

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	CONVERT TO	PART NUMBERS REQUIRED					
	2151661-2	F	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	-	-	-	-	-	-	-
	2151661-5	F	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE	SERVO LATCH PLATE	2119951-1	8-2151661-5	1901094-3	2-1752354-4	2168400-6 (QUANTITY 2)	-
	2151661-6	F	NON-CRIMP HEIGHT ADJUST	SERVO LATCH PLATE	PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-1	2119799-1	2063440-1
	2151661-7	F	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-
	7-2151661-7	F	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.54 mm [.100]	F
INSUL	4.19 mm [.165]	O

APPLICATOR INSTRUCTIONS 408-10389

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: JPT LITEALUM CONTACT, SWS			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.20-4.80 mm [.165-.189 IN]		Ø2.88-3.04 mm [.113-.120 IN]	
TERMINAL APPLICATION SPECIFICATION	114-94204		
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL
2-2208043-1		963292-1	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.50mm ²	1.56 +/- 0.04 [.0614 +/- .0016]	7.5

- 1 RECOMMENDED SPARE PARTS
- 2 GREASE BEARING SURFACES LIGHTLY
- 3 LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- 4 APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
 PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151661-4
 SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151661-5
 SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151661-6
- 5 ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.
- 6 APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 62,180
 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 242.
 FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 37.
- 7 GREASE THREADS, GROOVE AND O-RING ON ITEMS 35 & 252.
- 8 MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
- 9 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
- 10 TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED.
- 11 TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON THE BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- 12 WHEN ASSEMBLING -6 NON-CRIMP HEIGHT ADJUST APPLICATOR USE SHIM PACK 2119957-2 TO ALIGN APPLICATOR'S MAXIMUM WIRE CRIMP HEIGHT AT NORMAL TERMINATOR SHUT HEIGHT
- 13 THIS APPLICATOR APPLIES TERMINAL WITH A SEAL. INSULATION DIAMETER IS 2.0-2.7mm.
- 14 APPLY TORO-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.

***WARNING**
 ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

-77	-7	-6	-5	-2	PART NO	DESCRIPTION	ITEM NO
-	-	1	-	-	2119957-2	APPLICATOR SHIM PACK	260
-	1	-	1	1	8-21084-0	O-RING, .676 ID, .070 DIA. MAT.	252
-	-	-	-	1	2119640-1	PUSH ROD, AIR FEED	250

ATLANTIC VERSION
 Shown on sheets 1 of 4 & 2 of 4
 (Pacific version shown on sheets 3 of 4 & 4 of 4)

SET UP GAUGE	LOC	DIST	REVISIONS					
2119599-1	A	66	P	LTN	DESCRIPTION	DATE	OWN	APVD
			F		ECR-15-015265	19OCT2015	MR	JDG

-	-	-	-	1	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	-	-	-	1	2119641-1	FEED CAM, AIR FEED	248
-	1	-	1	1	2119798-1	DETENT PIN	247
-	1	-	1	1	1-22279-3	SPRING, COMPRESSION	246
-	-	1	-	-	2119758-1	RAM, AMP STYLE, SIDE FEED, NON-ADJ.	245
-	1	1	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
6	-	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	2	2	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240
-	-	-	-	1	2063440-1	AIR FEED MODULE	238
-	-	1	1	-	2119740-2	TAG, IDENTIFICATION	213
-	-	1	1	-	1901094-3	SPACER, FEEDER	198
6	-	1	1	1	2-1752354-4	STANDOFF, HOLD-DOWN	180
-	1	1	1	1	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
-	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1	1	1752353-2	GUIDE PIN, HOLDDOWN	175
-	1	1	1	1	1901680-2	GUIDE PIN, HOLDDOWN	174
-	-	-	-	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
8	-	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	-	1	240638-1	SPRING, FEED FINGER	163
-	-	-	-	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	-	-	1	2119799-1	HOLDER, FEED FINGER, AF	136
-	-	REF	REF	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	1	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	-	REF	REF	-	2119944-1	FEED FINGER ASSEMBLY, SF	117
-	1	1	1	1	455888-2	SPACER, CRIMPER	82
-	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	1	-	-	1	2119740-1	TAG, IDENTIFICATION	67
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	-	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT	63
6	-	3	-	3	992763-5	SCR, SET, SOC, CONE POINT, M3 X 4.0	62
-	1	1	1	1	2079383-4	SCR, BHSC, RoHS (M4 X 8)	60
-	-	-	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
14	-	1	1	1	985575-3	SCR, FLT SKT HD CAP M3 X 10.0	57
-	-	-	-	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	54
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51
-	-	-	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	1	1	1	1	2-2119656-3	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	-	1	1	2119370-1	RAM, AMP STYLE, SIDE FEED	44
-	1	1	1	1	2079383-7	SCR, BHSC, RoHS (M8 X 25)	41
-	1	-	1	1	2119645-1	DISC, NUMBERED FA WIRE ADJUSTMENT	40
-	1	-	1	1	2119957-1	APPLICATOR SHIM PACK	39
-	1	1	1	1	2119644-2	RAM WASHER, PRECISION	38
6	-	1	1	1	2119085-1	FA HEAD, ATLANTIC STYLE	37
1	-	1	-	1	2119092-1	BOLT, ADJUSTMENT	35
-	1	1	1	1	1752356-4	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	1	1	1	1	2161328-1	HEX HEAD, FLANGED, M5 X 8mm LONG	32
-	1	1	1	1	1-1320908-0	SPACER, STRIP GUIDE	30
-	1	1	1	1	2119959-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	455888-3	SPACER, CRIMPER	28
-	1	1	1	1	1320928-2	STRIP GUIDE	24
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	690472-2	STRIPPER	19
1	-	1	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1-356885-4	STOP, SHEAR	11
1	-	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1	318707-1	FLOATING SHEAR, FRONT	9
1	1	1	1	1	1803318-1	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119781-5	DEPRESSOR, SHEAR	5
-	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	1	1	1	1	1633996-3	CRIMPER, INSULATION SPECIAL	3
-	1	1	1	1	1-455888-0	SPACER, CRIMPER	2
1	1	1	1	1	456407-5	CRIMPER, WIRE PREMIUM	1

