

8		7	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151251-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151251-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151251-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151251-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151251-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.80 mm [.071]	F
INSUL	2.80 mm [.110]	F
APPLICATOR INSTRUCTIONS 408-35042		

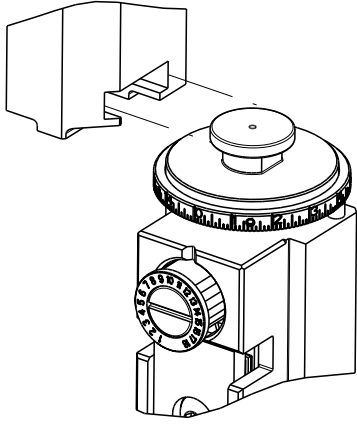
TERMINAL DATA: TE TERMINAL				TE CRIMP SPECIFICATION			
TERMINAL NAME: .090 II MLC RECEPTACLE							
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE					
4.00-4.60 mm [.157-.181 IN]		Ø1.40-2.10 mm [.055-.083 IN]					
TERMINAL APPLICATION SPECIFICATION		114-61004		-		-	
TERMINALS APPLIED							
TE TERMINAL		TE TERMINAL		TE TERMINAL		TE TERMINAL	
368085-1		1-368085-1					

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.50mm2	0.89+/-0.05 [.035+/- .002]	5.7
0.30mm2	0.80+/-0.05 [.031+/- .002]	7.0



- RECOMMENDED SPARE PARTS
- REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 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.
- UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- TERMINAL LUBRICANT IS RECOMMENDED.

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			11 JUL 2014	KH	UG
		B		ECR-18-007764			24 MAY 2018	MZ	JDG
		C		ECR-18-009109			25 JUN 2018	AW	TE

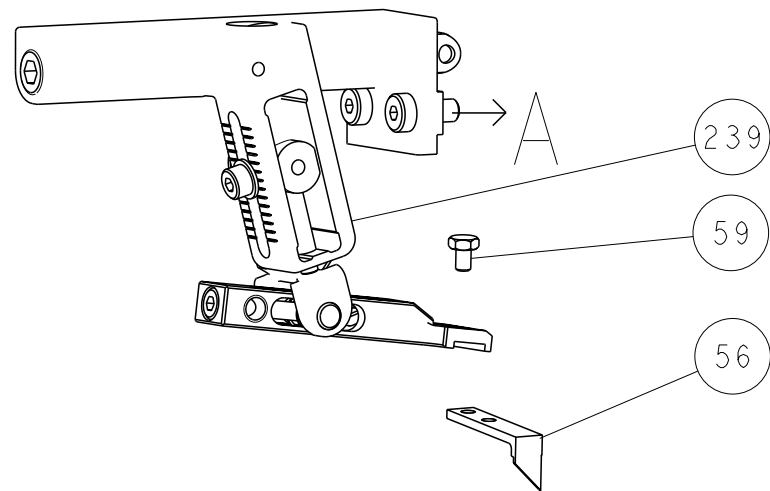
3	-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	-	1	-	1	-	1803259-1	BUSHING, FLANGED	249
	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
	-	1	1	1	1	2119082-3	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
	-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
	-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
	-	1	-	1	-	2063440-1	AIR FEED MODULE	238
	-	2	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
	-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
6	-	1	-	1	-	240638-1	SPRING, FEED FINGER	163
	-	1	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
	-	1	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
	-	1	1	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
	-	1	1	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	1	1	2844907-1	POST, LOCKING	98
	-	1	1	1	1	455888-6	SPACER, CRIMPER	82
	-	1	1	1	1	1803607-1	DOCUMENTATION PACKAGE	71
	-	1	1	1	1	2119740-1	TAG,IDENTIFICATION	67
	-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	1	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59	
-	1	1	1	1	1338685-1	PAWL, FEED	56	
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54	
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53	
-	1	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52	
-	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51	
-	1	1	1	1	690753-2	SPACER, TONKER	50	
-	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49	
-	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48	
-	-	1	-	1	2119653-1	FEED CAM, POST FEED	47	
-	1	1	1	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46	
-	1	1	1	1	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44	
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41	
-	1	1	1	1	1752356-1	SUPPORT, TERMINAL	34	
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33	
-	2	2	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30	
-	1	1	1	1	2844992-1	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	
-	2	2	2	2	1-18028-2	WASHER, FLAT, REG M4	20	
-	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	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	1803095-1	FLOATING SHEAR, FRONT -	9	
1	1	2	2	1	1	2-1803057-6	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	-	6
-	1	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	1-238011-7	BLOCK, CRIMPER SPACER	4
1	1	2	2	1	1	6-2119582-6	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	1	455888-6	SPACER, CRIMPER	2
1	1	2	2	1	1	3-456404-5	CRIMPER, WIRE PREMIUM	1

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE OBSOLETE WITHOUT NOTICE. THE USER SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN K. HUANG 26MAY2014	TE Connectivity Harrisburg, PA 17105-3608						
DIMENSIONS:				CHK L. ZHANG 26MAY2014	NAME Ocean Side Feed Applicator						
mm				APVD J. GUO 26MAY2014	PRODUCT SPEC APPLICATION SPEC SIZE CAGE CODE DRAWING NO A 00779 C=2151251 RESTRICTED TO -						
TOLERANCES UNLESS OTHERWISE SPECIFIED:											
0 PLC ±											
1 PLC ±											
2 PLC ±											
3 PLC ±											
4 PLC ±											
ANGLES											
FINISH											
MATERIAL											

