

8		7	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151975-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151975-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151975-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151975-2	D	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151975-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.35 mm [.093]	F
INSUL	3.18 mm [.125]	OV
APPLICATOR INSTRUCTIONS 408-35042		

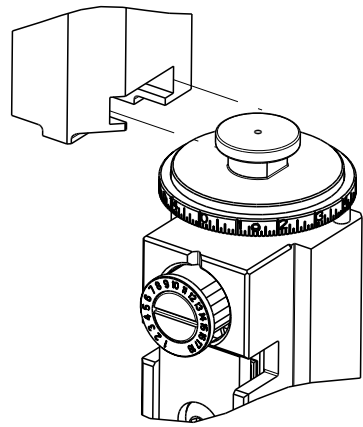
TERMINAL DATA: YAZAKI TERMINAL				YAZAKI CRIMP SPECIFICATION			
TERMINAL NAME: 2.8 SYSTEM CONNECTOR							
WIRE STRIP LENGTH				INSULATION DIAMETER RANGE			
5.00-5.50 mm [.197-.217 IN]				Ø1.70-2.70 mm [.067-.106 IN]			
TERMINAL APPLICATION SPECIFICATION				YAZAKI 7116-4271-02 Rev -			
TERMINALS APPLIED							
TE TERMINAL		YAZAKI TERMINAL		TE TERMINAL		YAZAKI TERMINAL	
1949118-1		7116-4111-02		1949118-3		7114-4111-02	
1949118-2		7116-4271-02					

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.30+/-0.05 [.051+/- .002]	6.2
0.75mm2	1.20+/-0.05 [.047+/- .002]	7.7



- 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 ITEMS 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 FEED AND REF SETTINGS WILL REQUIRE ADJUSTMENT WHEN CHANGING FROM ONE TERMINAL TO ANOTHER.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



*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)

2		1	
LOC	DIST	REVISIONS	
A	66	P	LYR
			DESCRIPTION
		A	RELEASED
		B	ECR-18-007981
		C	ECR-19-005339
		D	ECR-20-016178
			DATE
			DWN
			APVD
			UG
			FL
			FZ
			CT
			JWC
			RK

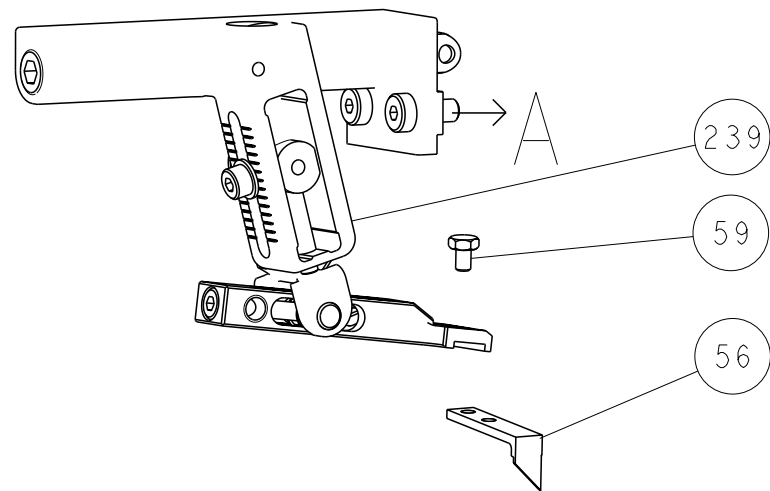
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	1-22281-8	SPRING, COMPRESSION	121
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	2-690438-2	FRONT STRIP GUIDE	96
-	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
-	1	1	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	93
-	1	1	1	1	455888-4	SPACER, CRIMPER	82
-	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
-	2	2	2	2	2-18032-5	SCR, SET, FLT PNT, M5 X 20.0	61
-	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	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	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
-	1	1	1	1	1803382-6	HOLD DOWN, SPRING LOADED	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	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	3-2844962-0	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	2844938-6	PLATE, STRIP GUIDE	29
-	1	1	1	1	455888-5	SPACER, CRIMPER	28
-	2	2	2	2	22283-1	SPRING, COMPRESSION	27
-	1	1	1	1	356835-1	LEVER, DRAG RELEASE	26
-	1	1	1	1	240792-1	DRAG, TERMINAL	25
-	1	1	1	1	1320928-6	STRIP GUIDE	24
-	1	1	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
-	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	2119533-1	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	1803095-5	FLOATING SHEAR, FRONT	9
-	1	2	2	1	2-1633928-6	ANVIL, COMBINATION	8
-	1	1	1	1	1-240641-7	SPACER	7
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	4-2119785-2	CRIMPER, INSULATION OVERLAP PREMIUM	3
-	2	1	1	1	1-455888-1	SPACER, CRIMPER	2
-	1	2	2	1	5-1673600-2	CRIMPER, WIRE	1
-	77	-72	-71	-2	-1	PART NO	ITEM NO
-	-	-	-	-	-	DESCRIPTION	

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE DRAWING ENGINEERING DEPARTMENT. IT SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. HUANG CHK L. ZHANG APVD J. GUO	09JUN2013 09JUN2013 09JUN2013	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME Ocean Side Feed Applicator	
MATERIAL -		FINISH -		SIZE A1	
				CAGE CODE 00779	
				DRAWING NO 2151975	
				RESTRICTED TO -	
				Customer Accessible Production Drawing	
				SCALE 1:2	
				SHEET 1	
				OF 4	
				REV D	

