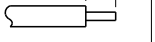


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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151846-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151846-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151846-1	D	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151846-2	D	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151846-7	B	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	1.90 mm [.075]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: HIROSE TERMINAL				HIROSE CRIMP SPECIFICATION			
TERMINAL NAME: CRIMPING CONTACT for PLUG							
WIRE STRIP LENGTH					INSULATION DIAMETER RANGE		
3.00-3.70 mm [.118-.146 IN]					Ø1.20-1.90 mm [.047-.075 IN]		
TERMINAL APPLICATION				089969-2-11		-	
SPECIFICATION				-		-	
TERMINALS APPLIED 							
TE TERMINAL		HIROSE TERMINAL		TE TERMINAL		HIROSE TERMINAL	
1572031-1		DF1B-2022PCF		1572031-2		DF1-2022PCFB	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
20 AWG	0.93+/-0.05 [.037+/- .002]	8.4
22 AWG	0.85+/-0.05 [.033+/- .002]	9.3

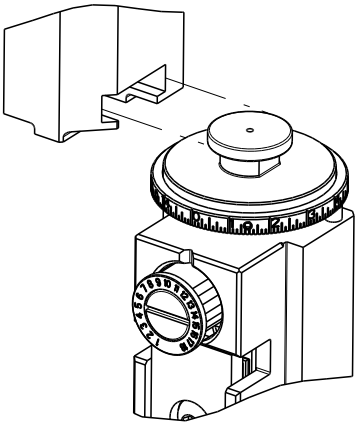


- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242. APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180.
- 4 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
5. 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.

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

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
A	-		A	RELEASED	21FEB2013	RW
			B	ECR-15-016803	17NOV2015	XZ
			C	ECR-21-125178	28DEC2021	JWC
			D	ECR-22-128617	03FEB2022	ROY

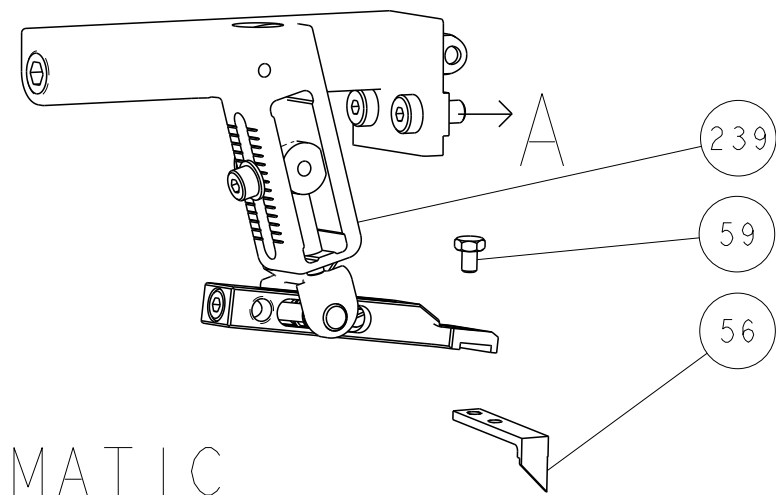
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
3	-	1	-	1	2844940-1	AIR FEED MODULE	238
-	1	1	1	1	1-1752354-2	STANDOFF, HOLD-DOWN	180
-	1	1	1	1	6-9931111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177
-	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1	1	1752353-2	GUIDE PIN, HOLDDOWN	175
-	1	1	1	1	1901680-2	GUIDE PIN, HOLDDOWN	174
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
6	-	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	5-547505-2	SPRING, COMPRESSION	77
-	1	1	1	1	854769-4	HOLDER, INS	74
-	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	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	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	1-2079383-0	SCR, BHSC, RoHS (M3 X 6)	53
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1	1	1-1901681-0	HOLDDOWN, TERMINAL	51
-	1	1	1	1	2-1976053-2	LOCATER BLOCK, TERMINAL	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	1803515-3	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	2-2844962-4	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
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	2119533-5	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	462006-6	FLOATING SHEAR, FRONT	9
1	2	2	1	1	1803335-2	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119780-9	DEPRESSOR, SHEAR	5
-	1	1	1	1	2-238011-0	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	1-1633962-9	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	455888-5	SPACER, CRIMPER	2
1	2	2	1	1	3-1633713-1	CRIMPER, WIRE PREMIUM	1
-77-72-71	-2	-1	PART NO		DESCRIPTION		ITEM NO