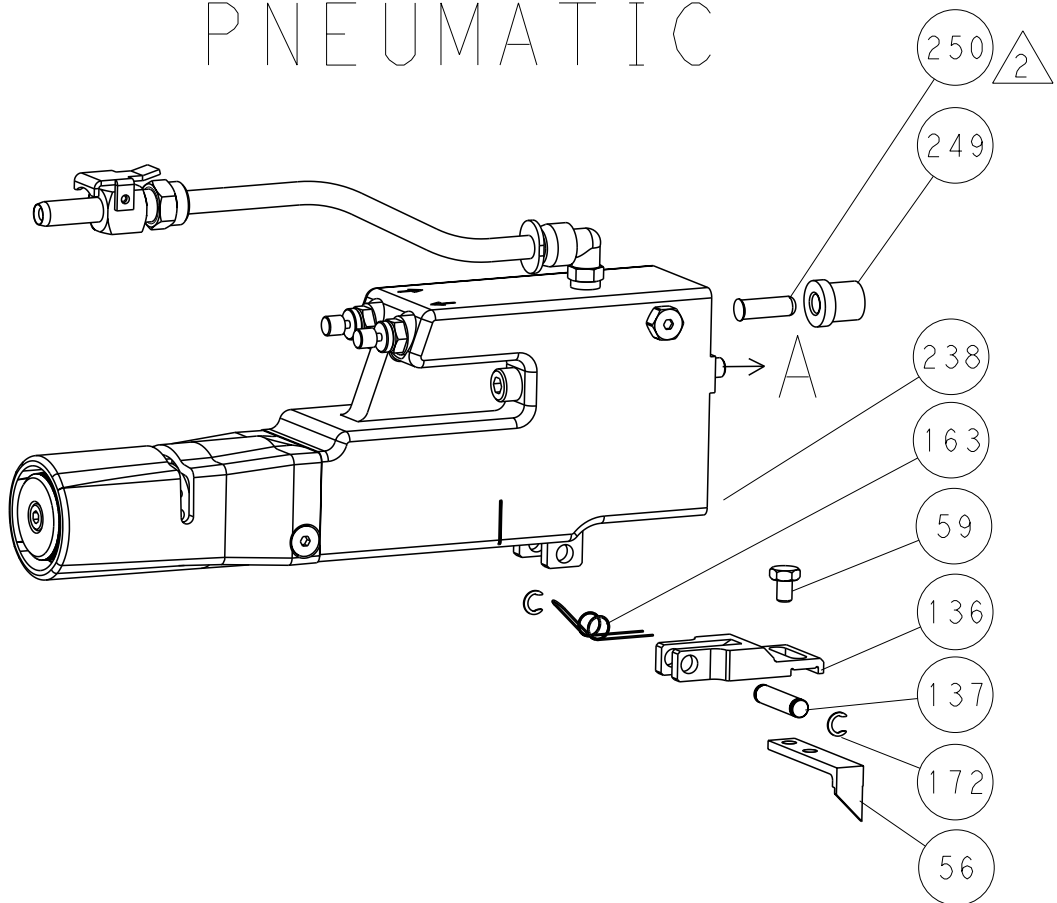
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

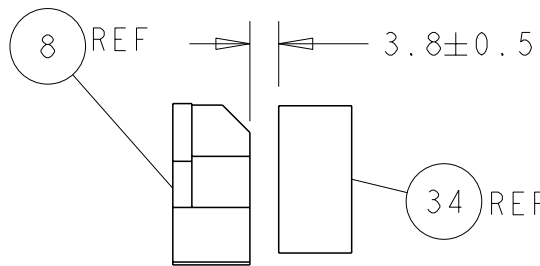
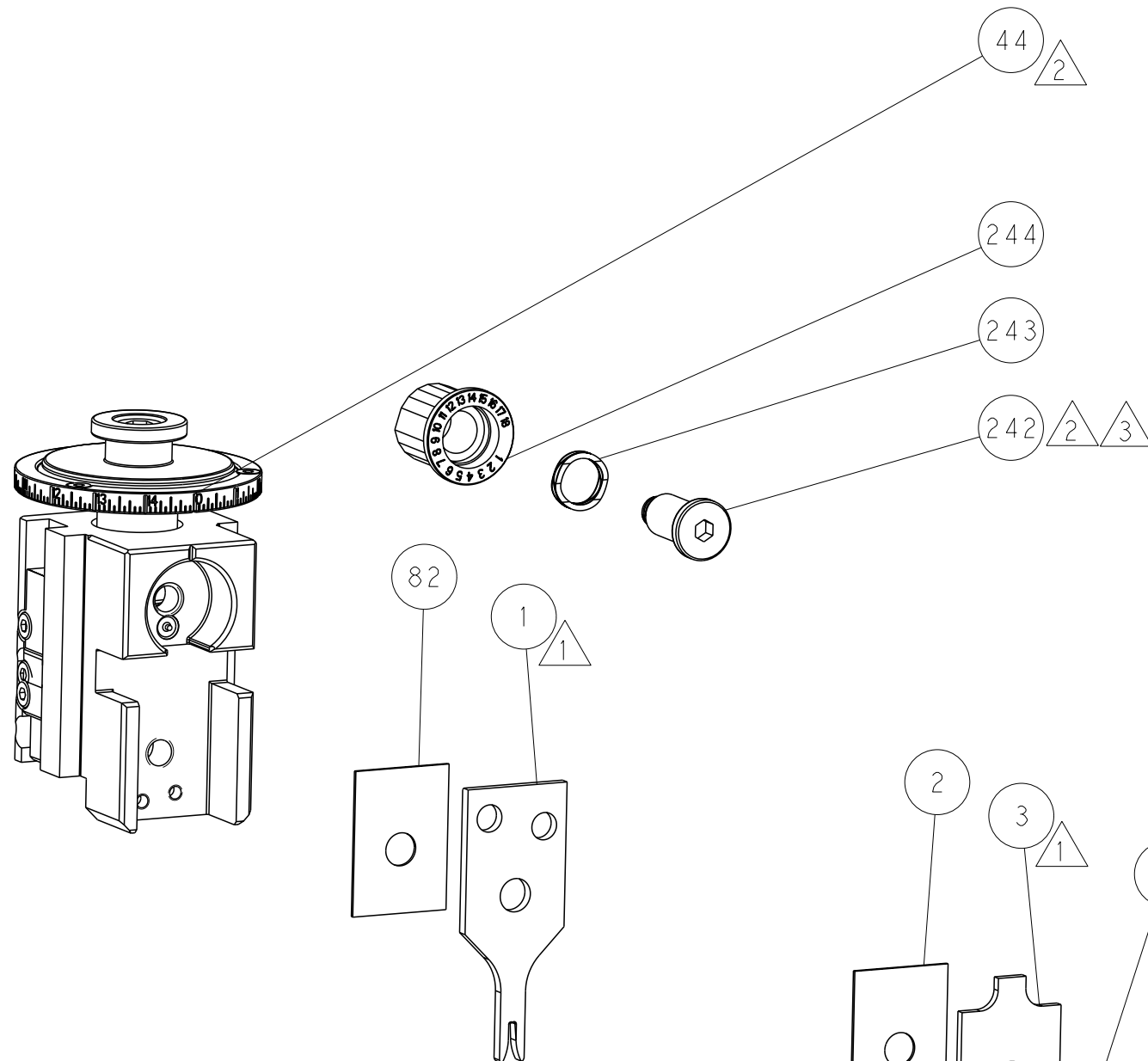
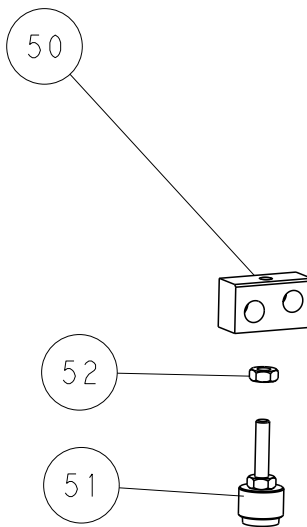
FEED TYPE
MECHANICAL



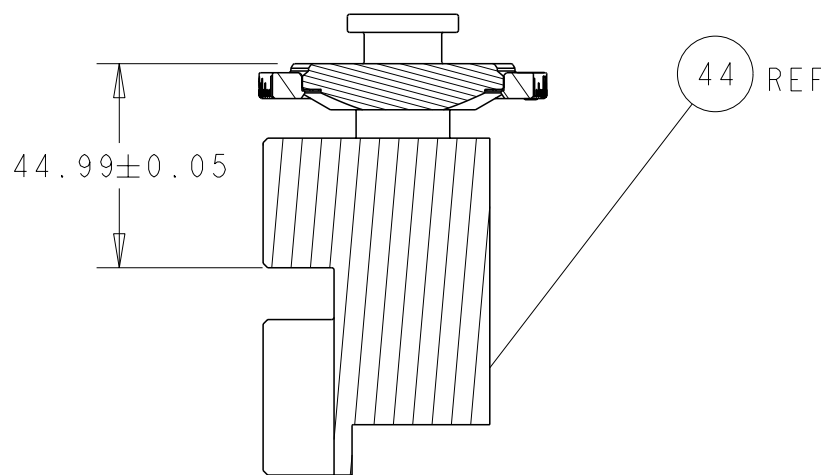
PNEUMATIC



53

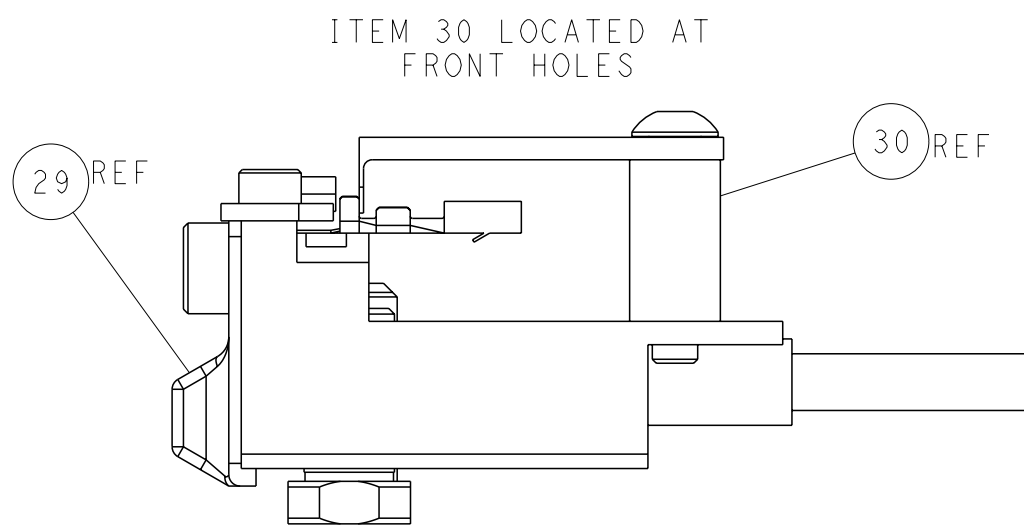
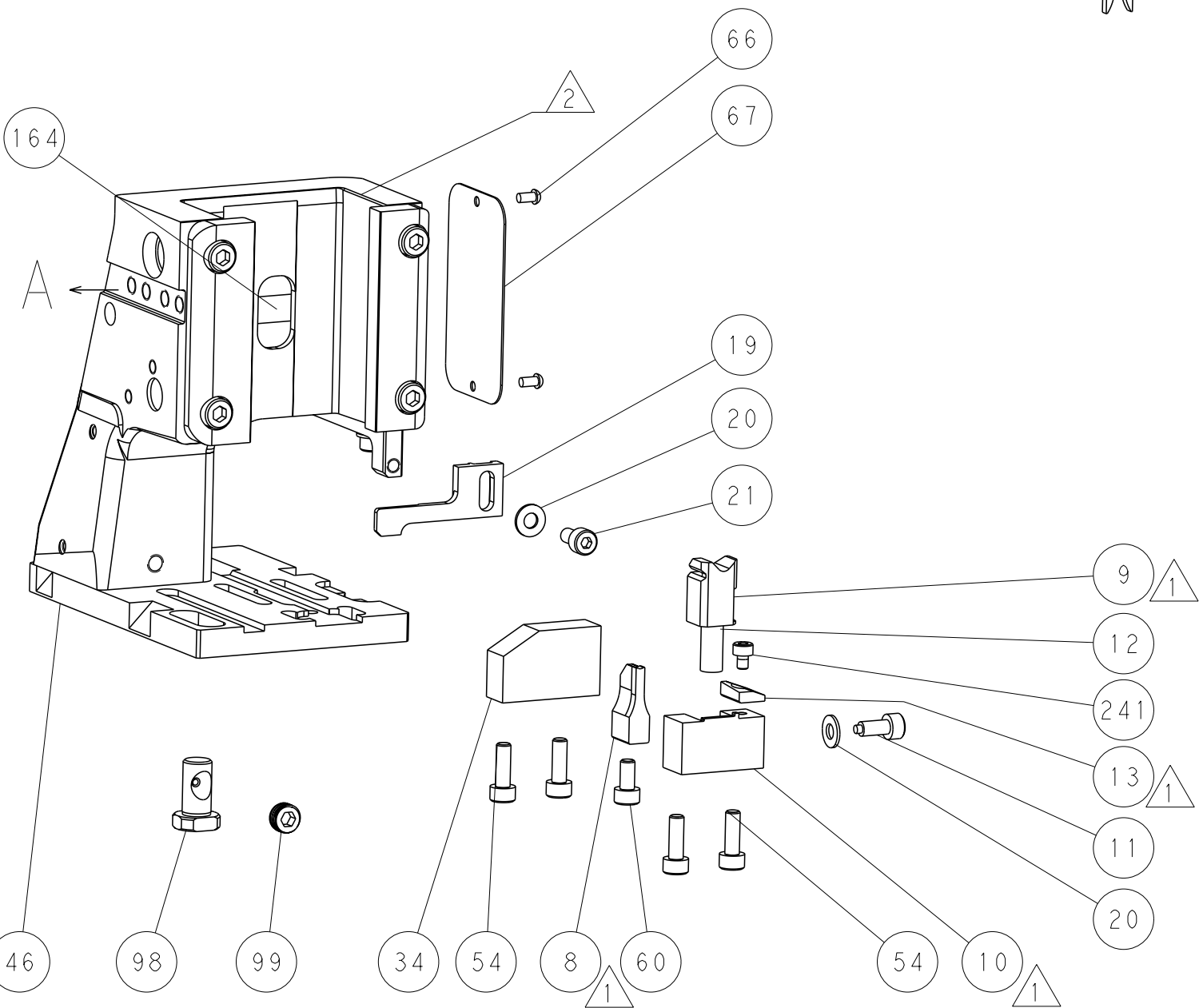
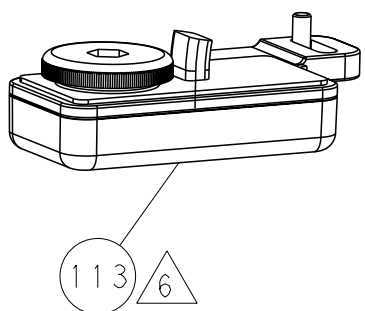
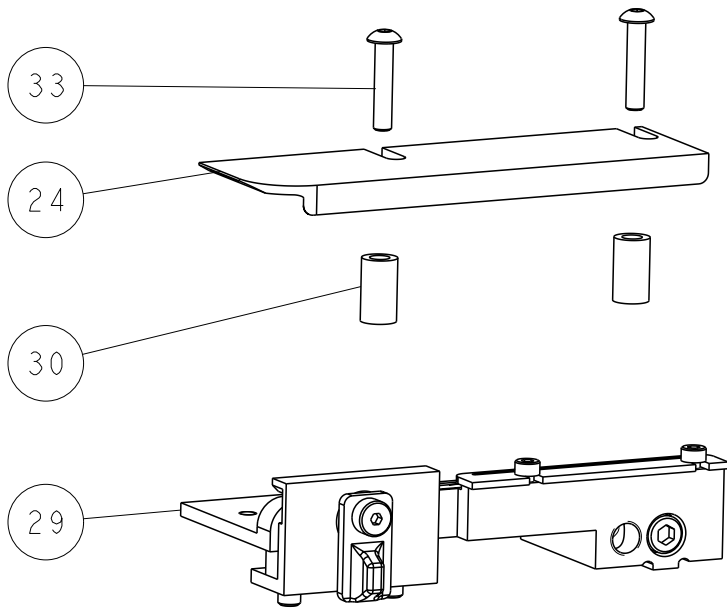
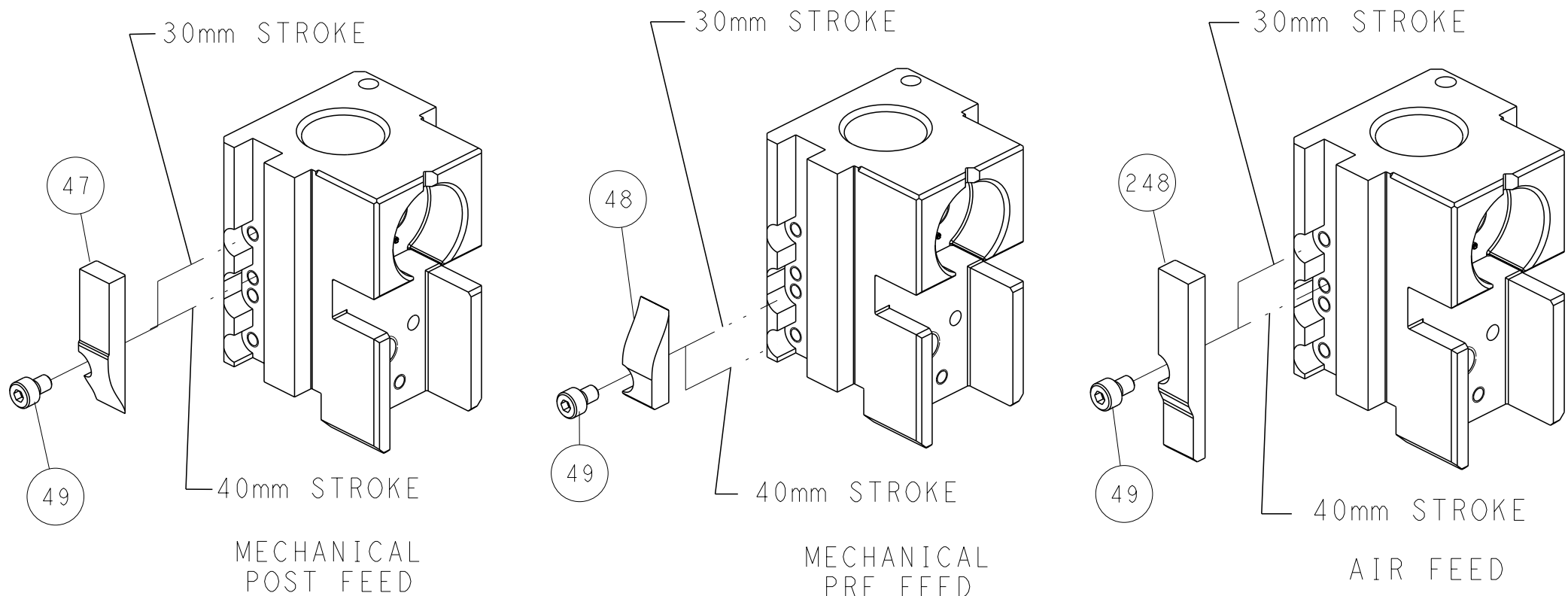


TERMINAL SUPPORT LOCATION



RAM SET-UP

CAM POSITIONS



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

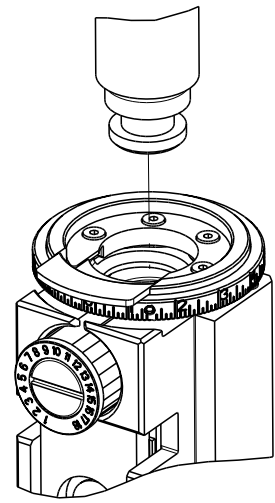
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

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CMR L. ZHANG 26MAY2014		NAME	Ocean Side Feed Applicator	
APVD J. GUO 26MAY2014		PRODUCT SPEC	SIZE A1	
APPLICATION SPEC		WEIGHT	CAGE CODE 00779	
MATERIAL		FINISH	DRAWING NO 2151251	
Customer Accessible Production Drawing		SCALE 1:2	SHEET 2 of 4	
			REV C	

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151251-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151251-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151251-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.80 mm [.071]	F
INSUL	2.80 mm [.110]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .090 II MLC RECEPTACLE			
WIRE STRIP LENGTH 4.00-4.60 mm [.157-.181 IN]			INSULATION DIAMETER RANGE Ø1.40-2.10 mm [.055-.083 IN]
TERMINAL APPLICATION SPECIFICATION		114-61004	-
		-	-
TERMINALS APPLIED 			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
368085-1	1-368085-1		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.50mm2	0.89+/-0.05 [.035+/- .002]	5.7
0.30mm2	0.80+/-0.05 [.031+/- .002]	7.0



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.
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. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
6. TERMINAL LUBRICANT IS RECOMMENDED.

