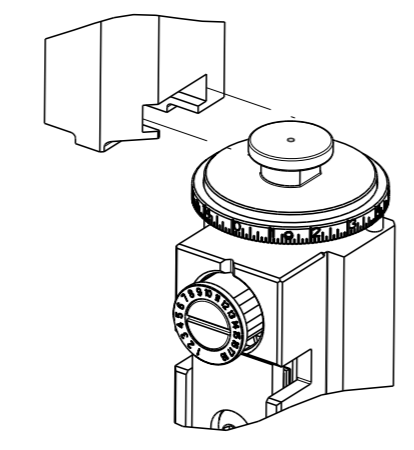


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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151057-1	H	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151057-2	J	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
5-2151057-1	H	SEAL STRIPPER CRIMPER TERMINATING UNIT	MECHANICAL
5-2151057-2	J	SEAL STRIPPER CRIMPER TERMINATING UNIT	PNEUMATIC
7-2151057-1	H	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151057-2	J	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151057-7	B	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA

CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	3.30 mm [.130]	O

APPLICATOR INSTRUCTIONS 408-35042

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION

TERMINAL NAME: TAB 1.6 X 0.6 MM TYP A

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
3.70-4.30 mm [.146-.169 IN]	Ø 2.60mm MAX [.102 IN MAX]

TERMINAL APPLICATION SPECIFICATION (A)114-18082 (B)114-18081

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION

TERMINAL NAME: MICRO TIMER 2 CONTACT

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
3.70-4.30 mm [.146-.169 IN]	Ø 2.60mm MAX [.102 IN MAX]

TERMINAL APPLICATION SPECIFICATION (B)114-18081

TERMINALS APPLIED

TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL	CABLE Ø
(A) 964269-2	(B) 964274-2	1394133-1		1.2-1.6mm
(A) 964269-3	(B) 964274-3	963530-1		1.4-1.9mm
(A) 964269-5	(B) 964274-8	964972-1		1.9-2.4mm
	(B) 4-964274-1	964971-1		

TERMINALS APPLIED

TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL	CABLE Ø
(B) 1241732-2		964971-1		1.2-1.6mm
(B) 4-1241732-1		963530-1		1.4-1.9mm
		964972-1		1.9-2.4mm

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.20+/-0.05 [.047+/- .002]	3.0
0.75mm2	1.18+/-0.05 [.046+/- .002]	3.8
0.5mm2	1.15+/-0.05 [.045+/- .002]	4.8

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.36+/-0.05 [.054+/- .002]	3.5
0.75mm2	1.27+/-0.05 [.050+/- .002]	4.4
0.5mm2	1.18+/-0.05 [.046+/- .002]	5.3

- 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. TERMINAL LUBRICANT IS RECOMMENDED.
- 6. APPLY TORO-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.
- 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-17-006974	15MAY2017	KH	TE
		H		ECR-18-005038	05APR2018	JAH	JDG
		H1		ECR-18-014236	07SEP2018	MZ	KZ
		J		ECR-19-005396	03APR2019	LG	TE

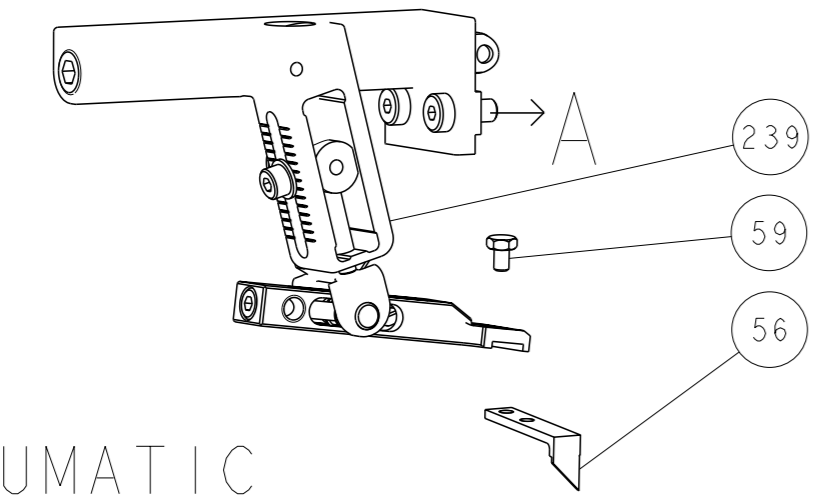
-	-	-	1	1	-	-	1803515-3	RAM ASSEMBLY, SF ATLANTIC	293
-	-	-	1	1	-	-	2-1803583-1	APPLICATOR BASIC ASSEMBLY, SF	292
-	1	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	1	1	2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	1	1	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	-	-	1-1752354-9	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	1803382-6	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	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	1-1752356-3	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	1-455888-8	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	1333204-6	ANVIL, COMBINATION	8
-	1	1	1	1	1	1	1-240641-1	SPACER	7
-	1	1	1	1	1	1	2119781-1	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	1	1	2119784-4	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	1	1	455888-5	SPACER, CRIMPER	2
-	1	2	2	1	1	1	1-456405-6	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)

