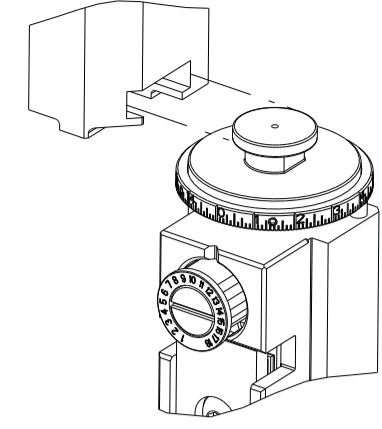


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151243-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151243-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151243-1	B	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151243-2	B	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151243-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.78 mm [.070]	F
INSUL	2.29 mm [.090]	O

APPLICATOR INSTRUCTIONS  
408-35042

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: DUAL LINE INTERLOCK CONNECTOR			
WIRE STRIP LENGTH	INSULATION DIAMETER RANGE		
3.80-4.20 mm [.150-.165 IN]	Ø1.40-2.40 mm [.055-.094 IN]		
TERMINAL APPLICATION SPECIFICATION	114-5045		
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1-170291-1	1-170291-4	1-170291-5	1-170291-6
1-170291-7			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
20 AWG OR 0.56mm <sup>2</sup>	1.12+/-0.05 [.044+/- .002]	6.8
22 AWG OR 0.30mm <sup>2</sup>	1.00+/-0.05 [.039+/- .002]	8.2

- 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. 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.

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

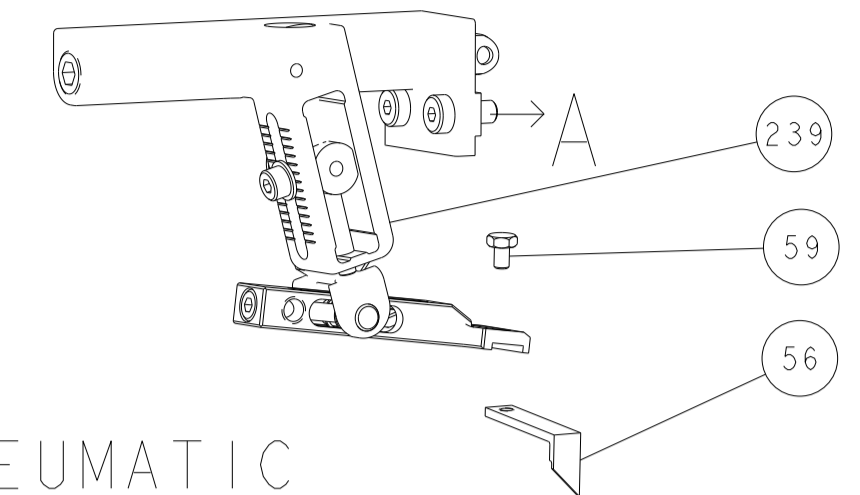
LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	OWN	APVD
A	66	1		DEVELOPMENT	02JUL2015	JH	UG
		A		RELEASED	17JUL2015	JH	UG
		B		ECR-23-177999	09JUN2023	JWC	TE

-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248	
-	1	1	1	1	2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244	
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243	
-	1	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	
-	1	-	1	-	2844940-1	AIR FEED MODULE	238	
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164	
-	1	1	1	1	2844908-1	SCREW, LOCKING	99	
-	1	1	1	1	2844907-1	POST, LOCKING	98	
-	1	1	1	1	455888-4	SPACER, CRIMPER	82	
-	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71	
-	1	1	1	1	2119791-5	DEPRESSOR, WIRE	70	
-	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	1338683-8	FEED PAWL	56	
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54	
-	2	2	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	53	
-	1	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52	
-	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51	
-	1	1	1	1	690753-2	SPACER, TONKER	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	1803515-1	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	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30	
-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29	
-	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	2	2	1-18028-2	WASHER, FLAT, REG M4	20	
-	1	1	1	1	2119533-1	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	1803095-3	FLOATING SHEAR, FRONT	9	
-	1	2	2	1	1	4-1633919-8	ANVIL, COMBINATION	8
-	1	1	1	1	1-240641-0	SPACER	7	
-	-	-	-	-	-	-	6	
-	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5	
-	1	1	1	1	238011-9	BLOCK, CRIMPER SPACER	4	
-	1	2	2	1	1	4-1803019-0	CRIMPER, INSULATION O	3
-	1	1	1	1	455888-5	SPACER, CRIMPER	2	
-	1	2	2	1	1	2-1633588-3	CRIMPER, WIRE	1
-	77	-72	-71	-2	-1	PART NO	ITEM NO	

