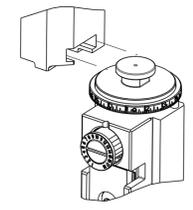


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151060-1	J	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151060-2	K	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
5-2151060-1	J	SEAL STRIPPER CRIMPER TERMINATING UNIT	MECHANICAL
5-2151060-2	K	SEAL STRIPPER CRIMPER TERMINATING UNIT	PNEUMATIC
7-2151060-1	J	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151060-2	K	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151060-7	G	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	4.06 mm [.160]	O

APPLICATOR INSTRUCTIONS 408-35042

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: AMP MCP 2.8K FLAT TYPE RECEPTACLE			
WIRE STRIP LENGTH		TERMINAL INSULATION DIAMETER RANGE	
3.70-4.30 mm [1.46-.169 IN]		Ø1.40-2.70 mm [0.055-.106 IN]	
TERMINAL APPLICATION SPECIFICATION	(C) 114-18387		
TERMINALS APPLIED ⁶			
TE TERMINAL	TE SEAL	BOSCH SEAL	SEAL INSULATION DIAMETER RANGE
(C) 1241394-1	(C) 1241394-3	963294-1	(C)1928300599
(C) 1241394-2		963293-1	Ø2.0-2.7mm
		1572276-1	1928300599

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: JUNIOR-POWER-TIMER CONTACT			
WIRE STRIP LENGTH		TERMINAL INSULATION DIAMETER RANGE	
4.20-4.80 mm [1.65-.189 IN]		Ø1.40-2.70 mm [0.055-.106 IN]	
TERMINAL APPLICATION SPECIFICATION	(A) 114-18050	(C)114-18387	
(B) 114-18051			
TERMINALS APPLIED ⁶			
TE TERMINAL	TE SEAL	BOSCH SEAL	SEAL INSULATION DIAMETER RANGE
(A) 964286-1	(A) 6-964286-6	963294-1	Ø1.2-2.0mm
(A) 964286-2	(B) 1-964300-3	963293-1	Ø2.0-2.7mm
(A) 1-964286-1	(B) 2-964300-1	1572276-1	1928300599
(A) 2-964286-1	(B) 4-964300-1		
(A) 4-964286-1	(B) 2-964300-2		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.20+/-0.05 [0.047+/-0.002]	6.5
0.75mm2	1.18+/-0.05 [0.046+/-0.002]	6.9
0.50mm2	1.15+/-0.05 [0.045+/-0.002]	7.2

- 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 ITEM 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 APPLY TORQ-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.
 - ⁶ TERMINAL LUBRICANT IS RECOMMENDED.
7. 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					
		P	LYR	DESCRIPTION	DATE	OWN	APVD
A	66	G		ECR-18-005369	10APR2018	JAH	JDG
		H		ECR-18-013707	29AUG2018	YY	CT
		J		ECR-18-019063	07DEC2018	FL	CT
		K		ECR-19-005130	02APR2019	LG	TE

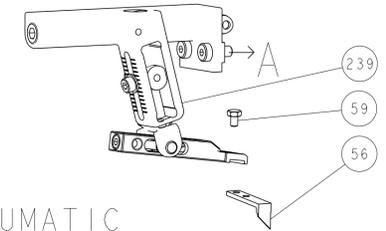
-	-	-	1	1	-	-	1803515-3	RAM ASSEMBLY, SF ATLANTIC	293
-	-	-	1	1	-	-	2-1803583-1	APPLICATOR BASIC ASSEMBLY, SF	292
-	1	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	1	1	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	455888-5	SPACER, CRIMPER	82
-	1	1	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	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	985575-3	SCR, FLT SKT HD CAP M3 X 10.0	57
-	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	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	53
-	1	1	1	1	1	1	1803382-2	HOLD DOWN, SPRING LOADED	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	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	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	1-1752356-7	SUPPORT, TERMINAL	34
-	2	2	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2	2	3-2844962-0	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	1	1	2844992-2	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1	1	455888-4	SPACER, CRIMPER	28
-	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	318707-1	FLOATING SHEAR, FRONT	9
-	1	2	2	1	1	1	1333204-4	ANVIL, COMBINATION	8
-	1	1	1	1	1	1	5-240641-4	SPACER	7
-	1	1	1	1	1	1	2119781-1	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	1	238011-9	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	1	1	2-1803019-4	CRIMPER, INSULATION O	3
-	1	1	1	1	1	1	455888-5	SPACER, CRIMPER	2
-	1	2	2	1	1	1	1803125-9	CRIMPER, WIRE	1

