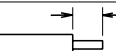


8		7	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151016-1	F	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151016-2	G	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
5-2151016-1	F	SEAL STRIPPER CRIMPER TERMINATING UNIT	MECHANICAL
5-2151016-2	G	SEAL STRIPPER CRIMPER TERMINATING UNIT	PNEUMATIC
7-2151016-1	F	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151016-2	G	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151016-7	B	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	2.29 mm [.090]	O
APPLICATOR INSTRUCTIONS 408-35042		

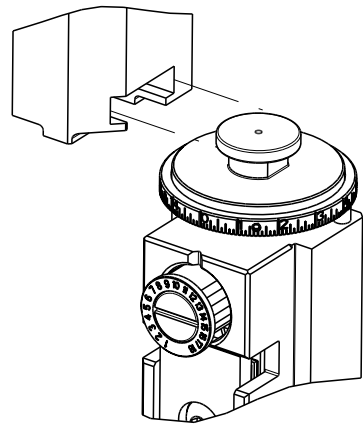
TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: PIN ASSEMBLY, .062 TYPE III+			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
3.58-4.34 mm [.141-.171 IN]			Ø1.02-2.03 mm [.040-.080 IN]
TERMINAL APPLICATION	(A)114-10004	-	-
SPECIFICATION	(B)114-10007	-	-
TERMINALS APPLIED 			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 66102-6	(A) 2-66104-3	(B) 1-66584-0	(A) 164160-4
(A) 66102-7	(A) 2-66104-5	(A) 170245-2	(A) 164160-7
(A) 66102-8	(A) 2-66104-7	(A) 163087-6	(A) 164160-8
(A) 66102-9	(A) 3-66104-0	(A) 163087-7	(A) 163085-8
(A) 2-66102-2	(A) 3-66104-2	(A) 163087-8	(A) 163085-9
(A) 2-66102-5	(A) 3-66104-3	(A) 163087-9	(A) 1-163085-1
(A) 2-66102-8	(B) 66583-2	(A) 1-163087-1	(A) 5-163085-2
(A) 66104-6	(B) 66583-4	(A) 1-163087-4	(A) 164819-2
(A) 66104-7	(B) 1-66583-0	(A) 1-163087-5	(A) 215325-1
(A) 66104-8	(B) 66584-2	(A) 5-163087-2	(A) 215325-2
(A) 66104-9	(B) 66584-4	(A) 164160-3	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
20 AWG or 0.50mm ²	1.07+/-0.05 [.042+/- .002]	7.4
22 AWG	0.97+/-0.05 [.038+/- .002]	8.6
24 AWG	0.91+/-0.05 [.036+/- .002]	9.4



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 180. 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 TERMINAL LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

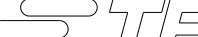
ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



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
			E	ECR-17-011389			04AUG2017	TB	JDG
			F	ECR-18-007362			14MAY2018	JAH	JDG
			G	ECR-19-009781			24JUN2019	FJ	TE
			G1	ECR-20-016667			23NOV2020	JWC	TE

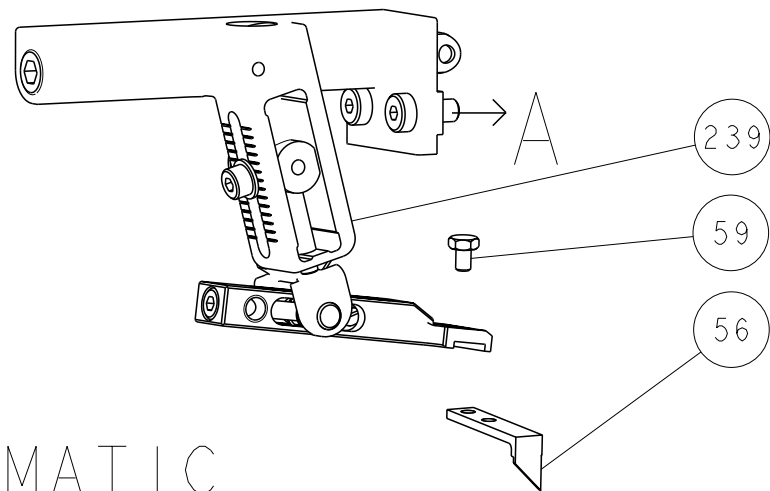
-	-	-	1	1	-	-	1803515-3	RAM ASSEMBLY, SF ATLANTIC	293
-	-	-	1	1	-	-	2-1803583-1	APPLICATOR BASIC ASSEMBLY, SF	292
-	1	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	1	1	2119082-5	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	1	1	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	-	2844940-1	AIR FEED MODULE	238
-	-	-	1	1	-	-	4-1722335-3	STRIPPER, SIDE FEED	182
-	-	-	1	1	-	-	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	181
-	-	-	1	1	-	-	2-1752354-1	STANDOFF,HOLD-DOWN	180
-	-	-	1	1	-	-	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
-	-	-	1	1	-	-	5-22280-0	SPRING, COMPRESSION	176
-	-	-	1	1	-	-	1752353-3	GUIDE PIN,HOLDDOWN	175
-	-	-	1	1	-	-	1901680-2	GUIDE PIN,HOLDDOWN	174
-	REF	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	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	455888-7	SPACER, CRIMPER	82
-	1	1	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	1	1	1	1	2119791-9	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
-	2	2	2	2	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	53
-	1	1	1	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51
-	1	1	1	1	1	1	690753-2	SPACER, TONKER	50
-	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	1803515-1	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	1752356-1	SUPPORT, TERMINAL	34
-	2	2	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	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
-	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	1803095-3	FLOATING SHEAR, FRONT -	9
1	2	2	1	1	1	1	1333202-2	ANVIL, COMBINATION	8
-	1	1	1	1	1	1	240641-3	SPACER	7
-	-	-	-	-	-	-	-	-	6
-	1	1	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	1	238011-9	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	1	1	1803019-5	CRIMPER, INSULATION O	3
-	-	-	-	-	-	-	-	-	2
1	2	2	1	1	1	1	1-1633860-8	CRIMPER, WIRE	1

-77 -72 -71 -52 -51 -2 -1						PART NO		DESCRIPTION			ITEM NO				
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ENGINEERING ORGANIZATION. CHANGES SHOULD BE CONTACTED FOR THE LATEST REVISION.						DWN	15JAN2013	 TE Connectivity Harrisburg, PA 17105-3608							
						HOFFNER									
DIMENSIONS:						CHK	16JAN2013								
						T.ELBIN	16JAN2013								
mm						APVD	16JAN2013	NAME	Ocean Side Feed Applicator						
						T.ELBIN									
						PRODUCT SPEC									
						APPLICATION SPEC									
						SIZE	CASE CODE	DRAWING NO	RESTRICTED TO						
						A1	00779	©=2151016							
MATERIAL						FINISH	WEIGHT								
-						-	-								
								Customer Accessible Production Drawing							
								SCALE	1:2	SHEET	1	OF	4	REV	G1

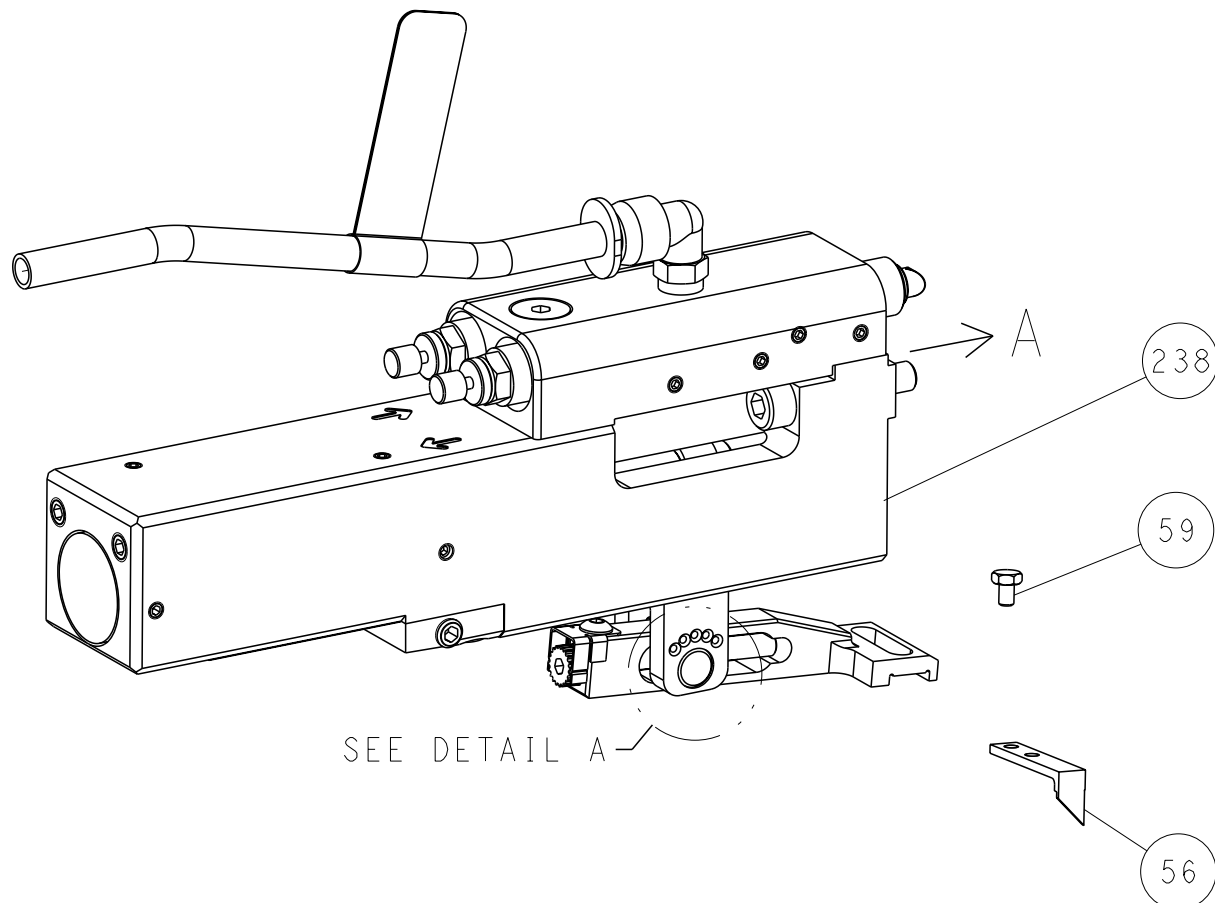
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

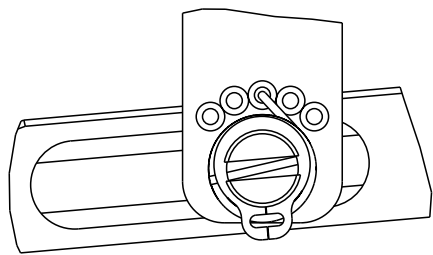
FEED TYPE
MECHANICAL



PNEUMATIC

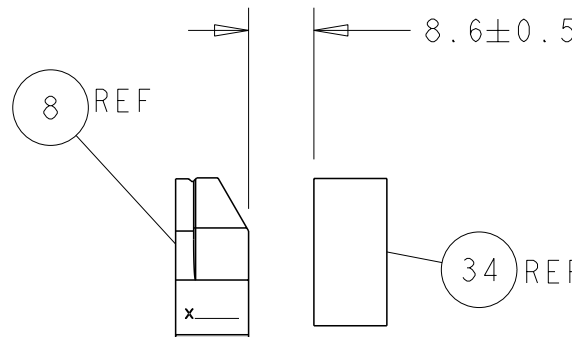
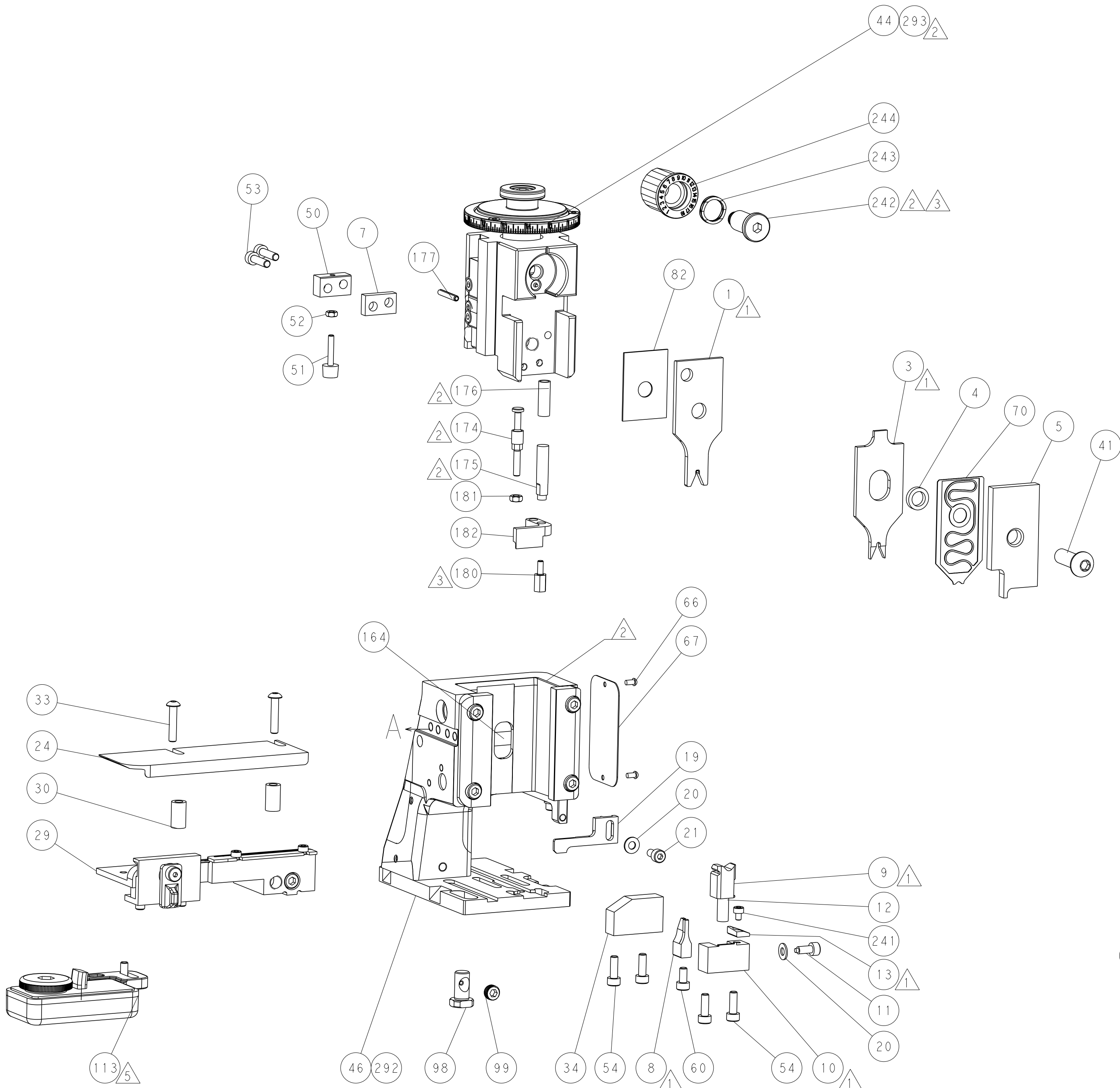
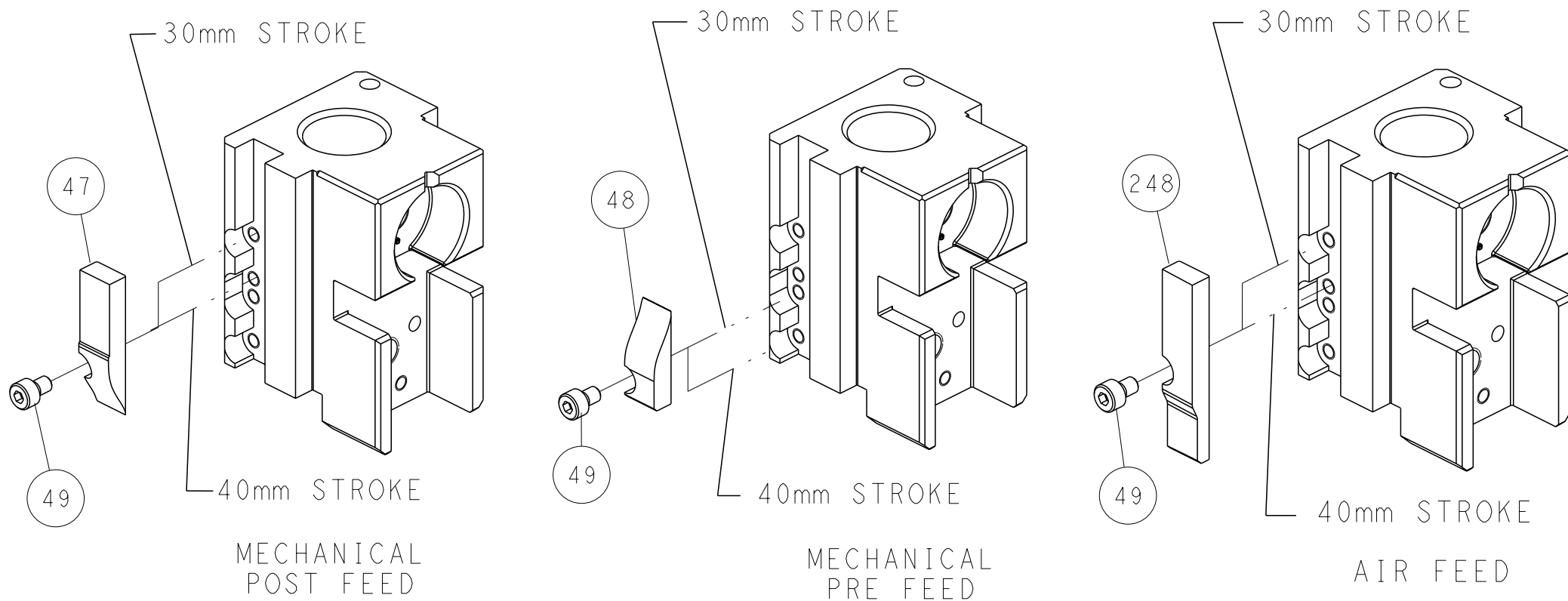


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

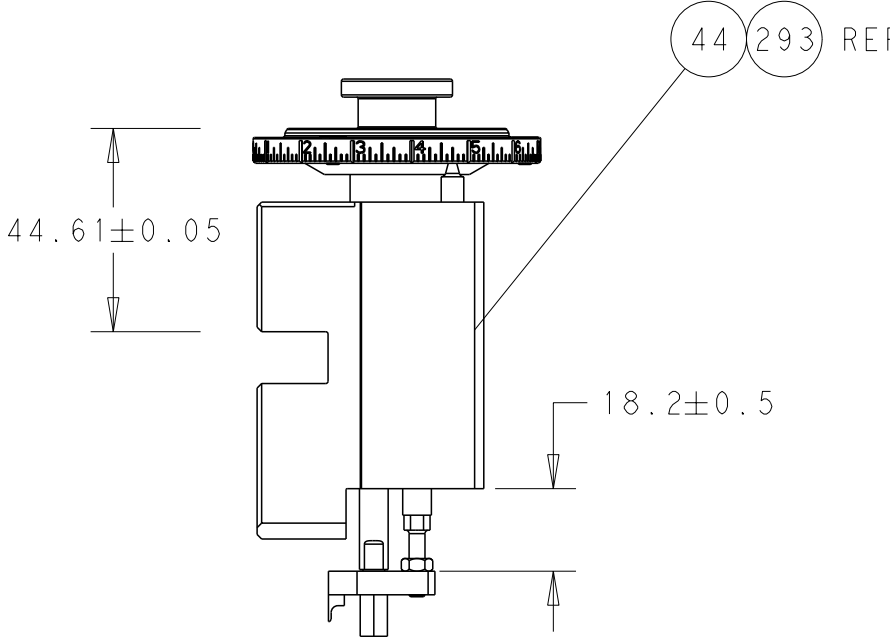


DETAIL A

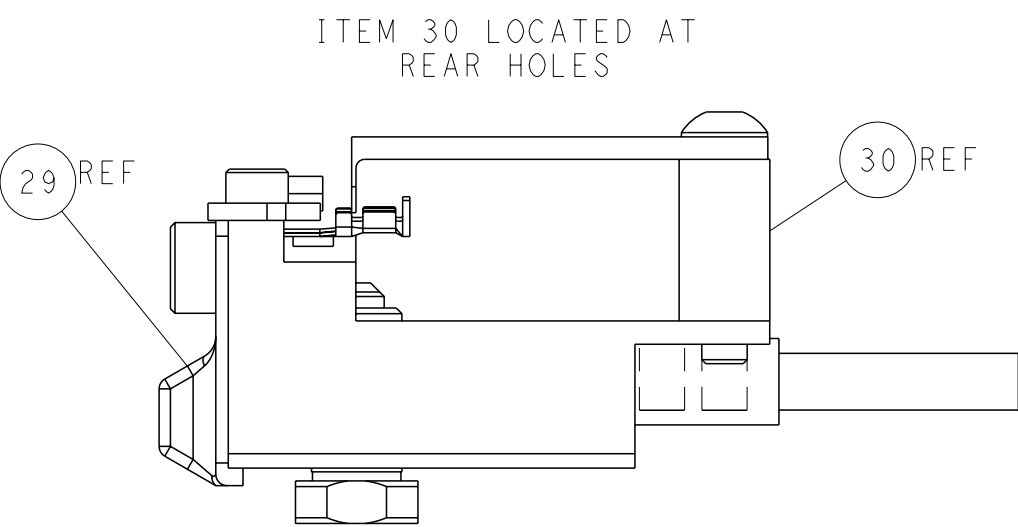
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM SET-UP