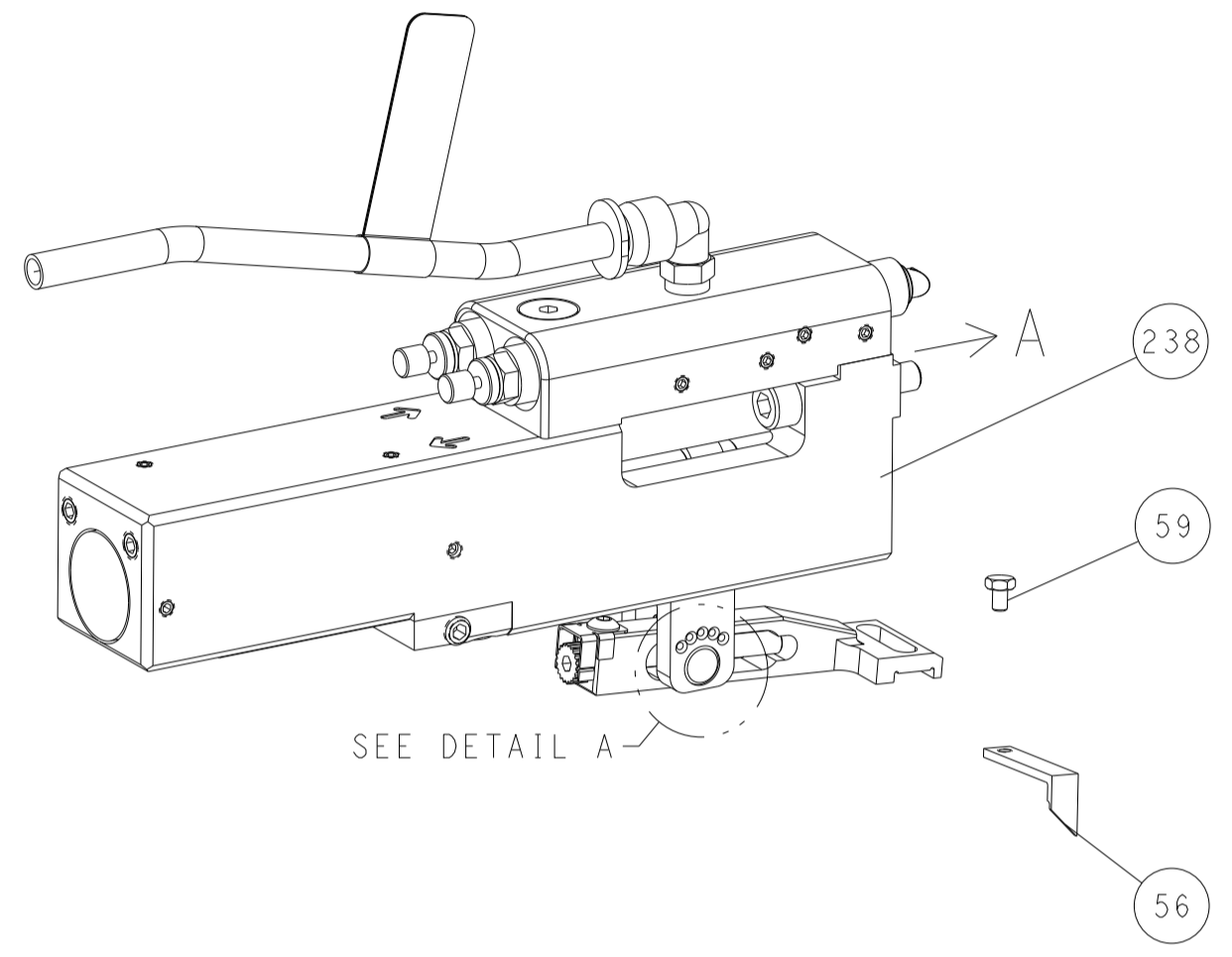
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN	DATE	NAME	
mm	0 PLC ±	1 PLC ±	2 PLC ±	J. HOU	2JUL2015	TE Connectivity	
	3 PLC ±	4 PLC ±	ANGLES ±	L. ZHANG	2JUL2015	Harrisburg, PA 17105-3608	
	FINISH			J. GUO	2JUL2015	Ocean Side Feed Applicator	
MATERIAL						SIZE	CAGE CODE
						A1	00779
						DRAWING NO	2151243
						RESTRICTED TO	
						Customer Accessible Production Drawing	SCALE 1:2 SHEET 1 OF 4 REV B

