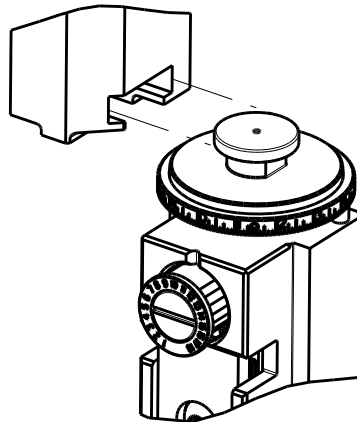
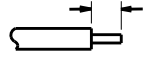
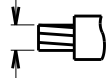


8		7	
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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION
	2150155-1	D	FINE CRIMP HEIGHT ADJUST
	2150155-2	D	FINE CRIMP HEIGHT ADJUST
	2150155-5	D	FINE CRIMP HEIGHT ADJUST
	2150155-6	D	NON-CRIMP HEIGHT ADJUST
	2150155-7	D	FINE CRIMP HEIGHT ADJUST
	7-2150155-7	D	CRIMP TOOLING KIT

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	2.79 mm [.110]	OV
APPL INSTRUCTIONS 408-10390		

TERMINAL DATA: TE TERMINAL				TE CRIMP SPECIFICATION
TERMINAL NAME: .250 SRS FASTIN-ON REC				
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE	
5.80-6.40 mm [.228-.252 IN]			Ø1.40-2.29 mm [.055-.090 IN]	
TERMINAL APPLICATION SPECIFICATION	114-2025	-	-	-
TERMINALS APPLIED ³				
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL	
160928-1	160928-2	160928-3	160928-4	

WIRE SIZE			CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING ⁹
1.00mm2			1.36+/-0.05 [.054+/- .002]		6.0
0.75mm2			1.27+/-0.05 [.050+/- .002]		6.9
0.50mm2			1.18+/-0.05 [.046+/- .002]		7.9



- ¹ RECOMMENDED SPARE PARTS
- ² GREASE BEARING SURFACES LIGHTLY
3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- ⁴ APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150155-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150155-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150155-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2150155-6
5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.
- ⁶ APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50 & 62. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242. FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 37.
- ⁷ GREASE THREADS, GROOVE AND O-RING ON ITEMS 35 & 252.
- ⁸ MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
- ⁹ 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.
- ¹⁰ SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- ¹¹ THE RECOMMENDED SET-UP FOR END FEED APPLICATORS IS POST-FEED WITH ITEM 2119653-1. THE APPLICATOR CAN BE CONFIGURED FOR PRE-FEED WITH ITEM 2119652-1 BUT MAY ENCOUNTER PROBLEMS WITH SOME APPLICATIONS. FEED ISSUES OR TERMINAL JAMMING MAY OCCUR IN THE PRE-FEED CONFIGURATION.
- ¹² WHEN ASSEMBLING -6 NON-CRIMP HEIGHT ADJUST APPLICATOR USE SHIM PACK 2119957-2 TO ALIGN APPLICATOR'S MAXIMUM WIRE CRIMP HEIGHT AT NORMAL TERMINATOR SHUT HEIGHT
- ¹³ TERMINAL LUBRICANT IS RECOMMENDED.

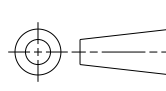
*WARNING
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

¹²	-	-	1	-	-	-	2119957-2	APPLICATOR SHIM PACK	260
¹³	-	1	-	1	1	1	8-21084-0	O-RING, .676 ID, .070 DIA. MAT.	252
	-	-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	-	-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
	-	-	-	-	1	-	2119641-1	FEED CAM, AIR FEED	248
	-	1	-	1	1	1	2119798-1	DETENT PIN	247
	-	1	-	1	1	1	1-22279-3	SPRING, COMPRESSION	246
	-	-	1	-	-	-	2119759-1	RAM, AMP STYLE, END FEED, NON-ADJUST	245
	-77	-7	-6	-5	-2	-1	PART NO	DESCRIPTION	ITEM NO

