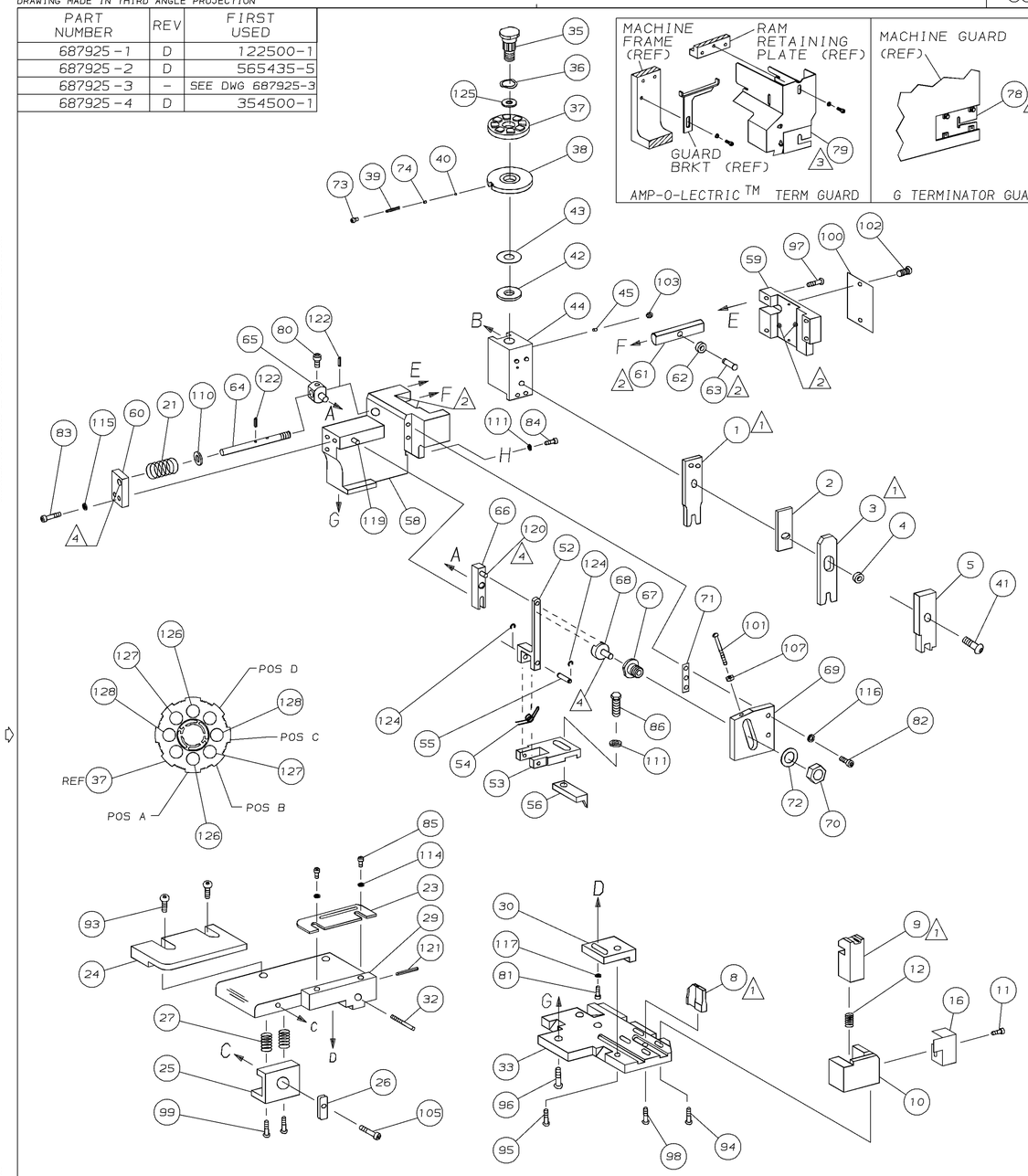
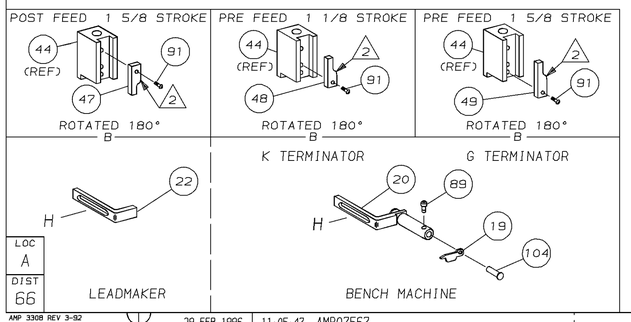
DRAWING MADE IN THIRD ANGLE PROJECTION

PART NUMBER	REV	FIRST USED
687925-1	D	122500-1
687925-2	D	565435-5
687925-3	–	SEE DWG 687925-3
687925-4	D	354500-1





1. RECOMMENDED SPARE PARTS.
2. GREASE LIGHTLY.
3. GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN A BENCH MACHINE.
4. LUBRICATE DAILY USING NO. 20 MACHINE OIL.
5. ITEMS WITH QTY OF REF SPECIFIED (EXCEPT ITEMS 78 AND 79) ARE USED ON ITEM 46.

TERMINAL NAME: BUTTON CONTACT

61165
505034
170071

CRIMPING DATA

PAD LTR	CRIMP HEIGHT	WIRE SIZE
A	.061 ±.002 [1.55 ±0.05mm]	16
B	.054 ±.002 [1.37 ±0.05mm]	18
C	.050 ±.002 [1.27 ±0.05mm]	20
D	NOT	USED

CRIMP	SIZE	TYPE	RANGE
WIRE	.090 [2.29mm]	F	20-16
INSUL	.130 [3.30mm]	0	.090-.125

WIRE STRIP LENGTH	TERM APPL SPEC	FEED	APPL INSTRUCTION	SET UP GAGE	LAYOUT
–	–	.525	408-8040	458637-1	208

-4	-2	-1	U/M	DWG SIZE	PART NO	DESCRIPTION	ITEM NO
							129
2	2	2	–	C	2-354779-2	PIN, WIRE DISC (.3100) C	128
2	2	2	–	C	1-354779-4	PIN, WIRE DISC (.3060) B	127
2	2	2	–	C	9-354778-9	PIN, WIRE DISC (.2990) A	126
1	1	1	–	A	986950-1	WASHER, FLAT PRECISION	125
REF	REF	REF	–	A	21045-3	RING,RET "C" (ø.187) FD FING PIN	124
							123
REF	REF	REF	–	A	5-21028-1	PIN,SLT SPR (ø.125x.50) ADJ ROD	122
1	1	1	–	A	4-21028-0	PIN,SLT SPR (ø.093x.75) ST GDE PL	121
REF	REF	REF	–	A	1-21030-1	PIN,DOWEL (ø.187x.50) LEVER	120
REF	REF	REF	–	A	1-21030-6	PIN,DOWEL (ø.187x1.25) HOUSING	119
							118
1	1	1	–	A	21024-5	WASHER, LOCK (#10) ADJ BLOCK	117
REF	REF	REF	–	A	21024-5	WASHER,LOCK (#10) ADJ PLATE	116
REF	REF	REF	–	A	21024-5	WASHER,LOCK (#10) FEED GDE ROD	115
2	2	2	–	A	21024-2	WASHER,LOCK (#4) FRONT STP GUIDE	114
							113
							112
2	2	2	–	A	21024-4	WASHER,LOCK (#8) STRIPPER	111
REF	REF	REF	–	A	21899-4	WASHER,FLAT (ø5/16) SCREW ADJ	110
							109
							108
REF	REF	REF	–	A	21018-5	NUT,HEX (6-32) FEED ADJ	107
							106
1	1	1	–	A	22353-8	SCR,SHLD (ø.187x.25) DRAG LEVER	105
1	1	–	–	A	992031-1	PIN, CLEVIS	104
1	1	1	–	A	21009-2	SCR,SKT SET (1/4-20x.25 LW) RAM	103
2	2	2	–	A	21017-2	SCR,DRIVE (#2x.19) ID PLATE	102
REF	REF	REF	–	A	6-23715-5	SCR,PAN HD (6-32x1.50) FEED ADJ	101
1	1	1	–	B	461264-1	PLATE, IDENTIFICATION	100
2	2	2	–	A	3-21002-0	SCR,BHC (10-32x.88) DRAG	99
1	1	1	–	A	22733-8	SCR,BHC (8-32x.38 LW) ANVIL	98
REF	REF	REF	–	A	2-21002-9	SCR,BHC (10-32x.75) CAP	97
REF	REF	REF	–	A	2-22733-8	SCR,BHC (1/4-20x.62) HOUSING	96
REF	REF	REF	–	A	2-21002-7	SCR,BHC (10-32x.50) SG ADJ BLOCK	95
2	2	2	–	A	2-21002-2	SCR,BHC (8-32x.50) TERM H DWN	94
2	2	2	–	A	2-21000-6	SCR,BHC (8-32x.38) R STP GDE	93
							92
1	1	1	–	A	1-21002-7	SCR,BHC (6-32x.38) CAM	91
							90
1	1	–	–	A	7-21000-9	SCR,SHC (4-40x.19) STRIPPER	89
							88
							87
1	1	1	–	A	2-22603-0	SCR,HEX HD (8-32x.31) FEED FINGER	86
2	2	2	–	A	1-21000-3	SCR,SHC (4-40x.25) F ST GUIDE	85
1	1	1	–	A	2-21000-7	SCR,SHC (8-32x.50) STRIPPER	84
REF	REF	REF	–	A	3-21000-7	SCR,SHC (10-32x.75) FEED ROD GD	83
REF	REF	REF	–	A	3-21000-6	SCR,SHC (10-32x.62) FD ADJ BLK	82
1	1	1	–	A	3-21000-4	SCR,SHC (10-32x.38) SG ADJ BL	81
REF	REF	REF	–	A	3-21000-4	SCR,SHC (10-32x.38) PIVOT BLK	80
–	REF	–	–	B	455749-1	GUARD, WINDOW	79
REF	–	–	–	B	679532-1	INSERT, GUARD	78
							77
							76
							75
1	1	1	–	A	690603-1	SPRING, ASSIST	74
1	1	1	–	A	23030-1	SCR,SHC (6-32x.25 SL) INS DISC	73
REF	REF	REF	–	A	458109-1	WASHER, SPECIAL	72
REF	REF	REF	–	A	690517-1	SPACER	71
-4	-2	-1	U/M	DWG SIZE	PART NO	DESCRIPTION	ITEM NO

QTY REQD PER ASSY — PARTS LIST

-1	LEADMAKER	MECH POST FEED
-2	BENCH MODEL K	MECH PRE FEED
-4	BENCH MODEL G	MECH PRE FEED

-4	-2	-1	U/M	DWG SIZE	PART NO	DESCRIPTION	ITEM NO
REF	REF	REF	–	B	22594-8	NUT,HEX (1/2-20)	70
REF	REF	REF	–	B	240628-1	PLATE, ADJUSTMENT	69
REF	REF	REF	–	B	240626-1	SHAFT, PIVOT	68
REF	REF	REF	–	B	240633-1	BUSHING	67
REF	REF	REF	–	A	455680-1	LEVER, INTERMEDIATE	66
REF	REF	REF	–	B	240629-1	BLOCK, PIVOT	65
REF	REF	REF	–	A	240632-2	SCREW, ADJ FEED ROD	64
REF	REF	REF	–	B	240659-3	PIN, CAM ROLLER	63
REF	REF	REF	–	B	240658-1	ROLLER, CAM	62
REF	REF	REF	–	B	454398-2	ROD, FEED	61
REF	REF	REF	–	A	454178-1	GUIDE, FEED ROD	60
REF	REF	REF	–	C	454220-1	CAP, RAM	59
REF	REF	REF	–	D	454485-1	HOUSING	58
							57
1	1	1	–	B	690542-2	PAWL, FEED	56
REF	REF	REF	–	B	240624-1	PIN, FEED FINGER	55
REF	REF	REF	–	B	691499-1	SPRING, FEED FINGER	54
REF	REF	REF	–	B	690541-1	HOLDER, FEED FINGER	53
REF	REF	REF	–	A	455679-1	LEVER, TERMINAL FEED ARM	52
							51
							50
1	–	–	–	B	690602-6	CAM, PRE-FEED 1 5/8 ST	49
–	1	–	–	B	690602-5	CAM, PRE-FEED 1 1/8 ST	48
–	–	1	–	B	690501-4	CAM, POST-FEED 1 5/8 ST	47
1	1	1	–	B	459456-1	APPLICATOR, BASIC (SUBASSY)	46
1	1	1	–	A	690191-1	PLUG, NYLON	45
1	1	1	–	C	455673-1	RAM	44
1	1	1	–	A	690125-1	WASHER, LAMINATED	43
1	1	1	–	A	690124-1	WASHER, RAM	42
1	1	1	–	A	7-21002-9	BOLT, CRIMPER (5/16x1.00)	41
1	1	1	–	A	23241-6	BALL, STEEL	40
1	1	1	–	A	690170-1	SPRING, COMPRESSION	39
1	1	1	–	C	690142-1	DISC, INSULATION	38
1	1	1	–	D	354777-1	WIRE DISC, PLASTIC	37
1	1	1	–	A	22480-5	WASHER, SPRING	36
1	1	1	–	B	690212-1	POST, RAM	35
							34
REF	REF	REF	–	D	455675-1	PLATE, BASE	33
1	1	1	–	A	690432-3	SCREW, ADJUSTMENT	32
							31
REF	REF	REF	–	B	455689-1	BLOCK, STRIP GUIDE ADJ	30
1	1	1	–	C	458144-2	PLATE, STRIP GUIDE	29
							28
2	2	2	–	A	1-22284-0	SPRING, DRAG	27
1	1	1	–	B	240793-1	LEVER, DRAG RELEASE	26
1	1	1	–	B	240792-1	DRAG, TERMINAL	25
1	1	1	–	D	4-690440-3	GUIDE, STRIP (REAR)	24
1	1	1	–	A	690438-1	GUIDE, STRIP (FRONT)	23
–	–	1	–	B	690472-1	STRIPPER	22
REF	REF	REF	–	A	4-22284-9	SPRING, FEED RETURN	21
1	1	–	–	A	679218-1	STRIPPER WIRE STOP ASSY	20
1	1	–	–	B	458949-1	STRIPPER	19
							18
							17
1	1	1	–	B	691667-1	GUARD, CHIP, FRONT	16
							15
							14
							13
1	1	1	–	A	5-22280-0	SPRING, SHEAR	12
1	1	1	–	B	690461-1	STOP, SHEAR	11
1	1	1	–	C	690459-1	HOLDER, SHEAR (FRONT)	10
1	1	1	–	C	454276-2	SHEAR, FLOAT (FRONT)	9
1	1	1	–	C	690512-6	ANVIL	8
							7
							6
1	1	1	–	C	455889-9	DEPRESSOR, SHEAR (FRONT)	5
1	1	1	–	B	1-238011-3	SPACER, BLOCK CRIMPER	4
1	1	1	–	C	1-456135-3	CRIMPER, INSULATION	3
1	1	1	–	C	455888-1	SPACER, CRIMPER	2
1	1	1	–	C	1-456406-8	CRIMPER, WIRE	1
-4	-2	-1	U/M	DWG SIZE	PART NO	DESCRIPTION	ITEM NO

QTY REQD PER ASSY — PARTS LIST

REVISION OF EACH ASSY NO (WHEN BLANK, USE DWG REVISION)

P	F	LTR	REVISION RECORD	APP	DATE
		D	0150-6527-95, ADD-4	CE	2-96

DIMENSIONS IN INCHES.
DO NOT SCALE PRINT.
TOLERANCES UNLESS OTHERWISE SPECIFIED,
2 PLC DEC ±-
3 PLC DEC ±-
4 PLC DEC ±-
ANGLES ±-
SURF TEXTURE: √
REMOVE BURRS, BREAK SHARP EDGES R.015 MAX

MATL – | HT TR – | FIN –

DR 11-22-95 D.SALTZER | APP 2-15-96 T.ELBIN
CHK 2-15-96 C.ERISMAN | REL 2/29/96 B. MORGAN

AMP Incorporated Harrisburg, PA 17105-3608

NAME SIDE FEED HDM APPLICATOR | MACHINE REF MINI APPL

SCALE – | D | DWG NO 687925 | SHEET 1 OF 1 | REV D

687925

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