

8				7													
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PART NUMBER		REV	FIRST USED		POWER UNIT												
1855653-1		B	122500-1		LEADMAKER/BENCH MODEL G (1-5/8")												
1855653-2		B	565435-5		BENCH MODEL K (1-1/8")												
1855653-3		B	KOMAX		KOMAX (1-5/8")												
TERMINAL NAME: .187 ULTRA-POD FASTON RECEPTACLE																	
521293		-	AMP TERMINAL - AMP CRIMP SPECS														
521586		-															
521995		-	PAD LTR	CRIMP HEIGHT						WIRE SIZE							
-		-	A3	.071±.002						14							
-		-	B2	.066±.002						(2)18							
-		-	C0	.062±.002						16							
-		-	C5	.059±.002						(2)20							
-		-	D1	.057±.002						18							
-		-	CRIMP		SIZE				TYPE		RANGE						
-		-	WIRE		.110				F		18-14						
			INSUL		.190				F		Ø.090-.130 OR (2) .105 MAX						
WIRE STRIP LENGTH		TERM APPL SPEC				FEED		APPL INSTRUCTIONS				SET UP GAGE		LAYOUT			
.156-.172		114-2124				.770		A1 408-8095 & 8098				-		-			

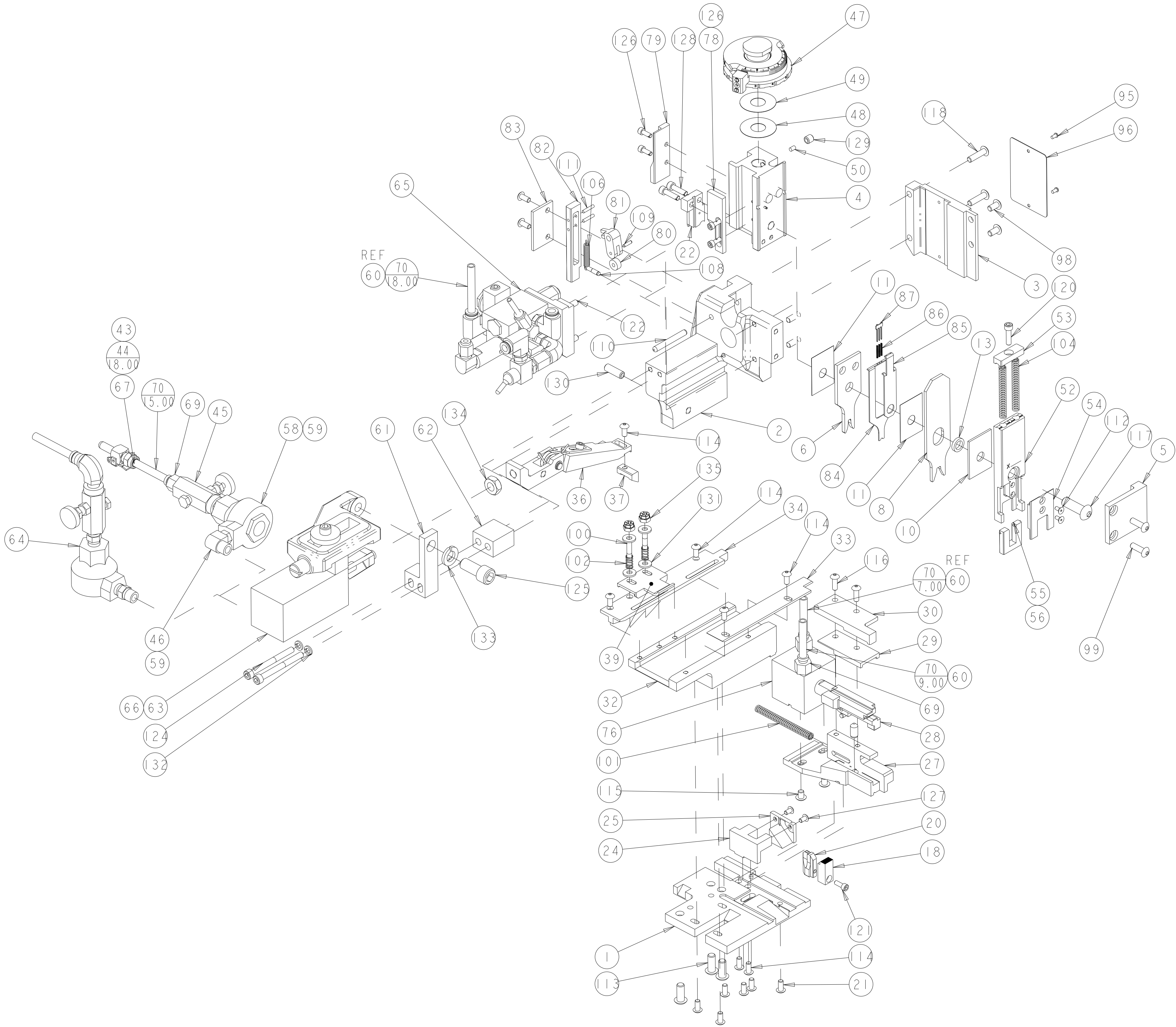
*WARNING: ON INSTALLATION, SET WIRE DISC TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MIN REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING

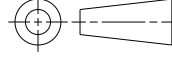
- ⚠ RECOMMENDED SPARE PARTS.