*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING, REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

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

2		1						
LOC	DIST	REVISIONS						
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	

3	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	-	1	-	1803259-1	BUSHING, FLANGED	249
	-	1	1	2119082-3	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
	-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
	-	1	-	2063440-1	AIR FEED MODULE	238
	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
	-	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-	1	-	240638-1	SPRING, FEED FINGER	163
	-	1	-	2119641-2	FEED CAM, AIR FEED	151
6	-	4	4	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	143
	-	-	1	2119653-2	FEED CAM, POST FEED	142
	-	1	1	1-1803583-0	APPLICATOR BASIC ASSEMBLY, SF	141
	-	1	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
	-	1	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
	-	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	2844907-1	POST, LOCKING	98
	-	1	1	455888-6	SPACER, CRIMPER	82
	-	1	1	1803607-1	DOCUMENTATION PACKAGE	71
	-	1	1	2119740-1	TAG,IDENTIFICATION	67
1	-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
	-	1	1	1338685-1	PAWL, FEED	56
	-	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
	-	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
	-	1	1	811242-5	BUMPER, HOLD DOWN	51
	-	1	1	690753-2	SPACER, TONKER	50
	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	-	-	1	2119652-1	FEED CAM, PRE FEED	48
	-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-	1	1	1752356-1	SUPPORT, TERMINAL	34
	-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
1	-	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
	-	1	1	455888-3	SPACER, CRIMPER	28
	-	1	1	1320928-2	STRIP GUIDE	24
	-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
	-	2	2	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	1	2119533-1	STRIPPER, SIDE FEED	19
	-	1	1	2119806-1	INSERT, SHEAR	13
	-	1	1	3-22280-3	SPRING, COMPRESSION	12
	-	1	1	1-356885-4	STOP, SHEAR	11
	-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
	-	1	1	1803095-1	FLOATING SHEAR, FRONT -	9
1	1	1	1	2-1803057-6	ANVIL, COMBINATION	8
	-	-	-	-	-	7
	-	-	-	-	-	6
	-	1	1	2119757-8	DEPRESSOR, SHEAR	5
	-	1	1	1-238011-7	BLOCK, CRIMPER SPACER	4
	1	1	1	6-2119582-6	CRIMPER, INSULATION F PREMIUM	3
	-	1	1	455888-6	SPACER, CRIMPER	2
	1	1	1	3-456404-5	CRIMPER, WIRE PREMIUM	1

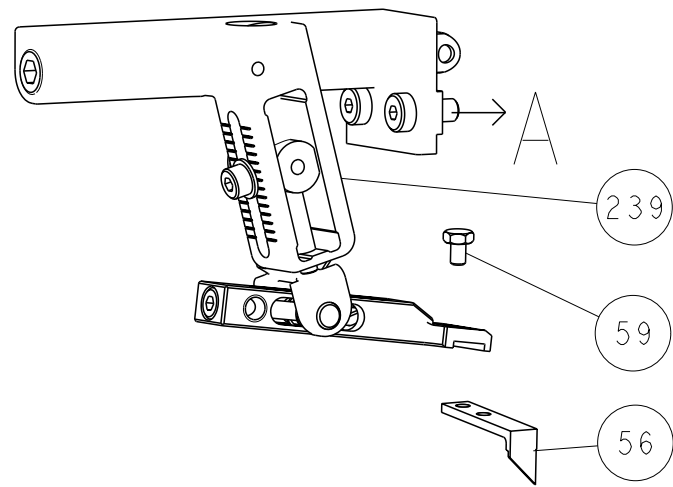
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO
1. THIS DRAWING IS A CONTROLLED DOCUMENT FOR THE ELECTRICAL CONSTRUCTION OF THE PRODUCT. IT IS SUBJECT TO CHANGE AND TO THE CONTROL OF THE ENGINEERING ORGANIZATION. ANY CHANGES SHOULD BE CONTACTED FOR THE LATEST REVISION.					
DOWNSIDE			OWN	26MAY2014	
DIMENSIONS:			CHK	26MAY2014	
mm			L. ZHANG	26MAY2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD	26MAY2014	
0 PLC ±			U. GUO	26MAY2014	
1 PLC ±			PRODUCT SPEC		
2 PLC ±					
3 PLC ±			APPLICATION SPEC		
4 PLC ±					
FINISH			ANGLE		
MATERIAL			WEIGHT		
-			-		
Customer Accessible Production Drawing			SCALE	1:2	
			SHEET	3	OF 4
			REV	C	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