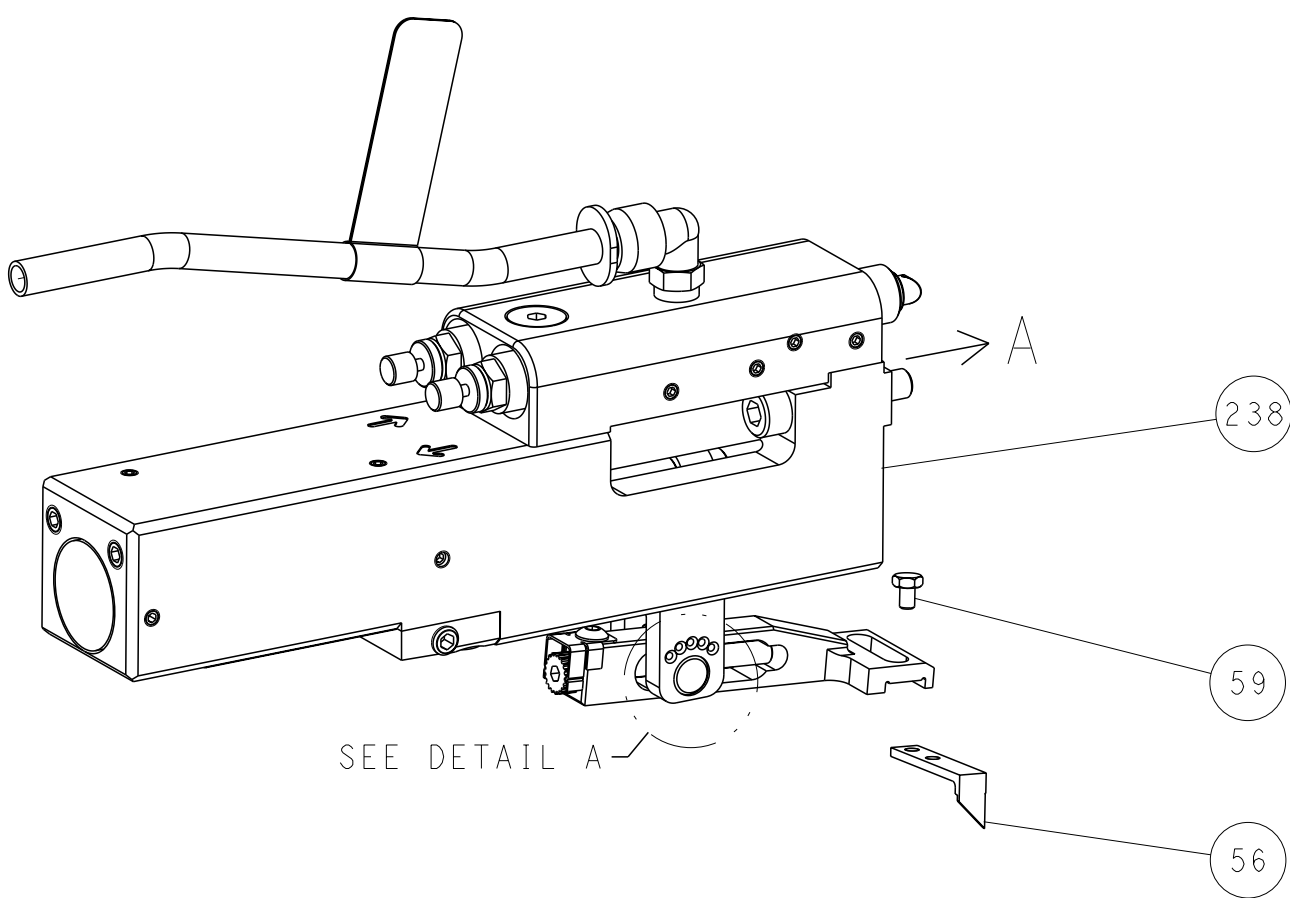
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

