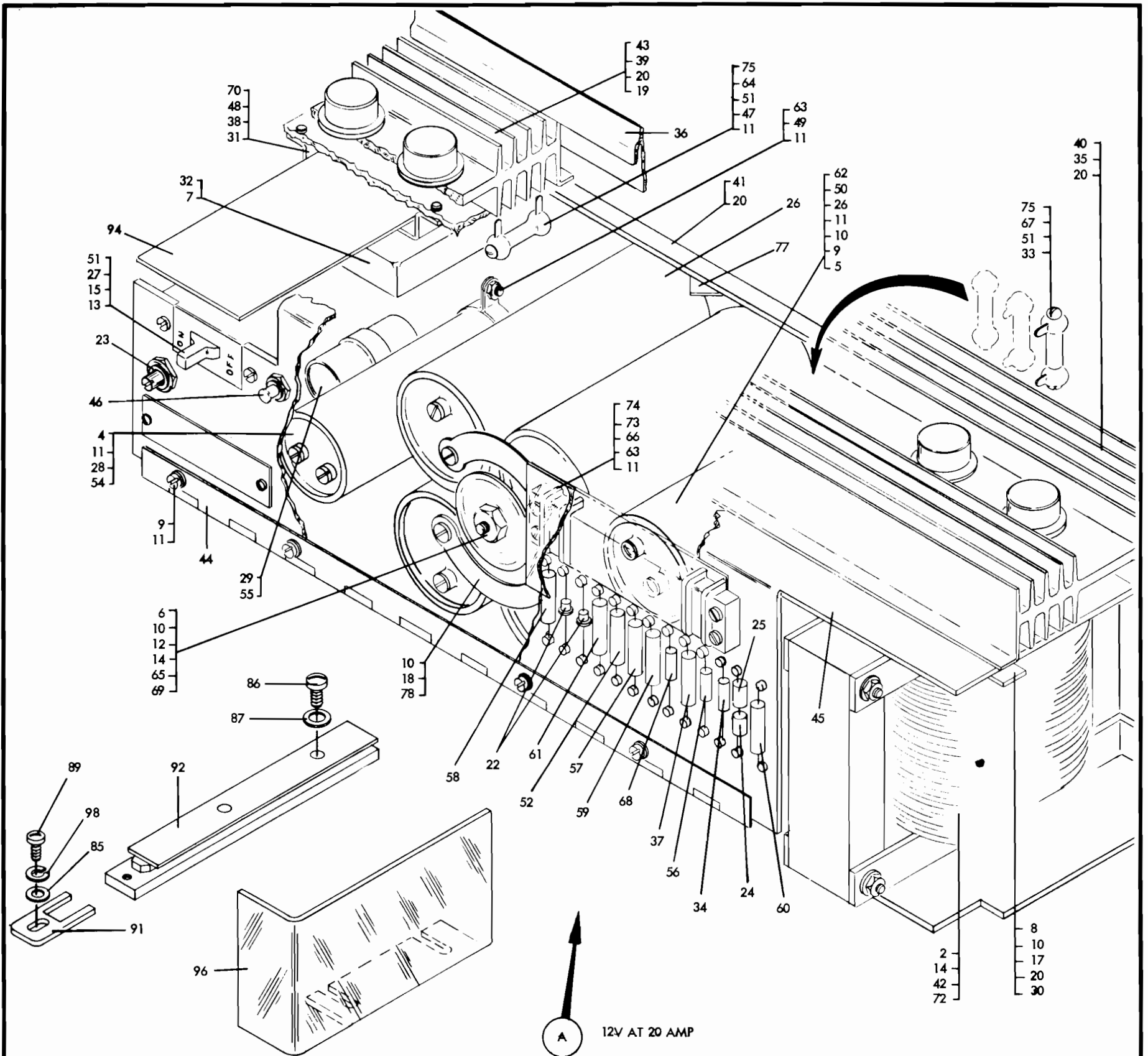


A	473490	POWER SUPPLY ASM 12V AT 4A
2	28413	SCREW
4	56121	LWASHER
A1	473494	COMPONENT PLATE ASM
6	11598	NUT
7	32617	SCREW
8	38051	NUT
9	38235	SCREW
11	45697	WASHER
12	55918	SCREW
13	56121	LWASHER
14	60646	LWASHER
16	62031	LWASHER
17	207340	POTENTIOMETER
18	207348	CIRCUIT BREAKER
19	208183	TRANSFORMER
21	208221	CAPACITOR 11000 MFD 19V DC
22	208228	CAPACITOR 5500 MFD 19V
23	208989	JUMPER
24	210984	SCREW

26	210985	STUD
27	210986	STUD
28	220914	CIRCUIT BREAKER
29	257354	WASHER
31	257986	WASHER
32	323844	TERMINAL BOARD
33	334932	TERMINAL
34	473497	PLATE
36	473543	CLAMP
37	473545	SHIELD
38	476367	RESISTOR 150 OHM 5W
39	597575	WASHER
A2	473495	HEAT SINK ASM
46	38051	NUT
47	38235	SCREW
48	55726	SCREW
49	62031	LWASHER
51	79779	SCREW
52	207324	RESISTOR 0.1 OHM 5W
53	208229	CAPACITOR 700 MFD 15V DC
54	216206	GUIDE

56	316996	TERMINAL
57	335138	RESISTOR 200 OHM 2W
58	369214	TRANSISTOR
59	442124	WASHER
61	473377	BRACKET
62	473379	BRACKET
63	473498	HEAT SINK
64	473499	COVER
66	473530	BRACKET
67	473531	INSULATOR
68	473536	AIR SEAL
69	473544	SCREW
71	533534	TERMINAL
72	473547	SPACER
73	598479	RECTIFIER
PARTS NOT INCLUDED WITH ASSEMBLIES		
76	370610	SMS CARD

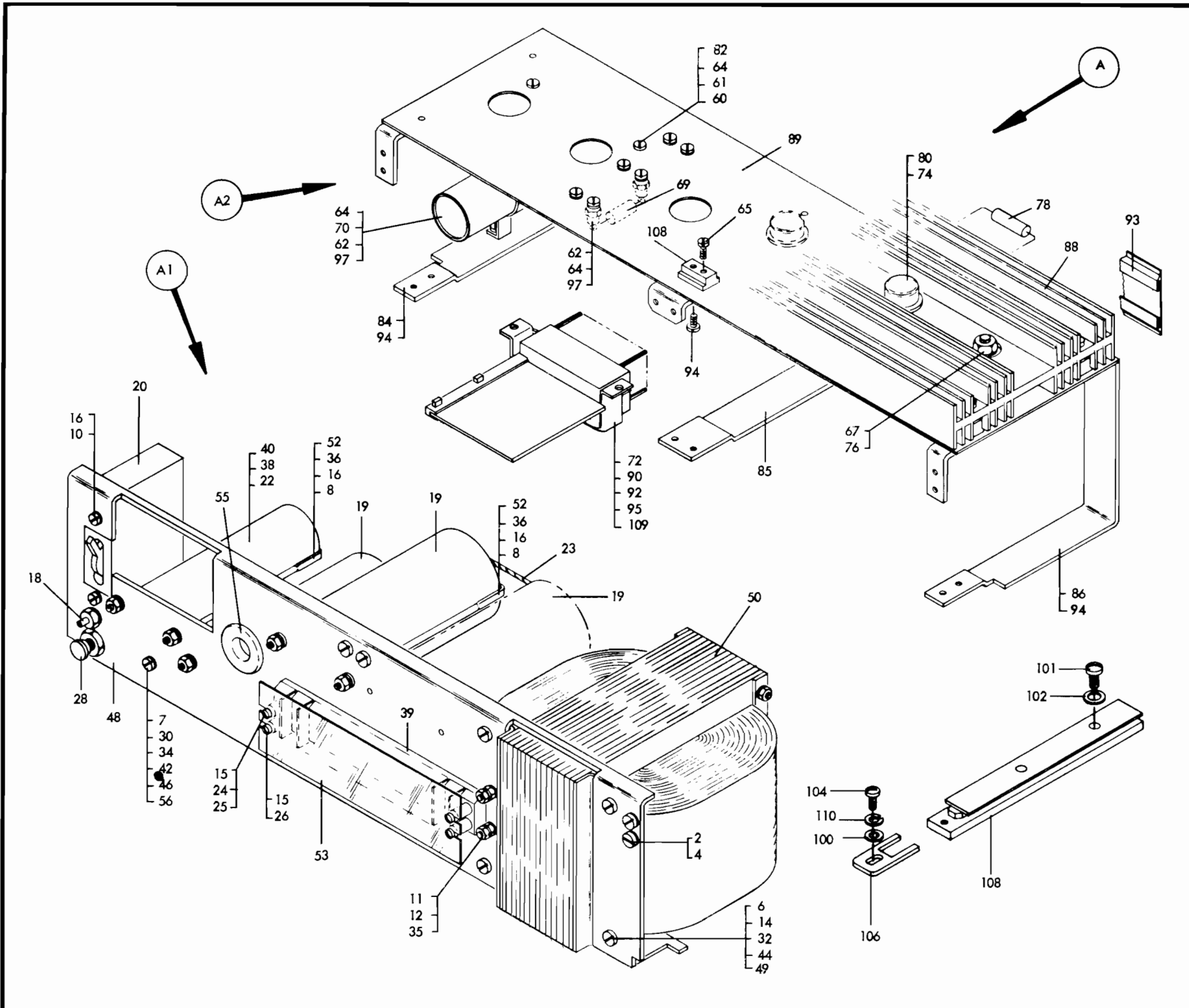
POWER SUPPLY ASM. (12V AT 20A)



A	221873 POWER SUPPLY ASM 12V AT 20A	32	208982 RECEPTACLE	61	317529 RESISTOR 8.2K 1/2 W
2	3550 WASHER TFMR MTG	33	208985 RESISTOR .1 OHM 5 W	62	320456 BRACKET CAP MTG
4	10170 SCREW CAP MTG	34	208986 RESISTOR 325 OHM 5 W	63	322550 SCREW
5	19944 SCREW CLAMP MTG	35	209001 TRANSISTOR	64	322554 SCREW RES MTG
6	36109 NUT CAP MTG	36	209005 SEAL HEAT SINK AIR	65	323543 CLAMP CAP MTG
7	38442 SCREW ON MTG	37	213693 RESISTOR 1 K 1/2 W	66	334596 TERMINAL BLOCK
8	45651 WASHER BUS BAR MTG	38	216075 SOCKET CARD	67	334598 SCREW RES MTG
9	55726 SCREW	39	219423 TUBING TSTR	68	335138 RESISTOR 200 OHM 2 W
10	55901 LOCKWASHER	40	219943 SINK HEAT TSTR	69	337898 BOLT CAP MTG
11	56722 LOCKWASHER	41	219947 CHASSIS	70	338169 LCKW CARD MTG
12	58207 SCREW CAP MTG	42	219980 TRANSFORMER	72	438622 SCREW TFMR MTG
13	62031 LCKW CB MTG	43	220780 SINK HEAT RECTIFIER	73	440550 SHIELD
14	76574 LOCKWASHER	44	220840 HINGE	74	441042 CLIP SHIELD MTG
15	81693 SCREW CB MTG	45	220842 PANEL-COMPONENT	75	442959 WASHER
17	103898 SCREW BUS BAR MTG	46	220918 CIRCUIT BREAKER	77	511097 PLATE CAP MTG
18	103899 SCREW BUS BAR MTG	47	221517 RESISTOR 75 OHM 10 W	78	521849 BUSS BAR
19	127324 DIODE	48	251970 SCREW CARD MTG		PARTS NOT INCLUDED WITH ASSEMBLIES
20	186759 SCREW	49	257187 NUT CAP MTG	85	22478 WASHER KEEPER
22	207316 DIODE	50	257189 NUT CLAMP MTG	86	55918 SCREW RAIL
23	207357 POTENTIOMETER	51	257986 WASHER	87	56079 LWSHR RAIL
24	207371 RESISTOR 800 OHM 5W	52	300721 RESISTOR 10 K 1/2 W	89	186759 SCREW PWR SUPP
25	207373 RESISTOR 1150 OHM 5W	54	301768 BRACKET CAP MTG	91	207293 LATCH BLK
26	208221 CAP 11000 MFD 19V DC	55	314047 TERMINAL BLOCK	92	207382 RAIL SUPP PWR SUPP MTG
27	208223 CIRCUIT BREAKER	56	317005 RESISTOR 160 OHM 1/2W	94	371656 CARD ASM SMS
28	208228 CAP 5500 MFD 19 V DC	57	317012 RESISTOR 510 OHM 1/2W	96	614138 SHIELD PWR SUPP 12 VOLT
29	208229 CAP 700 MFD 15 V DC	58	317019 RESISTOR	98	1090873 LWSHR KEEPER
30	208286 BUS BAR	59	317276 RESISTOR 1.2 K 1/2 W		
31	208385 BRACKET CARD	60	317433 RESISTOR 560 OHM 1 W		

1402 FIG. 77

POWER SUPPLY ASM. (12V AT 20A)

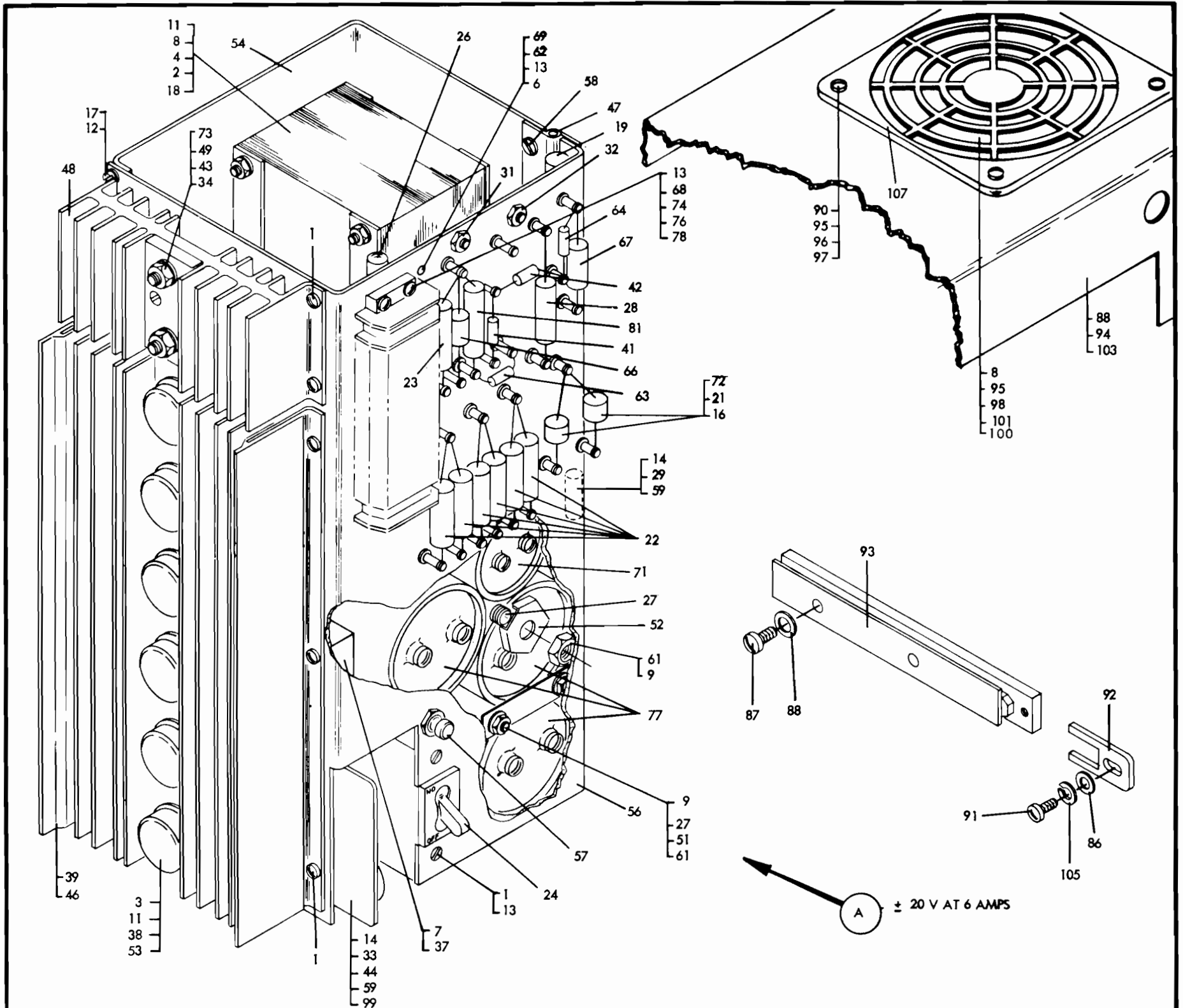


A	473380	POWER SUPPLY ASM 12V DC 20A USED ON 1402-2 ONLY
2	28413	SCREW
4	56121	LOCKWASHER
A1	437384	COMPONENT PLATE ASM
6	11598	NUT
7	22478	WASHER
8	38051	NUT
10	38235	SCREW
11	45697	WASHER
12	55918	SCREW
14	56121	LOCKWASHER
15	60646	LOCKWASHER
16	62031	LOCKWASHER
18	207340	POTENTIOMETER 250 OHM 1/2W
19	208221	CAPACITOR 11000MFD 19V DC
20	208223	CIRCUIT BREAKER
22	208228	CAPACITOR 5500 MFD 19V
23	208989	JUMPER
24	210984	SCREW
25	210985	STUD
26	210986	STUD
28	220918	CIRCUIT BREAKER
30	221517	RESISTOR 75 OHM 10W
32	237032	WASHER
34	257189	NUT

35	257354	WASHER
36	257986	WASHER
38	317433	RESISTOR 560 OHM 1W
39	323844	TERMINAL BLOCK
40	334932	TERMINAL
42	438582	SCREW
44	438601	SCREW
46	442959	WASHER-MICA
48	473387	PLATE
49	473396	SPACER
50	473446	TRANSFORMER
52	473543	CLAMP
53	473545	SHIELD
55	512663	GROMMET
56	518130	JUMPER
A2	473385	HEAT SINK ASM
60	38051	NUT
61	38235	SCREW
62	55726	SCREW
64	62031	SCREW
65	79779	SCREW
67	127324	RECTIFIER
69	207324	RESISTOR-0.1 OHM 5W
70	208229	CAPACITOR 700 MFD 15V DC
72	216206	GUIDE

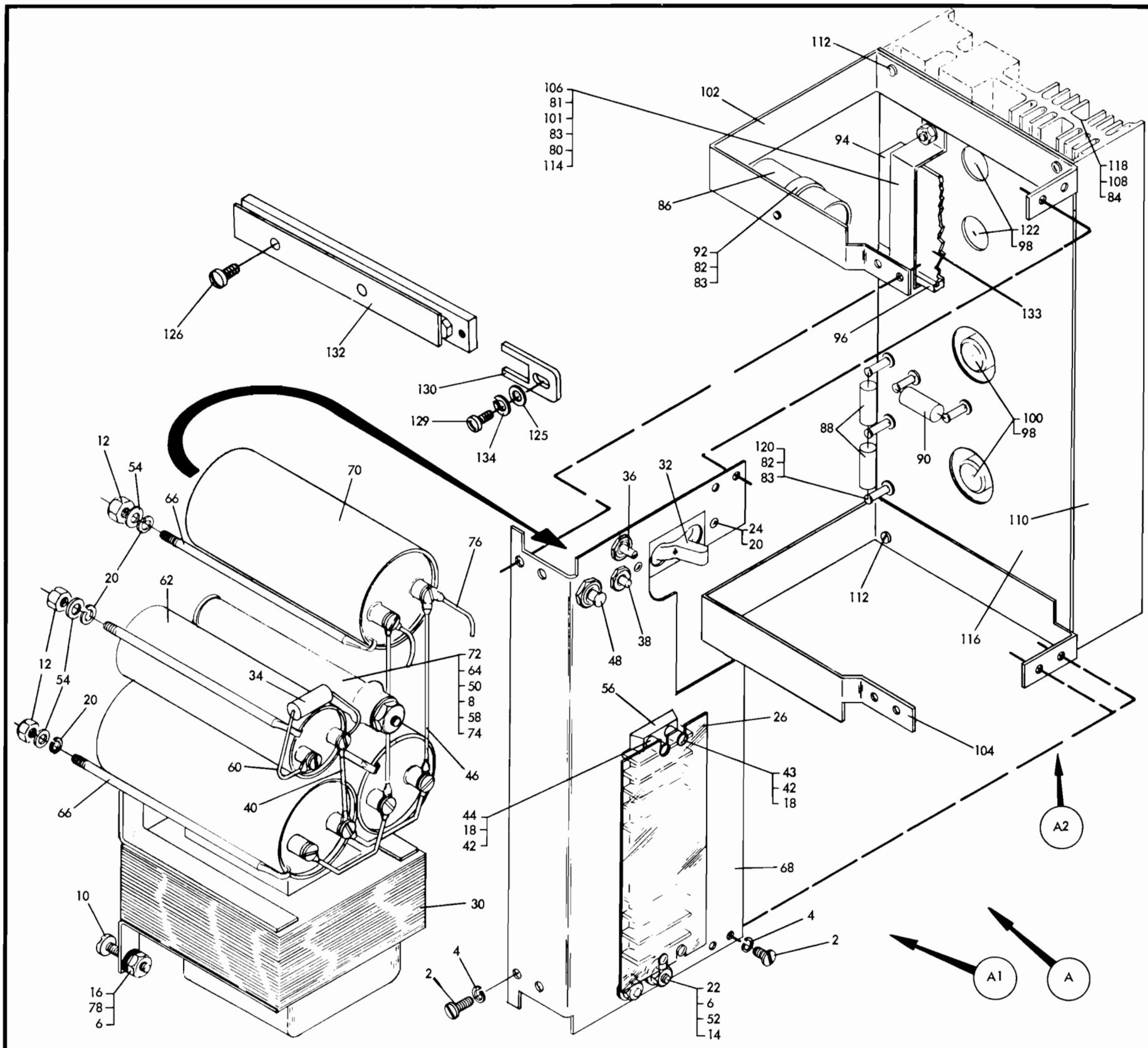
74	316996	TERMINAL
76	322765	TERMINAL
78	335138	RESISTOR 200 OHM 2W
80	369214	TRANSISTOR
82	442124	WASHER
84	473377	BRACKET
85	473378	BRACKET
86	473379	BRACKET
88	473388	HEAT SINK
89	473389	COVER
90	473530	BRACKET
92	473531	INSULATOR
93	473536	AIR SEAL
94	473544	SCREW
95	473547	SPACER
97	533534	TERMINAL
PARTS NOT INCLUDED WITH ASSEMBLIES		
100	22478	WASHER-KEEPER
101	55918	SCREW-RAIL
102	56079	LOCKWASHER-RAIL
104	186759	SCREW-POWER SUPPLY
106	207293	LATCH-BLOCK
108	207382	RAIL-POWER SUPPLY MTG
109	370610	SMS CARD
110	1090873	LOCKWASHER-KEEPER

POWER SUPPLY ASM. (20V AT 6A)



A	207237	POWER SUPPLY ASM 20V AT 6A	71	360244	CAPACITOR-5000MFD 25V DC
1	10170	SCREW-CB MTG	72	438548	SCREW-CLIP MTG
2	11598	NUT TRNFORMER MTG	73	438573	SCREW-PAD MTG
3	11891	NUT TRANSFORMER MTG	74	440882	SHIELD-SAFETY
4	25891	SCREW-TRANSFORMER MTG	76	441042	CLIP-SHIELD MTG
6	38235	SCREW-CLAMP MTG	77	501544	CAPACITOR-10000MFD 25V DC
7	38442	SCREW	78	502588	TERMINAL STRIP
8	45690	WASHER-TRANSFORMER MTG	81	2100878	RESISTOR-1K 5W
9	55901	LOCKWASHER-CAPACITOR MTG	PARTS NOT INCLUDED WITH ASSEMBLIES		
11	56121	LOCKWASHER	86	22478	WASHER
12	60646	LOCKWASHER	87	55918	SCREW
13	62031	LOCKWASHER	88	56079	LOCKWASHER
14	150209	LOCKWASHER	89	62031	LOCKWASHER
16	186455	CLIP	90	125071	SPACER-FAN MTG
17	186759	SCREW	91	186759	SCREW
18	222798	TRANSFORMER	92	207293	LATCH
19	207310	CAPACITOR-100 MFD 25V DC	93	207382	RAIL
21	207316	DIODE	94	236849	SCREW-BRACKET MTG
22	207324	RESISTOR-0.1 OHM 5W	95	257187	NUT FAN MTG
23	207325	RESISTOR-330 OHM 5W	96	257986	WASHER-FAN MTG
24	207349	CIRCUIT BREAKER	97	322065	SCREW-FAN MTG
26	207354	RESISTOR 220 OHM 5W	98	322550	SCREW
27	207356	SCREW-CAPACITOR MTG	99	371656	SMS CARD-C.E.M.
28	207370	RESISTOR 1750 OHM 5W	100	205915	INSULATION-FAN MTG
29	207385	RESISTOR-100 OHM 25W	101	597300	FAN C.E.M.
31	207392	POT 2.5K 1/2W	103	614043	BRACKET-FAN MTG
32	207393	POT .500 OHM 1/2W	105	1090873	LOCKWASHER
33	208385	BRACKET-CARD MTG	107	2128588	GUARD-FAN
34	598479	DIODE			
37	208982	RECEPTACLE			
38	209001	TRANSISTOR			
39	209005	AIR SEAL			
41	213692	RESISTOR-3.3K 1/2W			
42	213693	RESISTOR-1K 1/2W			
43	217174	LUG RECTIFIER			
44	217176	SOCKET-CARD			
46	218155	HEAT SINK			
47	218195	HINGE			
48	219093	HEAT SINK			
49	219095	PAD HEAT SINK			
51	219097	CLAMP-CAPACITOR MTG			
52	219098	CLAMP-CAPACITOR MTG			
53	219423	TUBING			
54	219841	PLATE-MAIN			
56	219895	PLATE-COMPONENT			
57	220915	CIRCUIT BREAKER			
58	221790	SCREW-HINGE MTG			
59	251970	SCREW			
61	257189	NUT CAPACITOR MTG			
62	257986	WASHER-CLAMP MTG			
63	317019	RESISTOR			
64	317022	RESISTOR-3.9K 1/2W			
66	317089	RESISTOR-3.3K 1/2W			
67	317095	RESISTOR-9.1K 2W			
68	322550	SCREW			
69	356742	CLAMP			

POWER SUPPLY ASM. (20V AT 6A)



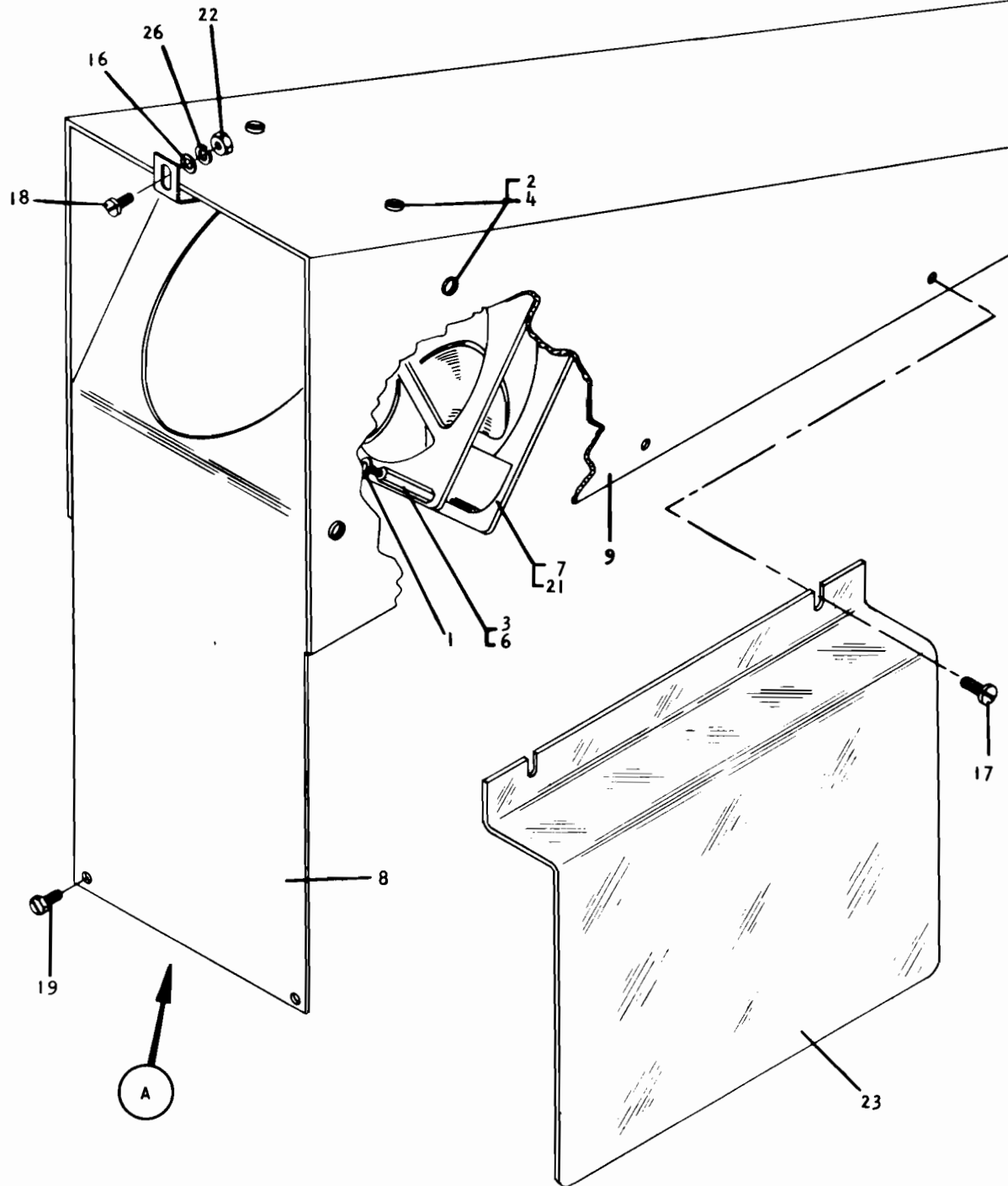
- A 477220 POWER SUPPLY ASM 20V AT 6A
USED ON 1402-2 ONLY
- 2 28413 SCREW
- 4 56121 LOCKWASHER
- A1 477224 COMPONENT PLATE ASM
- 6 11598 NUT
- 8 22478 WASHER
- 10 32617 SCREW
- 12 38051 NUT
- 14 45697 WASHER
- 16 56121 LOCKWASHER
- 18 60646 LOCKWASHER
- 20 62031 LOCKWASHER
- 22 77936 SCREW
- 24 81693 SCREW
- 26 188696 SHIELD
- 30 207304 TRANSFORMER
- 32 207349 CIRCUIT BREAKER
- 34 207354 RESISTOR-220 OHM 5W
- 36 207392 POTENTIOMETER 2.5K 1/2W
- 38 207393 POTENTIOMETER 5 OHM 1/2W
- 40 208989 JUMPER
- 42 210984 SCREW
- 43 210985 STUD
- 44 210986 STUD
- 46 211409 JUMPER
- 48 220915 CIRCUIT BREAKER

- 50 257189 NUT
- 52 257354 WASHER
- 54 257986 WASHER
- 56 315956 TERMINAL BLOCK
- 58 321603 WASHER
- 60 334932 TERMINAL
- 62 360244 CAPACITOR 5000 MFD 25V DC
- 64 438583 SCREW
- 66 473543 CLAMP
- 68 477227 PLATE
- 70 501544 CAPACITOR 10000 MFD 25VDC
- 72 507142 RESISTOR-100 OHM 25W
- 74 510460 WASHER
- 76 518130 JUMPER
- 78 597575 WASHER
- A2 477225 HEAT SINK ASM
- 80 38051 NUT
- 81 38235 SCREW
- 82 55726 SCREW
- 83 62031 LOCKWASHER
- 84 79779 SCREW
- 86 207310 CAPACITOR-100MFD 25V DC
- 88 207324 RESISTOR-0.1 OHM 5W
- 90 207336 RESISTOR-250 OHM 5W
- 92 208154 CLAMP

- 94 216076 RECEPTACLE
- 96 216206 GUIDE
- 98 316996 TERMINAL
- 100 369214 TSTR
- 101 442124 WASHER
- 102 473377 BRACKET
- 104 473379 BRACKET
- 106 473530 BRACKET
- 108 473531 INSULATOR
- 110 473536 AIR SEAL
- 112 473544 SCREW
- 114 473547 SPACER
- 116 477225 COVER
- 118 477228 HEAT SINK
- 120 533534 TERMINAL
- 122 598479 RECTIFIER
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 125 22478 WASHER-KEEPER
- 126 55918 SCREW-RAIL
- 129 186759 SCREW-POWER SUPPLY
- 130 207293 LATCH-BLOCK
- 132 207382 RAIL-POWER SUPPLY MTG
- 133 370607 SMS CARD
- 134 1090873 LOCKWASHER-KEEPER

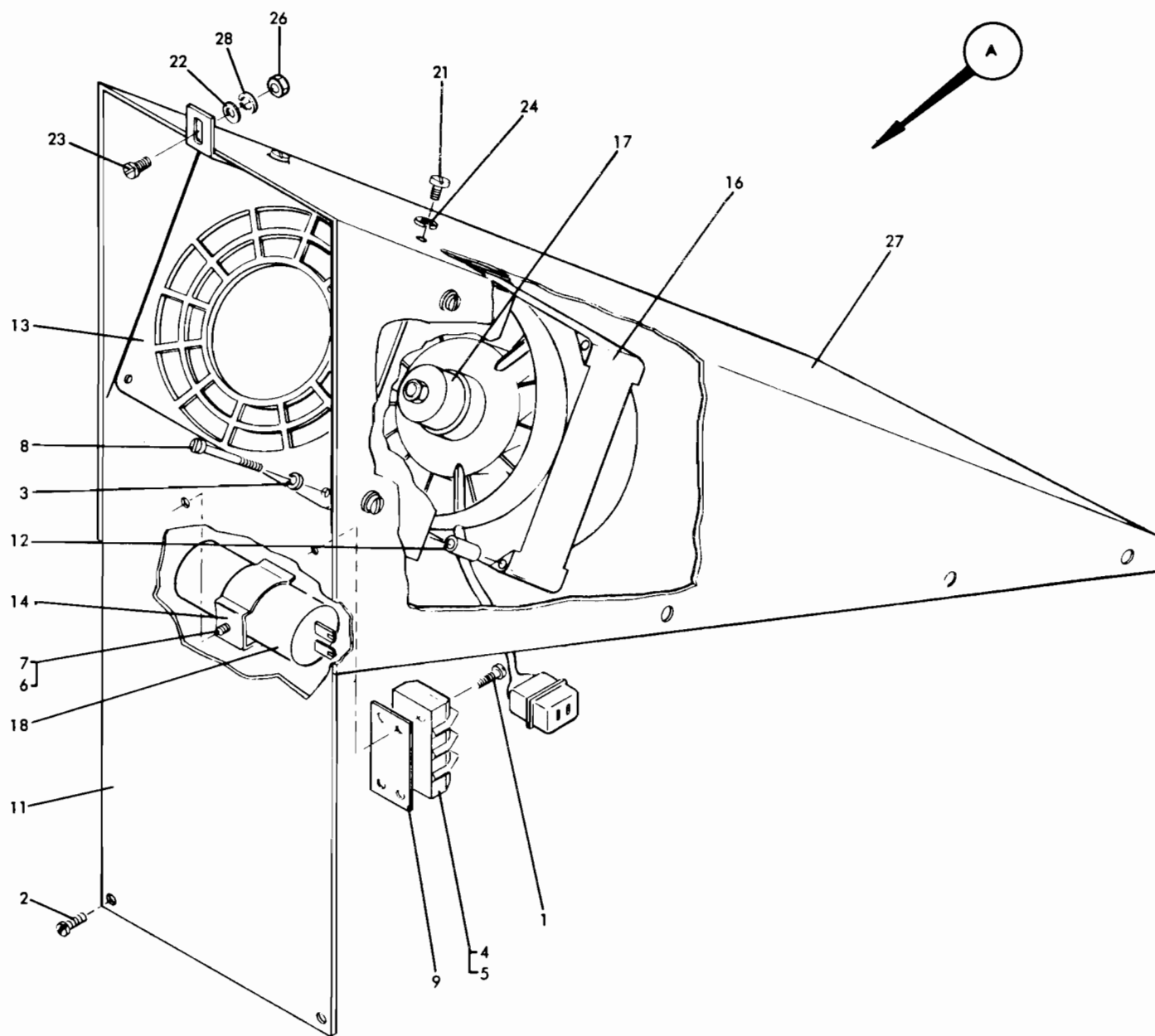
1402 FIG. 78A

FAN ASM. (60 CYCLE)



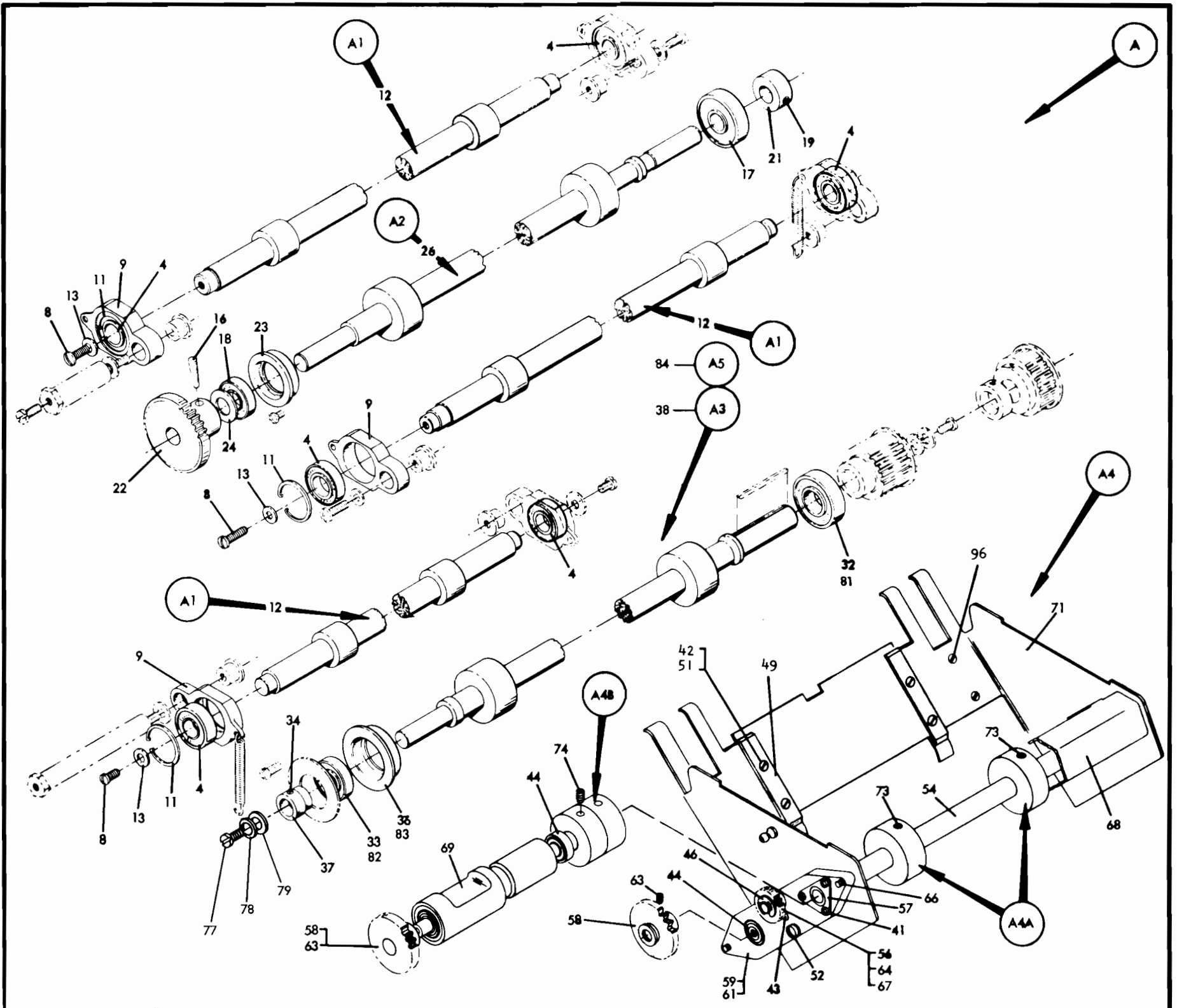
- A 609784 FAN ASM
USED ON 1402-1, 2,-4 + 5 ONLY
- 1 6364 LWASHER FAN MTG
- 2 10170 SCREW CVR MTG
- 3 38235 SCREW FAN MTG
- 4 56722 LWASHER COVER MTG
- 6 440265 STAND OFF FAN MTG
- 7 539054 FAN PWR SUPPLY
- 8 609387 PLATE PWR SUPP FAN MTG
- 9 614047 COVER POWER SUPPLY
PARTS NOT INCLUDED WITH ASSEMBLIES
- 16 22478 WSHR FAN COVER MTG
- 17 32617 SCREW PWR SUP SHLD 12V
USED ON 1402-2 ONLY
- 18 34512 SCREW FAN COVER MTG
USED ON 1402-2 ONLY
- 18 186758 SCREW FAN COVER MTG
USED ON 1402-1, 4 + 5 ONLY
- 19 38686 SCREW FAN ASM MTG
- 20 55901 LWASHER JUMPER MTG
USED ON 1402-1, 4 + 5 ONLY
- 21 205915 INSULATOR MUFFIN FAN
- 22 257189 NUT FAN COVER MTG
- 23 614050 SHLD PWR SUPP TERM 12V
USED ON 1402-2 ONLY
- 24 609745 JUMPER ASM
USED ON 1402-1, 4 + 5 ONLY
- 26 1090873 LWASHR FAN COVER MTG

FAN ASM. (50 CYCLE)



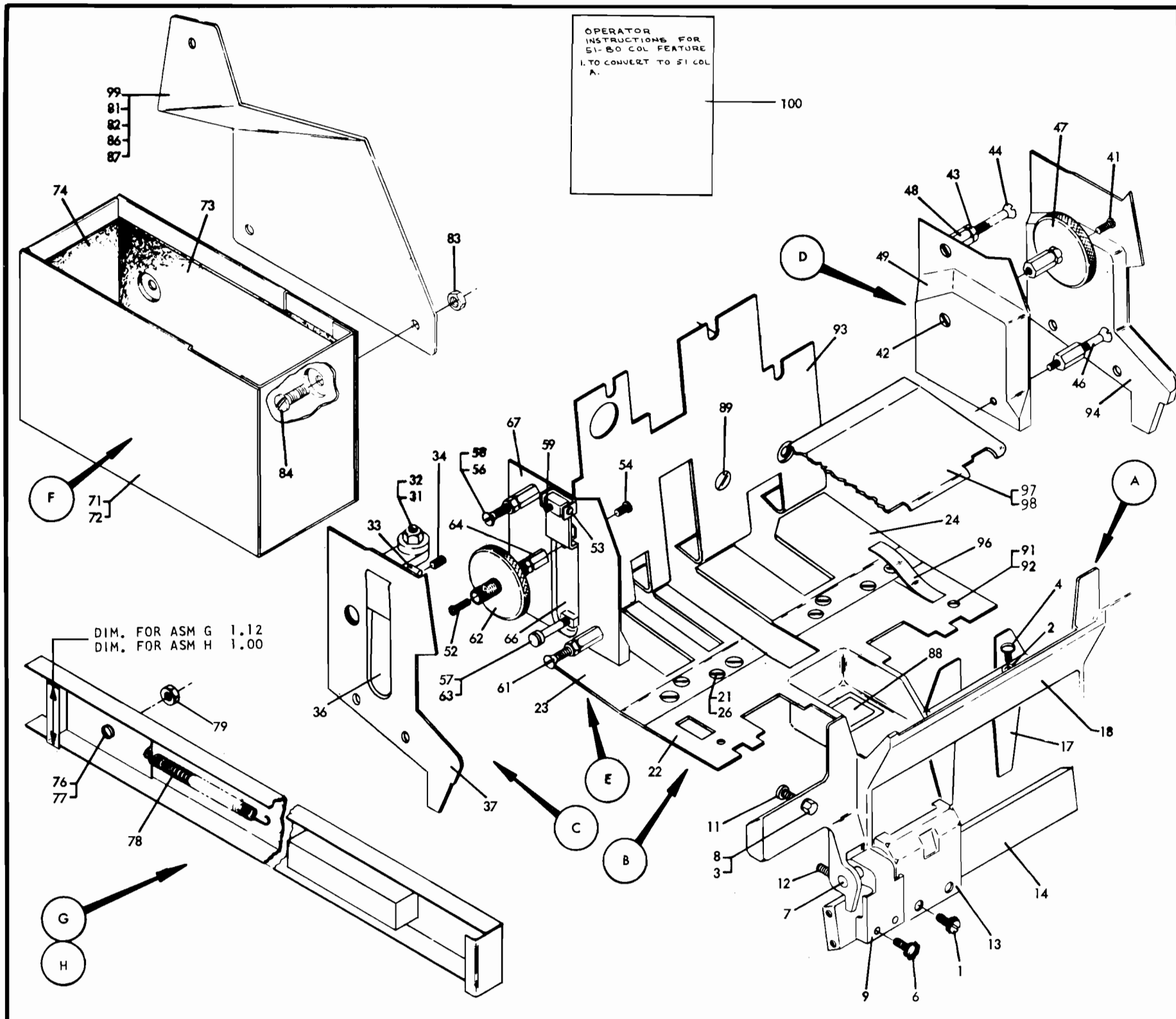
- | | |
|----|------------------------------------|
| A | NO NO FAN ASM 50 CYCLE |
| 1 | 35739 SCREW |
| 2 | 38686 SCREW |
| 3 | 62031 LWASHER |
| 4 | 80817 TERMINAL BLOCK |
| 5 | 115186 TERMINAL |
| 6 | 257984 LWASHER |
| 7 | 438548 SCREW |
| 8 | 438567 SCREW |
| 9 | 507446 INSULATOR |
| 11 | 904404 PLATE |
| 12 | 904792 SPACER |
| 13 | 2128588 GUARD |
| 14 | 2132463 CLIP |
| 16 | 4065182 FAN |
| 17 | 4062616 CAP |
| 18 | 4116231 CAPACITOR |
| | PARTS NOT INCLUDED WITH ASSEMBLIES |
| 21 | 10170 SCREW CVR MTG |
| 22 | 22478 WASHER FAN COVER MTG |
| 23 | 34512 SCREW FAN COVER MTG |
| 24 | 56722 LWASHER COVER MTG |
| 26 | 257189 NUT FAN COVER MTG |
| 27 | 614047 COVER POWER SUPPLY |
| 28 | 1090873 LWASHER FAN COVER MTG |

51-80 COL. FILE FEED & FEED ROLL ASMS.



A	609843	FEED ASM READER USED ON 51-80 COL 1402 1 ONLY
A	614301	FEED ASM READER USED ON 51-80 COL 1402 2 ONLY
A	610592	FEED ASM READER USED ON 51-80 COL 1402 3 ONLY
A	614394	FEED ASM READER USED ON 51-80 COL 1402 4 ONLY
A1	603466	FEED ROLL ASM 1ST,3RD 4TH UPPER AND 2ND LOWER
4	613875	BEARING FEED ROLL
8	234321	SCREW FD ROLL BRG RET
9	336153	HANGER BRG
11	336320	RING CLIP UP FD RL BRG
12	603308	SHAFT FEED ROLL
13	1090448	WASHER FEED ROLL BRG RET
A2	609860	2ND UPPER FD ROLL ASM
16	19167	TAPER PIN UPR FD RL GR
17	613874	BRG 2ND UPR FD RL ASM
18	613875	BRG 2ND UPR FD RL ASM
19	257968	SET SCR UPR FD RL COL
21	364196	COLLAR UPR FD ROLL
*22	609114	GEAR 2D UPR FD ROLL
23	609120	HOUSING UPR FD RL BRG
24	609121	RETAINER UPR FD RL BRG
*26	609861	FD RL ASM 2D UPR
A3	609862	FEED ROLL ASM 1ST,3RD 4TH LOWER
32	613874	BRG 1,3,4 LWR FD RL
33	613875	BRG 1,3,4, LWR FD RL
34	257968	SET SCREW COLLAR
36	336270	HOUSING BEARING
37	336310	COLLAR BRG RETAINER
38	609863	SHAFT ASM FEED ROLL
A4	603293	LOWER MAG ASM FILE FEED
41	38262	SCR BRG RETAINER MTG
42	209184	SCR THROAT GUIDE MTG
43	81693	SCR MAGAZINE MTG
44	110129	BEARING FEED ROLL SHAFT
46	192049	CLIP IDLER GEAR RET
49	603704	GUIDE THROAT
51	212912	NUT THROAT GUIDE MTG
52	234323	SCREW HOUSING ASM MTG
54	327545	SHAFT FD RL DRIVE LONG
56	327585	GEAR IDLER
57	327627	RETAINER DR SHAFT BRG
58	327635	GEAR FD ROLL DRIVE
59	327644	HOUSING ASM FD RL L H
61	327645	HOUSING ASM FD RL R H
62	327716	RETAINER THROAT GUIDE
63	328815	SET SCREW DRIVE GEARS
64	328816	SET SCR ID GR STUD
66	438573	SCR MAGAZINE MTG
67	602433	STUD IDLER GEAR PIVOT
68	603387	COVER CARD FEED ROLL
69	603406	SHAFT FEED ROLL SHORT
70	603020	GEAR FEED ROLL DRIVE
71	603882	MAG AND STUD ASM 51 80
A4A	209146	FEED ROLL ASM
73	257971	SET SCREW
A4B	209147	FEED ROLL ASM
74	257971	SET SCREW
A5	614314	FEED ROLL ASM 3RD + 4TH LOWER USED ON 1402-2 ONLY
77	845	SCREW
78	60646	LWASHER
79	102691	WASHER
81	613874	BEARING
82	613875	BEARING
83	336270	HOUSING BEARING
84	614314	SHAFT 3RD + 4TH LWR PARTS NOT INCLUDED WITH ASSEMBLIES
96	225859	SCREW LOWER MAG ASM * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

51-80 COL. HOPPER & JOGGLER ASMS.

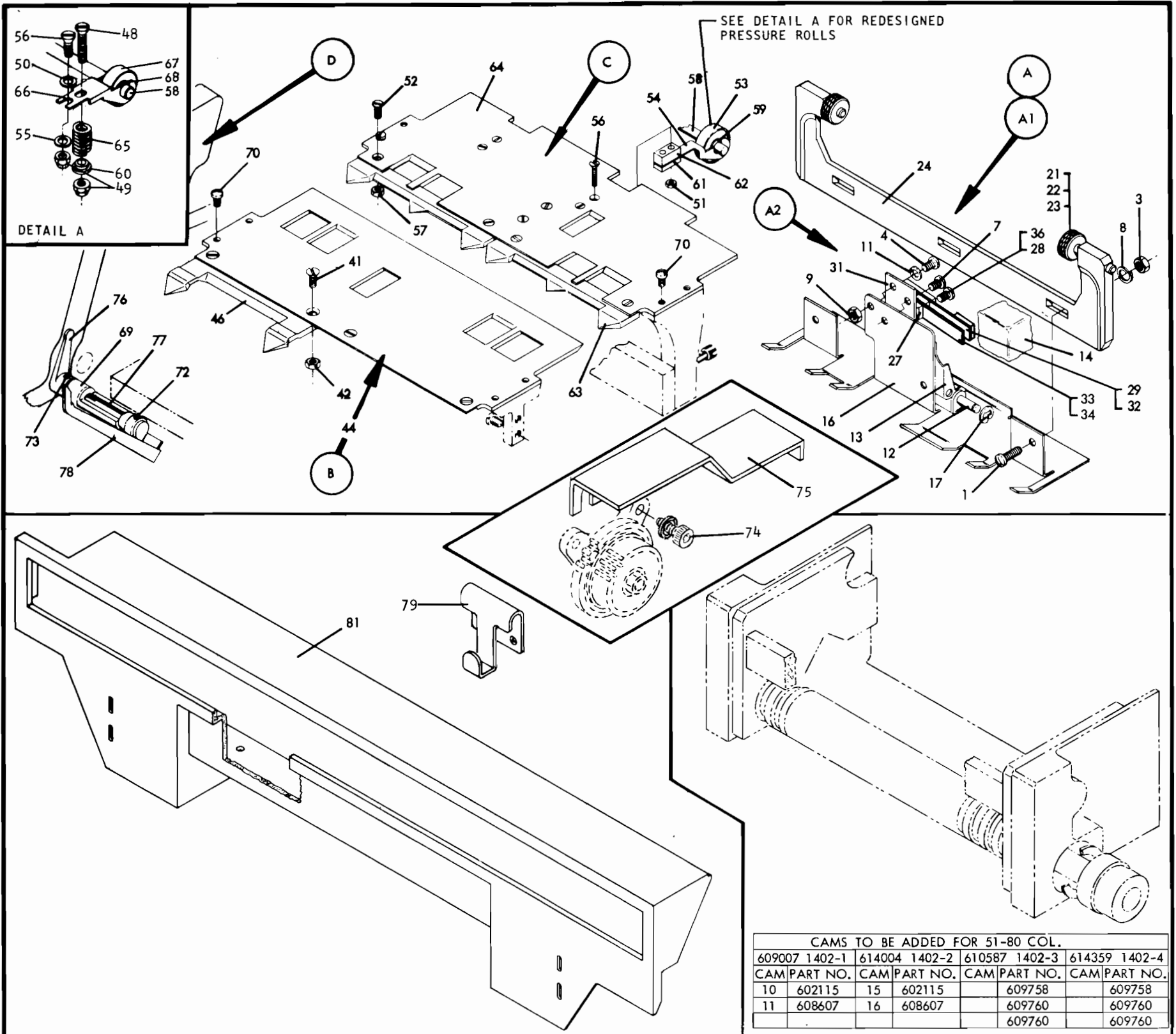


- A 603292 JOGGLER ASM FRONT
- 1 232 SCREW P K GUARD MTG
- 2 6364 LWSHR FRONT JOGG MTG
- 3 24511 WASHER JOGGLER ADJ SCR
- 4 38350 SCREW 51 COL JOGGLER MTG
- 6 234321 SCR PIVOT BLK ASM MTG
- 7 327605 STUD FRONT JOGGLER PIVOT
- 8 163518 NUT JOGGLER ADJ SCR
- 9 327697 BLOCK ASM FR JOGGLER PIV
- 11 327871 SCREW CBM JOGGLER ADJUST
- 12 328833 SET SCR JOGGLER PIVOT
- 13 369383 BLOCK PICKER KNIFE GUARD
- 14 603890 BAR CARD POST SUPPORT
- 17 603297 JOGGLER ASM FRONT
- 18 603513 PLATE ASM FRONT JOGGLER
- B 603430 PLATE ASM HOPPER BED
- 21 38442 SCREW
- 22 603445 BEDPLATE
- 23 603446 PLATE BEDPLATE FINGER
- 24 603447 PLATE BEDPLATE FINGER
- 26 1073043 NUT
- C 603494 PLATE ASM JOGGLER
- 31 257189 NUT JOGGLER ADJ SCR
- 32 327580 SCREW JOGGLER ADJ
- 33 327619 SHAFT JOGGLER PIVOT
- 34 328833 SET SCR JOGGLER PIVOT
- 36 603200 JOGGLER ASM CARD SIDE
- 37 603298 SIDE PLATE L H

- D 609874 SIDE PLATE ASM R H
- 41 5644 SCR THUMB SCR MTG
- 42 38442 SCR SPACER MTG
- 43 257187 NUT STAND OFF SCR
- 44 438574 SCR STAND OFF
- 46 438576 SCREW STAND OFF
- 47 603329 SCR PLATE ASM THUMB
- 48 603486 SPACER STAND OFF SCR
- 49 603497 SIDE PL HOPPER
- E 609877 SIDE PLATE ASM L H
- 52 5644 SCREW THUMB SCR MTG
- 53 26344 PIN JOGGLER PIVOT
- 54 38442 SCREW SPACER MTG
- 56 52360 SCREW STAND OFF
- 57 257186 NUT SIDE ALGNR EXT
- 58 257187 NUT STAND OFF SCR
- 59 257956 SET SCR JOGGLER PIV PIN
- 61 438575 SCREW STAND OFF
- 62 603329 THUMB SCREW
- 63 603480 EXT ASM SIDE ALGNR
- 64 603486 SPACER STAND OFF SCR
- 66 603487 SIDE JOGGLER ASM
- 67 603498 SIDE PL HOPPER SEE BM
- F 603478 BOX ASM HOPPER PARTS
- 71 603425 BOX 51 COL PARTS
- 72 603434 LINER-BOTTOM
- 73 603435 LINER-SIDE
- 74 603442 LINER-SIDE

- G 614312 GUIDE ASM FILE FEED
- 76 6364 LWSHR
- 77 10170 SCREW
- 78 185562 SPRING RETAINING
- 79 603947 NUT
- H 614315 GUIDE ASM FILE FEED
- FOR BREAKDOWN OF PARTS SEE ASM G
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 81 2179 SCREW BED PLATE
- 82 9092 LWSHR PARTS BOX BRACKET
- 83 11598 NUT PARTS BOX BKT
- 84 29579 SCREW PARTS BOX MTG
- 86 45776 WSHR PARTS BOX BKT
- 87 101706 SCREW PARTS BOX BKT
- 88 196833 DECAL BED PLATE
- 89 225859 SCREW PLATE MTG
- 91 257186 NUT HOPPER SPRING
- 92 438548 SCREW HOPPER SPRING
- 93 603286 BACK PLATE FILE FEED
- 94 603299 SIDE PL RT HD SEE B/M
- 96 603305 SPRING HOPPER
- 97 609966 CD WEIGHT ASM 51-80 COL
- 98 603453 CARD WEIGHT ASM 51 COL
- 99 609941 BRACKET PARTS BOX MTG
- 100 609902 DECAL OPER INSTRUCTION

51-80 COL. CARD GUIDE ASM.



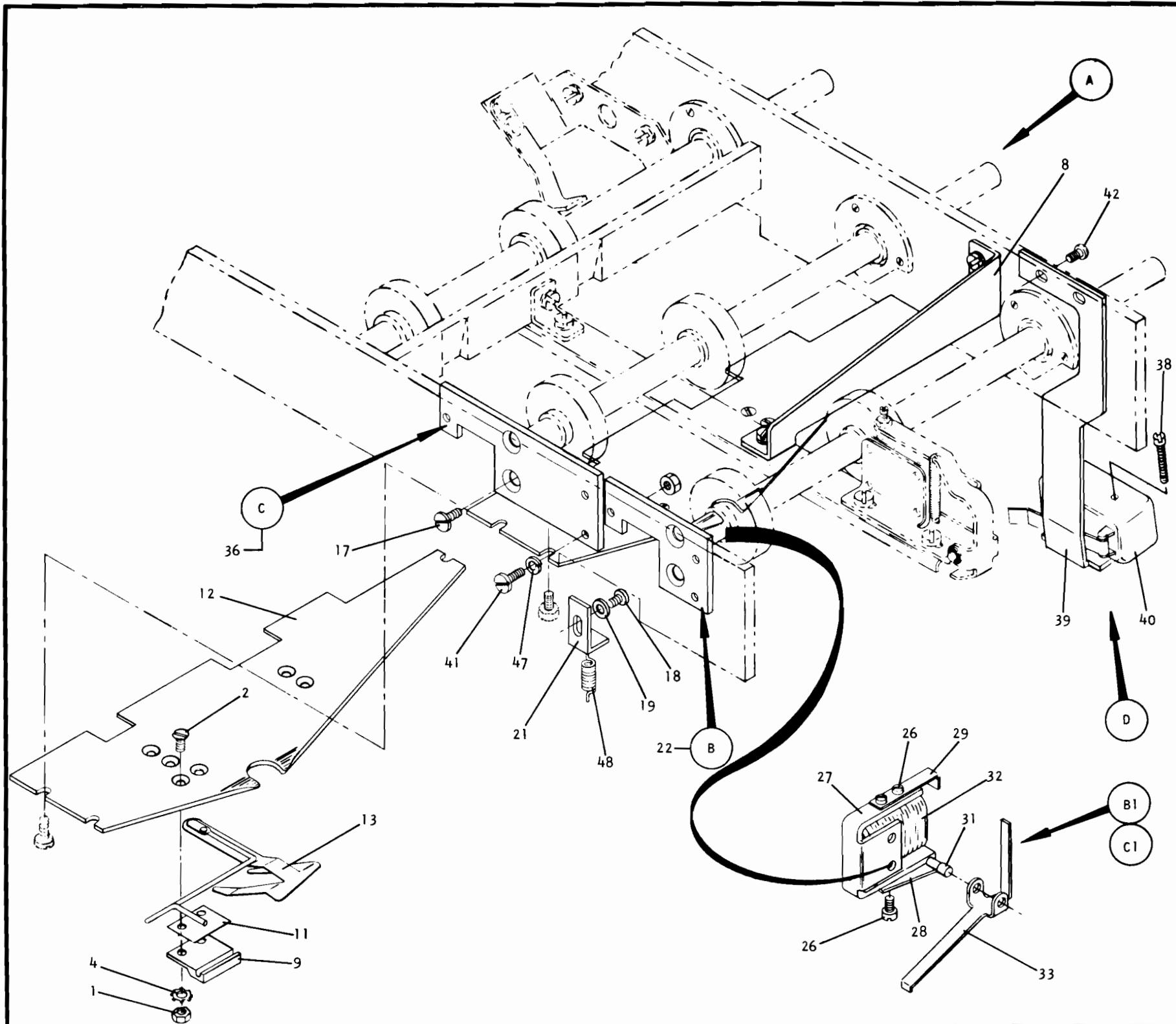
CAMs TO BE ADDED FOR 51-80 COL.							
609007	1402-1	614004	1402-2	610587	1402-3	614359	1402-4
CAM	PART NO.	CAM	PART NO.	CAM	PART NO.	CAM	PART NO.
10	602115	15	602115		609758		609758
11	608607	16	608607		609760		609760
					609760		609760

- A 609859 GUIDE ASM
- 1 443 SCREW CARD GD MTG
- 3 11598 NUT CARD GD MTG
- 4 38262 SCREW CONTACT MTG
- 7 38266 SCREW CONTACT MTG
- 8 45690 WSHR CARD GD MTG
- 9 257186 NUT CONTACT MTG
- 11 257984 LWSHR CONTACT MTG
- 12 602233 SHAFT CARD LEV MTG
- 13 602235 CARD LEVER
- 14 603515 COV CONT CARD LEVER ASM
- 16 609875 GUIDE CARD
- 17 1073418 CLIP CD LEV RET
- A1 602668 CARD GD SLIDE SUPP ASM
- 21 607965 CARD SLIDE LOCK PLUNGER
- 22 12953 COMPRESSION SPRING
- 23 255883 STOP NUT ELASTIC PLUN KN
- 24 602606 CARD GUIDE SLIDE SUPPORT
- A2 609783 CONTACT ASM CD LEVER
- 27 11900 INSULATOR CONT ASM
- 28 100229 TUBING CONT ASM INSUL
- 29 610315 SPRING ASM CONTACT
- 31 133202 BRACKET CONT ASM MTG
- 32 141964 CONTACT TERM ASM
- 33 602436 SPRING ASM CARD CONT
- 34 152794 CONTACT TERM ASM
- 36 173204 SCRFW CONT ASM

- B 609864 CARD GUIDE ASM
- 41 52522 SCREW GUIDE MTG
- 42 602229 NUT GUIDE MTG
- 44 609876 GUID LWR CD
- 46 609944 CARD GUIDE CONT ROLL
- C 609892 CARD GUIDE ASM
- 48 38435 SCREW PRESS RL SPR
- 49 216128 NUT PRESS RL SPR
- 50 603914 WASHER
- 51 37913 NUT LWR PRESS ROLL MTG
- 52 52522 SCREW LWR PRESS RL MTG
- 53 155749 BEARING LWR PRESS ROLL
- 54 336651 BRKT LWR PRESS RL HGL
- 55 257985 WASHER
- 56 438558 SCREW LWR PRESS RL MTG
- 57 602229 NUT CARD GUIDE MTG
- 58 602469 SHAFT LWR PRESS RL MTG
- 59 602490 SPACER LWR PRESS RL
- 60 603862 RETAINER PRES RL SP
- 61 602493 PLATE FEED ROLL CLAMP
- 62 602495 INSULATOR FEED ROLL
- 63 603391 GUIDE CARD
- 64 609871 CARD GUIDE SEE BM
- 65 603863 SPRING PRESS ROLL
- 66 603864 BRKT LWR PRESS RL HGR
- 67 602782 BEARING LWR PRESS RL
- 68 602783 SPACER LWR PRESS RL

- D 609852 FRAME ASM FRONT
- *69 603303 BEARING CD LEVER
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 70 170150 SCREW CD GD ASM MTG
- 72 257956 SCREW
- 73 257958 SET SCREW
- 74 437763 SCREW BELT TIGHTENER MTG
- USED ON 1402-2 ONLY
- 75 602765 GUARD
- USED ON 1402-2 ONLY
- 76 602185 CARD LEVER ASM
- 77 603302 SHAFT CONTACT LEVER
- 78 603304 CARD LEVER ASM
- 79 603378 BRACKET HOPPER LINER
- 81 609937 CASTING LIGHT + SW

51-80 COL. TRANSPORT ASM.

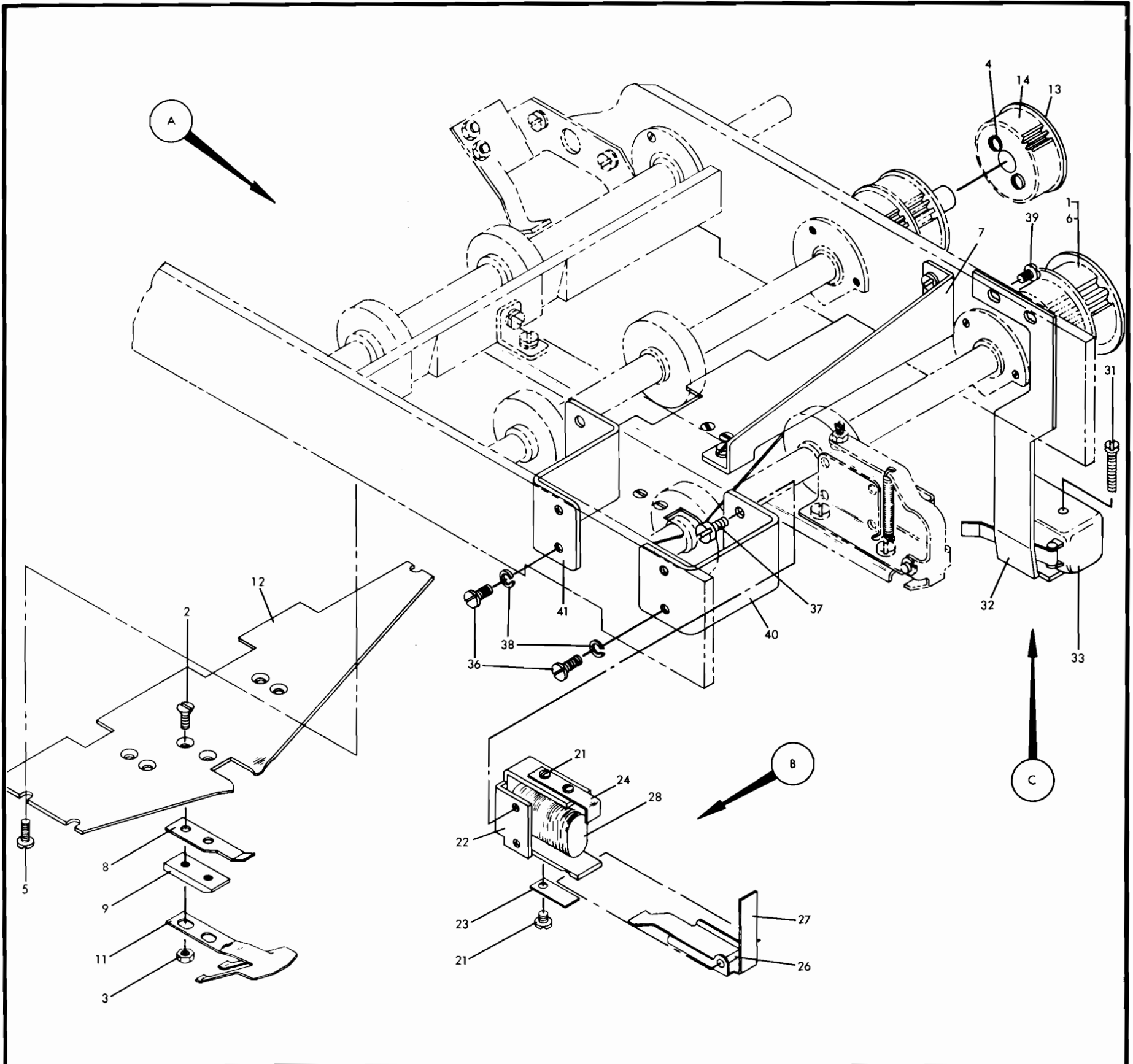


- A 609845 TRANSPORT ASM STKR
USED ON 1402-4 ONLY
- 1 37913 NUT RETAINER
- 2 38433 SCREW RETAINER
- 4 338169 LWASHER RETAINER
- 8 609932 BRACKET JAM BAR MTG
- 9 609951 BLOCK CHUTE BLADE PIVOT
- 11 609952 SHIM CHUTE BLADE PIV BLK
- 12 609953 DEFLECTOR ASM
- 13 609955 OPERATING ARM ASM
- B 609960 MAG ASM POCKET NR
- 17 38450 SCREW
- 18 48594 SCREW
- 19 338169 LOCKWASHER
- 21 609926 GUIDE
- 22 609962 PLATE SEL MAG MTG PKT NR

- b1 609959 MAGNET ASM SEL R
- 26 48594 SCREW
- *27 602340 YOKE ASM SEL MAG
- 28 602393 SPRING ARMATURE PIV
- 29 602401 ARMATURE STOP
- 31 602415 PIN ARMATURE PIV
- 32 609037 COIL ASM SEL MAG
- 33 609958 ARMATURE SEL MAG R
- C 609961 MAG ASM POCKET 1
- 36 609963 PLATE SEL MAG MTG PKT 1
FOR REMAINDER OF PARTS SEE ASM B
- C1 609959 MAGNET ASM SEL R
FOR BREAKDOWN OF PARTS SEE ASM B1

- D 614322 BRKT AND SWITCH ASM
- 38 438553 SCREW
- 39 609940 BRACKET
- 40 609942 SWITCH RADIAL STACKER
PARTS NOT INCLUDED WITH ASSEMBLIES
- 41 337 SCREW MAG ASM MTG
- 42 186759 SCREW
- 47 1090873 LWASHER MAG ASM MTG
- 48 22865 SPRING
- * NOT RECOMMENDED FOR NORMAL
FIELD REPLACEMENT

51-80 COL. TRANSPORT ASM. (REDESIGNED)

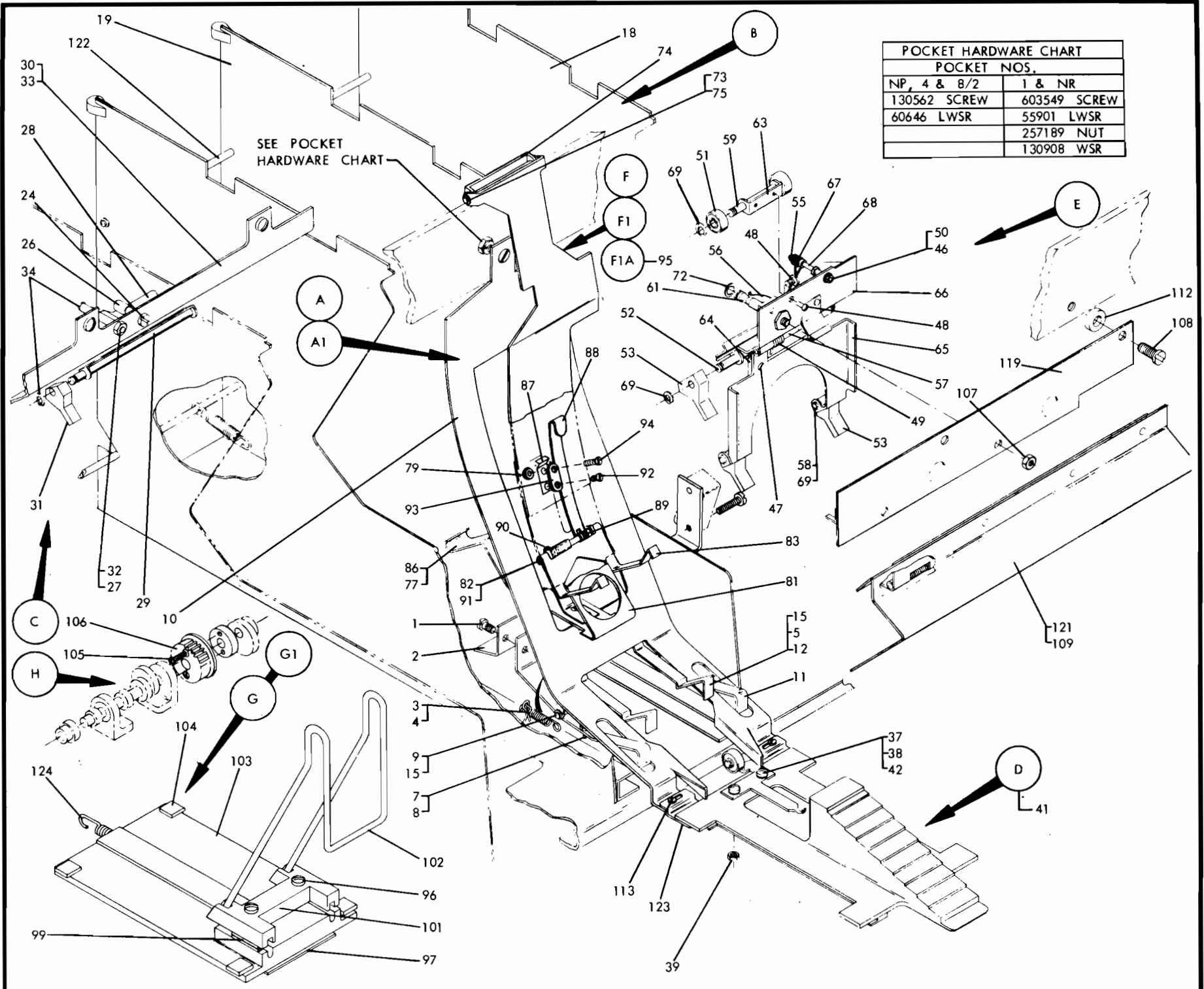


- | | | | |
|----|--------|---------------------|----------------|
| A | 609997 | TRANSPORT ASM | |
| | | USED ON 1402-1 | 3 ONLY |
| A | 614303 | TRANSPORT ASM | |
| | | USED ON 1402-2 ONLY | |
| 1 | 38361 | SCREW | UP TRAN RL PUL |
| | | USED ON 614303 ONLY | |
| 2 | 38433 | SCREW | CHUTE BLADE MT |
| 3 | 216128 | NUT | CHUTE BLADE MT |
| 4 | 322551 | SCREW | PULL FLANGE |
| 5 | 38235 | SCREW MTG | |
| 6 | 336176 | PULLEY | TRANS RL |
| | | USED ON 614303 ONLY | |
| 7 | 609932 | BRACKET | JAM BAR MTG |
| 8 | 609977 | STIFFENER | CHUTE BLADE |
| 9 | 609978 | MTG BLOCK | CHUTE BLADE |
| 11 | 609984 | CHUTE BLDE | |
| 12 | 609993 | DEFLECTOR ASM | |
| 13 | 615047 | FLANGE | |
| 14 | 752315 | PULLEY | TRANSPORT RL |

- | | | | |
|----|--------|-----------------------|----------------|
| B | 609991 | MAG ASM | |
| 21 | 48594 | SCREW | |
| 22 | 602340 | YOKE ASM | SEL MAG |
| 23 | 602393 | SPRING | ARMATURE PIVOT |
| 24 | 602401 | STOP | ARMATURE |
| 26 | 602415 | PIN | ARMATURE PIVOT |
| 27 | 609983 | ARMATURE | SEL MAG |
| 28 | 609996 | COIL ASM | SEL MAG |
| C | 614322 | BRKT AND SWITCH ASM | |
| 31 | 438553 | SCREW | |
| 32 | 609940 | BRACKET | |
| 33 | 609942 | SWITCH RADIAL STACKER | |

- | | | | |
|------------------------------------|--------|---------|-------------|
| PARTS NOT INCLUDED WITH ASSEMBLIES | | | |
| 36 | 34512 | SCREW | MAG ASM MTG |
| 37 | 38450 | SCREW | MAG MOUNT |
| 38 | 55901 | LWASHER | MAG ASM MTG |
| 39 | 186759 | SCREW | |
| 40 | 609981 | MOUNT | SEL MAG |
| 41 | 609982 | MOUNT | SELECT MAG |

51-80 COL. STACKER ASM.



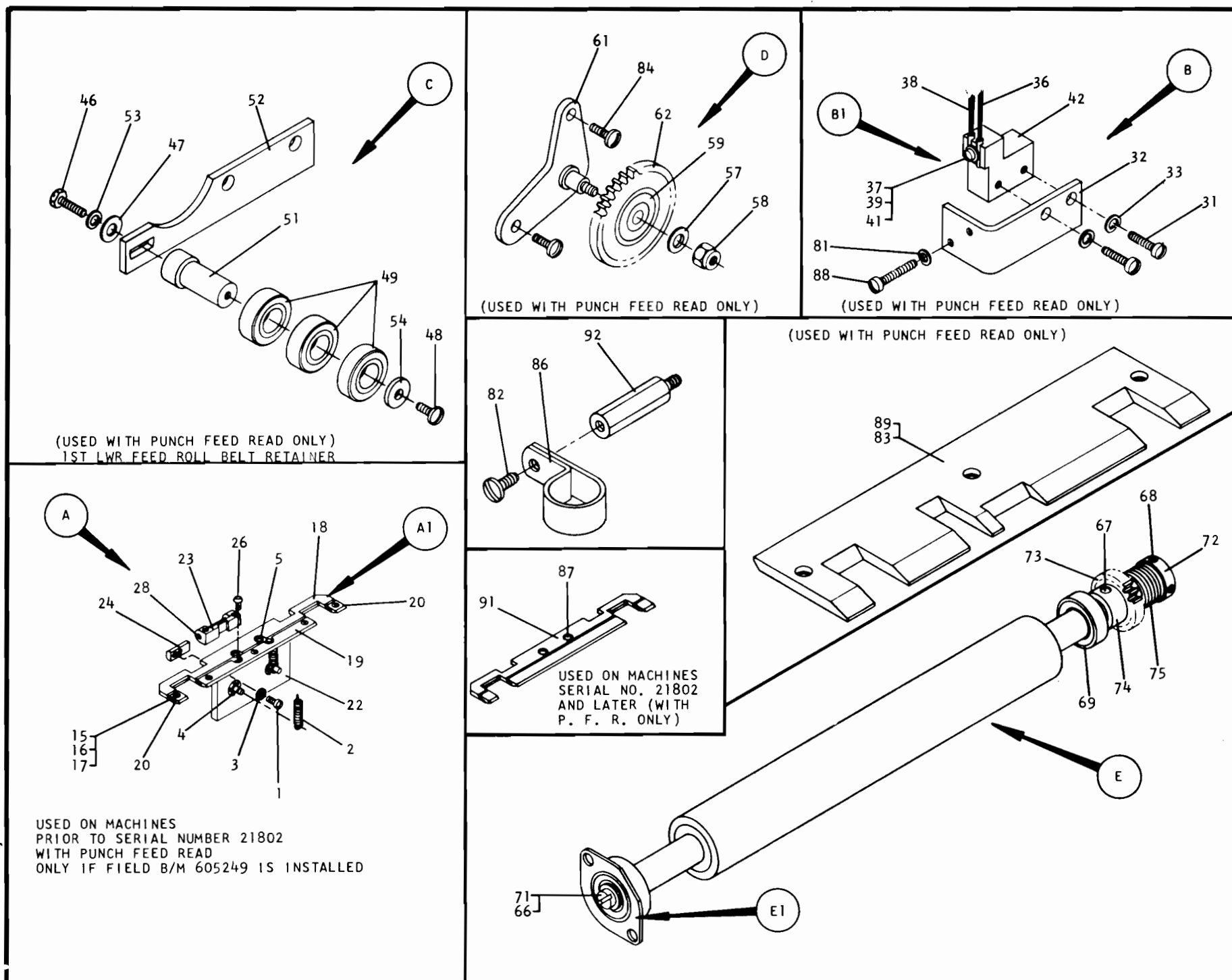
POCKET HARDWARE CHART	
POCKET NOS.	
NP, 4 & 8/2	1 & NR
130562 SCREW	603549 SCREW
60646 LWSR	55901 LWSR
	257189 NUT
	130908 WSR

- A 614321 GUIDE + ARRESTOR ASM 51-80 COL
- 1 48594 SCR SPRING DECK ARRESTOR
- 2 603539 BRACKET DECK ARRESTOR
- A1 603429 RADIAL GDE ASM
- 3 106681 SPG CD ARRESTOR LEVER
- 4 185093 COTTER PIN SPG ANCHOR
- 5 209063 SHAFT ALIGN LEV PIVOT
- 7 257186 NUT CD ARRESTOR LEV ADJ
- 8 257967 SET SCR ARRESTOR LEV ADJ
- 9 603370 SHFT DECK ARREST LEV PIV
- 10 603374 GUIDE AND BRKT ASM
- 11 603412 LEVER DECK ARRESTOR
- 12 603512 LEVER ASM CARD ALIGN
- 13 603719 SPRING DECK ARRESTOR
- 14 609964 SPRING DECK ARRESTOR
- 15 1073418 CLIP CD ALIGN LEV RET
- B 609847 POCKET ASM
- 18 609856 PLATE ASM 1
- 19 609857 PLATE ASM 2 AND 3
- C 609866 PIVOT + LEVER ASM
- 24 5644 SCREW LEVER STOP
- 26 113821 TUBING LEVER STOP
- 27 257187 NUT STUD MTG
- 28 602447 LEVER CARD RESTRAINING
- 29 602488 SHAFT CD RET LEVER
- 30 602978 BUMPER PLUG
- 31 602489 LEVER CD RET
- 32 602593 STUD LEVER MTG
- 33 609865 CARD PIVOT ASM
- 34 1073418 CLIP CD RET LEV MTG
- D 609887 SLIDE ASM
- 37 35739 SCREW BRKT MTG
- 38 257986 WASHER BRKT MTG
- 39 344015 NUT BRKT MTG
- 41 603751 SLIDE CARD PUSHER
- 42 609159 BRKT ASM CAM FOLLOWER

- E 609979 LEDGE ASM
- 47 38432 SCREW
- 48 48594 SCREW
- 46 56722 WASHER
- 49 211530 SPRING
- 50 257187 NUT
- 51 228105 ROLLER
- 52 602488 SHAFT
- 53 602489 LEVER
- 55 357419 O RING
- 56 603323 DETENT SPR
- 57 603359 SHAFT
- 58 603370 SHAFT
- 59 603383 SHAFT
- 61 603511 STUD
- 63 603537 BRACKET
- 64 603543 STOP BLK
- 65 603544 LEDGE ASM
- 66 609974 LEDGE
- 67 609980 SPRING
- 68 609986 SHAFT
- 69 1073418 RING
- 72 1092125 CLIP
- F 614323 RADIAL CARD GUIDE ASM
- 73 603527 PIN GUIDE PIVOT
- 74 603528 BRACKET GUIDE MTG
- 75 1073418 CLIP RETAINING
- F1 609934 GUIDE ASM
- 77 48594 SCREW SPRING MTG
- 79 216128 NUT
- 81 603522 SLIDE ASM RAD STK
- 82 603526 SHAFT CD RET
- 83 603531 LEDGE SPRING

- 86 603535 SPRING LVR
- 87 603536 SPRING SLIDE
- 88 603538 STOP ARM
- 89 603540 SPRING GDE
- 90 609964 SPRING DECK ARRESTOR
- 91 1073418 CLIP SFT CD RET
- F1A 603961 RADIAL GUIDE ASM
- 92 38432 SCREW RADIAL BAND
- 93 603532 GD BLOCK RADIAL BAND
- 94 603548 SCREW RADIAL BAND
- 95 609933 GUIDE RADIAL STACKER
- G 603681 SLIDE ASM
- 96 322551 SCREW SUPP PLATE MTG
- 97 602642 PLATE CD DECK SUPP CLAMP
- 99 603433 GASKET DECK SUPP
- 101 603470 BLOCK DECK SUPP MTG
- 102 603753 SUPPORT CARD DECK
- G1 603799 SLIDE ASM SUPP DR + BMPR
- 103 363023 SLIDE CD DECK SUP
- 104 603795 INSERT SLIDE
- H 609994 SHAFT ASM STACKER
- 105 322065 SCREW PULL MTG
- 106 609990 PULLEY ASMSTKR DRIVE
- E 609979 LEDGE ASM
- REMAINDER OF PARTS ARE THE SAME AS STANDARD MACHINE
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 107 11598 NUT LEDGE MTG
- 108 34512 SCREW PLATE STUD MTG
- 109 91611 SCREW
- 112 441569 SPACER
- 113 603733 SCREW CARD STOP MTG
- 119 609868 PLATE STUD ASM
- 121 609931 COVER ASM LIGHT SW
- 122 609936 SHAFT
- 123 609975 STOP STACKER CARD
- 124 609976 SPRING CD SLIDE RET

MISC. FEATURE ASMS.

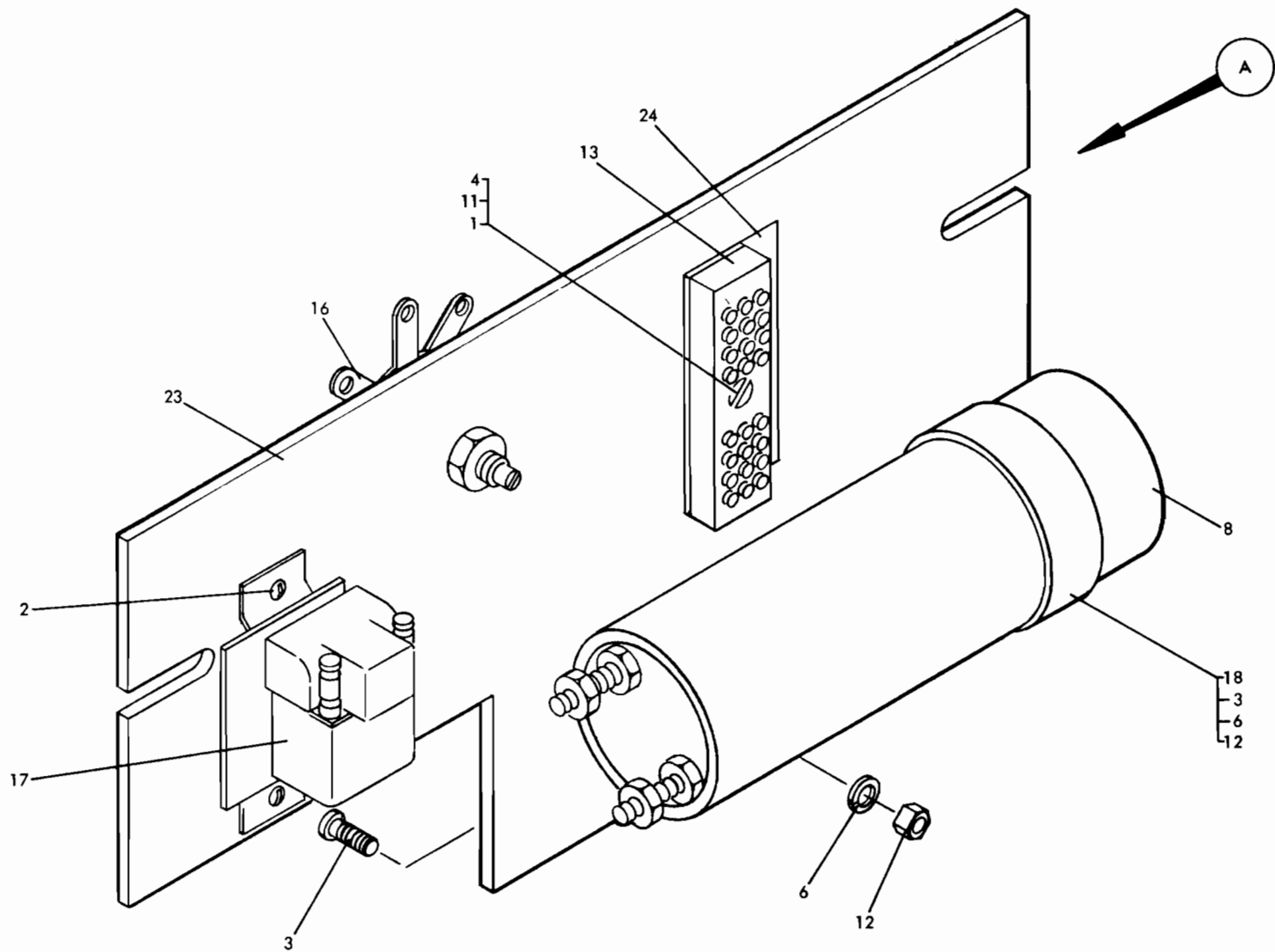


- A 610192 CARD GUIDE PIVOT ASM 2ND LOWER
- 1 38265 SCREW
- 2 41550 SPRING
- 3 150209 LOCKWASHER
- 4 160817 STUD SPRINT ANCHOR
- 5 236550 SCREW
- A1 610193 GUIDE ASM
- 15 37913 NUT
- 16 52522 SCREW
- 17 338169 LOCKWASHER
- 18 610194 GUIDE 2ND LWR CARD
- 19 610195 BLANK GUIDE EDGE CENTER
- 20 610196 GUIDE
- 22 610197 SUPPORT GUIDE
- 23 610198 BLOCK GUIDE PIVOT
- 24 610200 BLOCK ROD RETAINER
- 26 610201 STUD SPRING HOOK
- 28 610202 ROD GUIDE PIVOT
- B 610138 COMMON BRUSH ASM
- 31 845 SCREW COM BR MTG
- 32 608201 BRACKET COMM BR MTG
- 33 1090873 LWASHER COMM BR MTG
- B1 607048 BRUSH ASM ROL COMM
- 36 1769 BRUSH COMMON
- 37 52359 SCREW BRUSH MTG
- 38 109339 BRUSH COMMON
- 39 257186 NUT BRUSH MTG
- 41 257985 WASHER BRUSH MTG
- 42 607049 BLOCK COMMON BRUSH MTG

- C 610221 IDLER ASM
- 46 12954 SCREW
- 47 22478 WASHER
- 48 38235 SCREW
- 49 156364 BEARING
- 51 610222 STUD IDLER
- 52 610223 BRKT IDLER MTG
- 53 1090873 LWASHR
- 54 1091508 WASHER
- D 607485 IDLER ASM CONTACT ROLL
- 57 22478 WASHER
- 58 72828 NUT
- *59 110129 BEARING
- *61 607486 STUD ASM CONTACT IDLER
- *62 607490 GEAR

- E 613847 CONTACT ROLL ASM
- 66 2903 WASHER
- 67 19167 PIN TAPER
- 68 151720 SET SCREW
- 69 613875 BEARING
- 71 234320 SCREW
- 72 442823 COLLAR SPRING RETAINING
- 73 607170 GEAR
- *74 607171 SPACER
- *75 607172 SPRING CLUTCH
- 76 613846 ROLL ASM CONTACT
- E1 607355 HOUSING ASM BRG CONTACT ROLL
- PARTS NOT INCLUDED WITH ASSEMBLIES
- 81 6364 LWASHER COMM BR MTG
- 82 38368 SCREW CABLE CLAMP MTG
- 83 81693 SCREW 2ND LWR CD GD
- 84 81693 SCREW IDLER ASM MTG
- 86 101923 CLAMP CABLE
- 87 336802 SCREW 2ND LWR CD GD MTG
- 88 34512 SCREW COM BR MTG
- 89 607398 CARD GUIDE LOWER
- 91 609770 CARD GUIDE ASM 2ND LWR
- 92 610213 STUD
- * NOT RECOMMENDED FOR NORMAL FIELD REPLACEMENT

IDLE CONTROL COMPONENT ASM. (1402-4)

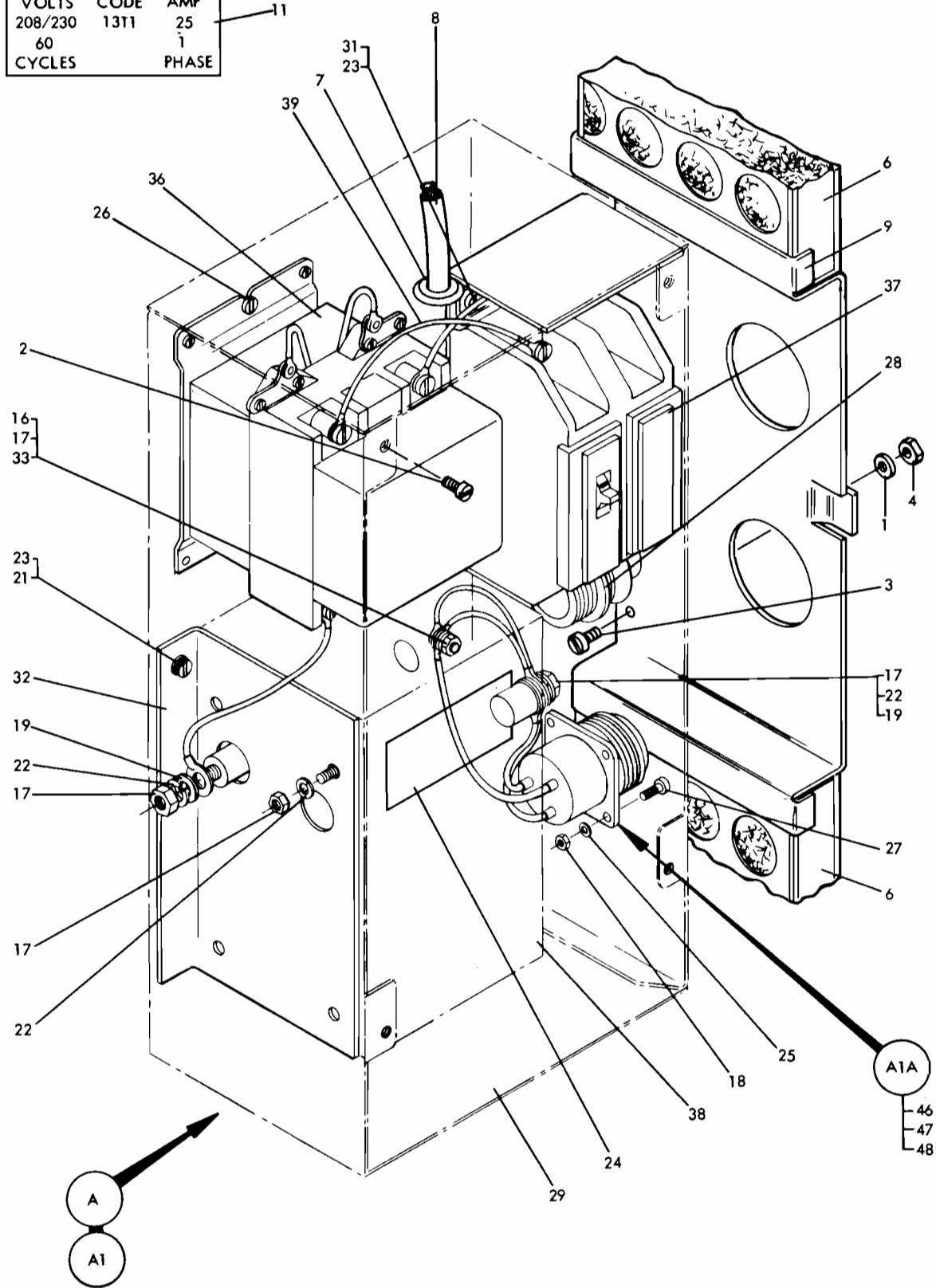


COMPONENT CHART				
REF. NO.	PART NO.	DESCRIPTION	FROM	TO
14	302108	JUMPER	PT A RELAY	1C 1
9	253869	JUMPER	PT B RELAY	1C 3
9	253869	JUMPER	POTENTIOMETER OUTER	1C 6
9	253869	JUMPER	POTENTIOMETER CENTER	1C 8
22	609417	RESISTOR	1C 1	1C 5
21	518163	RESISTOR	1C 2	1C 6
26	2129360	RESISTOR	1C 3	1C 7
19	511522	JUMPER	CAPACITOR (-)	1C 5
19	511522	JUMPER	CAPACITOR (-)	1C 7
7	205329	JUMPER	1C 1	1C 2
7	205329	JUMPER	1C 7	1C 8

- A 614365 COMPONENT ASM IDLE CONTROL
USED ON 1402-4 ONLY
- 1 6364 LWASHER
 - 2 10170 SCREW
 - 3 19944 SCREW
 - 4 38354 SCREW
 - 6 55901 LWASHER
 - 7 205329 JUMPER
 - 8 228626 CAPACITOR
 - 9 253869 JUMPER
 - 11 257187 NUT
 - 12 257189 NUT
 - 13 302090 TERMINAL BLOCK
 - 14 302108 JUMPER
 - 16 351045 POTENTIOMETER
 - 17 471715 RELAY
 - 18 480594 CLAMP
 - 19 511522 JUMPER
 - 21 518163 RESISTOR
 - 22 609417 RESISTOR
 - 23 614366 BOARD MTG
 - 24 620350 NUMBERING STRIP
 - 26 2129360 RESISTOR

LINE FILTER ASM. (FOR 1311 DISC FILE)

VOLTS	CODE	AMP
208/230	13T1	25
60		1
CYCLES		PHASE

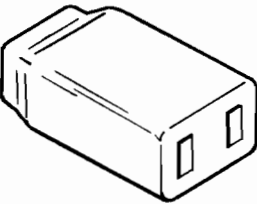
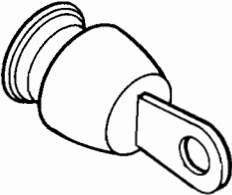
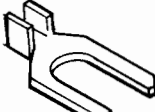
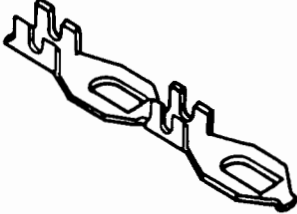

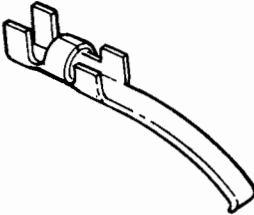
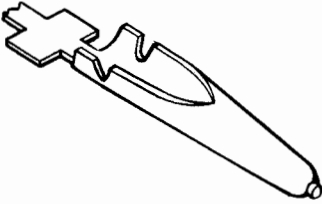
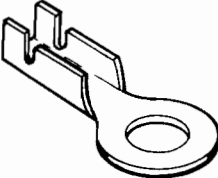
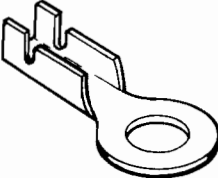

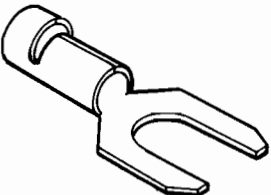
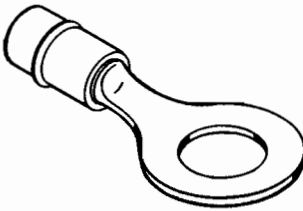
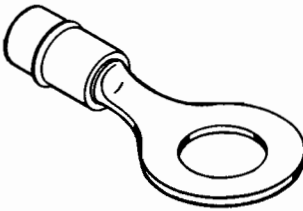
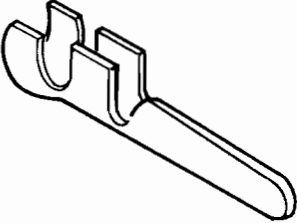
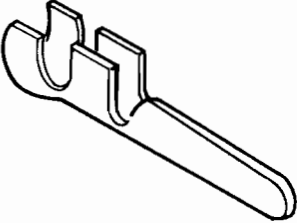
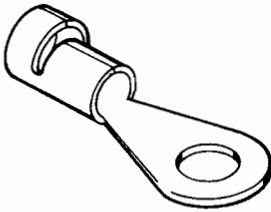
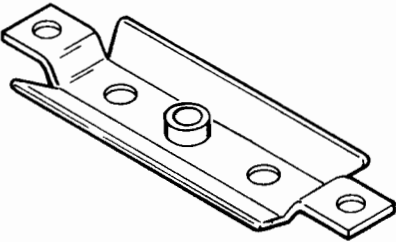
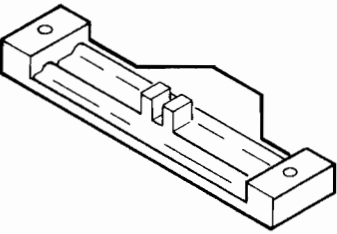
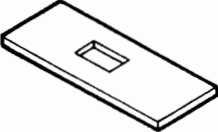
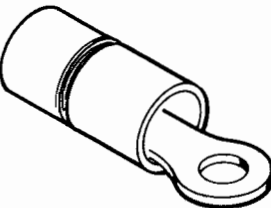
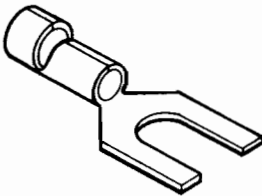
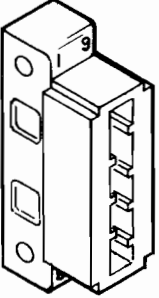


A 610467 LINE FILTER ASM FOR 1311 DISC FILE
 1 55901 LWASHER BRACKET MTG
 2 58207 SCREW BOX MTG
 3 186759 SCREW BRACKET MTG
 4 257189 NUT BRACKET MTG
 6 511216 FILTER AIR
 7 610459 GROMMET
 8 610463 CABLE ASM CONTACTOR
 9 610470 BRACKET FILTER MTG
 11 2154370 NAMEPLATE

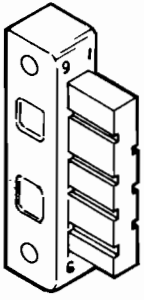
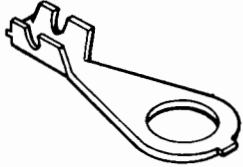
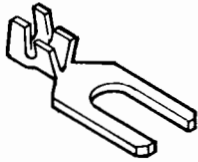
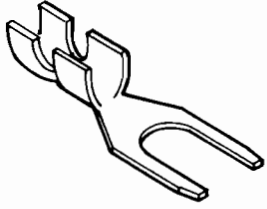
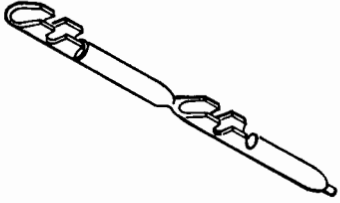
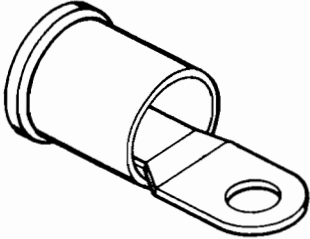

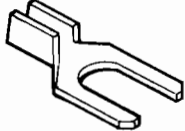
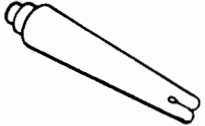
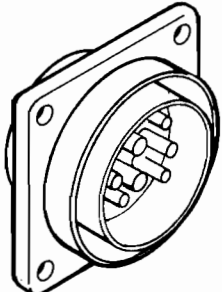
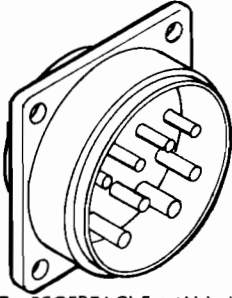
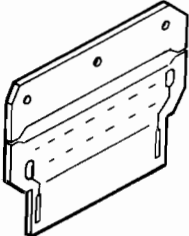
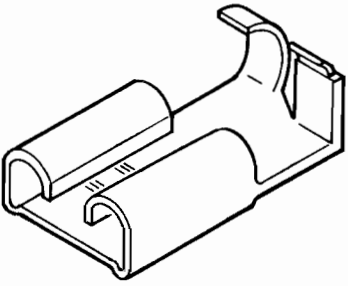
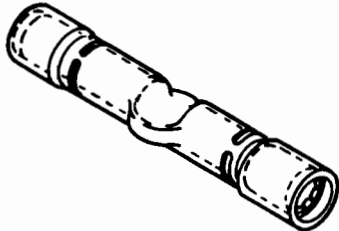
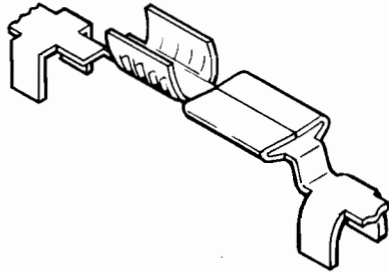
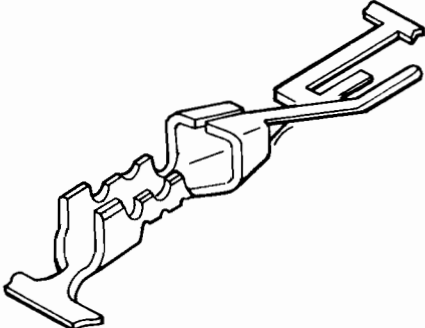
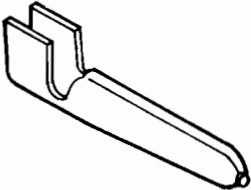
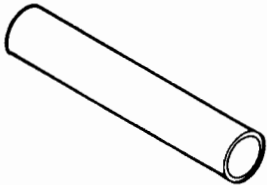
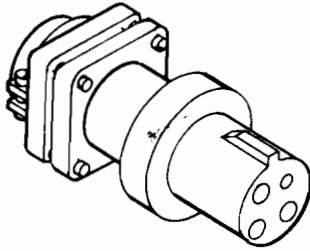
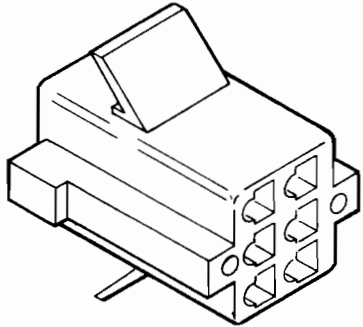
A1 610388 FILTER BOX ASM
 16 5677 SCREW
 17 11598 NUT
 18 37913 NUT
 19 45690 WASHER
 21 55901 LWASHER
 22 56079 LWASHER
 23 58207 SCREW
 24 138755 DECAL
 25 338169 LWASHER
 26 221790 SCREW
 27 338238 SCREW
 28 342250 CLAMP CABLE
 29 610455 FILTER BOX
 31 610457 BRACKET CB MTG
 32 610458 BRACKET FILTER MTG
 33 610462 RESISTOR ASM
 36 2128749 CONTACTOR
 37 2158708 CIRCUIT BREAKER
 38 2160825 FILTER LINE
 39 2162231 JUMPER ASM

A1A 610472 RECEPTACLE ASM
 46 610464 JUMPER BLACK
 47 610465 JUMPER GREEN
 48 2161871 RECEPTACLE

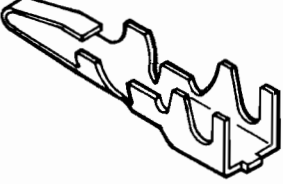
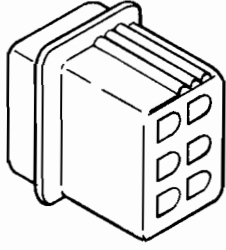
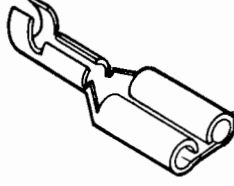
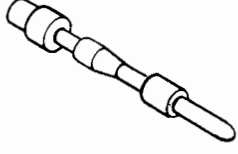
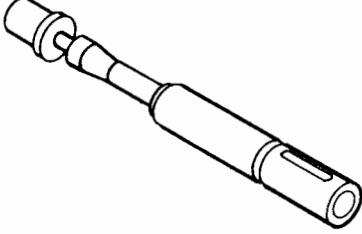
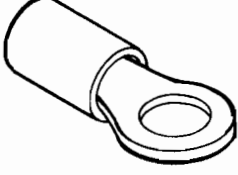
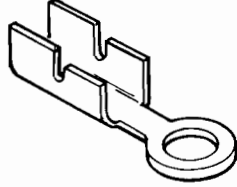
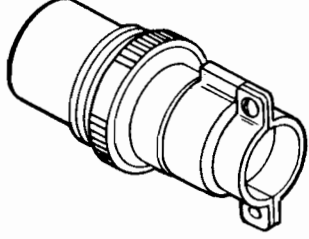
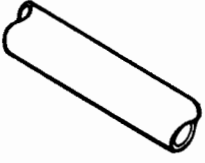
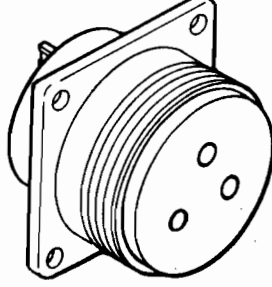
CABLE & JUMPER COMPONENT PARTS

 <p>1 12575 CONNECTOR FEMALE</p>	 <p>2 82725 TERMINAL WIRE SIZE 6</p>	 <p>3 91374 CLIP TERMINAL WIRE SIZES 20 & 16</p>	 <p>6 115186 TERMINAL WIRE SIZES 20, 22, & 24</p>
 <p>7 121327 TERMINAL WIRE SIZES 14 & 16</p>	 <p>8 122610 TERMINAL WIRE SIZES 22 & 18</p>	 <p>9 179007 TERMINAL LARGE TAPER WIRE 20, 22, & 24</p>	 <p>11 186959 TERMINAL WIRE SIZES 14 THRU 18 USED WITH A NO. 8 SCREW</p>  <p>11 186960 TERMINAL WIRE SIZES 14 THRU 18 USED WITH A NO. 10 SCREW</p>
 <p>12 186961 CLIP</p>	 <p>13 186967 TERMINAL WIRE SIZES 20, 22, & 24</p>	 <p>16 186968 TERMINAL WIRE SIZES 10 THRU 12 USE WITH A NO. 8 SCREW</p>  <p>16 322025 TERMINAL WIRE SIZES 14 THRU 16 USE WITH A NO. 12 SCREW</p>	<p>16 334768 TERMINAL WIRE SIZES 22 THRU 18 USE WITH A NO. 1/4-20 SCREW</p> <p>16 334910 TERMINAL WIRE SIZES 16 THRU 14 USE WITH A NO. 6 SCREW</p> <p>16 334921 TERMINAL WIRE SIZES 22 THRU 18 USE WITH A NO. 6 SCREW</p> <p>16 334932 TERMINAL WIRE SIZES 22 THRU 16 USE WITH A NO. 10 SCREW</p> <p>16 360370 TERMINAL WIRE SIZES 16 & 14 USE WITH A NO. 8 SCREW</p> <p>16 504879 TERMINAL WIRE SIZE 6 USE WITH A NO. 10 SCREW</p>
 <p>17 187243 TERMINAL SMALL TAPER WIRE 20, 22, & 24</p>  <p>26 257159 TAPER PLUG USE WITH TWO NO. 20 WIRES</p>	 <p>18 187459 TERMINAL WIRE SIZES 20 THRU 24</p>	 <p>19 216208 CLAMP CABLE CONNECTOR</p>	 <p>21 216209 SUPPORT CABLE CONNECTOR CARD</p>
 <p>22 216210 SPACER CABLE CONNECTOR</p>	 <p>23 253740 CLIP WIRE SIZES 12 & 10 SCR #6</p>	 <p>24 255994 TERMINAL WIRE SIZES 16 THRU 20</p>	 <p>27 257243 CONNECTOR MINIATURE FEMALE</p>

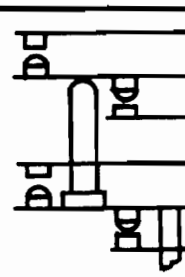
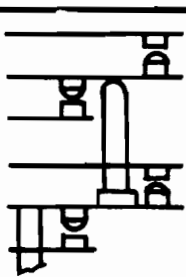
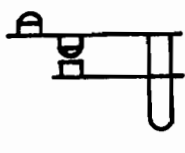
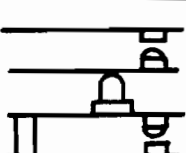
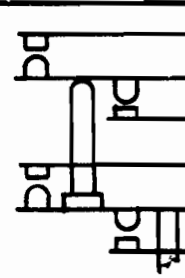
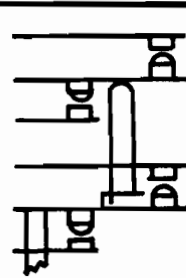
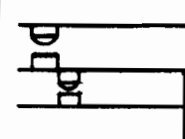
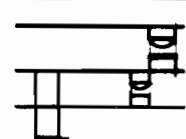
CABLE & JUMPER COMPONENT PARTS

 <p>28 257244 CONNECTOR MINIATURE MALE</p>	 <p>29 313289 TERMINAL WIRE SIZES 20, 22, & 24</p>	 <p>31 313361 TERMINAL WIRE SIZES 20, 22, & 24</p>	 <p>32 313391 TERMINAL WIRE SIZES 20, 22, & 24</p>
 <p>33 320167 PLUG TAPER 37 360433 CONNECTOR TAPER PIN BARE WIRE CRIMP</p>	 <p>34 335970 TERMINAL WIRE SIZE 8</p>	 <p>36 359695 TERMINAL WIRE SIZES 14 THRU 16</p>	 <p>38 435599 TERMINAL WIRE SIZES 18 THRU 22</p>
 <p>39 450842 CLIP ALIGATOR RED WIRE SIZES 20 THRU 16 41 450843 CLIP ALIGATOR BLACK WIRE NO. 20 THRU 16</p>	 <p>42 479895 RECEPTACLE WALL MTG 9 POS R/P DC 44 479899 RECEPTACLE WALL MTG 8 POS R/P AC</p>	 <p>43 479897 RECEPTACLE WALL MTG 17 POS R/P DC 46 479901 RECEPTACLE WALL MTG 17 POS R/P AC</p>	 <p>47 491349 CARD CABLE ENTRY CONTINUOUS GRD BUS 89</p>
 <p>48 517913 CLIP WIRE SIZES 18 - 12</p>	 <p>49 523176 CONNECTOR TWO WAY WIRE SIZES 24 - 20</p>	 <p>51 596255 CLIP</p>	 <p>52 598041 CONTACT DUAL WIRE SIZES 20 THRU 24</p>
 <p>53 600844 TERMINAL SMALL TAPER WIRE 22 - 24</p>	 <p>54 608104 TUBING CABLE COVERING</p>	 <p>56 609543 PLUG MALE CABLE 60A 600V AC</p>	 <p>57 609686 PLUG LOK G CIRCUIT AMP</p>

CABLE & JUMPER COMPONENT PARTS

 <p>58 609687 CONTACT</p>	 <p>59 609691 CAP MOLDED PLUG LOK 6 CIRCUIT AMP</p>	 <p>61 610396 RECEPTACLE TAB WIRE SIZES 22 - 18</p>	 <p>62 760123 PIN SINGLE CONDUCTOR NO. 16 WIRE 63 760124 PIN SINGLE CONDUCTOR NO. 12 WIRE</p>
 <p>64 760125 SOCKET SINGLE CONDUCTOR NO. 12 WIRE 66 760126 SOCKET SINGLE CONDUCTOR NO. 16 WIRE</p>	 <p>67 2101326 TERMINAL WIRE SIZES 12 THRU 10</p>	 <p>68 2101657 TERMINAL WIRE SIZES 20 THRU 16</p>	 <p>69 2131750 PLUG 4 WIRE 30 AMP</p>
 <p>71 2157341 TUBING HEAT SHRINK</p>	 <p>72 2161871 RECEPTACLE FEMALE</p>		

DUO RELAY & RESISTOR CHARTS

* DO NOT ORDER - USE THESE NUMBERS FOR DETERMINING CORRECT P/N ONLY	NUMBER STAMPED ON COIL	RELAY ASM	COIL AND CLIP ASM	ARMATURE	CONTACT SPRING ASM	
					RIGHT (FACING ARMATURE END)	LEFT
	* 111350	124843	154350	107177	 105832 141977 125877 120837 141981 121839	105832 141977 125877 120837 141981 121839 
	* 111350	167436	154350	107177	 141978 117102	105832 129878 141980 117925 
	* 609150	609149	609151	107177	 105832 141977 125877 120837 141981 121839	105832 141977 125877 120837 141981 121839 
* 111350	111351	154350	107177	 105832 141978 117102	105832 141978 117102 	

RESISTOR CHART FOR ASM 609330 (1402)

POS	PART NO.	VALUE
3-16	609423	30 OHM 10W
3-15	609422	120 OHM 2W
2-14	609393	110 OHM 2W
7-20	609423	30 OHM 10W
7-19	609422	120 OHM 2W
6-18	609393	110 OHM 2W
11-24	609423	30 OHM 10W
11-23	609422	120 OHM 2W
10-22	609393	110 OHM 2W

RESISTOR CHART FOR ASM 610370 (1402)

POS	PART NO.	VALUE
11-29	610369	110 OHM 1W
9-28	610367	24 OHM 5W
5-23	610369	110 OHM 1W
15-34	610367	24 OHM 5W
13-31	2124546	6.8K 1/2 W
13-30	610372	9.1K
14-32	317580	160 OHM
7-25	2124546	6.8K 1/2 W
7-24	610372	9.1K
8-26	317580	160 OHM
10-28	609393	110 OHM 2W
18-36	610367	24 OHM 5W
18-35	610369	110 OHM 1W
16-34	609393	110 OHM 2W
4-22	609393	110 OHM 2W
1-19	609522	50 OHM 5W
17-35	603212	10 OHM 5W

RESISTOR CHART FOR ASM 614027 (1402-2)

POS	PART NO.	VALUE
3-15	614135	300 OHM 1W
2-14	609393	110 OHM 2W
7-19	614135	300 OHM 1W
6-18	609393	110 OHM 2W
11-24	609423	30 OHM 10W
11-23	609422	120 OHM 2W
10-22	609393	110 OHM 2W

CABLE ASM. CHARTS

609401 CABLE ASM READER CONN 1ST RD STATIO
609402 CABLE ASM READER CONN 2ND RD STATIO
609403 CABLE ASM PUNCH CHECK TO PCH CONN
609404 CABLE ASM PCH MAG CONN PCH MAG TERM
609405 CABLE ASM PCH CONN PCH MAG TERMINAL
609406 CABLE ASM RELAY GATE
609407 CABLE ASM-MAIN
609410 CABLE ASM SIGNAL
609482 CABLE ASM TAPE CONTACTOR
609611 CABLE ASM RELAY TO CONN PCH FD RD
609612 CABLE ASM PCH RD BRUSH PCH FD RD
609613 CABLE ASM SEC READ BRUSH PCH FD RD
609614 CABLE PFR
609615 CABLE ASM CIRCUIT BREAKER TO CONTAC
609715 CABLE ASM AC POWER TO TAPE
609732 CABLE ASM AC POWER
609733 CABLE ASM DC POWER
609763 CABLE ASM EARLY READ FEATURE
609774 CABLE ASM STD MACHINE
609948 CABLE ASM 51-80 EARLY READ FEATURE
610231 CABLE ASM PUNCH FEEED READ PFR
610363 CABLE ASM SOLAR CB EMITTER
610536 CABLE ASM DC POWER
610537 CABLE ASM PCH CONN TO PCH MAG DRIVE
610538 CABLE ASM PCH MAG CONN PCH MAG DRIV
610539 CABLE ASM SIGNAL
610540 CABLE ASM PUNCH FD READ PFR
610542 CABLE ASM RELAY GATE
610557 CABLE ASM READ MAIN
610558 CABLE ASM PCH MAIN
610559 CABLE ASM AC POWER
610568 CABLE ASM RD MOTOR TO HD RELAY
610569 CABLE ASM PCH MOTOOR TO HD RELAY
613742 CABLE ASM MAG EMTR
613745 CABLE A MAG EMITTER
614125 CABLE ASM SIGNAL
614126 CABLE ASM RELAY GATE
614127 CABLE ASM MAIN
614128 CABLE ASM POWER MAIN AC
614129 CABLE ASM POWER MAIN DC
614139 CABLE ASM PCH CONNPCH MAG TERMINAL
614353 CABLE ASM AC POWER
614362 CABLE ASM DC POWER

SECTION 1
NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
71	11 41
031	106 40
034	69 40
034	44 37
034	38 54
034	36 45
072	8 34
092	39 53
092	14 50
092	78 50
092	50 50
092	10 53
092	69 53
119	1 05A
119	1 05
119	15 25
119	17 68
232	66 05
232	65 05A
232	1 07
232	131 23
232	16 25
232	1 40
232	16 70
232	106 45
232	1 82
288	86 23
288	46 22
337	1 37
337	132 23
337	1 38
337	2 40
337	1 42
337	71 59
337	39 42
337	6 43
337	2 50
337	1 53
337	41 84
358	32 37
358	97 44
358	13 70
366	28 45
420	1 11
420	17 25
443	1 13
443	3 40
443	1 71
443	1 63
443	1 62
443	14 70
443	1 83
453	111 11
453	2 37
453	91 37
453	26 57
641	2 12
641	2 05
641	74 12
641	2 11
641	2 05A
641	18 25
641	1 45
641	3 50
641	2 53
641	45 59
641	7 62
673	9 34
845	41 09
845	3 12

PART NO.	INDEX NO. AND FIG.
845	1 39
845	10 17
845	3 37
845	2 38
845	56 66
845	41 44
845	46 45
845	79 50
845	40 53
845	2 63
845	62 67
845	31 87
845	77 81
1413	84 05
1413	84 05A
1431	22 64
1431	36 63
1500	23 48
1500	35 52
1769	61 11
1769	126 38
1769	36 87
1866	1 16A
1882	76 38
1940	91 01
1940	102 01
1940	31 03
1940	17 02
1940	1 01
1940	63 01
1940	27 57
2031	1 06
2031	71 06
2031	2 07
2031	3 20
2031	1 18
2031	11 17
2031	16 21
2031	19 25
2031	35 44
2031	28 57
2031	2 59
2031	3 63
2031	5 67
2031	1 66
2032	2 45
2179	3 05
2179	3 05A
2179	3 07
2179	81 82
2300	1 22
2300	2 23
2300	20 25
2300	51 50
2300	11 53
2300	2 54
2300	3 59
2300	3 62
2300	3 66
2300	6 67
2384	3 11
2384	12 17
2384	61 46
2384	36 44
2384	47 45
2384	45 52
2629	2 14
2629	4 50
2629	15 50
2629	3 53

PART NO.	INDEX NO. AND FIG.
2629	70 53
2863	81 61
2903	4 37
2903	3 38
2903	62 39
2903	66 87
2994	92 37
2994	76 51
2994	7 43
2994	3 45
2994	37 49
2994	2 55
2994	3 54
2994	2 62
2994	15 70
3153	4 05A
3153	4 05
3525	2 16A
3550	4 12
3550	32 03
3550	61 02
3550	4 11
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3550	3 16A
3550	36 21
3550	2 25
3550	3 56
3550	68 46
3550	70 56
3550	29 57
3550	4 62
3550	1 69
3550	1 75C
3904	94 28
3904	66 38
3960	33 03
3960	37 21
3960	1 61
3960	30 57
3960	5 62
3960	2 69
4085	11 19
4159	47 16
4159	96 16A
4236	11 34
4327	31*35
4327	42 39
4473	26 21
4473	50 54
4553	31 57
4564	2 71
4569	4 40
4636	37 63
4636	23 64
5471	3 71
5528	4 16A
5528	71 19
5528	48 45
5528	1 46
5528	32 57
5528	46 59
5528	72 59
5528	6 62
5644	5 11
5644	5 12
5644	3 16
5644	4 16A
5644	1 24
5644	6 40
5644	22 43

NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
5644	73 59
5644	24 86
5644	41 82
5644	52 82
5677	21 03
5677	16 88
5771	76 34
6318	72 06
6318	56 34
6318	46 52
6364	4 03
6364	2 13
6364	21 14
6364	41 13
6364	65 14
6364	1 15
6364	66 16
6364	6 16A
6364	2 22
6364	3 23
6364	71 22
6364	66 34
6364	61 35
6364	5 38
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6364	2 42
6364	32 58
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6364	41 42
6364	71 42
6364	98 44
6364	6 47
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6364	31 65
6364	45 64
6364	1 79
6364	2 82
6364	76 82
6364	81 87
6364	1 87A
6503	49 10
6503	6 11
6503	28 10
6503	41 15
6503	12 34
6503	29 45
6503	2 48
6503	52 50
6503	1 52
6503	12 53
6935	6 12
6935	34 03
6935	4 16
6935	7 16A
6935	81 17
6935	1 34
6935	7 40
6935	64 42
6935	107 45
6935	62 46
6935	76 49
6935	55 49
6935	90 49
6935	56 51
6935	104 51
6935	81 51
6935	94 51
6935	4 56
6935	33 57

PART NO.	INDEX NO. AND FIG.
6935	2 61
6935	116 59
6935	9 62
6935	97 61
6935	18 70
7341	13 34
8163	21 25
8427	99 38
8427	49 39
8499	6 16
8499	8 16A
8506	14 34
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10170	109 38
10170	81 39
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10170	7 56
10170	1 60
10170	10 62
10170	49 61
10170	16 68
10170	19 70
10170	2 79
10170	21 80
10170	77 82

PART NO.	INDEX NO. AND FIG.
10170	2 87A
10303	121 16
10303	136 16A
10307	53 38
10309	8 12
10309	113 11
10309	93 37
10309	36 57
10311	66 42
10610	14 06
10610	14 06A
11587	8 48
11587	6 52
11598	75 12
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11598	21 70
11598	35 69
11598	2 75C
11598	83 82
11598	3 83
11598	107 86
11598	17 88
11899	77 38
11900	46 11
11900	22 13
11900	83 22
11900	78 38
11900	27 83
12015	49 45
12552	31 10
12575	1 89
12953	17 13
12953	22 83
12954	46 87
13086	122 40
14102	11 40
16076	55 50
16076	14 53
19167	46 38
19167	121 38
19167	111 38
19167	61 38
19167	63 39
19167	16 81
19167	67 87
19852	8 56
19852	72 56
19944	2 09
19944	1 10
19944	6 38

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19944	3 39
19944	77 59
19944	3 64
19944	3 65
19944	3 87A
20017	2 17
20038	99 44
21791	50 45
21866	84 22
22066	46 05A
22066	46 05
22066	24 25
22066	16 34
22066	101 44
22111	35 53
22232	13 41
22349	9 12
22433	46 37
22478	11 12
22478	16 06A
22478	22 03
22478	16 06
22478	106 06A
22478	97 12
22478	106 06
22478	49 02
22478	76 12
22478	7 16
22478	9 16A
22478	72 19
22478	7 38
22478	53 40
22478	89 40
22478	76 59
22478	48 59
22478	11 62
22478	38 63
22478	24 64
22478	20 67
22478	57 66
22478	16 66
22478	3 69
22478	63 67
22478	52 69
22478	3 75C
22478	22 80
22478	16 79
22478	57 87
22478	47 87
22568	77 49
22668	4 45
22795	7 11
22865	48 84
22867	107 40
23056	16 17
23056	39 44
23087	82 51
23108	17 34
23787	16 50
23787	71 53
23815	39 63
23815	25 64
23857	6 49
23857	16 51
23931	57 34
24090	101 16
24090	114 16A
24090	61 37
24107	6 37
24511	41 12

PART NO.	INDEX NO. AND FIG.
24511	66 05A
24511	67 05
24511	17 17
24511	2 18
24511	4 20
24511	40 44
24511	5 50
24511	5 53
24511	3 82
24752	8 38
24752	6 45
24752	4 58
24752	12 62
24752	6 63
24752	26 65
24752	4 69
24957	47 11
25018	2 06
25597	18 34
25602	19 34
25625	46 47
25625	76 52
25627	1 08
25627	67 16
25627	11 16A
25627	7 37
25627	4 59
25891	37 57
25891	13 62
25967	43 42
25967	9 43
26344	53 82
26513	56 50
26513	15 53
27073	57 50
27073	16 53
27083	57 23
28413	7 49
28413	18 51
28413	4 55
28413	35 57
28413	4 75C
28441	61 16
28441	108 16A
28441	47 37
28616	5 14
29579	84 82
29930	39 54
29949	101 38
29949	92 38
29949	112 38
29980	56 10
30145	41 56
32042	116 11
32042	64 01
32042	43 21
32042	33 37
32042	123 40
32042	99 40
32042	7 45
32042	108 45
32042	73 56
32042	38 57
32042	117 59
32042	82 61
32042	14 62
32042	1 63
32042	6 75C
32617	7 75C
32617	17 79

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34512	8 11
34512	42 18
34512	73 19
34512	46 20
34512	8 37
34512	124 40
34512	102 44
34512	42 65
34512	56 64
34512	58 66
34512	1 68
34512	8 75C
34512	18 79
34512	23 80
34512	36 85
34512	88 87
34512	108 86
35739	34 09
35739	19 17
35739	3 18
35739	6 20
35739	27 24
35739	42 44
35739	75 59
35739	32 65
35739	46 64
35739	17 70
35739	1 80
35739	37 86
36109	22 70
36109	9 75C
36112	38 3
36112	71 56
36844	74 56
36844	39 57
36844	118 59
36844	15 62
36844	98 61
37913	56 12
37913	5 23
37913	11 57
37913	1 84
37913	51 83
37913	15 87
37913	18 88
38051	7 20
38051	24 44
38051	2 46
38235	1 09
38235	91 12
38235	49 04
38235	2 08
38235	2 10
38235	1 04
38235	23 14
38235	81 13
38235	43 13
38235	3 15
38235	8 16
38235	12 16A
38235	12 19
38235	6 23
38235	135 38
38235	101 40
38235	90 50
38235	5 54
38235	40 57
38235	33 58
38235	140 57
38235	11 75C

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38235	3 79
38235	5 85
38235	48 87
38261	36 24
38261	63 46
38261	32 48
38261	10 52
38262	73 06A
38262	73 06
38262	4 13
38262	72 22
38262	41 81
38262	4 83
38263	9 11
38263	13 19
38263	4 42
38263	16 62
38264	6 14
38264	14 19
38264	77 59
38264	49 59
38264	2 60
38264	61 61
38265	1 87
38266	56 05
38266	56 05A
38266	6 13
38266	15 19
38266	73 22
38266	109 45
38266	7 83
38269	11 11
38269	6 42
38348	12 18
38348	51 17
38348	18 20
38348	3 22
38348	8 23
38348	58 23
38348	76 44
38348	11 46
38350	2 03
38350	39 03
38350	24 14
38350	44 13
38350	4 15
38350	21 17
38350	97 22
38350	2 36
38350	72 42
38350	44 42
38350	44 44
38350	17 62
38350	2 66
38350	4 82
38351	46 13
38351	25 14
38351	6 15
38351	4 39
38351	14 41
38351	18 62
38352	17 06A
38352	17 06
38352	3 36
38352	62 35
38352	9 38
38352	5 39
38352	108 40
38352	7 63
38353	66 14

PART NO.	INDEX NO. AND FIG.
38353	11 38
38353	16 41
38354	11 32A
38354	4 22
38354	11 23
38354	38 25
38354	41 41
38354	73 42
38354	24 43
38354	23 70
38354	4 87A
38359	36 08
38359	7 42
38359	26 43
38359	74 42
38361	6 22
38361	12 23
38361	103 44
38361	1 85
38364	58 50
38364	17 53
38368	26 25
38368	104 44
38368	111 45
38368	5 58
38368	5 59
38368	7 67
38368	82 87
38370	12 11
38380	6 58
38380	34 58
38380	5 61
38380	99 61
38381	10 63
38383	8 49
38383	19 51
38389	12 40
38389	85 59
38392	6 61
38432	47 86
38432	92 86
38433	101 26
38433	13 23
38433	61 36
38433	2 84
38433	2 85
38434	18 06
38434	18 06A
38434	14 23
38435	55 12
38435	49 22
38435	89 23
38435	41 36
38435	48 83
38442	74 06
38442	1 41
38442	21 82
38442	42 82
38442	54 82
38443	26 14
38443	47 13
38443	7 15
38443	4 36
38450	17 84
38450	37 85
38451	37 24
38451	5 63
38452	38 24
38452	2 35
38452	6 69

PART NO.	INDEX NO. AND FIG.
38454	86 05A
38454	86 05
38454	8 45
38565	82 13
38686	41 57
38686	53 69
38686	19 79
38686	2 80
38688	14 12
38688	83 17
38688	42 57
38688	7 61
38693	117 11
38693	94 37
41550	2 87
42026	38 47
42026	47 52
42026	41 63
42026	26 64
42688	121 12
44285	101 45
45624	59 23
45642	1 06A
45642	42 63
45642	27 64
45644	43 63
45644	28 64
45690	77 12
45690	13 11
45690	19 02
45690	23 03
45690	2 02
45690	7 13
45690	21 34
45690	13 40
45690	52 45
45690	5 55
45690	6 54
45690	60 54
45690	43 57
45690	22 57
45690	17 57
45690	8 58
45690	78 59
45690	50 59
45690	8 61
45690	19 62
45690	8 63
45690	24 70
45690	36 69
45690	7 71
45690	12 75C
45690	8 83
45690	19 88
45776	86 82
47242	28 74A
47242	13 75C
48594	36 22
48594	106 23
48594	18 84
48594	26 84
48594	48 86
48594	1 86
48594	21 85
48594	77 86
50930	11 65
52359	42 12
52359	8 42
52359	37 87
52360	56 82

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52522	57 12
52522	106 12
52522	16 12
52522	47 05
52522	47 05A
52522	51 22
52522	91 23
52522	27 25
52522	42 36
52522	43 36
52522	41 83
52522	52 83
52522	16 87
52570	50 04
52570	2 04
52570	37 22
52607	9 48
52607	7 52
52618	61 23
53042	8 47
55711	112 01
55711	21 02
55711	44 57
55726	87 05A
55726	51 04
55726	87 05
55726	3 04
55726	1 59
55726	43 65
55726	47 64
55726	18 68
55901	113 01
55901	19 06A
55901	19 06
55901	68 16
55901	32 22
55901	17 21
55901	56 23
55901	75 56
55901	45 57
55901	9 58
55901	9 61
55901	58 64
55901	44 65
55901	8 67
55901	21 67
55901	17 66
55901	31 66
55901	5 66
55901	31 67
55901	19 68
55901	64 67
55901	20 79
55901	38 85
55901	21 88
55901	1 88
55901	6 87A
55918	6 05A
55918	6 05
55918	54 69
55918	14 75C
56079	12 03
56079	92 01
56079	103 01
56079	42 03
56079	6 55
56079	46 57
56079	36 58
56079	20 62
56079	14 63

PART NO.	INDEX NO. AND FIG.
56079	26 70
56079	16 75C
56079	22 88
56121	3 17
56121	17 75C
56722	5 05A
56722	5 05
56722	41 03
56722	22 34
56722	42 41
56722	47 57
56722	141 57
56722	37 58
56722	90 59
56722	21 62
56722	21 68
56722	20 70
56722	27 70
56722	8 70
56722	24 80
56722	4 79
56722	46 86
56932	7 59
58114	31 39
58207	83 24
58207	4 25
58207	10 61
58207	4 64
58207	4 65
58207	59 66
58207	22 68
58207	28 70
58207	18 75C
58207	79 75
58207	2 88
58207	23 88
58732	81 40
58851	7 05
58851	7 05A
58853	9 37
58854	69 16
59647	43 3
59647	14 40
59648	9 16
59648	14 16A
59682	97 56
60488	21 06
60488	21 06A
60489	32 10
60614	25 70
60646	42 09
60646	88 05A
60646	88 05
60646	3 08
60646	22 17
60646	74 19
60646	18 21
60646	84 24
60646	45 44
60646	53 45
60646	77 52
60646	44 63
60646	29 64
60646	7 69
60646	19 75C
60646	78 81
61994	6 71
62031	5 01
62031	98 22
62031	63 35

PART NO.	INDEX NO. AND FIG.
62031	46 42
62031	7 55
62031	79 59
62031	21 75C
62031	3 80
65266	63 23
65629	17 12
65629	95 59
65880	78 49
65880	83 51
70078	9 70
70950	33 48
70950	8 52
71776	8 69
72670	48 57
72828	122 12
72828	43 12
72828	98 12
72828	91 40
72828	54 40
72828	58 87
72965	46 63
72965	30 64
73431	47 63
73431	31 64
75983	2 21
75983	28 54
76574	49 57
76574	9 59
76574	9 69
76574	55 69
76574	22 75C
76655	48 63
76655	32 64
76659	49 63
76659	33 64
76661	51 63
76661	34 64
76666	52 63
76666	35 64
76669	31 63
76725	A1 63
76729	53 63
76729	36 64
7F845	54 63
76845	37 64
76846	50 57
78916	46 01
78916	8 55
79086	52 04
79086	4 04
79204	7 01
80651	40 04
80651	73 04
80817	51 59
8+817	8 59
80817	4 80
81142	84 17
81142	106 44
81693	76 06
8A693	74 06A
81693	53 04
81693	107 06A
81693	62 11
8A693	95 04
81693	107 06
81693	5 04
81693	30 10
81693	71 37
81693	127 38

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81693	11 61
81693	23 68
81693	43 81
81693	84 87
81693	83 87
81898	22 62
82725	2 89
83687	56 63
83687	38 64
91374	3 89
91611	109 86
92524	17 50
92524	72 53
92749	52 59
92784	100 61
92784	4 89
98127	42*56
NO NO	A 80
NO NO.	A 16
NO NO.	A 62
NO NO.	A 68
NO NO.	A 71
NO NO.	A 89
100132	16 19
100229	48 11
100229	23 13
100229	86 22
100229	28 83
100237	76 45
100359	79 38
100606	13 18
100606	52 17
100606	19 20
100606	77 44
100606	12 46
101017	77 45
101487	34 48
101545	8 14
101546	9 14
101706	44 03
101706	13 03
101706	54 57
101706	87 82
101807	11 16
101807	16 16A
101923	86 87
102691	43 09
102691	13 16A
102691	79 81
103639	8 44
103663	9 44
103743	10 44
103744	11 44
104294	24 68
104467	7 44
104468	12 44
104469	A 44
104606	58 34
104615	12 58
104615	25 65
104696	23 17
104696	46 44
104699	13 16
104699	17 16A
104763	18 12
104763	48 37
104763	24 48
104763	37 52
104763	8 54
104909	38 58

PART NO.	INDEX NO. AND FIG.
105047	18 16A
105047	23 34
105197	12 38
106681	3 86
107374	15 16A
107664	39 58
107666	41 58
107668	42 58
107669	43 58
107799	44 58
108779	48 13
108779	28 14
10H779	8 15
109105	10 49
109105	23 51
109315	24 34
109339	63 11
109339	128 38
109339	38 87
110029	16 40
110129	22 06
110129	78*12
110129	99*12
110129	108*06
110129	77*11
110129	108 06A
110129	76 06A
110129	22 06A
110129	77 06
110129	92*40
110129	82 40
110129	56*40
110129	29*42
110129	44 81
110129	59*87
111351	A4 63
112288	56 70
112537	48 52
112538	49 52
112542	51 52
112611	52 52
112613	53 52
113204	19 21
113305	19 16A
113821	2 24
113821	26 86
115186	5 80
115186	6 89
117281	78 11
117281	6 25
118418	49 11
118418	78 45
118635	23 75C
120211	23 57
120211	18 57
120211	55 57
120211	23 62
120620	56 16
120620	104 16A
120789	117 01
120789	38 21
120789	54 45
120789	100 59
120955	38*45
121025	11 49
121098	12 49
121098	26 51
121327	7 89
121521	24 17
121521	47 44

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121521	23 56
121521	49 56
121756	64 35
121924	40 58
122592	80 59
122610	8 89
122772	13 49
122772	27 51
122856	26 48
122856	43 52
123148	13 44
123149	14 44
123206	26 34
123434	27 34
123439	28 34
123441	29 34
123536	31 34
123639	76 19
123639	17 40
123639	64 46
123639	21 56
123780	23 02
124138	57 63
124138	39 64
124815	10 59
124987	2 34
125898	14 16
125898	103 16
125930	9 01
125930	98 25
126065	7 25
126620	25 44
126631	8 44
126632	26 44
127324	24 75C
127735	14 11
127735	8 05
127735	8 05A
127735	28 25
127735	9 45
128172	32 34
128172	60 50
128172	18 53
128455	10 55
128455	56 57
128543	3 48
128543	2 52
128817	59 34
129243	15 11
129243	57 04
129243	25 17
129243	4 18
129243	8 20
129243	10 45
129243	73 44
129243	55 45
129244	26 17
129244	9 20
129247	74 44
129654	50 10
129654	28 08
129654	19 12
129654	68 19
129654	3 21
129654	65 35
129654	86 37
129654	9 42
129654	11 48
129654	36 48
129654	9 52

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129654	56 54
130434	104 01
130434	93 01
130434	24 02
130434	56 45
130435	37 48
130435	83 52
130562	9 05A
130562	9 05
130562	86 24
130985	99 56
130985	57 57
130987	98 56
130987	58 57
131191	71 16
131546	29 25
131562	71 40
132017	15 44
133202	26 13
133202	87 22
133202	31 83
133273	96 37
133273	11 43
133686	54 52
133742	2 47
133742	3 52
134996	10 47
138296	106 11
138298	96 16A
138709	88 22
138754	46 58
138755	59 57
138755	45 58
138755	24 62
138755	9 63
138755	45 65
138755	57 64
138755	29 70
138755	8 71
138755	24 88
139450	57 52
140425	76 56
140777	99 25
140777	18 40
141162	33 34
141492	58 52
141835	118 01
141964	27 13
141964	32 83
144040	16 16
144040	22 16A
144040	19 40
147297	10 05A
147297	10 05
147297	64 23
147297	36 36
147297	18 41
147297	58 63
147297	40 64
148368	16 22
148368	15 23
149893	32 67
149893	32 66
149897	89 05A
149908	67 42
149908	66 46
150209	72 16
150209	23 16A
150209	41 24
150209	3 87

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150566	2 06A
150566	43 18
150566	47 20
150566	11 37
150566	13 38
150566	7 39
150603	76 24
150698	58 49
151062	17 41
151230	48 16
151230	97 16A
151405	16*35
151720	3 09
151720	64 39
151720	14 49
151720	29 51
151720	68 87
151907	78 52
151908	59 52
151911	61 52
151914	62 52
152711	81 38
152794	31 13
152794	34 83
154404	71 13
154404	30 15
154404	51 14
154548	81 59
155749	58 12
155749	123 12
155749	52 22
155749	7 22
155749	16 23
155749	92 23
155749	44 36
155749	53 83
156231	17 16
156231	24 16A
156231	57 45
156231	9 54
156231	40 54
156364	44*12
156364	92 12
156364	4*17
156364	84 25
156364	136 38
156364	32 39
156364	45*40
156364	58 45
156364	37*56
156364	49 87
159373	66 35
159373	11 55
159373	1 57
159941	26 68
159944	11 59
159944	27 68
159945	12 59
159946	13
159953	61 34
159960	34 34
159963	77*34
159965	62 34
159966	78*34
159969	36 34
160017	79 49
160017	59 49
160017	91 49
160017	96 51
160017	106 51

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160017	59 51
160017	84 51
16+062	51 41
160817	12 43
160817	47 42
16+817	4 87
160827	13 43
160827	48 42
160942	59 45
160989	21 40
161351	122 16
161351	137 16A
163518	67 05A
163518	8 82
163899	18 50
163899	73 53
165010	54 04
165010	7 04
165556	30 25
167216	22 40
167323	27 17
167323	48 44
167338	13 58
167790	37 36
167790	32 41
168076	31 45
169733	67 35
170150	20 12
170150	70 83
170176	39 24
170228	4 07
170241	26 16A
170241	17*35
170351	27 16A
171059	50*47
171059	33 49
171059	71 51
171485	85 61
172910	83 61
172999	84 61
173204	51 11
173204	32 13
173204	89 22
173204	82 38
173204	36 83
173211	14 18
173211	53 17
173211	21 20
173211	78 44
173211	13 46
173211	11 63
173706	23 65
173937	37 34
175169	63 52
179007	9 89
180846	41 67
180846	42 66
182375	86 61
183864	38 34
184792	3 02
184792	46 18
184792	49 20
184792	25 60
185093	4 86
185197	55 04
185197	8 04
185562	78 82
186635	18 16
186635	28 16A
186758	23 06A

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PART NO.	INDEX NO. AND FIG.
186758	23 06
186758	24 03
186758	11 47
186758	79 52
186758	18 79
186759	24 06A
186759	24 06
186759	39 21
186759	117 44
186759	61 45
186759	15 49
186759	19 75
186759	31 51
186759	14 58
186759	25 62
186759	33 67
186759	33 66
186759	2 68
186759	11 69
186759	58 69
186759	42 84
186759	39 85
186759	3 88
186928	12 47
186932	47 18
186932	51 20
186933	38 48
186934	39 48
186934	84 52
18F935	3 34
186935	12 37
186935	112 45
186942	12 69
186943	12 69
186950	101 56
186959	11 89
186960	11 89
186961	12 89
186967	41 46
186967	13 89
186968	16 89
187243	42 46
187243	17 89
187459	18 89
187496	19 16
187496	29 16A
188696	47 58
188696	38 70
188906	28 68
189992	51 19
189992	36 19
191484	26 62
191955	17 19
191959	18 19
191961	19 19
191962	20 19
191978	46 12
191979	47 12
191980	48 12
191981	52 12
192049	78 06
192049	77 06A
192049	46 81
194612	124 12
194989	77 19
196163	31 25
196299	39 34
196299	11 45
196698	29 14
196698	49 13

PART NO.	INDEX NO. AND FIG.
196698	9 15
196818	11 42
196832	120 25
196833	11 05A
196833	11 05
196833	88 82
198363	14 59
198363	1 70
203370	A1A 34
203371	A1C 34
203371	41 34
203419	42 34
203524	17 49
203524	32 51
203788	109 40
204289	5 64
204326	11 52
204362	34 66
204362	34 67
204363	12 61
204433	21 16
204433	31 16A
204433	102 16A
204499	16 59
204616	46 03
204623	72 40
204623	102 40
205086	4 21
205086	12 54
205094	6 21
205094	30 54
205097	7 21
205097	31 54
205329	21 12
205329	9 04
205329	16 11
205329	60 04
205329	23 40
205329	7 87A
205742	54 17
205742	16 18
205742	22 20
205742	80 44
205742	14 46
205742	79 45
205743	56 17
205743	17 18
205743	23 20
205743	81 44
205743	81 45
205743	16 46
205747	57 17
205747	18 18
205747	24 20
205747	82 44
205747	17 46
205747	82 45
205773	41 21
205773	13 54
205783	58 17
205783	19 18
205783	26 20
205783	83 44
205783	18 46
205783	83 45
205876	8 21
205876	32 54
205915	21 79
206082	56 47
206430	27 21

PART NO.	INDEX NO. AND FIG.
206430	51 54
206459	85 13
206532	32 25
206554	15 58
206554	9 67
206592	42 67
206592	43 66
206595	44 66
206595	43 67
207237	A 78
207240	A 74
207263	37 69
207266	38 69
207267	A 76
207269	81 69
207272	82 69
207293	60 69
207318	42 69
207382	61 69
208182	A 73
208196	82 59
208205	B 72
208274	A 69
208388	41 69
20H388	26 75C
208389	39 69
208825	27 75C
208972	B 74
209000	62 57
209063	66 24
209063	5 86
209077	42 08
209077	21 19
209146	A2A 06A
209146	A4A 81
209147	A2B 06A
209147	A4B 81
209182	78 06A
209184	79 06A
209184	42 81
209220	68 24
209483	13 69
209484	14 69
210880	17 69
210883	29 68
210883	51 70
210884	31 68
210884	52 70
210984	16 58
210984	66 62
210984	16 69
210984	43 69
210984	53 70
210984	28 75C
210985	67 62
210985	44 69
210986	68 62
210986	45 69
211530	49 86
211572	63 57
212822	17 60
212822	74 61
212822	66 61
212903	81 06A
212912	82 06A
212912	51 81
213539	52 19
213539	46 66
213539	44 67
213693	18 59

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213714	47 66
213714	46 67
213940	7 59
214228	54 17
214228	42 20
214228	80 44
214228	79 45
215150	107 11
216072	66 68
216073	67 61
216076	51 61
216076	A1B1 61
216076	A1A 68
216082	71 61
216082	76 61
216083	A1A 60
216083	A1B2 61
216083	A1C1 61
216085	3 60
216085	13 61
216087	21 60
216087	77 61
216087	72 61
216087	68 61
216087	67 68
216088	22 60
216088	69 61
216088	78 61
216088	73 61
216089	68 68
216091	4 60
216091	62 61
216128	29 10
216128	60 12
216128	53 22
216128	93 23
216128	46 36
216128	72 37
216128	49 83
216128	3 85
216128	79 86
216180	46 69
216207	14 61
216208	43 46
216208	19 89
216209	44 46
216209	21 89
216210	45 46
216210	22 89
216212	63 61
216285	5 60
216297	52 61
216303	19 60
216303	53 61
216537	81 50
216537	41 53
216837	26*06A
216837	26*06
216837	4 08
21F837	75 19
216837	4 34
219616	51 02
219617	52 02
219617	26 02
219679	33 25
219743	12 08
219743	2 19
219837	16 44
219839	17 44
220032	13 55

PART NO.	INDEX NO. AND FIG.
220032	10 67
220478	106 01
220478	94 01
220856	19 59
220893	B 69
220902	A 75
221651	11 01
221688	27 62
221790	20 50
221790	57 54
221790	74 53
221790	16 61
221790	32 68
221790	26 88
22A873	A 77
221932	28 75
222022	29 75C
222023	31 75C
222027	32 75C
222190	43 34
222355	2 70
223082	34 10
223082	79 27
223089	A 69
223412	18 69
223413	19 69
223414	26 69
22C415	21 69
223416	22 69
223528	64 57
223528	72 75
223642	12 63
225530	101 61
225532	120 59
225599	42 54
225741	6 34
225859	12 05A
225859	12 05
225859	62 02
225859	3 06
225859	3 06A
225859	6 07
225859	34 25
225859	89 82
225859	96 81
226110	24 40
227398	123 16
227398	138 16A
227398	77 56
228093	57 05A
228093	57 05
228093	42 24
228093	12 57
228105	51 86
228107	59 17
228107	21 18
228107	27 20
228107	84 44
228107	84 45
228107	19 46
228147	61 17
228147	22 18
228147	28 20
228147	85 44
228147	21 46
228147	86 45
228164	87 45
228348	27 06A
228348	27 06
228472	88 45

PART NO.	INDEX NO. AND FIG.
228475	23 18
228475	62 17
228475	29 20
228475	86 44
228475	89 45
228475	22 46
228476	63 17
228476	24 18
228476	31 20
228476	87 44
228476	23 46
228476	91 45
228477	64 17
228477	26 18
228477	32 20
228477	88 44
228477	24 46
228477	92 45
228478	27 18
228478	66 17
228478	33 20
228478	89 44
228478	93 45
228478	26 46
228480	94 45
228481	96 45
228609	62 45
228609	3 46
228626	52 57
228626	8 87A
228899	4 02
230736	67 17
230736	28 18
230736	34 20
230736	90 44
230736	97 45
230736	27 46
233355	49 12
234317	25 25
234318	17 11
234320	1 16
234320	66 39
234320	71 87
234321	51 09
234321	4 06A
234321	17 10
234321	4 09
234321	68 05A
234321	68 05
234321	47 25
234321	8 81
234321	6 82
234322	49 42
234323	83 06A
234323	22 12
234323	131 12
234323	52 81
234328	53 57
234331	65 57
234332	9 56
234335	19 11
234340	18 11
234341	6 59
234829	62*37
234966	13 37
234977	91 50
236550	28 06A
236550	20 11
236550	28 06
236550	10 14

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PART NO.	INDEX NO. AND FIG.
236550	14 38
236550	46 46
236550	17 61
236550	33 68
236550	5 87
236849	44 34
236849	14 55
236849	67 57
236849	18 61
236849	28 62
236849	87 61
236849	4 66
236849	33 69
236849	31 70
237032	34 37
237032	103 40
237245	36 10
237245	4 10
237322	15 55
237820	18 58
237820	10 65
238061	41*45
238359	6 36
238360	7 36
238364	8 39
238364	68 57
239236	52 11
239236	83 38
239281	13 47
242618	33 75C
244049	56 01
249348	72*13
249348	52*14
249348	32*15
250714	26 40
250785	46 40
251350	43 24
251820	68 35
251820	51 42
251820	14 47
251970	12 01
251970	2 41
251970	40 47
251970	17 54
251970	50 55
251990	28 17
251990	66 52
252075	12 45
252076	13 45
252531	60 57
252706	14 45
252706	63 45
252756	16 45
252762	17 45
253264	18 66
253264	22 67
253569	6 64
253570	12 42
253675	38 58
253740	23 89
253869	9 87A
25C870	54 59
253870	83 59
255522	69 57
255597	16 08
255597	6 19
255597	51*35
255639	70 57
255879	18 44
255883	18 13

PART NO.	INDEX NO. AND FIG.
255883	23 83
255939	42 21
255967	32 45
255968	33 45
255970	A1 45
255994	24 89
256213	72 57
256220	43*54
256221	14 54
256443	4 35
256463	61 51
257005	56*35
257079	48 58
257080	49 58
257080	24 65
257159	26 89
257186	48 05
257186	48 05A
257186	8 13
257186	8 22
257186	74 22
257186	35 25
257186	84 59
257186	55 59
257186	91 82
257186	57 82
257186	9 83
257186	7 86
257186	39 87
257187	15 05
257187	15 05A
257187	13 01
257187	73 16
257187	32 16A
257187	66 23
257187	3 24
257187	9 32A
257187	107 44
257187	16 55
257187	50 58
257187	86 59
257187	34 65
257187	48 64
257187	34 68
257187	43 82
257187	58 82
257187	50 86
257187	27 86
257187	11 87A
257189	36 05
257189	119 1
257189	36 05A
257189	25 02
257189	21 21
257189	73 57
257189	17 58
257189	87 59
257189	56 59
257189	29 62
257189	13 63
257189	8 64
257189	59 64
257189	66 63
257189	8 65
257189	1 64
257189	36 66
257189	36 67
257189	23 67
257189	19 66
257189	3 68

PART NO.	INDEX NO. AND FIG.
257189	26 80
257189	22 79
257189	31 82
257189	4 88
257189	12 87A
257213	9 21
257213	15 54
257237	21 50
257237	75 53
257240	22 50
257240	76 53
257242	23 50
257242	77 53
257243	3 70
257243	27 89
257244	43 50
257244	37 50
257244	95 53
257244	28 89
257261	73 13
257261	53 14
257261	31 15
257312	71 47
257622	27 44
257634	63 37
257635	64 37
257637	A2A*27
257637	A2A*37
257700	13 05
257700	13 05A
257700	100 25
257701	66 37
257702	18*35
257956	96 11
257956	101 11
257956	15 47
257956	33 51
257956	59 82
257956	72 83
257957	36 25
257958	36 11
257958	41 11
257958	22 19
257958	73 83
257967	8 86
257968	114 06
257968	59 10
257968	26 09
257968	6 09
257968	21 08
257968	19 81
257968	34 81
257969	29 06A
257969	114 06A
257969	41 48
257969	17 52
257970	4 06
257971	36 09
257971	101 06A
257971	104 06A
257971	11 06A
257971	73 81
257971	74 81
257973	31 08
257973	31 06A
257973	37 08
257973	29 06
257973	9 22
257973	18 23
257974	121 06

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PART NO.	INDEX NO. AND FIG.
257974	5 08
257974	11 20
257974	12 48
257974	23 52
257975	121 06A
257975	55 56
257975	33 56
257975	25 56
257976	78 19
257982	48 03
257982	74 16
257982	22 16
257982	33 16A
257982	104 16
257982	118 16A
257982	37 25
257984	50 12
257984	87 13
257984	23 19
257984	8 36
257984	13 42
257984	13 57
257984	30 62
257984	6 80
257984	11 83
257985	61 12
257985	21 11
257985	57 01
257985	56 22
257985	96 23
257985	44 24
257985	51 26
257985	47 36
257985	16 38
257985	9 39
257985	14 42
257985	67 46
257985	42 48
257985	24 52
257985	57 59
257985	88 59
257985	31 62
257985	55 83
257985	41 87
257986	47 03
257986	33 10
257986	23 12
257986	34 16A
257986	76 16
257986	24 19
257986	28 24
257986	19*35
257986	73 37
257986	17 38
257986	83 40
257986	15 42
257986	27 43
257986	75 42
257986	36 53
257986	89 59
257986	19 61
257986	32 62
257986	35 65
257986	49 64
257986	38 86
259823	14 05A
259823	14 05
264054	51 12
264641	77 16
264641	36 16A

PART NO.	INDEX NO. AND FIG.
264641	77 24
264641	21*35
284424	20 59
284424	36 68
284424	4 70
286832	23 16
286832	37 16A
287013	11 22
287013	21 23
289055	18 45
289335	21 61
289504	67 34
300723	37 19
300734	48 66
300734	47 67
300787	75 57
300893	29 16A
301804	49 66
301804	49 67
301818	51 66
301818	51 67
302090	22 11
302090	24 12
302090	27 40
302090	113 45
302090	13 87A
302108	14 87A
302131	25 12
302131	58 04
302131	10 04
302131	23 11
302131	28 40
302131	114 45
304479	34 75C
306063	89 05
306063	91 05A
307653	54 61
309268	38 16A
309747	32 06A
309747	31 06
309749	18 55
310113	62 40
310781	31 42
311161	41*35
312573	6 02
312575	7 02
313289	29 89
313361	31 89
313381	32 06
313381	33 06A
313391	32 89
315956	21 58
31E956	7 65
315956	6 66
315956	11 67
315956	32 70
315957	22 58
315957	33 70
317014	53 19
317025	38 19
317033	41 19
317037	52 66
317037	52 67
317138	101 25
317173	20 55
317310	37 68
317429	42 19
317430	54 19
317517	37 66
317517	37 67

PART NO.	INDEX NO. AND FIG.
317520	38 66
317520	38 67
317529	56 19
317785	24 67
317785	21 66
318324	59 19
318324	43 19
318325	44 19
319526	16 63
319612	22 61
311886	14 37
320167	33 89
321483	11 39
321483	36 75C
322025	16 89
322026	37 75C
322065	25 19
322065	76 57
322065	102 59
322065	105 86
322272	16 65
322272	7 66
322272	12 67
322347	61 19
322550	79 06
322550	51 58
322551	26 12
322551	22 23
322551	28 56
322551	4 85
322551	96 86
322552	21 55
322572	22 55
322766	17 63
322767	22 69
323543	38 75C
323843	69 62
323844	47 69
323932	25 67
323932	22 66
324795	22 59
324999	23 59
325626	77 57
325660	39 75C
326264	77 42
326264	28 43
326265	68 34
327545	81 06
327545	84 06A
327545	54 81
327548	82 06
327551	16 05A
327551	16 05
327552	17 05A
327552	17 05
327557	37 05A
327557	37 05
327562	33 06
327562	34 06A
327563	36 06A
327563	34 06
327564	37 06A
327564	36 06
327568	38 06A
327568	37 06
327569	18 05A
327569	18 05
327575	39 06A
327575	38 06
327576	A1 05A

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PART NO.	INDEX NO. AND FIG.
327576	A1 05
327580	38 05
327580	38 05A
327580	32 82
327581	41 6A
327581	39 06
327582	42 06A
327582	41 06
327583	83 06
327584	43 06A
327584	42 06
327585	84 06
327585	86 06A
327585	56 81
327590	44 06A
327590	43 06
327593	19 5
327594	44 06
327594	46 06A
327595	47 06A
327595	46 06
327596	47 06
327596	48 06A
327598	86 06
327598	87 06A
327599	48 06
327599	49 06A
327600	49 06
327600	51 06A
327605	69 05A
327605	69 05
327605	7 82
327606	52 06A
327606	51 06
327607	A1 06
327607	A1 06A
327612	87 06
327614	6 08
327614	79 19
327619	39 05A
327619	39 05
327619	33 82
327621	88 06
327627	88 06A
327627	89 06
327627	57 81
327631	52 06
327631	53 06A
327635	89 06A
327635	91 06
327635	58 81
327642	53 06
327642	54 06A
327644	92 06
327644	91 06A
327644	59 81
327645	93 06
327645	92 06A
327645	61 81
327647	54 06
327647	56 06A
327648	91 05
327677	94 06
327686	57 06A
327686	56 06
327694	71 05
327694	71 05A
327695	72 5
327697	73 05
327697	72 05A

PART NO.	INDEX NO. AND FIG.
327697	9 82
327715	96 06
327716	97 06
327716	62 81
327862	21 05A
327862	21 05
327863	57 06
327863	58 06A
327868	92 05
327868	92 05A
327869	92 05
327869	93 05A
327869	93 5
327871	74 5
327871	73 05A
327871	11 82
327882	98 06
327883	94 05A
327883	94 05
328815	58 06
328815	99 06
328815	46 34
32H815	63 81
328816	93 06A
328816	101 06
328816	59 06
328816	64 81
328817	102 06
328817	61 06
328833	74 05A
328833	76 05
328833	41 05
328833	41 05A
328833	34 82
328833	12 82
331715	34 70
332747	49 03
332747	78 23
333133	7 64
333182	44 10
333182	74 37
333264	53 66
333264	53 67
333283	50 56
333482	8 02
333960	22 61
334237	8 66
334281	91 59
334663	34 62
334728	23 55
334768	16 89
334910	16 89
334921	16 89
334932	16 89
334959	46 19
335970	34 89
335994	24 55
336131	67 23
336132	68 23
336141	37 10
336141	80 27
336144	7 07
336144	39 25
336145	12 22
336145	23 23
336146	7 09
336146	6 10
336146	12 39
336151	22 05A
336151	22 05

PART NO.	INDEX NO. AND FIG.
336151	40 25
336152	8 09
336152	7 10
336152	13 39
336153	52 09
336153	18 10
336153	14 39
336153	9 81
336165	8 07
336165	41 25
336166	9 07
336166	42 25
336176	13 22
336176	24 23
336176	6 85
336232	23 05A
336232	23 05
336232	43 25
336254	43 08
336254	38 08
336254	14 22
33F254	26 23
336263	39 10
336270	44 09
336270	27 09
336270	18 38
336270	36 81
336270	83 81
336276	49 37
336282	40 10
336284	119 11
336300	24 11
336301	87 11
336305	49 05
336310	22 08
336310	28 09
336310	37 81
336320	53 09
336320	19 10
336320	16 39
336320	11 81
336321	41 10
336323	9 09
336323	8 10
336323	45 25
336323	19 38
336323	17 39
336324	44 08
336324	6 06A
336325	112 12
336345	28 23
336534	79 23
336592	69 23
336593	17 22
336593	29 23
336628	11 04
336628	59 04
336651	59 12
336651	31 23
336651	54 83
33F675	122 25
336696	78 56
33F793	4 46
33F802	87 87
336808	54 22
336808	94 23
336903	51*10
33G627	27 12
33H169	59 06A
338169	25 11

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PART NO.	INDEX NO. AND FIG.
338169	62 06
338169	39 16A
338169	78 16
338169	52 55
33H169	19 84
338169	4 84
338169	17 87
338169	25 88
338238	7 23
338238	21 38
338238	14 43
338238	27 88
340031	102 25
340517	25 55
340517	2 57
340728	61 06A
340728	63 06
342250	9 64
342250	47 65
342250	28 88
342713	36 13
342713	58 14
342714	37 13
342714	59 14
342715	B 13
342715	C 14
342739	26 19
343571	57 47
344015	29 24
344015	39 86
344210	11 36
344592	106 59
344596	107 59
344599	24 59
344599	38 68
344601	8 59
344603	25 59
344872	29 17
344872	5 18
344872	12 20
344872	50 44
344872	64 45
345815	1 03
345815	10 54
347594	62 06A
347594	64 06
347595	63 06A
347595	65 06
350240	105 44
351045	13 67
351045	16 87A
356742	23 69
357419	55 86
357433	4 68
357995	52 58
357995	50 64
359695	36 89
360370	16 89
360433	37 89
360023	25 24
363023	103 86
363157	87 24
364017	24 16
364017	41 16A
364022	37 09
364045	126 12
364052	A1 12
364153	33 23
364154	38 09
364155	32 08

PART NO.	INDEX NO. AND FIG.
364156	99 22
364156	134 23
364157	34 23
364164	33 08
364196	11 09
364196	61 10
364196	21 81
367115	23 61
369087	47 19
369108	103 59
369207	78 57
369207	63 69
369207	54 70
369208	1 75A
369243	9 66
369383	77 05
369383	76 05A
369383	13 82
369384	24 5
369384	24 5A
369384	59 25
369385	26 5A
369385	26 5
369561	62 19
369597	63 19
369847	92 13
370372	24 61
370579	8 74A
37+607	133 78A
37+643	24 61
371656	70 76
372255	24 61
372259	24 61
372455	6 60
378460	7 60
372473	24 61
372688	39 68
372700	41 68
374682	8 60
374683	9 60
374684	10 60
435599	38 89
435700	68 17
435700	29 18
435700	36 20
435700	91 44
435700	28 46
435700	98 45
435701	81 45
435943	85 25
435943	33 39
435943	57 39
436926	80 57
437289	72 47
437384	A1 77A
437500	A1E1 51
437531	13 48
437531	12 52
437543	12 14
437574	A1E2 51
437576	80 49
437576	86 51
437590	7 50
437590	7 53
437601	A2 52
437604	A1 53
437610	24 50
437610	50 53
437611	39 50
437611	57 53

PART NO.	INDEX NO. AND FIG.
437612	41 50
437612	63 53
437613	45 50
437613	78 53
437615	25 50
437615	79 53
437619	26 50
437619	80 53
437622	37 53
437623	27 48
437623	38 52
437624	28 48
437624	39 52
437625	83*50
437625	42*53
437626	84 50
437626	43 53
437627	62 50
437627	19 53
437628	63 50
437628	20 53
437631	64 50
437631	21 53
437632	65 50
437632	22 53
437633	66 50
437633	23 53
437634	67 50
437634	24 53
437636	68 50
437636	25 53
437637	92 50
437637	38 53
437641	108 49
437641	114 51
437667	20 49
437667	34 51
437674	85*50
437674	44 53
437675	86*50
437675	45 53
437678	27 50
437678	81 53
437682	14 48
437682	13 52
437683	41 47
437683	64 52
437684	80 52
43G686	87 51
437690	88 51
437690	107 51
437690	97 51
437692	69 50
437692	26 53
437693	70 50
437693	27 53
437694	114 49
437695	87*50
437695	46*53
437696	A2A 52
437698	81 52
437711	71 50
43G711	28 53
437712	72 50
437712	29 53
437713	34 49
437713	72 51
437716	29 48
437716	41 52
437719	81 49

NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
437719	89 51
437722	73 50
437722	30 53
437723	103*49
437723	97*49
437725	28 50
437725	82 53
437737	71*49
437737	50*49
437737	98*49
437737	104*49
437739	74 50
437739	31 53
437746	38 49
437746	77 51
437747	91 51
437761	75 50
437761	32 53
437763	42 10
437763	76 37
437763	22 38
437763	29 40
437763	3 41
437763	51 44
437763	74 83
437802	66 45
437880	67 45
437896	102*45
437904	51 03
437964	4 48
437964	4 52
438014	23 38
438014	17 42
438104	19 45
438114	92 51
438114	108 51
438114	98 51
438115	99 51
438115	109 51
438145	64 06A
438145	67 06
438145	65 49
438145	44 49
438145	109 49
438145	116 51
438152	62 51
438153	68 45
438443	13 14
438444	14 14
438447	21 49
438447	36 51
438482	22 49
438482	37 51
438488	23 49
438488	38 51
438491	63 51
438547	13 36
438548	42 16A
438548	79 16
438548	18 22
438548	42 68
438548	7 80
438548	92 82
438549	56 04
438549	13 04
438549	66 11
438549	129 38
438551	14 57
438553	24 38
438553	18 39

PART NO.	INDEX NO. AND FIG.
438553	81 57
438553	38 84
438553	31 85
438558	62 12
438558	56 83
438566	16 37
438567	8 80
438573	94 06A
438573	88 24
438573	66 81
438574	44 82
438575	61 82
438576	46 82
438579	28 16
438579	2 59
438589	26 67
438589	23 66
438601	52 03
438601	115 45
438602	47 01
438612	35 70
438613	36 70
438622	41 75C
440265	6 79
441183	92 59
441191	37 74A
441504	A1A 51
441505	A1B 51
441509	24 49
441509	39 51
441510	25 49
441510	40 51
441515	A1A 53
441566	26 49
441566	42 51
441567	27 49
441567	43 51
441569	112 86
441592	51*49
441593	70*49
441661	29 50
441661	84 53
441662	6 70
441662	39 70
441662	41 70
441683	28 49
441683	44 51
441687	66*49
441687	45*49
441709	67*49
441710	46*49
441712	A1C1 49
441712	49 51
441713	A1D1 49
441713	64 51
441739	76 50
441739	33 53
441743	88*50
441743	47*53
441745	82 52
441751	30 50
441751	51 53
441767	31 50
441767	85 53
441768	32 50
441768	86 53
441804	117 51
442124	33 50
442124	87 53
442542	A 74A

PART NO.	INDEX NO. AND FIG.
442822	44 21
442823	67 39
442823	27 56
442823	51 56
442823	72 87
44D164	61 04
444164	14 04
444806	14 01
444806	27 02
444806	9 02
444806	47 24
444806	65 25
450842	39 89
450843	41 89
46G071	28 12
470102	12 36
470241	25 52
470374	53 02
471640	82 57
471715	26 59
471715	17 87A
473380	A 77A
473385	A2 77A
473430	A 74A
473434	A1 74A
473435	A2 74A
473490	A 76A
473494	A1 76A
473495	A2 76A
473526	42 75C
473545	32 69
473545	43 75C
473614	15 04
473615	16 04
474644	43 68
477037	51 13
477037	31 14
477037	11 15
477220	A 78A
477224	A1 78A
477225	A2 78A
477280	A 72
477284	A1 72
477285	A2 72
479309	17 04
479309	62 04
479312	63 04
479895	37 62
479895	42 89
479897	38 62
479897	43 89
479899	39 62
479899	44 89
479901	40 62
479901	46 89
479997	18 04
480004	31 61
480007	32 61
480441	32 63
480443	A2 63
480444	18 63
480445	19 63
480445	9 71
480594	18 87A
480682	33 61
480749	44 75C
480750	46 75C
480751	47 75C
480752	48 75C
480753	49 75C

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PART NO.	INDEX NO. AND FIG.
480754	51 75C
480756	52 75C
480757	53 75C
480758	54 75C
480759	56 75C
480760	57 75C
480761	58 75C
480763	59 75C
480765	A 75C
491228	48 74A
491349	47 46
491349	47 89
491796	44 56
504698	61 75C
504879	16 89
507144	62 75C
507446	9 80
507575	55 55
509772	6 57
509798	63 75C
510379	29 16
510809	71 35
510809	52 42
511096	64 75C
511099	66 75C
511216	6 88
511522	19 87A
512508	34 08
517913	48 89
518163	21 87A
521695	67 75C
523176	49 89
523250	42 62
524515	84 57
524669	27 59
526378	40 69
526378	68 75C
526898	59 59
528002	85 57
528251	116 45
529084	71 62
538674	19 04
538677	20 04
539054	7 79
550990	23 58
555054	64 04
563887	24 69
587436	34 61
596255	51 89
596458	10 64
596458	14 67
597215	10 70
597216	29 55
597218	79 56
597344	88 61
597347	89 61
597987	43 62
598041	48 46
598041	52 89
598226	44 62
598246	45 62
598534	52 41
599917	21 63
600576	26 52
600844	53 89
600914	43 48
600963	42 47
600963	68 52
601093	22 04
601093	65 04

PART NO.	INDEX NO. AND FIG.
601093	11 64
601093	40 65
601093	60 64
601185	54 02
601185	28 02
601236	111 51
601237	101 51
601238	82 49
601367	A1E3 51
601368	A1A 49
601368	A1C 51
601393	102 51
601394	112 51
601395	A1D2 49
601395	66 51
601396	A1C2 49
601396	51 51
601401	34 50
601401	89 53
601419	46 51
601925	81 56
601930	80 56
601931	73 47
601932	17 47
601933	18 47
601934	19 47
601935	20 47
601936	66 47
601937	58 47
601938	59 47
601939	60 47
601940	21 47
601942	43 47
601945	69 47
601946	23 47
601947	61 47
601949	24 47
601951	51 47
601952	48 47
601953	25 47
601954	A1A 47
601956	67 47
601957	68 47
601958	49 47
601959	34 47
601960	A1B1 47
601961	A1B1A 47
601965	A1B 47
601966	A1C 47
601967	33 47
601968	74 47
601969	35 47
601970	62 47
601971	26 47
601972	63 47
601974	52 47
601977	53 47
601978	27 47
601979	28 47
601981	A1 47
601986	A1D 47
601987	A1E 47
601988	54 47
601989	55 47
602012	31 16
602012	43 16A
602017	44 16A
602023	107 16
602023	121 16A
602024	108 16

PART NO.	INDEX NO. AND FIG.
602029	109 16
602029	122 16A
602030	111 16
602030	123 16A
602033	113 16
602033	124 16A
602034	32 16
602034	46 16A
602034	114 16
602034	125 16A
602035	116 16
602037	49 16
602037	98 16A
602039	51 16
602039	99 16A
602043	36 16
602043	47 16A
602045	37 16
602045	48 16A
602046	38 16
602046	49 16A
602046	46 16A
602047	39 16
602047	51 16A
602050	40 16
602050	52 16A
602053	81 16
602060	82 16
602062	83 16
602062	53 16A
602063	84 16
602063	54 16A
602065	86 16
602065	56 16A
602066	87 16
602066	57 16A
602067	88 16
602067	58 16A
602068	89 16
602068	59 16A
602069	90 16
602073	92 16
602074	93 16
602074	61 16A
602075	94 16
602075	62 16A
602083	A1 18
602083	B1 17
602083	B1 20
602083	C1 44
602083	A1 46
602084	31 18
602084	69 17
602084	37 20
602084	92 44
602084	29 46
602085	71 17
602085	32 18
602085	38 20
602085	93 44
602085	30 46
602086	72 17
602086	33 18
602086	39 20
602086	94 44
602086	31 46
602087	34 18
602087	73 17
602087	41 20
602087	95 44

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PART NO.	INDEX NO. AND FIG.
602087	32 46
602088	30 17
602089	31 17
602089	52 44
602090	32 17
602090	53 44
602091	33 17
602091	54 44
602092	34 17
602092	55 44
602093	36 17
602093	56 44
602094	37 17
602094	57 44
602095	38 17
602096	39 17
602096	58 44
602103	6 18
602103	13 20
602104	41 17
602104	59 44
602107	42 17
602107	60 44
602135	A1 11
602136	A2 11
602137	11 07
602139	A2 05
602139	A2 05A
602140	B 18
602140	A 20
602148	43 17
602148	61 44
602149	A 24
602153	4 24
602155	24 08
602162	A2 12
602164	27 67
602164	24 66
602167	54 66
602167	57 67
602168	39 66
602168	39 67
602173	88*11
602174	71 52
602180	97 11
602180	46 25
602181	37 11
602182	53 11
602184	26 11
602185	38 11
602185	42 11
602185	76 83
602186	43 10
602187	27 11
608192	51 05A
602192	51 05
602194	28 05
602194	28 05A
602195	83 13
602196	43 11
602199	29 12
608202	28 11
608203	78 05
602209	54 09
602209	26 10
608210	113 12
602210	89 11
602210	29 43
602210	78 42
602215	21 10

PART NO.	INDEX NO. AND FIG.
602216	23 08
602217	7 08
608222	30 12
608227	A4 11
602227	A7 38
602228	29 11
602229	63 12
602229	107 12
602229	48 36
602229	57 83
602229	42 83
602230	46 08
602230	39 08
602230	19 22
608231	A5 11
602233	9 13
602233	76 22
602233	12 83
602235	11 13
602235	77 22
602235	13 83
602238	102 11
602238	48 25
602240	12 07
602247	64 12
608249	53*10
602249	87*37
602250	17*08
602254	A1A 08
602255	A3A 10
602255	A3A 27
602261	46 09
602264	91 11
602268	61 09
608271	30 11
602278	12 09
602280	13 09
602290	101*12
602291	102*12
602296	29 56
602298	79*12
602299	81*12
602300	82*12
602302	A3 12
602303	83 12
602304	82 56
602307	10 56
602310	36 23
602311	37 23
602314	14 09
602324	51 8
602325	136 23
602329	107 23
602338	8 24
602340	116 23
602340	123 23
602340	27*84
602340	22 85
608346	83 56
602347	48 24
602352	7 18
602352	14 20
602353	48 18
602353	52 20
602354	38 18
602354	1 20
602355	49 24
602362	A3 05A
602362	A3 05
602363	11 21

PART NO.	INDEX NO. AND FIG.
602364	51 24
602366	65 12
602367	58 24
602371	69 24
602372	21 24
602373	31 24
602374	21 22
602375	22 22
602381	69 11
602381	131 38
602382	38 23
602384	117 23
602384	124 23
602386	6*17
602388	58 05A
602388	58 05
602390	108 23
602393	109 23
602393	28 84
602393	23 85
602395	111 23
602396	126 23
602398	46 21
602400	47 21
602401	112 23
602401	29 84
602401	24 85
602408	39 23
602409	41 23
602411	23 22
602413	52 24
602415	113 23
602415	31 84
602415	26 85
602416	109 06A
602416	109*06
602419	84 56
602420	111 06
602420	111*06A
608422	A 21
608423	68 16A
602426	A4 05
608426	A4 05A
602427	A2 06
602429	115 06
602429	115 06A
602432	122 06
602432	122 06A
602433	103 06
608433	96 06A
602433	67 81
602434	A3 06A
608434	A3 06
602435	112 06A
602435	112 06
602436	28 13
602436	33 83
602437	29 5
608439	7 06A
602439	6 06
602440	5 6
602440	10 06A
602442	7 06
602442	8 6A
602443	131 06A
602443	131 06
602446	31 05
602446	31 05A
602447	6 24
602447	28 86

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PART NO.	INDEX NO. AND FIG.
602450	24 22
602452	16 09
602454	57 16
602454	106 16A
602456	26 22
602457	117 16
602457	126 16A
602458	A1 22
602458	A1 23
602459	71 23
602460	72 23
602462	38 22
602464	39 22
602465	73 23
602468	43 23
602469	66 12
602469	57 22
602469	44 23
602469	97 23
602469	49 36
602469	58 83
602470	16 24
602472	A1B 56
602473	38*56
602474	8 08
602483	17 09
602484	37 18
602484	2 20
602486	27 22
602488	7 24
602488	29 86
602488	52 86
602489	8 24
602489	53 86
602489	31 86
602490	67 12
602490	58 22
602490	46 23
602490	98 23
602490	51 36
602490	59 83
602493	68 12
602493	47 23
602493	61 83
602495	69 12
602495	48 23
602495	62 83
602496	29 08
602496	69 19
602497	18 09
602536	7 57
602557	81 23
602558	41 16
602558	63 16A
602567	42 16
602583	67 01
602593	9 24
602593	32 86
602594	11 24
602596	6 03
602606	19 13
602606	24 83
602627	31 55
602628	32 55
602629	78 24
602639	59 05
602639	59 05A
602642	22 24
602642	97 86
602643	89 56

PART NO.	INDEX NO. AND FIG.
602644	31 56
602646	92 11
602647	9 08
602647	82 19
602648	13 08
602648	3 19
602650	A 17
602654	33 55
602660	31 12
602668	A1 13
602668	A1 83
602670	19 09
602706	A1A 66
602706	A1A 67
602707	A1B 67
602707	A1B 66
602710	8 18
602710	44 17
602710	16 20
602710	20 45
602710	62 44
602765	75 83
602780	7*17
602782	59 22
602782	49 23
602782	99 23
602782	67 83
602783	61 22
602783	51 23
602783	101 23
602783	68 83
60B786	53 03
602802	68 01
602803	45 17
602803	63 44
602804	86 17
602807	8*17
602808	92 24
602809	93 24
602821	84 13
602824	8 06
602877	8 05
602880	A1 08
602882	A3 09
602883	A1 10
602884	A2 10
602884	A4 09
602885	A2 08
602886	A3 10
602889	96 05
602889	96 05A
602912	97 05
602923	34 55
602935	84*12
602945	52*16
602945	101*16A
602946	62*16
602946	109*16A
602947	A1 16
602947	A1 16A
602953	46 17
602953	65 44
602955	123 59
602955	44 68
602967	86 56
602971	13 07
602978	59 24
602978	12 24
602978	30 86
602980	31 11

PART NO.	INDEX NO. AND FIG.
602985	56 02
602999	54 03
603004	47 17
603004	66 44
603014	28 22
603014	66 22
603015	105 23
603020	97 06A
603020	70 81
603068	53 24
603069	54 24
603070	56 24
603074	G 24
603078	63 02
603078	83 57
603087	24 08
603116	20 09
603116	26 38
603200	42 05
603200	42 05A
603200	36 82
603207	98 05
603208	99 05
603286	93 82
603292	A 82
603293	A4 81
603297	17 82
603298	37 82
603299	94 82
603302	77 83
603303	69*83
60C304	78 83
603305	96 82
603308	12 81
603323	56 86
603329	47 82
603329	62 82
603359	57 86
603370	58 86
603370	9 86
603374	10 86
603378	79 83
603383	59 86
603387	68 81
603391	63 83
603406	69 81
603412	11 86
603425	71 82
603429	A1 86
603430	B 82
603433	99 86
603434	72 82
603435	73 82
603442	74 82
603445	22 82
603446	23 82
603447	24 82
603453	98 82
603466	A1 81
603470	101 86
603478	F 82
603480	63 82
603486	48 82
603486	64 82
603487	66 82
603494	C 82
603497	49 82
603498	67 82
603511	61 86
603512	12 86

NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
603513	18 82
603515	14 83
603522	81 86
603525	A2A 56
603525	A1A 56
603526	82 86
603527	73 86
603528	74 86
603531	83 86
603532	93 86
603535	86 86
603536	87 86
603537	63 86
603538	88 86
603539	2 86
603540	89 86
603543	64 86
603544	65 86
603546	32 56
603546	56 56
603546	34 56
603547	A2 08
603548	94 86
603554	9 06
603554	9 06A
603673	26 16
603673	64 16A
603681	G 86
603703	45 10
603703	77 37
603704	49 81
603719	13 86
603732	94 24
603733	95 24
603733	113 86
603750	118 16
603750	127 16A
603751	41 86
603753	102 86
603767	27 05
603767	27 05A
603770	A2 06A
603771	99 05A
603772	18*08
603772	7*19
603778	38 10
603778	78 37
603780	101 05A
603781	B 05A
603782	52 23
603783	53 23
603784	54 23
603787	122 11
603788	123 11
603795	26 24
603795	104 86
603796	C 24
603797	A2 16
603797	A2 16A
603798	96 24
603799	C1 24
603799	G1 86
603817	98 06A
603821	102 05A
603823	32 5A
603825	33 5A
603835	A6 11
603836	79 11
603837	81 11
603844	22 09

PART NO.	INDEX NO. AND FIG.
603846	52*10
603846	88 37
603850	35 10
603850	79 27
603850	79 37
603857	A3A 10
603857	A3A 27
603857	A3A 37
603862	70 12
603862	62 22
603862	102 23
603862	52 36
603862	60 83
603863	71 12
603863	63 22
603863	103 23
603863	53 36
603863	65 83
603864	72 12
603864	64 22
603864	104 23
603864	49 26
603864	54 36
603864	66 83
603865	A2 22
603866	A3 22
603867	A3 23
603868	A4 23
603879	42 23
603882	71 81
603890	77 05A
603890	14 82
603914	73 12
603914	65 26
603914	56 36
603914	50 83
603916	47 22
603916	87 23
603919	21 16A
603919	117 16A
603947	79 82
603950	97 05A
603951	98 05A
603956	30 05
603956	29 05A
603961	F1A 86
607005	A3A 50
607005	A4A 53
607005	A5A 53
607006	A1A 50
607006	A2A 53
607006	A3A 53
607016	A1 66
607017	28 67
607021	A1B 34
607023	69 34
607042	A1 52
607042	A1 51
607045	15 52
607048	A2A 26
607048	B1 87
607049	42 87
607050	A 35
607051	6*35
607051	69 45
607052	7*35
607053	A1 35
607054	22*35
607055	23*35
607056	24*35

PART NO.	INDEX NO. AND FIG.
607057	A3A*35
607059	A3A1*35
607060	57*35
607061	58*35
607062	52*35
607063	72 35
607066	8*35
607067	42*35
607068	A2*35
607069	32*35
607070	33*35
607071	34*35
607075	26*35
607077	A1 25
607078	49 25
607078	41 70
607079	50 25
607080	51 25
607081	52 25
607082	53 25
607083	27 38
607091	95 25
607092	55 25
607096	94 25
607096	56 25
607098	96 25
607099	57 25
607105	A1 54
607106	A1 28
607106	A1 38
607107	A1A*28
607107	A1A*38
607108	54 38
607109	67*38
607109	56*38
607110	47*38
607115	48*38
607115	113*38
607115	62*38
607121	19 39
607121	43*39
607137	A3 33
607139	A2 28
607140	51*39
607141	52 39
607148	A1 29
607148	A1 39
607150	34 39
607151	44 48
607151	16 52
607157	A1B 49
607157	A1A 48
607157	A1D 51
607157	A1A 52
607158	31 48
607158	42 52
607159	16 48
607159	18 52
607165	68*38
607168	A5A 29
607170	68*39
607170	73*87
607171	69*39
607171	74*87
607172	70 39
607172	75 87
607174	27 35
607188	28 38
607188	21 39
607189	29 38

NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
607196	A38 31
607200	58 25
607206	60 25
607209	62 25
607209	31 38
607210	A1A 25
607211	86*25
607212	87*25
607212	36 39
607213	88 25
607214	63 25
607215	64 25
607216	A1B 25
607223	111 40
607224	112*40
607225	113 40
607226	114*40
607242	A1 32A
607248	93*38
607252	A1A*32A
607258	A 15
607259	A1 15
607259	B1 14
607261	12 15
607262	34 14
607262	53 13
607262	13 15
607263	14 15
607264	16 15
607265	17 15
607268	73 35
607268	54 55
607272	58 13
607272	38 14
607272	21 15
607286	102*38
607310	103*38
607316	32 38
607352	17 37
607353	81 37
607355	A6A 29
607355	A5B 29
607355	A6A 39
607355	E1 87
607356	76*39
607357	A4 29
607357	A2 39
607358	22 39
607358	39 39
607360	A4 12
607360	A1 33
607360	A8 38
607361	93 12
607361	137 38
607364	19 41
607370	33 38
607371	A1A 32
607374	36 37
607375	37 37
607376	38 37
607382	A1 30
607390	8 32A
607392	21 41
607397	53 42
607398	89 87
607399	86 57
607405	A1A1*32
607406	114*38
607408	A1A 30
607408	A7A 40

PART NO.	INDEX NO. AND FIG.
607416	116*40
607418	68 14
607423	33 36
607426	38 36
607428	39 36
607430	14 36
607443	31 43
607443	79 42
607444	32 43
607446	81 42
607446	33 43
607448	34 43
607448	82 42
607451	68 44
607462	103 25
607464	123 25
607464	54 42
607465	104 25
607466	66 25
607469	16 36
607474	17 48
607474	19 52
607475	23 39
607478	A2 30
607478	A1 40
607479	47*40
607485	D 87
607486	61*87
607490	62*87
607496	57*40
607505	51*37
607508	A1 27
607508	A1 37
607511	52*37
607514	A3A 31
607515	53 37
607519	54 37
607520	25 33
607520	34 38
607522	26 32
607522	36 38
607528	18 37
607529	19 37
607532	56 37
607536	82*11
607537	83*11
607548	19 54
607551	17 36
607556	68 25
607557	109 44
607560	33 41
607568	84 38
607569	110 44
607571	82 45
607572	103*45
607573	105 45
607574	83 45
607578	46 48
607578	85 52
607579	72 45
607581	16 43
607582	56 42
607590	71 34
607610	16 01
607612	54 11
607622	37 38
607628	39 37
607633	38 38
607634	A1 31
607642	A3 30

PART NO.	INDEX NO. AND FIG.
607644	93*40
607645	A4 30
607645	A2 40
607646	58*40
607651	A 14
607652	16 14
607653	17 14
607654	18 14
607656	74 35
607656	31 40
607672	126 40
607677	A2 27
607677	A2 37
607685	22 41
607686	44*39
607687	58*39
607689	A2 29
607690	46*39
607691	A3 29
607691	A3 39
607694	18 36
607695	19 36
607770	47 48
607770	21 52
607779	47 34
607809	53*35
607846	21 37
607867	17 43
607867	57 42
607870	22 37
607878	39 38
607881	26 66
607881	29 67
607901	9 35
607904	39 49
607904	78 51
607953	21 36
607953	58 42
607965	16 13
607965	21 83
607971	112 44
608022	42 15
608029	18 48
608029	22 52
608064	70 25
608065	71 25
608067	A1C 25
608074	59 42
608104	54 89
608125	105 25
608172	23 37
608174	24 37
608175	26 37
608181	43 41
608182	44 41
608183	B 33
608185	73 25
608201	32 87
608203	76 35
608203	61 42
608211	61 13
608211	40 14
608211	23 15
608214	27 37
608215	62 13
608215	41 14
608215	24 15
608234	42 14
608234	63 13
608234	26 15

NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
608235	43 14
608235	64 13
608235	27 15
608243	A5 26
608243	A4 36
608249	102 26
608249	62 36
608279	35 55
608279	3 57
608284	18 42
608289	12 64
608297	66 13
608297	44 14
608297	29 15
608448	67 13
608448	45 14
608453	68 13
608453	46 14
608492	59*40
608492	94*40
609001	A 16
609001	A 16A
609002	A3 16
609002	A3 16A
609003	63*16
609003	111*16A
609004	A4 16
609005	96 16
609006	A 45
609007	B 17
609008	C 44
609009	B 45
609010	88 57
609011	21 45
609014	22 45
609016	A2 45
609017	23 45
609024	103*12
609025	A5 12
609026	70 44
609027	42*45
609027	44*54
609030	A 56
609031	89 57
609032	87 56
609033	12 56
609035	13 56
609036	A 22
609036	A 23
609037	114 23
609037	32 84
609038	B 23
609039	C 23
609040	D 23
609041	E 23
609042	A 54
609044	20 54
609045	21 54
609046	22 54
609047	A2 54
609048	45*54
609050	23 54
609052	22 21
609053	A*25
609053	A*26
609053	A*27
609053	A*28
609053	A*29
609053	A*30
609053	A*31

PART NO.	INDEX NO. AND FIG.
609053	A*32
609053	A*32A
609053	A*33
609053	A*34
609057	57 36
609058	58 54
609059	A2 31
609059	A1 42
609060	32 42
609061	33*42
609063	34 42
609064	36*42
609065	A1 26
609067	35 50
609067	91 53
609068	A1 50
609068	A2 53
609069	A2 50
609069	A3 53
609070	A3 50
609070	A4 53
609071	A4 50
609071	A5 53
609072	A 52
609072	A 51
609072	A 53
609074	A7*28
609076	A6*28
609078	48 34
609079	A1 34
609080	67 56
609080	24 58
609081	22 63
609083	32 40
609084	73*40
609085	63*40
609086	63*38
609087	A4 28
609087	A2 38
609088	A4A*28
609088	A2A 38
609089	A5 30
609089	A3 40
609090	64*40
609091	33 40
609094	34 40
609096	74*40
609097	A6 30
609097	A4 40
609099	40 30
609099	36 40
609100	117 45
609103	84 40
609104	19 42
609105	86 40
609106	A7 30
609106	A5 40
609107	B1 22
609108	B 22
609109	78 22
609110	A*11
609110	A*10
609110	A*06A
609110	A*08
609110	A*09
609110	A*06
609110	A*12
609110	A* 5
609110	A*05A
609112	9 10

PART NO.	INDEX NO. AND FIG.
609112	23 09
609113	40 08
609114	62*10
609114	22*81
609116	63*10
609117	A4 10
609120	64*10
609120	23 81
609121	66*10
609121	24 81
609122	49 08
609123	114 12
609124	124 16
609124	139 16A
609125	108 12
609126	109 12
609127	A 13
609128	A6 12
609129	12 13
609130	A7 11
609131	A7 12
609132	116*12
609133	93*11
609136	97 16
609136	66 16A
609137	98 16
609137	67 16A
609138	88 56
609140	37 55
609141	127 12
609142	84 11
609144	37 40
609146	14 56
609147	121 51
609153	59 63
609153	41 64
609154	A3 63
609154	A1 64
609156	31 22
609157	15 57
609158	C 57
609159	32 24
609159	42 86
609160	D 24
609162	127 40
609164	24 45
609167	14 65
609167	14 64
609167	42 70
609169	43 16
609169	68 16A
609170	131 06A
609170	131 06
609175	48 62
609176	10 25
609177	11 25
609178	61 59
609179	62 59
609181	92 57
609182	49 62
609184	A 66
609185	24 04
609185	66 04
609185	142 57
609187	143 57
609188	90 57
609189	25 04
609190	26 04
609191	27 04
609194	91 57

NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
609196	48 01
609199	144 57
609201	28 04
609204	56 03
609214	29 02
609220	57 03
609268	121 01
609273	93 57
609274	94 57
609277	24 57
609281	58 03
609282	19 57
609283	20 57
609283	97 57
609283	50 62
609284	25 57
609284	98 57
609284	51 62
609285	29 04
609291	99 57
609297	107 01
609297	96 01
609303	100 57
609305	101 57
609306	102 57
609313	103 57
609314	104 57
609318	105 57
609319	106 57
609320	31 02
609322	32 02
609325	8 57
609327	29 59
609328	63 59
609330	A1 59
609332	25 58
609334	A 58
609336	23 63
609339	53 58
609339	24 63
609340	A 59
609341	A 63
609343	38 55
609345	A 55
609371	108 57
609372	109 57
609373	110 57
609374	43 70
609377	4 57
609378	53 12
609379	A 57
609380	30 59
609381	124 59
609382	111 57
609384	11 66
609385	112 57
609386	52 62
609387	8 79
609390	31 59
609394	12 66
609395	32 59
609397	49 34
609397	26 63
609397	15 64
609399	27 63
609401	91
609402	91
609403	91
609404	91
609405	91

PART NO.	INDEX NO. AND FIG.
609406	91
609407	91
609410	91
609414	32 11
609414	33 12
609414	38 40
609417	22 87A
609425	A1 32
609426	77 35
609427	78 35
609428	86 13
609430	46 56
609432	39 40
609434	A1 56
609437	107 25
609444	8 57
609450	114 57
609451	115 57
609452	116 57
609456	59 03
609457	30 04
609458	31 04
609459	121 11
609460	24 09
609460	11 10
609461	97 01
609462	98 01
609475	33 59
609480	128 40
609482	91
609483	101 22
609484	62 66
609486	A1 12
609487	29 09
609488	A1 9
609489	53 62
609490	34 12
609491	39 55
609492	17 01
609494	18 01
609498	A7 08
609507	B 02
609508	A 03
609513	A 04
609520	26 03
609522	64 59
609543	56 89
609545	68 04
609545	32 04
609546	33 04
609547	69 04
609547	34 04
609548	70 04
609548	35 04
609549	60 3
609549	7 03
609551	61 03
609553	36 04
609554	48 21
609558	15 56
609559	16 56
609561	A1C 56
609562	17 56
609563	F 24
609564	71 04
609564	37 04
609565	59 54
609566	38 04
609567	A2 56
609568	13 66

PART NO.	INDEX NO. AND FIG.
609569	18 56
609571	44 70
609578	119 57
609579	A 18
609579	B 20
609581	A3 08
609581	C 19
609582	A4 08
609583	A2 09
609584	A5 08
609585	A6 08
609586	A8 11
609587	A9 11
609588	A4 06
609588	A4 06A
609589	A5 06
609589	A5 06A
609591	A10 11
609592	A8 12
609596	120 57
609599	9 57
609602	62 03
609603	33 02
609605	34 02
609606	36 02
609607	37 02
609608	118 45
609609	8 03
609611	91
609612	91
609613	91
609614	91
609615	91
609620	38 02
609621	126 57
609622	57 24
609623	14 66
609625	14 03
609626	16 03
609627	99 01
609628	108 01
609629	17 03
609630	39 02
609631	B 03
609632	19 01
609633	51 01
609634	58 01
609635	69 01
609636	76 01
609637	83 01
609638	11 02
609639	A 01
609641	B 01
609642	C 01
609643	D 01
609644	E 01
609645	F 01
609646	A 02
609647	21 01
609648	22 01
609649	23 01
609650	9 03
609651	52 01
609654	84 01
609655	77 01
609656	78 01
609657	86 01
609658	87 01
609659	88 01
609661	24 01

NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
609662	79 01
609663	26 01
609664	27 01
609665	121 57
609666	G 01
609667	H 01
609668	28 01
609669	41 02
609669	29 01
609670	63 03
609671	122 01
609672	122 57
609673	123 57
609674	124 57
609675	123 01
609676	124 01
609677	71 01
609678	39 04
609678	72 04
609680	66 03
609681	F 57
609683	42 02
609684	43 02
609685	31 01
609686	57 89
609687	102 61
609687	91 61
609687	58 89
609688	81 21
609688	A3 54
609689	28 21
609689	52 54
609690	67 03
609691	59 89
609695	42 04
609695	74 04
609704	34 59
609704	65 59
609704	93 59
609708	29 04
609709	A 04
609711	46 70
609713	82 23
609715	91
609716	47 70
609718	A2 23
609720	106 05
609720	106 5A
609722	A 70
609723	7 70
609725	48 70
609728	3 01
609729	106 61
609731	59 01
609732	91
609733	91
609734	49 70
609736	119 45
609744	A5 16
609745	24 79
609748	120 45
609749	54 62
609756	69 03
609757	B 17
609760	69 46
609762	A 59
609763	91
609764	98*16A
609765	A1 16A
609766	A 16A

PART NO.	INDEX NO. AND FIG.
609767	A6 29
609770	91 87
609774	91
609776	61 57
609778	A7 08
609780	52 05A
609780	44 25
609782	18 02
609783	A2 13
609783	A2 83
609784	A 79
609785	H 24
609786	B 21
609787	J 24
609791	D 57
609792	E 57
609843	A 81
609845	A 84
609847	B 86
609852	D 83
609856	18 86
609857	19 86
609859	A 83
609860	A2 81
609861	26*81
609862	A3 81
609863	38 81
609864	B 83
609865	33 86
609866	C 86
609868	119 86
609871	64 83
609874	D 82
609875	16 83
609876	44 83
609877	E 82
609887	D 86
609892	C 83
609902	100 82
609926	21 84
609931	121 86
609932	29 22
609932	8 84
609932	7 85
609933	95 86
609934	F1 86
609936	122 86
609937	81 83
609940	39 84
609940	32 85
609941	99 82
609942	40 84
609942	33 85
609944	46 83
609948	91
609951	9 84
609952	11 84
609953	12 84
609955	13 84
609958	33 84
609959	C1 84
609959	B1 84
609960	B 84
609961	C 84
609962	22 84
609963	36 84
609964	14 86
609964	90 86
609966	97 82
609974	66 86

PART NO.	INDEX NO. AND FIG.
609975	123 86
609976	124 86
609977	8 85
609978	9 85
609979	86
609979	E 86
609980	67 86
609981	40 85
609982	41 85
609983	27 85
609984	11 85
609986	68 86
609987	132 12
609990	106 86
609991	8 85
609993	12 85
609994	H 86
609996	28 85
609997	A 85
610008	A1E 51
610010	A5A 50
610010	A1B 53
610016	83 42
610023	51 34
610028	36*35
610033	48 40
610034	71 38
610042	52 34
610052	17 59
610058	67 51
610060	54 58
610062	9 50
610066	43*35
610070	B1 17
610070	B2 20
610070	C1 44
610073	B1 45
610074	50 23
610075	44*35
610076	46*35
610077	48 48
610078	54 25
610090	128 16A
610091	A4 16A
610092	129 16A
610093	6 48
610094	49 48
610095	A2A 32
610096	A2 32
610108	66 57
610110	19 48
610111	105*49
610112	99*49
610113	115 49
610114	A1E1A 49
610115	A1E2A 49
610116	92 49
610117	93 49
610117	84 49
610118	85 49
610118	94 49
610120	95 49
610121	86 49
610122	A1E1 49
610123	A1E2 49
610124	87 49
610125	110*49
610126	A1E3 49
610127	61 49
610128	62 49

NUMERICAL PARTS LISTING

PART NO.	INDEX NO. AND FIG.
610130	63 49
610131	64 49
610133	A3 31
610133	A2 33
610134	A3 32
610137	A4 32
610138	B 87
610140	A5 29
610142	A3 26
610142	A1 36
610143	A3 27
610143	A3 37
610145	A2 25
610147	140 16A
610148	33 11
610148	18 43
610150	52 13
610150	33 14
610151	54 13
610151	35 14
610156	A1C 49
610157	A1D 49
610158	93 50
610160	A1 48
610160	A1 49
610161	94 50
610162	A5B 50
610163	A5 50
610164	51 48
610164	28 52
610165	70 46
610165	52 48
610165	27 52
610166	53 48
610166	14 52
610167	A1E 49
610168	73 52
610171	74 52
610172	11*35
610173	A4 26
610173	A2 36
610180	A 47
610180	A 48
610180	A 49
610180	A 50
610181	B 14
610183	49*40
610184	50*40
610187	99*16A
610188	12 21
610188	34 54
610191	A2 26
610192	A 87
610193	A1 87
610194	18 87
610195	19 87
610196	20 87
610197	22 87
610198	23 87
610200	24 87
610201	26 87
610202	28 87
610211	C1 13
610212	A1E4 49
610213	92 87
610221	C 87
610222	51 87
610223	52 87
610224	23 09
610224	9 10

PART NO.	INDEX NO. AND FIG.
610231	91
610248	103 26
610248	63 36
610260	11 70
610262	12 70
610265	B 70
610272	B1 14
610272	A1 15
610275	C1 13
610277	41 40
610278	28 63
610280	115 44
610281	116 44
610282	23 36
610287	81 16A
610290	71 11
610290	132 38
610291	74 11
610295	87 17
610297	64 47
610310	A5 28
610310	A3 38
610311	A3 28
610311	A4 38
610312	91 56
610314	A3 11
610315	56 11
610315	24 13
610315	91 22
610315	86 38
610315	29 83
610316	57 11
610316	92 22
610316	87 38
610317	82 16A
610318	26 58
610320	27 58
610322	A3*35
610323	92 56
610324	90 56
610325	C 56
610326	93 56
610327	94 56
610328	96 56
610329	29 09
610330	63*10
610331	A1 9
610332	A4 10
610333	46 09
610334	A3 09
610337	83 16A
610338	84 16A
610339	131 16A
610340	86 16A
610343	28 58
610344	63 66
610346	47 70
610347	87 16A
610350	B 19
610351	27 19
610353	28 19
610354	29 19
610356	31 19
610357	32 19
610358	33 19
610360	B1 19
610361	48 19
610361	64 19
610363	91
610364	94 59

PART NO.	INDEX NO. AND FIG.
610365	96 59
610366	97 59
610370	A2 59
610371	98 59
610373	99 59
610374	83 19
610375	84 19
610376	80 19
610378	81 19
610380	A 19
610381	A1 19
610382	8*19
610383	34 19
610388	A1 88
610396	61 89
610400	A1 68
610401	A1 68
610402	A1 68
610403	46 68
610404	47 68
610405	48 68
610406	49 68
610407	51 68
610411	27 55
610412	52 68
610413	52 68
610414	52 68
610415	53 68
610416	53 68
610417	53 68
610440	97 24
610447	12 35
610448	13 35
610455	29 88
610457	31 88
610458	32 88
610459	7 88
610462	33 88
610463	8 88
610464	46 88
610465	47 88
610467	A 88
610470	9 88
610472	A1A 88
610495	36 61
610496	16 64
610499	37 61
610502	A1B 61
610503	A1C 61
610504	A1 61
610505	17 65
610505	17 64
610506	56 61
610507	38 61
610508	39 61
610509	41 61
610510	42 61
610511	93 61
610512	B 61
610513	43 61
610514	44 61
610515	57 61
610516	64 61
610517	A1A 61
610520	A 59
610521	C 44
610522	B 45
610523	B 20
610524	A 61
610525	A 45

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PART NO.	INDEX NO. AND FIG.
610528	15 67
610529	18 64
610530	41 65
610530	61 64
610531	51 64
610532	A 64
610533	A 67
610536	91
610537	91
610538	91
610539	91
610540	91
610541	35 59
610542	91
610543	A2 59
610544	33 59
610546	B 64
610547	83 56
610548	80 56
610549	48 62
610551	71 57
610553	38 55
610555	A 55
610556	27 55
610557	91
610558	91
610559	91
610560	16 67
610561	19 65
610561	19 64
610562	52 64
610563	48 01
610565	46 61
610566	47 61
610567	39 65
610567	53 64
610568	91
610569	91
610571	A1 67
610572	94 59
610574	B2 19
610577	17 67
610579	81 56
610580	A*11
610580	A*08
610580	A*10
610580	A* 5A
610580	A*12
610580	A*09
610580	A*06A
610581	94 61
610582	20 64
610583	21 64
610584	B 19
610587	B 17
610592	A 81
610648	72 62
610649	A 62
610664	C1 13
610665	C 13
610668	68 51
610687	75 25
610692	54 48
610704	88 16A
610717	14 35
610725	89 16A
610733	72 34
610739	106 16
610739	119 16A
610740	83 19

PART NO.	INDEX NO. AND FIG.
610741	66 19
610742	67 19
611859	36*46
612311	37*46
612516	51 46
612517	52 46
613253	C 3
613267	102 56
613283	27 03
613722	B 75
613725	47 10
613725	76 23
613725	82 37
613726	11 60
613727	12 60
613728	13 60
613729	14 60
613730	A1 68
613731	A1 68
613738	A 60
613742	C 46
613742	91
613743	A1 60
613745	91
613748	A 46
613762	104 56
613763	34 41
613764	A1A 41
613764	23 41
613769	21 48
613800	A*37
613800	A*36
613800	A*38
613800	A*39
613800	A*40
613800	A*41
613800	A*42
613800	A*43
613801	A1 43
613801	A2 42
613802	A1A 43
613802	A2A 42
613803	36 43
613804	A2B 42
613805	84 42
613806	21 42
613807	37 43
613808	86 42
613809	68 42
613810	A1 41
613811	35 41
613812	24 41
613813	26 41
613814	27 41
613815	36 41
613815	28 41
613816	29 41
613817	30 41
613819	53 34
613822	24 36
613825	A5 38
613826	A5A 38
613827	94 38
613827	116 38
613828	104*38
613829	106*38
613830	122*38
613830	107*38
613832	A9 38
613833	141 38

PART NO.	INDEX NO. AND FIG.
613835	A6 38
613836	117 38
613837	A6A 38
613838	123*38
613840	A4 39
613841	53*39
613842	26 36
613846	72 39
613846	76 87
613847	A6 39
613847	E 87
613849	59*39
613850	A5 39
613852	96*40
613853	A6 40
613854	4 41
613856	A3 36
613857	58 36
613858	104 40
613859	37 41
613860	A2 41
613861	27 36
613862	22 42
613863	23 42
613864	28 36
613865	41 38
613866	12 25
613867	6 41
613868	29 36
613869	19 43
613870	24 39
613871	82 39
613872	24 42
613873	A7 40
613874	57 10
613874	14 08
613874	31 09
613874	47 09
613874	4 19
613874	43 27
613874	56 27
613874	57 37
613874	41 37
613874	66 40
613874	42 40
613874	76 40
613874	17 81
613874	32 81
613874	81 81
613875	58 10
613875	26 08
613875	48 09
613875	32 09
613875	56 09
613875	46 10
613875	16 10
613875	3 10
613875	44 18
613875	48 20
613875	77 23
613875	93 25
613875	16 27
613875	21 28
613875	42 38
613875	28 37
613875	49 38
613875	118 38
613875	26 39
613875	142 38
613875	40 39

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PART NO.	INDEX NO. AND FIG.
613875	96 38
613875	54 39
613875	73 39
613875	77*39
613875	33 81
613875	18 81
613875	4 81
613875	82 81
613875	69 87
613876	46 41
613877	B 41
613881	61 25
613896	53 41
613897	54 41
613898	C 41
613901	124*38
614002	A 58
614003	A 63
614004	B 17
614005	A 22
614005	A 23
614006	A*09
614006	A*10
614006	A*06
614006	A*08
614006	A*06A
614006	A*11
614006	A*05A
614006	A*05
614006	A*12
614008	A 59
614013	75 04
614016	76 04
614023	A 18
614023	B 20
614024	B 04
614027	A1 59
614028	77 04
614029	78 04
614030	79 04
614031	80 4
614032	81 04
614036	48 01
614039	33 59
614040	55 62
614044	C 44
614047	9 79
614047	27 80
614048	73 75
614049	62 66
614050	23 79
614051	56 62
614053	48 62
614055	82 04
614067	B 45
614068	108 44
614125	91
614126	91
614127	91
614128	91
614129	91
614131	38 55
614133	A 55
614134	57 62
614136	75 04
614137	B 04
614139	91
614203	A 07

PART NO.	INDEX NO. AND FIG.
614203	A*09
614203	A*08
614203	A*11
614203	A*10
614203	A*12
614216	48 01
614218	A 16A
614301	A 81
614303	A 85
614312	G 82
614314	A5 81
614314	84 81
614315	H 82
614321	A 86
614322	D 84
614322	C 85
614323	F 86
614351	A 66
614352	A 58
614353	91
614354	123 16
614354	138 16A
614355	54 12
614356	37 16A
614358	134 23
614358	77 56
614359	B 17
614361	A 55
614362	91
614364	B 20
614365	A 87A
614366	23 87A
614368	A 16A
614371	A1 12
614378	48 01
614380	A*10
614380	A*11
614380	A*12
614380	A*05A
614380	A*08
614380	A*06A
614380	A*09
614394	A 81
614409	103 56
615047	13 85
615051	63 03
615052	66 03
615053	57 02
615061	114 44
615264	6 68
615380	139 30
615380	129 40
615381	127 57
615394	128 57
615419	121 45
615422	58 02
615423	C 02
615473	7 68
615474	8 68
615475	39 14
615475	59 13
615475	22 15
615476	88 13
615477	56 13
615477	36 14
615477	18 15
615479	8 01
620350	122 45

PART NO.	INDEX NO. AND FIG.
620350	71 46
620350	24 87A
620561	36 55
621380	29 16A
624003	20 60
627651	67 24
632541	8 46
632542	72 46
632543	38*46
632544	6 46
632724	53 46
632799	C1 46
697010	89 13
719003	B 59
719005	B 59
719005	56 68
719007	B 59
719293	85 04
719293	43 04
719439	86 04
721933	32 01
721934	33 01
721935	34 01
721936	36 01
721940	37 01
721941	38 01
723371	62 57
725557	103 61
725558	92 61
725559	A2 61
730268	24 69
730269	26 69
740473	57 68
740490	9 68
740503	11 68
740554	58 68
740561	57 68
740606	59 68
740608	11 68
749007	59 17
749007	43 20
749007	84 44
749007	84 45
752315	14 85
754108	36 59
760123	62 89
760124	63 89
760125	64 89
760126	66 89
760270	58 62
760277	59 62
762582	36 62
762596	47 62
801652	69 75C
802175	61 68
802555	129 57
802678	12 02
804211	131 57
889459	48 61
904404	11 80
904724	A 66
904792	12 80
904812	A 58
904813	A 63
904822	11 71
904823	12 71
904888	13 71
904889	14 71
906553	16 71
-257986	31 76A

SECTION 2
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PART NO.	INDEX NO. AND FIG.
031	59 30
034	50 27
034	106 30
071	1 32
122	1 74
232	2 30
232	2 32
337	3 28
337	3 30
337	60 31
337	3 32
358	37 27
358	76 75
453	2 27
453	101 27
845	66 26
845	3 27
845	6 28
845	2 29
1769	74 26
1882	81 28
2031	141 28
2031	61 31
2031	6 75
2903	5 27
2903	7 28
2903	66 29
2903	91 29
2903	5 32
2994	6 27
2994	4 30
3550	1 75
3550	2 77
4327	50 29
4569	5 30
5528	5 75
5644	6 30
6364	3 26
6364	8 28
6364	3 29
6364	111 28
6364	3 31
6364	65 32
6503	90 27
6503	75 27
6935	7 30
8427	65 28
8427	5 31
8427	1 32A
8427	19 32A
8427	58 32
9092	8 30
9092	4 31
9092	40 31
9092	121 72
9092	96 74
9092	96 74A
9092	77 75
10170	4 26
10170	10 28
10170	115 30
10170	6 31
10170	2 33
10170	17 72
10170	122 72
10170	2 74
10170	1 73
10170	2 75
10170	1 76
10170	4 77

PART NO.	INDEX NO. AND FIG.
10170	1 78
10307	58 28
10309	102 27
11598	11 28
11598	10 30
11598	41 31
11598	125 30
11598	1 72
11598	2 73
11598	101 72
11598	6 74A
11598	3 75
11598	6 76A
11598	6 77A
11598	2 78
11598	6 78A
11891	56 72
11891	3 78
11899	75 28
11900	76 28
11900	70 31
12552	76 27
13086	126 30
14102	11 30
19167	50 28
19167	75 29
19167	88 28
19167	92 29
19167	40 32
19167	50 32
19944	4 29
19944	3 33
19944	2 76
19944	5 77
22232	75 32
22433	52 27
22478	91 30
22478	81 30
22478	4 33
22478	123 72
22478	97 74
22478	4 75
22478	97 74A
22478	85 77
22478	7 77A
22478	100 77A
22478	125 78A
22478	86 78
22478	8 78A
22867	60 30
24090	67 27
24107	8 27
24752	5 33
25627	9 27
25891	4 78
25967	12 28
25967	12 30
28413	2 72
28413	102 72
28413	3 73
28413	2 74A
28413	3 76
28413	2 76A
28413	2 77A
28413	2 78A
28441	53 27
29949	44 32
29949	59 32
29949	54 32
29949	12 32A

PART NO.	INDEX NO. AND FIG.
32042	39 27
32042	49 30
32042	128 30
32042	3 74
32617	60 33
32617	3 72
32617	7 76A
32617	10 78A
34512	6 26
34512	10 27
34512	129 30
36109	4 73
36109	4 74
36109	7 75
36109	6 77
37913	44 26
38051	4 72
38051	18 72
38051	57 72
38051	7 74A
38051	51 74A
38051	46 76A
38051	8 76A
38051	8 77A
38051	60 77A
38051	12 78A
38051	80 78A
38235	13 28
38235	50 30
38235	13 30
38235	35 33
38235	58 72
38235	6 74
38235	8 74A
38235	52 74A
38235	4 76
38235	9 76A
38235	47 76A
38235	10 77A
38235	6 78
38235	61 77A
38235	81 78A
38262	7 74
38262	81 74A
38262	5 76
38263	7 33
38265	53 31
38350	7 26
38350	112 28
38351	5 29
38351	76 32
38352	8 26
38352	14 28
38352	6 29
38352	61 30
38352	66 32
38353	15 28
38353	7 32
38353	67 32
38354	113 28
38354	50 33
38433	9 26
38433	86 74
38434	45 26
38435	43 26
38442	8 74
38442	6 76
38442	7 77
38442	7 78
38450	6 73

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PART NO.	INDEX NO. AND FIG.
38452	8 75
38693	103 27
45651	9 74
45651	7 76
45651	8 77
45690	14 30
45690	59 72
45690	7 73
45690	11 74
45690	78 75
45690	8 76
45690	8 78
45697	9 74A
45697	11 76A
45697	11 77A
45697	14 78A
47242	6 72
47987	82 74A
49814	61 33
52359	75 26
52359	8 33
52522	46 26
55726	61 72
55726	19 72
55726	8 73
55726	53 74A
55726	48 76A
55726	9 76
55726	9 77
55726	62 77A
55726	82 78A
55901	16 28
55901	7 29
55901	12 74
55901	9 75
55901	10 76
55901	10 77
55901	9 78
55918	124 72
55918	98 74
55918	11 74A
55918	98 74A
55918	12 76A
55918	12 77A
55918	86 77
55918	101 77A
55918	87 78
55918	126 78A
56079	9 73
56079	13 74
56079	11 75
56079	11 76
56079	87 77
56079	102 77A
56079	88 78
56121	7 72
56121	103 72
56121	4 74A
56121	12 74A
56121	4 76A
56121	13 76A
56121	14 77A
56121	4 77A
56121	11 78
56121	4 78A
56121	16 78A
56722	51 33
56722	11 73
56722	14 74
56722	12 75

PART NO.	INDEX NO. AND FIG.
56722	12 76
56722	11 77
58114	35 29
58207	21 72
58207	16 74
58207	13 75
58207	12 77
58732	116 30
58853	12 27
59647	15 30
60489	77 27
60646	22 72
60646	13 74A
60646	15 75
60646	14 76A
60646	15 77A
60646	12 78
60646	18 78A
62031	8 72
62031	62 72
62031	23 72
62031	17 74
62031	14 74A
62031	54 74A
62031	13 76
62031	49 76A
62031	16 76A
62031	13 77
62031	16 77A
62031	64 77A
62031	13 78
62031	89 78
62031	83 78A
62031	20 78A
72828	92 30
76574	12 73
76574	18 74
76574	14 75
76574	14 77
77828	82 30
77936	22 78A
78952	13 73
79779	63 72
79779	51 76A
79779	65 77A
79779	84 78A
81693	9 31
81693	19 74
81693	14 73
81693	14 76
81693	15 77
81693	24 78A
81898	24 72
92784	21 74
94856	26 72
100229	71 31
100359	78 28
103079	64 72
103898	15 76
103898	17 77
103899	18 77
104763	55 27
104763	11 31
105197	18 28
106988	72 31
107070	73 31
109339	76 26
110029	17 30
110129	117 30

PART NO.	INDEX NO. AND FIG.
110129	83 30
110129	93 30
110129	43 31
118635	16 75
123639	18 30
125071	90 78
127324	22 74
127324	17 75
127324	56 74A
127324	19 77
127324	67 77A
129654	91 27
131551	77 32
131562	107 30
133273	14 27
140777	19 30
141964	74 31
141966	75 31
144040	20 30
147297	90 26
147297	9 32
147297	10 33
150209	14 78
150566	15 27
150566	19 28
150566	9 29
150604	20 28
151720	76 29
151720	93 29
152711	77 28
155749	47 26
156231	40 27
156231	100 30
156231	108 30
156231	21 30
156364	66 28
156364	51 28
156364	36 29
156364	58 29
156364	77 29
156364	86 29
156364	10 29
156364	94 29
156364	71 30
156364	45 32
156364	46 33
156364	13 32A
156364	36 33
156364	55 32
160817	45 33
160827	22 28
160827	11 29
160989	22 30
167216	23 30
167790	12 26
167790	91 26
167790	78 32
170214	7 31
170215	10 26
170226	8 31
170226	8 32
170228	2 31
170241	20 26
170260	2 26
170346	18 75
173204	82 28
173700	62 31
177741	13 26
179946	16 73

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186455	16 78
186758	10 32
186759	17 73
186759	126 72
186759	23 74
186759	101 74
186759	101 74A
186759	16 76
186759	20 77
186759	89 77
186759	17 78
186759	104 77A
186759	91 78
186759	129 78A
186935	17 27
187855	27 72
188696	16 74A
188696	26 78A
191483	104 72
194835	76 31
203788	63 30
204300	66 72
204363	142 28
204623	109 30
204623	52 30
205915	100 78
207206	106 72
207293	127 72
207293	102 74
207293	102 74A
207293	91 77
207293	106 77A
207293	92 78
207293	130 78A
207304	30 78A
207310	19 78
207310	86 78A
207316	67 72
207316	24 74
207316	17 76
207316	22 77
207316	21 78
207318	107 72
207324	68 72
207324	57 74A
207324	52 76A
207324	22 78
207324	69 77A
207324	88 78A
207325	23 78
207336	26 74
207336	17 74A
207336	90 78A
207340	17 76A
207340	18 77A
207348	28 72
207348	18 76A
207348	18 76
207349	24 78
207349	32 78A
207350	18 74A
207354	26 78
207354	34 78A
207356	27 78
207357	19 76
207357	23 77
207361	21 75
207365	19 74A
207365	27 74

PART NO.	INDEX NO. AND FIG.
207370	28 78
207371	24 77
207373	25 77
207381	28 74
207381	20 76
207382	128 72
207382	103 74
207382	103 74A
207382	92 77
207382	108 77A
207382	93 78
207382	132 78A
207385	29 78
207388	18 73
207392	31 78
207392	36 78A
207393	32 78
207393	38 78A
208154	92 78A
208175	29 74
208183	19 76A
208198	31 74
208199	108 72
208200	109 72
208221	21 76A
208221	22 76
208221	26 77
208221	19 77A
208223	27 77
208223	20 77A
208228	23 76
208228	22 76A
208228	28 77
208228	22 77A
208229	69 72
208229	29 72
208229	32 74
208229	58 74A
208229	24 76
208229	53 76A
208229	29 77
208229	70 77A
208232	22 75
208238	33 74
208238	20 74A
208257	19 73
208283	34 74
208286	36 74
208286	25 76
208286	30 77
208291	37 74
208373	26 76
208374	27 76
208377	28 76
208378	29 76
208379	30 76
208385	38 74
208385	31 76
208385	31 77
208385	33 78
208386	21 73
208737	39 74
208739	41 74
208825	21 74A
208825	42 74
208825	23 75
208895	43 74
208896	44 74
208897	46 74

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208900	47 74
208938	48 74
208939	87 74
208942	83 74A
208946	88 74
208971	89 74
208982	49 74
208982	33 76
208982	32 77
208982	37 78
208985	51 74
208985	34 76
208985	33 77
208986	35 76
208986	34 77
208989	31 72
208989	22 74A
208989	23 76A
208989	23 77A
208989	40 78A
209001	52 74
209001	36 76
209001	35 77
209001	38 78
209004	24 75
209005	22 73
209005	53 74
209005	37 76
209005	36 77
209005	39 78
209483	32 72
209484	33 72
210844	9 72
210845	34 72
210873	11 72
210874	36 72
210984	37 72
210984	23 74A
210984	24 76A
210984	24 77A
210984	42 78A
210985	24 74A
210985	26 76A
210985	25 77A
210985	43 78A
210986	26 74A
210986	27 76A
210986	26 77A
210986	44 78A
210990	57 75
211409	46 78A
213692	41 78
213693	54 74
213693	37 77
213693	42 78
216075	56 74
216075	39 76
216075	38 77
216076	94 78A
216128	48 26
216128	75 27
216197	71 72
216206	72 72
216206	59 74A
216206	54 76A
216206	72 77A
216206	96 78A
216537	63 31
217019	73 72

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PART NO.	INDEX NO. AND FIG.
217174	43 78
217176	44 78
218155	46 78
218195	47 78
219093	48 78
219095	49 78
219097	51 78
219098	52 78
219423	74 72
219423	57 74
219423	40 76
219423	39 77
219423	53 78
219841	54 78
219895	56 78
219943	40 77
219947	41 77
219980	42 77
219993	23 73
219994	24 73
220596	26 73
220780	43 77
220787	27 73
220840	44 77
220842	45 77
220845	28 73
220856	11 32
220908	29 73
220909	31 73
220914	28 76A
220914	41 76
220915	57 78
220915	48 78A
220918	58 74
220918	27 74A
220918	46 77
220918	28 77A
221266	26 75
221342	27 75
221517	47 77
221517	30 77A
221790	111 72
221790	58 78
221961	29 75
221971	31 75
221972	32 75
221982	33 75
222011	34 75
222022	36 75
222023	37 75
222024	38 75
222026	39 75
222027	41 75
222791	21 76
222798	18 78
226110	25 30
234320	65 29
234320	96 29
234321	4 32
234322	17 26
234322	5 28
234329	68*27
234333	4 28
234335	2 28
234966	18 27
236849	48 73
236849	129 72
236849	94 78
237032	41 27

PART NO.	INDEX NO. AND FIG.
237032	53 30
237032	28 74A
237032	32 77A
238359	15 26
238360	16 26
238364	13 29
239236	83 28
242618	42 75
250714	26 30
250785	72 30
251970	91 74
251970	48 77
251970	59 78
251989	79 32
253570	24 28
257186	77 26
257187	42 76
257187	49 77
257187	95 78
257188	59 74
257189	29 74A
257189	43 76
257189	50 77
257189	34 77A
257189	50 78A
257189	61 78
257354	31 74A
257354	29 76A
257354	35 77A
257354	52 78A
257634	69 27
257635	70 27
257701	71 27
257969	68 29
257970	13 31
257970	12 32
257985	78 26
257985	25 28
257985	14 29
257985	12 33
257986	26 28
257986	114 28
257986	118 30
257986	14 31
257986	76 72
257986	61 74
257986	32 74A
257986	44 76
257986	51 77
257986	36 77A
257986	62 78
257986	96 78
257986	54 78A
287461	40 75
300721	62 74
300721	45 76
300721	52 77
301768	46 76
301768	54 77
301881	38 72
302090	28 30
302131	29 30
302812	13 32
304479	63 74
304479	52 75
306052	84 74A
310113	101 30
310781	44 31
314047	64 74

PART NO.	INDEX NO. AND FIG.
314047	47 76
314047	55 77
315956	33 74A
315956	56 78A
316807	14 33
316996	77 72
316996	61 74A
316996	56 76A
316996	74 77A
316996	98 78A
317005	48 76
317005	56 77
317012	78 72
317012	49 76
317012	57 77
317019	66 74
317019	50 76
317019	58 77
317019	63 78
317022	64 78
317024	67 74
317089	66 78
317095	67 78
317145	68 74
317276	51 76
317276	59 77
317433	60 77
317433	38 77A
317529	55 76
317529	61 77
319886	19 27
320456	56 76
320456	62 77
321483	16 29
321603	58 78A
322026	43 75
322065	97 78
322550	32 73
322550	69 74
322550	44 75
322550	57 76
322550	63 77
322550	68 78
322550	98 78
322554	64 77
322556	59 76
322739	46 75
322765	62 74A
322765	76 77A
323543	33 73
323543	71 74
323543	47 75
323543	65 77
323597	72 74
323840	49 75
323844	32 76A
323844	39 77A
326264	115 28
327921	50 75
331150	73 74
332620	34 73
332620	51 75
332727	92 74
333182	88 27
334596	60 76
334596	66 77
334598	74 74
334598	61 76
334598	67 77

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PART NO.	INDEX NO. AND FIG.
334932	33 76A
334932	40 77A
334932	60 78A
335138	62 76
335138	57 76A
335138	68 77
335138	78 77A
336146	17 29
336152	18 29
336153	19 29
336263	81 27
336270	28 28
336276	57 27
336282	82 27
336320	20 29
336321	83 27
336323	21 29
336323	15 33
336651	49 26
336903	92 27
337898	36 73
337898	69 77
338169	76 74
338169	63 76
338169	70 77
338238	29 28
344210	11 26
347177	45 75
355369	68 32
356742	69 78
359695	37 73
360244	71 78
360244	62 78A
360310	53 75
369207	130 72
369214	79 72
369214	63 74A
369214	58 76A
369214	80 77A
369214	100 78A
370610	76 76A
370610	109 77A
370611	106 74A
370616	131 72
371656	104 74
371656	94 77
371656	99 78
435943	37 29
435943	45 29
437763	85 27
437763	31 30
437763	14 32
438014	30 28
438014	16 33
438539	86 74A
438548	93 74
438548	72 78
438553	31 28
438553	23 29
438566	20 27
438573	50 26
438573	73 78
438582	42 77A
438583	64 78A
438601	34 74A
438601	44 77A
438622	54 75
438622	72 77
440550	64 76

PART NO.	INDEX NO. AND FIG.
440550	73 77
440570	38 73
440752	39 73
440882	77 74
440882	74 78
441042	41 73
441042	78 74
441042	65 76
441042	74 77
441042	76 78
442124	64 74A
442124	59 76A
442124	82 77A
442124	101 78A
442778	39 72
442780	81 72
442823	78 29
442823	97 29
442958	48 75
442959	66 76
442959	75 77
442959	46 77A
470102	18 26
473377	66 74A
473377	61 76A
473377	84 77A
473377	102 78A
473378	67 74A
473378	85 77A
473379	68 74A
473379	62 76A
473379	86 77A
473379	104 78A
473387	48 77A
473388	88 77A
473389	89 77A
473396	36 74A
473396	49 77A
473406	41 72
473416	37 74A
473426	42 72
473436	38 74A
473437	39 74A
473438	69 74A
473439	71 74A
473442	82 72
473446	50 77A
473498	34 76A
473498	63 76A
473499	64 76A
473530	72 74A
473530	66 76A
473530	90 77A
473530	106 78A
473531	83 72
473531	73 74A
473531	67 76A
473531	92 77A
473531	108 78A
473533	84 72
473536	86 72
473536	74 74A
473536	68 76A
473536	93 77A
473536	110 78A
473543	43 72
473543	41 74A
473543	36 76A
473543	52 77A

PART NO.	INDEX NO. AND FIG.
473543	66 78A
473544	87 72
473544	76 74A
473544	69 76A
473544	94 77A
473544	112 78A
473545	37 76A
473545	53 77A
473547	77 74A
473547	72 76A
473547	95 77A
473547	114 78A
473576	12 72
473582	88 72
476367	38 76A
476367	58 76
477203	89 72
477225	116 78A
477227	68 78A
477228	118 78A
477252	44 72
477283	91 72
477287	46 72
477288	92 72
477289	93 72
478046	112 72
478047	113 72
479953	47 72
501544	77 78
501544	70 78A
502588	78 78
504297	42 74A
504698	56 75
507142	72 78A
507144	58 75
507144	43 74A
509798	59 75
510379	19 26
510460	74 78A
511096	79 74
511096	61 75
511097	81 74
511097	62 75
511097	77 77
511098	63 75
511592	42 73
512663	55 77A
515718	44 74A
517913	114 72
517913	66 75
518130	45 74A
518130	56 77A
518130	76 78A
521695	82 74
521695	46 74A
521849	78 77
524928	64 75
526378	13 72
526378	116 72
526378	68 75
529088	43 73
529088	83 74
533534	48 72
533534	94 72
533534	78 74A
533534	71 76A
533534	97 77A
533534	120 78A
597216	117 72

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PART NO.	INDEX NO. AND FIG.
597300	101 78
597575	39 76A
597575	78 78A
597987	49 72
598343	44 73
598479	32 76
598479	73 76A
598479	34 78
598479	122 78A
602210	116 28
602229	52 26
602249	94*27
602469	54 26
602490	55 26
602493	56 26
602495	57 26
603116	33 28
603703	89 27
603846	96 27
603862	63 26
603863	64 26
607049	80 26
607083	35 28
607108	59*28
607109	60*28
607109	95*28
607110	53 28
607115	54 28
607115	89 28
607115	41 32
607121	51 29
607138	47 33
607140	68 28
607141	69 28
607142	70 28
607150	38 29
607165	96*28
607169	80 29
607170	81 29
607170	98 29
607171	82 29
607171	99 29
607172	83 29
607172	101 29
607175	69*29
607188	36 28
607188	25 29
607189	19 33
607190	64 31
607191	20 33
607197	65 31
607198	66 31
607199	16 31
607209	21 33
607212	39 29
607223	64 30
607224	65 30
607225	66 30
607226	67 30
607227	55 30
607228	3 32A
607229	17 31
607230	18 31
607230	5 32A
607232	19 31
607233	22 33
607235	24 33
607237	16 32
607238	17 32

PART NO.	INDEX NO. AND FIG.
607239	18 32
607239	20 31
607240	19 32
607241	21 31
607243	57 31
607244	20 32
607246	21 32
607246	22 31
607248	56 32
607248	14*32A
607257	21*32A
607257	60 32
607284	22*32A
607286	23*32A
607286	61 32
607291	24*32A
607291	62*32
607310	63 32
607310	26*32A
607316	23 32
607352	22 27
607353	87 27
607356	87 29
607358	59 29
607358	26 29
607361	37 33
607364	24 32
607364	7 32A
607369	21 26
607370	25 32
607375	44 27
607376	45 27
607387	35 32
607392	80 32
607393	81 32
607394	82 32
607395	70 32
607396	71 32
607397	37 28
607406	46*32
607416	68 30
607421	22 26
607422	23 26
607423	85 26
607426	93 26
607428	94 26
607430	24 26
607431	25 26
607433	26 26
607436	28 26
607443	117 28
607444	130 28
607446	118 28
607448	119 28
607469	29 26
607475	27 29
607476	38 28
607479	73 30
607492	84 30
607496	94 30
607505	59 27
607511	60 27
607515	61 27
607516	34 32
607519	62 27
607528	24 27
607529	25 27
607532	63 27
607551	30 26

PART NO.	INDEX NO. AND FIG.
607559	67 31
607560	83 32
607568	84 28
607581	39 28
607582	33 30
607622	26 33
607628	46 27
607633	27 33
607635	84 32
607636	35 31
607644	85 30
607646	95 30
607655	40 28
607656	34 30
607672	135 30
607673	63 33
607674	28 32
607678	36 32
607685	29 32
607686	52 29
607687	46 29
607688	47 29
607690	53 29
607694	32 26
607695	33 26
607846	27 27
607867	35 30
607870	28 27
607878	28 33
607953	35 26
607957	51*32
607958	52*32
607959	53*32
608001	31 32
608021	36 26
608063	47 32
608063	16 32A
608063	57 32
608074	28 29
608172	30 27
608174	31 27
608175	32 27
608181	52 33
608182	53 33
608184	54 33
608201	68 26
608202	38 26
608214	33 27
608243	39 26
608278	29 33
608284	30 33
608492	86 30
608492	96 30
609034	132 72
609049	133 72
609057	59 26
609060	46 31
609061	47 31
609063	48 31
609064	49 31
609075	131*28
609077	120*28
609082	60 26
609083	37 30
609084	110 30
609085	102 30
609086	90 28
609090	103 30
609091	38 30

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PART NO.	INDEX NO. AND FIG.
609094	39 30
609096	111 30
609103	119 30
609104	41 28
609105	120 30
609144	41 30
609162	133 30
609183	49 73
609186	42 30
609414	43 30
609432	44 30
609480	136 30
609617	102*29
609717	62 26
609768	28 31
609771	29 31
609773	69 32
610016	122 28
610033	75 30
610034	108 28
610148	29 29
610183	76 30
610184	77 30
610185	77 31
610277	39 30
610282	27 26
610284	23 33
610315	79 28
610316	80 28
614043	103 78
614138	96 77
730175	96 72
730176	97 72
1073043	26 82
1073412	69 75
1073418	13 13
1073418	79 22
1073418	71 24
1073418	13 24
1073418	17 83
1073418	34 86
1073418	15 86
1073418	69 86
1073418	75 86
1073418	91 86
1073462	73 46
1074145	43 55
1077815	38 43
1077815	87 42
1090012	96 22
1090448	57 09
1090448	22 10
1090448	55 23
1090448	13 81
1090873	44 02
1090873	34 05A
1090873	14 07
1090873	11 06
1090873	54 10
1090873	32 05
1090873	44 16
1090873	91 16A
1090873	9 18
1090873	48 17
1090873	17 20
1090873	138 23
1090873	77 25
1090873	69 26
1090873	11 27

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1090873	43 28
1090873	95 27
1090873	143 28
1090873	29 37
1090873	43 38
1090873	27 39
1090873	72 44
1090873	123 45
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