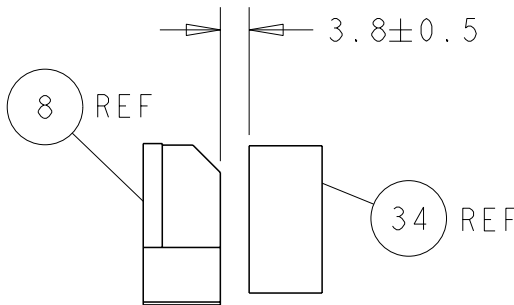
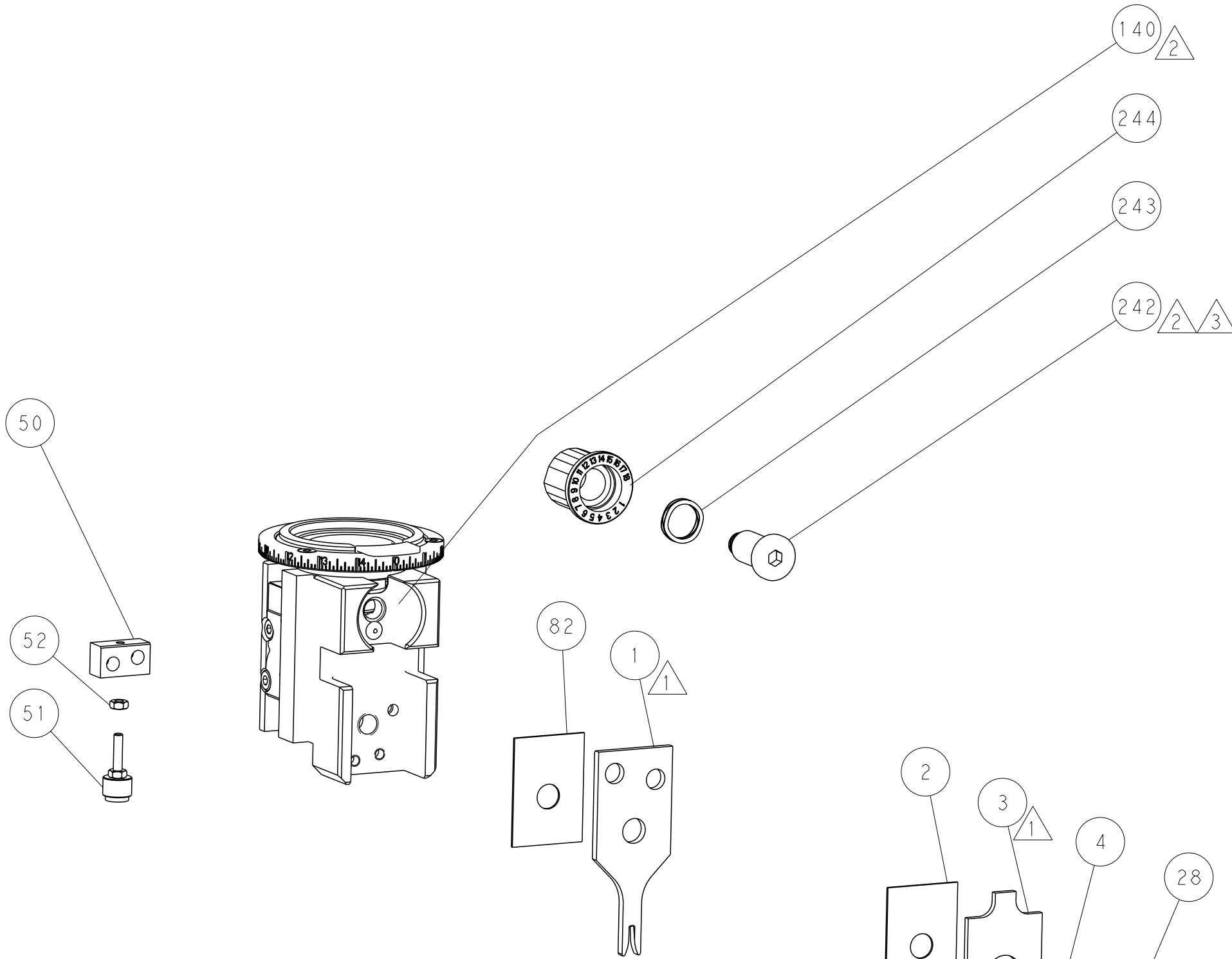
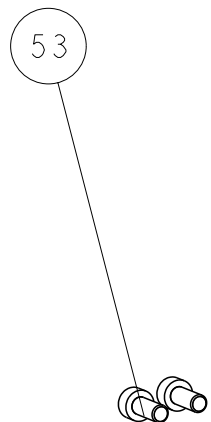
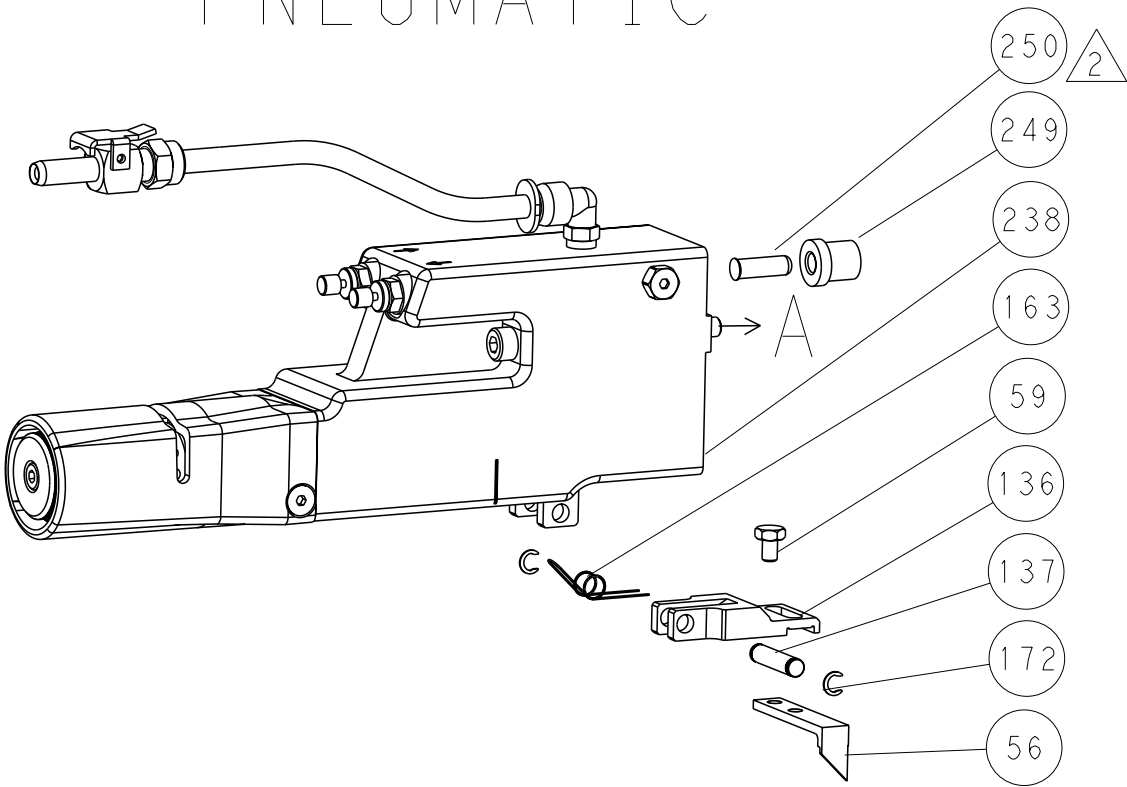
LOC		DIST		REVISIONS					
A		66		P	LYR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-