- ⚠ ITEM NOT SHOWN. (SEE A.1. SHEET 8095)
- ⚠ CUTTING TOLERANCE ±.25
4. SPRING LOADED TONKER (P/N 354853-1) MUST BE USED WHEN RUNNING THE APPLICATOR ON A CLS.
- ⚠ CAN NOT RUN (2) 18 AWG OR (2) 20 WIRE ON CLS.

2	2	2	-	21021-3	NUT, HEX, SELF-LOCKING, 8-32	135
1	1	1	-	1-21018-6	NUT, HEX, REG 5/16-24	134
1	1	1	-	21024-8	WASHER, SPRG LOCK, REG 3/8	133
2	2	2	-	21024-5	WASHER, SPRG LOCK, REG NO 10	132
4	4	4	-	1-21899-3	WASHER, FLAT	131
1	1	1	-	21009-8	SCR, SET, SELF LOCKING 1/4-20 X .250	130
1	1	1	-	21009-2	SCR, SET, SELF LOCKING 1/4-20 X .250	129
2	2	2	-	1-23030-1	SCR, SKT HD CAP, S-LOCK, 8-32 X .625	128
2	2	2	-	22733-3	SCR, BHSC, SELF-LOCKING, 6-32 X .250	127
4	4	4	-	23030-2	SCR, SKT HD CAP, S-LOCK, 6-32 X .375	126
1	1	1	-	3-21001-4	SCR, SKT HD CAP 3/8-16 X .875	125
2	2	2	-	4-21000-3	SCR, SKT HD CAP 10-32 X 2.000	124
2	2	2	-	3-21000-7	SCR, SKT HD CAP 10-32 X .750	122
-	1	1	-	1-21000-9	SCR, SKT HD CAP 6-32 X .375	121
-	1	1	-	2-21000-8	SCR, SKT HD CAP 8-32 X .625	120
4	2	2	-	2-21002-9	SCR, BTN SKT HD CAP 10-32 X .750	118
1	1	1	-	7-21002-9	SCR, BTN SKT HD CAP 5/16-24 X 1.00	117
2	2	2	-	2-21002-2	SCR, BTN SKT HD CAP 8-32 X .500	116
2	2	2	-	6-21002-1	SCR, BTN SKT HD CAP 10-24 X .250	115
14	14	14	-	2-21002-1	SCR, BTN SKT HD CAP 8-32 X .375	114
3	3	3	-	2-22733-8	SCR, BHSC, SELF-LOCKING, 1/4-20 X .625	113
-	2	2	-	1-21003-3	SCR, FLT SKT HD CAP 4-40 X .250	112
2	2	2	-	852521-1	PIN, MODIFIED DOWEL	111
1	1	1	-	1-21030-7	PIN, DOWEL .1875 X 1.500	110
1	1	1	-	1-21919-1	PIN, DOWEL .0938 X .375	109
1	1	1	-	1-22183-7	PIN, GROOVED, TYPE 67	108
1	1	1	-	2-22286-2	SPRING, EXTENSION	106
-	4	4	-	7-22280-3	SPRING, COMPRESSION	104
2	2	2	-	22280-2	SPRING, COMPRESSION	102
