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PART NUMBER	REV	FIRST USED
687394–1	Y	–

TERMINAL NAME: .187 FASTON RECEPTACLE		
		42800
		60529
		61029
		62213
		63540
TERM APPL SPEC 114–2078		

CRIMPING DATA

PAD LTR	CRIMP HEIGHT	WIRE SIZE
A	.040 ±.002 [1.02mm±0.05mm]	16
B	.037 ±.002 [0.94mm±0.05mm]	18
C	.035 ±.002 [0.89mm±0.05mm]	20
D		

CRIMP	SIZE	TYPE	RANGE
WIRE	.140 [3.56mm]	TAB LOCK	20–16
INSUL	.140 [3.56mm]	0	.110–.170

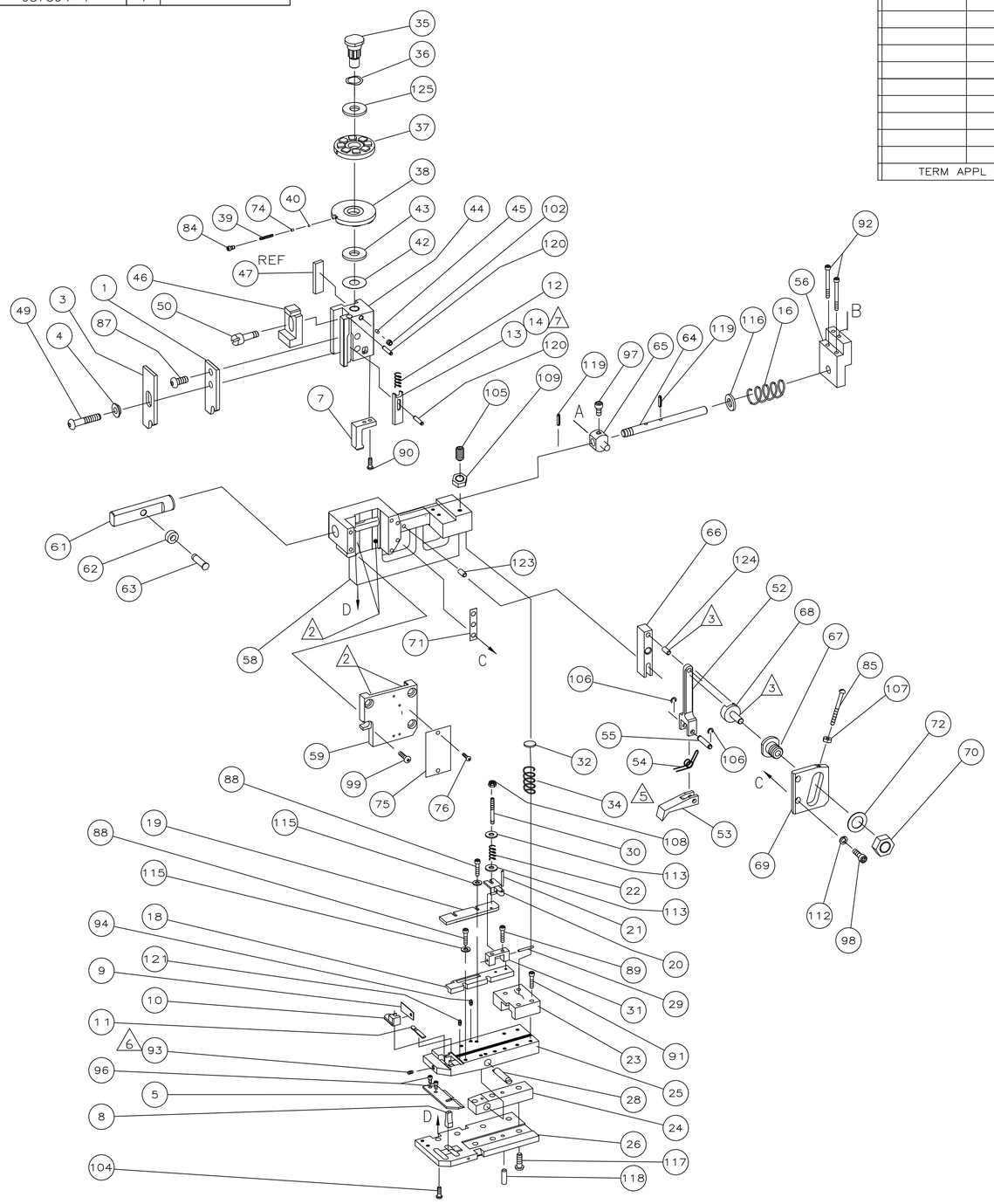
FEED	APPL INST	SET UP GAGE	LAYOUT
.510	△18031	–	–

WIRE STRIP LENGTH .173–.203

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	Y	ECR–17–013381	9–2017	RS	LZ

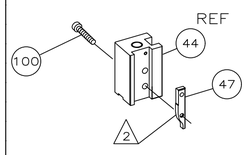
–1 LEADMAKER MECH POST FEED



					129
					128
					127
					126
					125
–	1	–	1–21030–2	PIN, DOWEL (ϕ.187X.62)	124
–	1	–	1–21030–6	PIN, DOWEL (ϕ.187X1.25)	123
					122
–	1	–	3–21028–2	PIN, SLOTTED SPRING (ϕ.094X.25)	121
–	2	–	4–21028–9	PIN, SLOTTED SPRING (ϕ.125X.38)	120
–	2	–	5–21028–1	PIN, SLOTTED SPRING (ϕ.125X.50)	119
–	1	–	21029–5	PIN, SLOTTED SPRING (ϕ.188X.75)	118
–	2	–	3–21002–4	SCREW, BHC (1/4–20X.62)	117
–	1	–	21899–4	WASHER, FLAT (5/16)	116
–	4	–	21024–4	WASHER, LOCK (#8)	115
					114
–	2	–	21899–2	WASHER, FLAT (#10)	113
–	2	–	21024–5	WASHER, LOCK (#10)	112
					111
					110
–	1	–	1–22202–7	NUT, HEX (5/16–24)	109
–	1	–	21022–3	NUT,HEX (LOCKING)(10–32)	108
–	1	–	21018–5	NUT, HEX (6–32)	107
–	2	–	21045–3	RING,RET"C"(ϕ.187)FD PIN	106
–	1	–	8–21007–5	SCREW,SKT SET(5/16–24x.75)	105
–	7	–	2–22733–8	SCREW, BHC (1/4–20X.62)	104
					103
–	1	–	21009–2	SCREW,SKT SET(1/4–20x.25)	102
					101
–	7	–	3–21000–9	SCREW, SHC (10–32X1.00)	100
–	4	–	3–21000–8	SCREW, SHC (10–32X.88)	99
–	2	–	3–21000–6	SCREW, SHC (10–32X.62)	98
–	1	–	3–21000–4	SCREW, SHC (10–32X.38)	97
–	2	–	7–21000–6	SCREW, SHC (10–32X.31)	96
					95
–	1	–	4–21006–5	SCREW, SKT SET (8–32X.25)	94
△6 –	1	–	21061–9	SCREW, SKT SET (8–32X.25)	93
–	2	–	9–21000–3	SCREW, SHC (8–32X2.00)	92
–	4	–	2–21000–9	SCREW, SHC (8–32X.75)	91
–	2	–	1–23030–1	SCREW, SHC (NYLOK)(8–32X.62)	90
–	2	–	2–21000–8	SCREW, SHC (8–32X.62)	89
–	4	–	2–22603–3	SCREW, HEX (8–32X.62)	88
–	1	–	2–21002–1	SCREW, BHC (8–32X.38)	87
					86
–	1	–	6–23715–5	SCR,PAN HD(6–32x1.50)FEED ADJ	85
–	2	–	23030–1	SCREW, SHC(NYLOK)(6–32X.25)	84
					83
					82
					81
					80
					79
					78
					77
–	2	–	21017–2	SCR,DRIVE(#2X.19)ID	76
–	1	–	461264–1	PLATE, IDENTIFICATION	75
–	1	–	690603–1	SPRING, ASSIST	74
					73
–	1	–	458109–1	WASHER, SPECIAL	72
–	1	–	690517–1	SPACER	71
–	–1	U/M	PART NO	DESCRIPTION	ITEM NO
QTY			PARTS LIST		