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CHK K.J.STAKEM 14JAN2013				APVD T.L.ELBIN 15JAN2013	NAME Ocean Side Feed Applicator						
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.005 1 PLC ±.005 2 PLC ±.005 3 PLC ±.005 4 PLC ±.005 ANGLES ±.005 FINISH							
MATERIAL -				WEIGHT -							
Customer Accessible Production Drawing				SCALE 1:2							
SHEET 1				REV D							

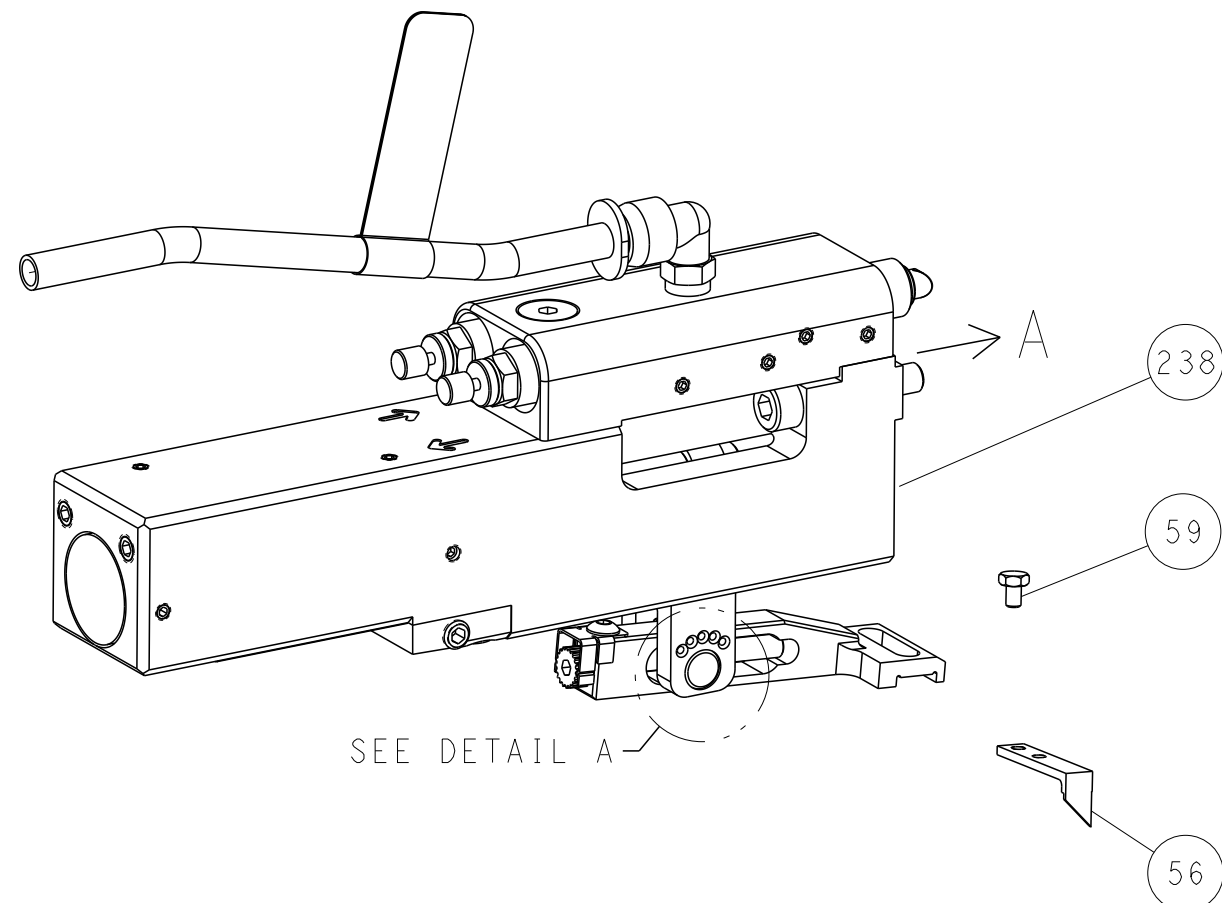
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

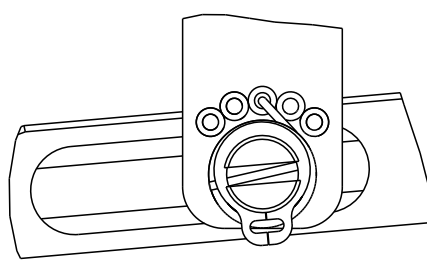
FEED TYPE
MECHANICAL



PNEUMATIC

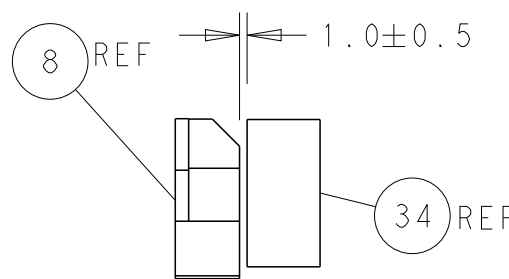
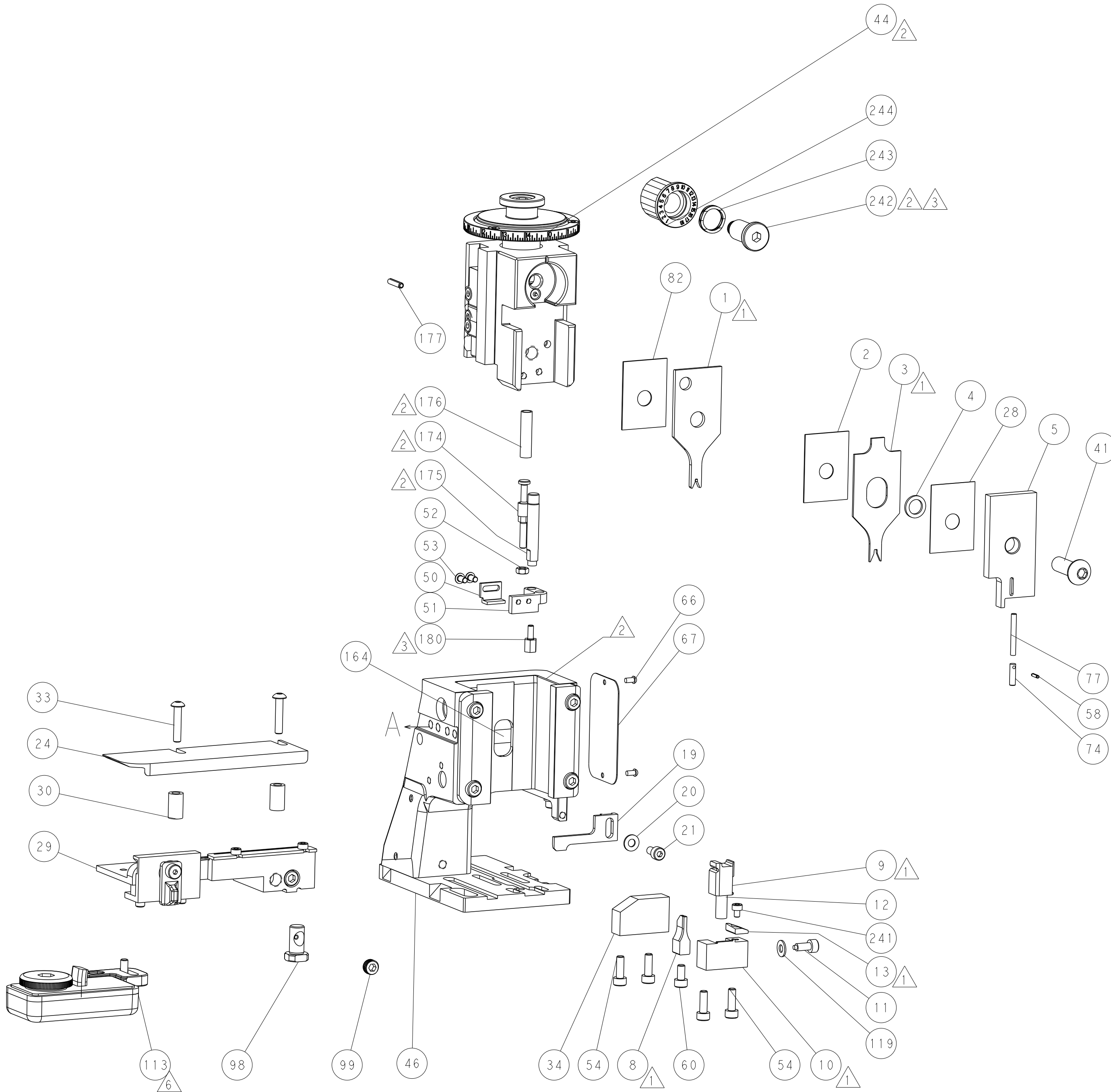
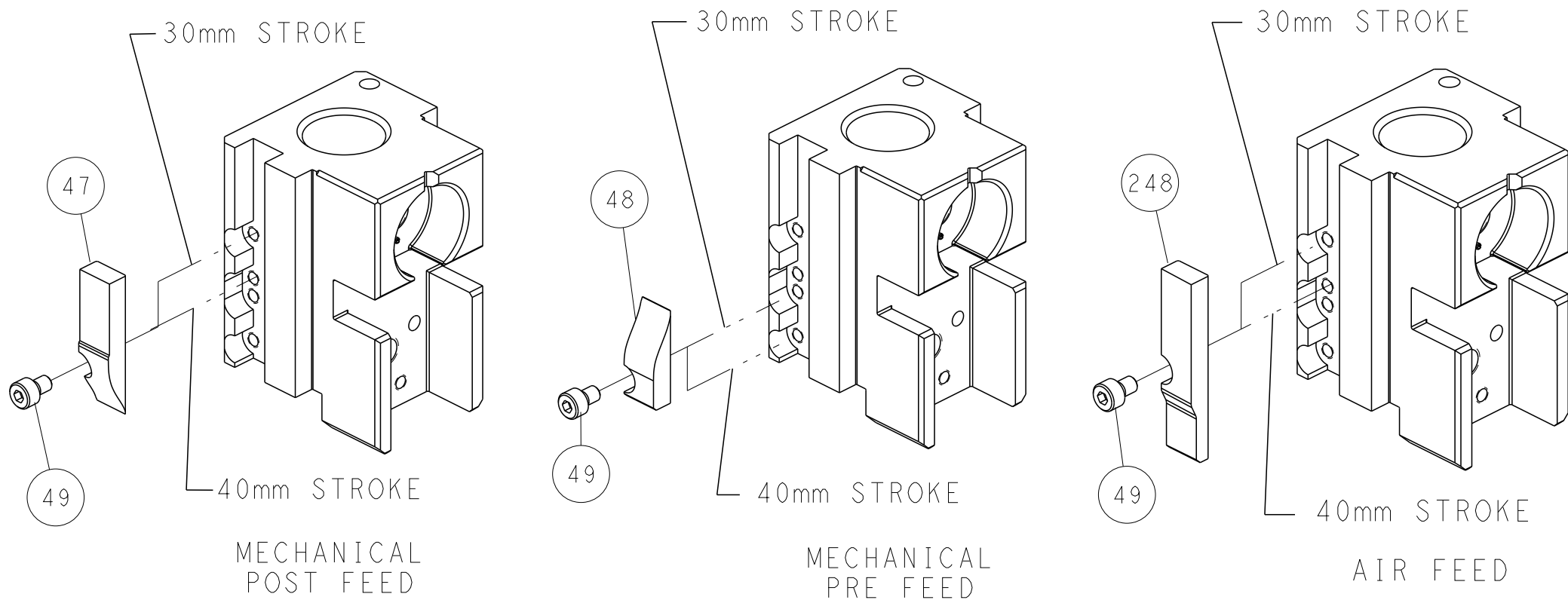


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

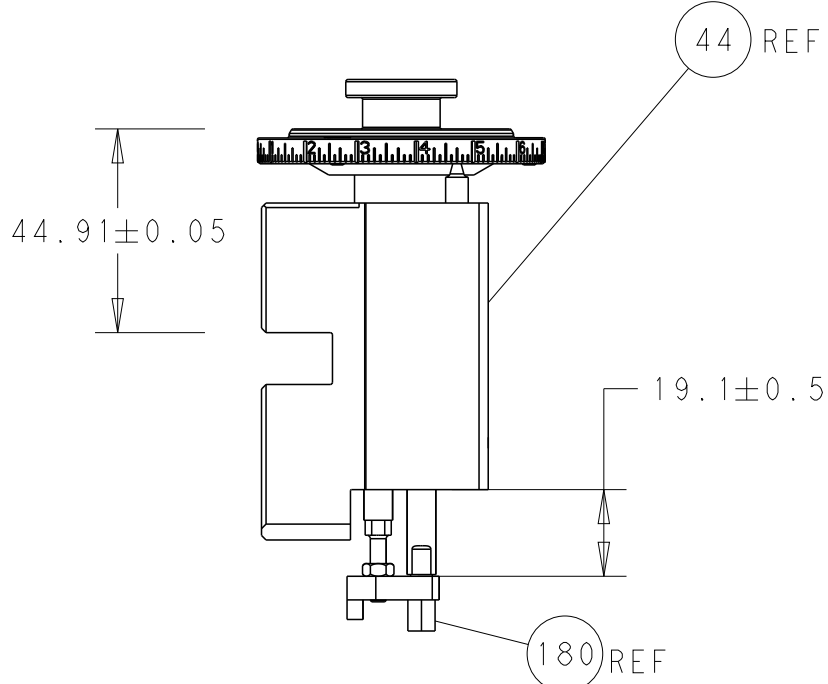


DETAIL A

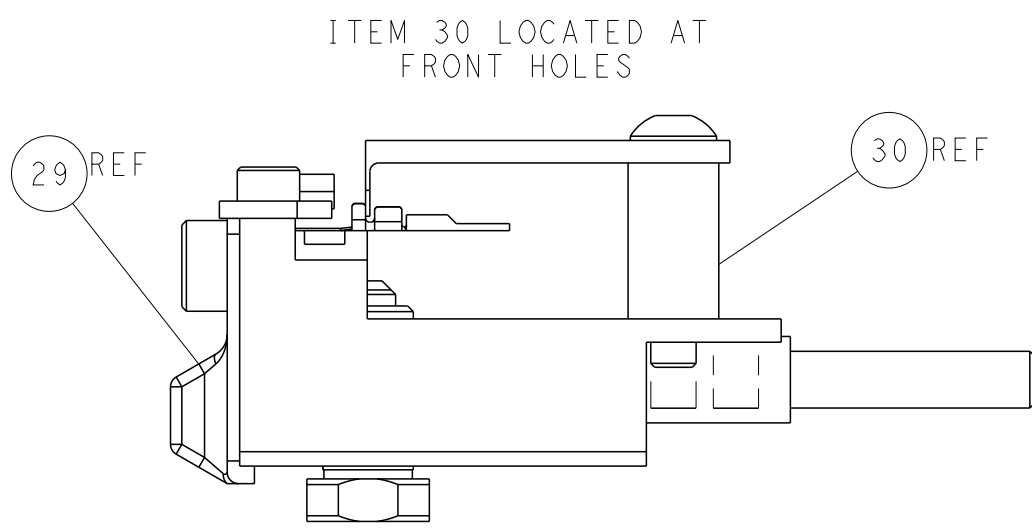
CAM POSITIONS



TERMINAL SUPPORT LOCATION



RAM AND HOLDDOWN SET-UP



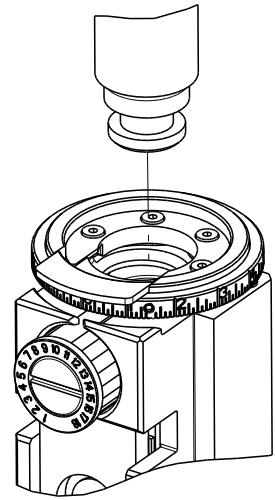
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1 FINISH -		APPLICATION SPEC WEIGHT -		SCALE 1:2		SHEET 2 OF 4	
MATERIAL -		Customer Accessible Production Drawing		REV D					

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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151846-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151846-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151846-7	B	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	1.90 mm [.075]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: HIROSE TERMINAL HIROSE CRIMP SPECIFICATION			
TERMINAL NAME: CRIMPING CONTACT for PLUG			
WIRE STRIP LENGTH 3.00-3.70 mm [.118-.146 IN]		INSULATION DIAMETER RANGE Ø1.20-1.90 mm [.047-.075 IN]	
TERMINAL APPLICATION SPECIFICATION	089969-2-11	-	-
TERMINALS APPLIED			
TE TERMINAL	HIROSE TERMINAL	TE TERMINAL	HIROSE TERMINAL
1572031-1	DF1B-2022PCF	1572031-2	DF1-2022PCFB

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
20 AWG		0.93+/-0.05 [.037+/-0.002]		8.4
22 AWG		0.85+/-0.05 [.033+/-0.002]		9.3



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. APPLY 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. 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	-	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		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
-	1	1	1-1752354-2	STANDOFF,HOLD-DOWN	180
-	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177
-	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	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	455888-6	SPACER, CRIMPER	82
-	1	1	5-547505-2	SPRING, COMPRESSION	77
-	1	1	854769-4	HOLDER, INS	74
-	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	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	1	1	1338685-1	PAWL, FEED	56
-	2	2	1-2079383-0	SCR, BHSC, RoHS (M3 X 6)	53
-	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1-1901681-0	HOLDDOWN, TERMINAL	51
-	1	1	2-1976053-2	LOCATER BLOCK,TERMINAL	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	2-2844962-4	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
-	1	1	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	2119533-5	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	462006-6	FLOATING SHEAR, FRONT	9
1	1	1	1803335-2	ANVIL, COMBINATION	8
-	-	-	-	-	7
-	-	-	-	-	6
-	1	1	2119780-9	DEPRESSOR, SHEAR	5
-	1	1	2-238011-0	BLOCK, CRIMPER SPACER	4
1	1	1	1-1633962-9	CRIMPER, INSULATION F PREMIUM	3
-	1	1	455888-5	SPACER, CRIMPER	2
1	1	1	3-1633713-1	CRIMPER, WIRE PREMIUM	1

1

1

1

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1

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME Ocean Side Feed Applicator	
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		PRODUCT SPEC APPLICATION SPEC	
MATERIAL		WEIGHT		SIZE CASE CODE DRAWING NO A1 00779 C=2151846	
Customer Accessible Production Drawing		SCALE		1:2 SHEET 3 OF 4 REV D	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Diagram illustrating the front view of the machine assembly, showing the front plate, front plate bracket, and front plate bracket support. Callouts 238, 59, and 56 point to specific components. A callout 'A' points to the front plate bracket. A callout 'SEE DETAIL A' points to the front plate bracket support.

DETAIL A

30mm STROKE

142

49

MECHANICAL POST FEED

30mm STROKE

48

49

MECHANICAL PRE FEED

30mm STROKE

151

49

AIR FEED

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

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±. 3 PLC ±. 4 PLC ±. ANGLES ±.		NAME: Ocean Side Feed Applicator	
		PRODUCT SPEC APPLICATION SPEC		SIZE: CAGE CODE: DRAWING NO:	
MATERIAL:		FINISH:		WEIGHT: A 00779 C=2151846	
				SCALE: 1:2 SHEET 4 OF 4 REV D	
Customer Accessible Production Drawing					

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Mouser Electronics

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[TE Connectivity:](#)

[2151846-2](#)