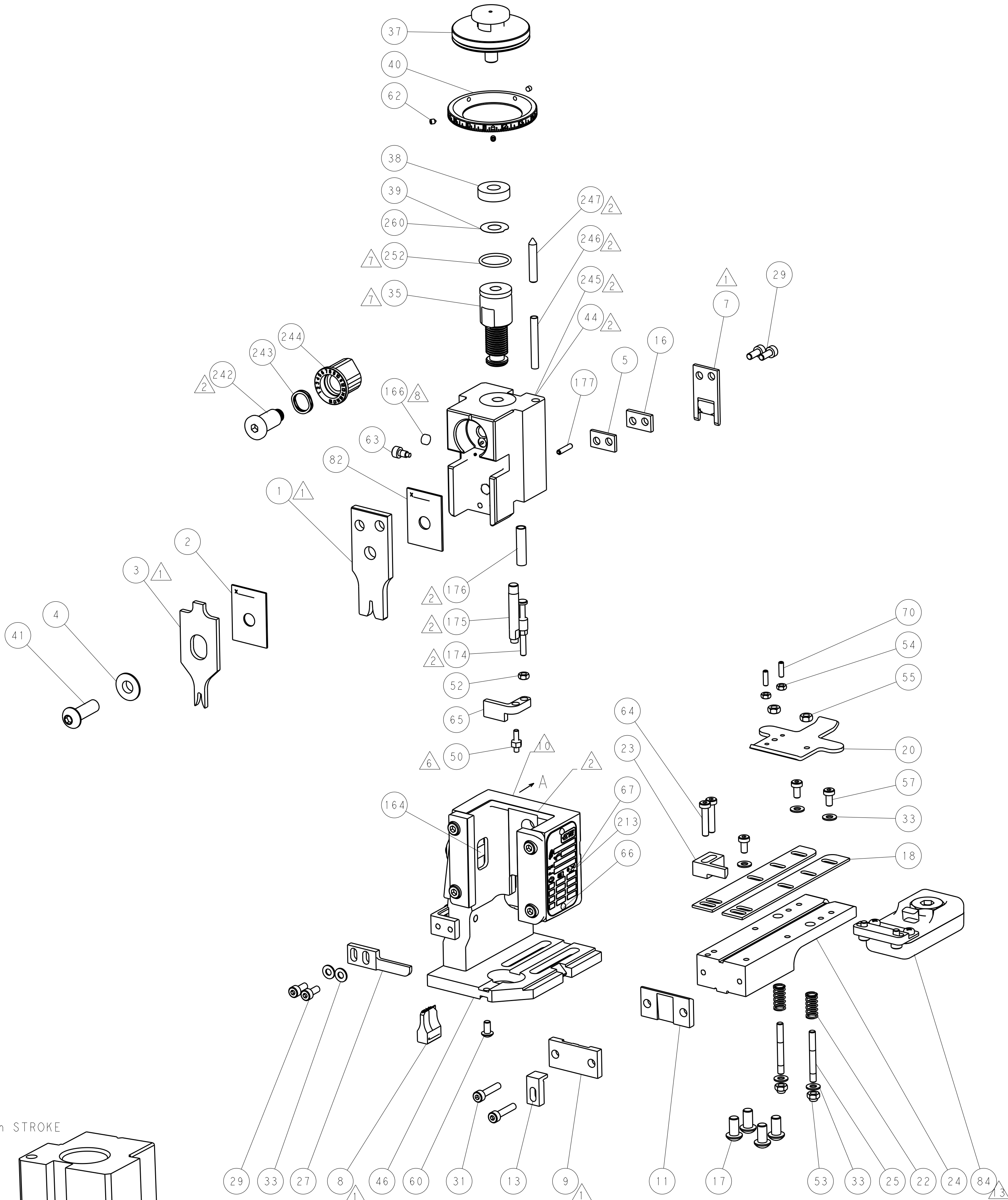
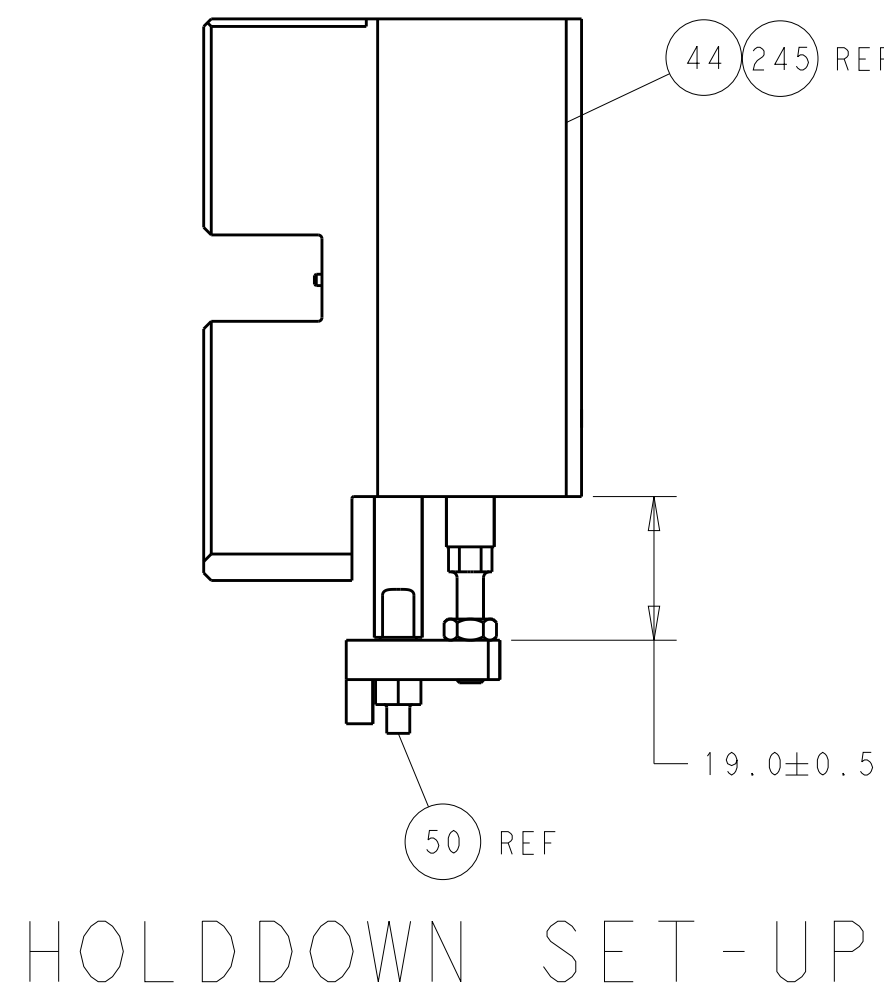
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

SET UP GAUGE 2119599-2	LOC A	DIST 66	REVISIONS			
			P	LTR	DESCRIPTION	DATE
				C	ECR-16-009855	07JUL2016
				D	ECR-16-012334	29AUG2016

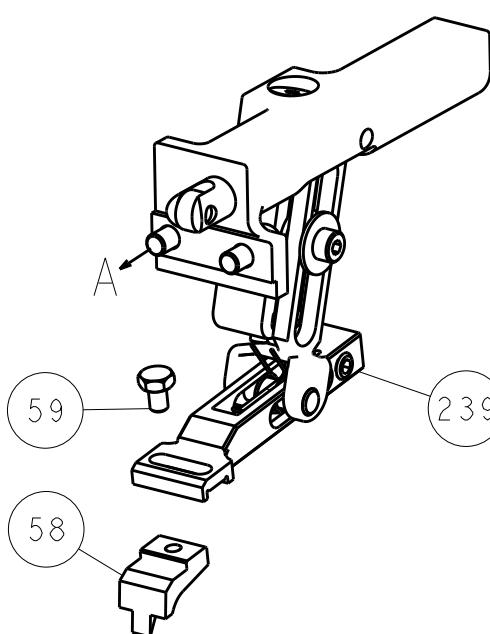
-	1	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	2	2	-	-	2168400-7	SHCS, LOW HEAD, RoHS, M5 X 10	240
-	-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	-	-	-	1	-	2063440-1	AIR FEED MODULE	238
-	-	1	1	-	-	2119740-2	TAG,IDENTIFICATION	213
-	-	REFREF	-	-	-	1901697-1	FEED FINGER ASSEMBLY,EF	183
-	1	1	1	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177
-	1	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REFREFREFREFREF	-	-	-	-	994970-2	COUNTER, MAGNETIC	164
-	-	-	-	1	-	240638-1	SPRING, FEED FINGER	163
-	-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	REFREF	-	-	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	1	-	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	1	1	2119955-2	ASSY, LUBRICATOR, END FEED	84
-	1	1	1	1	1	1-455888-0	SPACER, CRIMPER	82
-	1	1	1	1	1	2119956-2	DOCUMENTATION PACKAGE	71
-	2	2	2	2	2	2-18032-2	SCR, SET, FLT POINT M3 X 10.0	70
-	1	-	-	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1	1	1901681-5	HOLDDOWN, TERMINAL	65
-	2	2	2	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64
-	1	-	1	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT	63
-	3	-	3	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62
-	1	1	1	1	1	2079383-4	SCR, BHSC, RoHS (M4 X 8)	60
-	-	-	-	-	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	-	-	-	1	2063961-1	FEED FINGER	58
-	3	3	3	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2	2	2	5018030-2	NUT, HEX, REG, RoHS, M4	55
-	2	2	2	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	2	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	-	-	-	1	-	2119792-2	PAWL, EF, AIR	51
-	1	1	1	1	1	1-1976055-3	STANDOFF, HOLD-DOWN	50
-	-	-	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	-	-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	-	-	-	-	1	2119653-1	FEED CAM, POST FEED	47
-	1	1	1	1	1	2119655-5	APPLICATOR BASIC ASSEMBLY, EF	46
-	1	-	1	1	1	2119369-1	RAM,AMP STYLE, END FEED	44
-	1	1	1	1	1	2079383-7	SCR, BHSC, RoHS (M8 X 25)	41
-	1	-	1	1	1	2119645-1	DISC, NUMBERED FA WIRE ADJUSTMENT	40
-	1	-	1	1	1	2119957-1	APPLICATOR SHIM PACK	39
-	1	1	1	1	1	2119644-1	RAM WASHER, PRECISION	38
-	1	1	1	1	1	2119085-1	FA HEAD, ATLANTIC STYLE	37
-	1	-	1	1	1	2119092-1	BOLT, ADJUSTMENT	35
-	7	7	7	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	4	4	4	4	4	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	29
-	1	1	1	1	1	240639-1	STRIPPER (MACHINING)	27
-	2	2	2	2	2	1320906-1	STUD, THREADED	25
-	1	1	1	1	1	1752371-3	PLATE, STRIP GUIDE	24
-	1	1	1	1	1	240825-1	PLATE, STRIP HOLD DOWN	23
-	2	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1	1	1752373-1	DRAG	20
-	2	2	2	2	2	1901259-3	GUIDE, LOWER STRIP	18
-	4	4	4	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17
-	1	1	1	1	1	240641-2	SPACER	16
-	1	1	1	1	1	1752360-1	SPACER,HOLD-DOWN	13
-	1	1	1	1	1	240833-3	PLATE, REAR SHEAR	11
-	-	-	-	-	-	-	-	10
-	1	1	1	1	1	1-690482-0	PLATE, FRONT SHEAR	9
-	1	1	1	1	1	3-1333216-2	ANVIL, COMBINATION	8
-	1	1	1	1	1	1-2217206-3	BLADE, SLUG	7
-	1	1	1	1	1	3-240641-7	SPACER	5
-	1	1	1	1	1	238009-1	BLOCK, FL CRIMPER SPACER	4
-	1	1	1	1	1	1633963-1	CRIMPER, INSULATION OVERLAP PREMIUM	3
-	1	1	1	1	1	455888-8	SPACER, CRIMPER	2
-	1	1	1	1	1	456405-3	CRIMPER, WIRE PREMIUM	1
-77	-7	-6	-5	-2	-1	PART NO	DESCRIPTION	ITEM NO

THIS IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LATEST REVISIONS. ANY CHANGES TO THIS DRAWING SHALL BE CONTACTED FOR THE LATEST REVISION.		DWN L. ZHANG	22FEB2012	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK L. ZHANG	22FEB2012	NAME Ocean End Feed Applicator	
		APVD S. XI	22FEB2012	PRODUCT SPEC	
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1		APPLICATION SPEC	
				MATERIAL	
				FINISH	
MATERIAL		FINISH		WEIGHT	-
-		-		Customer Accessible Production Drawing	SCALE 1:1 SHEET 1 OF 4 REV D

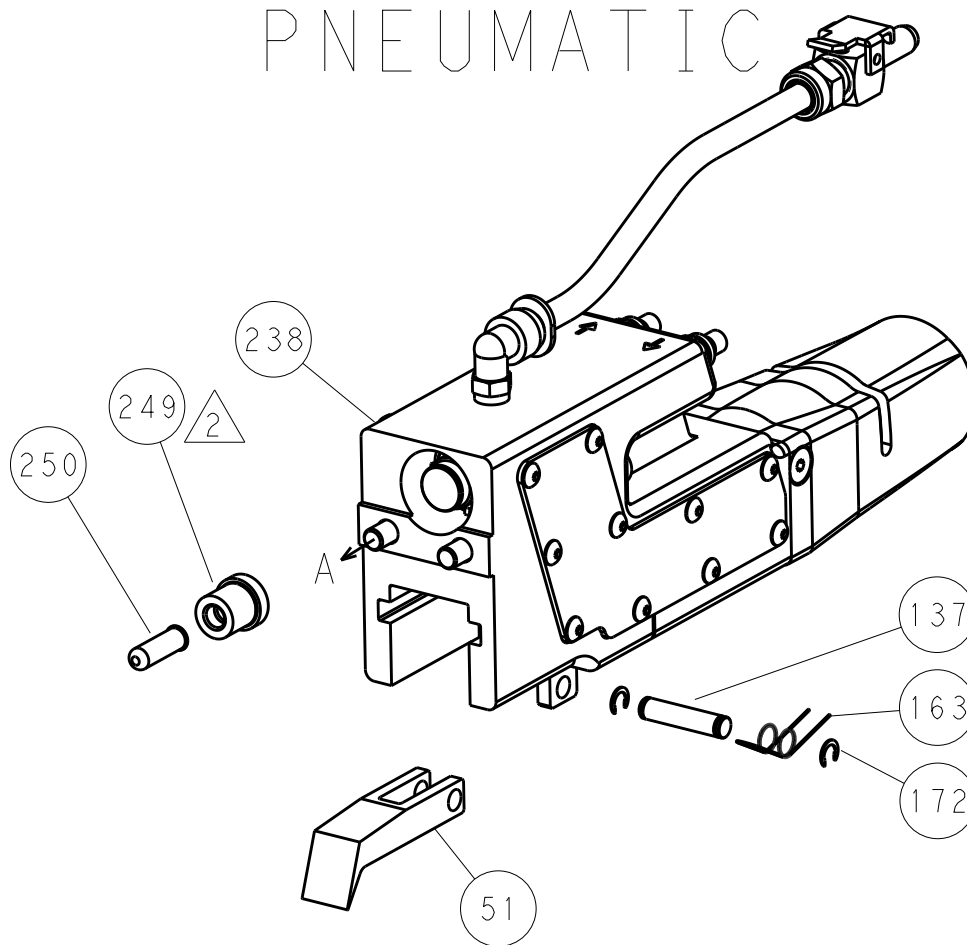
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A	66	P	LTR	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1	-	-	-