–	1	–	22594–8	NUT, HEX	70
–	1	–	240628–1	PLATE, ADJ	69
–	1	–	240626–1	SHAFT, PIVOT	68
–	1	–	240633–1	BUSHING	67
–	1	–	240630–1	LEVER, INTERMEDIATE	66
–	1	–	1804317–1	BLOCK, PIVOT	65
–	1	–	1633286–1	SCR, ADJ	64
–	1	–	240659–3	PIN, CAM ROLLER	63
–	1	–	240658–1	ROLER, CAM	62
–	1	–	240631–1	ROD, FEED	61
					60
–	1	–	2217626–1	CAP ASSEMBLY	59
–	1	–	2217625–1	HOUSING	58
					57
–	1	–	458361–1	GUIDE,FEED ROD	56
–	1	–	240624–1	PIN, FEED FINGER	55
–	1	–	691499–1	SPRING, FEED FINGER	54
–	1	–	454568–1	FINGER, FEED	53
–	1	–	240634–1	LEVER, TERMINAL	52
					51
–	1	–	2256119–1	SCREW, SHOULDER	50
–	1	–	3–21002–5	BOLT, CRIMPER	49
					48
–	1	–	238015–1	CAM, POST–FEED 1 5/8 ST	47
–	1	–	690578–3	BLOCK, INSULATION ADJUST	46
–	1	–	690191–1	PLUG, NYLON	45
–	1	–	2217624–1	RAM	44
–	1	–	690125–1	WASHER, LAMINATED	43
–	1	–	1–690124–1	WASHER, RAM	42
					41
–	1	–	23241–6	BALL, STEEL	40
–	1	–	690170–1	SPRING, COMPRESSION	39
–	1	–	690142–1	DISC, INSULATION	38
–	1	–	8–690692–6	WIRE DISC, PLASTIC	37
–	1	–	22480–5	WASHER, SPRING	36
–	1	–	690212–1	POST, RAM	35
△5 –	1	–	3–23846–5	SPRING, HINGE BAR	34
					33
–	1	–	690573–1	SPACER, SPRING	32
–	1	–	454569–1	MOUNT, DRAG	31
–	1	–	1–22354–8	STUD, DRAG	30
–	1	–	21030–2	PIN, MOUNT, DRAG	29
–	1	–	1633530–1	PIN, HINGE	28
–	–	–	–	–	27
–	1	–	684905–1	PLATE, BASE	26
–	1	–	454579–2	HINGE BAR	25
–	1	–	690571–1	BLOCK, STABILIZER	24
–	1	–	690585–1	BLOCK, PRESSURE	23
–	1	–	8–22282–6	SPRING, DRAG	22
–	1	–	21030–6	LEVER, DRAG	21
–	1	–	454570–1	DRAG, STOCK	20
–	1	–	454573–1	GUIDE, STRIP (REAR)	19
–	1	–	454571–3	GUIDE, STRIP (FRONT)	18
					17
–	1	–	4–22284–9	SPRING, FEED RETURN	16
					15
					14
△1 –	1	–	692134–7	POSITIONER,TERMINAL	13
–	1	–	5–22280–5	SPRING,TERM. POSITIONER	12
–	1	–	454712–3	PLATE, REAR SHEAR	11
–	1	–	454578–1	ANVIL INSERT	10
△1 –	1	–	690569–3	PLATE, FRONT SHEAR	9
–	1	–	690718–1	ANVIL	8
–	1	–	454575–1	BLADE, SLUG	7
–	–	–	–	–	6
–	1	–	684906–1	PLATE,ANVIL RETAINING	5
–	1	–	690574–1	SPACER,TUBULAR INSUL CRIMPER	4
△1 –	1	–	690715–1	CRIMPER, INSULATION	3
–	–	–	–	–	2
△1 –	1	–	690716–3	CRIMPER, WIRE	1
–	–1	U/M	PART NO	DESCRIPTION	ITEM NO
QTY			PARTS LIST		

POST–FEED 1 5/8 STROKE



△1 RECOMMENDED SPARE PARTS.

△2 GREASE LIGHTLY.

△3 LUBRICATE DAILY USING NO. 20 MACHINE OIL.

4. ONLY THE PARTS A HARDWARE LISTED ON PARTS LIST ARE USED ON THIS APPLICATOR.

△5 AFTER ASSEMBLY OF APPLICATOR, PROPER SPRING PRESSURE (ITEM 34) CAN BE OBTAINED BY TIGHTENING SET SCREW (ITEM 123) UNTIL CONTACT IS MADE WITH SPACER (ITEM 32) THEN TIGHTEN AN ADITIONAL 5 1/2 – 6 REVOLUTIONS.

△6 USE SEALANT 1–23419–5 AT ASSEMBLY.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN	C.CHEN	Feb–2009
CHK	S.XI	Feb–2009
APVD	N.DEMING	Feb–2009
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	0	

TE Connectivity

NAME: END FEED HINGE BAR APPLICATOR – –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C–687394–1	–

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 1 | REV Y