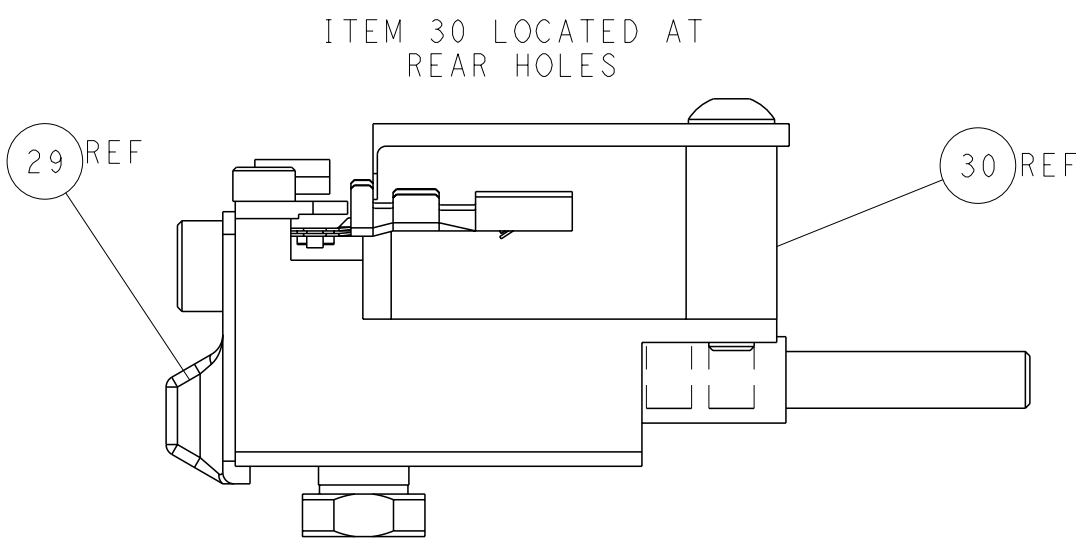
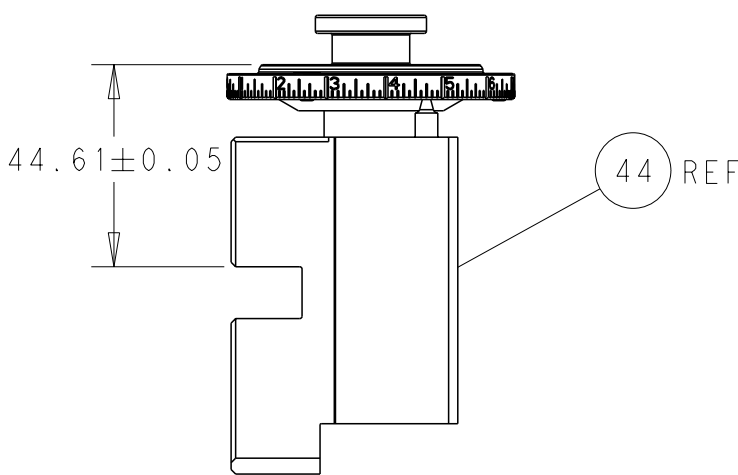
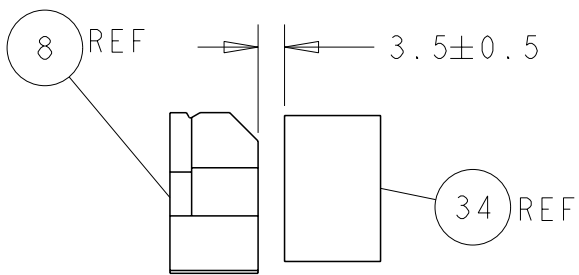
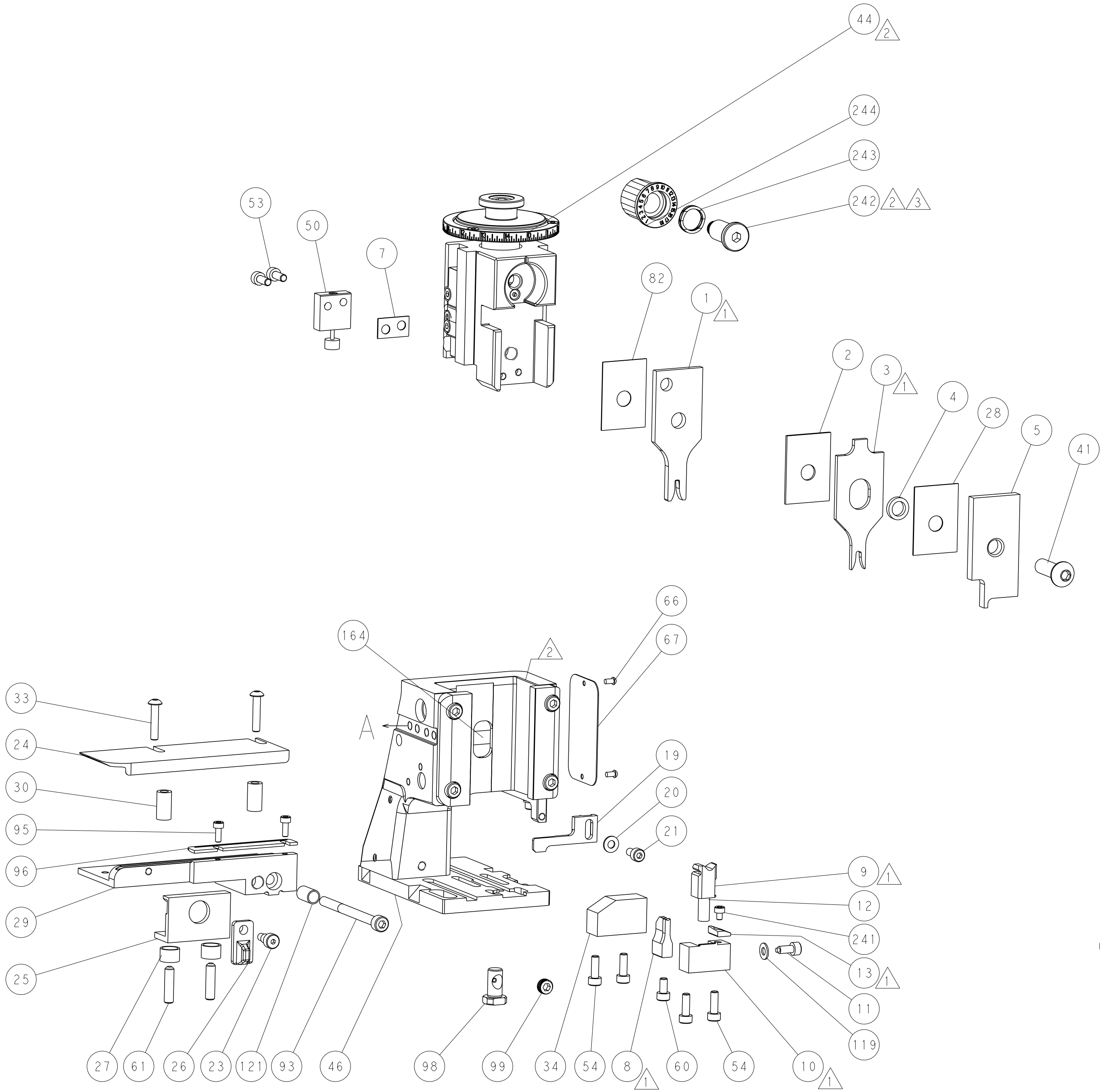
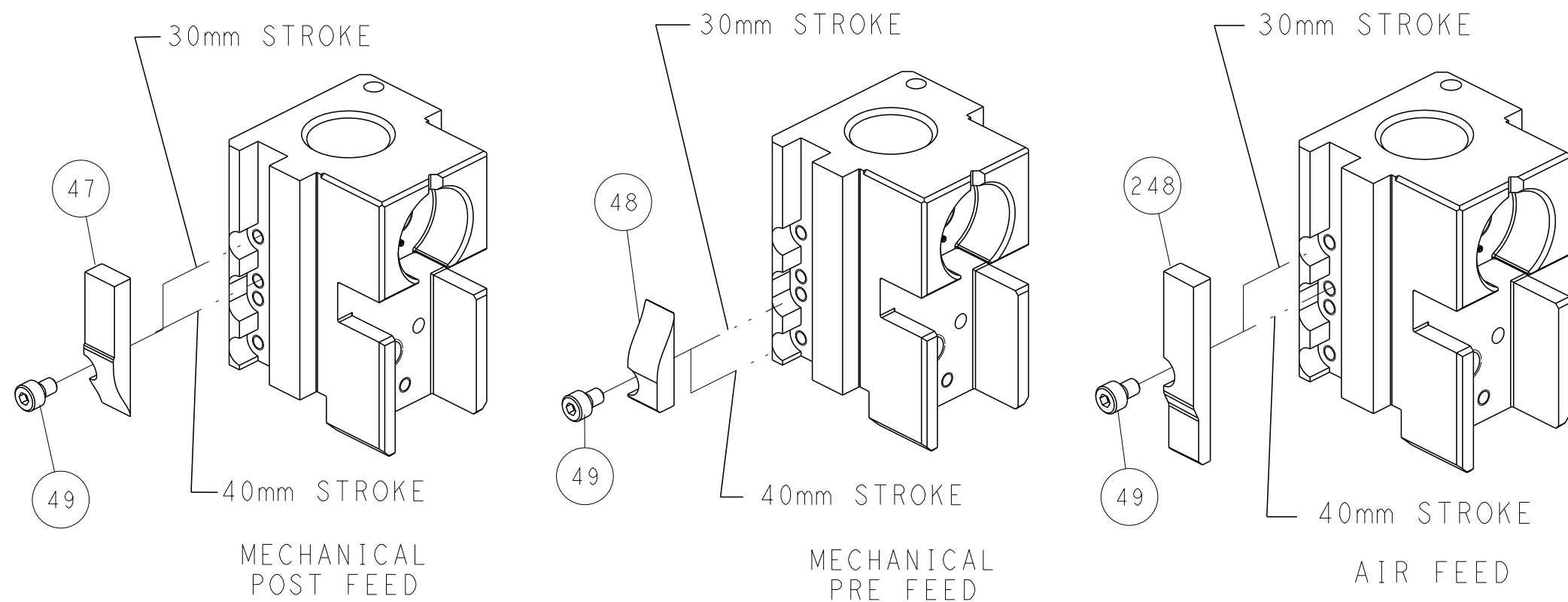
FEED TYPE
MECHANICAL



PNEUMATIC



CAM POSITIONS

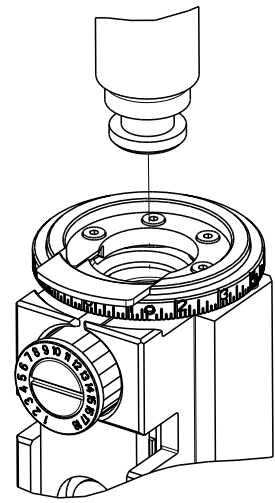


ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		09JUN2013		K. HUANG	
mm		0 PLC ±		CHK		09JUN2013		L. ZHANG	
		1 PLC ±		APVD		09JUN2013		U. GUO	
		2 PLC ±		PRODUCT SPEC				NAME	
		3 PLC ±		APPLICATION SPEC				Ocean Side Feed	
		4 PLC ±		WEIGHT				Applicator	
		ANGLES		SIZE		CAGE CODE		DRAWING NO	
		FINISH		MATERIAL		A1		00779	
								©=2151975	
								Customer Accessible Production Drawing	
								SCALE	
								1:2	
								SHEET	
								2	
								OF	
								4	
								REV	
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8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151975-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151975-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151975-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.35 mm [.093]	F
INSUL	3.18 mm [.125]	OV
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: YAZAKI TERMINAL				YAZAKI CRIMP SPECIFICATION			
TERMINAL NAME: 2.8 SYSTEM CONNECTOR							
WIRE STRIP LENGTH				INSULATION DIAMETER RANGE			
5.00-5.50 mm [.197-.217 IN]				Ø1.70-2.70 mm [.067-.106 IN]			
TERMINAL APPLICATION SPECIFICATION				YAZAKI 7116-4271-02 Rev - - -			
TERMINALS APPLIED 							
TE TERMINAL		YAZAKI TERMINAL		TE TERMINAL		YAZAKI TERMINAL	
1949118-1		7116-4111-02		1949118-3		7114-4111-02	
1949118-2		7116-4271-02					

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
1.00mm2		1.30+/-0.05 [.051+/-0.002]		6.2
0.75mm2		1.20+/-0.05 [.047+/-0.002]		7.7



- 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 ITEMS 62 & 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 FEED AND REF SETTINGS WILL REQUIRE ADJUSTMENT WHEN CHANGING FROM ONE TERMINAL TO ANOTHER.
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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	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	1-22281-8	SPRING, COMPRESSION	121
-	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	2-690438-2	FRONT STRIP GUIDE	96
-	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
-	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	93
-	1	1	455888-4	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
-	2	2	2-18032-5	SCR, SET, FLT PNT, M5 X 20.0	61
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1338685-1	PAWL, FEED	56
-	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	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	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	2844938-6	PLATE, STRIP GUIDE	29
-	1	1	455888-5	SPACER, CRIMPER	28
-	2	2	22283-1	SPRING, COMPRESSION	27
-	1	1	356835-1	LEVER, DRAG RELEASE	26
-	1	1	240792-1	DRAG, TERMINAL	25
-	1	1	1320928-6	STRIP GUIDE	24
-	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
-	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	1-356885-4	STOP, SHEAR	11
-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1803095-5	FLOATING SHEAR, FRONT	9
-	1	1	2-1633928-6	ANVIL, COMBINATION	8
-	1	1	1-240641-7	SPACER	7
-	-	-	-	-	7
-	-	-	-	-	6
-	1	1	2119757-4	DEPRESSOR, SHEAR	5
-	1	1	238011-4	BLOCK, CRIMPER SPACER	4
-	1	1	4-2119785-2	CRIMPER, INSULATION OVERLAP PREMIUM	3
-	1	1	1-455888-1	SPACER, CRIMPER	2
-	1	1	5-1673600-2	CRIMPER, WIRE	1

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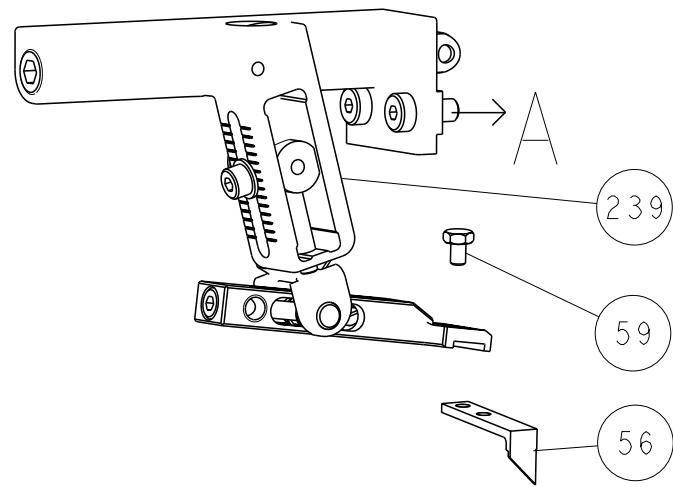
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THIS DRAWING IS CONTROLLED DOCUMENT AND THE LATEST REVISION SHALL BE CONTACTED FOR THE LATEST REVISION		DWN R. HUANG 09JUN2013	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK L. ZHANG 09JUN2013	NAME Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		APVD U. GUO 09JUN2013	PRODUCT SPEC	
MATERIAL -		FINISH -	APPLICATION SPEC	
		WEIGHT -	SIZE A1	
		Customer Accessible Production Drawing		SCALE 1:2
		00779 ©=2151975		RESTRICTED TO -
		SHEET 3 OF 4		REV D

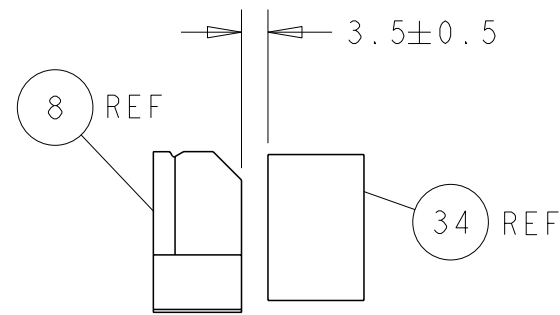
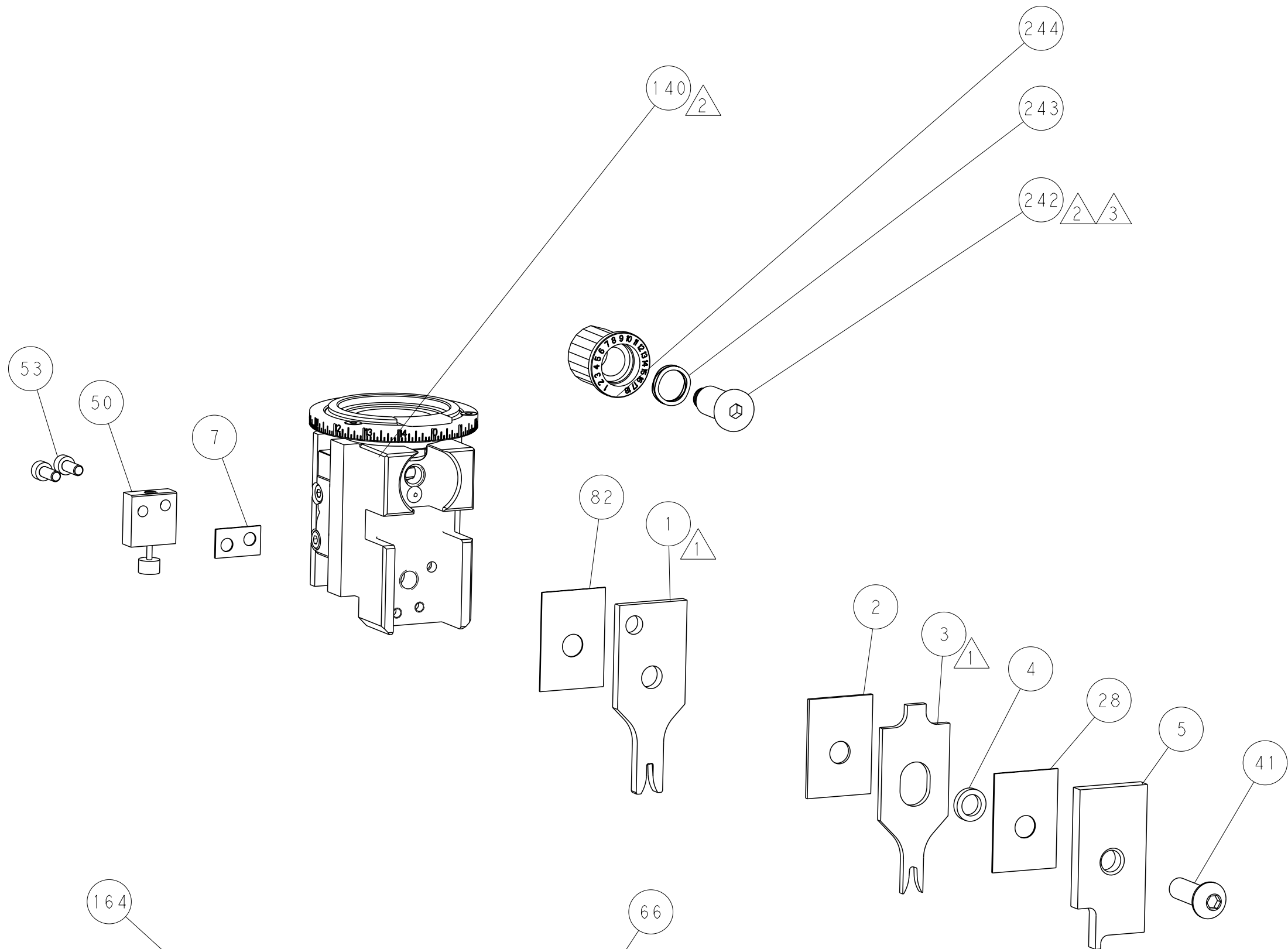
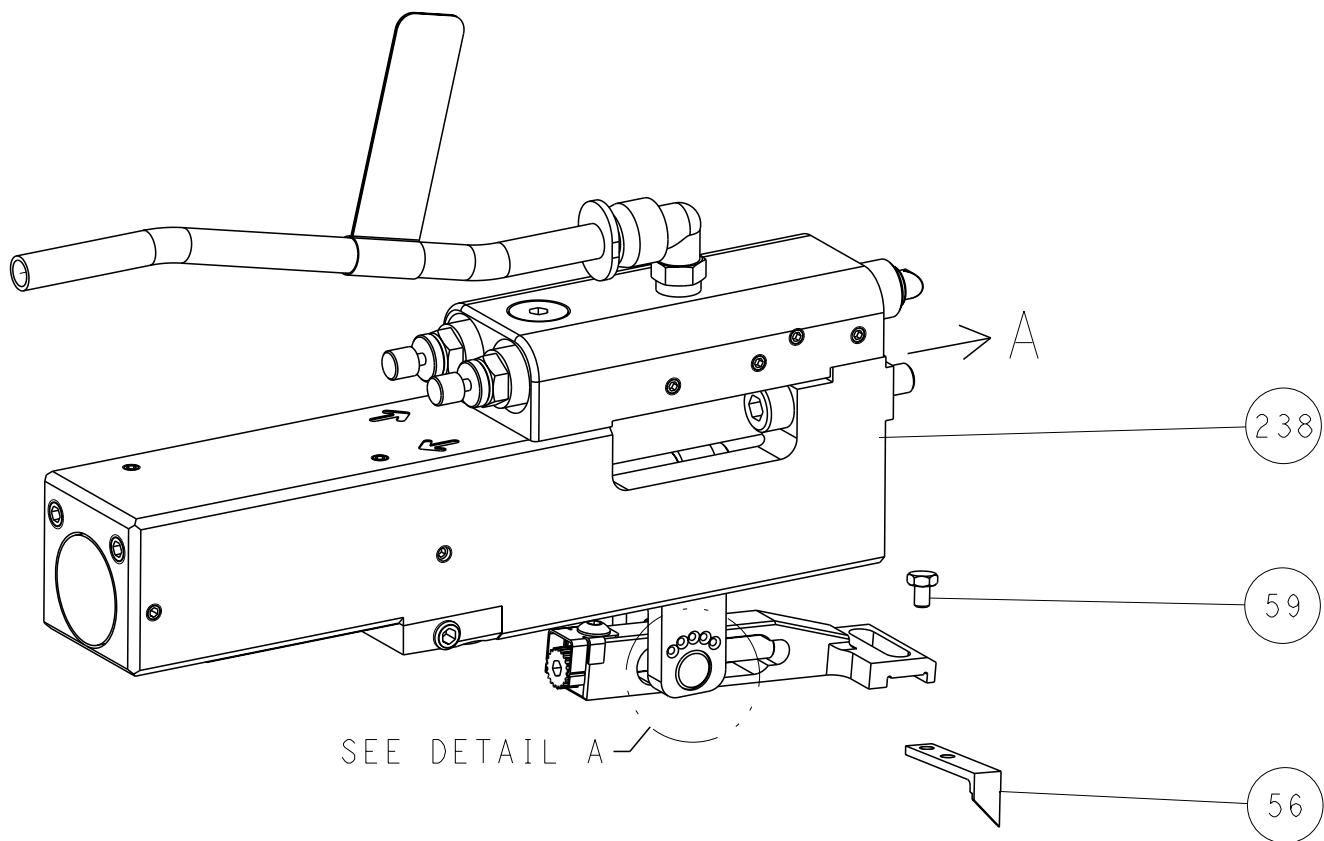
SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