1	1	1	-	1-23470-7	SPRING, COMPRESSION	101
2	2	2	-	22354-6	STUD, THREADED	100
-	2	2	-	2-21002-8	SCR, BTN SKT HD CAP 10-32 X .625	99
-	2	2	-	2-21002-6	SCR, BTN SKT HD CAP 10-32 X .375	98
1	1	1	-	461264-5	PLATE, IDENTIFICATION	96
2	2	2	-	21017-2	SCREW, DRIVE	95
-	-	REF	-	679532-1	INSERT, GUARD	⚠ 93
-	1	-	-	455755-8	ASSEMBLY, GUARD	⚠ 92
1	-	-	-	1633303-1	HOLDER, STABILIZER	91
1	-	-	-	3-238009-7	BLOCK, FL CRIMPER SPACER	90
1	-	-	-	1633289-2	STABILIZER	89
1	-	-	-	1-21002-3	SCR, BTN SKT HD CAP 4-40 X .250	88
1	1	1	-	1424350-1	HOLDER, PIN, WIRED	87
3	3	3	-	2-23147-2	SPRING, COMPRESSION	86
1	1	1	-	1490524-2	DEPRESSOR, SPACER	85
1	1	1	-	1490525-2	DEPRESSOR, WIRE	84
1	1	1	-	852287-1	PLATE, RETAINER	83
1	1	1	-	852286-1	LATCH, INSERT	82
1	1	1	-	852284-1	ARM, LATCH	81
1	1	1	-	852281-2	ROLLER	80
1	1	1	-	852245-2	CAM, INSERT	79
1	1	1	-	852246-1	CAM, VALVE	78
1	1	1	-	354993-1	CYLINDER, MODIFIED, .187	76
-	1	-	-	26108-1	BODY, QUICK CONNECT	⚠ 75

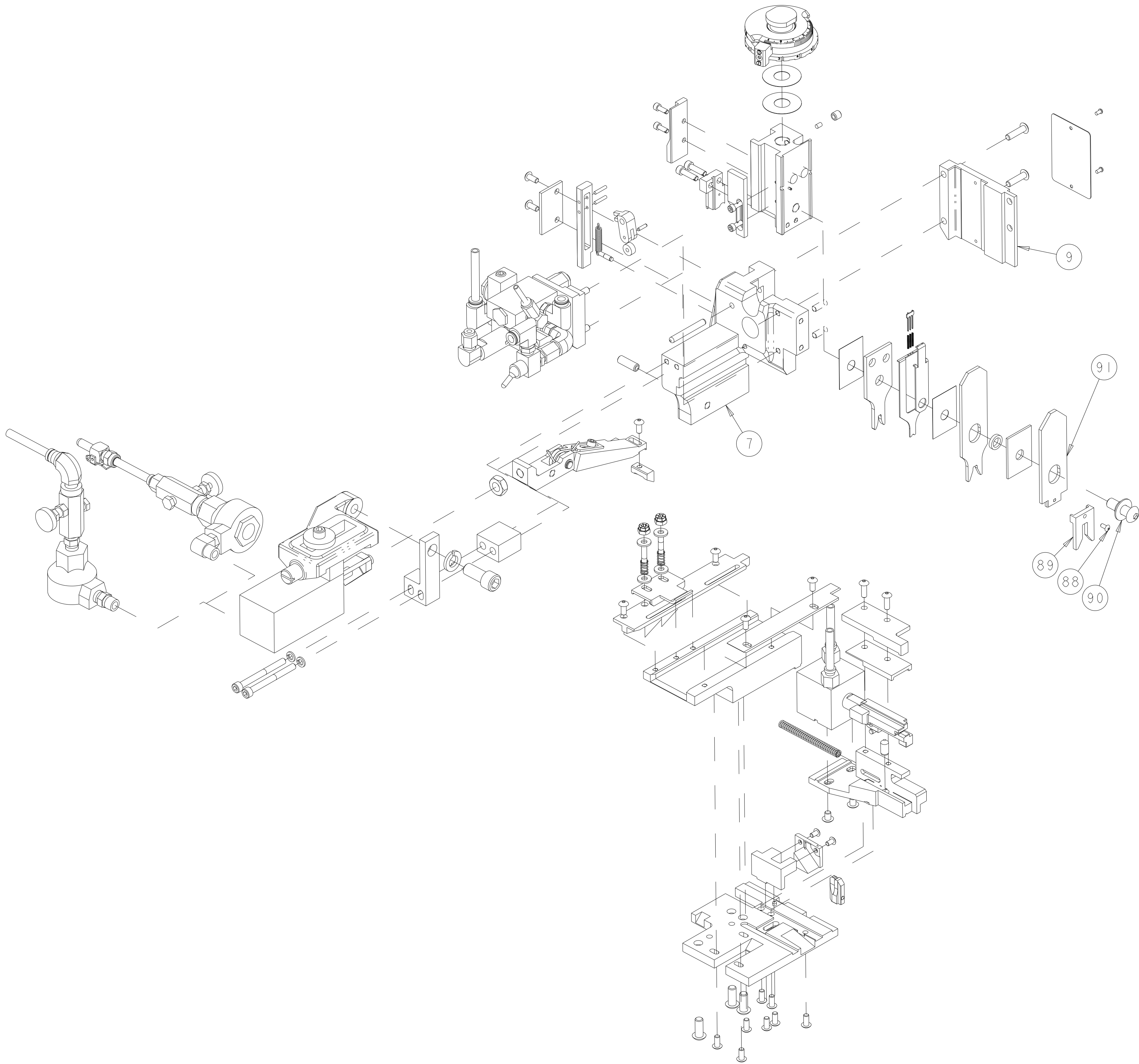
OBSOLETE		SUPERSEDED BY 1855653-1		LOC		DIST		REVISIONS						
				P	LTR	DESCRIPTION	DATE	DWN	APVD					
										A	RELEASED	25AUG2011	RK	GB
										B	ECR-20-011175	06AUG2020	JWC	GB
BI	REVISED PER ECR-23-190096	18OCT2023	GK	TE										
-		I	-	-	23791-2	TEE, FEMALE BRANCH					2	74		
-	2	-	-	-	22311-2	NIPPLE					2	73		
-		I	-	-	28580-1	FILTER, MINITURE					2	72		
-		I	-	-	28582-1	LUBRICATOR					2	71		
80	68	68	IN	-	27319-4	TUBING, POLY-FLO, NATURAL					3	70		
3	2	2	-	-	980282-3	CONNECTOR MALE						69		
-		I	-	-	22307-1	BUSHING, PIPE FITTING					2	68		
2		I	2	-	23238-1	INSERT, COUPLING						67		
-	-	I	-	-	980285-2	ELBOW, MALE SWIVEL 1/8NPT x .25						66		