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG		CHK		NAME	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	5 PLC ±	6 PLC ±	Y. YIN	16MAY2012
	ANGLES ±	FINISH ±						G. BAILEY	16MAY2012
MATERIAL								S. XI	16MAY2012
								PRODUCT SPEC	
								APPLICATION SPEC	
								SIZE	CAGE CODE
								A1	00779
								Customer Accessible Production Drawing	SCALE 1:2
								SHEET 1	OF 4
								REV	F

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART						
					CONVERT TO	PART NUMBERS REQUIRED					
	2-2151661-2	F	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	SERVO LATCH PLATE	2119951-1	-	8-2151661-5	1901094-3	2-1752354-4	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151661-4	-	-	-
	2-2151661-5	F	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE	PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1
					-	-	-	-	-	-	-
2-2151661-7	F	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-	
7-2151661-7	F	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-	

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.54 mm [.100]	F
INSUL	4.19 mm [.165]	O
APPLICATOR INSTRUCTIONS 408-10389		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: JPT LITEALUM CONTACT, SWS			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.20-4.80 mm [.165-.189 IN]		Ø2.88-3.04 mm [.113-.120 IN]	
TERMINAL APPLICATION SPECIFICATION	114-94204	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL
2-2208043-1		963292-1	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.50mm2	1.56 +/- 0.04 [.0614 +/- .0016]	7.5

- RECOMMENDED SPARE PARTS
- GREASE BEARING SURFACES LIGHTLY
- 3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
 PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151661-4
 SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151661-5
- 5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.
- APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 62,180
 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 242.
- GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.
- MAGNET MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
- CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
- TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED.
- TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- THIS APPLICATOR APPLIES TERMINAL WITH A SEAL. INSULATION DIAMETER IS 2.0-2.7mm.
- APPLY TORO-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.

***WARNING**
 ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

-77	-27	-25	-22	PART NO	DESCRIPTION	ITEM NO
-	1	1	1	2119782-1	FINE ADJUST HEAD ASM, PACIFIC STYLE	251

PACIFIC VERSION
 Shown on sheets 3 of 4 & 4 of 4
 (Atlantic version shown on sheets 1 of 4 & 2 of 4)