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

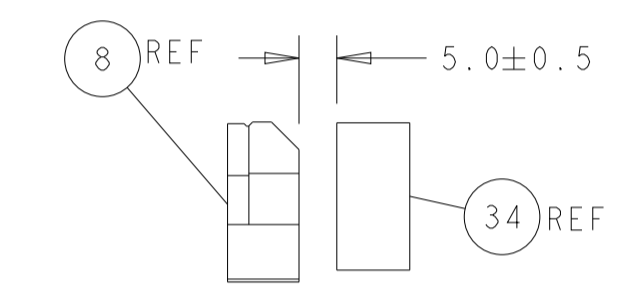
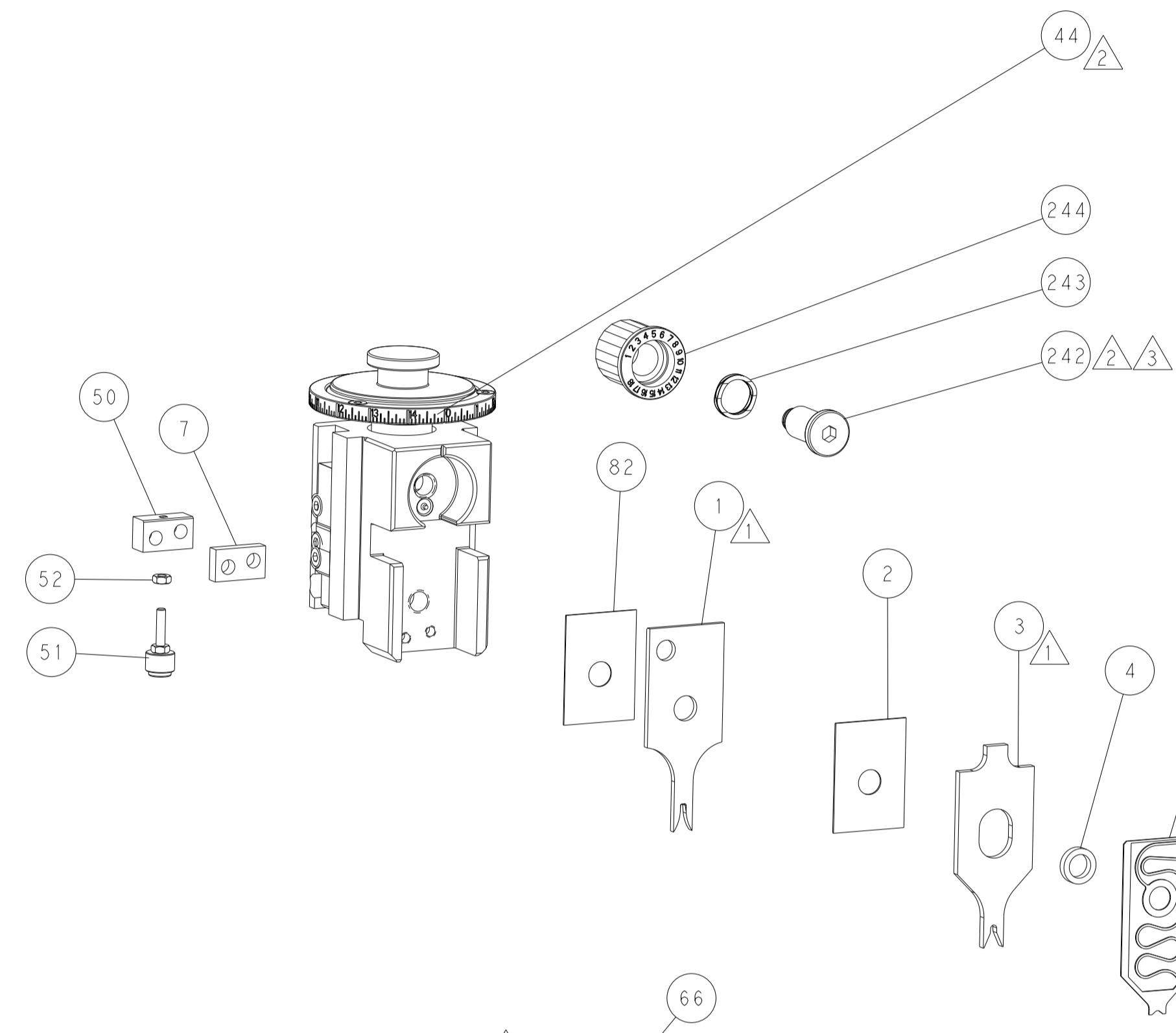
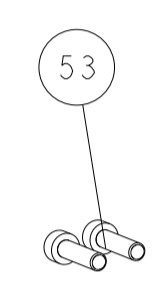
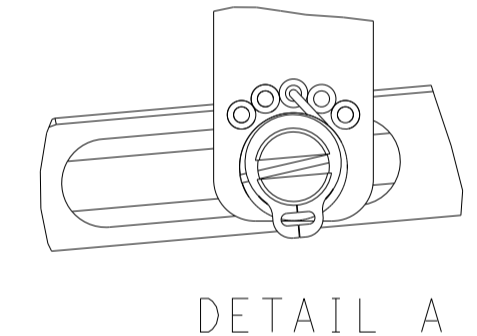
# FEED TYPE MECHANICAL



