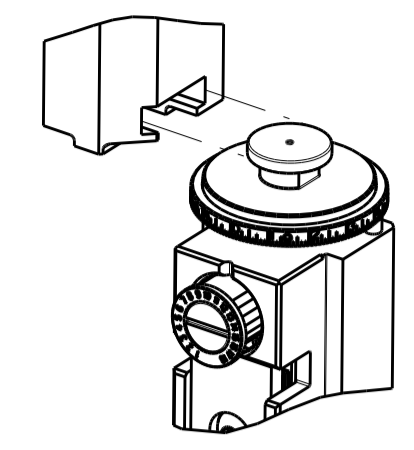


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151101-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151101-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151101-1	D	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151101-2	E	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151101-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.29 mm [.090]	F
INSUL	3.05 mm [1.20]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: PIN AND SOCKET ASSEMBLY, .062, TYPE 111+			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
.141-.171 IN [3.58-4.34 mm]		Ø.080-.100 IN [2.03-2.54 mm]	
TERMINAL APPLICATION SPECIFICATION	114-10004		

TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
66358-5	1-66358-6	66359-5	1-66359-4
66358-6	1-66358-8	66359-6	1-66359-5
66358-9	1-66358-9	66359-9	1-66359-6
1-66358-0	2-66358-0	1-66359-0	1-66359-7
1-66358-2	2-66358-1	1-66359-1	1-66359-9
1-66358-3	2-66358-3	1-66359-2	2-66359-0

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.00mm2	1.78+/-0.05 [0.070+/-0.002]	4.5
14 AWG	1.73+/-0.05 [0.068+/-0.002]	4.8
1.50mm2	1.65+/-0.05 [0.065+/-0.002]	5.7
16 AWG	1.50+/-0.05 [0.059+/-0.002]	7.4
1.00mm2	1.47+/-0.05 [0.058+/-0.002]	7.5
0.75mm2	1.37+/-0.05 [0.054+/-0.002]	8.7
18 AWG	1.32+/-0.05 [0.052+/-0.002]	9.1

- 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.

***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.

LOC	DIST	REVISIONS					
A	66	P	LTN	DESCRIPTION	DATE	OWN	APVD
		C		ECR-13-017227	05NOV2013	RK	TE
		C1		ECR-14-004665	28MAR2014	XZ	TE
		D		ECR-18-006127	22APR2018	TB	JDG
		E		ECR-19-010606	08JUL2019	FJ	TE

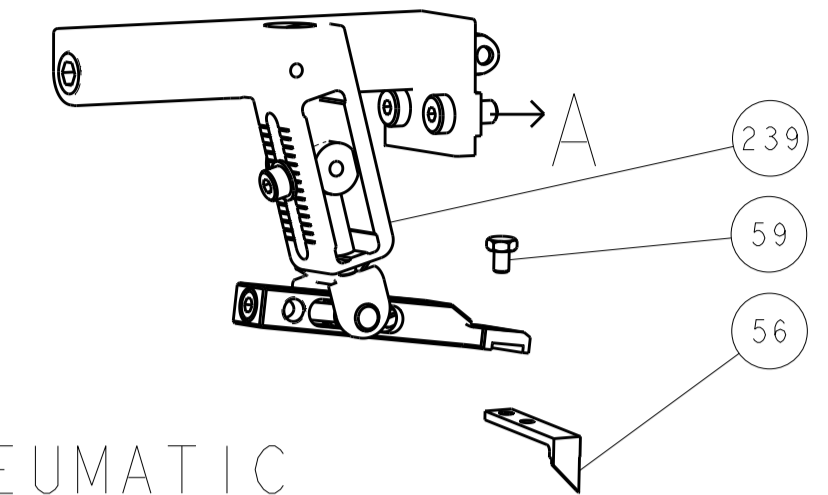
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	455888-5	SPACER, CRIMPER	82
-	1	1	1	1	1803607-3	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	2-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 14	53
-	1	1	1	1	1803382-6	HOLD DOWN, SPRING LOADED	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	1752356-3	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	1-455888-0	SPACER, CRIMPER	28
-	1	1	1	1	1320928-6	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	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	2	2	1	1333228-3	ANVIL	8
-	1	1	1	1	3-240641-2	SPACER	7
-	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	1	1	2-238011-2	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	2119784-7	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	455888-1	SPACER, CRIMPER	2
-	1	2	2	1	4-456406-7	CRIMPER, WIRE PREMIUM	1