		I	I	-	354385-4	PNEUM ASSEMBLY						65		
-		I	-	-	692655-5	AIR FEED VALVE ASSEMBLY					2	64		
		I	I	-	852289-1	AIR FEED ASS'Y						63		
		I	-	-	461690-1	SPACER, AIR FEED						62		
		I	I	-	459610-3	MOUNT, FEED BRACKET						61		
		I	I	-	19832-1	TIE WIRE						60		
2	-	I	-	-	22304-1	NIPPLE, HEX, PIPE FITTING					2	59		
	-	I	-	-	22374-7	VALVE, QUICK EXHAUST					2	58		
-		I	-	-	1-1338042-1	DEPRESSOR, WIRE						56		
-	-	I	-	-	1-1338042-0	DEPRESSOR, WIRE						55		
-		I	-	-	1338045-1	PLATE, DEPRESSOR						54		
-		I	-	-	1338043-1	CAP, DEPRESSOR						53		
-		I	-	-	1338044-1	DEPRESSOR, WIRE						52		
		I	I	-	690191-1	PLUG, NYLON						50		
		I	I	-	690125-1	SHIM SUB-ASSY						49		
		I	I	-	469367-1	SHIM						48		
		I	I	-	879103-3	FINE ADJUST HEAD SUBASSY						47		
	-	-	-	-	22306-1	ELBOW, STREET, 90° 1/8 NPT						46		
	-	-	-	-	23054-1	VALVE, FLOW CONTROL						45		
18	-	-	-	-	27319-8	TUBING, POLY-FLOW .156 O.D.						44		
	-	-	-	-	1424324-1	AIR LINE KIT, .250 TO 4mm						43		
		I	I	-	852251-2	- DRAG						39		
		I	I	-	853521-1	PAWL, FEED						37		
		I	I	-	461062-6	FEED FINGER ASSEMBLY						36		
		I	I	-	679158-1	GUIDE, REAR STRIP						34		
		I	I	-	679157-1	GUIDE, FRONT STRIP						33		
		I	I	-	1338060-1	PLATE, STRIP GUIDE						32		
		I	I	-	1338955-1	HOLD DOWN, FIXED						30		
		I	I	-	90777-1	GIB, HOUSING						29		
		I	I	-	318197-3	INSERTOR, POD						28		
		I	I	-	90775-1	HOUSING, INSERT SLIDE						27		
		I	I	-	853515-1	SHEAR, RIGHT					1	25		
		I	I	-	314864-1	SHEAR, LEFT					1	24		
		I	I	-	853516-1	ASSEMBLY, SLUG BLADE					1	22		
		I	I	-	22733-8	SCR, BHSC, SELF-LOCKING, 8-32 X .375						21		
		I	I	-	1-1338056-4	ANVIL, COMBINATION					1	20		