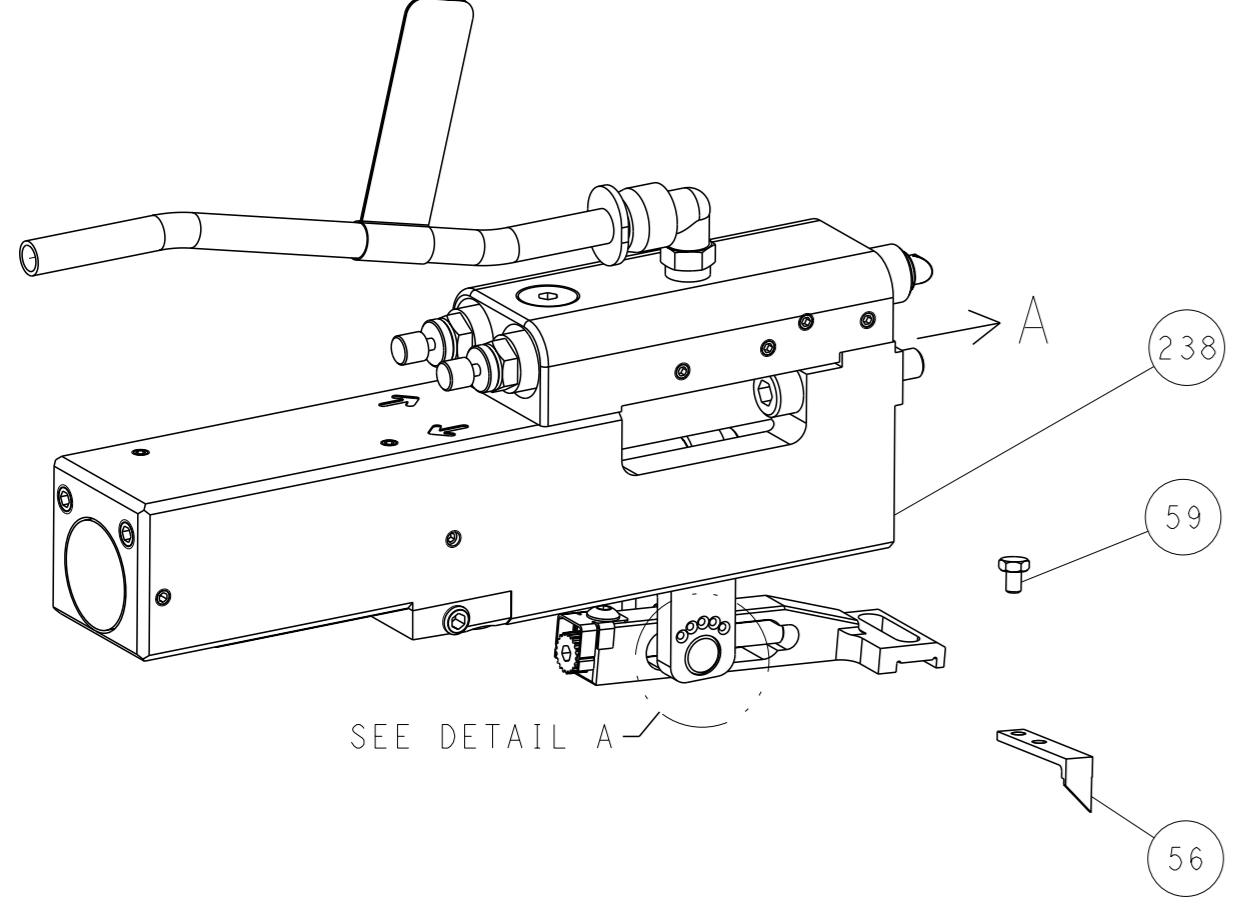
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mm	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	B. WEAVER	L. GROSS	G. BAILEY	03OCT2011	Ocean Side Feed Applicator	A1	00779	©=2151057	Customer Accessible Production Drawing
MATERIAL:	FINISH:	WEIGHT:	SCALE:	SHEET:	REV:					

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

FEED TYPE MECHANICAL



PNEUMATIC

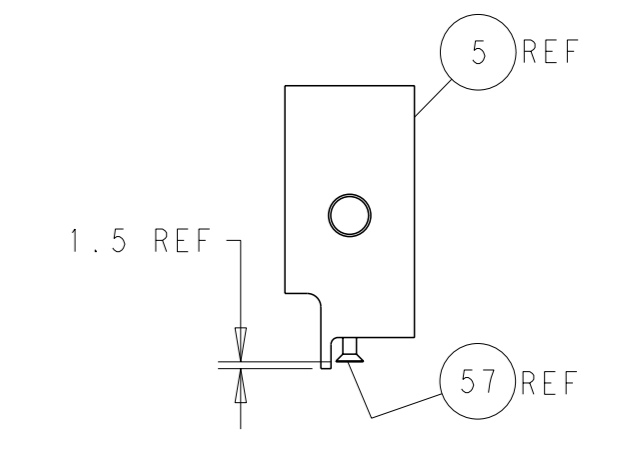
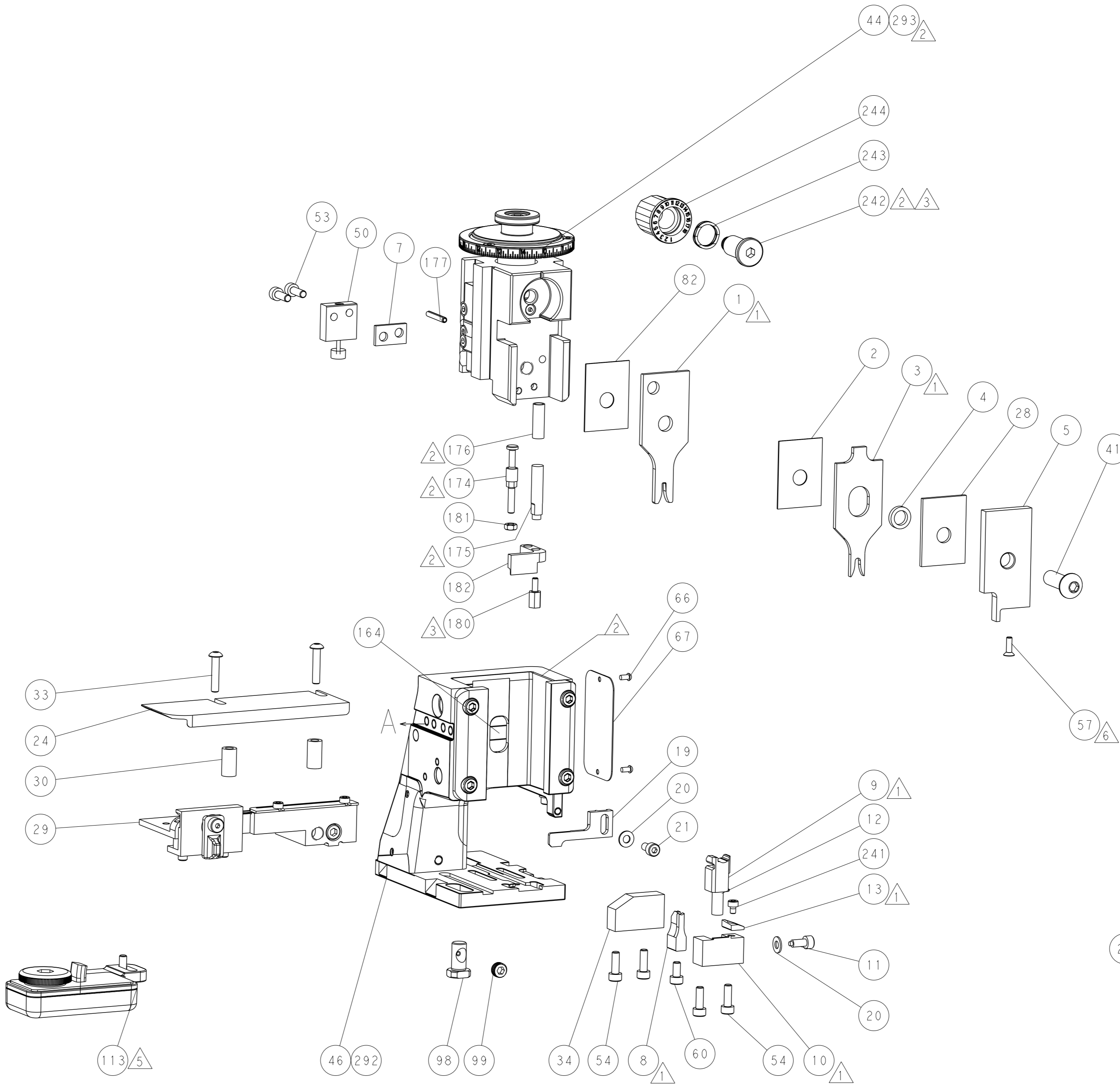
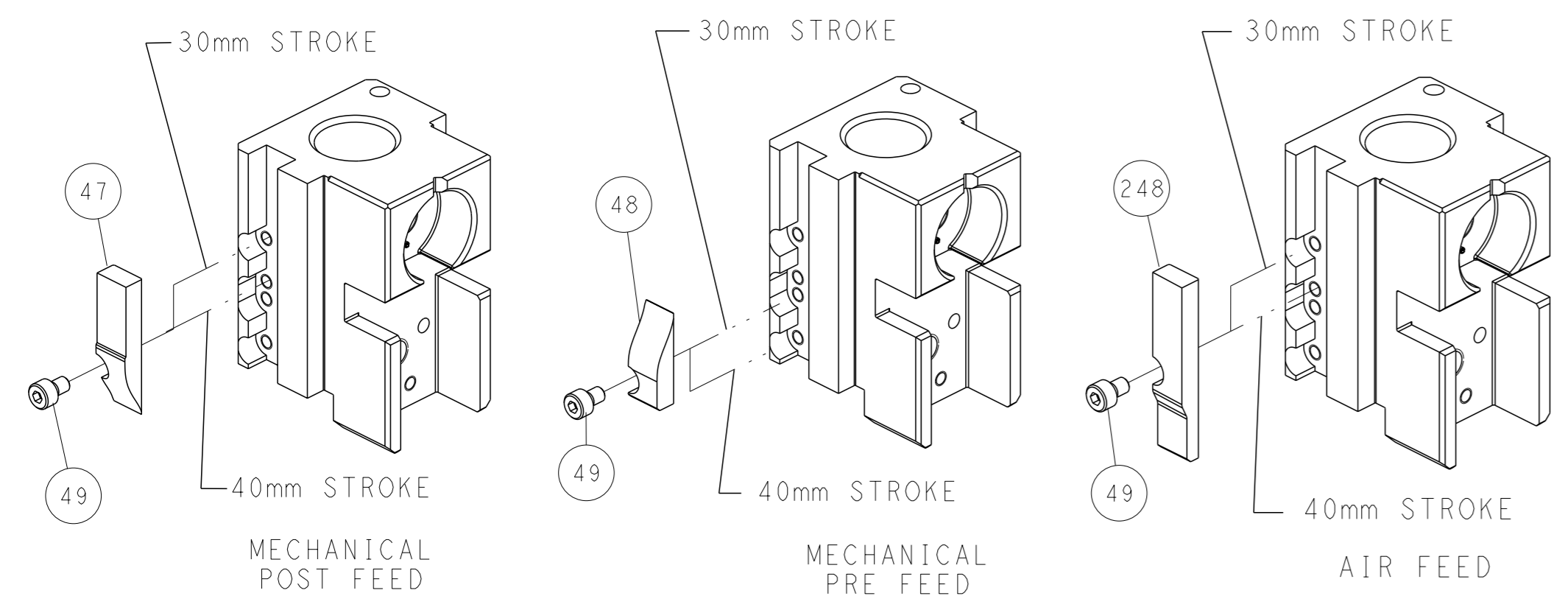


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

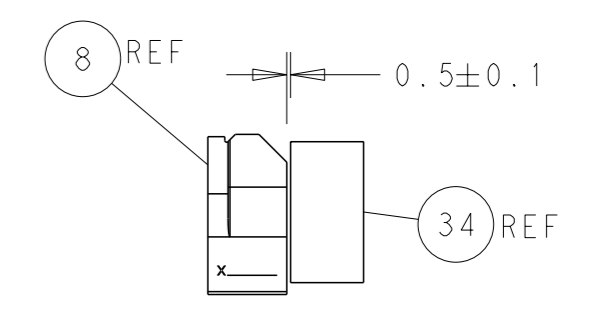


DETAIL A

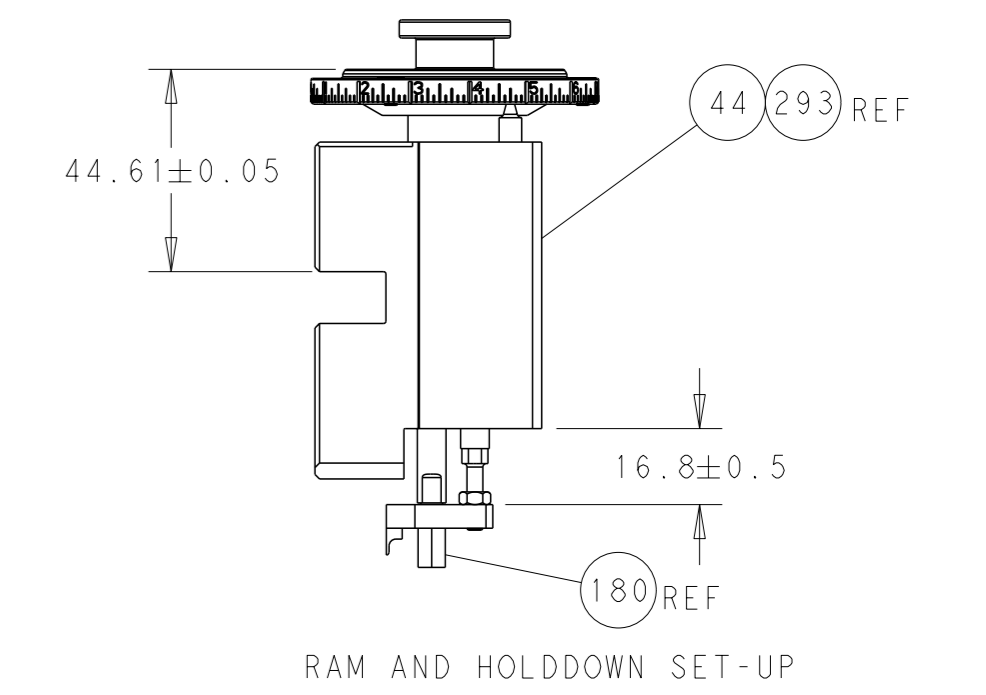
CAM POSITIONS



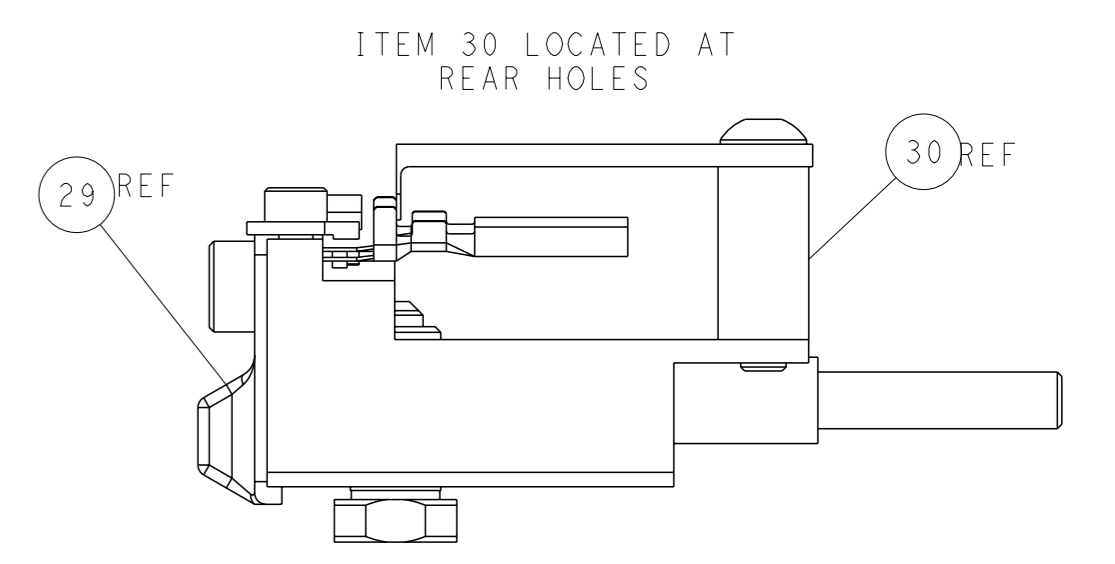
SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



RAM AND HOLDDOWN SET-UP



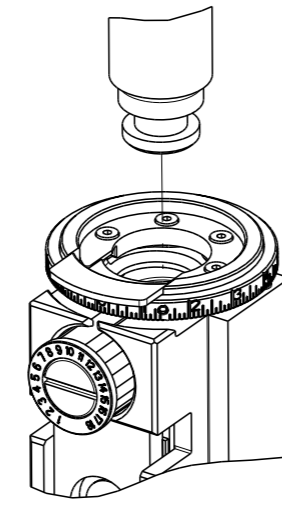
FEED TRACK POSITION GUIDE BY INSULATION BARREL

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

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ° ±		OWN: B. WEAVER 03OCT2011 CHK: L. GROSS 03OCT2011 APVD: S. BAILEY 03OCT2011 PRODUCT SPEC APPLICATION SPEC WEIGHT: - SCALE: 1:2		NAME: Ocean Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: ©=2151057 SHEET: 2 of 4 REV: J	
MATERIAL: -				RESTRICTED TO: -			

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151057-1	H	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151057-2	J	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151057-7	B	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	3.30 mm [.130]	O

APPLICATOR INSTRUCTIONS
408-35042

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: TAB 1.6 X 0.6 MM TYP A			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
3.70-4.30 mm [.146-.169 IN]		Ø 2.60mm MAX [.102 IN MAX]	
TERMINAL APPLICATION SPECIFICATION	(A)114-18082	-	-
	(B)114-18081	-	-

TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL	CABLE Ø
(A) 964269-2	(B) 964274-2	1394133-1		1.2-1.6mm
(A) 964269-3	(B) 964274-3	963530-1		1.4-1.9mm
(A) 964269-5	(B) 964274-8	964972-1		1.9-2.4mm
	(B) 4-964274-1	964971-1		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.20+/-0.05 [0.047+/-0.002]	3.0
0.75mm2	1.18+/-0.05 [0.046+/-0.002]	3.8
0.5mm2	1.15+/-0.05 [0.045+/-0.002]	4.8

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: MICRO TIMER 2 CONTACT			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
3.70-4.30 mm [.146-.169 IN]		Ø 2.60mm MAX [.102 IN MAX]	
TERMINAL APPLICATION SPECIFICATION	(B)114-18081	-	-

TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL	CABLE Ø
(B) 1241732-2		964971-1		1.2-1.6mm
(B) 4-1241732-1		963530-1		1.4-1.9mm
		964972-1		1.9-2.4mm

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.36+/-0.05 [0.054+/-0.002]	3.5
0.75mm2	1.27+/-0.05 [0.050+/-0.002]	4.4
0.5mm2	1.18+/-0.05 [0.046+/-0.002]	5.3

- 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.
- 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.
- 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	-	-

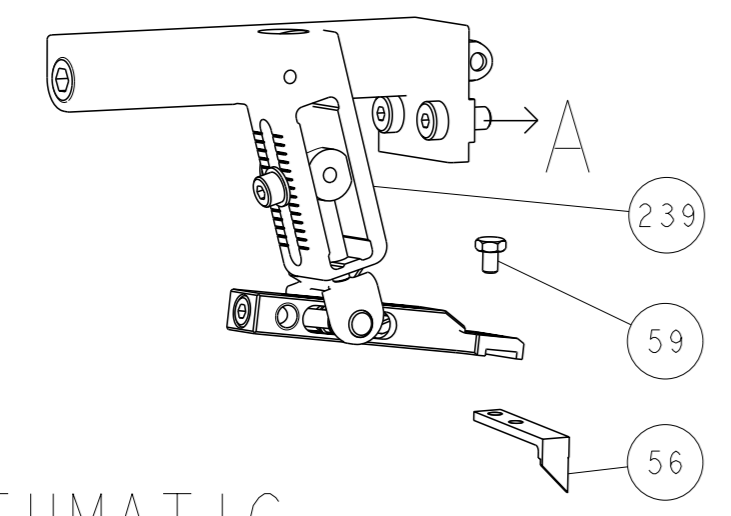
-	1	1	2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	994970-2	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	1803382-6	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	1-1752356-3	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	1-455888-8	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	1333204-6	ANVIL, COMBINATION	8
-	1	1	1-240641-1	SPACER	7
-	1	1	2119781-1	DEPRESSOR, SHEAR	5
-	1	1	238011-4	BLOCK, CRIMPER SPACER	4
-	1	1	2119784-4	CRIMPER, INSULATION O PREMIUM	3
-	1	1	455888-5	SPACER, CRIMPER	2
-	1	1	1-456405-6	CRIMPER, WIRE PREMIUM	1

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

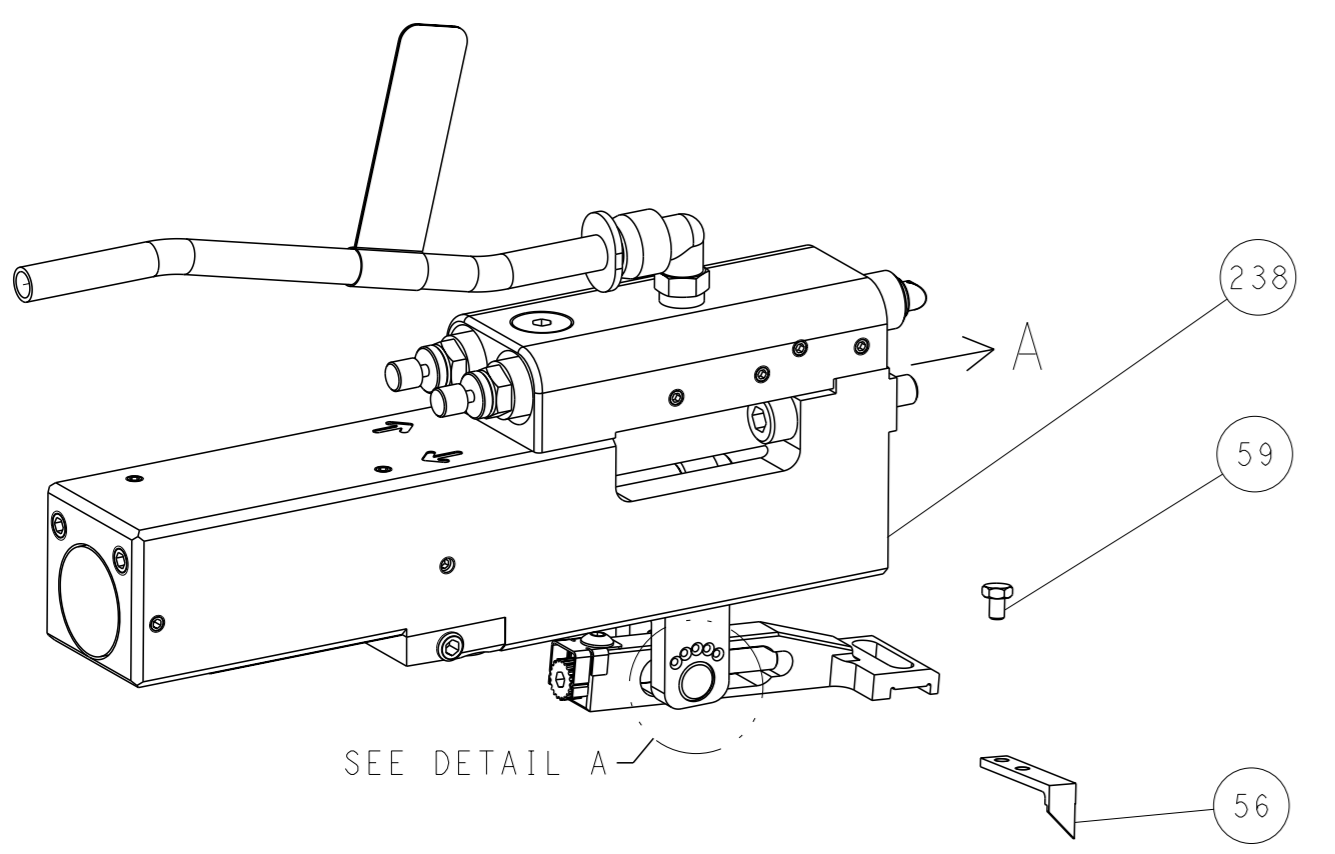
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				CHK: L. GROSS 030CT2011	
MATERIAL:		FINISH:		APVD: G. RILEY 030CT2011	NAME: Ocean Side Feed Applicator
WEIGHT:		SCALE: 1:2		RESTRICTED TO:	Customer Accessible Production Drawing

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

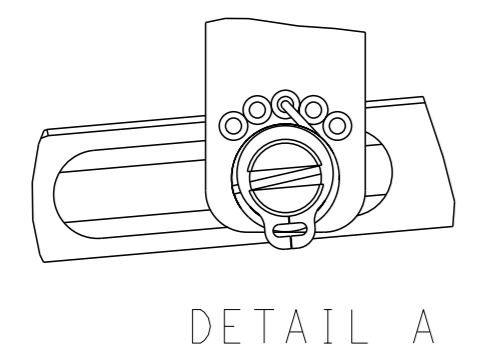
FEED TYPE MECHANICAL



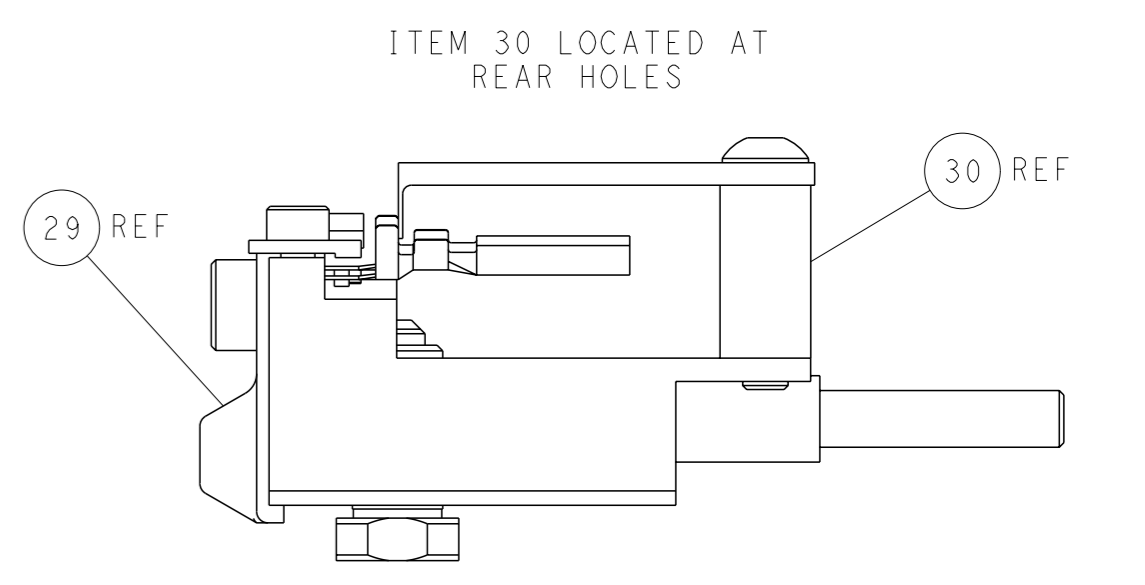
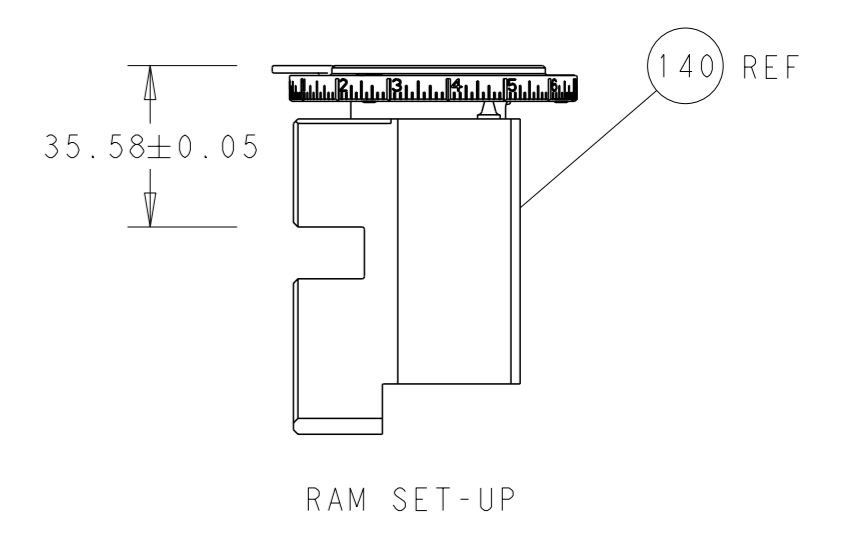
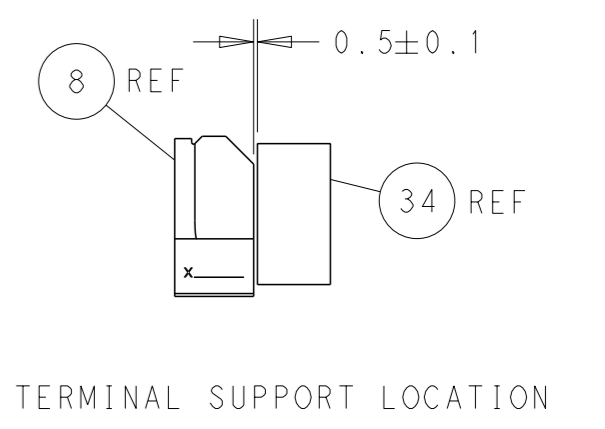
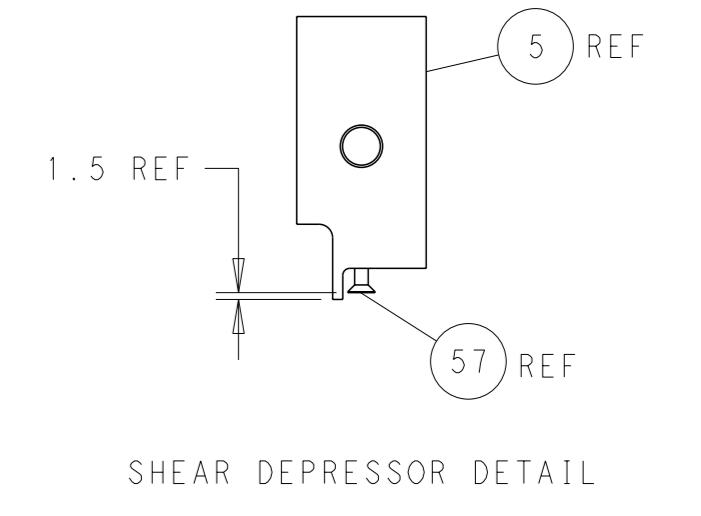
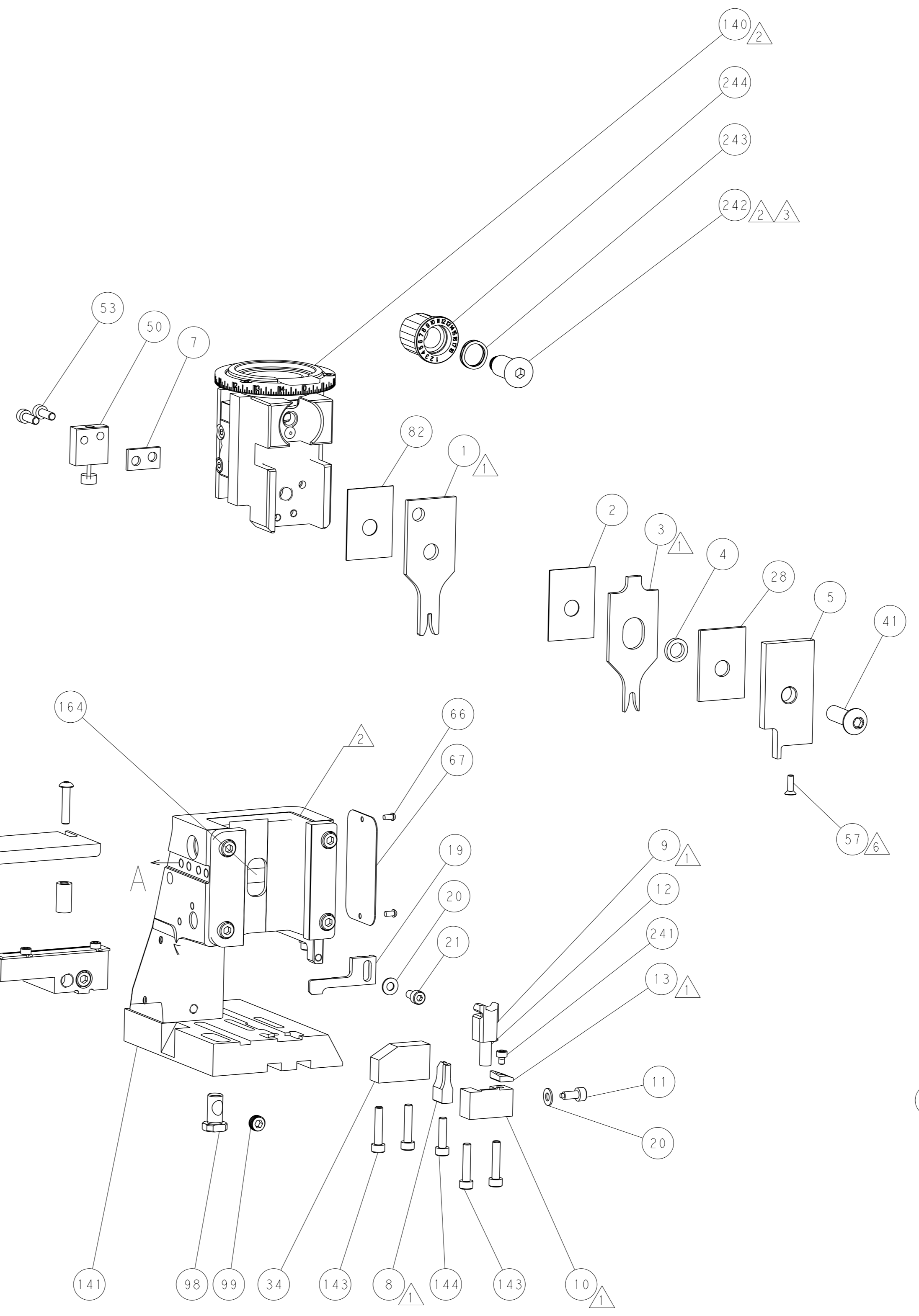
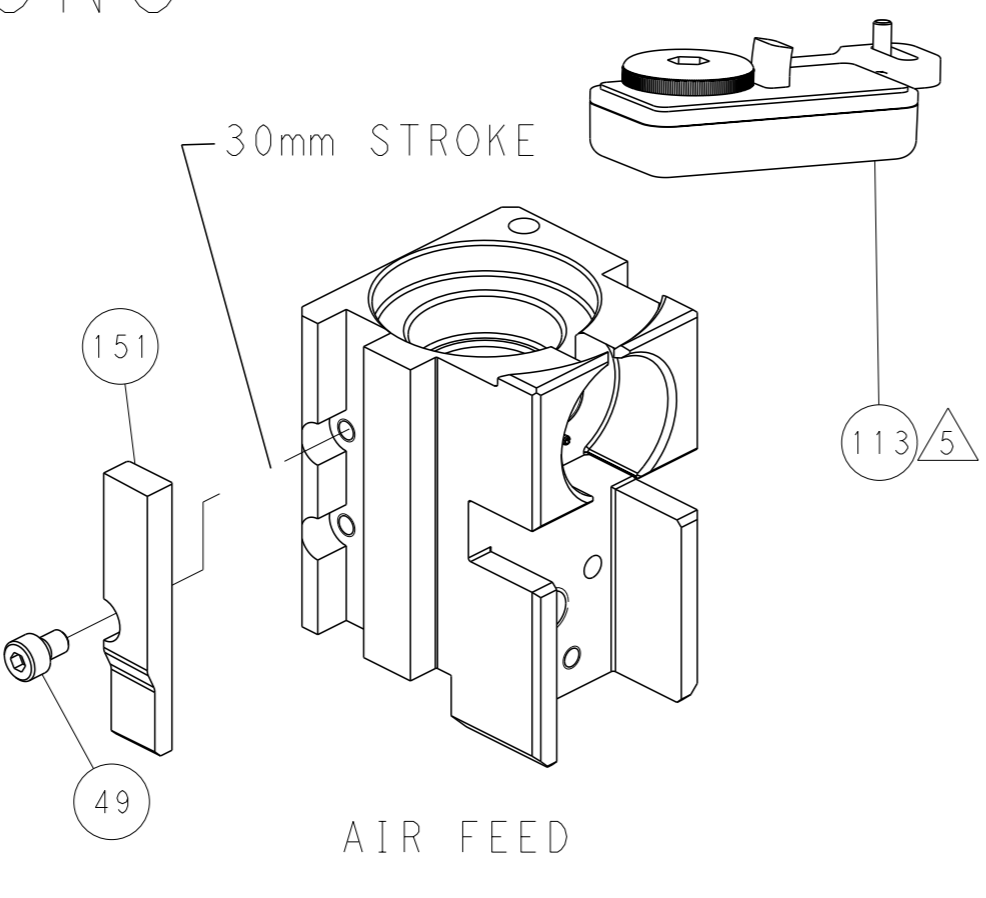
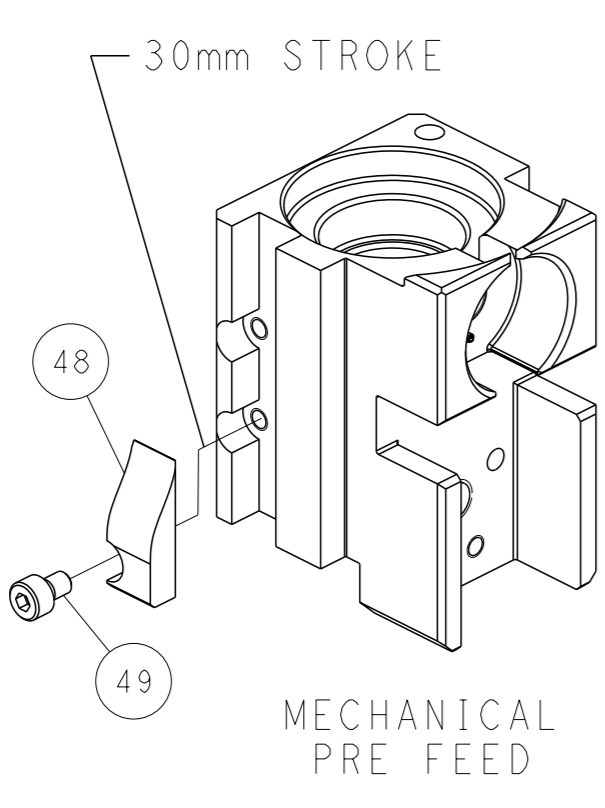
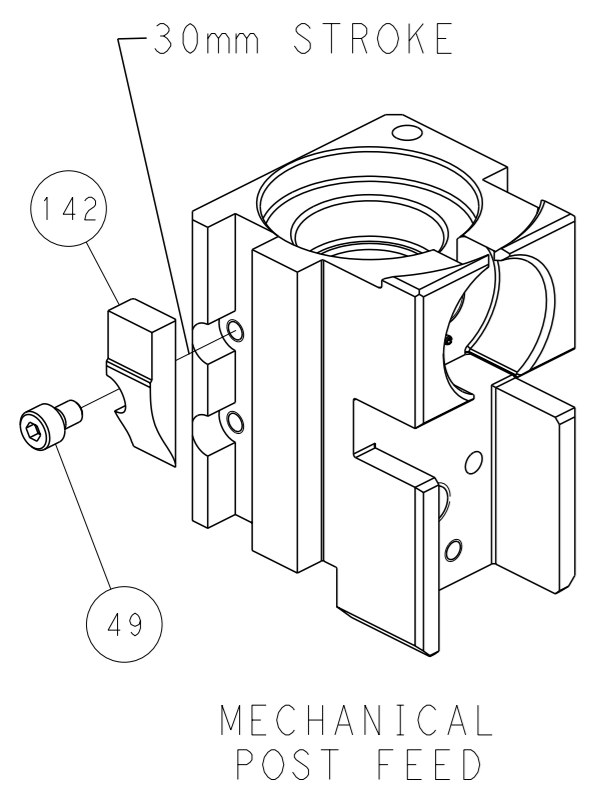
PNEUMATIC



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)

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		OWN: B. WEAVER 03OCT2011 CHK: L. GROSS 03OCT2011 APVD: S. BAILEY 03OCT2011 PRODUCT SPEC	NAME: TE Connectivity Harrisburg, PA 17105-3608
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH *	APPLICATION SPEC WEIGHT MATERIAL	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2151057 SCALE: 1:2 SHEET: 4 of 4 REV: J	RESTRICTED TO: