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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151930-1	L	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151930-2	L	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
5-2151930-1	L	SEAL STRIPPER CRIMPER TERMINATING UNIT	MECHANICAL
5-2151930-2	L	SEAL STRIPPER CRIMPER TERMINATING UNIT	PNEUMATIC
7-2151930-1	L	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151930-2	L	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151930-7	A	CRIMP TOOLING KIT	-

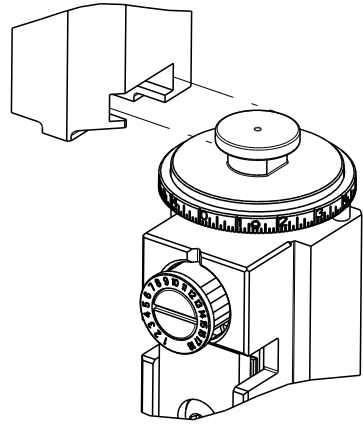
APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.35 mm [.053]	F
INSUL	1.40 mm [.055]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: JST TERMINAL		JST CRIMP SPECIFICATION	
TERMINAL NAME: TERMINAL, TAB AND RECEPTACLE			
WIRE STRIP LENGTH 3.10-3.90 mm [.122-.154 IN]		INSULATION DIAMETER RANGE Ø1.40-1.70 mm [.055-.067 IN]	
TERMINAL APPLICATION SPECIFICATION		H4009/017-00	
TERMINAL APPLICATION SPECIFICATION		-	
TERMINALS APPLIED			
TE TERMINAL	JST TERMINAL	TE TERMINAL	JST TERMINAL
1949498-1	SWPT-001T-P025	1949499-1	SWPR-001T-P025

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
22 AWG	0.92+/-0.05 [.036+/- .002]	8.2
24 AWG	0.85+/-0.05 [.033+/- .002]	8.9
26 AWG	0.80+/-0.05 [.031+/- .002]	9.7

- 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. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180.
- 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 LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- USE ITEM 34 FOR TERMINAL PN 1949498-1, USE ITEM 272 FOR TERMINAL PN 1949499-1.

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)

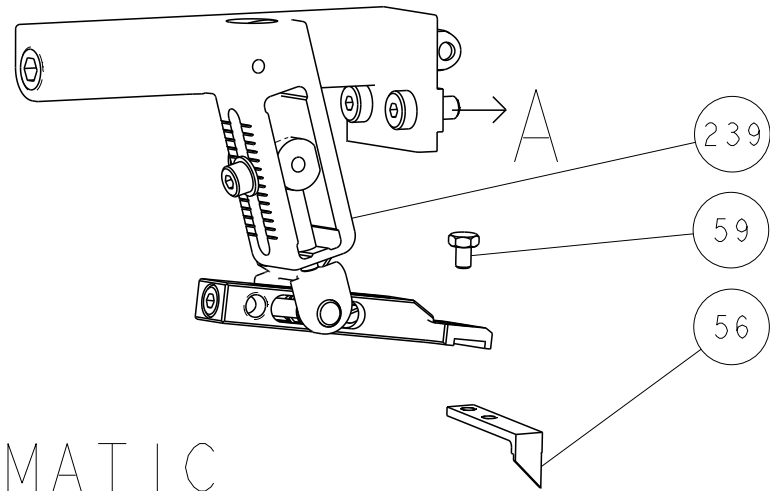
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		J1		ECR-19-016776	29OCT2019	FJ
		K		ECR-20-008153	08JUN2020	JAH
		L		ECR-22-142523	15JUN2022	TB

-	1	1	1	1	1	1	1-1803945-3	TONKER	300
-	1	1	1	1	1	1	22278-9	SPRING, COMPRESSION	299
-	2	2	2	2	2	2	4-18032-3	SCR, SET, FLT PNT, M3 X 6.0	298
-	1	1	1	1	1	1	1803944-1	SPACER, TONKER	297
-	-	-	1	1	-	-	1803515-3	RAM ASSEMBLY, SF ATLANTIC	293
-	-	-	1	1	-	-	2-1803583-1	APPLICATOR BASIC ASSEMBLY, SF	292
-	1	1	1	1	1	1	1752356-1	SUPPORT, TERMINAL	272
-	1	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	1	1	2119082-8	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	-	-	1-1752354-7	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	1-18028-2	WASHER, FLAT, REG M4	119
-	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	455888-5	SPACER, CRIMPER	82
-	1	1	1	1	1	1	1803607-3	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
-	2	2	2	2	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	53
-	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	1752356-2	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	1-455888-3	SPACER, CRIMPER	28
-	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	1-356885-3	STOP, SHEAR	11
-	1	1	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	1	1	1633861-4	SHEAR, FLOATING	9
1	2	2	1	1	1	1	2-1633932-6	ANVIL, COMBINATION	8
-	1	1	1	1	1	1	2-240641-4	SPACER	7
-	-	-	-	-	-	-	-	-	6
-	1	1	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	1	1	1-1803017-7	CRIMPER, INSULATION F	3
-	1	1	1	1	1	1	455888-4	SPACER, CRIMPER	2
1	2	2	1	1	1	1	3-1633713-6	CRIMPER, WIRE PREMIUM	1

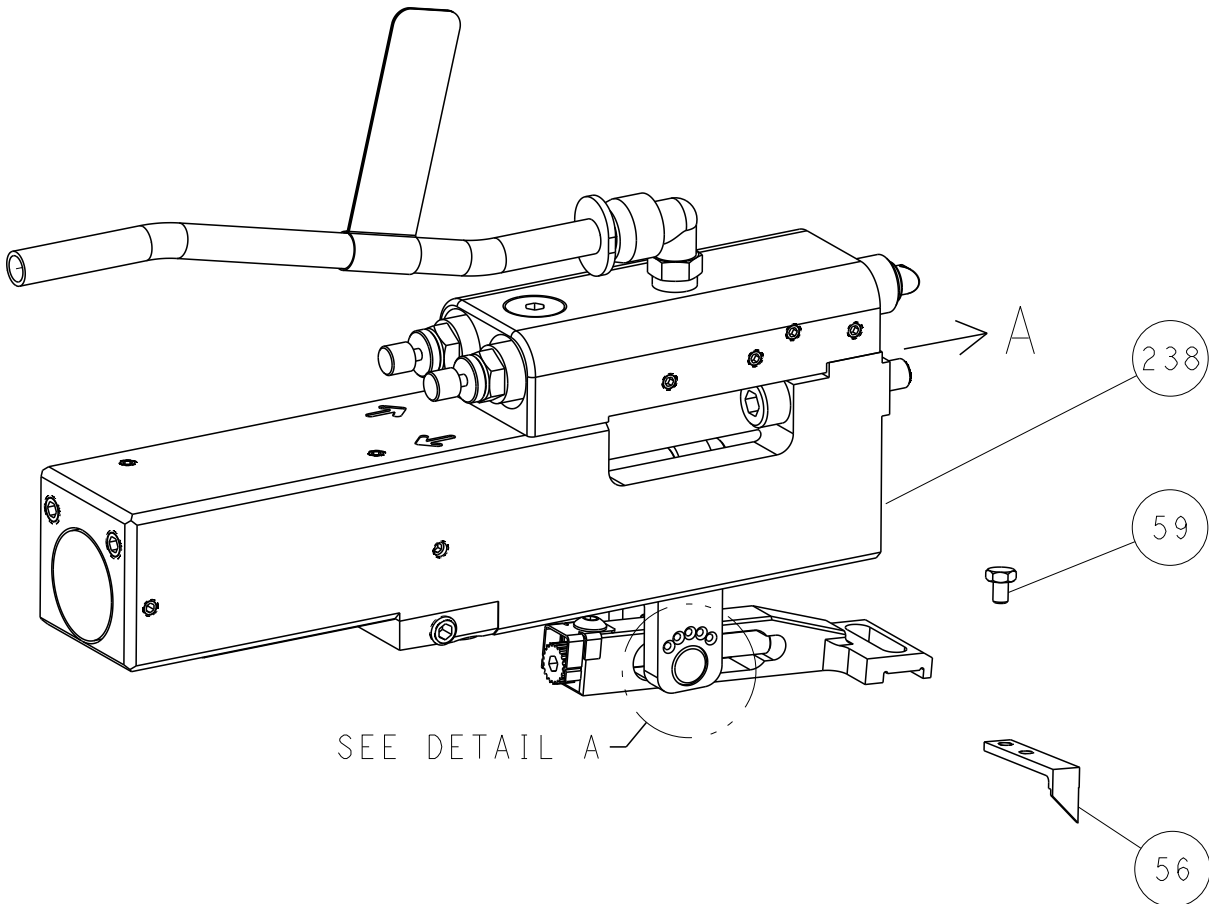
-77 -72 -71 -52 -51 -2 -1							PART NO		DESCRIPTION				ITEM NO	
THIS DRAWING IS A CONTROLLED DOCUMENT FOR YOUR ELECTRONIC CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION							DWN R.O.WILSON	15APR2013		TE Connectivity				
							CHK K.J.STAKEM	19APR2013		Harrisburg, PA 17105-3608				
							APVD T.L.ELBIN	19APR2013						
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:					NAME		Ocean Side Feed Applicator -					
mm														
														
		0 PLC	±.	1 PLC	±.	2 PLC	±.	3 PLC	±.	4 PLC	±.			
		ANGLES	±.	±.	±.	±.	±.	±.	±.	±.	±.			
MATERIAL		FINISH	-	-	-	-	-	-	-	-	-	RESTRICTED TO		
			-	-	-	-	-	-	-	-	-	-		
Customer Accessible Production Drawing							SCALE	1:2	SHEET	1	OF	4	REV	L

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

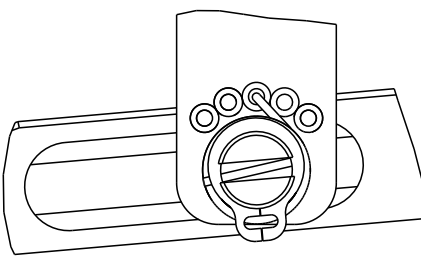
FEED TYPE MECHANICAL



PNEUMATIC

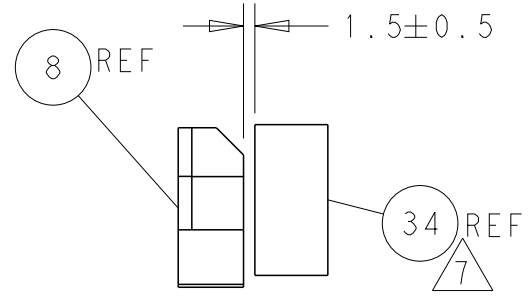
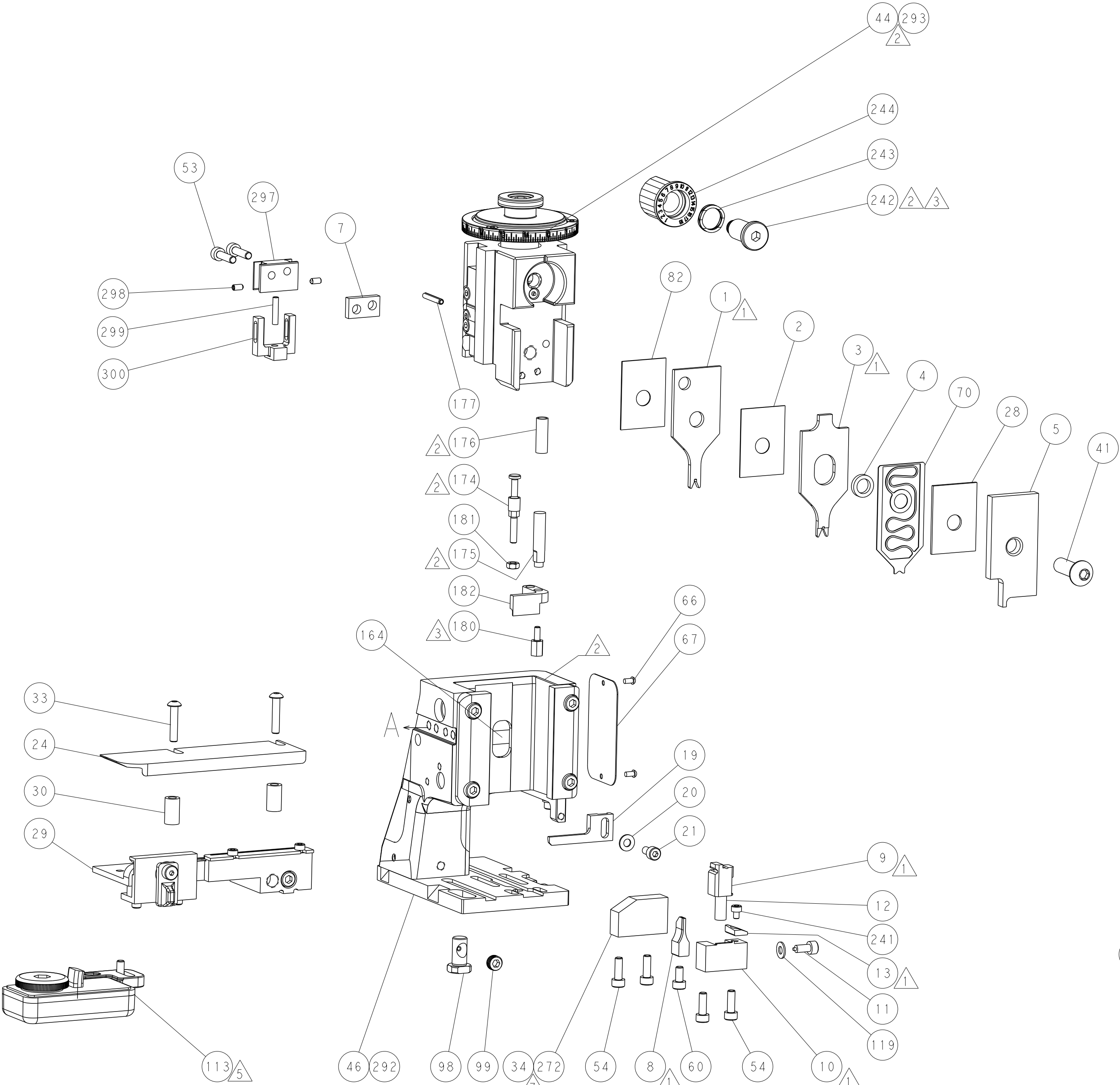
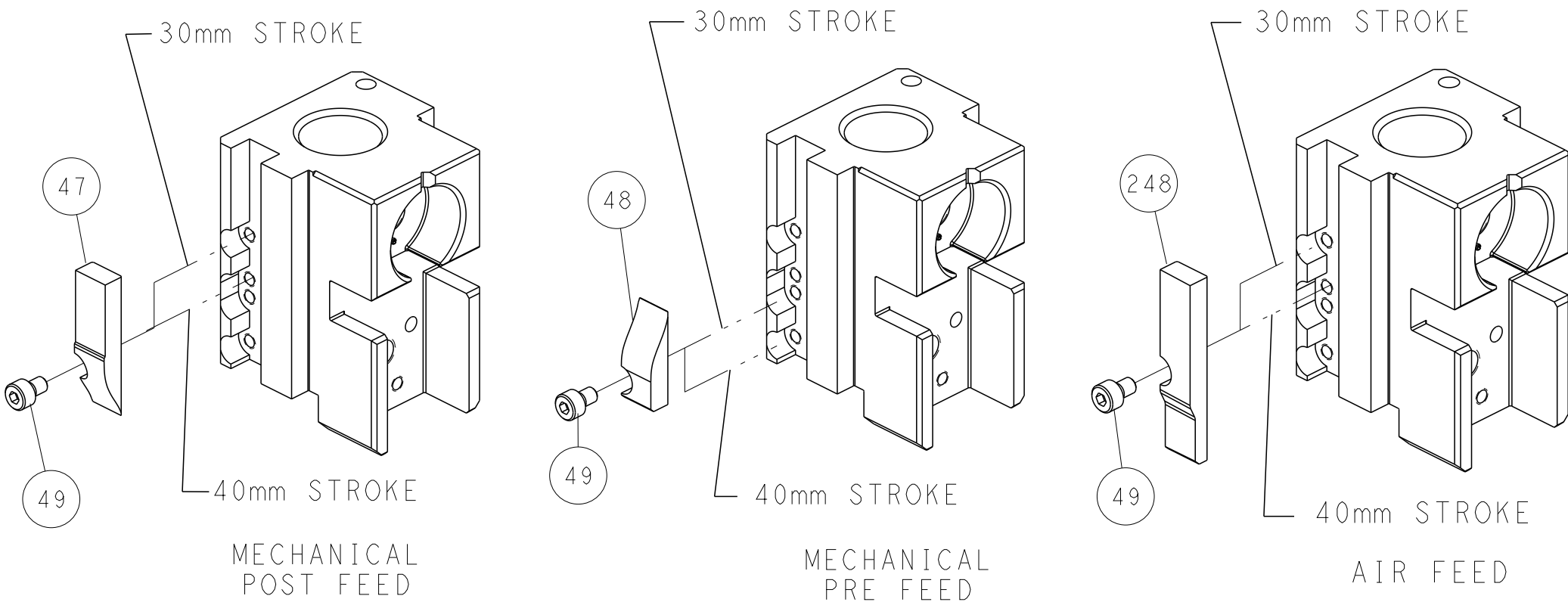


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

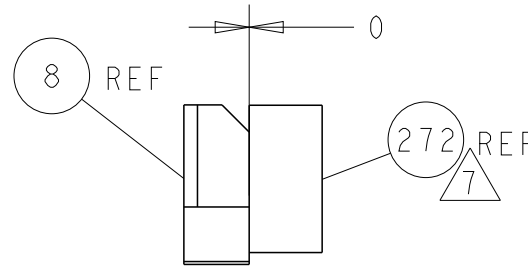


DETAIL A

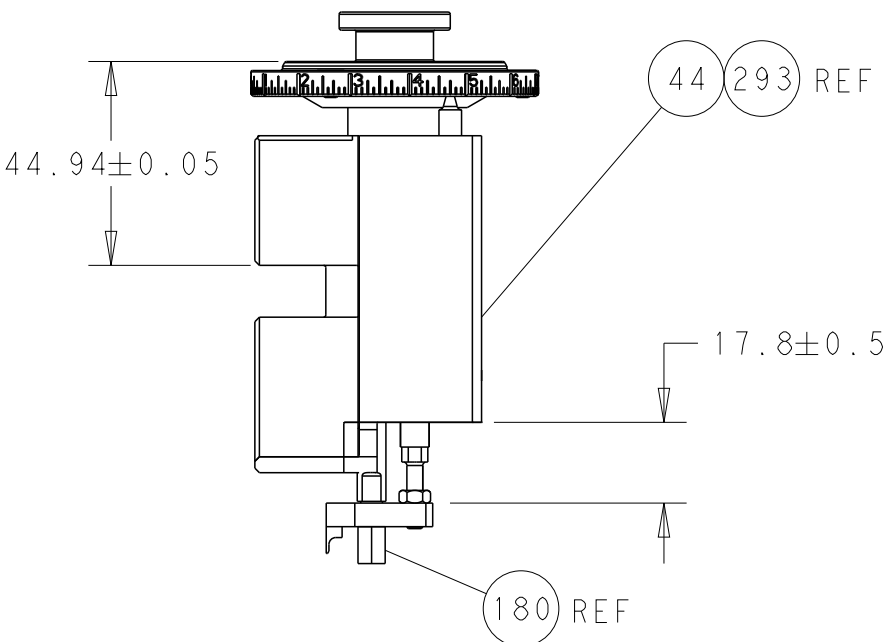
CAM POSITIONS



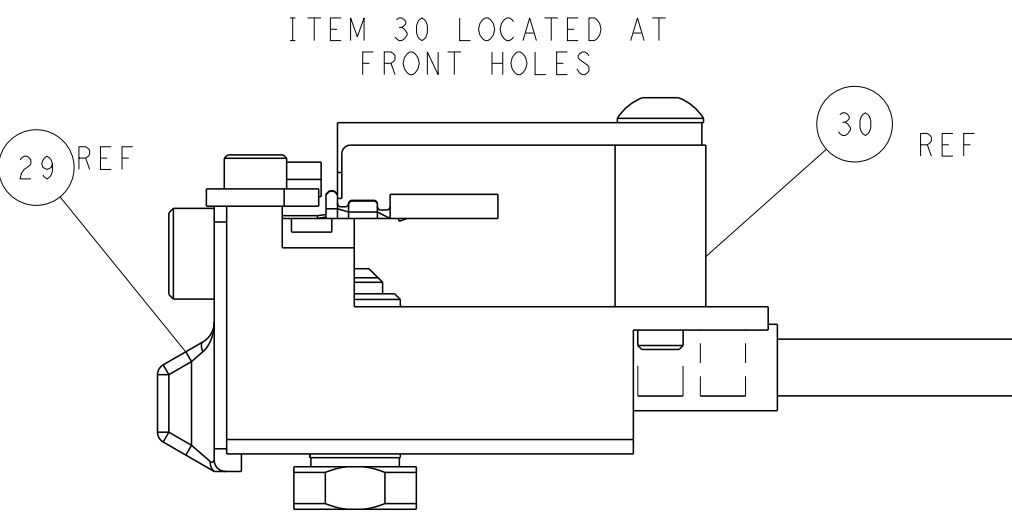
TERMINAL SUPPORT LOCATION
FOR TERMINAL PN 1949498-1



TERMINAL SUPPORT LOCATION
FOR TERMINAL PN 1949499-1



RAM AND HOLD DOWN SET-UP



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

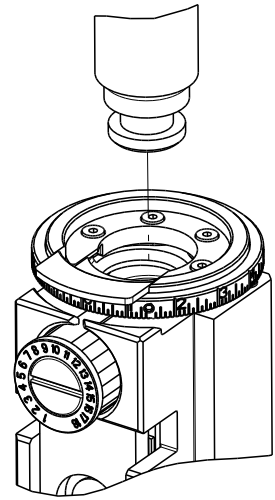
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS THE RESPONSIBILITY OF THE USER TO CONTACT THE ORGANIZATION FOR THE LATEST VERSION.				DWN: R.O. WILSON 15APR2013 CHK: K.J. STAKEM 19APR2013 APVD: T.L. ELBIN 19APR2013				TE Connectivity Harrisburg, PA 17105-3608			
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1 FINISH				NAME: Ocean Side Feed Applicator			
MATERIAL: -				WEIGHT: -				SIZE: A1 CAGE CODE: 00779 DRAWING NO: C-2151930			
Customer Accessible Production Drawing				SCALE: 1:2				SHEET 2 OF 4 REV L			

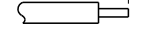
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151930-1	L	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151930-2	L	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151930-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.35 mm [.053]	F
INSUL	1.40 mm [.055]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: JST TERMINAL		JST CRIMP SPECIFICATION	
TERMINAL NAME: TERMINAL, TAB AND RECEPTACLE			
WIRE STRIP LENGTH 3.10-3.90 mm [.122-.154 IN]			INSULATION DIAMETER RANGE Ø1.40-1.70 mm [.055-.067 IN]
TERMINAL APPLICATION SPECIFICATION		H4009/017-00	
		-	-
TERMINALS APPLIED		-	-
TERMINALS APPLIED 			
TE TERMINAL	JST TERMINAL	TE TERMINAL	JST TERMINAL
1949498-1	SWPT-001T-P025	1949499-1	SWPR-001T-P025

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
22 AWG	0.92+/-0.05 [.036+/-0.002]	8.2
24 AWG	0.85+/-0.05 [.033+/-0.002]	8.9
26 AWG	0.80+/-0.05 [.031+/-0.002]	9.7



- 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.
- TERMINAL LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- USE ITEM 34 FOR TERMINAL PN 1949498-1, USE ITEM 272 FOR TERMINAL PN 1949499-1.

*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	-	-	-	

-	1	1	1-1803945-3	TONKER	300
-	1	1	22278-9	SPRING, COMPRESSION	299
-	2	2	4-18032-3	SCR, SET, FLT PNT, M3 X 6.0	298
-	1	1	1803944-1	SPACER, TONKER	297
-	1	1	1752356-1	SUPPORT, TERMINAL	272
-	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	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
-	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	2119791-5	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	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	1752356-2	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	1-455888-3	SPACER, CRIMPER	28
-	1	1	1320928-2	STRIP GUIDE	24
-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	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	1-356885-3	STOP, SHEAR	11
-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1633861-4	SHEAR, FLOATING	9
-	1	1	2-1633932-6	ANVIL, COMBINATION	8
-	1	1	2-240641-4	SPACER	7
-	-	-	-	-	6
-	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	238011-4	BLOCK, CRIMPER SPACER	4
-	1	1	1-1803017-7	CRIMPER, INSULATION F	3
-	1	1	455888-4	SPACER, CRIMPER	2
-	1	1	3-1633713-6	CRIMPER, WIRE PREMIUM	1

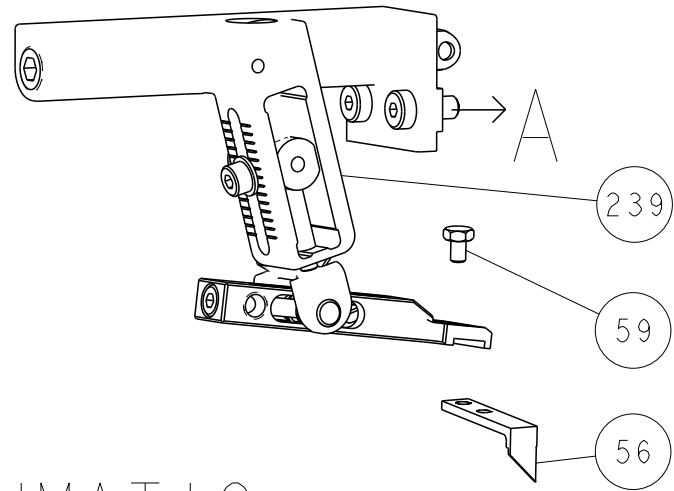
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO
OWN			R.O.WILSON	15APR2013	
CHK			K.J.STAKEM	19APR2013	
APVD			T.L.ELBIN	19APR2013	
DIMENSIONS:			TOLERANCES UNLESS OTHERWISE SPECIFIED:		
mm			0 PLC	±	
			1 PLC	±	
			2 PLC	±	
			3 PLC	±	
			4 PLC	±	
			ANGLES	±	
			FINISH	±	
MATERIAL			-	-	-
Customer Accessible Production Drawing			SCALE	1:2	SHEET 3 OF 4
			REV	L	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

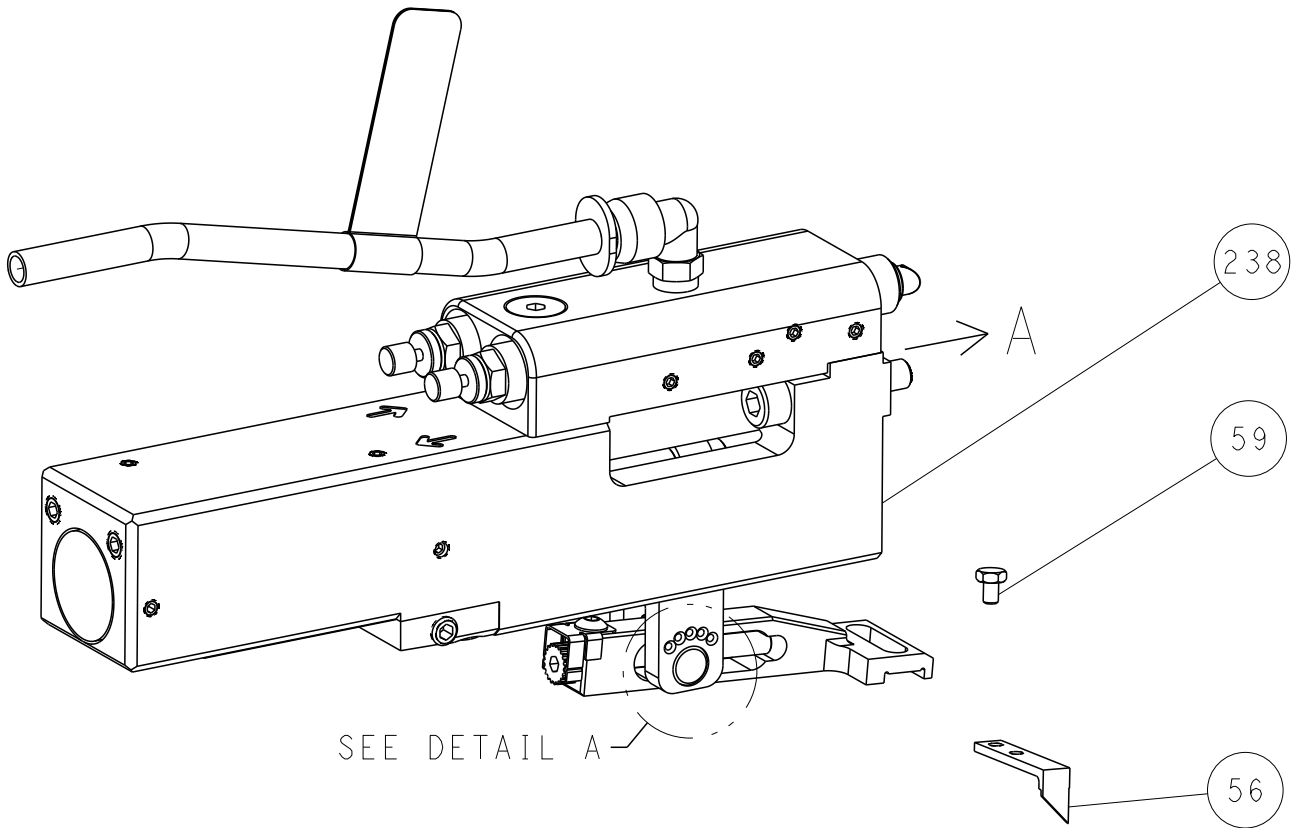
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	OWN
A	66	-	-	SEE SHEET 1	-	-

FEED TYPE

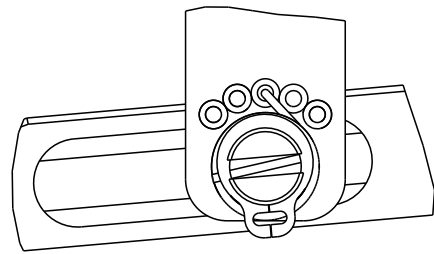
MECHANICAL



PNEUMATIC

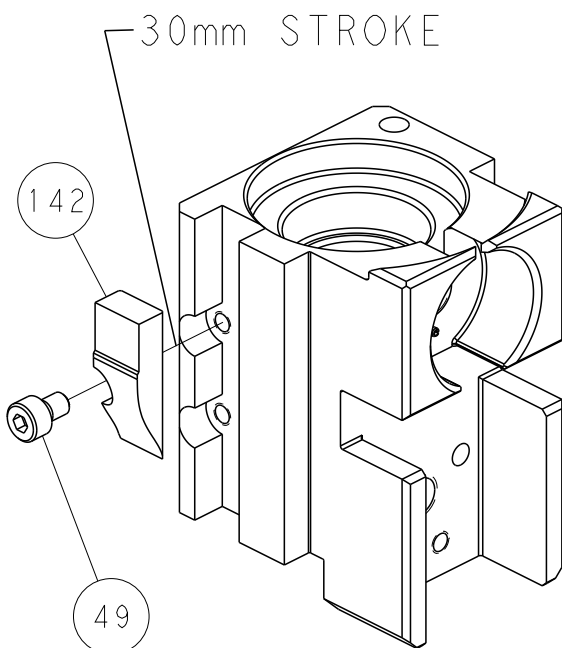


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

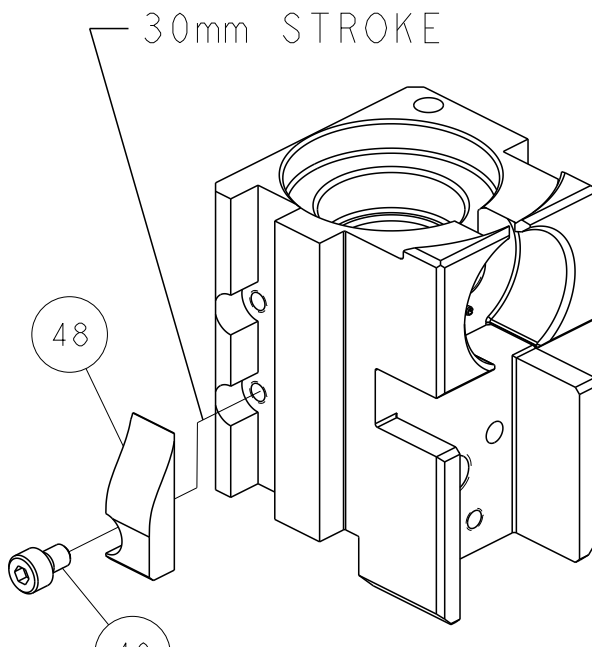


DETAIL A

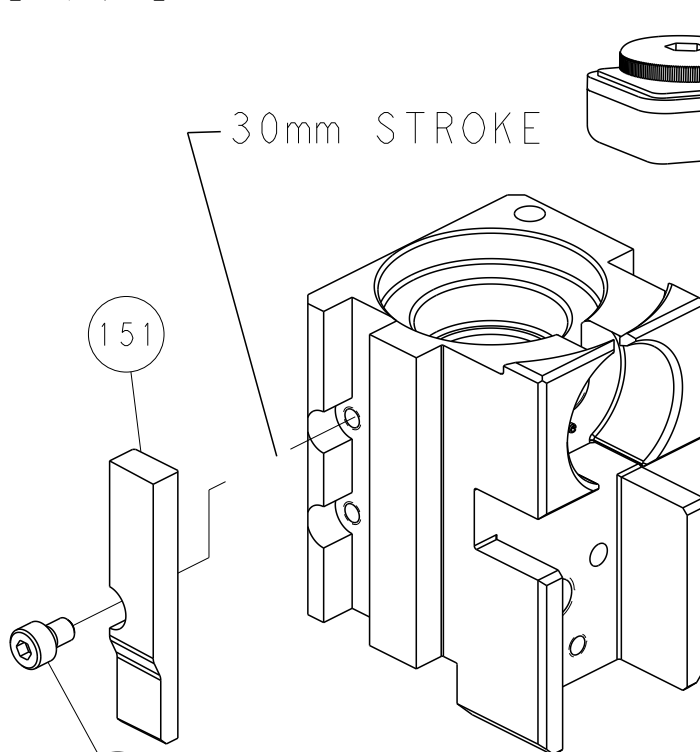
CAM POSITIONS



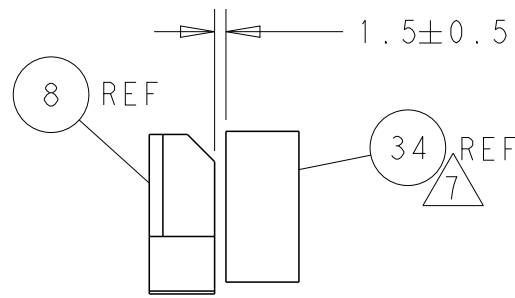
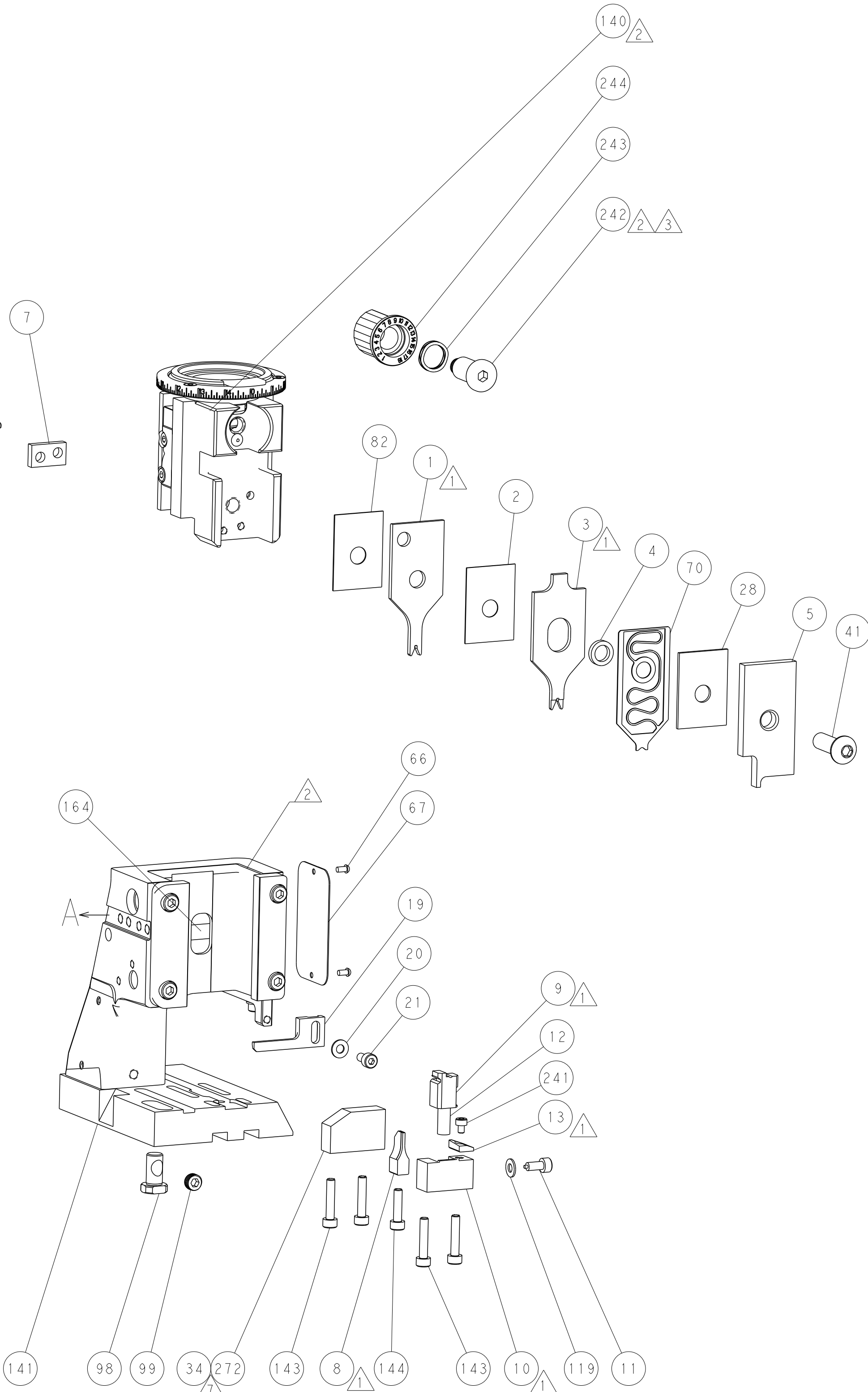
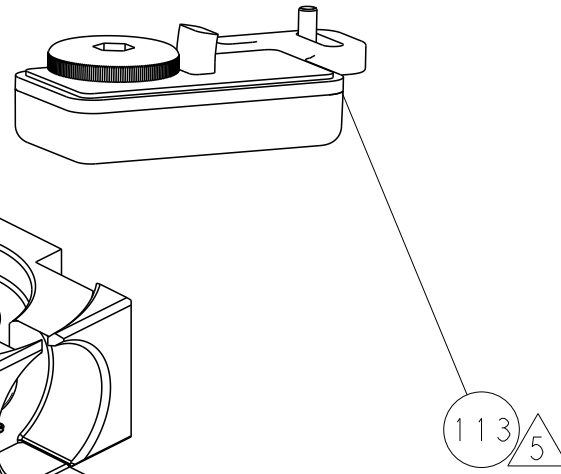
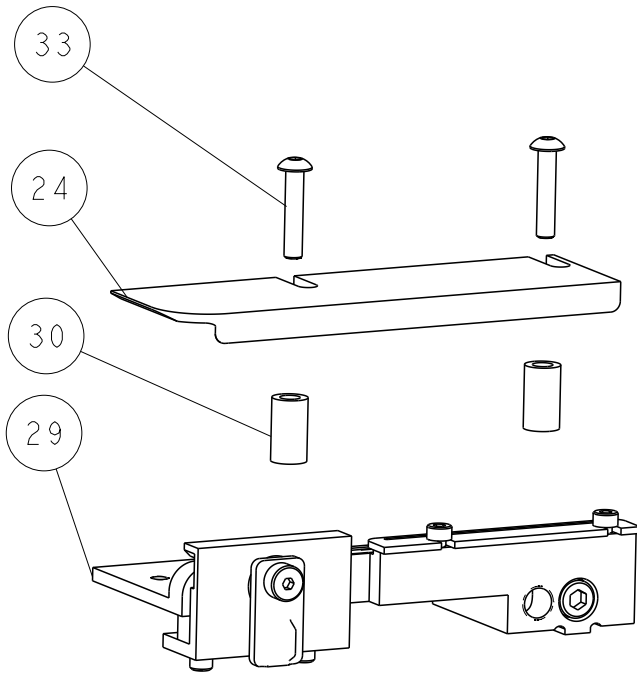
MECHANICAL
POST FEED



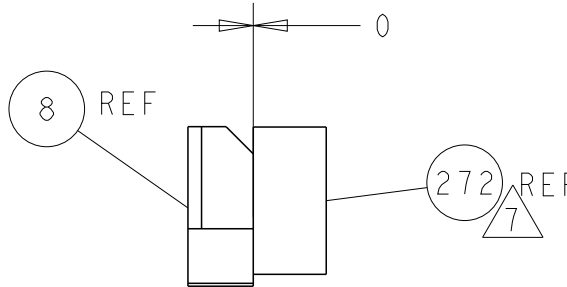
MECHANICAL
PRE FEED



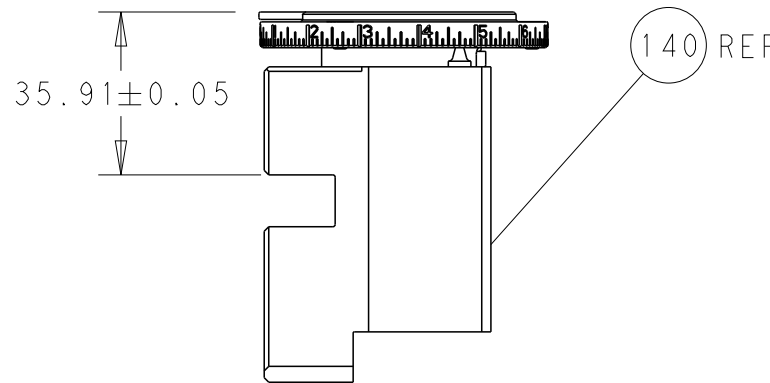
AIR FEED



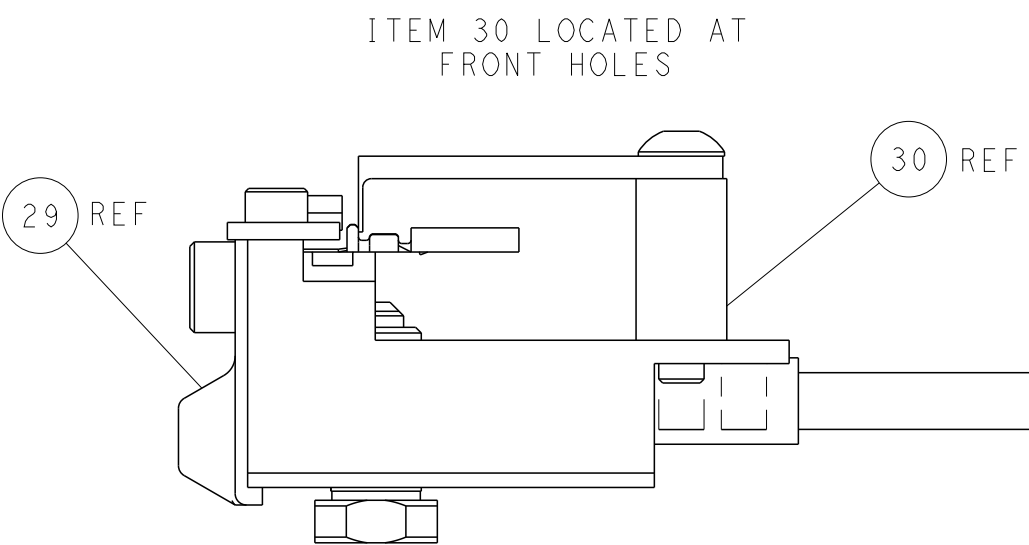
TERMINAL SUPPORT LOCATION
FOR TERMINAL PN 1949498-1



TERMINAL SUPPORT LOCATION
FOR TERMINAL PN 1949499-1



RAM SET-UP



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 UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR THE LATEST VERSION.		OWN R.O. WILSON CHK K.J. STAKEM APVD T.L. ELBIN	15APR2013 19APR2013 19APR2013	NAME Ocean Side Feed Applicator	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC		±0.125 ±0.125 ±0.125 ±0.125 ±0.125		CAGE CODE 00779	
MATERIAL -		FINISH -		DRAWING NO. C-2151930	
				Customer Accessible Production Drawing	
				SCALE 1:2	
				SHEET 4	
				REV L	