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

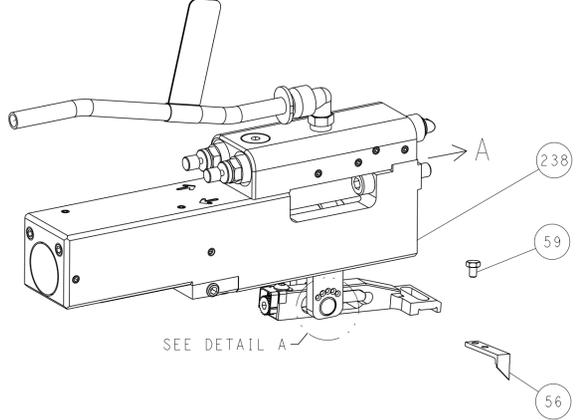
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mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	APVD	TE Connectivity
	ANGLES	FINISH					Harrisburg, PA 17105-3608
MATERIAL				WEIGHT	SCALE	SHEET	REV
					1:2	1 of 4	K

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

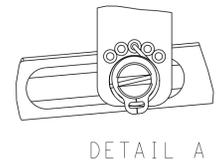
FEED TYPE MECHANICAL



PNEUMATIC

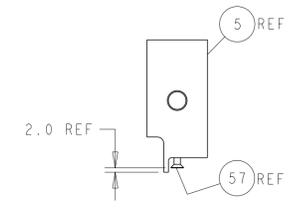
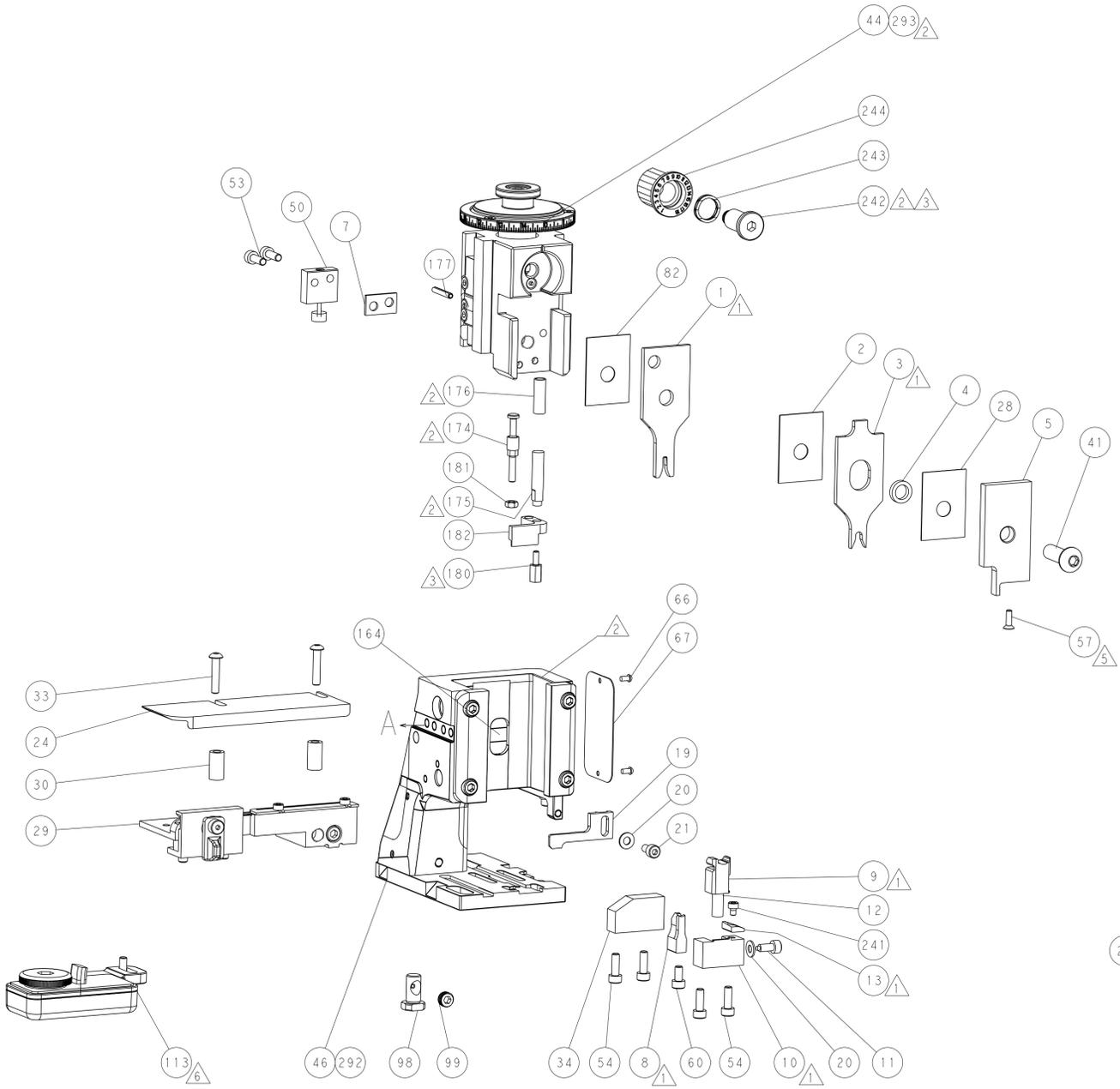
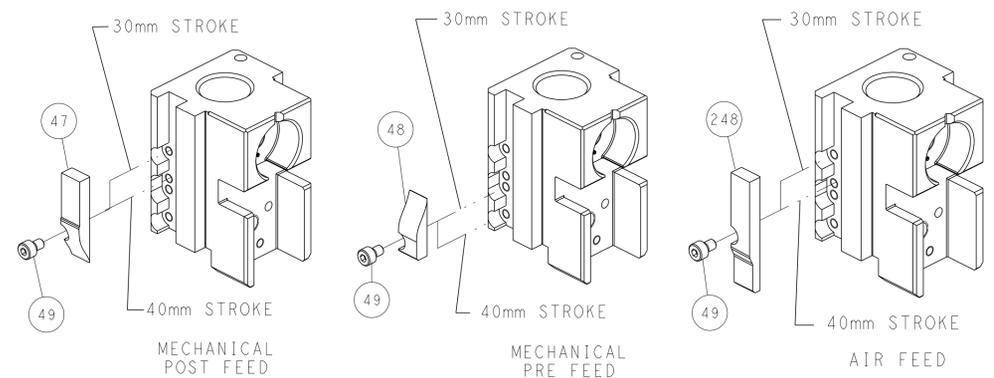


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

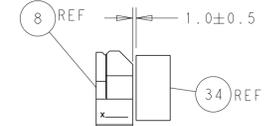


DETAIL A

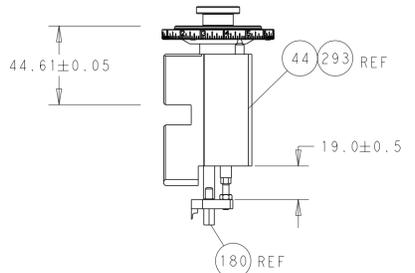
CAM POSITIONS



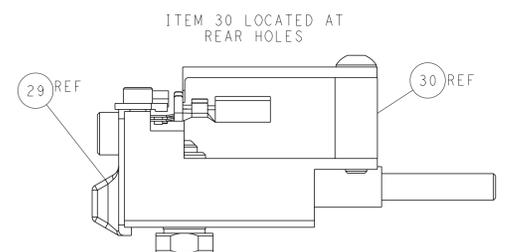
SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



