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						E1		ECR-15-012201			08SEP2015		
											GK SD		

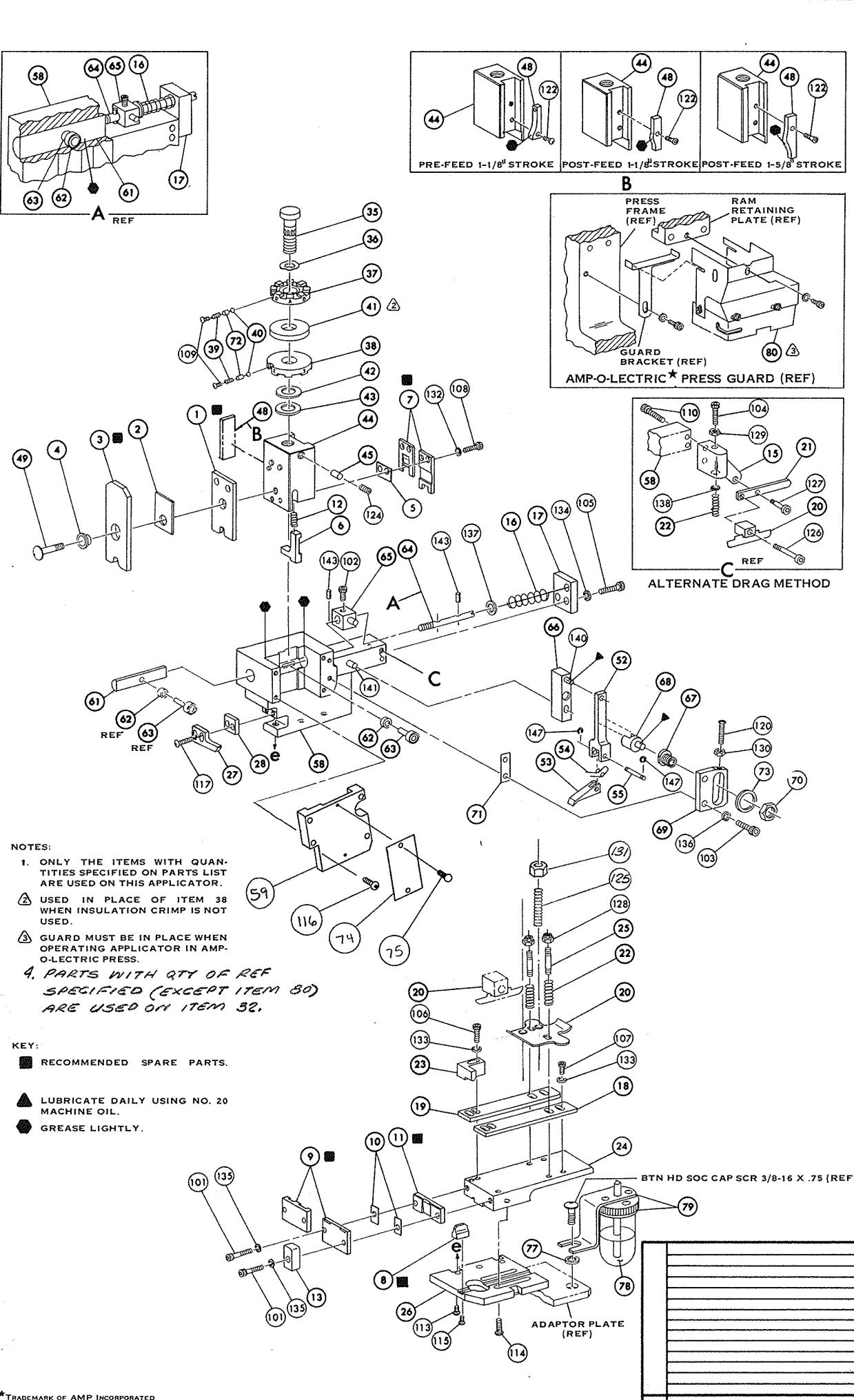
# REPLACED BY OCEAN STYLE APPLICATOR PART

## NUMBER 2150541-1

FOR REPLACEMENT PARTS FOR APPLICATOR 687956-1  
 REFER TO ADDITIONAL PAGE(S). SPARE PARTS KIT (IF LISTED)  
 WILL REMAIN AVAILABLE.

THE REPLACEMENT OCEAN STYLE APPLICATOR HAS THE  
 SAME TERMINATOR/PRESS INTERFACE AS APPLICATOR  
 687956-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GOPALAKRISHNA HV		TE Connectivity	
DIMENSIONS:		CHK GOPALAKRISHNA HV			
		APVD STOUGH DALE			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
0 PLC ±		APPLICATION SPEC			
1 PLC ±					
2 PLC ±					
3 PLC ±					
4 PLC ±					
ANGLES ±		WEIGHT		RESTRICTED TO	
MATERIAL		CUSTOMER DRAWING		A 3	
FINISH		DRAWING NO		C- 687956-1	
		SCALE		SHEET 1 OF 2	
		REV E1			



		162	REF	690517-1	SPACER	71	
		161		22594-8	HEX, NUT	70	
		160	↑	240628-1	PLATE, ADJ	69	
		159	↑	240626-1	SHAFT, PIVOT	68	
		158	↑	240633-1	BUSHING	67	
		157		455680-1	LEVER, INTERMEDIATE	66	
		156		240629-1	BLOCK, PIVOT	65	
		155	↓	240632-2	SCREW, ADJ	64	
		154	↓	240659-3	PIN, CAM ROLLER	63	
		153	↓	240658-1	CAM, ROLLER	62	
		152	REF	454398-1	ROD, FEED	61	
		151				60	
		150	REF	454220-1	CAP, RAM	59	
		149	REF	453736-1	HOUSING	58	
		148				57	
REF	21045-3	RING, RETAINING 'C' (.187 DIA) FEED PIN	147			56	
		146	REF	240624-1	PIN, FEED FINGER	55	
		145	REF	691499-1	SPRING, FEED FINGER	54	
		144	REF	240635-1	FINGER, FEED	53	
		143	REF	240634-1	LEVER, TERMINAL	52	
REF	5- 21028-1	PIN, SLOT SPG (.12 DIA x .50) FEED ADJ ROD	142			51	
REF	1- 21030-7	PIN, DOWEL (.187 DIA x 1.50) HOUSING	141			50	
REF	1- 21030-1	PIN, DOWEL (.187 DIA x .50) LEVER	140	1	7-21002-9	BOLT, CRIMPER	49
—	22260-5	WASH, FLAT (NO. 6) DRAG SPRING	138	1	690501-4	CAM, POST FEED 1- 5/8 STROKE	48
REF	21899-4	WASH, FLAT (NO. 5/16 DIA) SCR. ADJ	137			47	
REF	21024-5	WASH, LOCK (NO. 10) FEED ADJ PLATE	136	1	690191-1	PLUG, NYLON	45
2	21024-5	WASH, LOCK (NO. 10) SHEAR PLATES	135	1	455674-1	RAM	44
REF	21024-5	WASH, LOCK (NO. 10) FEED ROD GUIDE	134	1	690125-1	WASHER, LAMINATED	43
4	21024-4	WASH, LOCK (NO. 8) STRIP GUIDE	133	1	690124-1	WASHER, RAM	42
2	21024-4	WASH, LOCK (NO. 8) SHEAR BLADE	132		SPACER, DISC	41	
2	21018-3	NUT, HEX MACH (A-40) DRAG	131	2	23241-6	BALL, STEEL	40
REF	21068-5	NUT, HEX MACH (6-32) FEED ADJ PLATE	130	2	690170-1	SPRING, COMPRESSION	39
—	21018-7	NUT, HEX MACH (10-32) DRAG SPRING	129	1	690142-1	DISC, INSULATION	38
2	21022-2	NUT, HEX SELF-LKG (8-32) DRAG STUDS	128	1	692155-6	DISC, WIRE	37
—	5- 21004-7	SCR, SKT HD SHLD (.250 DIA x .25) DRAG ARM	127	1	22480-5	WASHER, SPRING	36
—	21004-5	SCR, SKT HD SHLD (.250 DIA x 1.00) DRAG	126	1	690212-1	POST, RAM	35
2	4-21078-8	SCR, SKT SET OVAL PT. (A-40 x .75) DRAG	125			34	
1	21009-2	SCR, SKT SET (1/4-20 x 25) NYLOK RAM	124			33	
1	2- 21003-0	SCR, FLAT HD SOC CAP (6-32 x .50) CAM	122			31	
REF	3- 21064-2	SCR, RDH HD MACH (6-32 x 1.50) FEED ADJ	120			29	
		119	1	3-690951-2	SPACER, STRIPPER	28	
		118	1	240639-1	STRIPPER	27	
2	2-21002-2	SCR, BTN HD SKT CAP (8-32 x .50) STRIPPER	117	REF	455676-1	PLATE, BASE	26
REF	2- 21002-9	SCR, BTN HD SKT CAP (10-32 x .75) HSG CAP	116	2	22354-3	DRAG, STUD	25
1	22733-8	SCR, BTN HD SKT CAP (8-32 x .38) NYLOK ANVIL	115	1	455678-1	PLATE, STRIP GUIDE	24
4	3- 21002-3	SCR, BTN HD SKT CAP (1/4-20 x .50) STR GDE PL	114	4-22281-1	PLATE, STRIP HOLD	23	
REF	1-21073-9	SCR, BTN HD SKT CAP (1/4-20 x .75) BASE PLATE	113	2	4-22281-1	SPRING, DRAG	22
		112	—	240636-1	LEVER, DRAG	21	
—	2. 21000-4	SCR, SKT HD CAP (6-32 x 1.00) DRAG ADAPTOR	110	1	455177-1	DRAG, STOCK	20
2	23030-1	SCR, SKT HD CAP (6-32 x .25) NYLOK C. P. DISC	109	1	458030-8	GUIDE, STRIP REAR	19
2	2-21000-7	SCR, SKT HD CAP (8-32 x .50) SHEAR BLADE	108	1	458031-8	GUIDE, STRIP FRONT	18
3	7-21000-4	SCR, SKT HD CAP (8-32 x .31) STRIP GUIDE	107	REF	454178-1	GUIDE, FEED ROD	17
1	7-21000-4	SCR, SKT HD CAP (8-32 x .31) STRIP GUIDE	106	REF	4-22284-9	SPRING, FEED RETURN	16
REF	3- 21000-7	SCR, SKT HD CAP (10-32 x .75) FD ROD GUIDE	105	—	454665-1	ADAPTOR, DRAG	15
—	3- 21000-9	SCR, SKT HD CAP (10-32 x 1.00) DRAG SPRING	104			14	
REF	3- 21000-6	SCR, SKT HD CAP (10-32 x .62) FD ADJ PLATE	103	1	23846-1	SPACER, HOLD DOWN	13
REF	3- 21000-4	SCR, SKT HD CAP (10-32 x .38) PIVOT BLK	102	1	240644-1	PLATE, REAR SHEAR	12
2	3- 21000-8	SCR, SKT HD CAP (10-32 x .88) SHEAR PLATES	101	2	1-240645-7	SPACER, SHEAR PLATE	10
REF	455745-1	GUARD, WINDOW	80	1	240642-2	PLATE, FRONT SHEAR	9
—	465184-9	LUBRICATOR ASSY	79	1	1-240655-2	ANVIL	8
—	22014-1	OIL SYNTHETIC	78	1	1-240651-0	BLADE, SLUG	7
—	454406-1	SPACER, LUBRICATOR BRACKET	77	1	1-2455589-2	Hold DOWN	6
2	21017-2	SCR, DRIVE (.42 x .19) ID PLATE	76	1	5-240641-4	SPACER, SHEAR BLADE	5
1	461269-1	PLATE, ID	75	1	238009-1	SPACER, TUBULAR, INS CRIMPER	4
REF	458109-1	WASHER, FLAT (SPECIAL)	74	1	1-456135-9	CRIMPER, INSULATION	3
2	690603-1	SPRING, ASSIST	73	1	1-455888-1	SPACER, INSULATION	2
REF	21017-2	SCR, DRIVE (.42 x .19) ID PLATE	72	1	1-456404-1	CRIMPER, WIRE	1

ITEM 2221 SPEC 114-2080

## CRIMPING DATA

WIRE AREA			
LETTER	CRIMP HEIGHT	WIRE SIZE	WIRE STRIP LENGTH
A	.054	#18	
B	.049	#20	
C	.046	#22	

SET UP GAGE <b>158638-1</b>	LAYOUT NO. <b>23A</b>	AMP INCORPORATED HARRISBURG, PENNA.		
DAWN <b>Boarty 11/2/73</b>	APPROVED <b>Ken Davis 11-16-73</b>	LOC. <b>A</b>	NO. <b>687956-1</b>	REV. <b>E</b>
HECKED <b>11-13-73</b>	REL. <b>11-16-73</b>	<i>M. L. Woodruff</i>		
SCALE NONE	NAME <b>MINIATURE QUICK CHANGE APPLICATOR</b>			
	END-FEED (PIN RECEP'T.)			
DATE ISSUED <b>01/26/</b>	CUSTOMER AND ASSEMBLY DRAWING			RESTRICTED TO

**NAME** **MINIATURE QUICK CHANGE APPLICATOR**  
**END-FEED (PIN RECEP'T.)**

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