-		I	I	-	1338041-6	SUPPORT, WIRE, LOWER						18		
		I	I	-	238011-4	BLOCK, CRIMPER SPACER						13		
2	2	2	-	-	455888-1	SPACER, CRIMPER						11		
		I	I	-	1-455888-5	SPACER, CRIMPER						10		
	-	-	..	..	454220-1	CAP, RAM						9		
		I	I	-	3-679440-8	CRIMPER, INSULATION F					1	8		
	-	-	..	..	852221-2	HOUSING, APPLICATOR						7		
		I	I	-	6-1490019-7	CRIMPER, WIRE PREMIUM					1	6		
-		I	I	-	1673936-2	RAM CAP PLATE						5		
-		I	I	-	856287-3	RAM, 250 STRAIGHT						4		
-		I	I	-	1424388-2	CAP, RAM						3		
-		I	I	-	1424387-1	HOUSING, APPLICATOR						2		
-		I	I	-	1424368-1	PLATE, BASE						1		
-3	-2	-1	U/M	PART NO	DESCRIPTION						ITEM NO			

LOC		DIST		REVISIONS				
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-	-	SEE SHEET 1	-	-	-	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.KNEPPER 25AUG2011	 TE Connectivity	
		CHK G.BAILEY 25AUG2011		
DIMENSIONS:		APVD M.CLIFFORD 25AUG2011	NAME FINE ADJUST .187 STRAIGHT ULTRA-POD APPLICATOR	
IN		PRODUCT SPEC		
		APPLICATION SPEC	SIZE A1 CAGE CODE 00779 DRAWING NO. 1855653	
		APPLICATOR SPEC		
MATERIAL		WEIGHT	CUSTOMER ACCESSIBLE PRODUCTION DRAWING	
		SCALE 1:2	SHEET 2 OF 3	
			REV B	

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A	66	-		SEE SHEET 1	-	-	-



-3 ASSEMBLY ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.KNEPPER 25AUG2011	TE Connectivity FINE ADJUST .187 STRAIGHT ULTRA-POD APPLICATOR			
DIMENSIONS:		CHK G.BAILEY 25AUG2011				
IN		APVD M.CLIFFORD 25AUG2011	NAME			
		PRODUCT SPEC	SIZE			
		APPLICATION SPEC	CAGE CODE			
MATERIAL		WEIGHT	DRAWING NO			
-		-	A100779C=1855653			
CUSTOMER ACCESSIBLE PRODUCTION DRAWING		SCALE 1:2	SHEET 3 OF 3		REV B	