RAM AND HOLD DOWN SET-UP



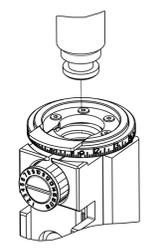
FEED TRACK POSITION GUIDE BY INSULATION BARREL

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

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH ±		OWN: HOFFNER 26AUG2011 CHK: T. ELBIN 29AUG2011 APVD: T. ELBIN 29AUG2011 PRODUCT SPEC APPLICATION SPEC WEIGHT: - MATERIAL: -		NAME: Ocean Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2151060 SCALE: 1:2 SHEET: 2 of 4 REV: K		TE Connectivity Harrisburg, PA 17105-3608 RESTRICTED TO Customer Accessible Production Drawing	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151060-1	J	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151060-2	K	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151060-7	G	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	4.06 mm [.160]	O

APPLICATOR INSTRUCTIONS 408-35042

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: AMP MCP 2.8K FLAT TYPE RECEPTACLE			
WIRE STRIP LENGTH	TERMINAL INSULATION DIAMETER RANGE		
3.70-4.30 mm [.146-.169 IN]	Ø1.40-2.70 mm [.055-.106 IN]		
TERMINAL APPLICATION SPECIFICATION	(C) 114-18387		

TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE SEAL	BOSCH SEAL	SEAL INSULATION DIAMETER RANGE
(C) 1241394-1	(C) 1241394-3	963294-1	(C)1928300599	Ø1.2-2.0mm
(C) 1241394-2		963293-1		Ø2.0-2.7mm
		1572276-1	1928300599	

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: JUNIOR-POWER-TIMER CONTACT			
WIRE STRIP LENGTH	TERMINAL INSULATION DIAMETER RANGE		
4.20-4.80 mm [.165-.189 IN]	Ø1.40-2.70 mm [.055-.106 IN]		
TERMINAL APPLICATION SPECIFICATION	(A) 114-18050 (B) 114-18051	(C)114-18387	-

TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE SEAL	BOSCH SEAL	SEAL INSULATION DIAMETER RANGE
(A) 964286-1	(A) 6-964286-6	963294-1		Ø1.2-2.0mm
(A) 964286-2	(B) 1-964300-3	963293-1		Ø2.0-2.7mm
(A) 1-964286-1	(B) 2-964300-1	1572276-1	1928300599	
(A) 2-964286-1	(B) 4-964300-1			
(A) 4-964286-1	(B) 2-964300-2			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.20+/-0.05 [.047+/-0.002]	6.5
0.75mm2	1.18+/-0.05 [.046+/-0.002]	6.9
0.50mm2	1.15+/-0.05 [.045+/-0.002]	7.2

- 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. APPLY TORQ-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.
- 6. TERMINAL LUBRICANT IS RECOMMENDED.
- 7. 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	REV	DATE	BY	APPV
-	-	SEE SHEET 1	-	-	-

-	1	1	2119082-7	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	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	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	985575-3	SCR, FLT SKT HD CAP M3 X 10.0	57
-	1	1	1338685-1	PAWL, FEED	56
-	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	53
-	1	1	1803382-2	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	1-1752356-7	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	3-2844962-0	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-2	ASSEMBLY, STRIP GUIDE	29
-	1	1	455888-4	SPACER, CRIMPER	28
-	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	318707-1	FLOATING SHEAR, FRONT	9
-	1	1	1333204-4	ANVIL, COMBINATION	8
-	1	1	5-240641-4	SPACER	7
-	1	1	2119781-1	DEPRESSOR, SHEAR	5
-	1	1	238011-9	BLOCK, CRIMPER SPACER	4
-	1	1	2-1803019-4	CRIMPER, INSULATION O	3
-	1	1	455888-5	SPACER, CRIMPER	2
-	1	1	1803125-9	CRIMPER, WIRE	1

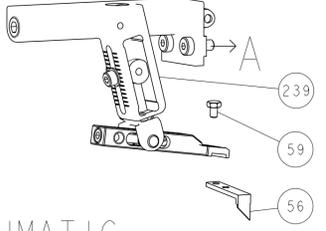
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN	CHK	APPV	DATE	NAME		RESTRICTED TO
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	ANGLES FINISH		SIZE	CAGE CODE	DRAWING NO
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MATERIAL		FINISH		WEIGHT		SCALE		SHEET		REV
						1:2		3 of 4		K

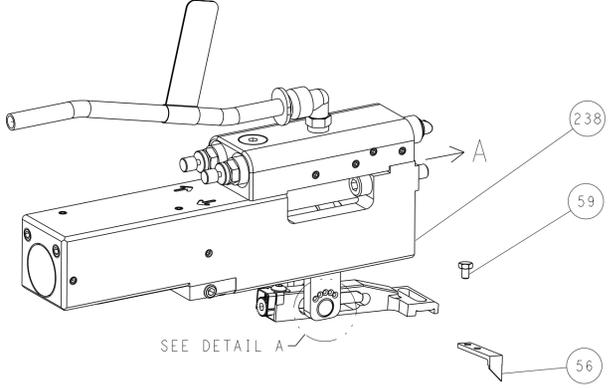
Customer Accessible Production Drawing

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

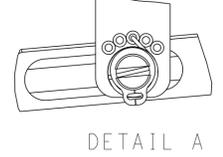
FEED TYPE MECHANICAL



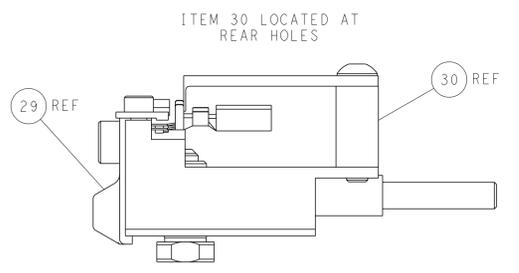
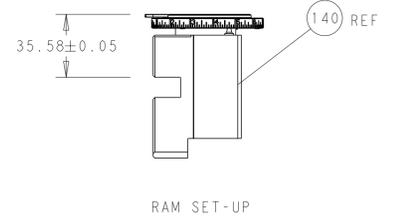
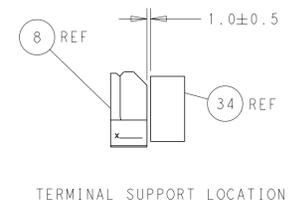
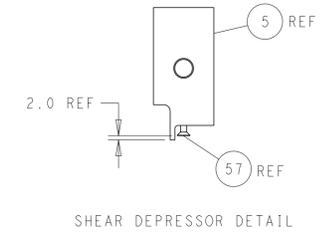
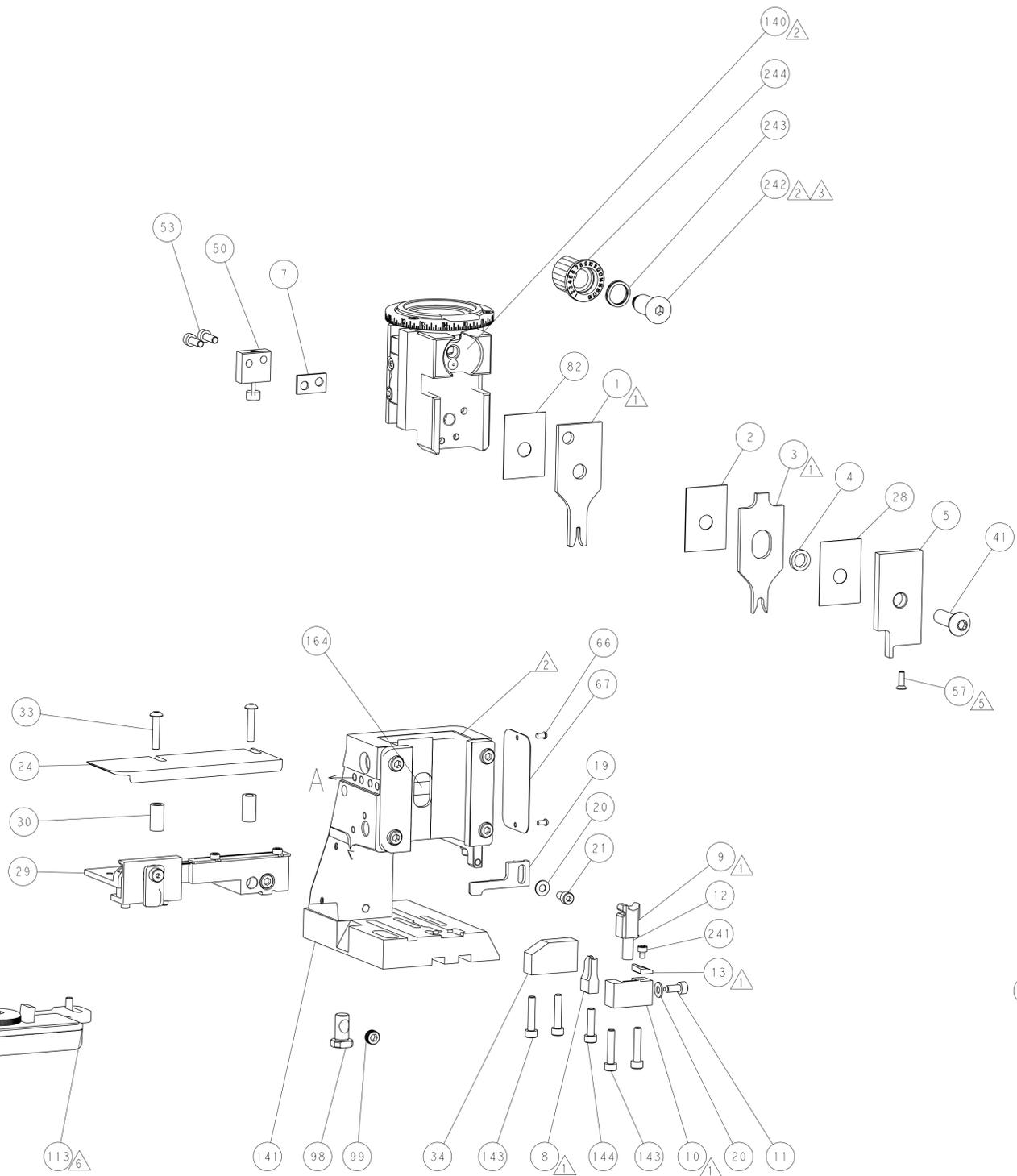
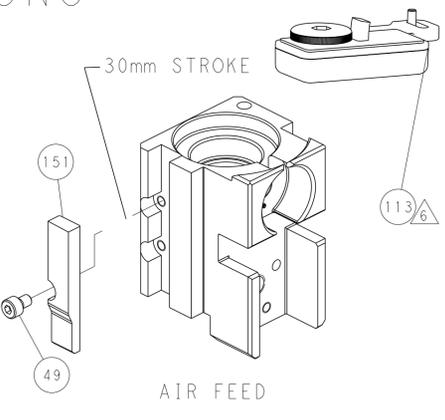
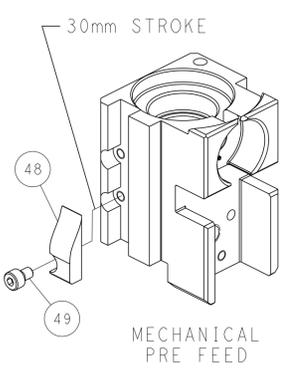
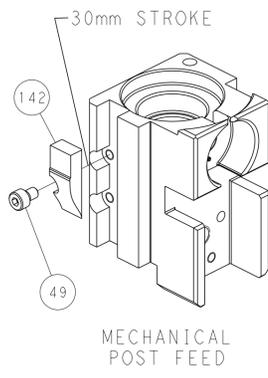
PNEUMATIC



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)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN: HOFFNER 26AUG2011		TE Connectivity	
mm		0 PLC ±		CHK: T. ELBIN 29AUG2011		Harrisburg, PA 17105-3608	
Ø		1 PLC ±		APVD: T. ELBIN 29AUG2011		NAME: Ocean Side Feed Applicator	
H		2 PLC ±		PRODUCT SPEC		SIZE: CAGE CODE DRAWING NO	
D		3 PLC ±		APPLICATION SPEC		RESTRICTED TO	
R		4 PLC ±		WEIGHT		A 00779 C=2151060	
S		5 PLC ±		MATERIAL		Customer Accessible Production Drawing	
T		6 PLC ±		FINISH		SCALE: 1:2 SHEET 4 OF 4 REV K	
U		7 PLC ±		SCALE		SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION	