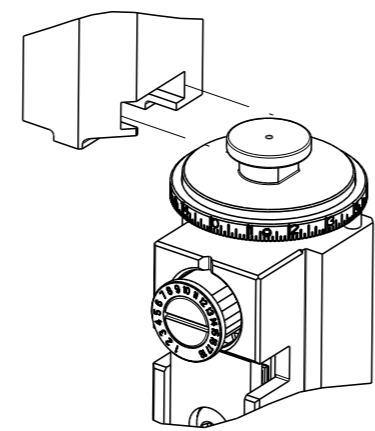


PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151850-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151850-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151850-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151850-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151850-7	A	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

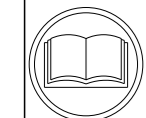


APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.68 mm [.145]	F
INSUL	4.37 mm [.172]	F

APPLICATOR INSTRUCTIONS 408-35042

TERMINAL DATA: DELPHI TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: TERM F M/P 630 P2S			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.60-4.60 mm [.181-.181 IN]		Ø3.40-3.70 mm [.134-.146 IN]	
TERMINAL APPLICATION SPECIFICATION	DELPHI		
TERMINALS APPLIED			
TE TERMINAL	DELPHI TERMINAL	TE TERMINAL	DELPHI TERMINAL
1572843-1	12176854-1		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
4.00mm2	2.55+/-0.05 [.100+/- .002]	6.6
3.00mm2	2.30+/-0.05 [.091+/- .002]	8.9



- 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.
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.

LOC	DIST	REVISIONS					
		P	LY#	DESCRIPTION	DATE	OWN	APVD
A	66	1		ORIGINAL	19DEC2012	GH	TE
		A		RELEASED	13FEB2013	GH	TE
		B		ECR-18-009942	26JUN2018	VLA	TE
		C		ECR-20-009353	01JUL2020	JAH	RR

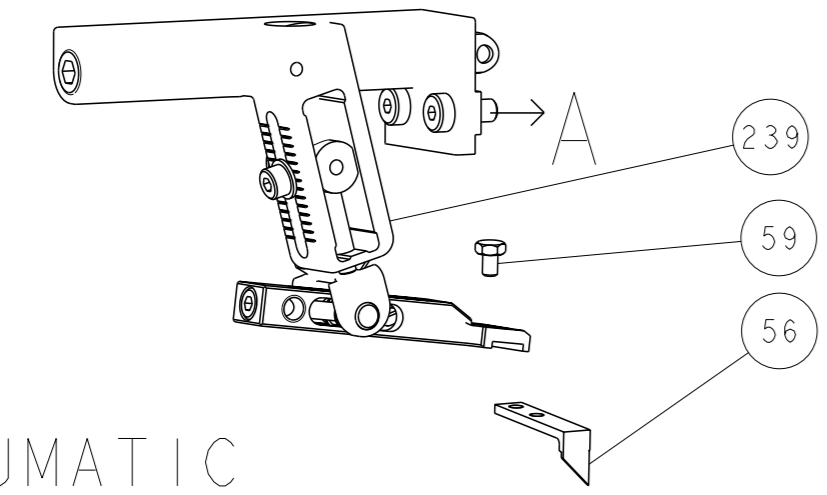
-	1	1	1	1	1803078-3	SPACER, PRECISION	259	
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248	
-	1	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244	
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243	
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242	
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	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	1-18028-2	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	318563-1	GUARD, FRONT CHIP	89	
-	1	1	1	1	455888-6	SPACER, CRIMPER	82	
-	1	1	1	1	455888-3	SPACER, CRIMPER	81	
-	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71	
-	1	1	1	1	2119791-5	DEPRESSOR, WIRE	70	
-	1	1	1	1	2119943-1	WASHER, SPACER	69	
-	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	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	1803515-2	RAM ASSEMBLY, SF ATLANTIC	44	
-	1	1	1	1	1803602-2	SCR, BHSC, RoHS (M8 X 40)	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	3-2844962-2	SPACER, CYLINDRICAL, STRIP GUIDE	30	
-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29	
-	1	1	1	1	1-455888-0	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	2119533-3	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	318707-1	FLOATING SHEAR, FRONT	9	
-	1	2	2	1	1	3-1633927-0	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7	
-	-	-	-	-	-	-	6	
-	1	1	1	1	2119757-9	DEPRESSOR, SHEAR	5	
-	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4	
-	1	2	2	1	1	6-2119582-5	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	1-455888-1	SPACER, CRIMPER	2	
-	1	2	2	1	1	2-1633609-4	CRIMPER, WIRE	1
-	77	72	71	-2	-1	PART NO	ITEM NO	

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

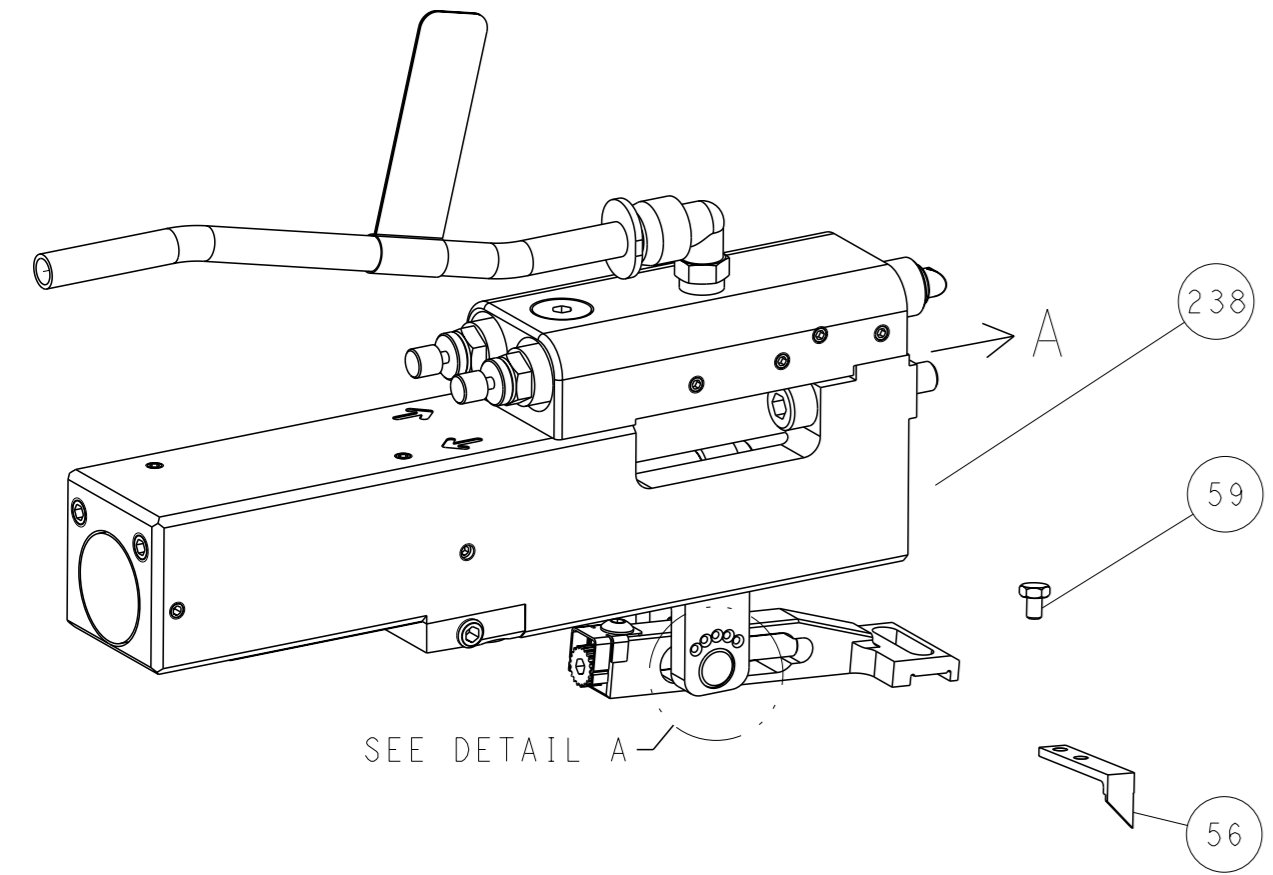
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	ANGLES	FINISH				T.ELBIN	Harrisburg, PA 17105-3608
MATERIAL						T.ELBIN	
						APVD	Ocean Side Feed
						PRODUCT SPEC	Applicator
						APPLICATION SPEC	
						SIZE	Customer Accessible Production Drawing
						CAGE CODE	00779
						DRAWING NO	2151850
						RESTRICTED TO	
						SCALE	1:2
						SHEET	1 of 4
						REV	C

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

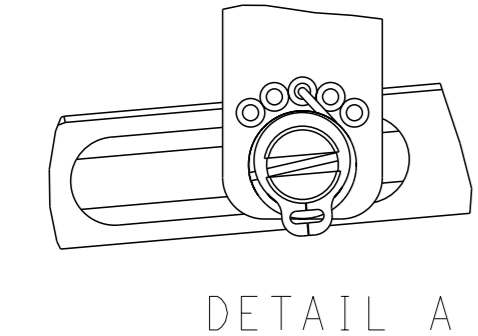
FEED TYPE MECHANICAL



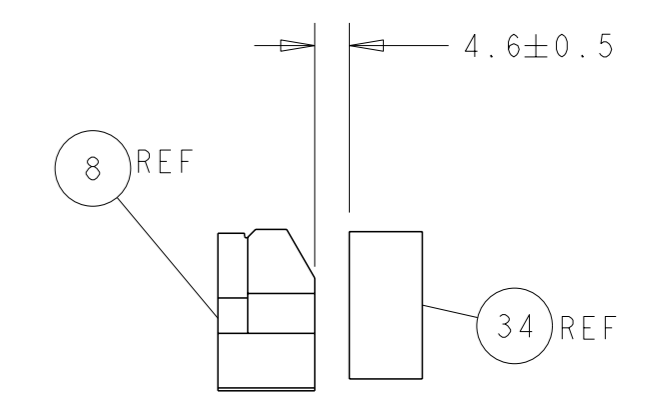
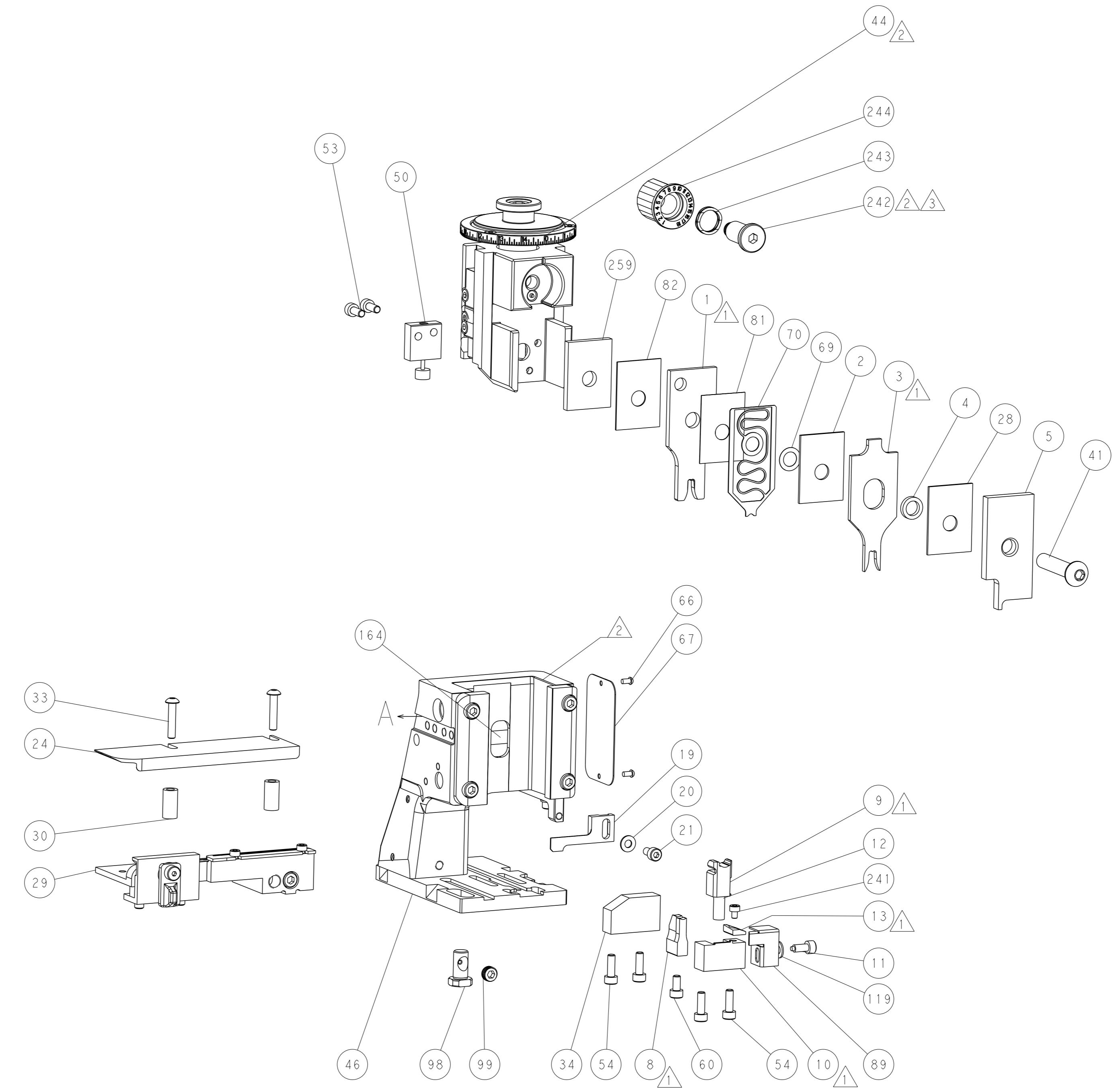
PNEUMATIC



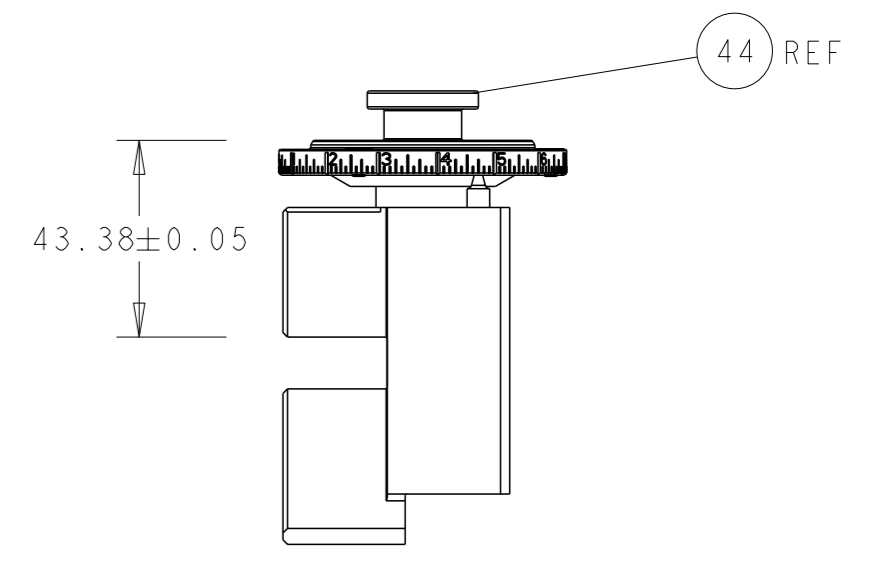
FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



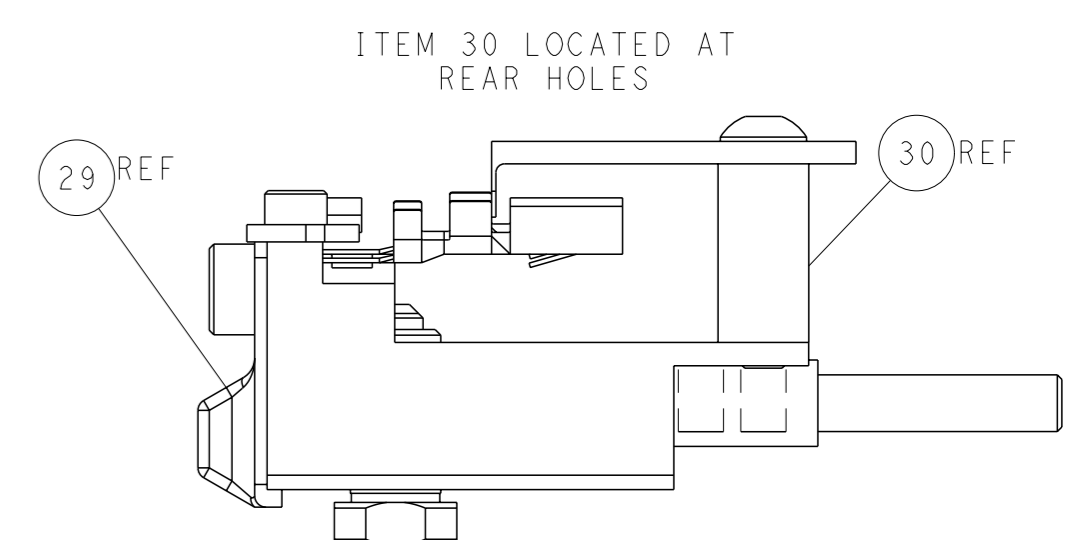
DETAIL A



TERMINAL SUPPORT LOCATION

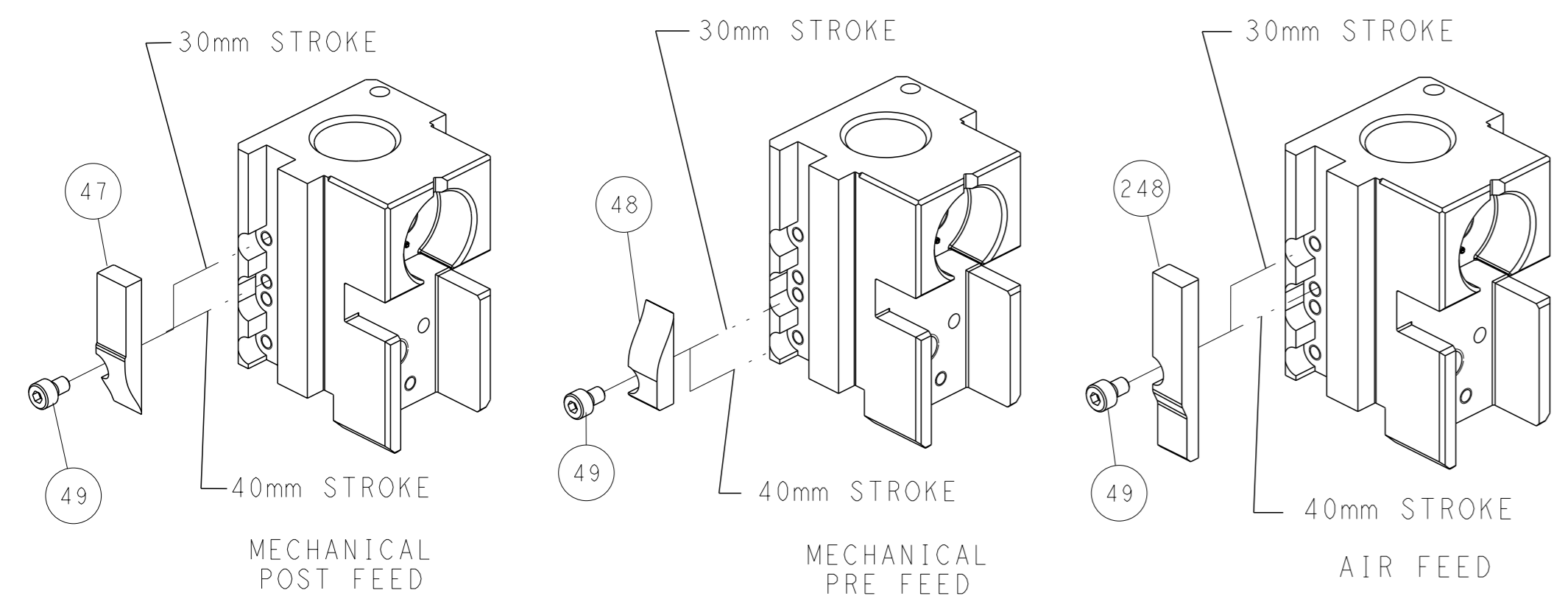


RAM SET-UP



FEED TRACK POSITION GUIDE BY WIRE BARREL

CAM POSITIONS

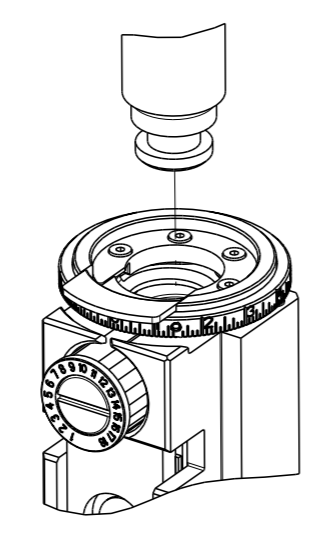


ATLANTIC VERSION
 Shown on sheets 1 of 4 & 2 of 4
 (Pacific version shown on sheets 3 of 4 & 4 of 4)

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		OWN: G. HOFFNER 18DEC2012 CHK: T. ELBIN 19DEC2012 APVD: T. ELBIN 19DEC2012 PRODUCT SPEC APPLICATION SPEC WEIGHT: - MATERIAL: -		NAME: Ocean Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2151850 SCALE: 1:2 SHEET: 2 of 4 REV: C	
CUSTOMER ACCESSIBLE PRODUCTION DRAWING				RESTRICTED TO: -			