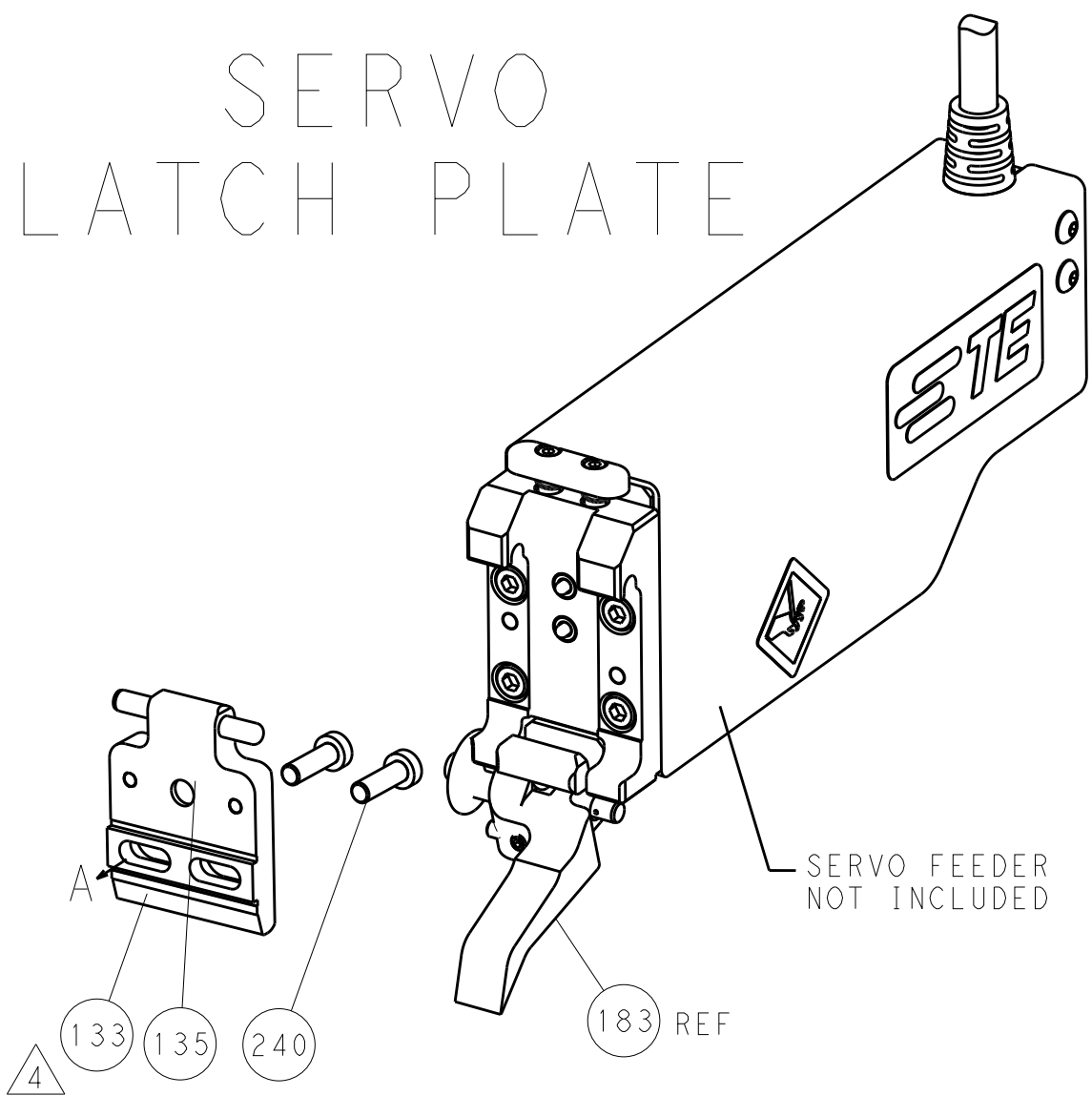
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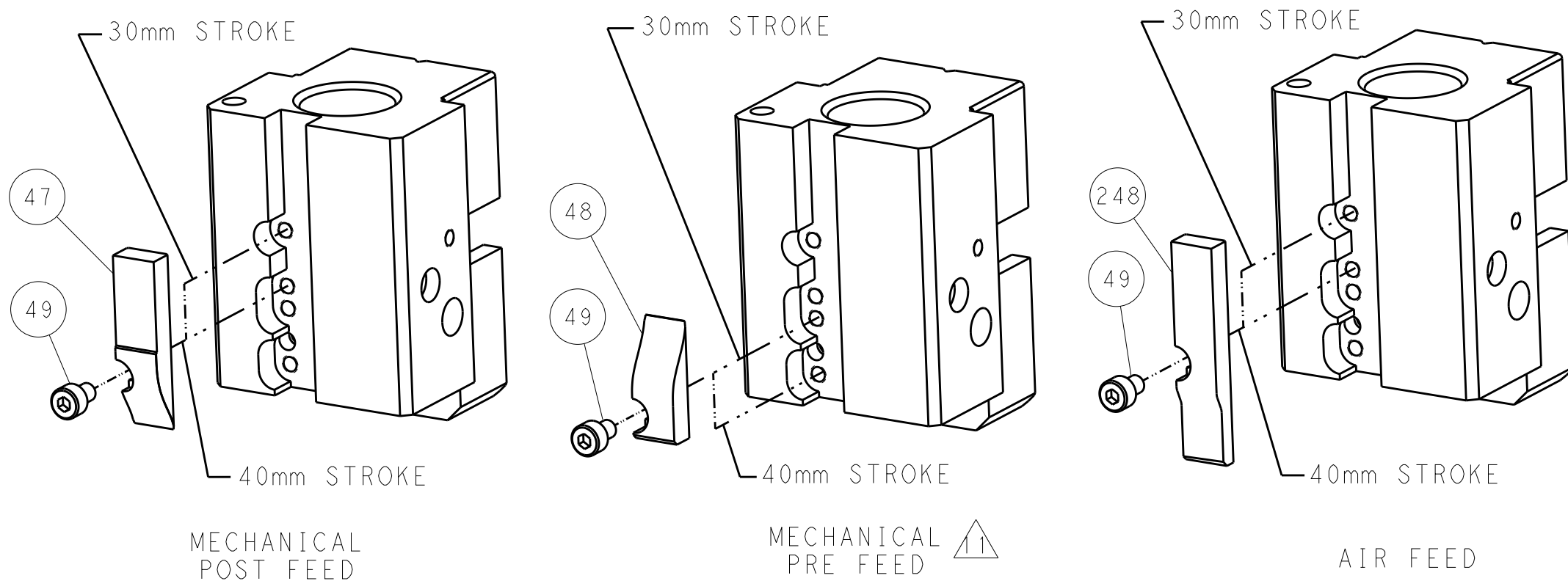
PNEUMATIC