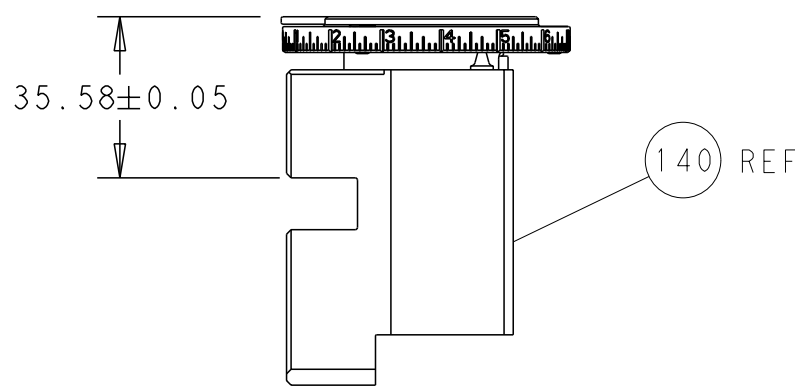
FEED TYPE
MECHANICAL



PNEUMATIC

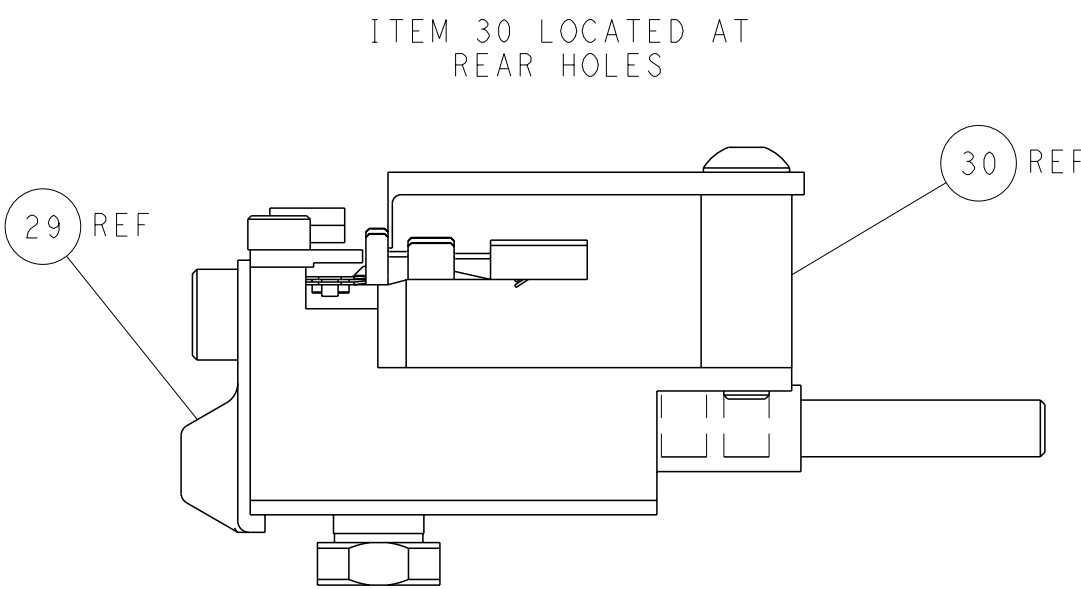
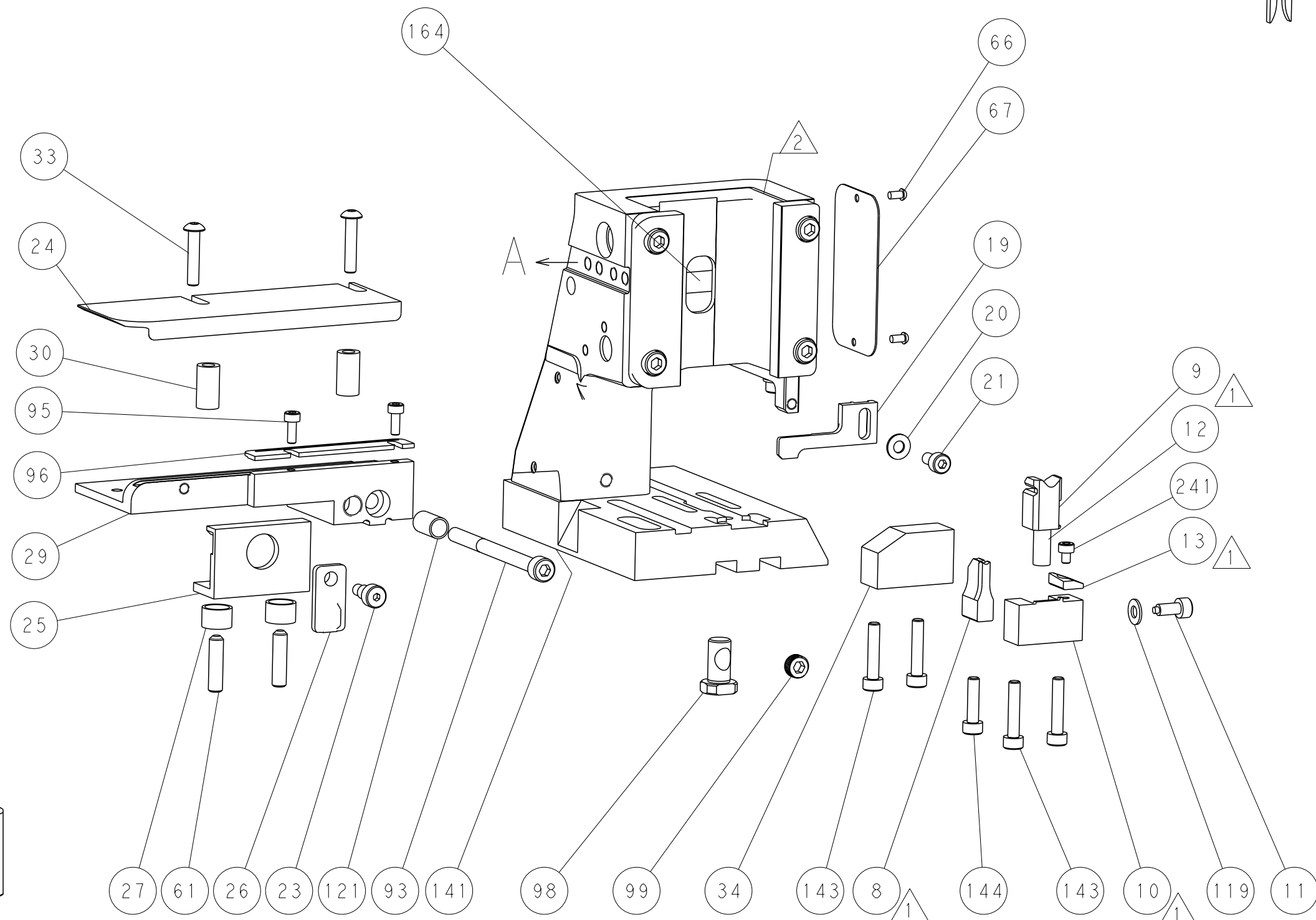
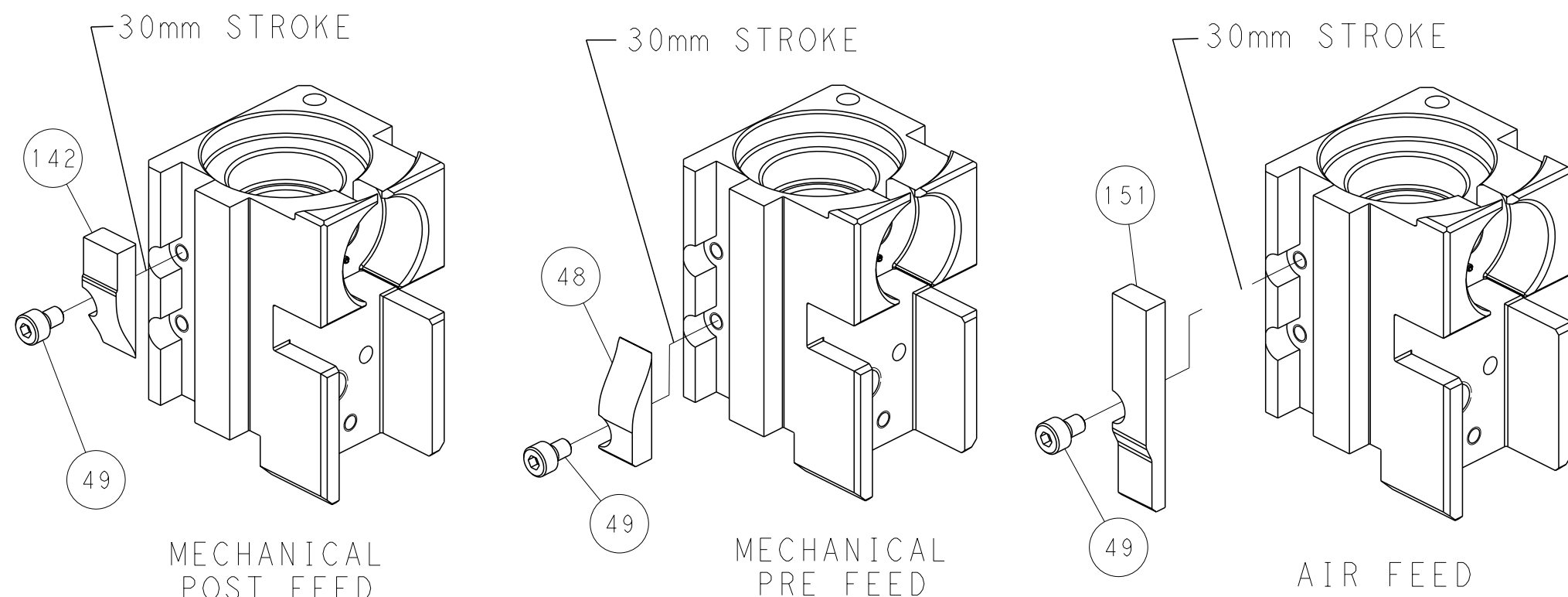


TERMINAL SUPPORT LOCATION



RAM SET-UP

CAM POSITIONS



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 A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND TO THE CONTROL AND ENGINEERING DEPARTMENT SHOULD BE CONTACTED FOR THE LATEST REVISION				DWN K. HUANG 09JUN2013	 TE Connectivity Harrisburg, PA 17105-3608					
				CHK L. ZHANG 09JUN2013						
				APVD U. GUO 09JUN2013	NAME Ocean Side Feed Applicator					
DIMENSIONS: mm				PRODUCT SPEC						
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APPLICATION SPEC						
0 PLC ±				SIZE A1						
1 PLC ±				CAGE CODE 00779						
2 PLC ±				DRAWING NO C=2151975						
3 PLC ±				RESTRICTED TO						
4 PLC ±				Customer Accessible Production Drawing						
ANGLES				SCALE 1:2						
FINISH				SHEET 4						
MATERIAL				OF 4						
				REV D						

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[7-2151975-7](#)