

8		7	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151925-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151925-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
5-2151925-1	C	SEAL STRIPPER CRIMPER TERMINATING UNIT	MECHANICAL
5-2151925-2	C	SEAL STRIPPER CRIMPER TERMINATING UNIT	PNEUMATIC
7-2151925-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151925-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151925-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	1.40 mm [.055]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: JST TERMINAL		JST CRIMP SPECIFICATION	
TERMINAL NAME: TERMINAL			
WIRE STRIP LENGTH 2.36-3.17 mm [.093-.125 IN]		INSULATION DIAMETER RANGE Ø0.90-1.50 mm [.035-.059 IN]	
TERMINAL APPLICATION SPECIFICATION	JST SPEC	-	-
TERMINALS APPLIED 			
TE TERMINAL	JST TERMINAL	TE TERMINAL	JST TERMINAL
1832519-2	SPHD-002T-P0.5		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
24 AWG	0.645+/-0.025 [.025+/- .001]	8.9
26 AWG	0.625+/-0.025 [.025+/- .001]	9.2
28 AWG	0.575+/-0.025 [.023+/- .001]	9.7



- 1

RECOMMENDED SPARE PARTS
- 2

REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3

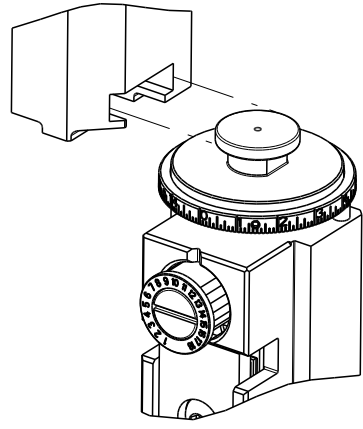
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
PLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180.
- 4

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.
- 5

TERMINAL LUBRICANT IS RECOMMENDED.
6.

UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

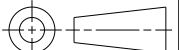
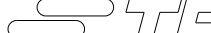
ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



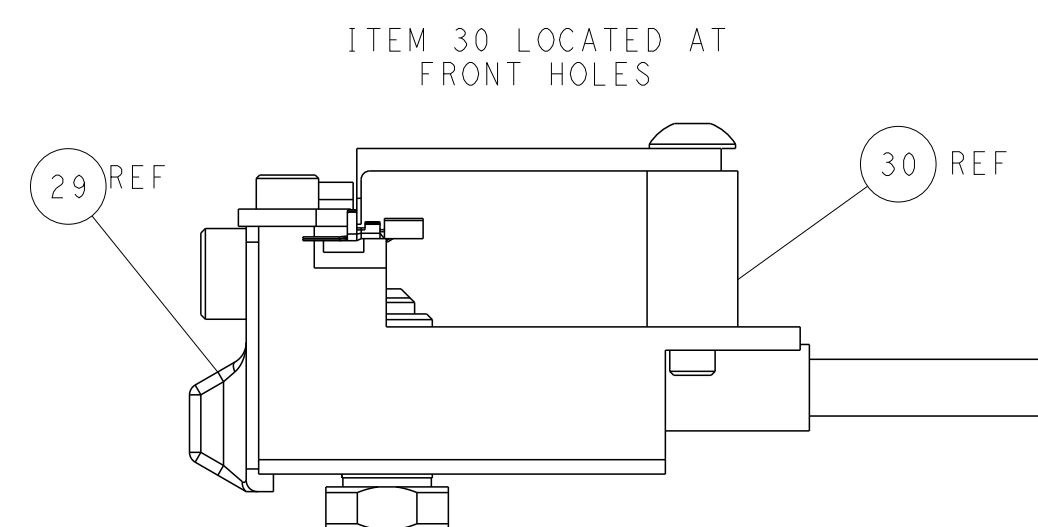
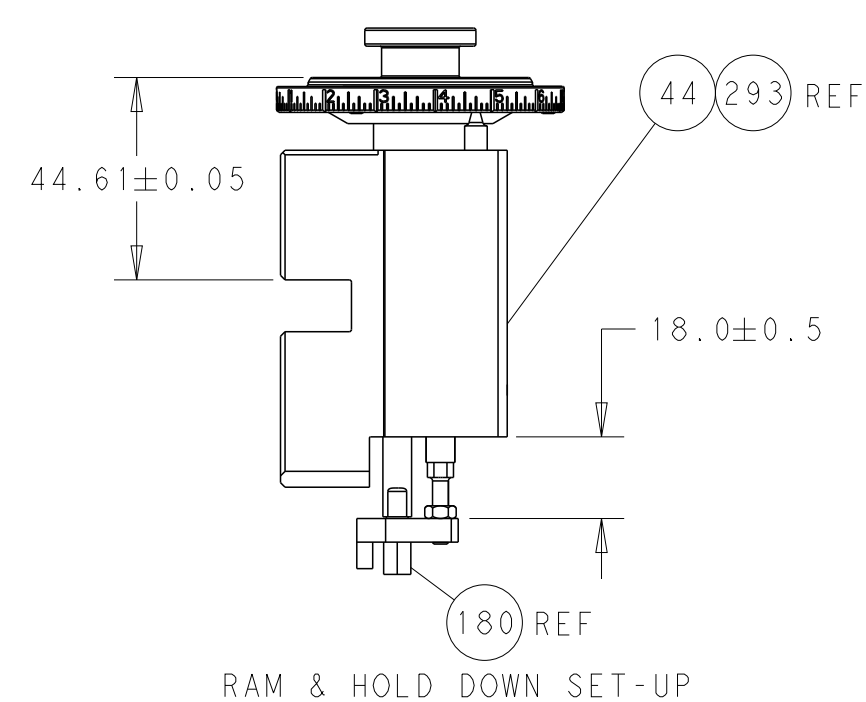
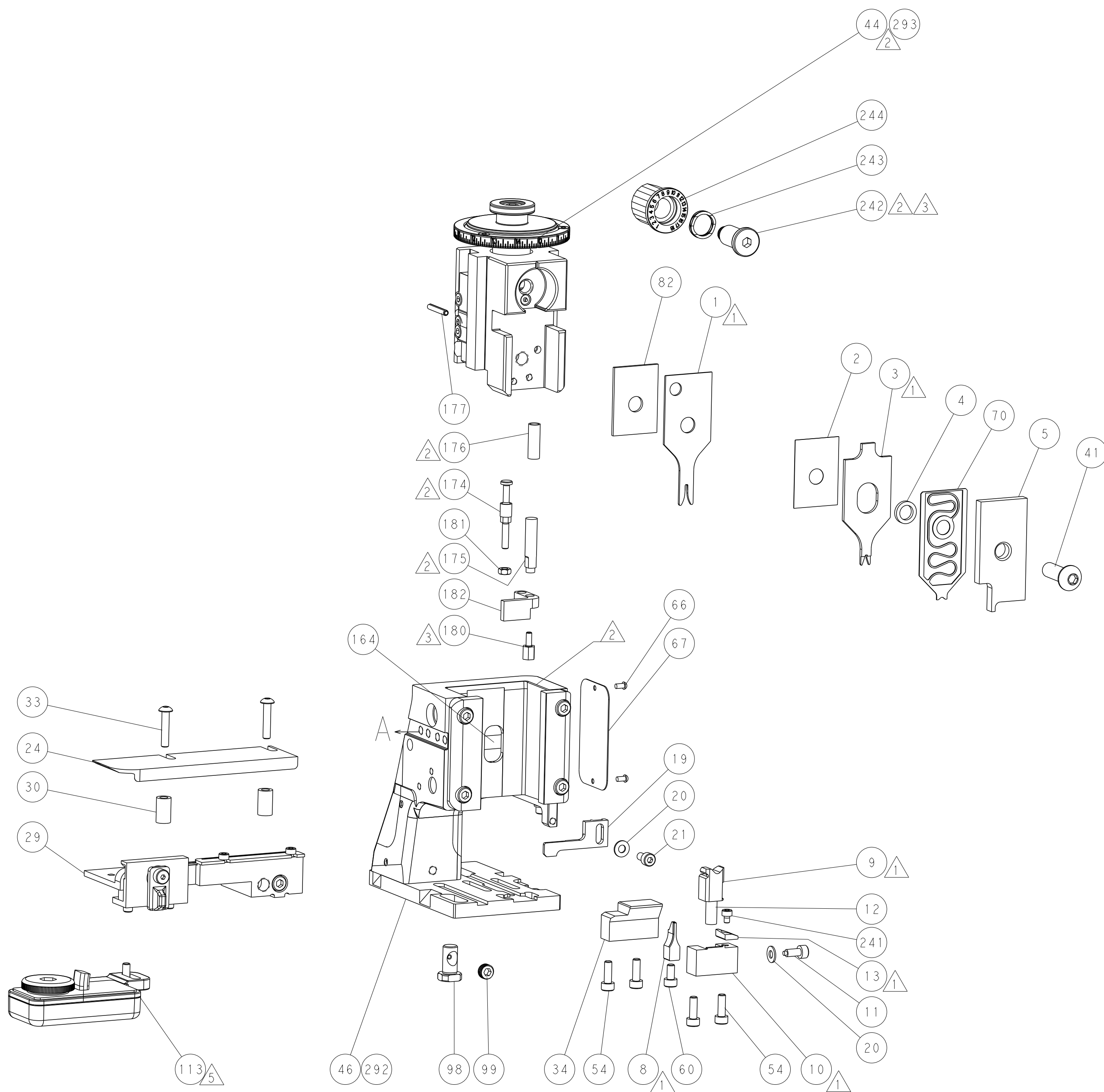
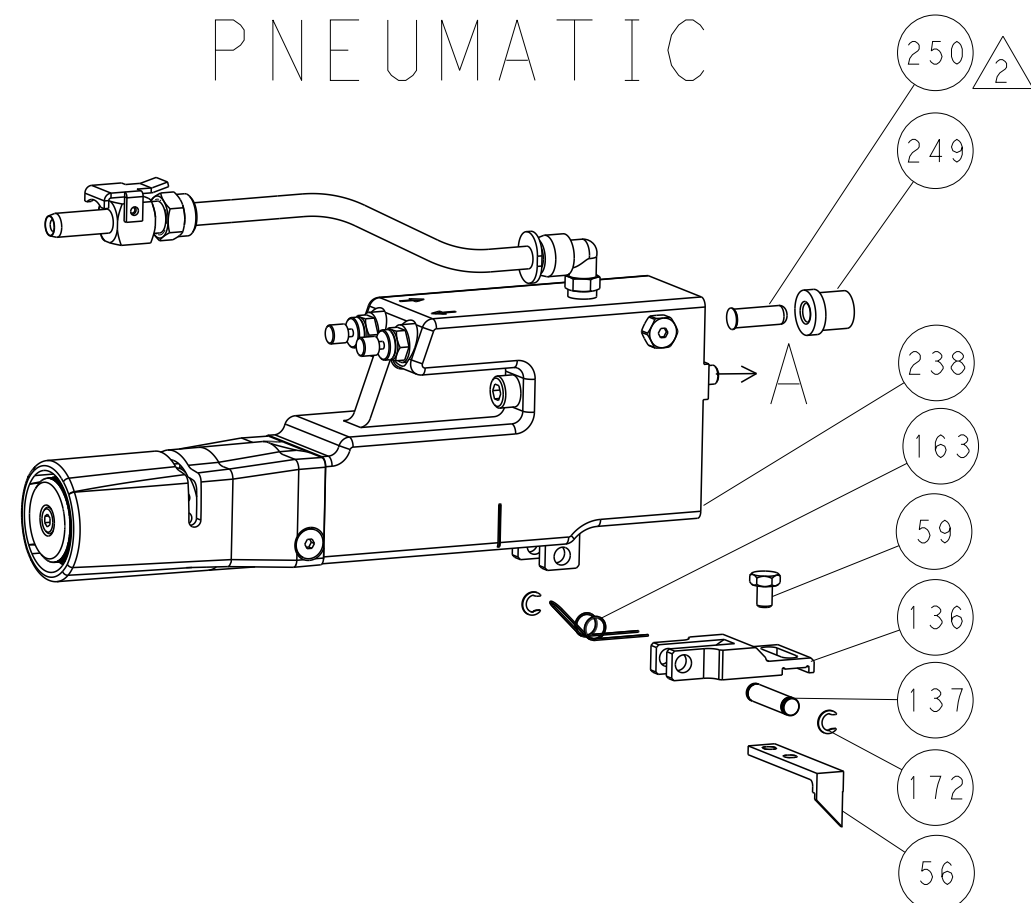
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

2		1					
LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED	03JUN2013	CC	TE
		B		ECR-18-014280	10SEP2018	TB	TE
		C		ECR-19-004567	21MAR2019	TB	GB

-	-	-	1	1	-	-	1803515-3	RAM ASSEMBLY, SF ATLANTIC	293
-	-	-	1	1	-	-	2-1803583-1	APPLICATOR BASIC ASSEMBLY, SF	292
-	1	-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	1	-	1	-	1803259-1	BUSHING, FLANGED	249
-	1	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	1	1	2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	1	-	2063440-1	AIR FEED MODULE	238
-	1	1	1	1	1	1	1-1901681-3	HOLDDOWN, TERMINAL	182
-	1	1	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	181
-	1	1	1	1	1	1	1-1752354-3	STANDOFF,HOLD-DOWN	180
-	1	1	1	1	1	1	9931111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
-	1	1	1	1	1	1	5-22280-0	SPRING, COMPRESSION	176
-	1	1	1	1	1	1	1752353-3	GUIDE PIN,HOLDDOWN	175
-	1	1	1	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	2	-	2	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	1	-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	-	1	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	-	1	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	1	1	1	1	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
-	1	1	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	1	1	1-455888-5	SPACER, CRIMPER	82
-	1	1	1	1	1	1	1803607-1	DOCUMENTATION PACKAGE	71
-	1	1	1	1	1	1	2119791-5	DEPRESSOR, WIRE	70
-	1	1	1	1	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	1	1	1	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	1	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	1	2	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48
-	-	1	-	1	-	1	2119653-1	FEED CAM, POST FEED	47
-	1	1	-	-	1	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	1	-	-	1	1	1803515-3	RAM ASSEMBLY, SF ATLANTIC	44
-	1	1	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1	1	1	1	2-1752356-6	SUPPORT, TERMINAL	34
-	2	2	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2	2	2-2844962-4	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	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
-	2	2	1	1	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	-	-	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	1	1	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	1	1	1803095-6	FLOATING SHEAR, FRONT -	9
1	2	2	1	1	1	1	4-1633927-3	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	-	-	6
-	1	1	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	1	238011-5	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	1	1	1803017-3	CRIMPER, INSULATION F	3
-	1	1	1	1	1	1	455888-1	SPACER, CRIMPER	2
1	2	2	1	1	1	1	3-456402-4	CRIMPER, WIRE PREMIUM	1

-77 -72 -71 -52 -51 -2 -1							PART NO		DESCRIPTION			ITEM NO	
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DIMENSIONS: mm 							DWN	19APR2013		TE Connectivity Harrisburg, PA 17105-3608			
							CHK	19APR2013					
							U. GUO	19APR2013					
							APVD	19APR2013					
							I. CRUZ						
							NAME	Ocean Side Feed Applicator -					
							PRODUCT SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
							APPLICATION SPEC						
MATERIAL							FINISH	WEIGHT	-	A1	00779	C=2151925	-

PNEUMATIC



30mm STROKE

40mm STROKE

MECHANICAL POST FEED

30mm STROKE

40mm STROKE

MECHANICAL PRE FEED

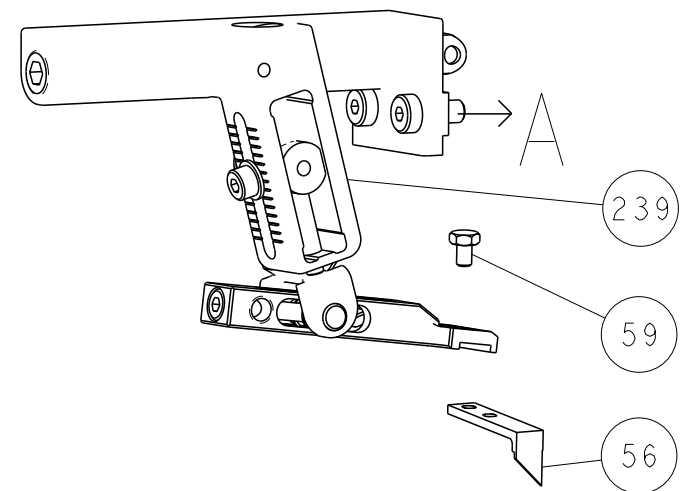
30mm STROKE

40mm STROKE

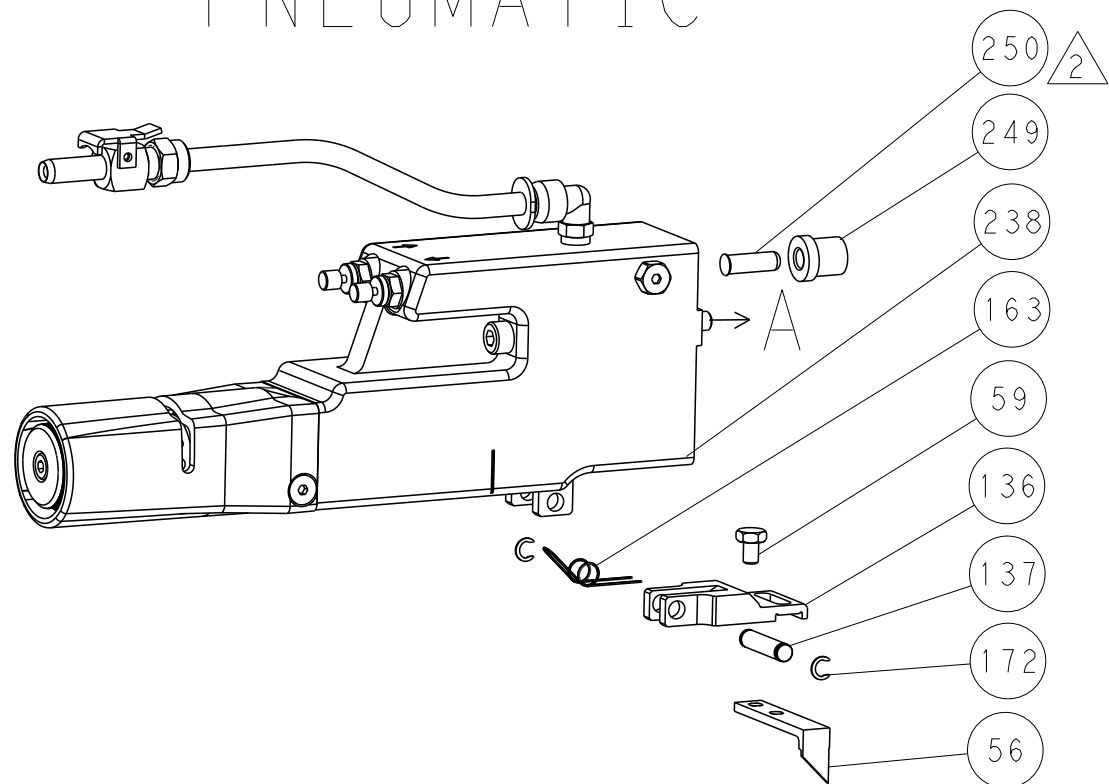
AIR FEED

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DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: Ø PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± MATERIAL: FINISH: WEIGHT:						CMR: U.GUO	19APR2013	NAME	TE Connectivity Harrisburg, PA 17105-3608 Ocean Side Feed Applicator -	SIZE A	CAGE CODE 00779	DRAWING NO C=2151925	RESTRICTED TO -					
						APVD: J.CRUZ	19APR2013											
						PRODUCT SPEC	-											
						APPLICATION SPEC	-											
Customer Accessible Production Drawing											SCALE	1:2	SHEET	2	OF	4	REV	C

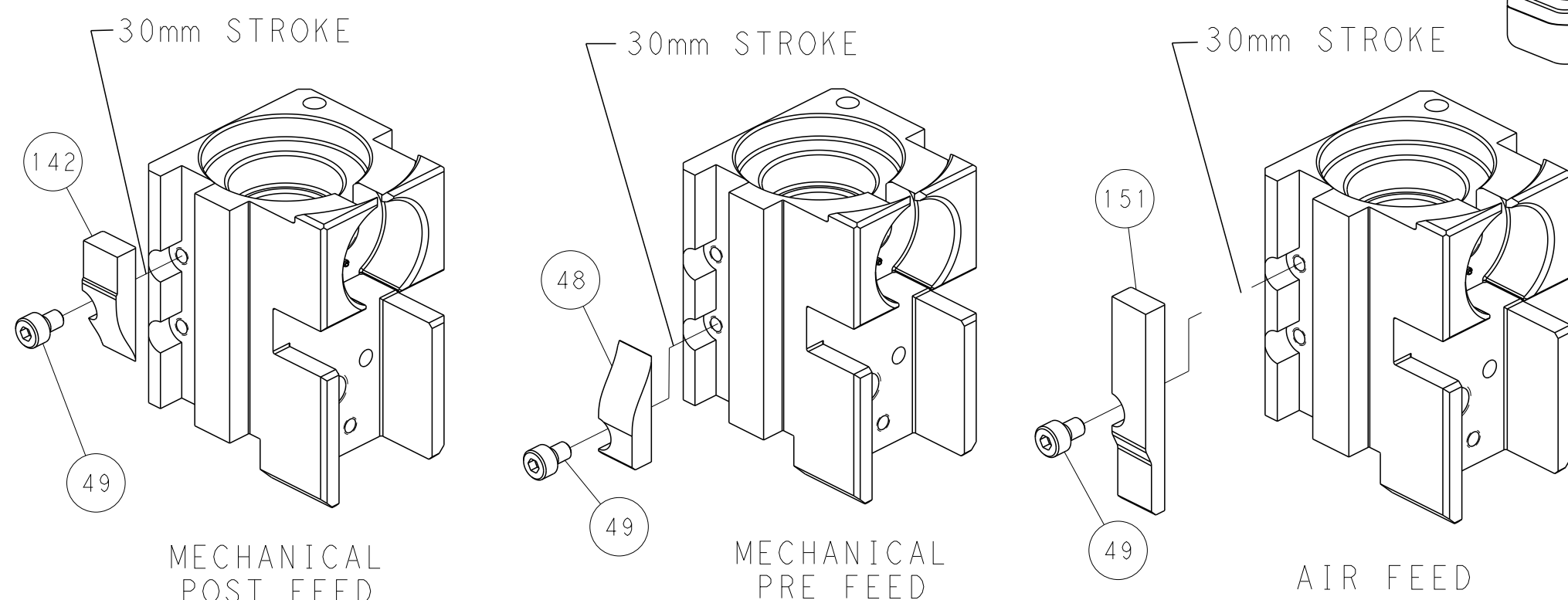
FEED TYPE
MECHANICAL



PNEUMATIC



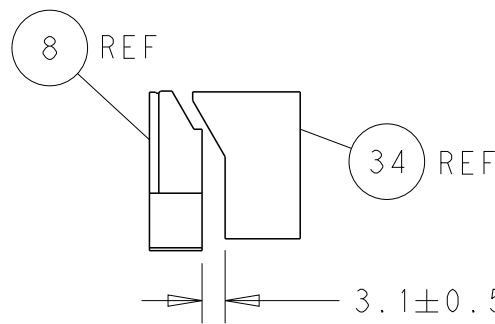
CAM POSITIONS



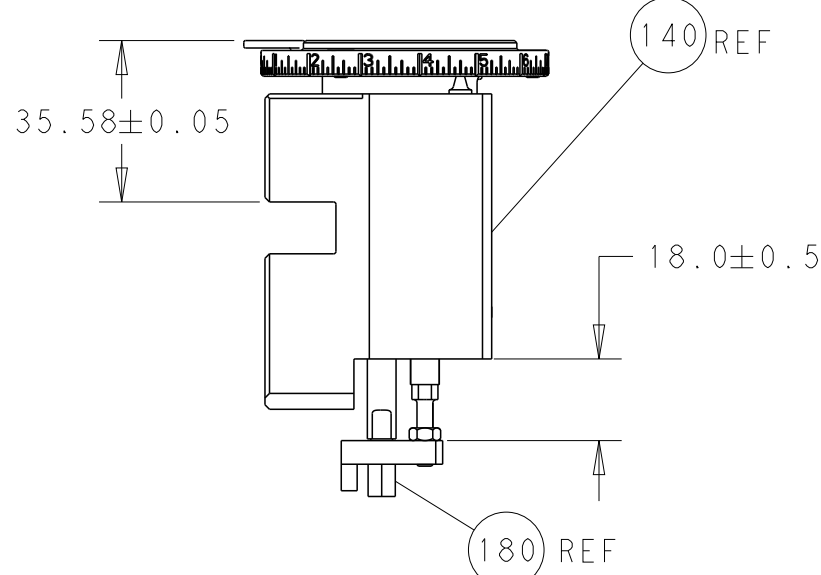
PACIFIC VERSION

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

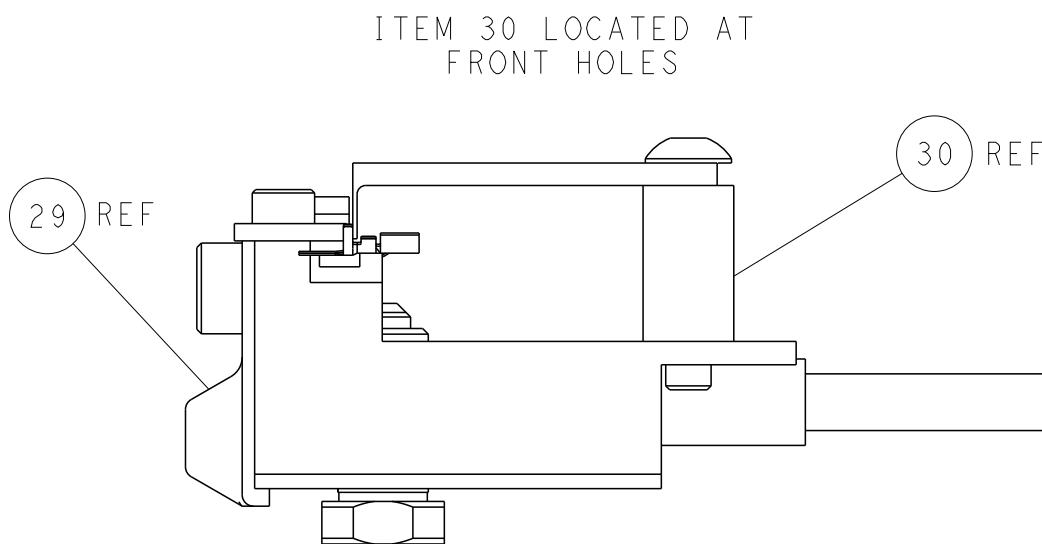
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A	66	-	-	SEE SHEET 1	-	-	-



TERMINAL SUPPORT LOCATION



RAM & HOLD DOWN SET-UP



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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CHK U. GUO 19APR2013		NAME I. CRUZ 19APR2013	Ocean Side Feed Applicator	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0005 1 PLC ±.0005 2 PLC ±.0005 3 PLC ±.0005 4 PLC ±.0005 ANGLES ±.0005 FINISH	PRODUCT SPEC APPLICATION SPEC	
MATERIAL -		WEIGHT -	SIZE A1	CAGE CODE 00779
			DRAWING NO C=2151925	RESTRICTED TO -
			Customer Accessible Production Drawing	SCALE 1:2
			SHEET 4	OF 4
			REV C	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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