SET UP GAUGE	LOC	DIST	REVISIONS					
2119599-1	A	66	P	LYN	DESCRIPTION	DATE	OWN	APVD
			-		SEE SHEET 1	-	-	-

-	-	-	1	2119640-1	PUSH ROD, AIR FEED			250
-	-	-	1	2079988-1	BUSHING, LCH5-12, MISUMI			249
-	1	1	1	1-22279-3	SPRING, COMPRESSION			246
-	1	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT			244
-	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST			243
	1	1	1	2119083-1	RETAINER, INSULATION DIAL			242
-	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0			241
-	-	2	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16			240
-	-	-	1	2063440-1	AIR FEED MODULE			238
-	-	-	1	2119740-2	TAG IDENTIFICATION			213
	-	-	1	1901094-3	SPACER, FEEDER			198
	1	1	1	2-1752354-4	STANDOFF, HOLD-DOWN			180
-	1	1	1	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0			177
-	1	1	1	8-22280-7	SPRING, COMPRESSION			176
-	1	1	1	1752353-2	GUIDE PIN, HOLDDOWN			175
-	1	1	1	1901680-2	GUIDE PIN, HOLDDOWN			174
-	-	-	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT			172
-	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY			166
-	REF	REF	REF	994970-2	COUNTER, MAGNETIC			164
-	-	-	1	240638-1	SPRING, FEED FINGER			163
-	1	1	1	8-21084-1	O-RING, .801 ID, .070 DIA, MAT.			152
-	-	-	1	2119641-2	FEED CAM, AIR FEED			151
-	1	1	1	2119798-2	DETENT PIN			145
-	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)			144
-	4	4	4	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20			143
-	1	1	1	2-2119656-4	APPLICATOR BASIC ASSEMBLY, SF			141
-	1	1	1	2119650-1	RAM, ASIAN STYLE, SIDE FEED			140
-	1	1	1	2119092-2	BOLT, ADJUSTMENT			139
-	-	-	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854			137
-	-	-	1	2119799-1	HOLDER, FEED FINGER, AF			136
-	-	REF	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED			135
-	-	-	1	1633743-1	SERVO FEED LATCH ASM			133
-	1	1	1	1-18028-2	WASHER, FLAT, REG M4			119
-	-	REF	-	2119944-1	FEED FINGER ASSEMBLY, SF			117
-	1	1	1	455888-2	SPACER, CRIMPER			82
-	1	1	1	2119956-1	DOCUMENTATION PACKAGE			71
-	1	-	1	2119740-1	TAG IDENTIFICATION			67
-	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188			66
	1	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT			63
	3	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 X 4.0			62
	-	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0			59
	1	1	1	985575-3	SCR, FLT SKT HD CAP M3 X 10.0			57
-	-	-	1	1338685-1	PAWL, FEED			56
-	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5			52
-	1	1	1	1901681-1	HOLDDOWN, TERMINAL			51
-	-	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0			49
-	1	1	1	2079383-7	SCR, BHSC, RoHS (M8 X 25)			41
-	1	1	1	2119645-1	DISC, NUMBERED FA WIRE ADJUSTMENT			40
-	1	1	1	2119957-1	APPLICATOR SHIM PACK			39
-	1	1	1	2119644-2	RAM WASHER, PRECISION			38
-	1	1	1	1752356-4	SUPPORT, TERMINAL			34
-	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)			33
-	1	1	1	2161328-1	HEX HEAD, FLANGED, M5 X 8mm LONG			32
-	1	1	1	1-1320908-0	SPACER, STRIP GUIDE			30
-	1	1	1	2119959-1	ASSEMBLY, STRIP GUIDE			29
-	1	1	1	455888-3	SPACER, CRIMPER			28
-	1	1	1	1320928-2	STRIP GUIDE			24
-	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0			21
-	1	1	1	1-18028-2	WASHER, FLAT, REG M4			20
-	1	1	1	690472-2	STRIPPER			19
	1	1	1	2119806-1	INSERT, SHEAR			13
-	1	1	1	3-22280-3	SPRING, COMPRESSION			12
-	1	1	1	1-356885-4	STOP, SHEAR			11
	1	1	1	2119805-1	SHEAR HOLDER, FRONT			10
	1	1	1	318707-1	FLOATING SHEAR, FRONT			9
	1	1	1	1803318-1	ANVIL, COMBINATION			8
-	-	-	-	-	-			7
-	-	-	-	-	-			6
-	1	1	1	2119781-5	DEPRESSOR, SHEAR			5
-	1	1	1	238011-4	BLOCK, CRIMPER SPACER			4
	1	1	1	1633996-3	CRIMPER, INSULATION SPECIAL			3
-	1	1	1	1-455888-0	SPACER, CRIMPER			2
	1	1	1	456407-5	CRIMPER, WIRE PREMIUM			1

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DATE		NAME	
mm	0 PLC ±	1 PLC ±	2 PLC ±	16MAY2012	Y. LYN	16MAY2012	TE Connectivity
	3 PLC ±	4 PLC ±	ANGLES ±	CHK	G. BAILEY	16MAY2012	Harrisburg, PA 17105-3608
MATERIAL	FINISH	WEIGHT	SCALE	APVD	S. XI	16MAY2012	Ocean Side Feed Applicator
			1:2	PRODUCT SPEC			
				APPLICATION SPEC			
				SIZE	A1	00779	©=2151661
				RESTRICTED TO			
				Customer Accessible Production Drawing			