SERVO
LATCH PLATE

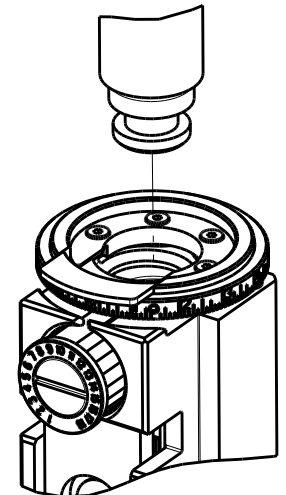


CAM POSITIONS

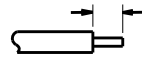


ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

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DIMENSIONS:				CHK	L. ZHANG	Harrisburg, PA 17105-3608	
mm				APVD	L. ZHANG	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:				S. XI	22FEB2012	Ocean End Feed Applicator	
0 PLC				PRODUCT SPEC		SIZE	
1 PLC				APPLICATION SPEC		CAGE CODE	
2 PLC				WEIGHT		DRAWING NO	
3 PLC				Customer Accessible Production Drawing		RESTRICTED TO	
4 PLC				SCALE	1:1	SHEET 2 OF 4	
ANGLES				REV	D		
FINISH							

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART						
					CONVERT TO	PART NUMBERS REQUIRED					
	2-2150155-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	2119792-2	-	2119641-2	-	2063440-1
					SERVO LATCH PLATE	2119951-1	1901697-1	8-2150155-5	-	-	2168400-7 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2150155-4	-	-	-
	2-2150155-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	2063961-1	5-18022-5	2119653-2	-	-
					SERVO LATCH PLATE	2119951-1	1901697-1	8-2150155-5	-	-	2168400-7 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2150155-4	-	-	-
	2-2150155-5	D	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE ⁴	MECHANICAL FEED	2119949-1	2063961-1	5-18022-5	2119653-2	-	-
					PNEUMATIC FEED	2119950-1	2119792-2	-	2119641-2	-	2063440-1
	2-2150155-7	D	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-
	7-2150155-7	D	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	2.79 mm [.110]	OV
APPL INSTRUCTIONS 408-10390		

TERMINAL DATA: TE TERMINAL				TE CRIMP SPECIFICATION
TERMINAL NAME: .250 SRS FASTIN-ON REC				
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE	
5.80-6.40 mm [.228-.252 IN]			Ø1.40-2.29 mm [.055-.090 IN]	
TERMINAL APPLICATION SPECIFICATION		114-2025	-	-
		-	-	-
TERMINALS APPLIED ¹ ²				
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL	
160928-1	160928-2	160928-3	160928-4	

WIRE SIZE	 	CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING ⁹
1.00mm2		1.36+/-0.05 [.054+/- .002]		6.0
0.75mm2		1.27+/-0.05 [.050+/- .002]		6.9
0.50mm2		1.18+/-0.05 [.046+/- .002]		7.9



- ¹ RECOMMENDED SPARE PARTS
- ² GREASE BEARING SURFACES LIGHTLY
3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
- ⁴ APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150155-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150155-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150155-5
5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.
- ⁶ APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50 & 62.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- ⁸ MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
- ⁹ 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.
- ¹⁰ SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- ¹¹ THE RECOMMENDED SET-UP FOR END FEED APPLICATORS IS POST-FEED WITH ITEM 2119653-1. THE APPLICATOR CAN BE CONFIGURED FOR PRE-FEED WITH ITEM 2119652-1 BUT MAY ENCOUNTER PROBLEMS WITH SOME APPLICATIONS. FEED ISSUES OR TERMINAL JAMMING MAY OCCUR IN THE PRE-FEED CONFIGURATION.
- ¹² TERMINAL LUBRICANT IS RECOMMENDED.

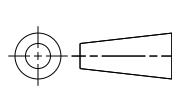
*WARNING
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

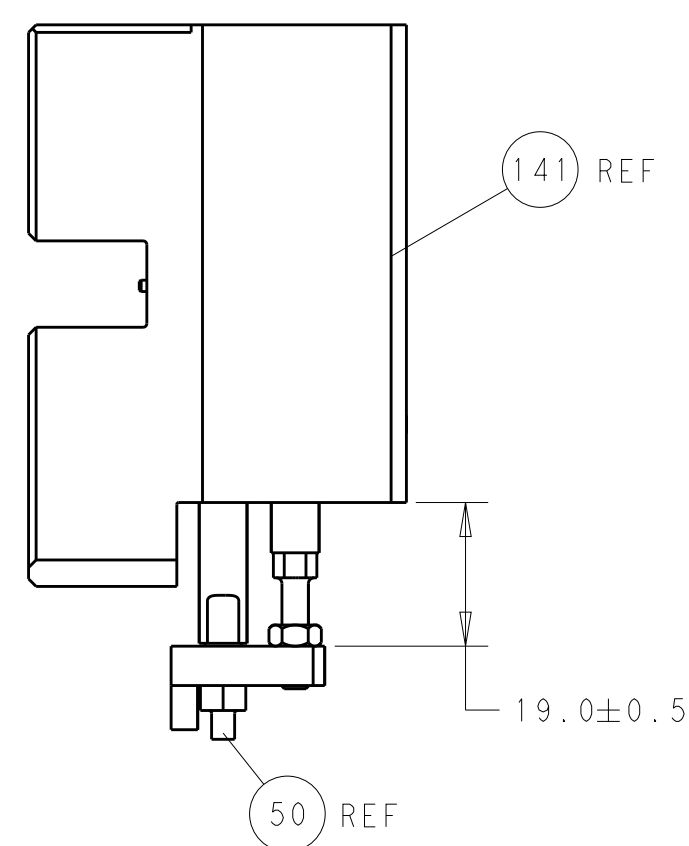
-	1	1	1	1	2119782-1	FINE ADJUST HEAD ASM, PACIFIC STYLE	251
-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	1	1	1	1	1-22279-3	SPRING, COMPRESSION	246
-	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-77-27-25-22-21					PART NO	DESCRIPTION	ITEM NO

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

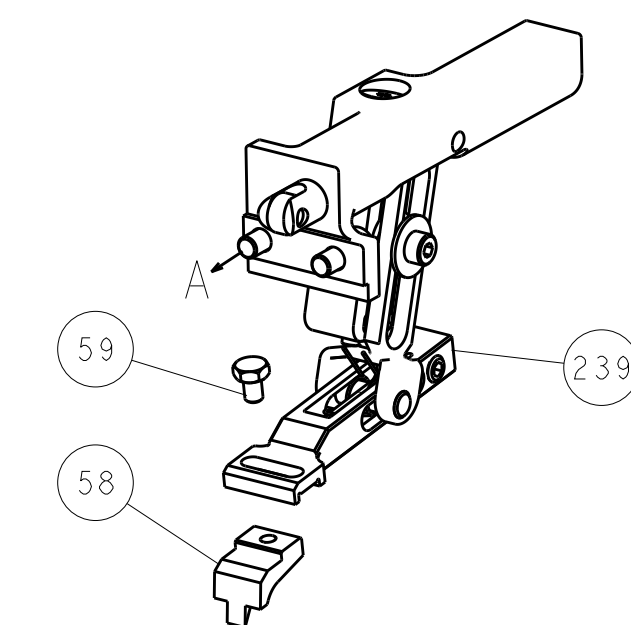
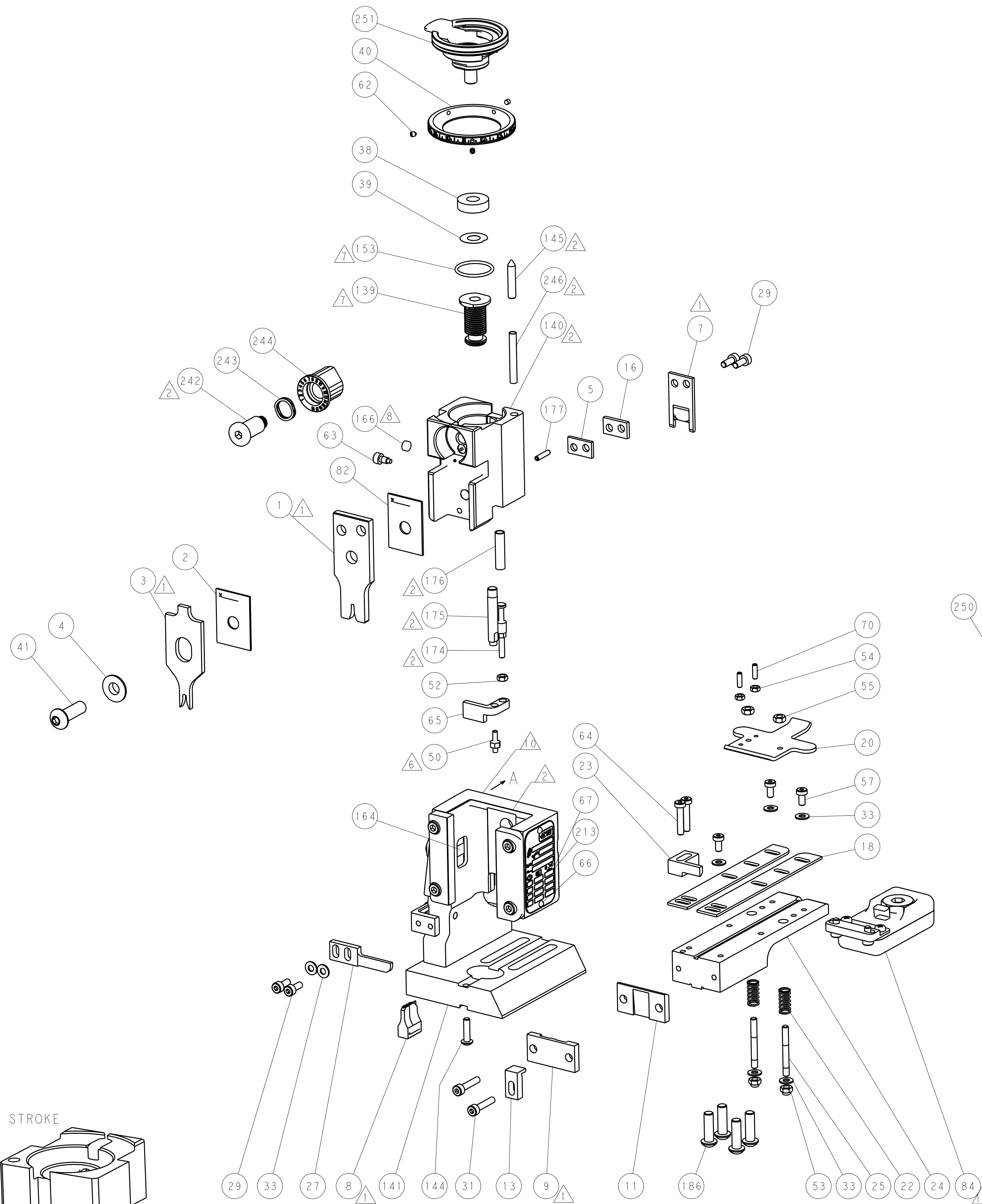
SET UP GAUGE 2119599-2	LOC A	DIST 66	REVISIONS						
			P	LTR	DESCRIPTION	DATE	DWN	APVD	
			-	-	SEE SHEET 1	-	-	-	

⁶	-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	-	2	-	-	2168400-7	SHCS, LOW HEAD, RoHS, M5 X 10	240
	-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
	-	-	-	1	-	2063440-1	AIR FEED MODULE	238
	-	-	1	-	-	2119740-2	TAG, IDENTIFICATION	213
	-	4	4	4	4	2079383-9	SCR, BHSC, RoHS (M6 X 20)	186
	-	-	REF	-	-	1901697-1	FEED FINGER ASSEMBLY, EF	183
	-	1	1	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	177
	-	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176
	-	1	1	1	1	1752353-2	GUIDE PIN, HOLDDOWN	175
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-77-27-25-22-21						PART NO	DESCRIPTION	ITEM NO

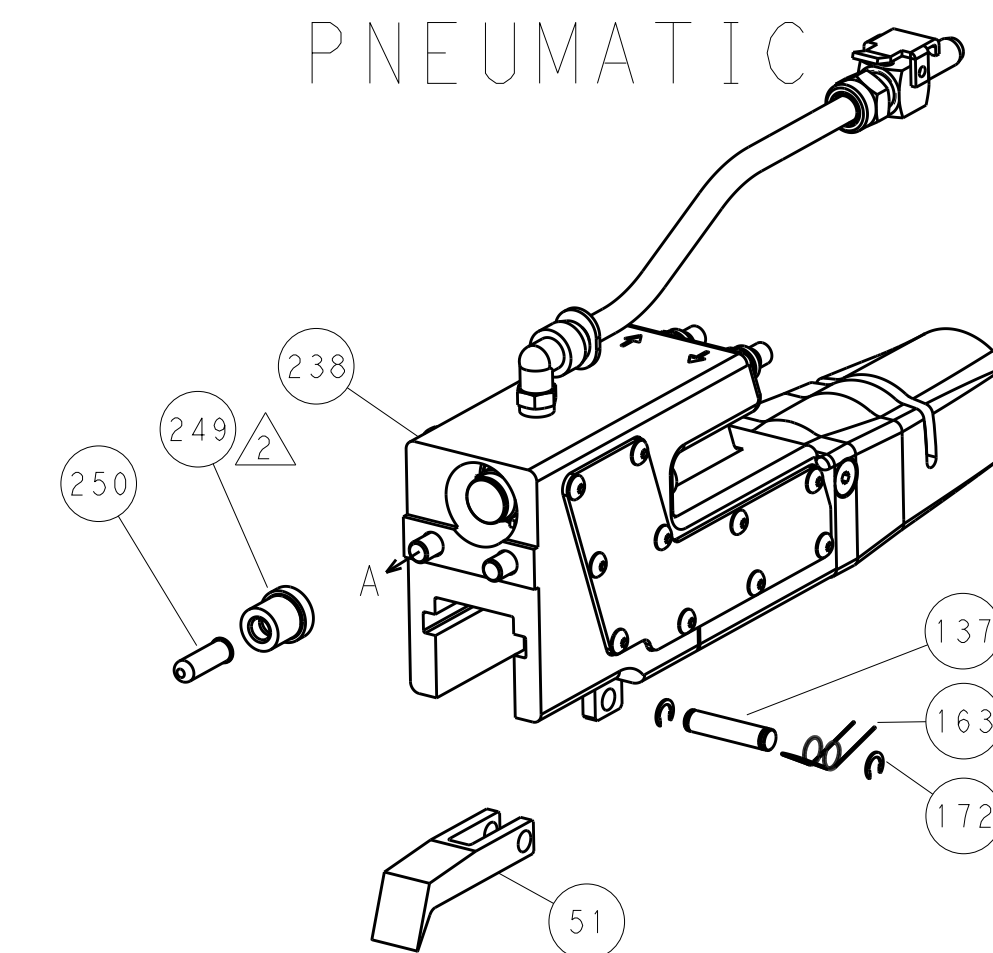
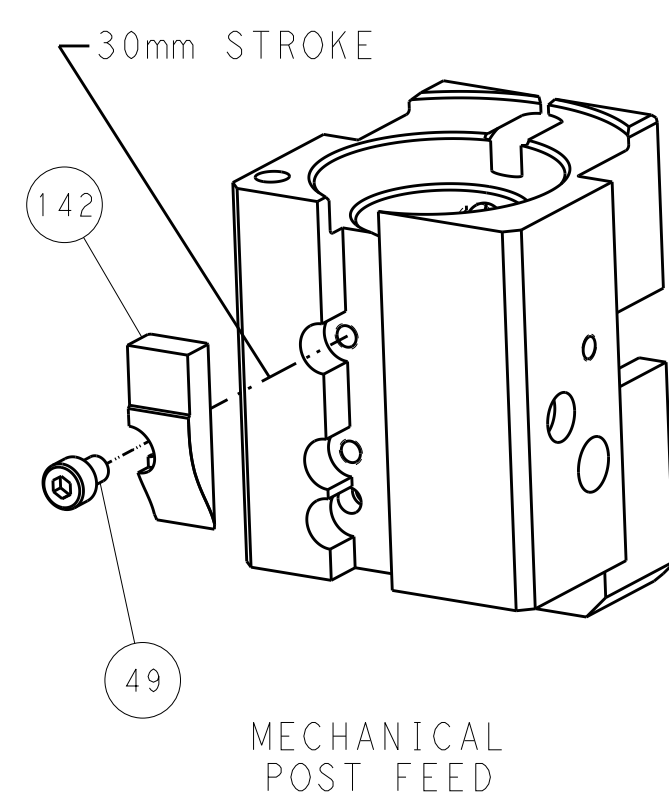
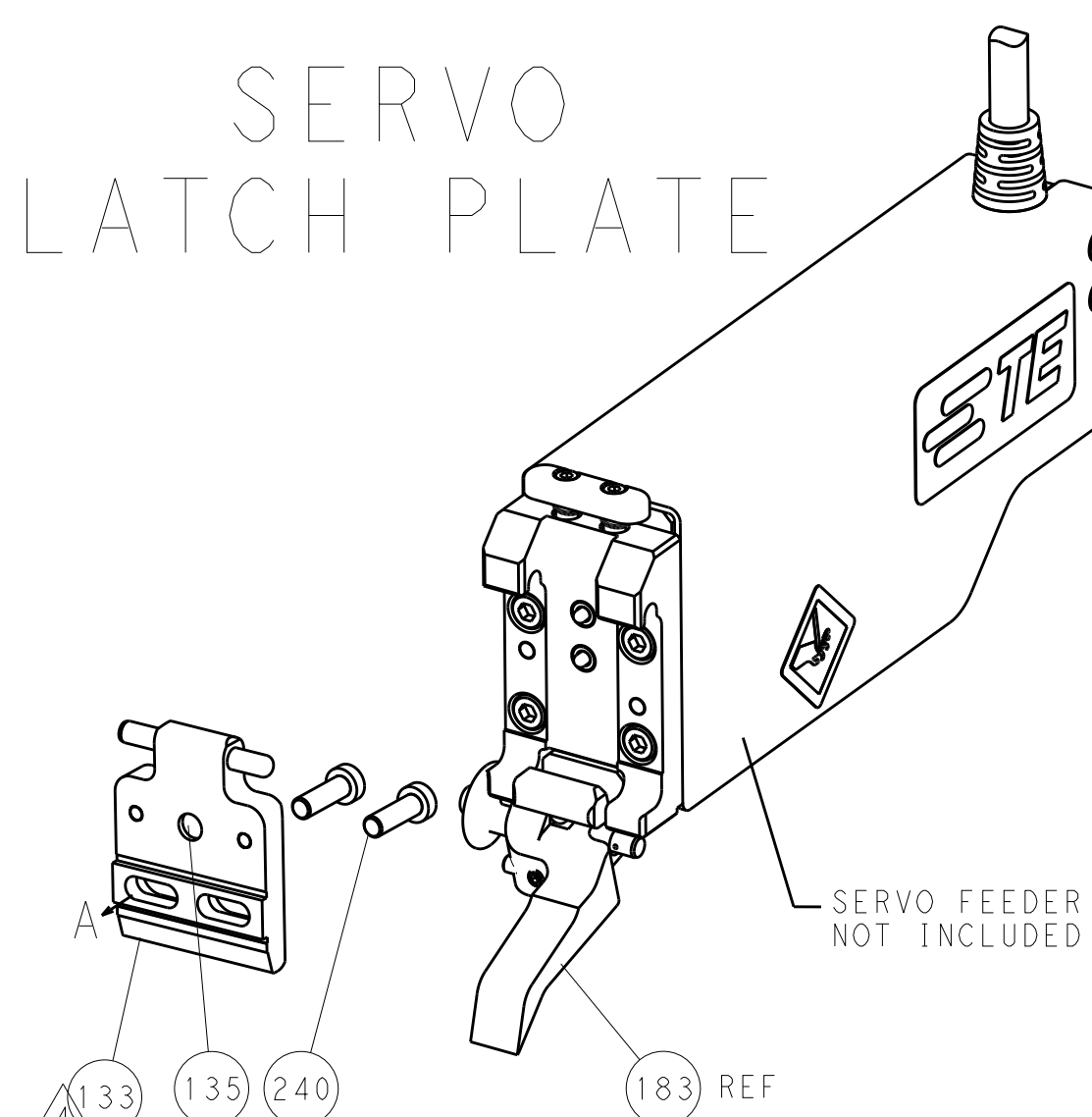
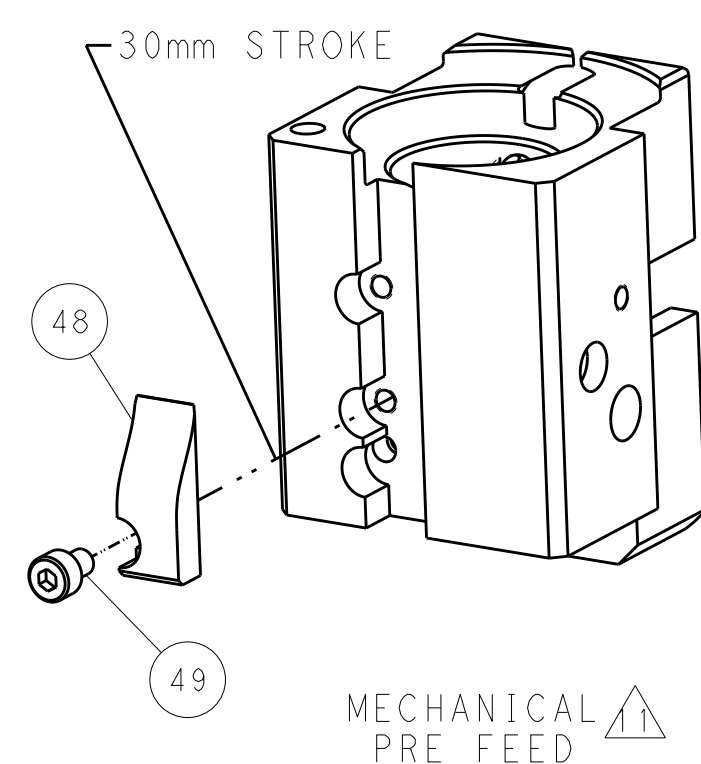
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DIMENSIONS: mm				CHK L. ZHANG	22FEB2012			
				APVD S. XI	22FEB2012	NAME Ocean End Feed Applicator		
				TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC		
MATERIAL -						APPLICATION SPEC		
						WEIGHT -		
						SIZE A1		
						CASE CODE 00779		
						DRAWING NO C=2150155		
						RESTRICTED TO -		
						Customer Accessible Production Drawing		
						SCALE 1:1		
						SHEET 3		
						OF 4		
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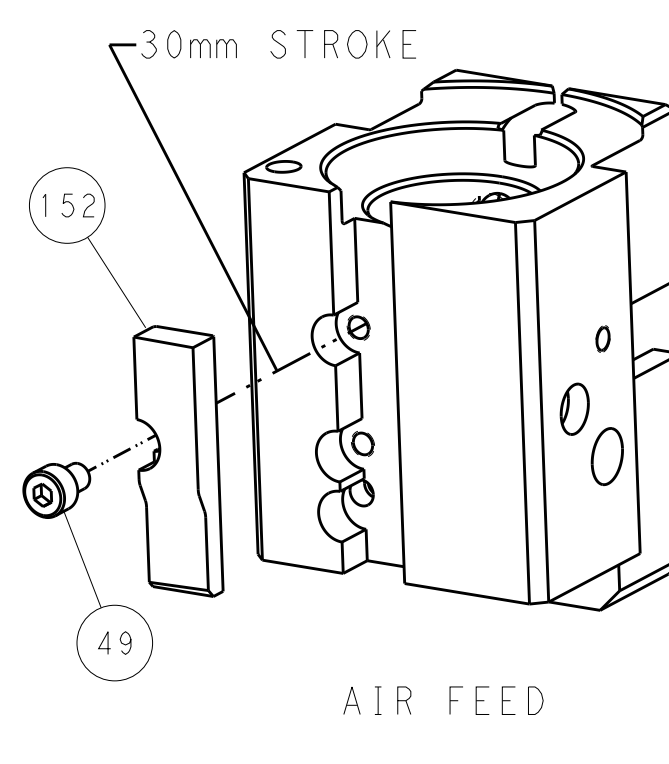
HOLDDOWN SET-UP



PNEUMATIC.

SERVO
LATCH PLATEMECHANICAL
POST FEED

MECHANICAL
PRE FEED



AIR FEED

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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DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME Ocean End Feed Applicator	
		PRODUCT SPEC -		SIZE CASE CODE DRAWING NO A1 00779 C-2150155	
MATERIAL -		FINISH -		RESTRICTED TO -	
WEIGHT -		CUSTOMER Accessible Production Drawing		SCALE 1:1 SHEET 4 OF 4 REV D	