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

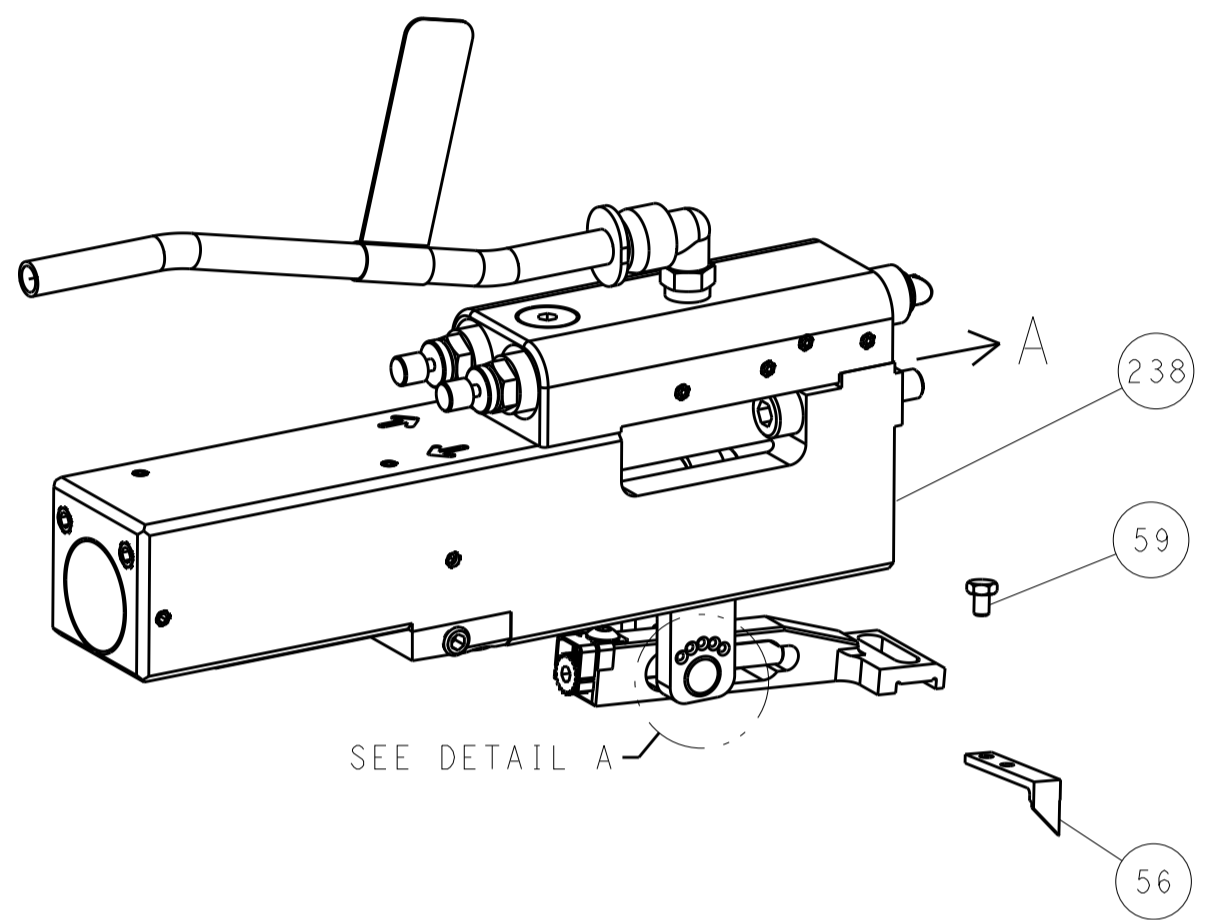
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mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	ANGLES ±	FINISH	WEIGHT	SCALE: 1:2	SHEET 1 OF 4	REV E
MATERIAL								Customer Accessible Production Drawing		RESTRICTED TO	