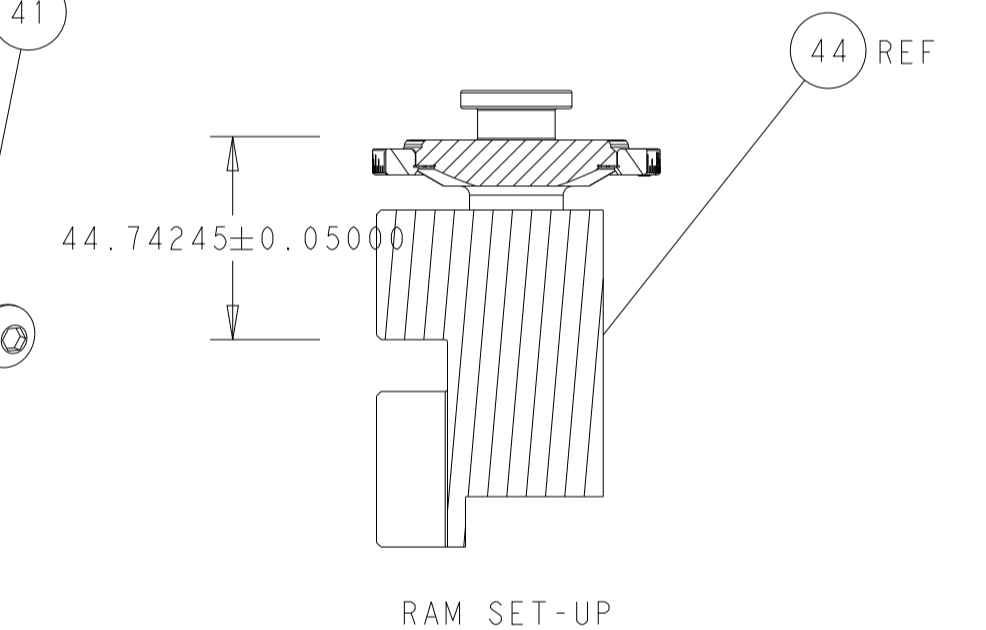
## PNEUMATIC



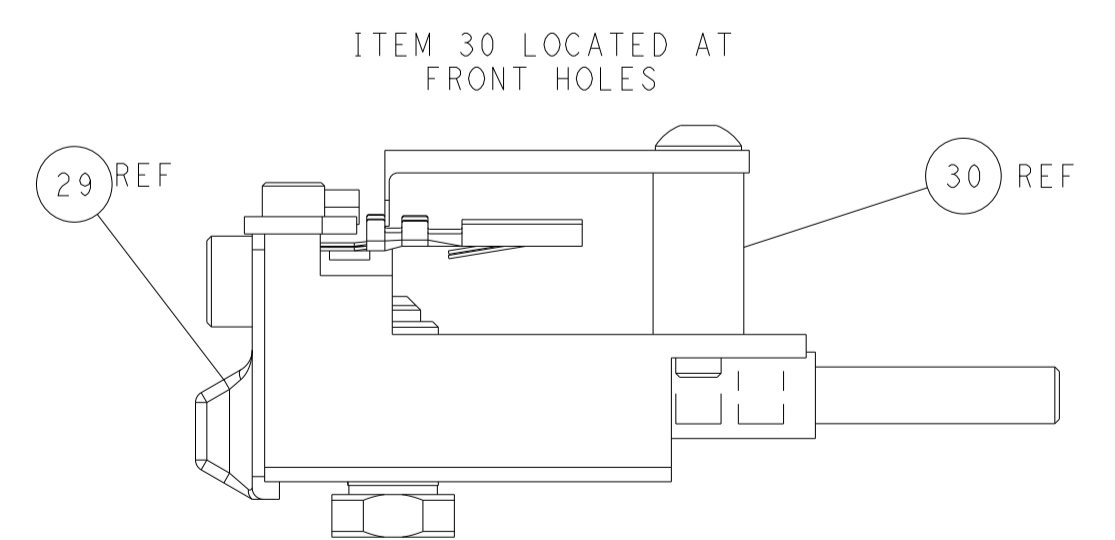
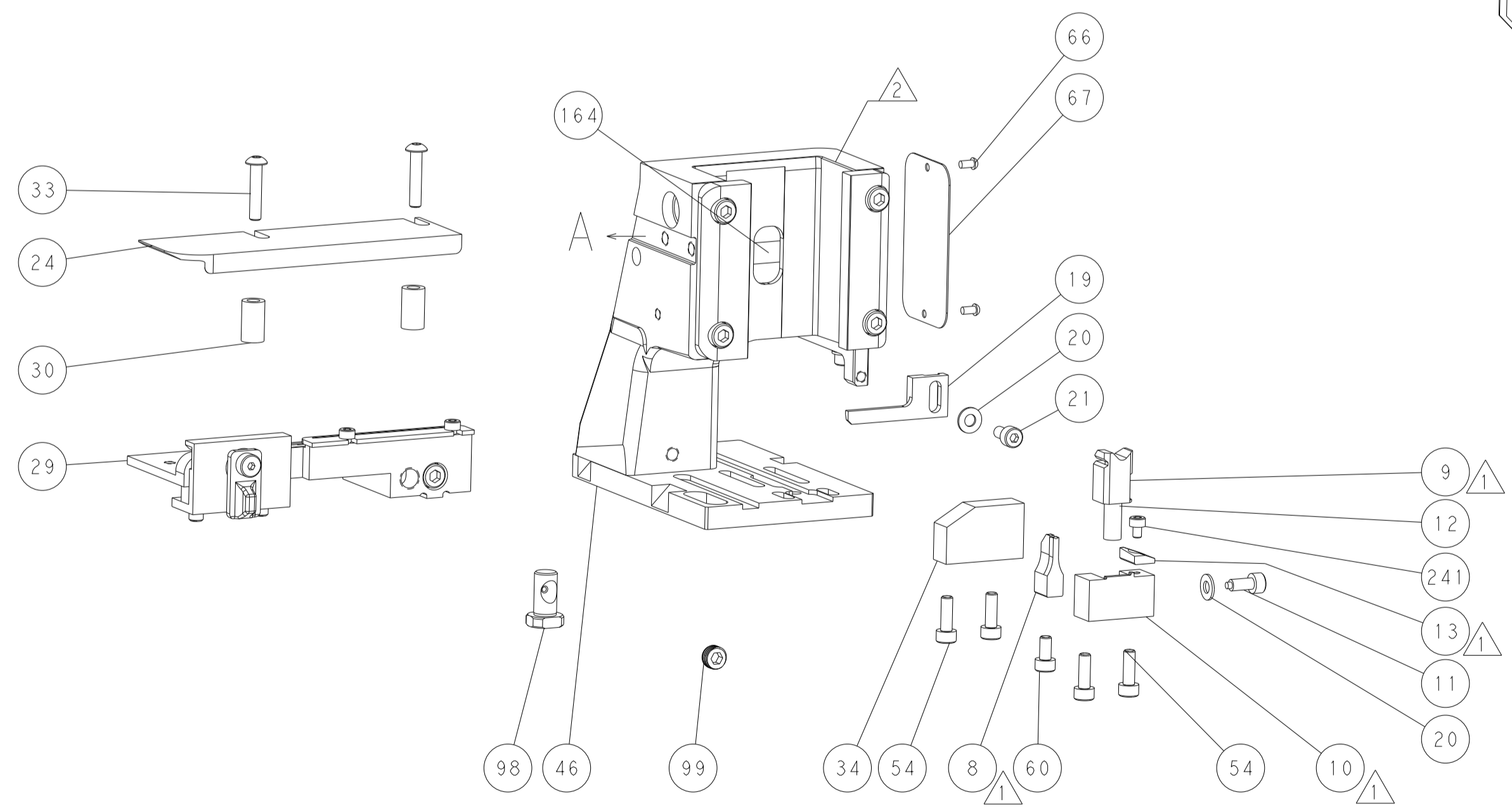
## FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



TERMINAL SUPPORT LOCATION

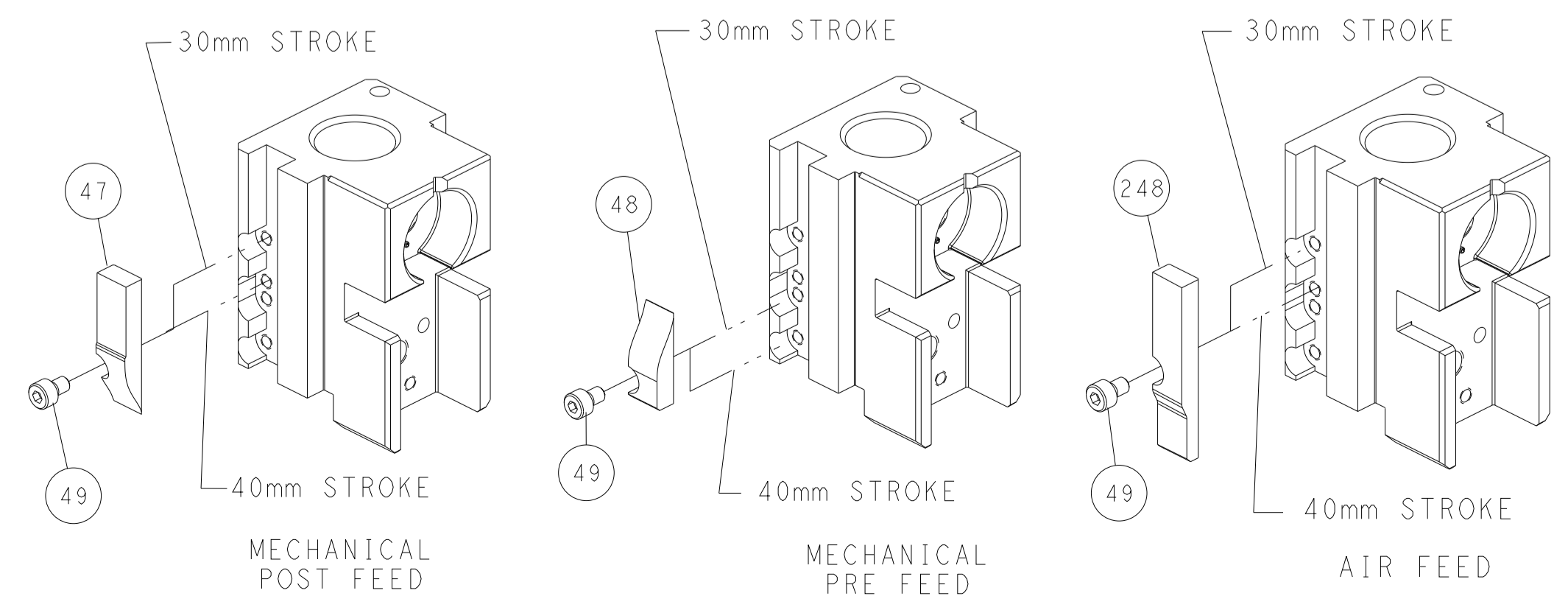


RAM SET-UP



FEED TRACK POSITION GUIDE BY INSULATION BARREL

# CAM POSITIONS



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

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. ALL RIGHTS RESERVED. © 2015 BY TYCO ELECTRONICS CORPORATION. THIS DRAWING IS CONTROLLED DOCUMENT. FOR THE PURPOSES OF THIS DRAWING, THE INFORMATION IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE KEPT CONFIDENTIAL AND NOT TO BE DISCLOSED TO ANY OTHER ORGANIZATION WITHOUT THE WRITTEN PERMISSION OF TYCO ELECTRONICS CORPORATION.</small>		DWN J. HOU 2 JUL 2015 CHK L. ZHANG 2 JUL 2015 APVD U. GUO 2 JUL 2015	TE Connectivity Harrisburg, PA 17105-3608
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES FINISH ±		NAME Ocean Side Feed Applicator PRODUCT SPEC APPLICATION SPEC WEIGHT SCALE 1:2	SIZE CAGE CODE DRAWING NO RESTRICTED TO A1 00779 ©=2151243 SHEET 2 OF 4 REV B
MATERIAL:		Customer Accessible Production Drawing	

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151243-1	B	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151243-2	B	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151243-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR  
 INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.78 mm [.070]	F
INSUL	2.29 mm [.090]	O

APPLICATOR INSTRUCTIONS  
 408-35042

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: DUAL LINE INTERLOCK CONNECTOR			
WIRE STRIP LENGTH 3.80-4.20 mm [1.50-.165 IN]		INSULATION DIAMETER RANGE Ø1.40-2.40 mm [0.055-.094 IN]	
TERMINAL APPLICATION SPECIFICATION	114-5045	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1-170291-1	1-170291-4	1-170291-5	1-170291-6
1-170291-7			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
20 AWG OR 0.56mm <sup>2</sup>	1.12+/-0.05 [0.044+/-0.002]	6.8
22 AWG OR 0.30mm <sup>2</sup>	1.00+/-0.05 [0.039+/-0.002]	8.2

- 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. 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.

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

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

-	1	1	2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244	
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243	
3	-	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	2844908-1	SCREW, LOCKING	99	
-	1	1	2844907-1	POST, LOCKING	98	
-	1	1	455888-4	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	1338683-8	FEED PAWL	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	1320928-2	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	4-1633919-8	ANVIL, COMBINATION	8	
-	1	1	1-240641-0	SPACER	7	
-	-	-	-	-	6	
-	1	1	2119757-8	DEPRESSOR, SHEAR	5	
-	1	1	238011-9	BLOCK, CRIMPER SPACER	4	
1	1	1	4-1803019-0	CRIMPER, INSULATION O	3	
-	1	1	455888-5	SPACER, CRIMPER	2	
1	1	1	2-1633588-3	CRIMPER, WIRE	1	

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±
	ANGLES ±	FINISH			

ITEM NO	PART NO	DESCRIPTION
-77	-22	-21

OWN	J. HOU	2 JUL 2015
CHK	L. ZHAGN	2 JUL 2015
APVD	J. GUO	2 JUL 2015

TE Connectivity  
 Harrisburg, PA 17105-3608

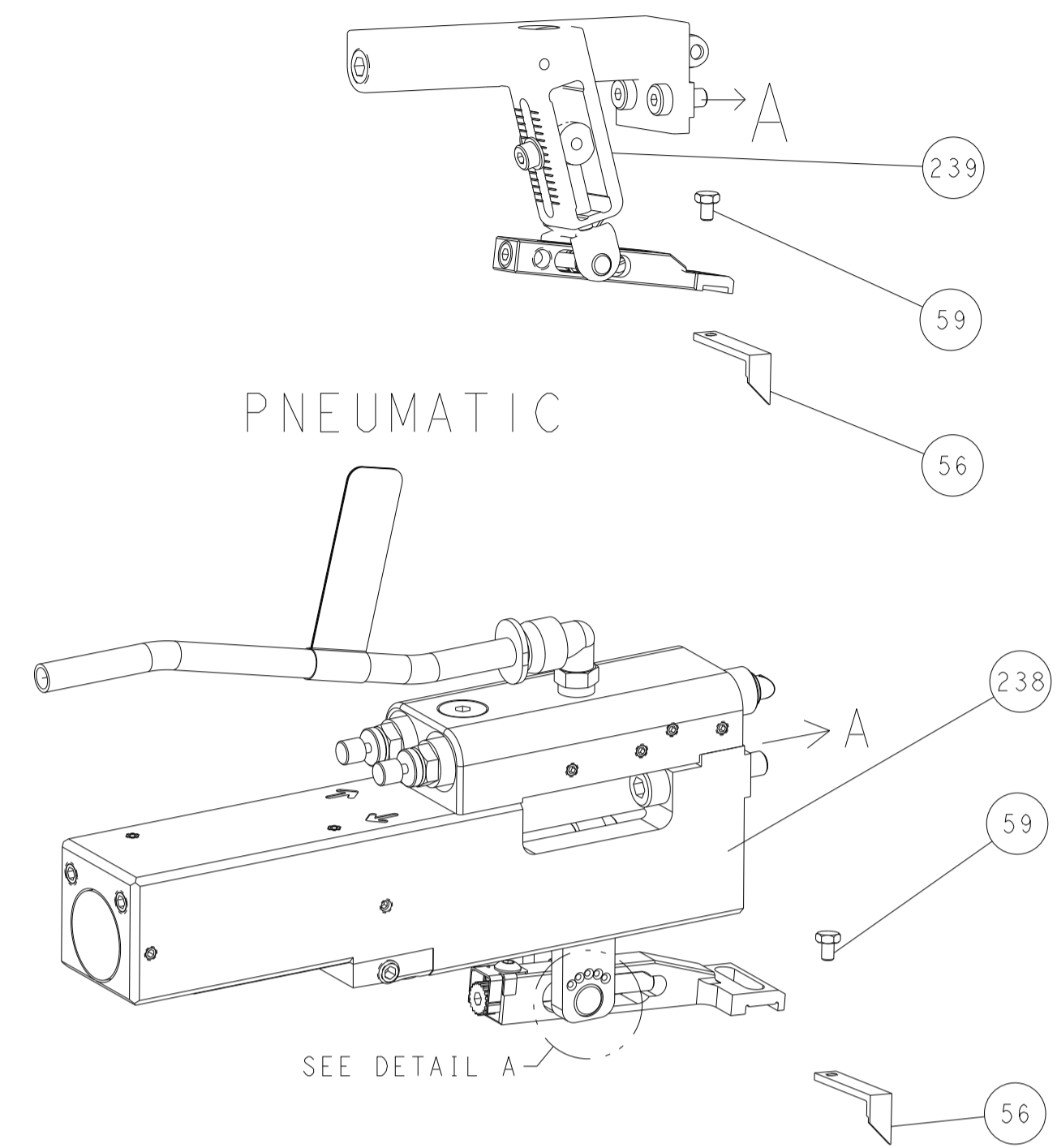
Ocean Side Feed  
 Applicator

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2151243

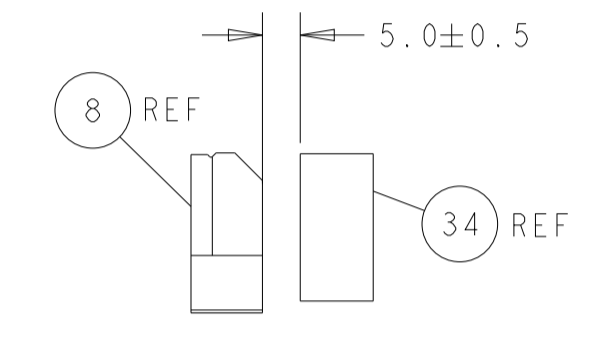
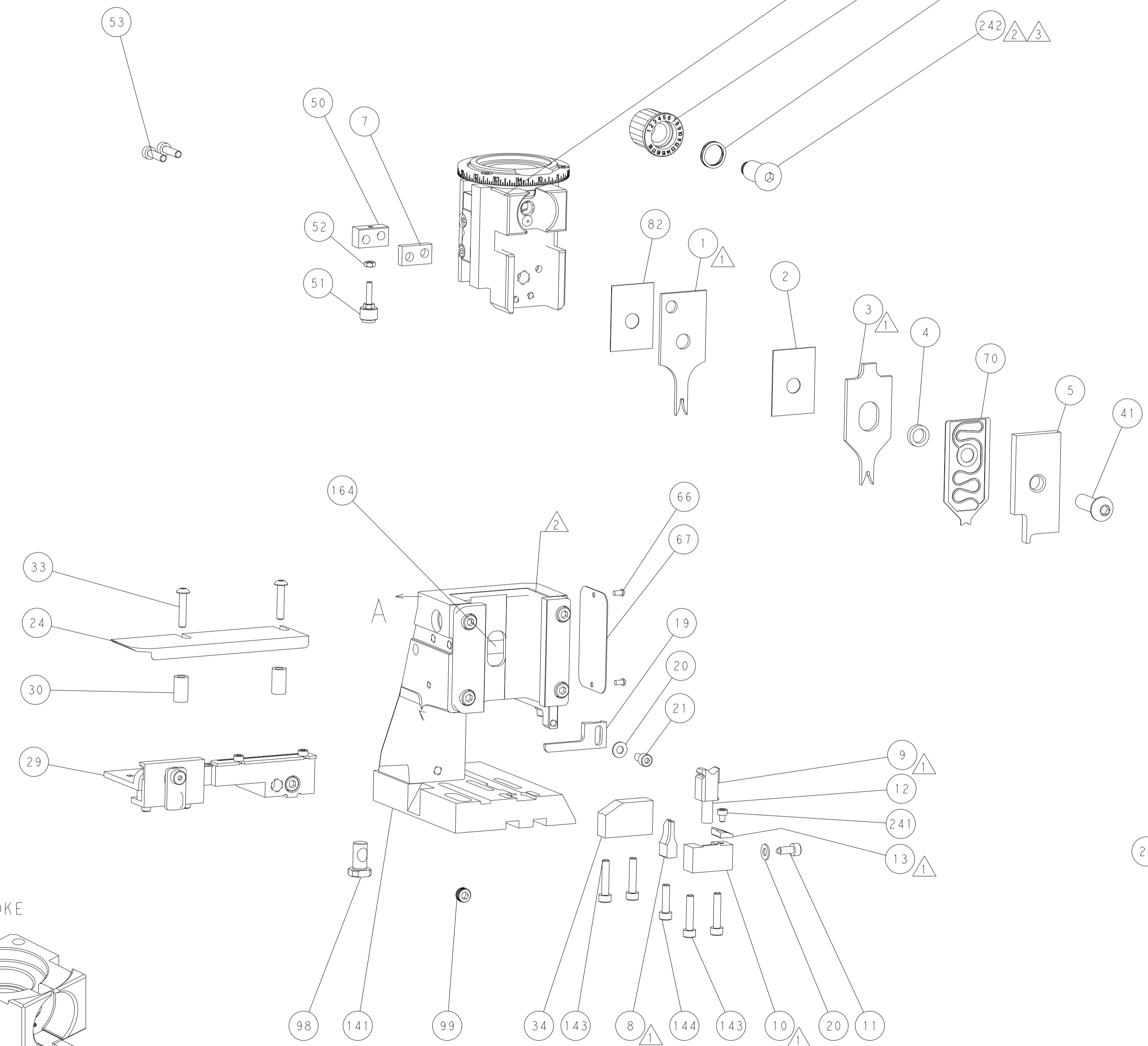
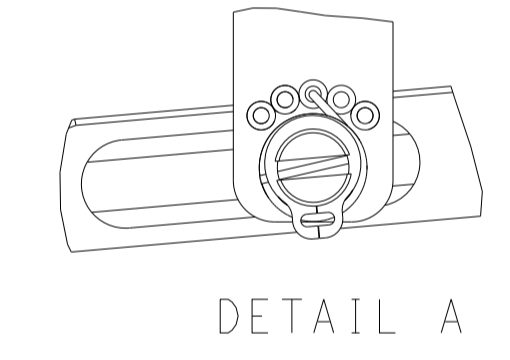
Customer Accessible Production Drawing SCALE: 1:2 SHEET 3 OF 4 REV B

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

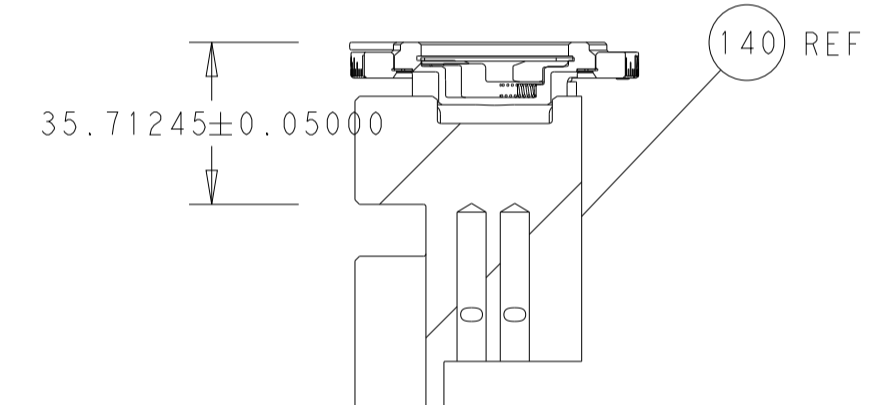
# FEED TYPE MECHANICAL



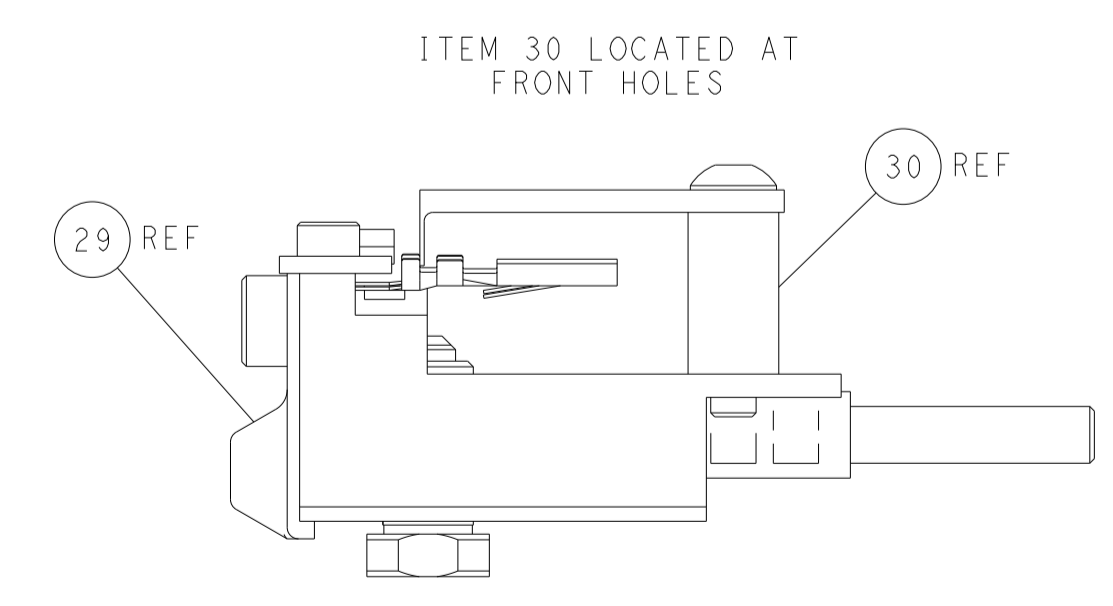
## FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



TERMINAL SUPPORT LOCATION

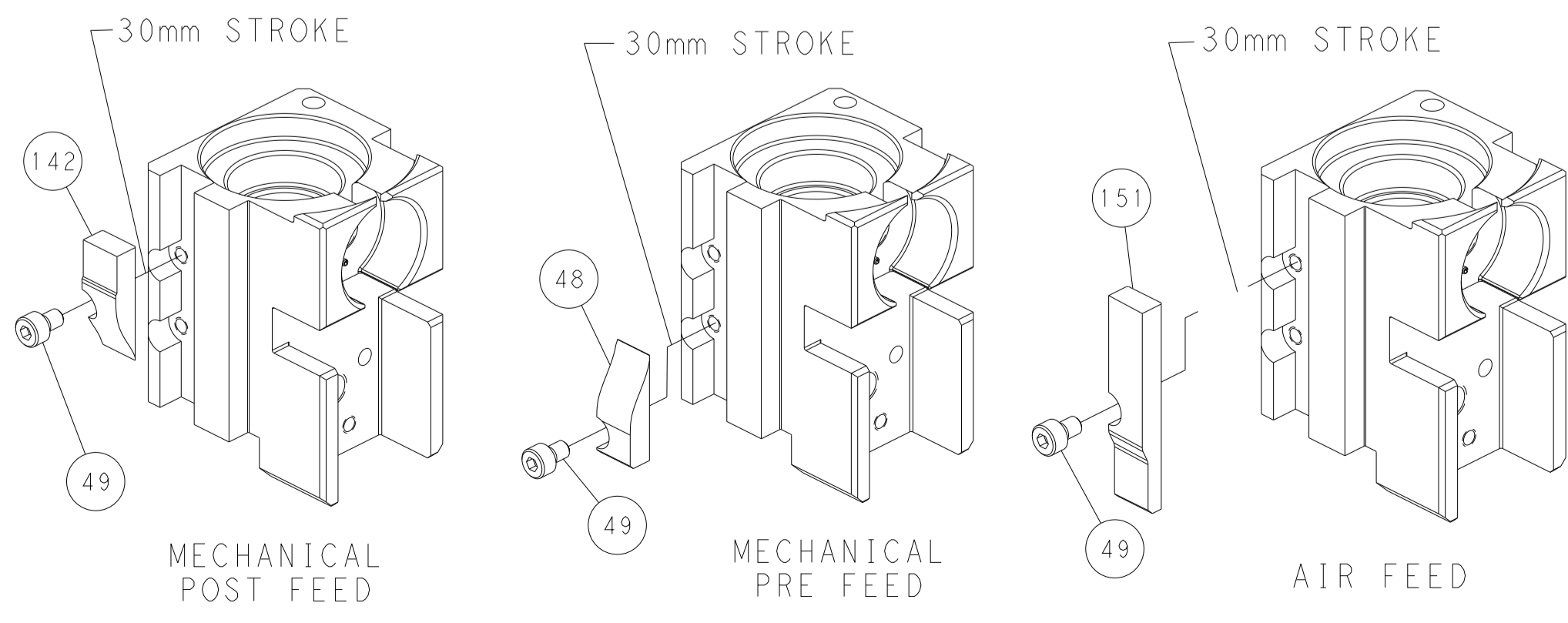


RAM SET-UP



FEED TRACK POSITION GUIDE BY INSULATION BARREL

## 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:		DWG: J. HOU 2JUL2015		CHK: L. ZHANG 2JUL2015		APVD: J. GUO 2JUL2015		NAME: Ocean Side Feed Applicator		
mm	0 PLC	±		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	STE TE Connectivity Harrisburg, PA 17105-3608				
	1 PLC	±		A		00779	©=2151243	Customer Accessible Production Drawing				
	2 PLC	±		SCALE		1:2	SHEET	4	OF	4	REV	B
	3 PLC	±		MATERIAL								
	4 PLC	±		FINISH								
	ANGLES	±		WEIGHT								