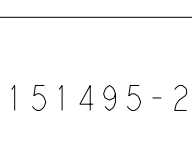


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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION
	2151495-1	A	FINE CRIMP HEIGHT ADJUST
	2151495-2	A	FINE CRIMP HEIGHT ADJUST
	2151495-5	A	FINE CRIMP HEIGHT ADJUST
	2151495-6	A	NON-CRIMP HEIGHT ADJUST
	2151495-7	A	FINE CRIMP HEIGHT ADJUST
	7-2151495-7	A	CRIMP TOOLING KIT

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.56 mm [.140]	F
INSUL	0.00 mm [.000]	-

APPLICATOR INSTRUCTIONS 408-10389	
--------------------------------------	---

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: UNIVERSAL MATE-N-LOCK PIN AND SOCKET			
WIRE STRIP LENGTH 6.38-7.14 mm [.251-.281 IN]		INSULATION DIAMETER RANGE Ø0.00-5.08 mm [.000-.200 IN]	
TERMINAL APPLICATION SPECIFICATION 114-1010			
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
350923-3	770004-4	350922-3	770003-4
350923-4	1-770004-0	350922-6	770003-8
350923-6	1586065-1	770234-3	1-770003-0
770004-3	350922-1	770003-3	1586096-1
WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING	
10 AWG	2.41+/-0.05 [.095+/- .002]	6.2	
5.00mm2	2.31+/-0.05 [.091+/- .002]	7.4	
4.40mm2	2.13+/-0.05 [.084+/- .002]	9.5	
4.00mm2	2.03+/-0.05 [.080+/- .002]	10.7	
12 AWG	1.96+/-0.05 [.077+/- .002]	11.3	

- 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: 8-2151495-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151495-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151495-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151495-6
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.
- 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 TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON THE BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- 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

2			I			
SET UP GAUGE 2119599-1	LOC A	DIST 66	REVISIONS			
P	LTR	DESCRIPTION		DATE	OWN	APV
	I	ORIGINAL		12SEPT2011	GH	TE
	A	RELEASED		15FEB2012	GH	GB

-	-	1	-	-	-	2119957-2	APPLICATOR SHIM PACK	26
-	1	-	1	1	1	8-21084-0	-RING, .676 ID, .070 DIA. MAT.	25
-	-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	25
-	-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	24
-	-	-	-	1	-	2119641-1	FEED CAM, AIR FEED	24
-	1	-	1	1	1	2119798-1	DETENT PIN	24
-	1	-	1	1	1	1-22279-3	SPRING, COMPRESSION	24
-	-	1	-	-	-	2119758-1	RAM, AMP STYLE, SIDE FEED, NON-ADJ.	24
-	1	1	1	1	1	18023-1	SCR, SKT HD CAP M3 X 5.0	24
-	-	2	2	-	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	24
-	-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	23
-	-	-	-	1	-	2063440-1	AIR FEED MODULE	23
-	1	1	1	1	1	2119091-4	SHIM, LAMINATE	21
-	-	1	1	-	-	2119740-2	TAG, IDENTIFICATION	21
-	-	1	1	-	-	1901094-3	SPACER, FEEDER	19
-	1	1	1	1	1	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	17
-	1	1	1	1	1	8-22280-7	SPRING, COMPRESSION	17
-	1	1	1	1	1	1752353-2	GUIDE PIN, HOLDDOWN	17
-	1	1	1	1	1	1901680-2	GUIDE PIN, HOLDDOWN	17
-	-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	17
-	1	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	16
-	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	16
-	-	-	-	1	-	240638-1	SPRING, FEED FINGER	16
-	-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	13
-	-	-	-	1	-	2119799-1	HOLDER, FEED FINGER, AF	13
-	-	REF	REF	-	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	13
-	-	1	1	-	-	1633743-1	SERVO FEED LATCH ASM	13
-	1	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	11
-	-	REF	REF	-	-	2119944-1	FEED FINGER ASSEMBLY, SF	11
-	1	1	1	1	1	455888-7	SPACER, CRIMPER	82
-	1	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	1	-	-	1	1	2119740-1	TAG, IDENTIFICATION	67
-	2	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS	66
-	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	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	-	-	1	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	4	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	54
-	1	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51
-	1	1	1	1	1	1-1752354-9	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	2119656-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	-	1	1	1	2119370-1	RAM, AMP STYLE, SIDE 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	2119644-2	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
-	1	1	1	1	1	1-1752356-8	SUPPORT, TERMINAL	34
-	2	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	1	1	1	1	1	2161328-1	HEX HEAD, FLANGED, M5 x 8mm LONG	32

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DIMENSIONS:		CHG B. BAILEY 13SEPT2011		 NAME Ocean Side Feed Applicator -	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD B. BAILEY 13SEPT2011			
mm		PRODUCT SPEC			
		APPLICATION SPEC			
0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±°		SIZE		CAGE CODE	DRAWING NO.
MATERIAL		WEIGHT		RESTRICTED TO	
FINISH		A1		00779	C-2151495
CUSTOMER ACCESSIBLE PRODUCTION DRAWING				SCALE	SHEET 1 OF 4
				1:2	REV A

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

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

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2019

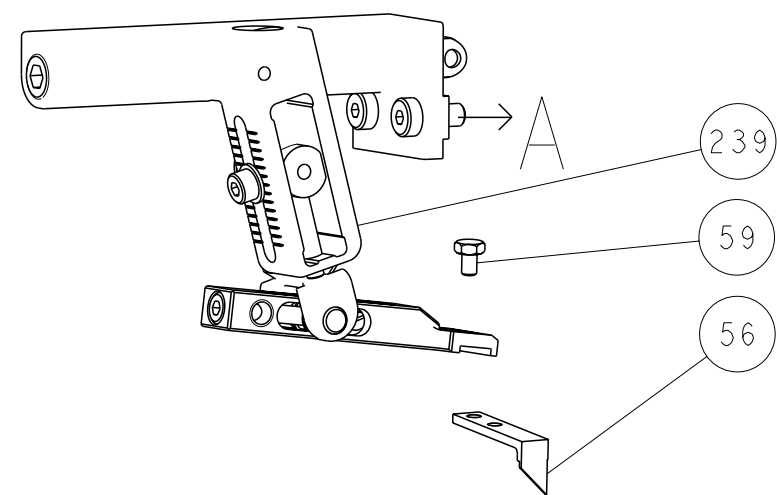
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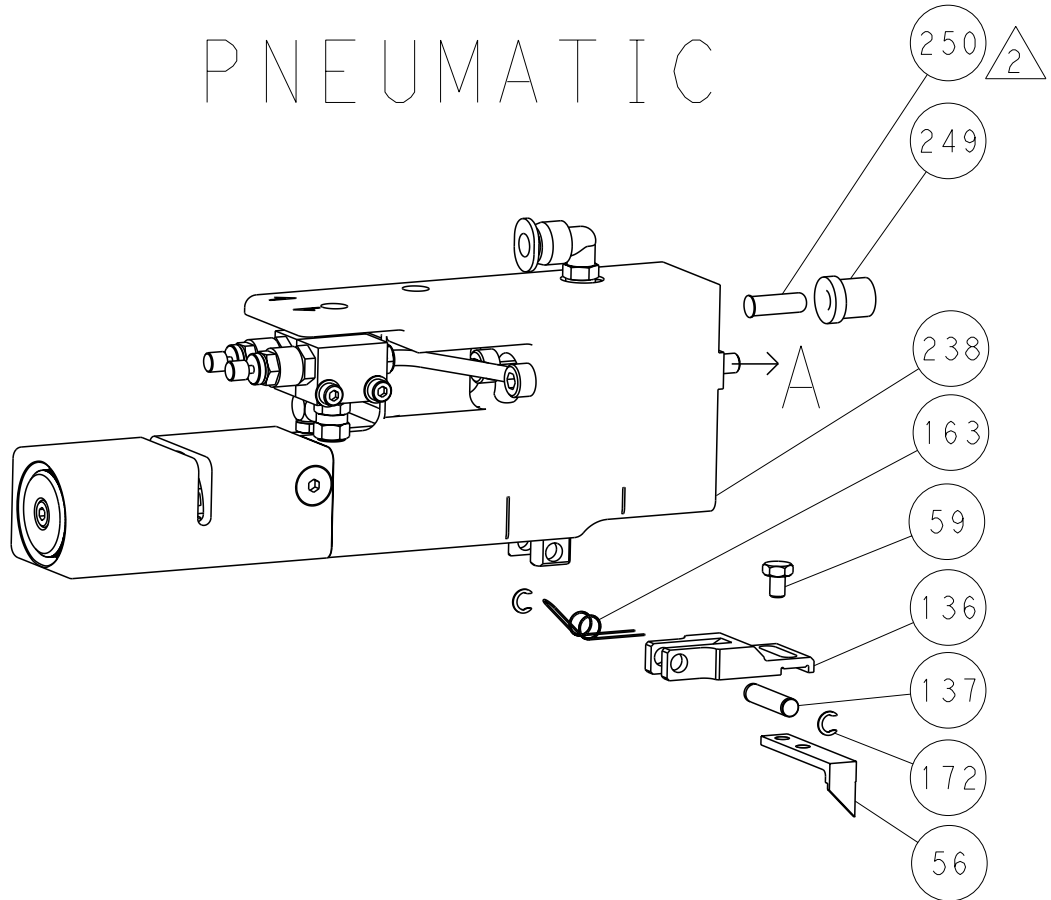
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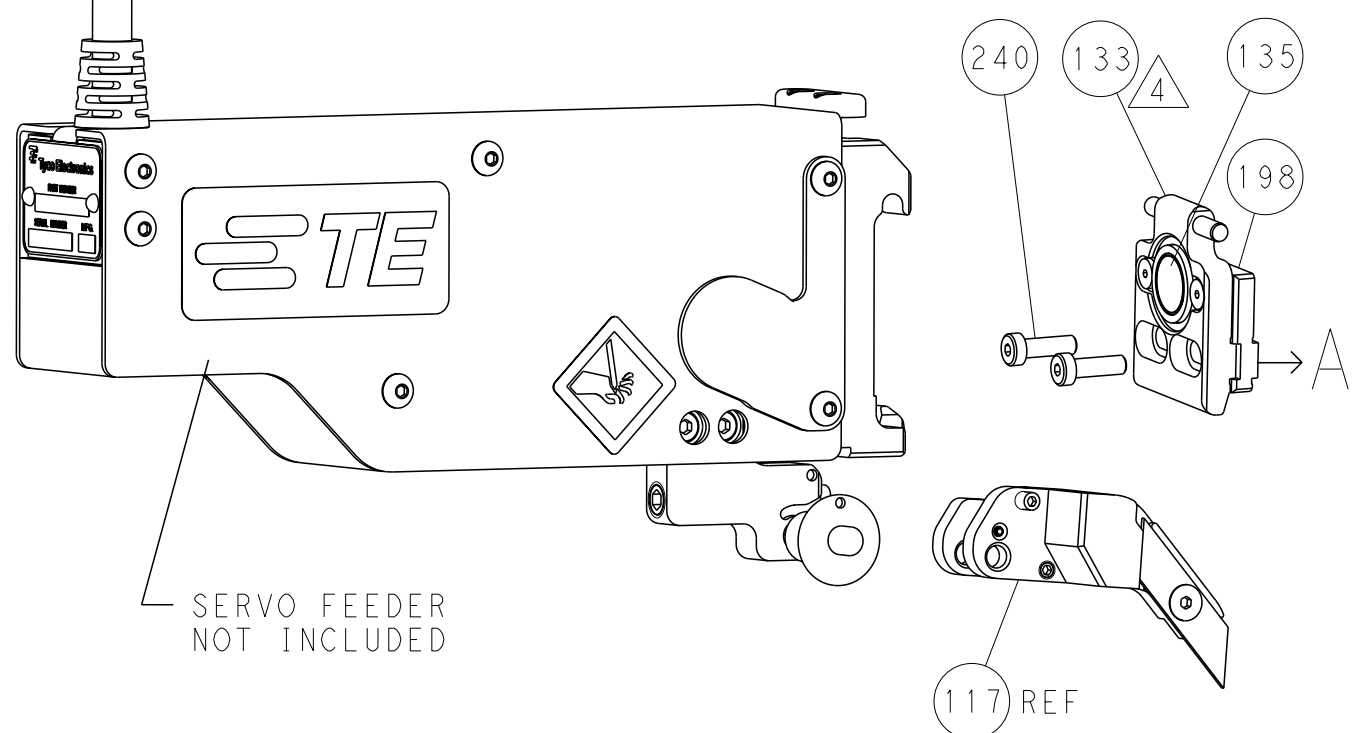
FEED TYPE MECHANICAL



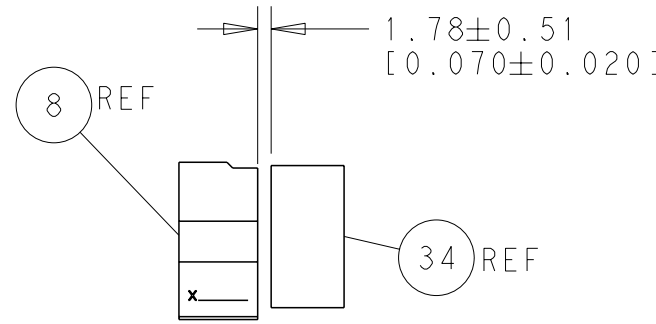
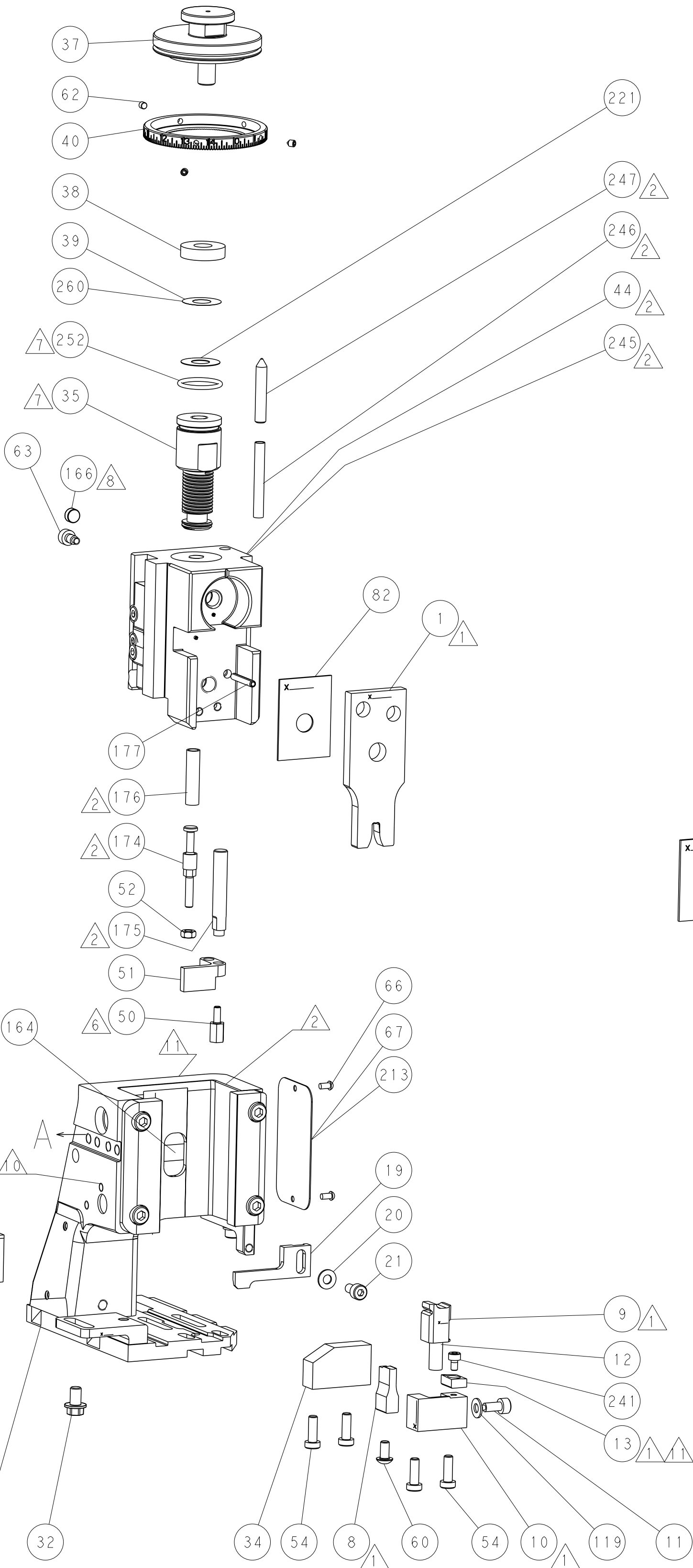
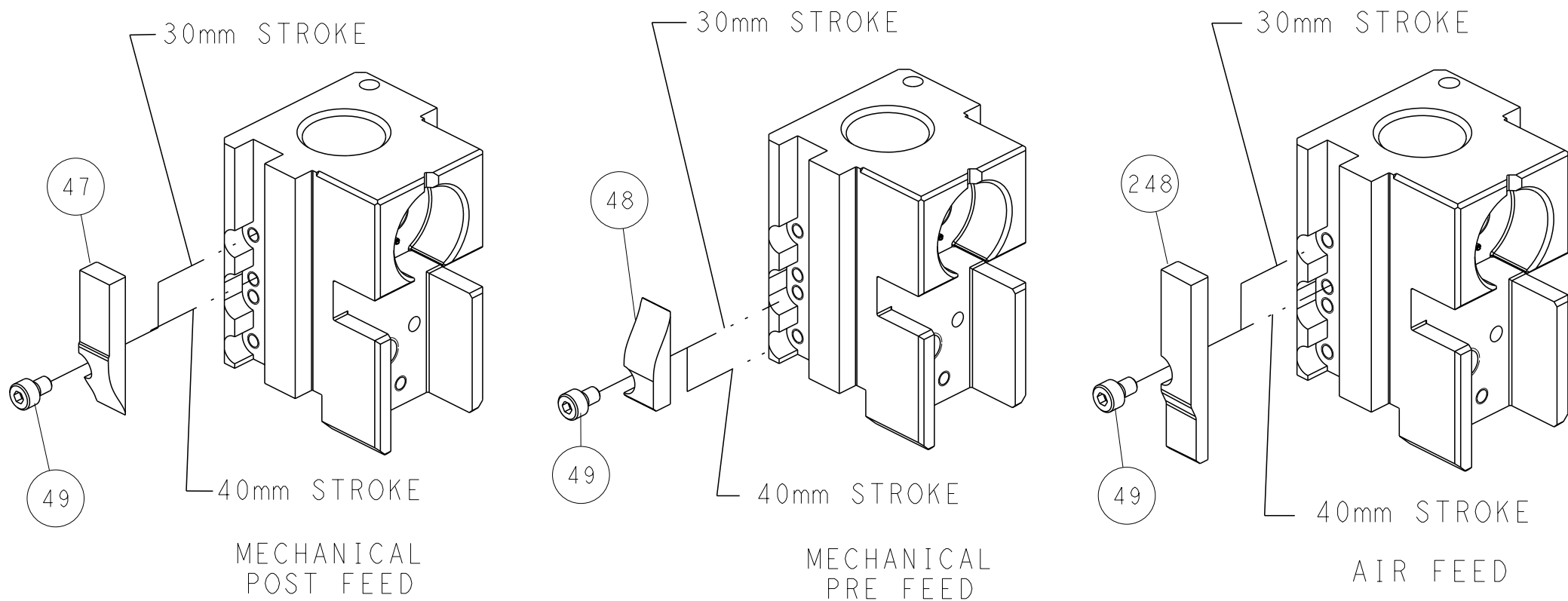
PNEUMATIC



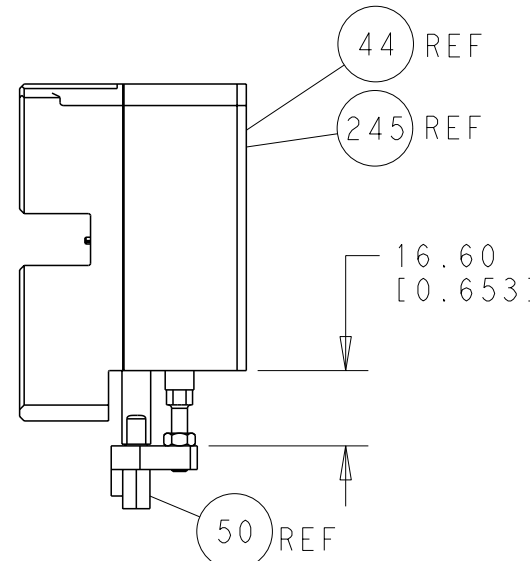
SERVO LATCH PLATE



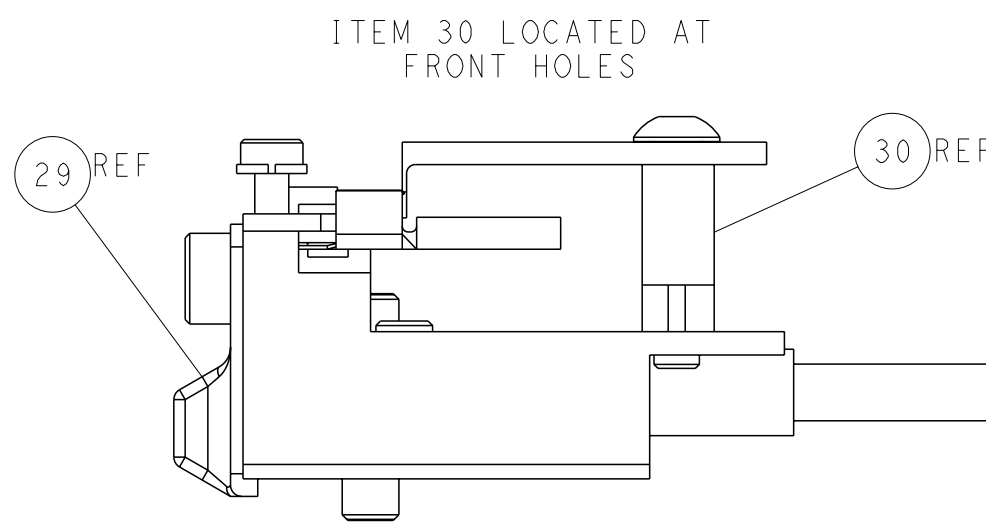
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



FEED TRACK POSITION
GUIDE BY WIRE BARREL

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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CHK G. BAILEY 13SEPT2011		NAME Ocean Side Feed Applicator	RESTRICTED TO	
APVD G. BAILEY 13SEPT2011		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
APPLICATION SPEC		WEIGHT	A1 00779 C-2151495	
MATERIAL		CUSTOMER ACCESSIBLE PRODUCTION DRAWING	SCALE 1:2 SHEET 2 OF 4 REV A	

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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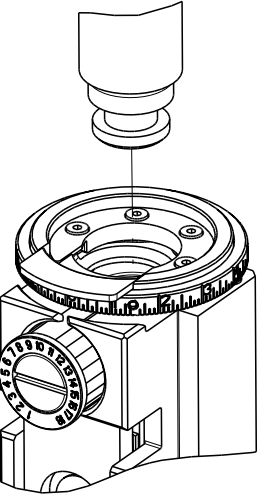
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PACIFIC VERSION
TERMINATOR
INTERFACE ADAPTER



PART
NUMBER

2-2151495-1

REVISION

A

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

MECHANICAL

CONVERT TO

PNEUMATIC FEED

PART NUMBERS REQUIRED

2119950-1

2-2151495-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

2119949-1

2-2151495-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴

MECHANICAL FEED

2119949-1

2-2151495-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

-

7-2151495-7

A

CRIMP TOOLING KIT

-

-

-

APPLICATOR DATA

CRIMP	SIZE	TYPE
WIRE	3.56 mm [.140]	F
INSUL	0.00 mm [.000]	-

APPLICATOR INSTRUCTIONS
408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: UNIVERSAL MATE-N-LOCK PIN AND SOCKET

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
6.38-7.14 mm [.251-.281 IN]	Ø0.00-5.08 mm [.000-.200 IN]

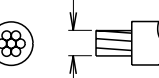
TERMINAL APPLICATION SPECIFICATION

114-1010	-	-
-	-	-

TERMINALS APPLIED

TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
350923-3	770004-4	350922-3	770003-4
350923-4	1-770004-0	350922-6	770003-8
350923-6	1586065-1	770234-3	1-770003-0
770004-3	350922-1	770003-3	1586096-1

WIRE SIZE



CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING

10 AWG	2.41+/-0.05 [.095+/- .002]	6.2
5.00mm2	2.31+/-0.05 [.091+/- .002]	7.4
4.40mm2	2.13+/-0.05 [.084+/- .002]	9.5
4.00mm2	2.03+/-0.05 [.080+/- .002]	10.7
12 AWG	1.96+/-0.05 [.077+/- .002]	11.3

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: 8-2151495-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151495-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151495-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151495-6

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.

7

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.

8

MAGNET 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

TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

APPLICATOR STYLE CONVERSION CHART

CONVERT TO	PART NUMBERS REQUIRED
PNEUMATIC FEED	2119950-1
SERVO LATCH PLATE	2119951-1
SMART APPLICATOR	2161326-1
MECHANICAL FEED	2119949-1
SERVO LATCH PLATE	2119951-1
SMART APPLICATOR	2161326-1
MECHANICAL FEED	2119949-1
PNEUMATIC FEED	2119950-1
-	-
-	-

SET UP GAUGE
2119599-1

LOC
A

DIST
66

REVISIONS

P	LYR	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-

1

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

18023-1

SCR, SKT HD CAP M3 X 5.0

241

-

-

2

-

-

2168400-6

SHCS, LOW HEAD, RoHS, M5 X 16

240

-

-

-

-

1

2119580-1

MECHANICAL FEED ASSEMBLY

239

-

-

-

1

-

2063440-1

AIR FEED MODULE

238

-

1

1

1

1

2119091-4

SHIM, LAMINATE

221

-

-

1

-

-

2119740-2

TAG,IDENTIFICATION

213

-

-

1

-

-

1901094-3

SPACER, FEEDER

198

-

1

1

1

 1 | 993111-1 | PIN, SLOTTED SPRING 3.0 X 20.0 | 177 || - | 1 | 1 | 1 | 1 | 8-22280-7 | SPRING, COMPRESSION | 176 |
-	1	1	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	1	1	1	8-21084-1	O-RING, .801 ID, .070 DIA. MAT.	152
-	-	-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	1	1	2119798-2	DETENT PIN	145
-	1	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
-	4	4	4	4	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	143
-	-	-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1	1	1-2119656-0	APPLICATOR BASIC ASSEMBLY, SF	141
-	1	1	1	1	2119650-1	RAM, ASIAN STYLE, SIDE FEED	140
-	1	1	1	1	2119092-2	BOLT, ADJUSTMENT	139
-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	-	REF	-	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	-	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	-	REF	-	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	455888-7	SPACER, CRIMPER	82
-	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	1	-	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS	66
-	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	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	-	1	1	1338685-1	PAWL, FEED	56
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1	1	1901681-1	HOLDDOWN, TERMINAL	51
-	1	1	1	1	1-1752354-9	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	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	2119644-2	RAM WASHER, PRECISION	38
-	1	1	1	1	1-1752356-8	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	1	1	1	1	2161328-1	HEX HEAD, FLANGED, M5 x 8mm LONG	32
-	1	1	1	1	1-1320908-0	SPACER, STRIP GUIDE	30
-	1	1	1	1	2119959-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1-455888-0	SPACER, CRIMPER	28
-	1	1	1	1	1320928-2	PLATE, 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	2119533-1	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	462006-6	FLOATING SHEAR, FRONT	9
-	1	1	1	1	1333227-5	ANVIL, SPECIAL (WIRE/B ONLY)	8
-	1	1	1	1	1-2119757-0	DEPRESSOR, SHEAR	5
-	1	1	1	1	1-456411-2	CRIMPER, WIRE PREMIUM	1

77

27

25

22

21

PART NO

DESCRIPTION

ITEM NO

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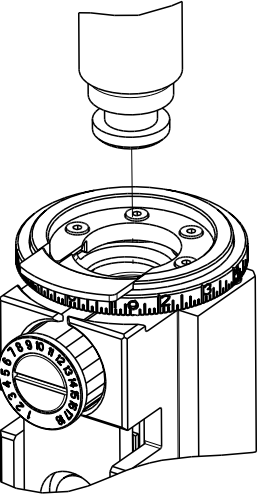
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PACIFIC VERSION
TERMINATOR
INTERFACE ADAPTER



PART
NUMBER

2-2151495-1

REVISION

A

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

MECHANICAL

CONVERT TO

PNEUMATIC FEED

PART NUMBERS REQUIRED

2119950-1

2-2151495-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

2119949-1

2-2151495-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴

MECHANICAL FEED

2119949-1

2-2151495-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

-

7-2151495-7

A

CRIMP TOOLING KIT

-

-

-

APPLICATOR DATA

CRIMP	SIZE	TYPE
WIRE	3.56 mm [.140]	F
INSUL	0.00 mm [.000]	-

APPLICATOR INSTRUCTIONS
408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: UNIVERSAL MATE-N-LOCK PIN AND SOCKET

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
6.38-7.14 mm [.251-.281 IN]	Ø0.00-5.08 mm [.000-.200 IN]

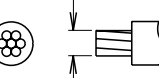
TERMINAL APPLICATION SPECIFICATION

114-1010	-	-
-	-	-

TERMINALS APPLIED

TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
350923-3	770004-4	350922-3	770003-4
350923-4	1-770004-0	350922-6	770003-8
350923-6	1586065-1	770234-3	1-770003-0
770004-3	350922-1	770003-3	1586096-1

WIRE SIZE



CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING

10 AWG	2.41+/-0.05 [.095+/- .002]	6.2
5.00mm2	2.31+/-0.05 [.091+/- .002]	7.4
4.40mm2	2.13+/-0.05 [.084+/- .002]	9.5
4.00mm2	2.03+/-0.05 [.080+/- .002]	10.7
12 AWG	1.96+/-0.05 [.077+/- .002]	11.3

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: 8-2151495-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151495-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151495-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151495-6

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.

7

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.

8

MAGNET 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

TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

APPLICATOR STYLE CONVERSION CHART

CONVERT TO	PART NUMBERS REQUIRED
PNEUMATIC FEED	2119950-1
SERVO LATCH PLATE	2119951-1
SMART APPLICATOR	2161326-1
MECHANICAL FEED	2119949-1
SERVO LATCH PLATE	2119951-1
SMART APPLICATOR	2161326-1
MECHANICAL FEED	2119949-1
PNEUMATIC FEED	2119950-1
-	-
-	-

SET UP GAUGE
2119599-1

LOC
A

DIST
66

REVISIONS

P	LYR	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-

1

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

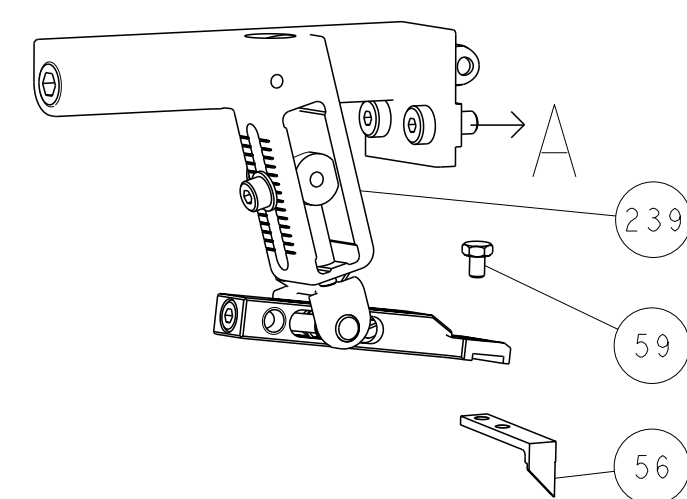
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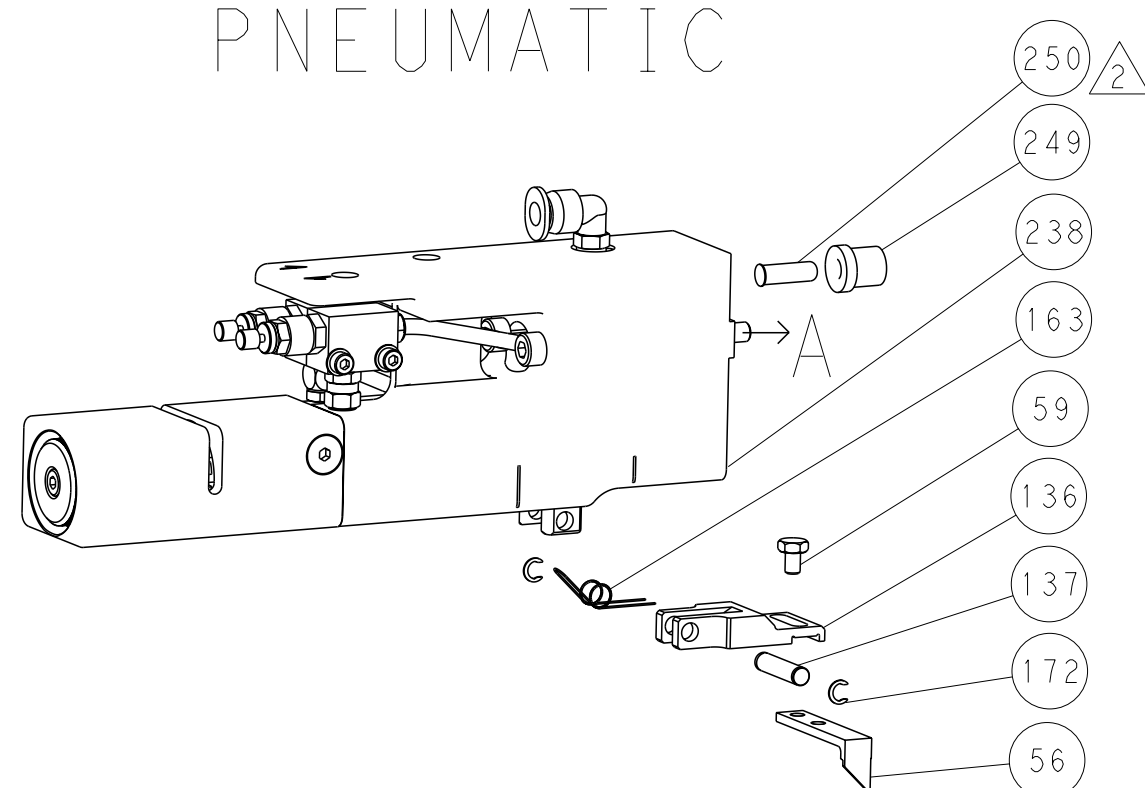
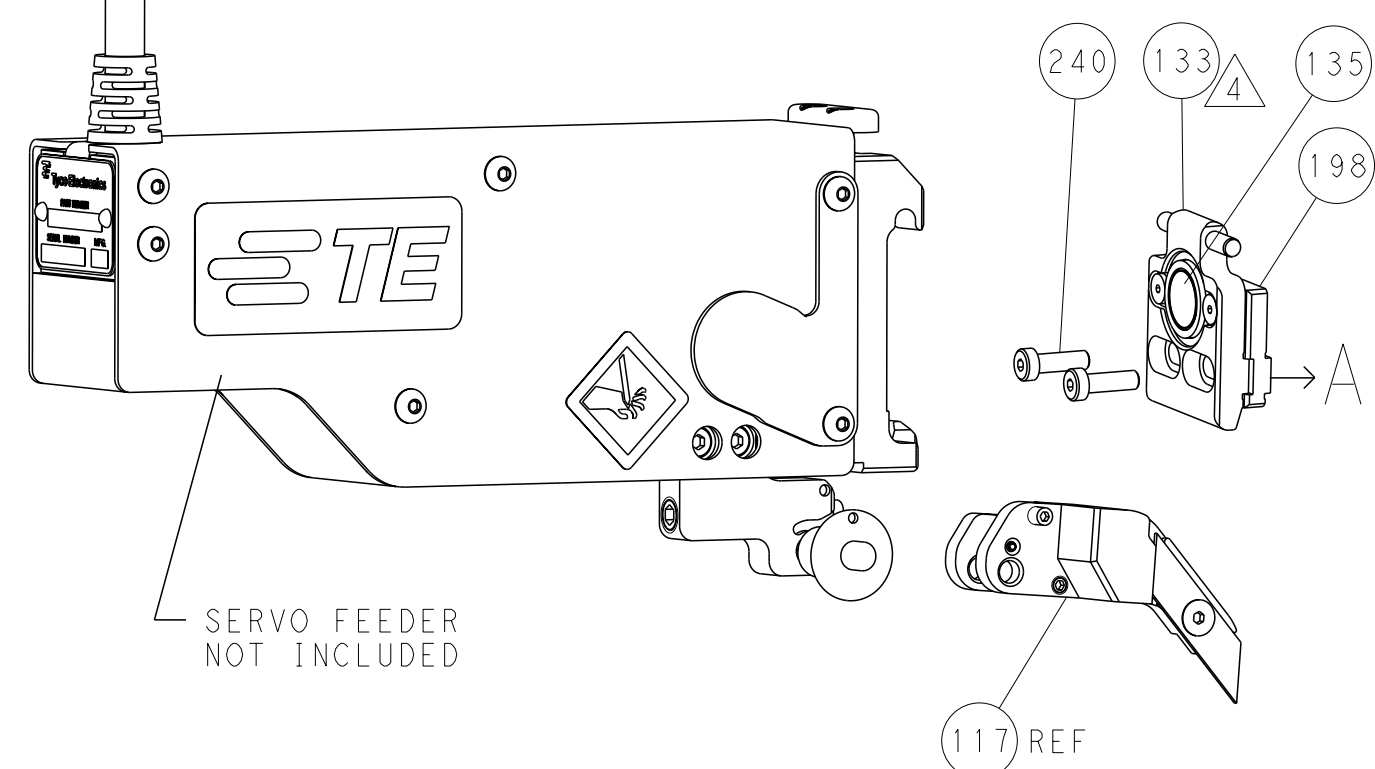
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 1 | 1 | 1-22279-3 | SPRING, COMPRESSION | 246 || - | 1 | 1 | 1 | 1 | 18023-1 | SCR, SKT HD CAP M3 X 5.0 | 241 |
-	-	2	-	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240
-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	-	-	1	-	2063440-1	AIR FEED MODULE	238
-	1	1	1	1	2119091-4	SHIM, LAMINATE	221
-	-	1	-	-	2119740-2	TAG,IDENTIFICATION	213
-	-	1	-	-	1901094-3	SPACER, FEEDER	198
-	1	1	1	1	993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
-	1	1	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	1	1	1	8-21084-1	O-RING, .801 ID, .070 DIA. MAT.	152
-	-	-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	1	1	2119798-2	DETENT PIN	145
-	1	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
-	4	4	4	4	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	143
-	-	-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1	1	1-2119656-0	APPLICATOR BASIC ASSEMBLY, SF	141
-	1	1	1	1	2119650-1	RAM, ASIAN STYLE, SIDE FEED	140
-	1	1	1	1	2119092-2	BOLT, ADJUSTMENT	139
-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	-	REF	-	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	-	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	-	REF	-	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	455888-7	SPACER, CRIMPER	82
-	1	1	1	1	2119956		

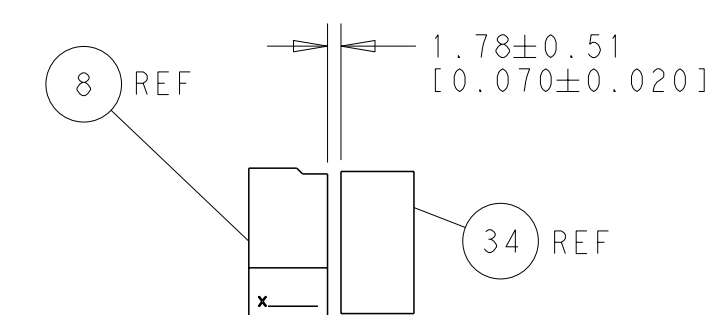
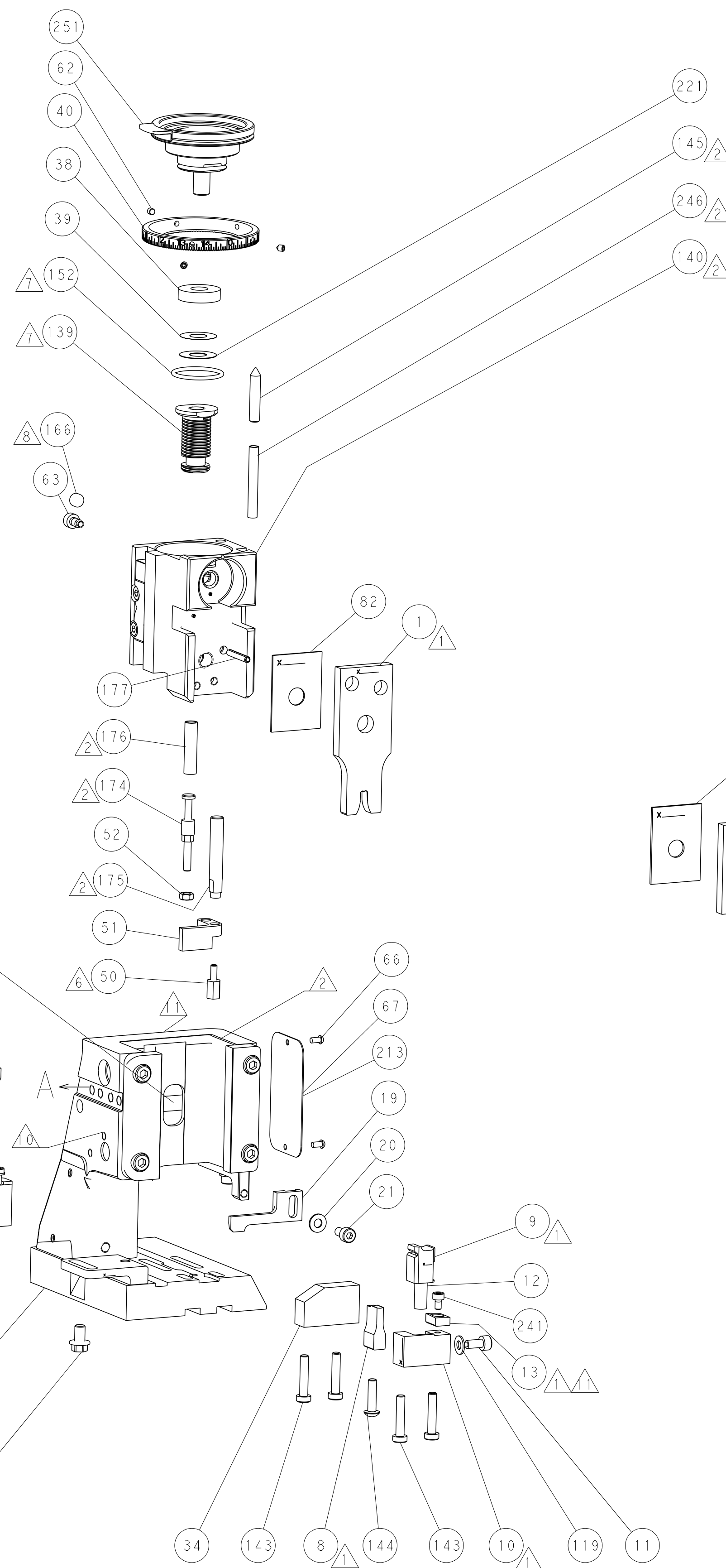
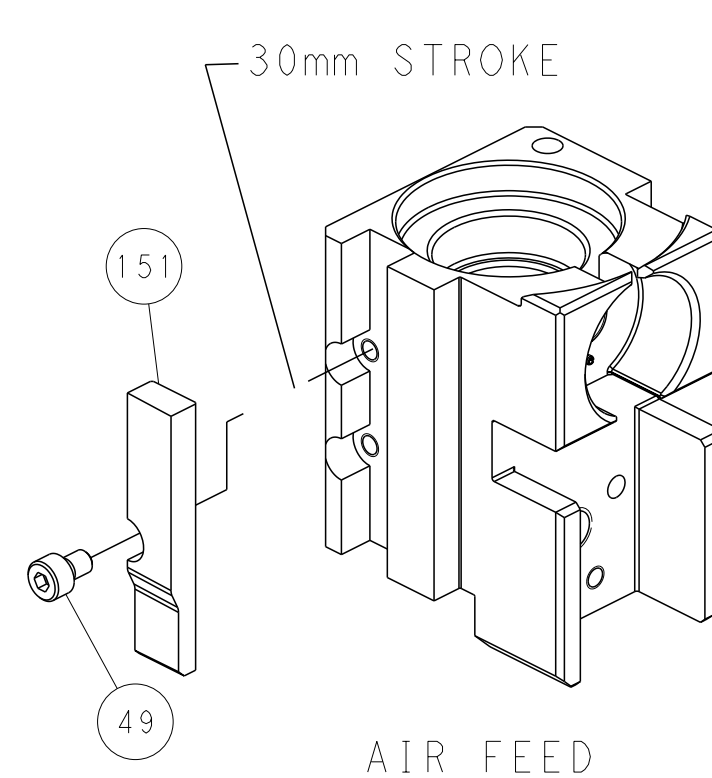
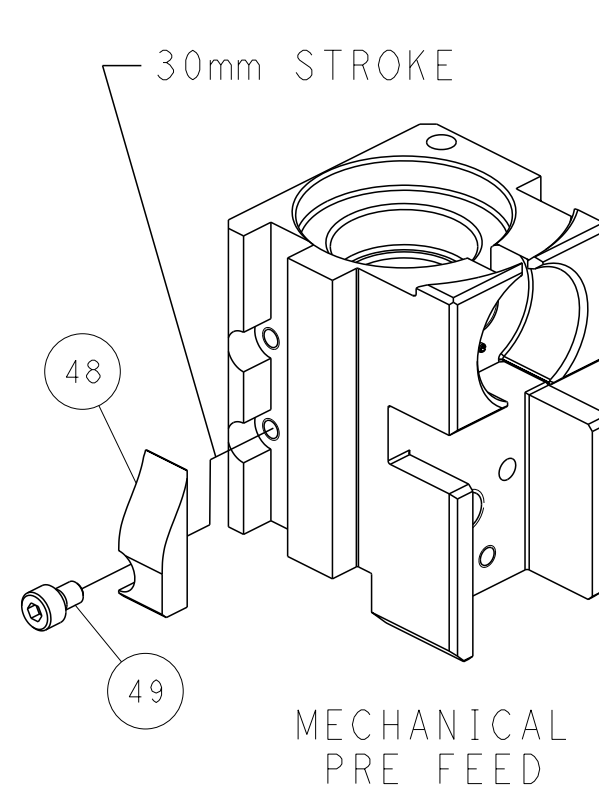
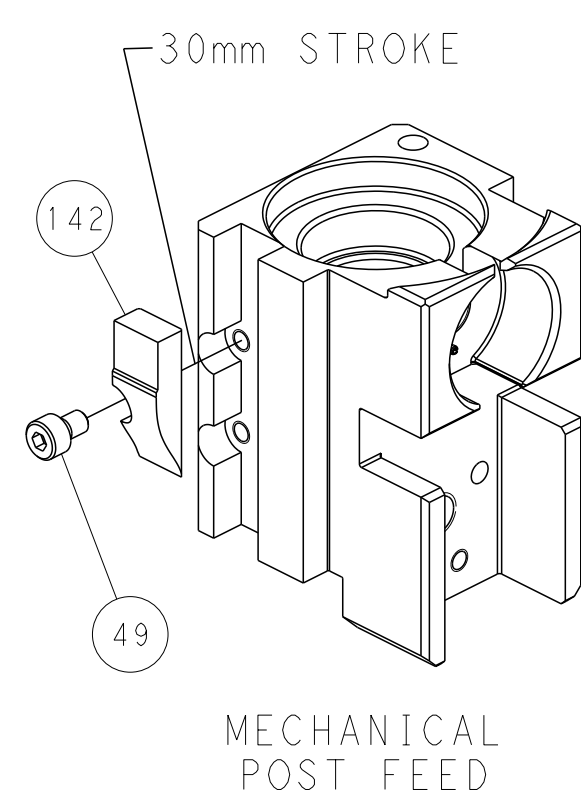
FEED TYPE
MECHANICAL



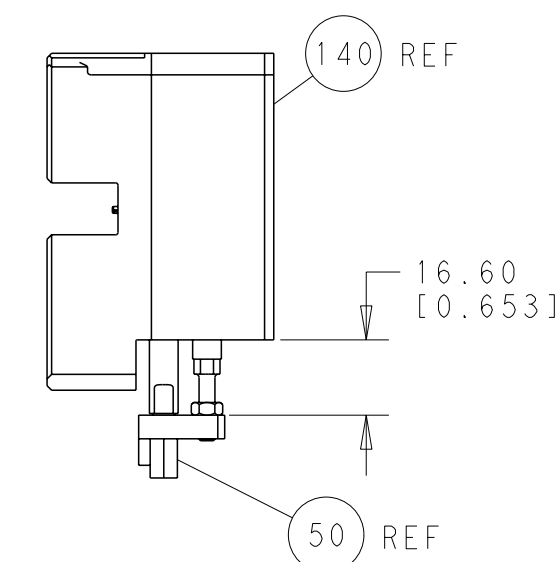
PNEUMATIC

SERVO
LATCH PLATE

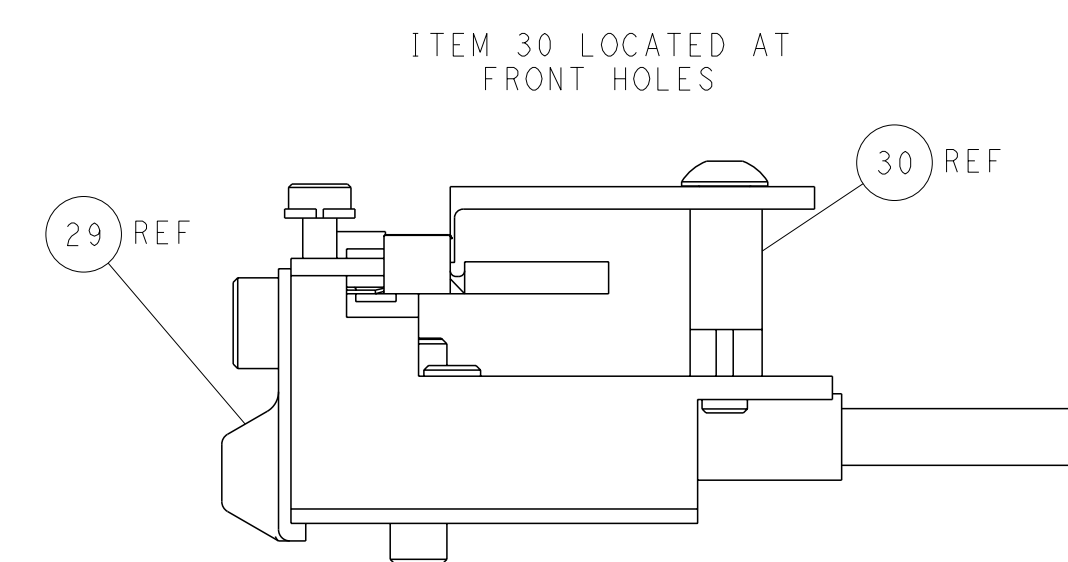
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



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)

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		CHK G. BAILEY 13SEP2011				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	Ocean Side Feed Applicator -		
		APPROVED G. BAILEY 13SEP2011	PRODUCT SPEC			
			-			
		APPLICATION SPEC	-			
SIZE	CASE CODE	DRAWING NO	RESTRICTED			
A	00779	C=2151495	-			
CUSTOMER ACCESSIBLE PRODUCTION DRAWING			SCALE	SHEET	OF	REV
			1:2	4	4	A

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