LOC	DIST	REV	DATE	BY	APPV
A	66				

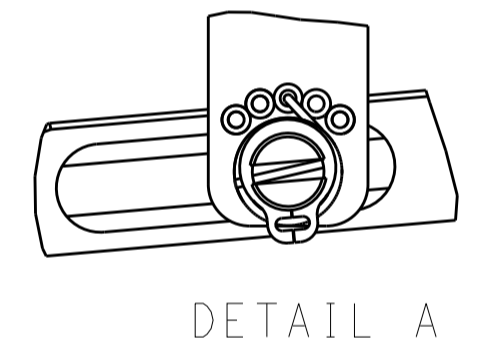
FEED TYPE MECHANICAL



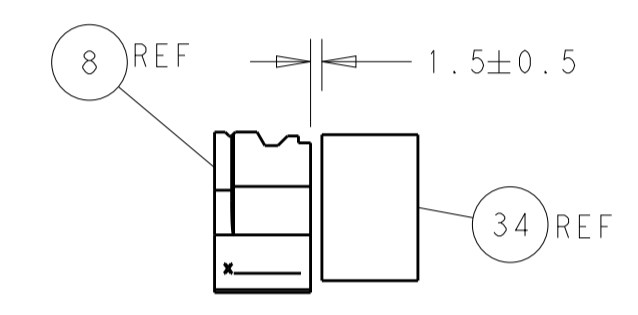
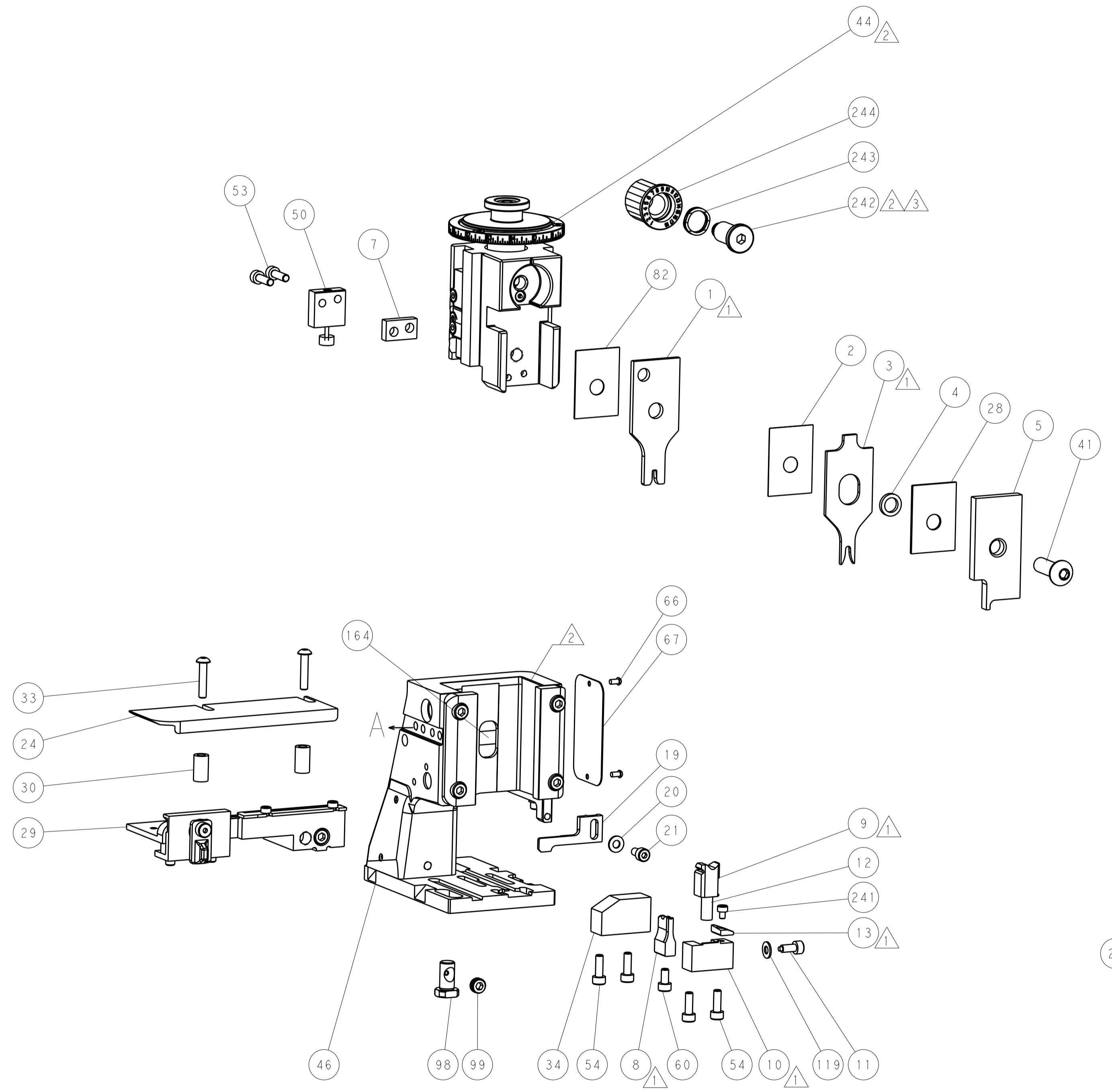
PNEUMATIC



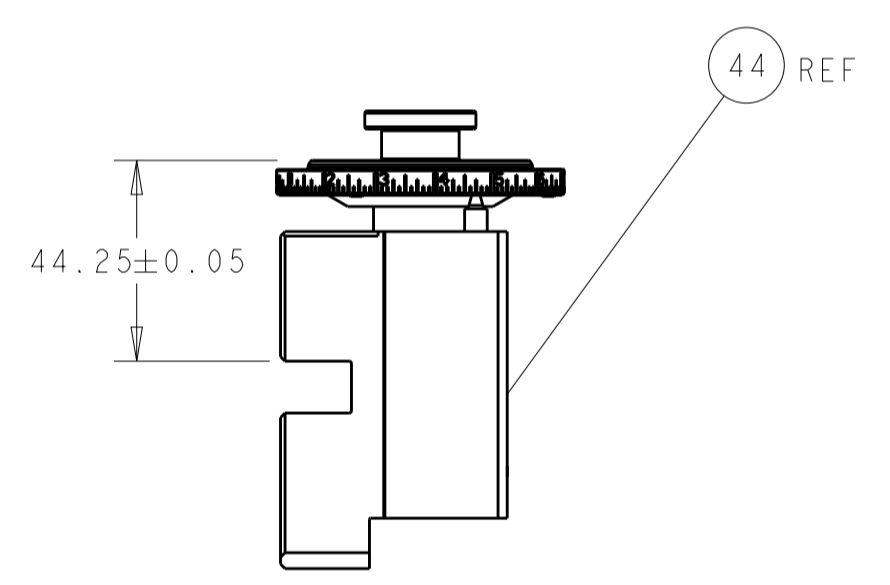
FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



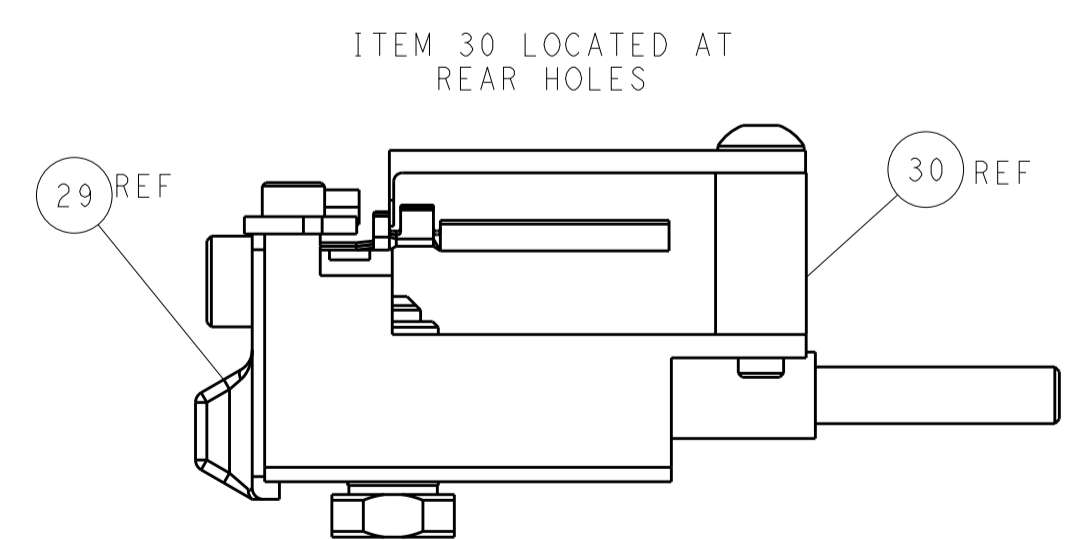
DETAIL A



TERMINAL SUPPORT LOCATION

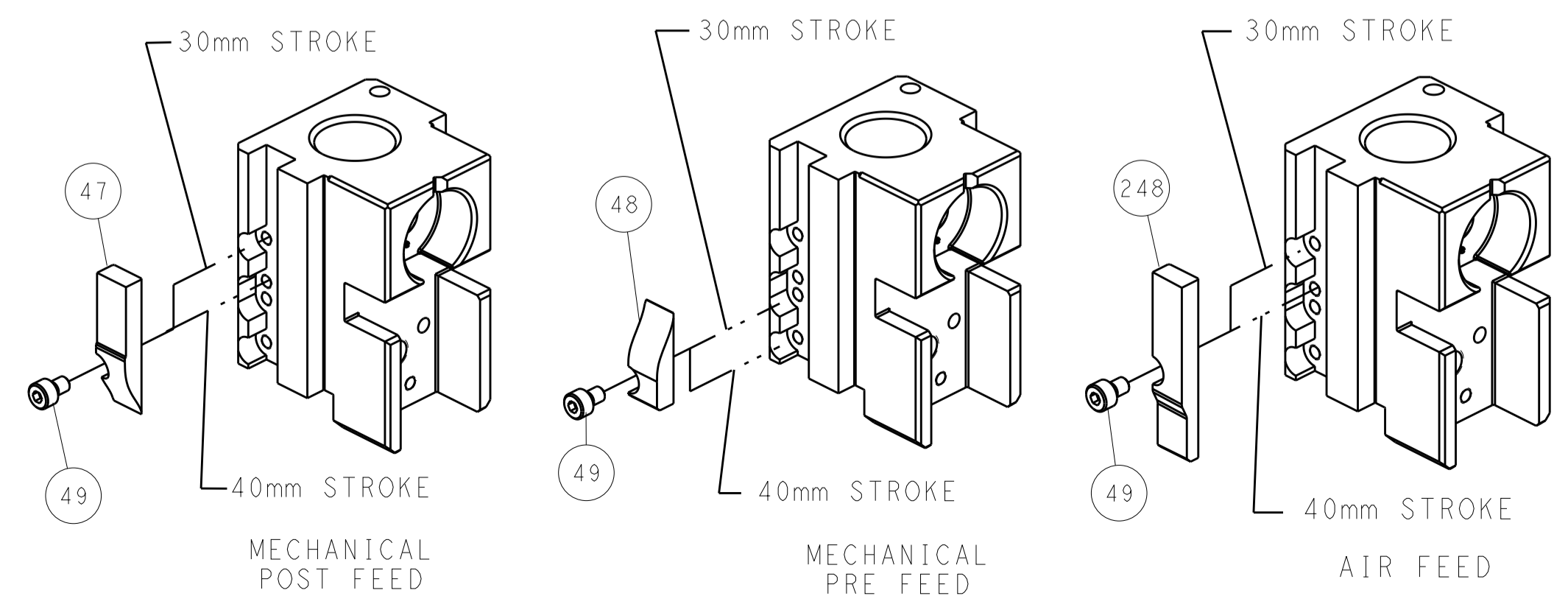


RAM SET-UP



ITEM 30 LOCATED AT REAR HOLES

CAM POSITIONS



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

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		DWN C. MOYER 21DEC2010 CHK I. CRUZ 21DEC2010 APVD T. ELBIN 21DEC2010 PRODUCT SPEC APPLICATION SPEC WEIGHT Customer Accessible Production Drawing		NAME Ocean Side Feed Applicator SIZE CAGE CODE DRAWING NO A1 00779 ©=2151101 SCALE 1:2 SHEET 2 OF 4 REV E		RESTRICTED TO -	
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION									

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151101-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151101-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151101-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.29 mm [.090]	F
INSUL	3.05 mm [.120]	O

APPLICATOR INSTRUCTIONS
408-35042

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION
TERMINAL NAME: PIN AND SOCKET ASSEMBLY, .062, TYPE 111+

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
.141-.171 IN [3.58-4.34 mm]	Ø.080-.100 IN [2.03-2.54 mm]

TERMINAL APPLICATION SPECIFICATION	114-10004	-	-
-	-	-	-

TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
66358-5	1-66358-6	66359-5	1-66359-4
66358-6	1-66358-8	66359-6	1-66359-5
66358-9	1-66358-9	66359-9	1-66359-6
1-66358-0	2-66358-0	1-66359-0	1-66359-7
1-66358-2	2-66358-1	1-66359-1	1-66359-9
1-66358-3	2-66358-3	1-66359-2	2-66359-0

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
2.00mm2	1.78+/-0.05 [.070+/-0.002]	4.5
14 AWG	1.73+/-0.05 [.068+/-0.002]	4.8
1.50mm2	1.65+/-0.05 [.065+/-0.002]	5.7
16 AWG	1.50+/-0.05 [.059+/-0.002]	7.4
1.00mm2	1.47+/-0.05 [.058+/-0.002]	7.5
0.75mm2	1.37+/-0.05 [.054+/-0.002]	8.7
18 AWG	1.32+/-0.05 [.052+/-0.002]	9.1

- 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.

***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.

LOC	DIST	REV	LTN	DESCRIPTION	DATE	OWN	APVD
A	66	-	-	SEE SHEET 1	-	-	-

-	1	1	2119082-8	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	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	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	1	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	455888-5	SPACER, CRIMPER	82
-	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	2119740-1	TAG, IDENTIFICATION	67
-	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	2-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 14	53
-	1	1	1803382-6	HOLD DOWN, SPRING LOADED	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	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1-455888-0	SPACER, CRIMPER	28
-	1	1	1320928-6	STRIP GUIDE	24
-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	1	1	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	1333228-3	ANVIL	8
-	1	1	3-240641-2	SPACER	7
-	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	2-238011-2	BLOCK, CRIMPER SPACER	4
-	1	1	2119784-7	CRIMPER, INSULATION O PREMIUM	3
-	1	1	455888-1	SPACER, CRIMPER	2
-	1	1	4-456406-7	CRIMPER, WIRE PREMIUM	1

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	ANGLES ±	FINISH ±

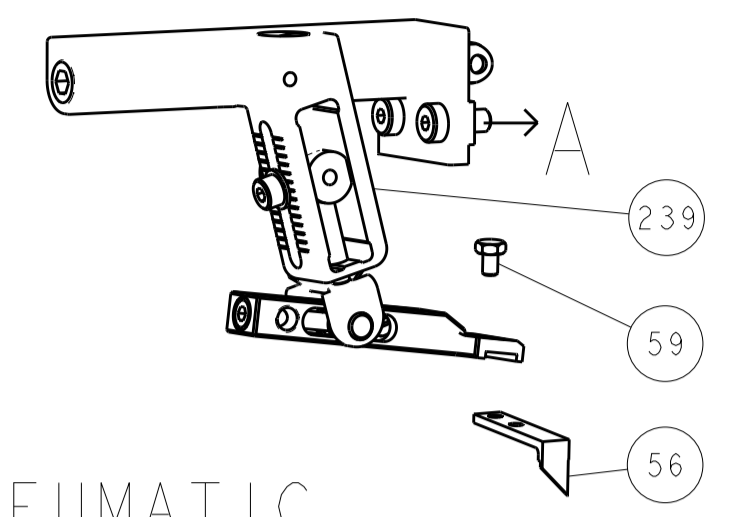
ITEM NO	PART NO	DESCRIPTION
-77	-22	-21

OWN: C. MOYER	21DEC2010	TE Connectivity
CHK: J. CRUZ	21DEC2010	Harrisburg, PA 17105-3608
APVD: T. ELBIN	21DEC2010	
PRODUCT SPEC		
APPLICATION SPEC		
SIZE: A1	CAGE CODE: 00779	DRAWING NO: C=2151101
RESTRICTED TO:		
Customer Accessible Production Drawing	SCALE: 1:2	SHEET 3 OF 4