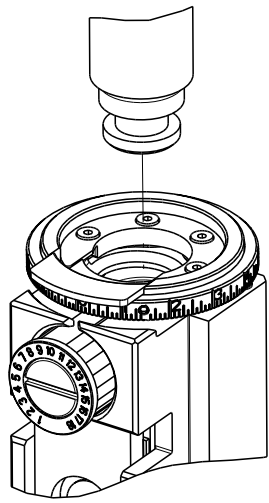
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

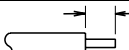
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN HOFFNER 15JAN2013		TE Connectivity	
mm		0 PLC ±		CHK T.ELBIN 16JAN2013		Harrisburg, PA 17105-3608	
		1 PLC ±		APVD T.ELBIN 16JAN2013		NAME	
		2 PLC ±		PRODUCT SPEC		Ocean Side Feed	
		3 PLC ±		APPLICATION SPEC		Applicator	
		4 PLC ±		WEIGHT		SIZE	
		FINISH		Customer Accessible Production Drawing		CAGE CODE DRAWING NO	
				SCALE		A1 00779 C=2151016	
				SHEET		2 of 4	
				REV		G1	

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151016-1	F	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151016-2	G	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151016-7	B	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.57 mm [.062]	F
INSUL	2.29 mm [.090]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: PIN ASSEMBLY, .062 TYPE III+			
WIRE STRIP LENGTH 3.58-4.34 mm [.141-.171 IN]			INSULATION DIAMETER RANGE Ø1.02-2.03 mm [.040-.080 IN]
TERMINAL APPLICATION SPECIFICATION	(A)114-10004	-	-
	(B)114-10007	-	-
TERMINALS APPLIED 			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 66102-6	(A) 2-66104-3	(B) 1-66584-0	(A) 164160-4
(A) 66102-7	(A) 2-66104-5	(A) 170245-2	(A) 164160-7
(A) 66102-8	(A) 2-66104-7	(A) 163087-6	(A) 164160-8
(A) 66102-9	(A) 3-66104-0	(A) 163087-7	(A) 163085-8
(A) 2-66102-2	(A) 3-66104-2	(A) 163087-8	(A) 163085-9
(A) 2-66102-5	(A) 3-66104-3	(A) 163087-9	(A) 1-163085-1
(A) 2-66102-8	(B) 66583-2	(A) 1-163087-1	(A) 5-163085-2
(A) 66104-6	(B) 66583-4	(A) 1-163087-4	(A) 164819-2
(A) 66104-7	(B) 1-66583-0	(A) 1-163087-5	(A) 215325-1
(A) 66104-8	(B) 66584-2	(A) 5-163087-2	(A) 215325-2
(A) 66104-9	(B) 66584-4	(A) 164160-3	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
20 AWG or 0.50mm ²	1.07+/-0.05 [.042+/- .002]	7.4
22 AWG	0.97+/-0.05 [.038+/- .002]	8.6
24 AWG	0.91+/-0.05 [.036+/- .002]	9.4



- 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 TERMINAL LUBRICANT IS RECOMMENDED.

6. 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				
		#	LYR	DESCRIPTION	DATE	OWN
A	66	-	-	SEE SHEET 1	-	-

-	1	1	2119082-5	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	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
5	-	1	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	455888-7	SPACER, CRIMPER	82
-	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	2119791-9	DEPRESSOR, WIRE	70
-	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	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	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
-	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1320928-6	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	1803095-3	FLOATING SHEAR, FRONT -	9
1	1	1	1333202-2	ANVIL, COMBINATION	8
-	1	1	240641-3	SPACER	7
-	-	-	-	-	6
-	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	238011-9	BLOCK, CRIMPER SPACER	4
1	1	1	1803019-5	CRIMPER, INSULATION O	3
-	-	-	-	-	2
1	1	1	1-1633860-8	CRIMPER, WIRE	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

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 CONTROLLED DOCUMENT FOR THE ELECTRONIC COMPONENTS INDUSTRY. IT IS SUBJECT TO CHANGE AND TO BE USED FOR THE LATEST REVISION. SHOULD BE CONTACTED FOR THE LATEST REVISION.		OWN HOFFNER 15JAN2013	TE Connectivity Harrisburg, PA 17105-3608		
DIMENSIONS: mm		CHK T.ELBIN 16JAN2013	NAME Ocean Side Feed Applicator		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		APVD T.ELBIN 16JAN2013	PRODUCT SPEC		
MATERIAL -			APPLICATION SPEC		
			WEIGHT -		
			SIZE A1		
			CASE CODE 00779		
			DRAWING NO C=2151016		
			RESTRICTED TO -		
			Customer Accessible Production Drawing		
			SCALE 1:2		
			SHEET 3		
			OF 4		
			REV G1		

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

D

C

B

A

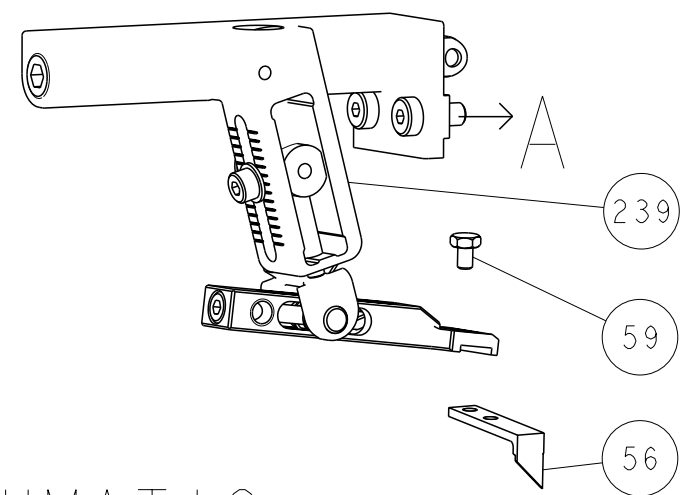
D

C

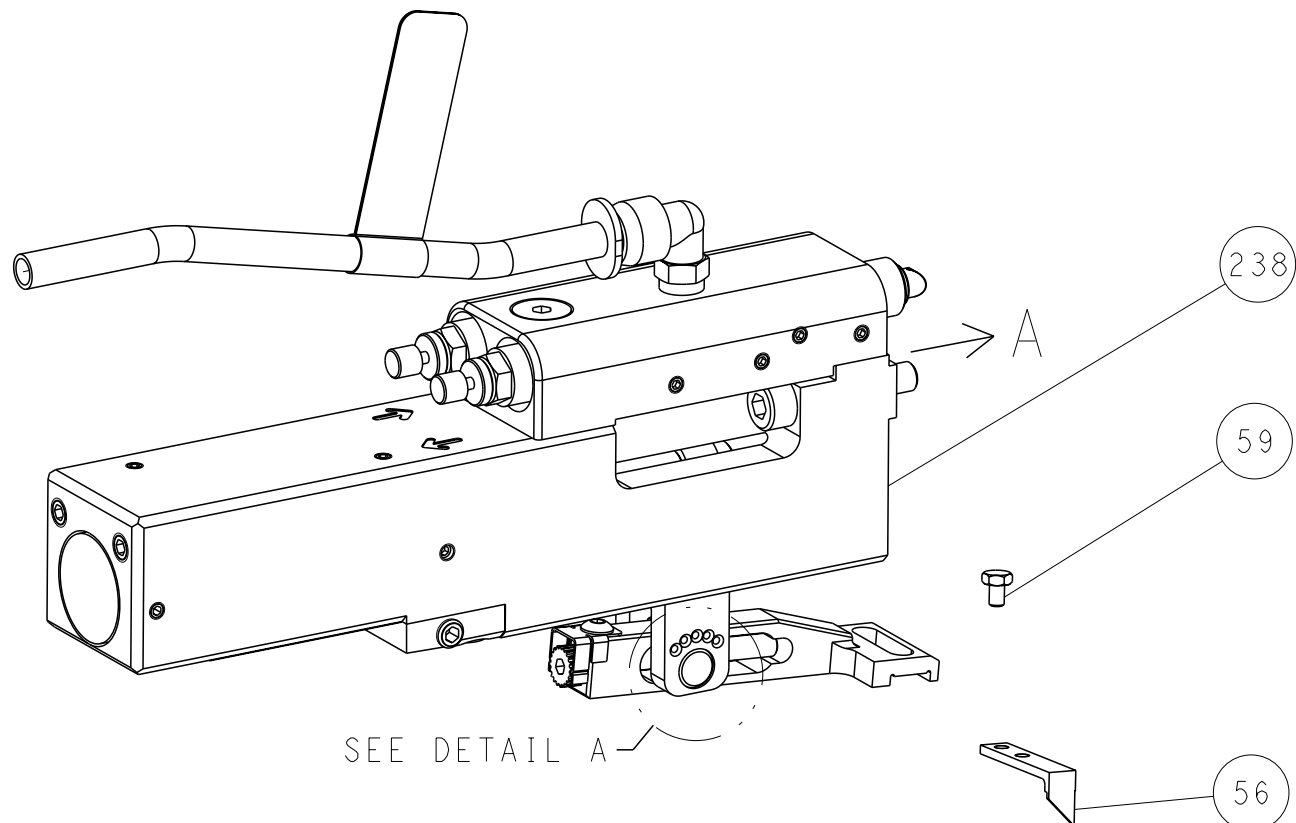
B

A

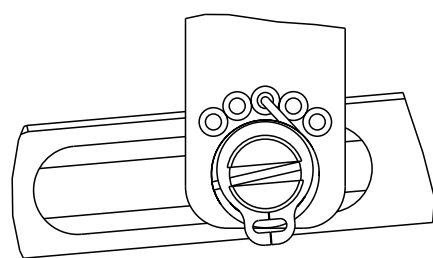
FEED TYPE MECHANICAL



PNEUMATIC

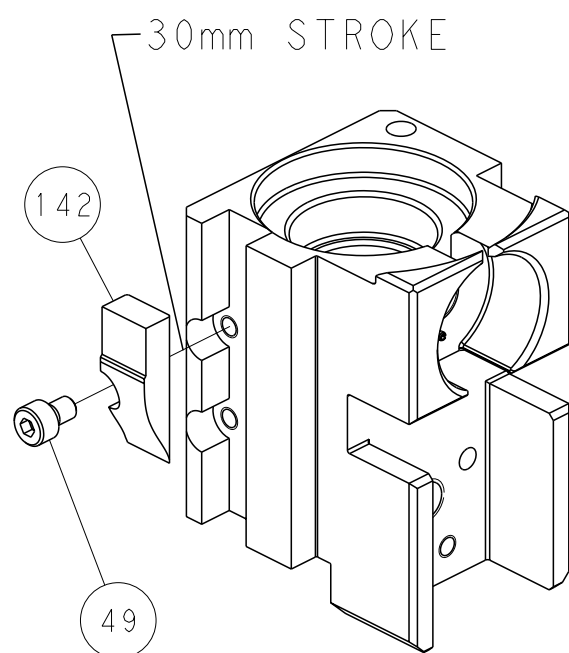


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

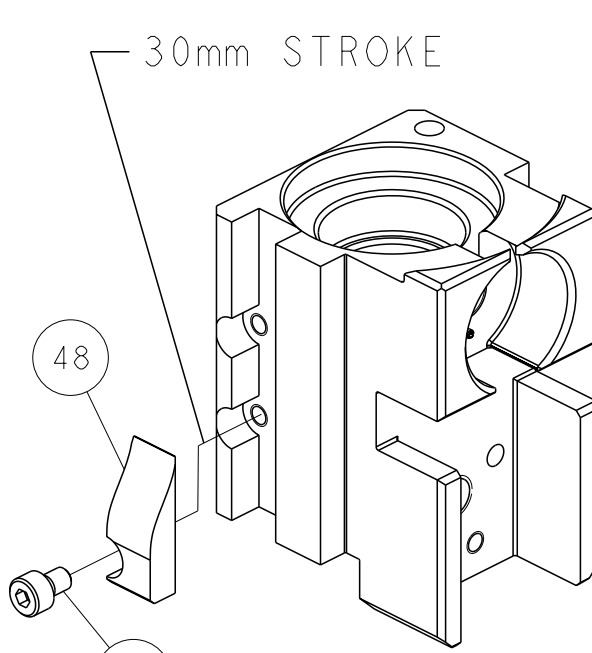


DETAIL A

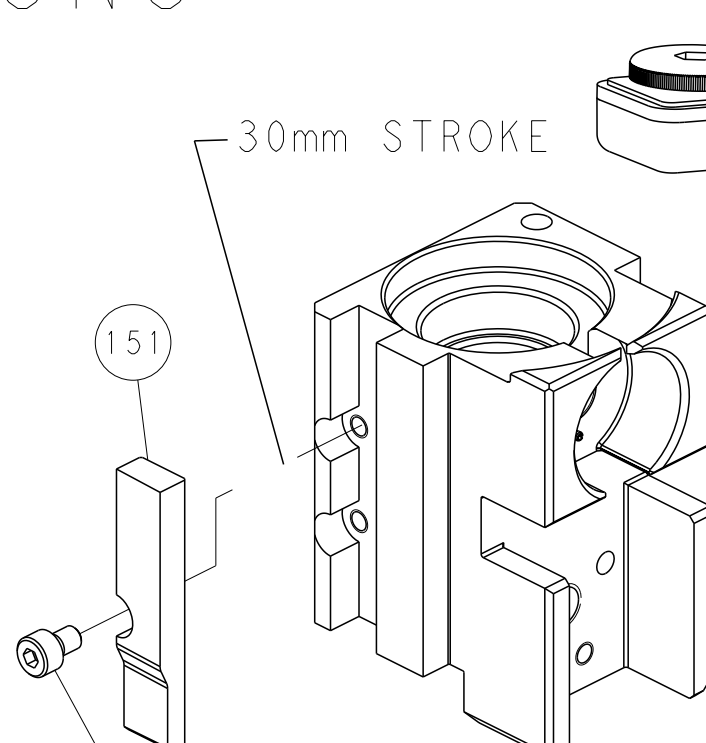
CAM POSITIONS



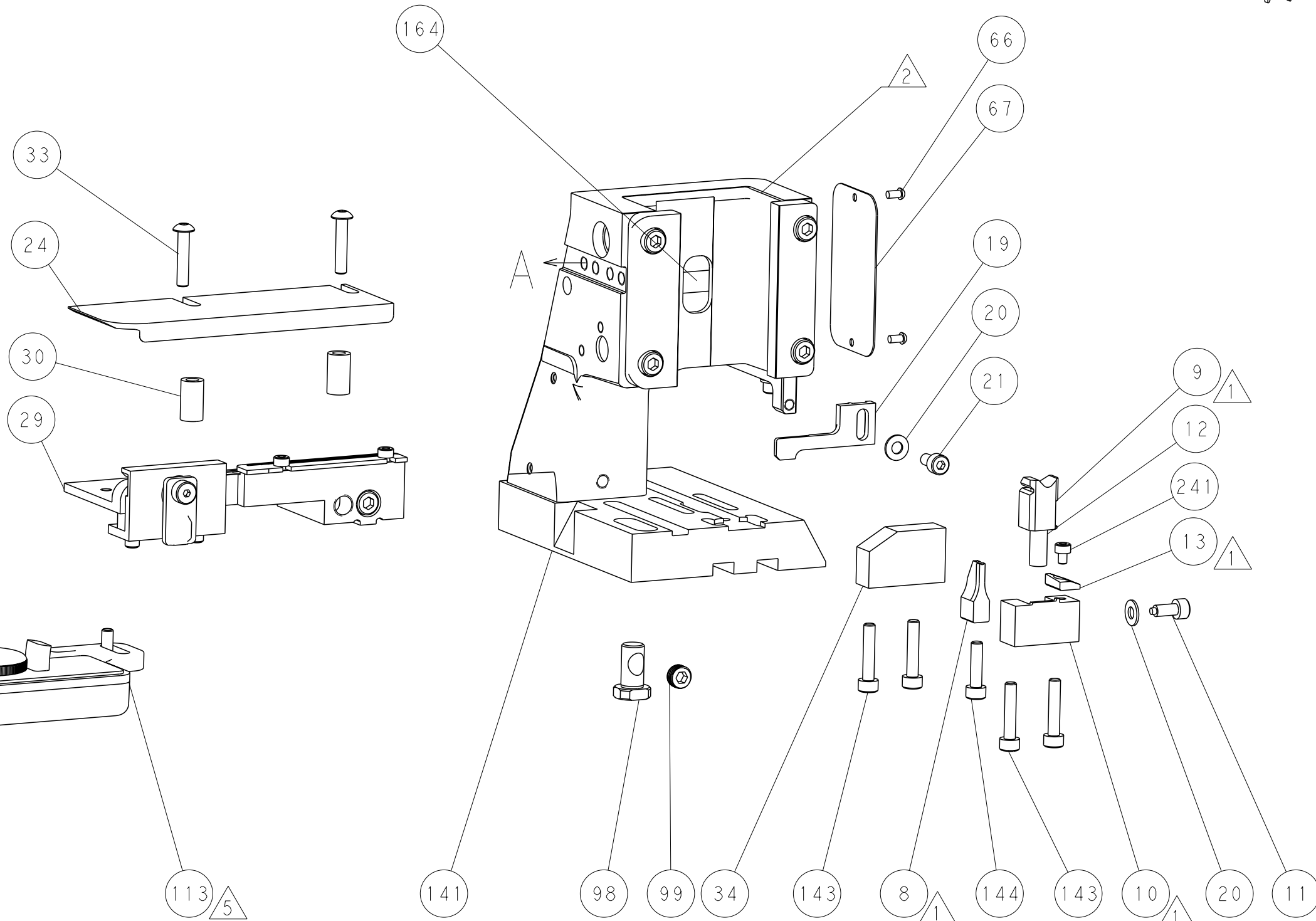
MECHANICAL
POST FEED



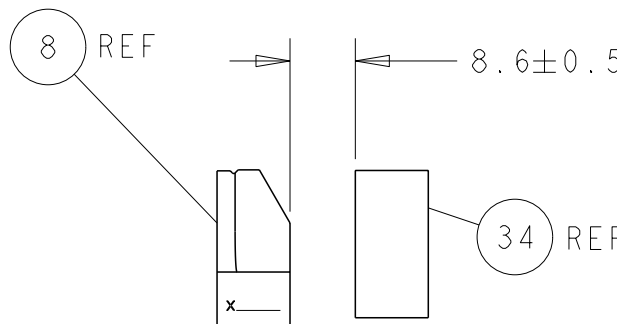
MECHANICAL
PRE FEED



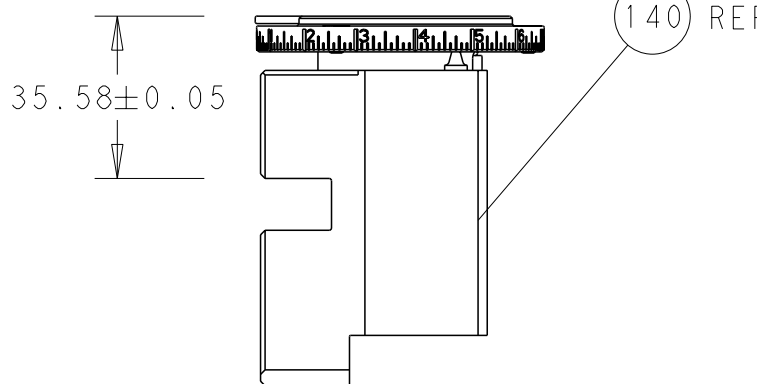
AIR FEED



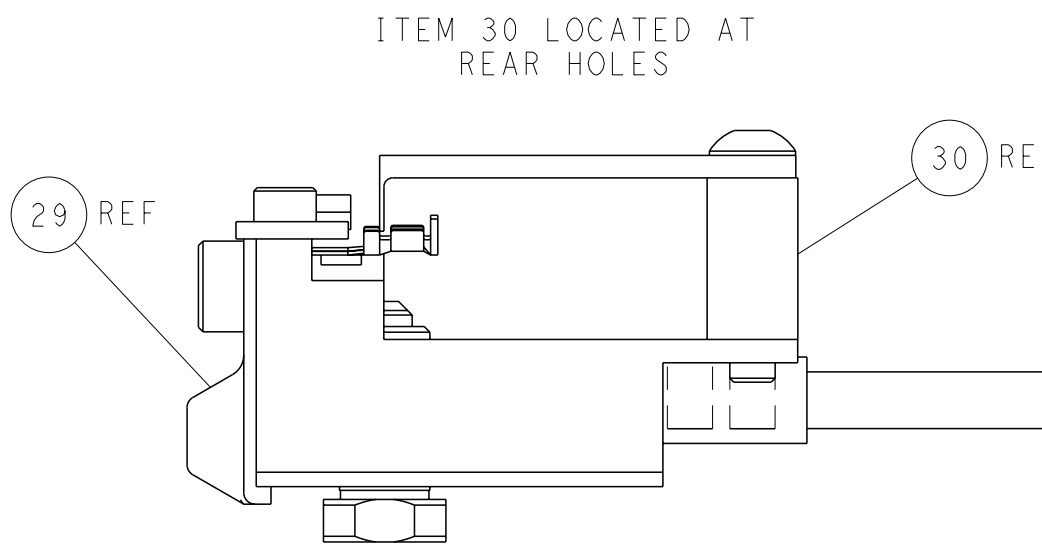
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)



TERMINAL SUPPORT LOCATION



RAM SET-UP



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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		CHK	T.ELBIN	16JAN2013				
		APVD	T.ELBIN	16JAN2013	NAME			
					Ocean Side Feed Applicator			
					SIZE			
					A1 00779 C=2151016			
					Customer Accessible Production Drawing			
					SCALE			
					1:2 SHEET 4 OF 4 REV G1			

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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