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151850-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151850-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151850-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
 INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.68 mm [.145]	F
INSUL	4.37 mm [.172]	F

APPLICATOR INSTRUCTIONS
 408-35042

TERMINAL DATA: DELPHI TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: TERM F M/P 630 P2S			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.60-4.60 mm [.181-.181 IN]		∅3.40-3.70 mm [.134-.146 IN]	
TERMINAL APPLICATION SPECIFICATION	DELPHI		
TERMINALS APPLIED			
TE TERMINAL	DELPHI TERMINAL	TE TERMINAL	DELPHI TERMINAL
1572843-1	12176854-1		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
4.00mm2	2.55+/-0.05 [.100+/-0.002]	6.6
3.00mm2	2.30+/-0.05 [.091+/-0.002]	8.9

- 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.
- 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	LY#	DESCRIPTION	DATE	OWN	APVD
A	66	-	-	SEE SHEET 1	-	-	-

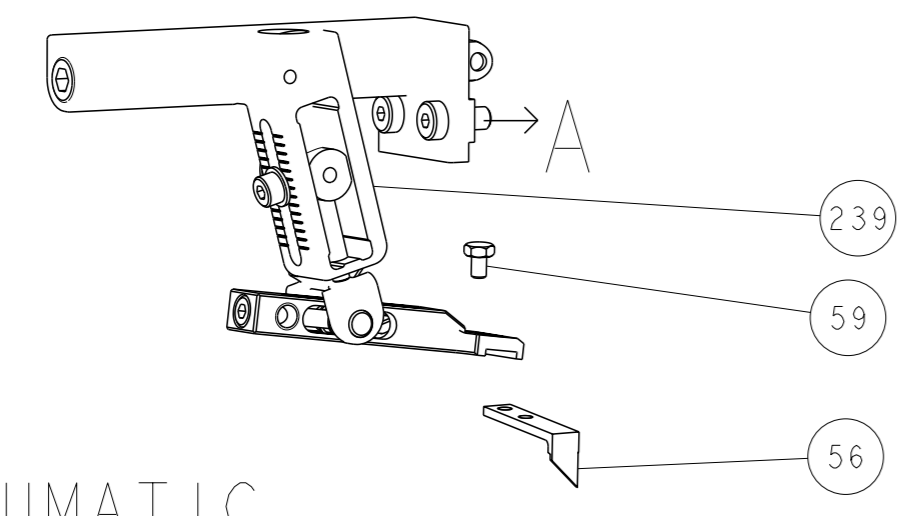
-	1	1	1803078-3	SPACER, PRECISION	259
-	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2844940-1	AIR FEED MODULE	238
-	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	1803516-2	RAM ASSEMBLY, SF PACIFIC	140
-	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	318563-1	GUARD, FRONT CHIP	89
-	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	455888-3	SPACER, CRIMPER	81
-	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	2119791-5	DEPRESSOR, WIRE	70
-	1	1	2119943-1	WASHER, SPACER	69
-	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	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	1803602-2	SCR, BHSC, RoHS (M8 X 40)	41
-	1	1	1752356-1	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	3-2844962-2	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1-455888-0	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	2119533-3	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	3-1633927-0	ANVIL, COMBINATION	8
-	-	-	-	-	7
-	-	-	-	-	6
-	1	1	2119757-9	DEPRESSOR, SHEAR	5
-	1	1	238011-4	BLOCK, CRIMPER SPACER	4
-	1	1	6-2119582-5	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1-455888-1	SPACER, CRIMPER	2
-	1	1	2-1633609-4	CRIMPER, WIRE	1
-	77	-22	-21	PART NO	ITEM NO

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

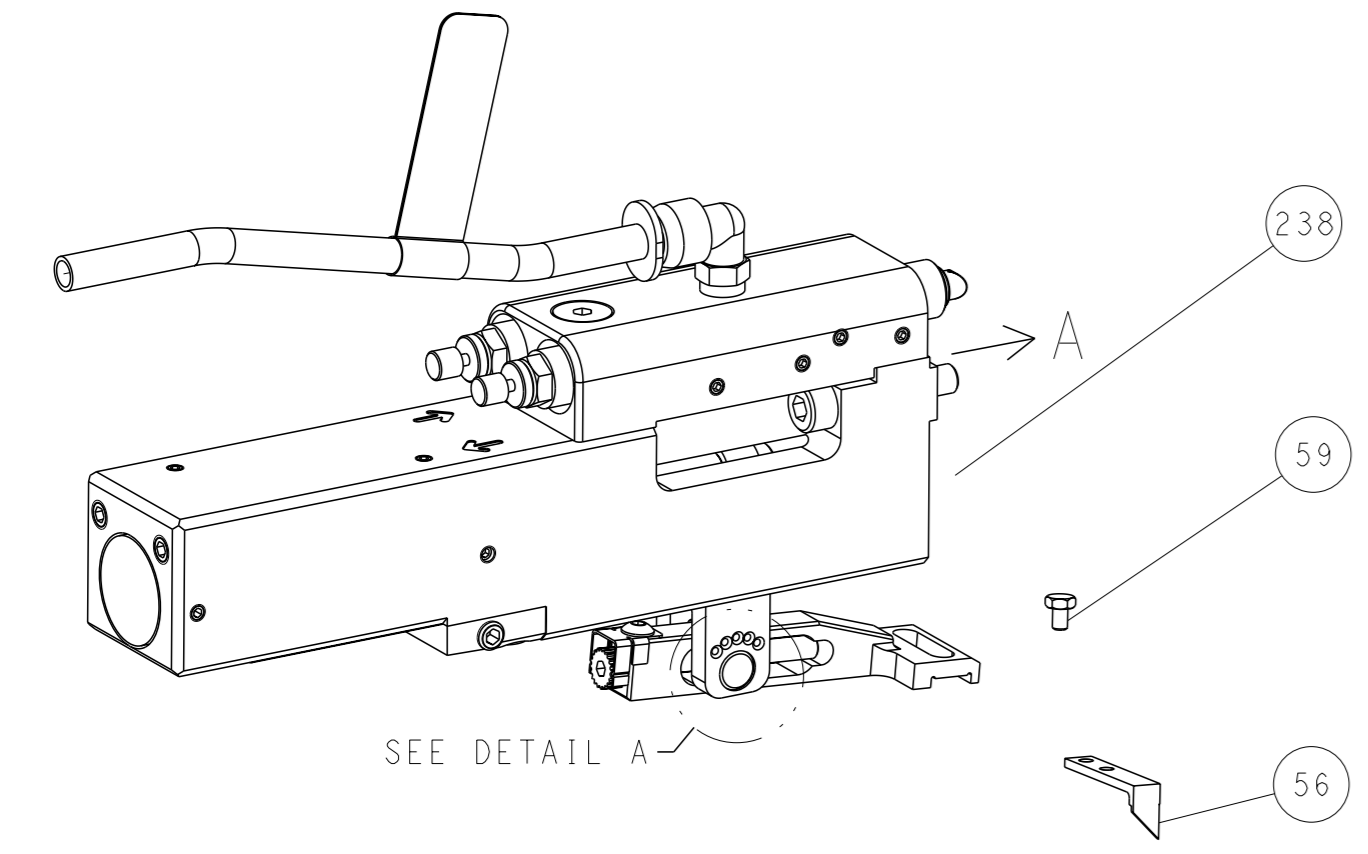
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MATERIAL:		APPLICATION SPEC:		SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2151850		RESTRICTED TO:	
Customer Accessible Production Drawing				SCALE: 1:2		SHEET 3 OF 4	

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

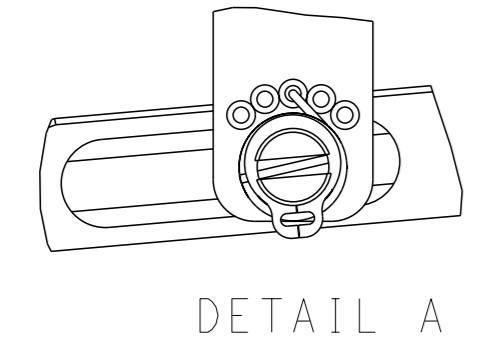
FEED TYPE MECHANICAL



PNEUMATIC

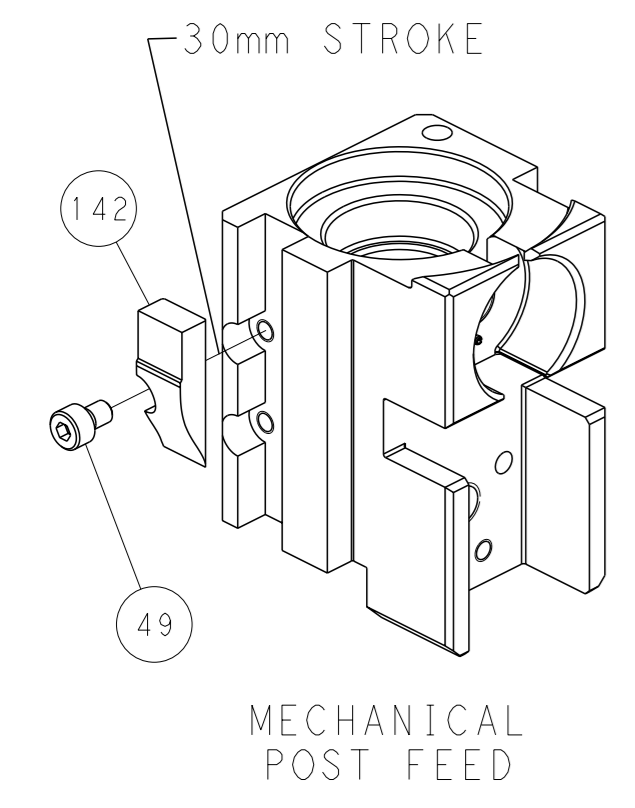


FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)

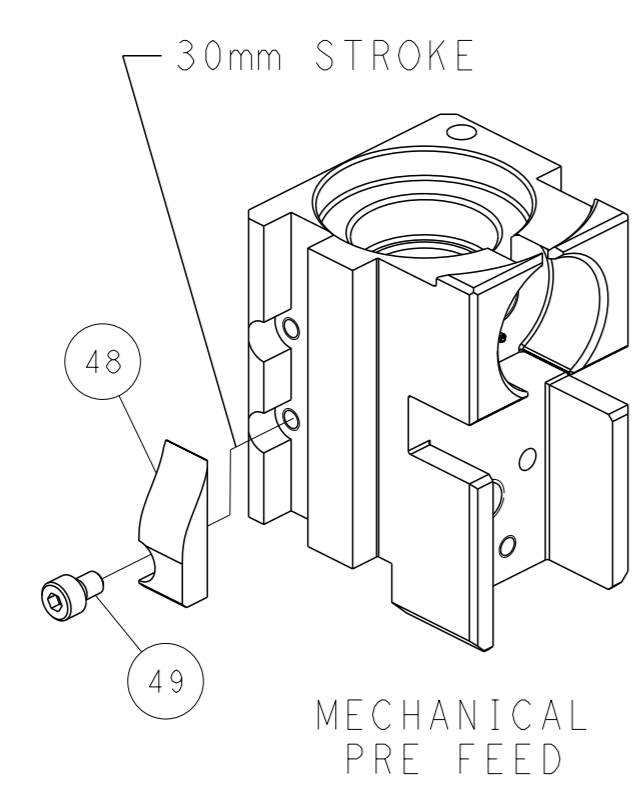


DETAIL A

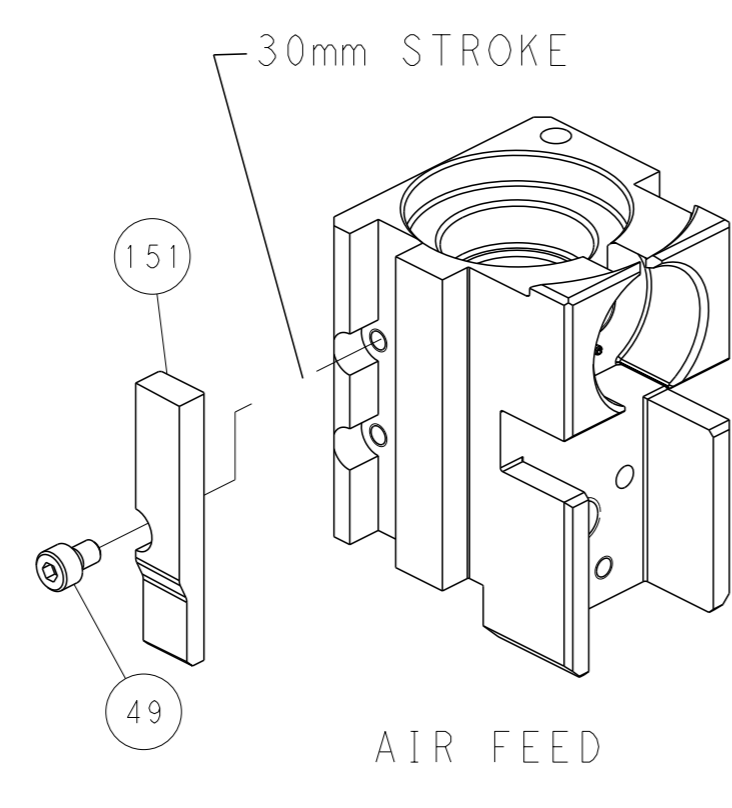
CAM POSITIONS



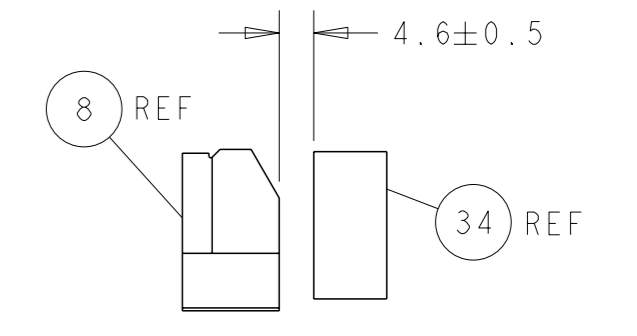
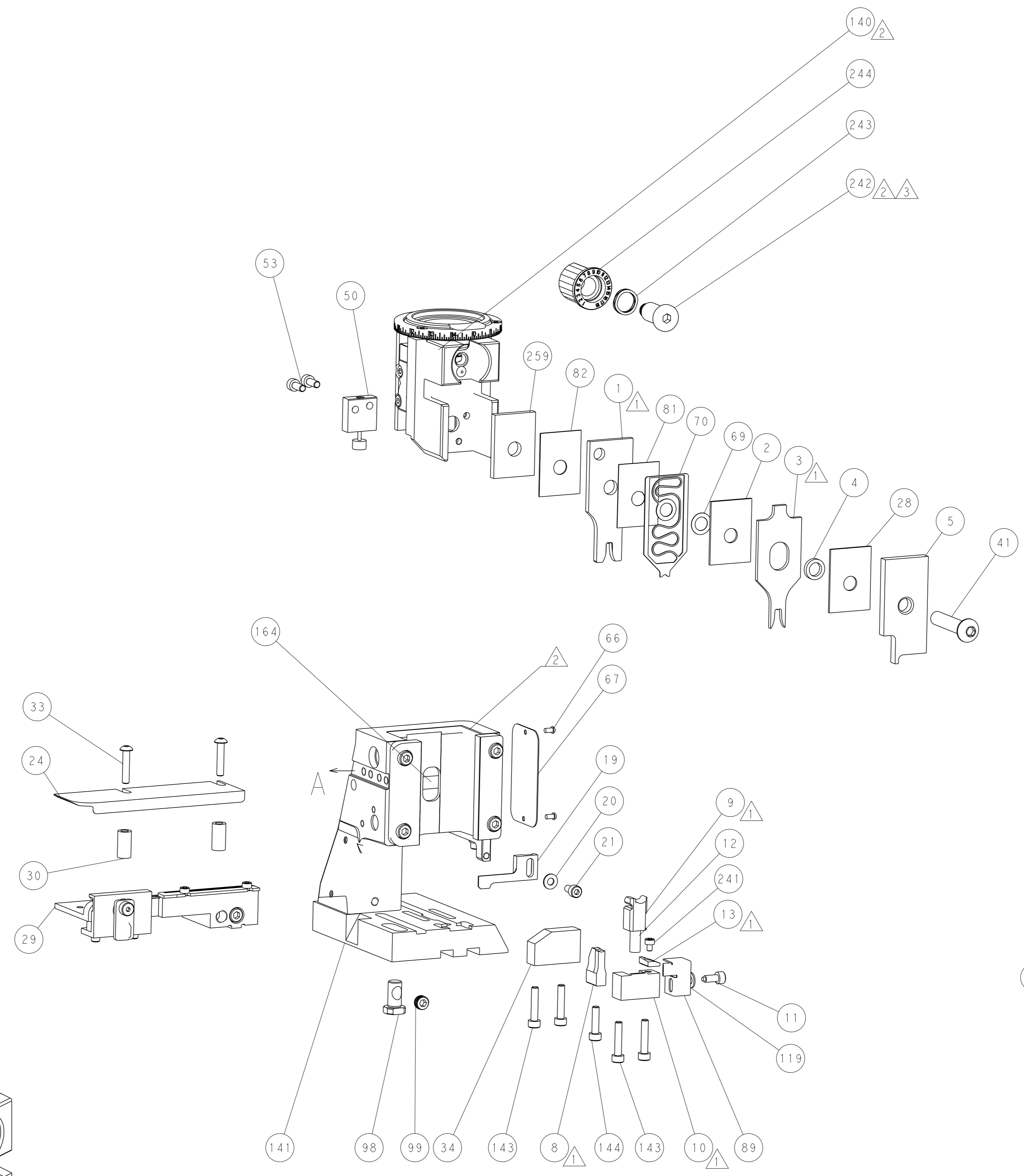
MECHANICAL
POST FEED



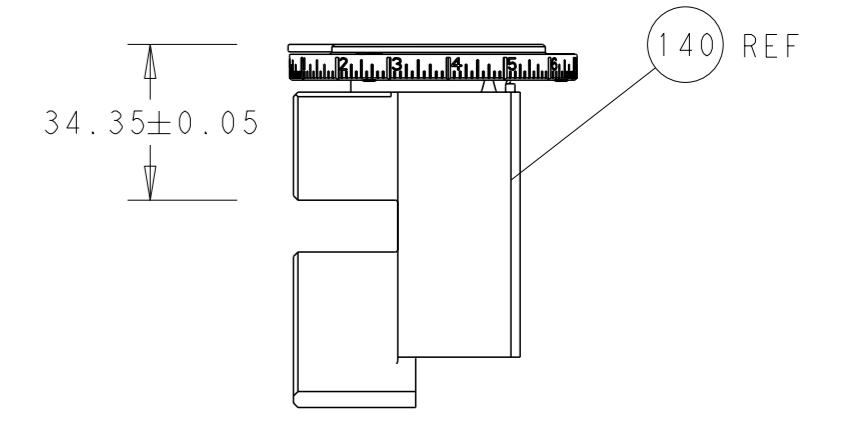
MECHANICAL
PRE FEED



AIR FEED

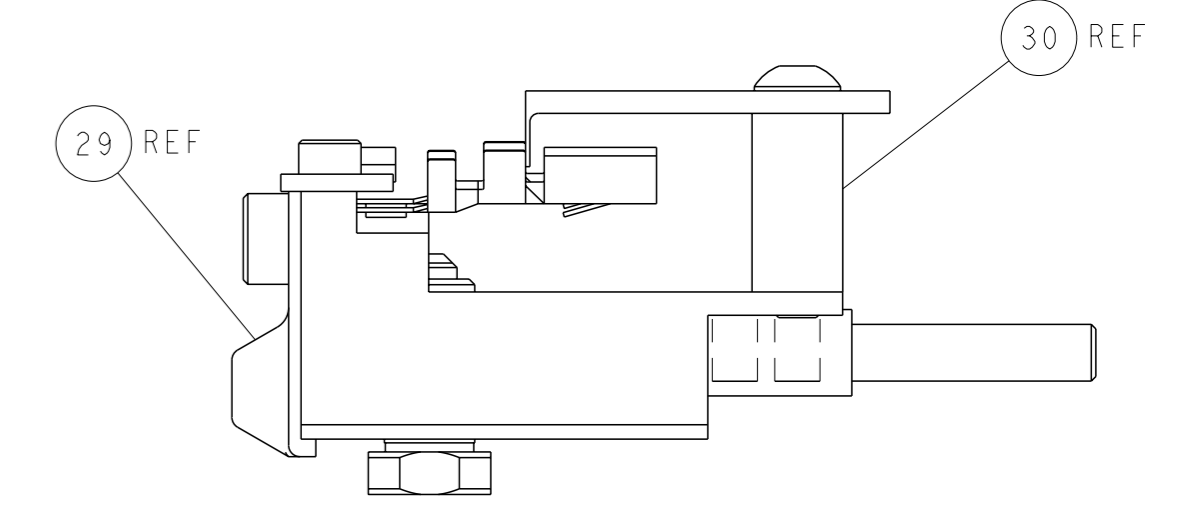


TERMINAL SUPPORT LOCATION



RAM SET-UP

ITEM 30 LOCATED AT
REAR HOLES



FEED TRACK POSITION
GUIDE BY WIRE BARREL

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 CONTROLLER ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		OWN: G. HOFFNER CHK: T. ELBIN APVD: T. ELBIN PRODUCT SPEC: - APPLICATION SPEC: - MATERIAL: - FINISH: -	18DEC2012 19DEC2012 19DEC2012 NAME: Ocean Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2151850 SCALE: 1:2 SHEET: 4 of 4 REV: C	TE Connectivity Harrisburg, PA 17105-3608
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