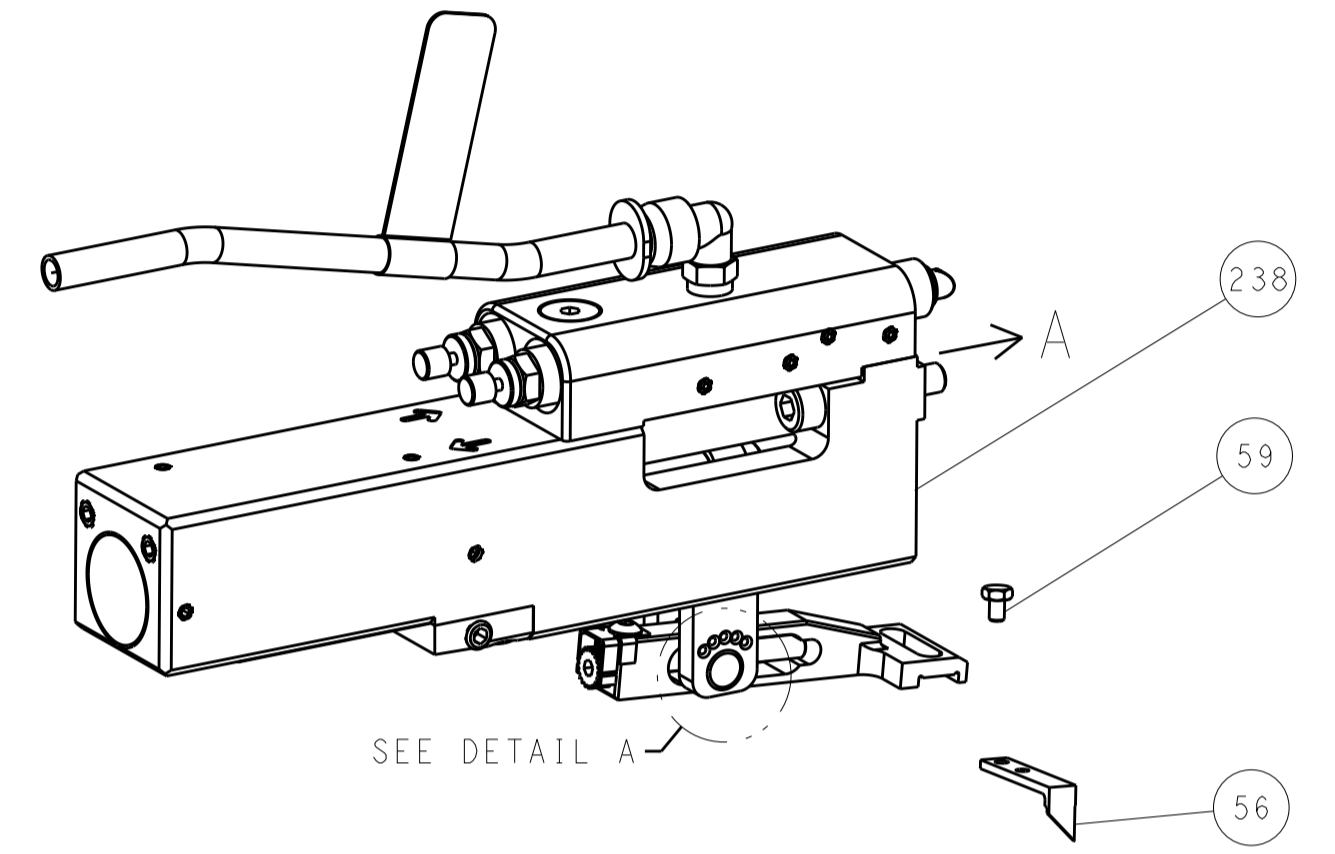
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

LOC	DIST	REVISIONS				
A	66	P. LTH	DESCRIPTION	DATE	OWN	APVD
		-	SEE SHEET 1	-	-	-

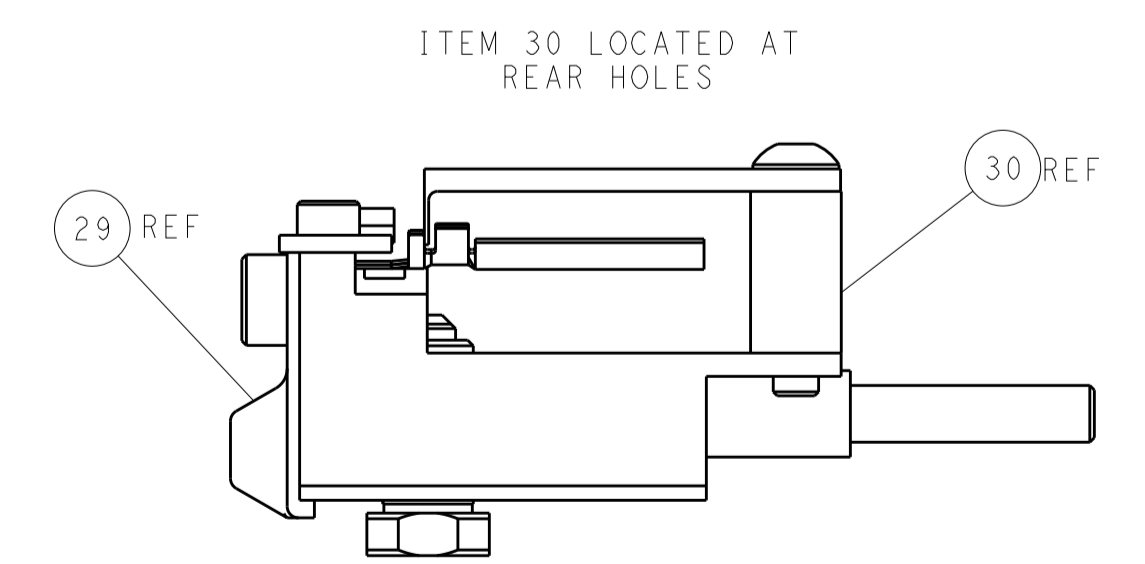
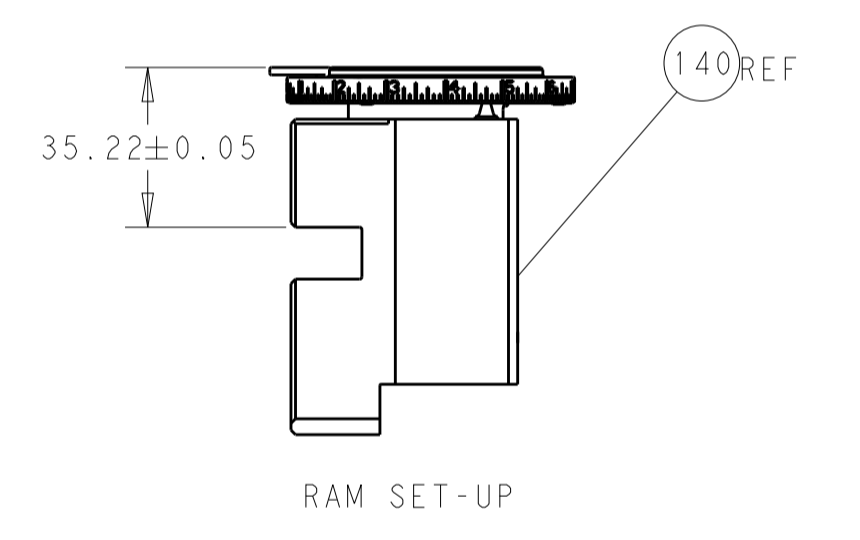
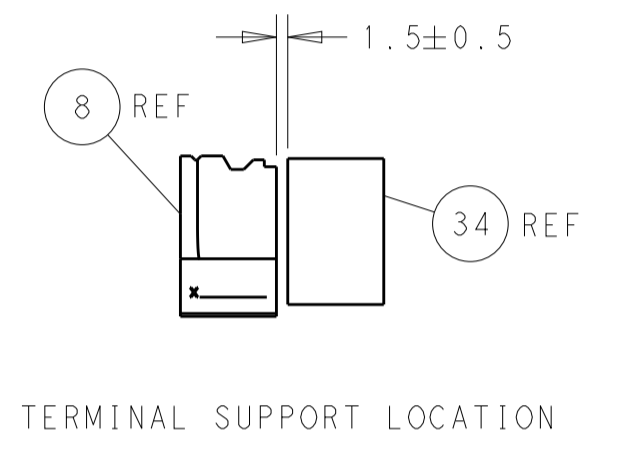
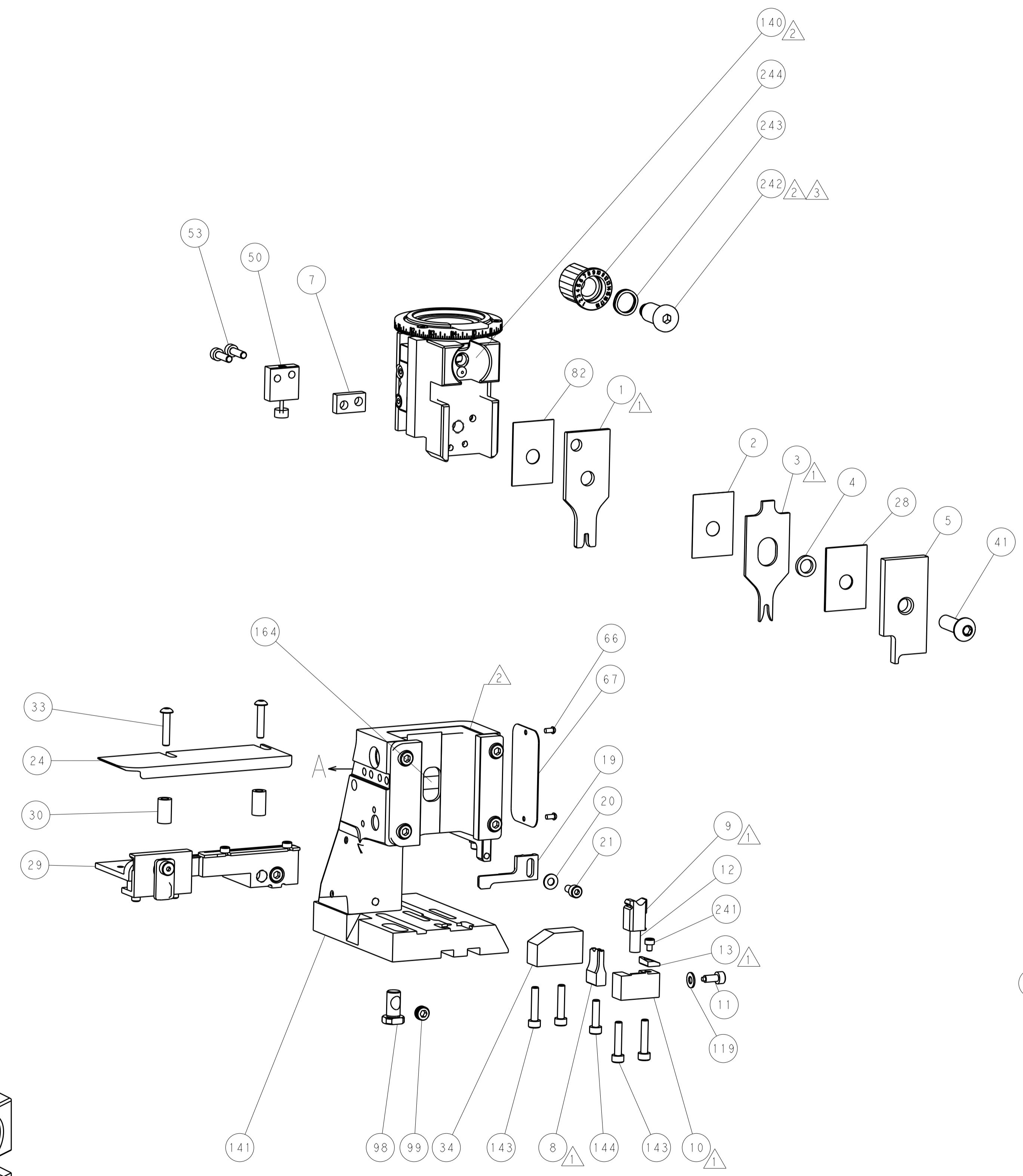
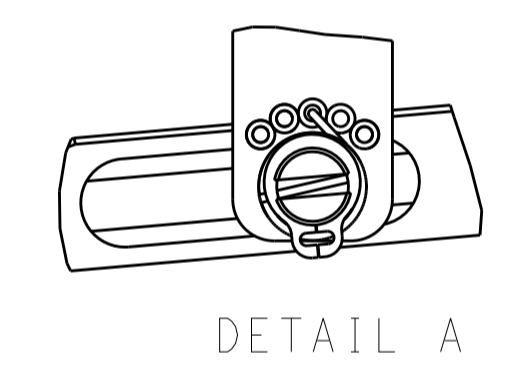
FEED TYPE MECHANICAL



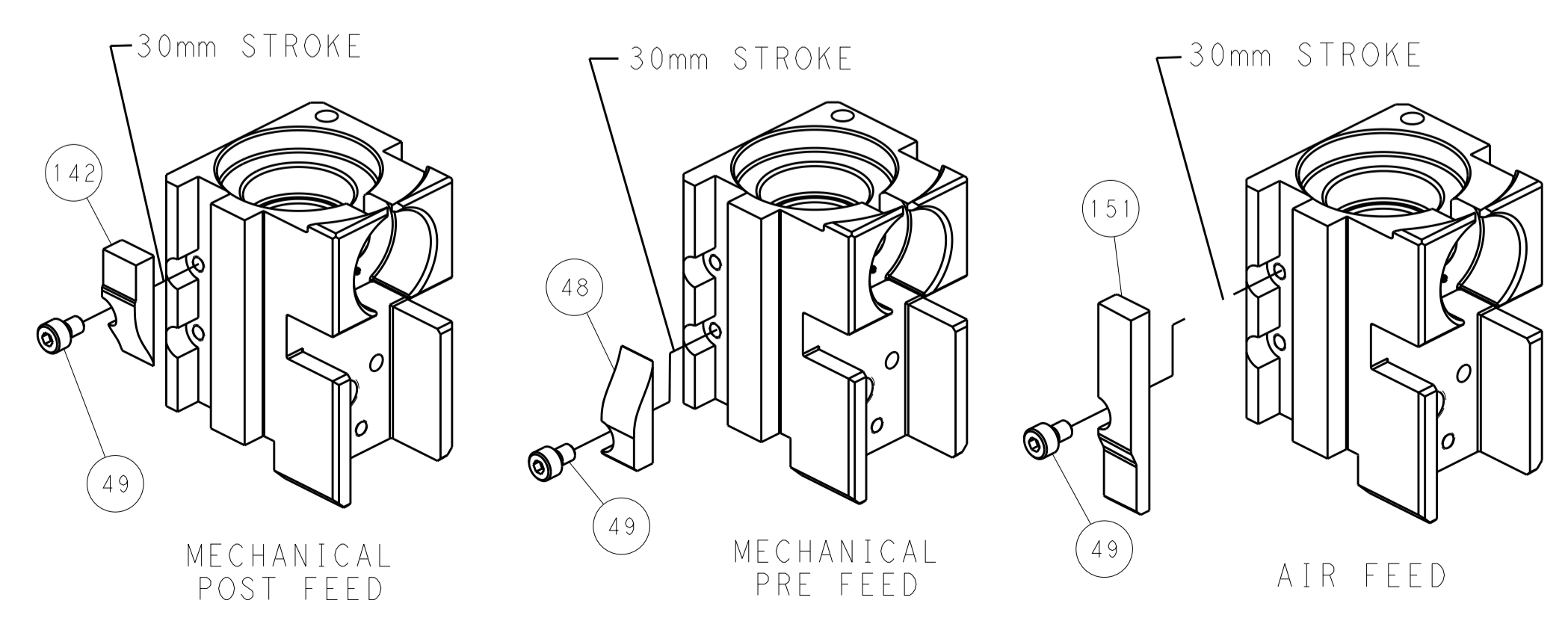
PNEUMATIC



FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



CAM POSITIONS



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

<small>THE DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES AND IN THE MANNER SPECIFIED BY THE DRAWING. IT IS TO BE RETURNED TO TYCO ELECTRONICS CORPORATION UPON REQUEST.</small>		DWN: C. MOYER 21DEC2010 CHK: J. CRUZ 21DEC2010 APVD: T. ELBIN 21DEC2010	NAME: TE Connectivity Harrisburg, PA 17105-3608
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	PRODUCT SPEC APPLICATION SPEC WEIGHT SCALE: 1:2	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2151101 SHEET 4 OF 4	RESTRICTED TO: E