FEED TYPE

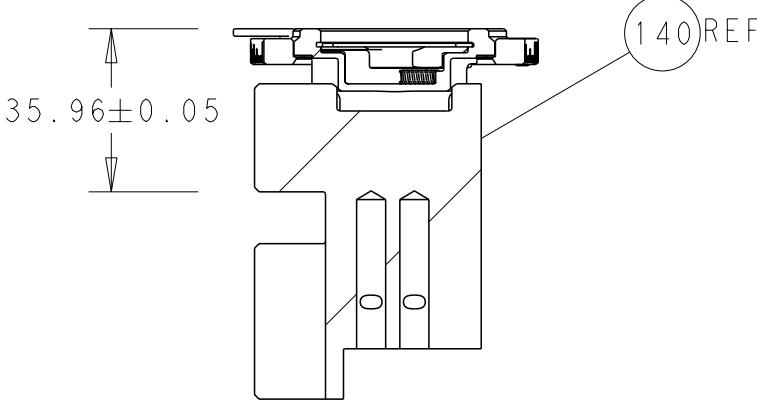
MECHANICAL



PNEUMATIC

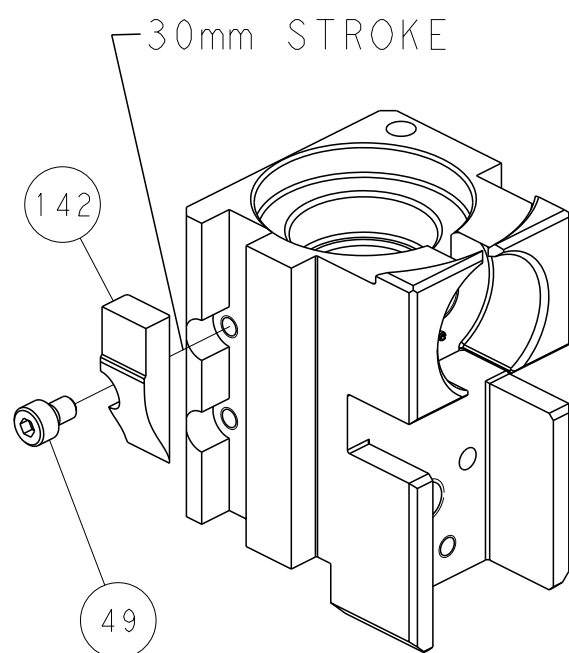


TERMINAL SUPPORT LOCATION

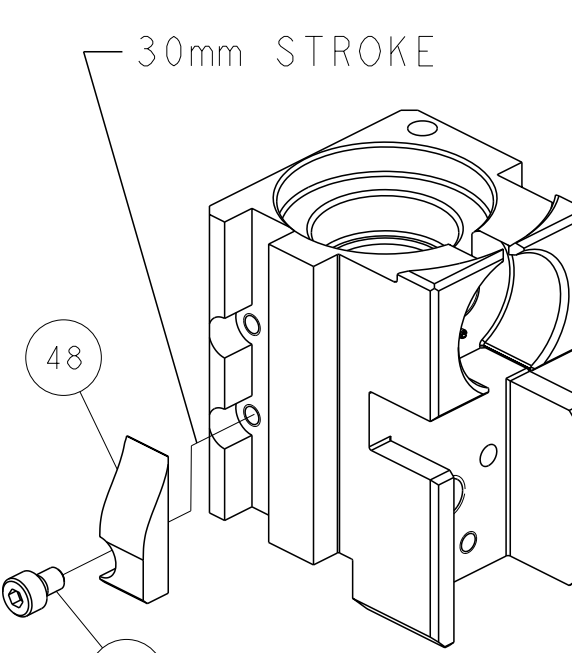


RAM SET-UP

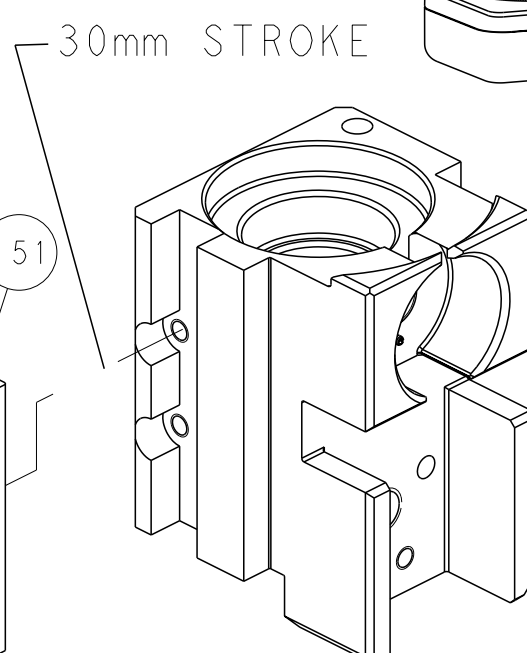
CAM POSITIONS



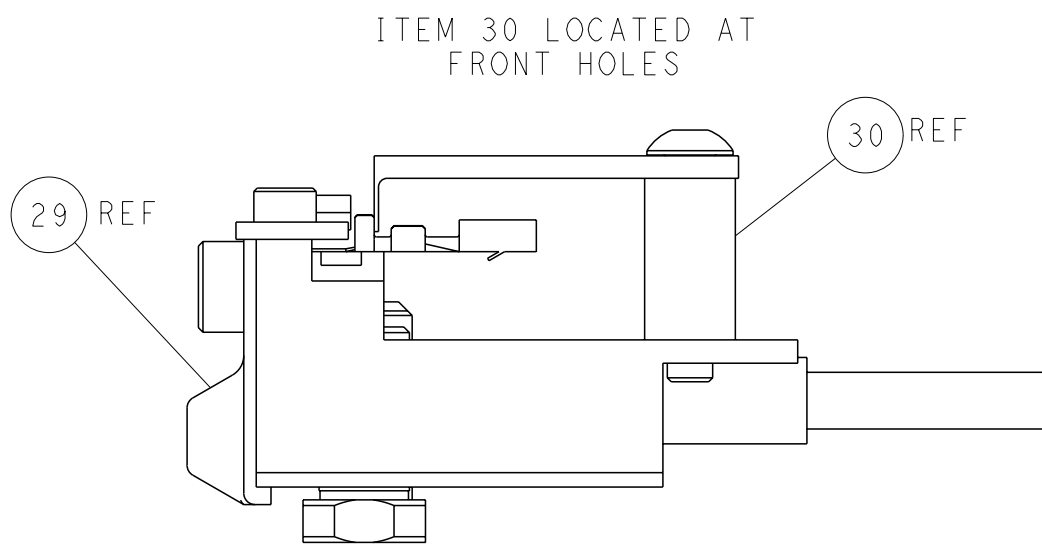
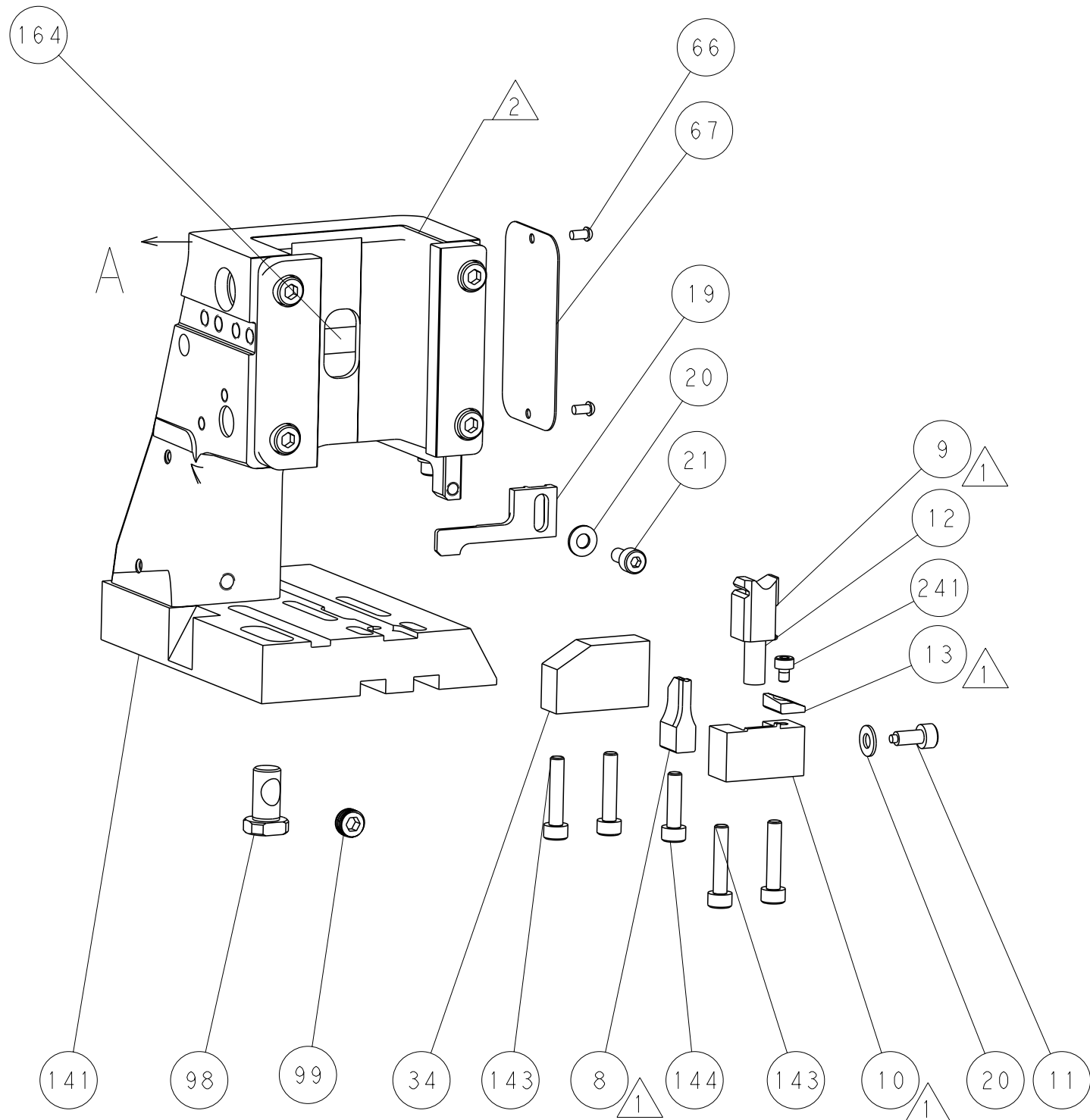
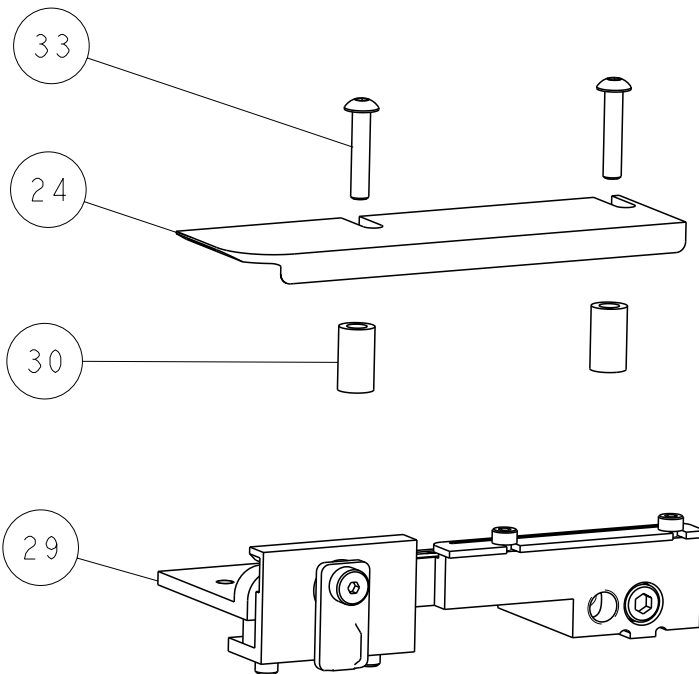
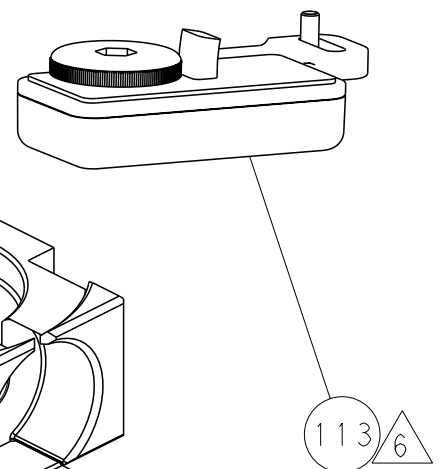
MECHANICAL
POST FEED



MECHANICAL
PRE FEED



AIR FEED



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND TO THE CONTROL AND ENGINEERING ORGANIZATION. SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN K. HUANG	26MAY2014	 TE Connectivity Harrisburg, PA 17105-3608		
				CHK L. ZHANG	26MAY2014			
				APVD J. GUO	26MAY2014	NAME Ocean Side Feed Applicator		
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
						APPLICATION SPEC		
MATERIAL -				FINISH -		WEIGHT -		
						Customer Accessible Production Drawing		
						SCALE 1:2		
						SHEET 4		
						OF 4		
						REV C		

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION