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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

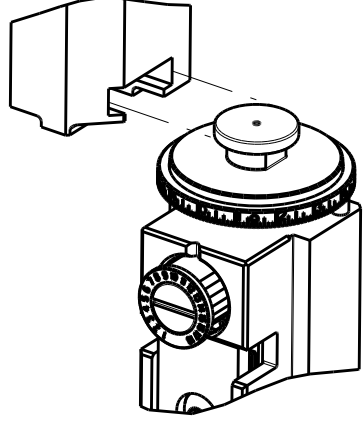
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2150356-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119951-1

2161326-1

2119792-2

1901697-1

-

-

-

-

2119641-1

-

-

-

2168400-7 (QUANTITY 2)

-

2150356-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2119951-1

2161326-1

2063961-1

1901697-1

8-2150356-5

5-18022-5

-

-

2119653-1

-

-

-

2168400-7 (QUANTITY 2)

-

2150356-5

A

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

2119950-1

2119792-2

2063961-1

-

-

5-18022-5

-

-

2119653-1

-

-

-

2063440-1

-

2150356-6

A

NON-CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴¹²

-

-

-

-

-

-

-

-

-

-

-

-

2150356-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

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-

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-

-

-

-

-

7-2150356-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

-

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

3.05 mm [.120]

F

INSUL

4.57 mm [.180]

Ø

APPL INSTRUCTIONS

408-10390

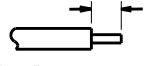


TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: RING

WIRE STRIP LENGTH



INSULATION DIAMETER RANGE

3.18-3.18 mm [.125-.125 IN]

Ø2.54-3.43 mm [.100-.135 IN]

TERMINAL APPLICATION SPECIFICATION

114-2084

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

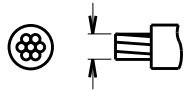
TE TERMINAL

TE TERMINAL

61386-1

61386-2

WIRE SIZE



CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING⁹

16 AWG

1.83+/-0.05 [.072+/- .002]

5.0

18 AWG

1.68+/-0.05 [.066+/- .002]

6.5

20 AWG

1.60+/-0.05 [.063+/- .002]

7.5



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: 8-2150356-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150356-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150356-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2150356-6

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 ITEMS 62 & 242.
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37 & 242.

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.

AMP 4805 REV 31MAR2000

*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.

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	DWN	APVD
	1	DEVELOPMENT	31JUL2013	CC	UG
	A	RELEASED	05SEP2013	BH	BH

-	-	1	-	-	-	2119957-2	APPLICATOR SHIM PACK	260
-	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
-	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
-	-	REF	REF	-	-	1901697-1	FEED FINGER ASSEMBLY, EF	183
-	-	-	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	-	1	-	240638-1	SPRING, FEED FINGER	163
-	-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	REF	REF	-	-	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	455888-4	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	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
-	4	4	4	4	4	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2	2	2	2168083-5	SCR, SKT HD CAP, RoHS, M4 X 6.0	56
-	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	-	2119792-2	PAWL, EF, AIR	51
-	-	-	-	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	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
-	8	8	8	8	8	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2	2	2	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	1752371-5	PLATE, STRIP GUIDE	24
-	2	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1	1	1752373-4	DRAG	20
-	1	1	1	1	1	1-1901696-2	STRIP GUIDE, REAR	19
-	1	1	1	1	1	1-1901695-2	STRIP GUIDE, FRONT	18
-	4	4	4	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17
-	1	1	1	1	1	240644-1	PLATE, REAR SHEAR	11
-	-	-	-	-	-	-	-	10
-	1	1	1	1	1	690482-1	PLATE, FRONT SHEAR	9
-	1	1	1	1	1	7-1633384-5	ANVIL, COMBINATION	8
-	1	1	1	1	1	2217206-1	BLADE, SLUG	7
-	-	-	-	-	-	-	-	6
-	1	1	1	1	1	1-240641-9	SPACER	5
-	1	1	1	1	1	238009-1	BLOCK, FL CRIMPER SPACER	4
-	1	1	1	1	1	6-2119784-0	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	1	455888-1	SPACER, CRIMPER	2
-	1	1	1	1	1	456409-2	CRIMPER, WIRE .120 "F" PREMIUM	1

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

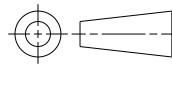
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DWN
C. CHEN
31JUL2013

CHK
U. GUO

APVD
J. CRUZ
31JUL2013

DIMENSIONS:
mm



0 PLC ±.5

1 PLC ±0.13

2 PLC ±0.13

3 PLC ±0.013

4 PLC ±0.0001

ANGLES ±.5

FINISH

MATERIAL
-

FINISH
-

DWN
C. CHEN
31JUL2013

CHK
U. GUO

APVD
J. CRUZ
31JUL2013

NAME
Ocean End Feed
Applicator

PRODUCT SPEC
-

APPLICATION SPEC
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
©=2150356

RESTRICTED TO
-

Customer Accessible Production Drawing

SCALE
1:1

SHEET
1

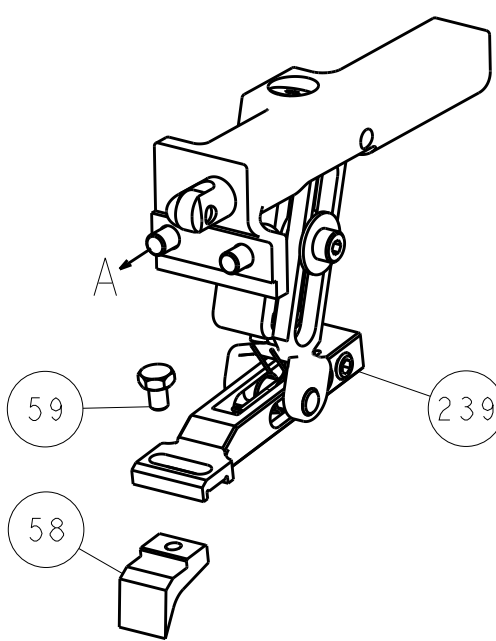
OF
4

REV
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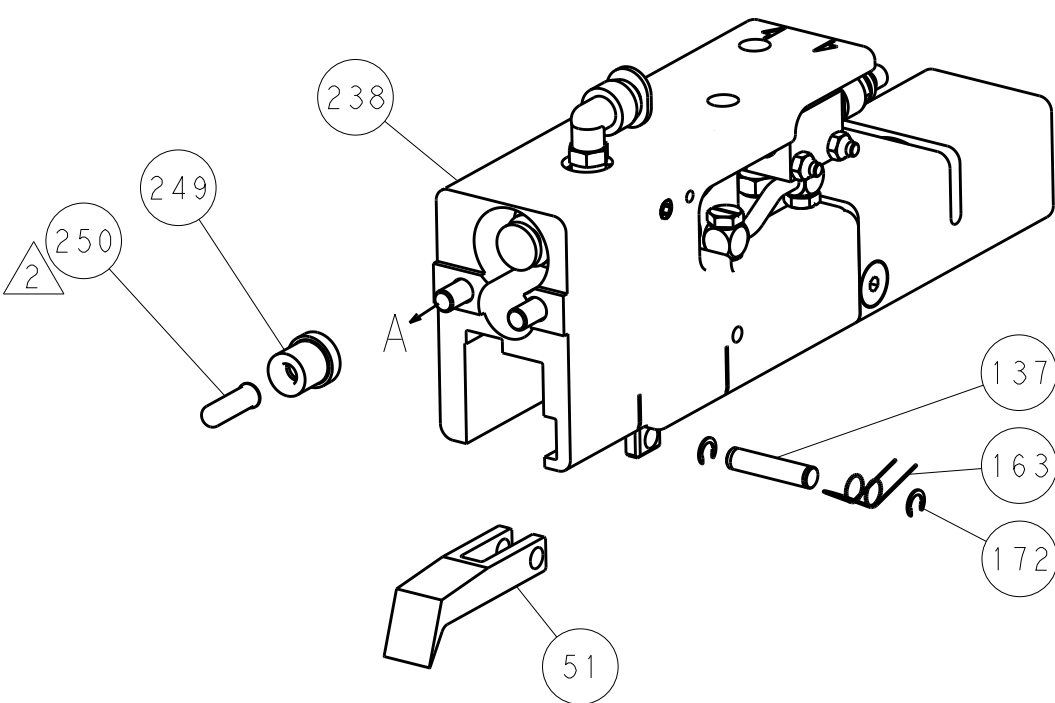
TE Connectivity
Harrisburg, PA 17105-3608

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

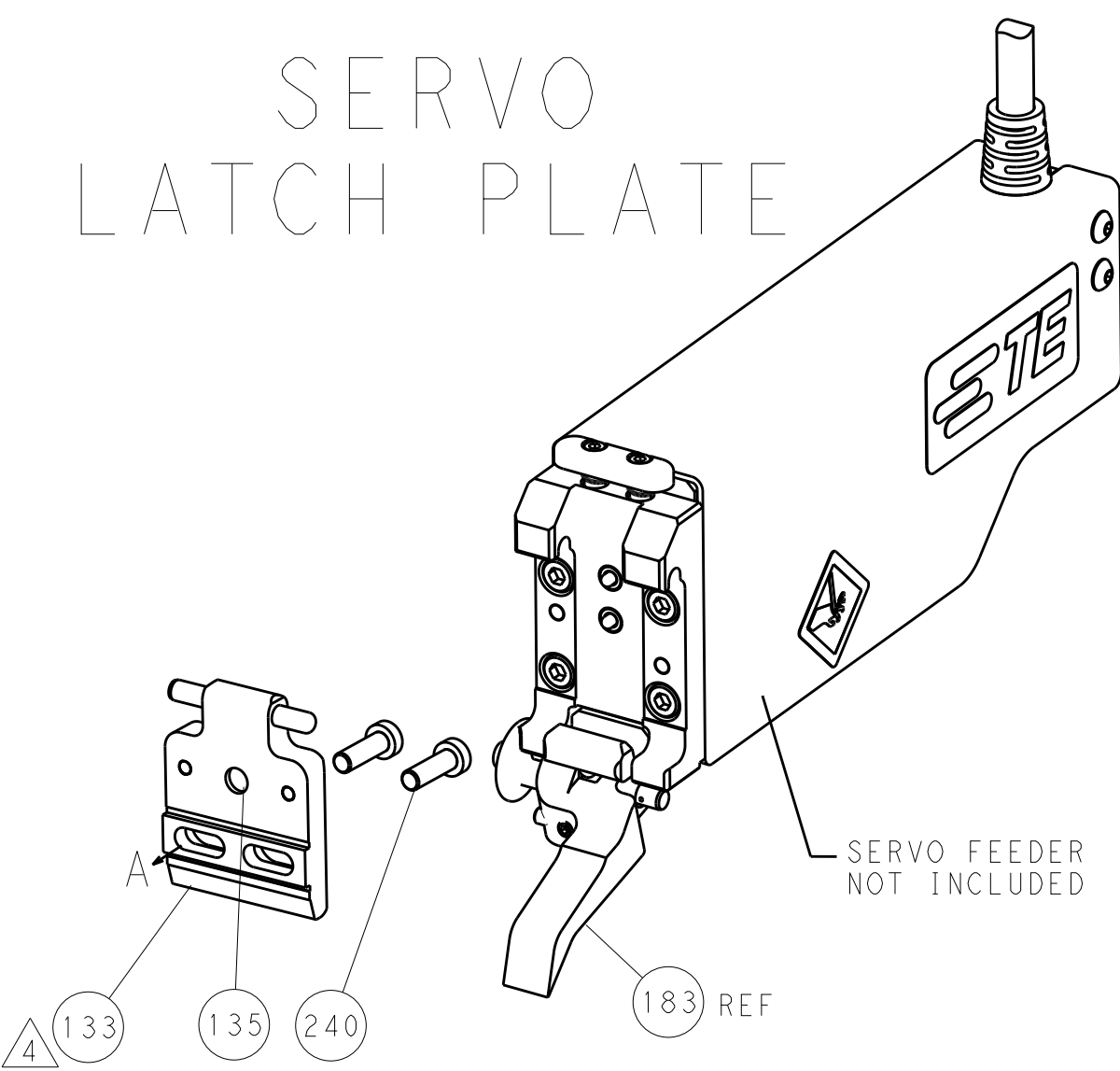
FEED TYPE
MECHANICAL



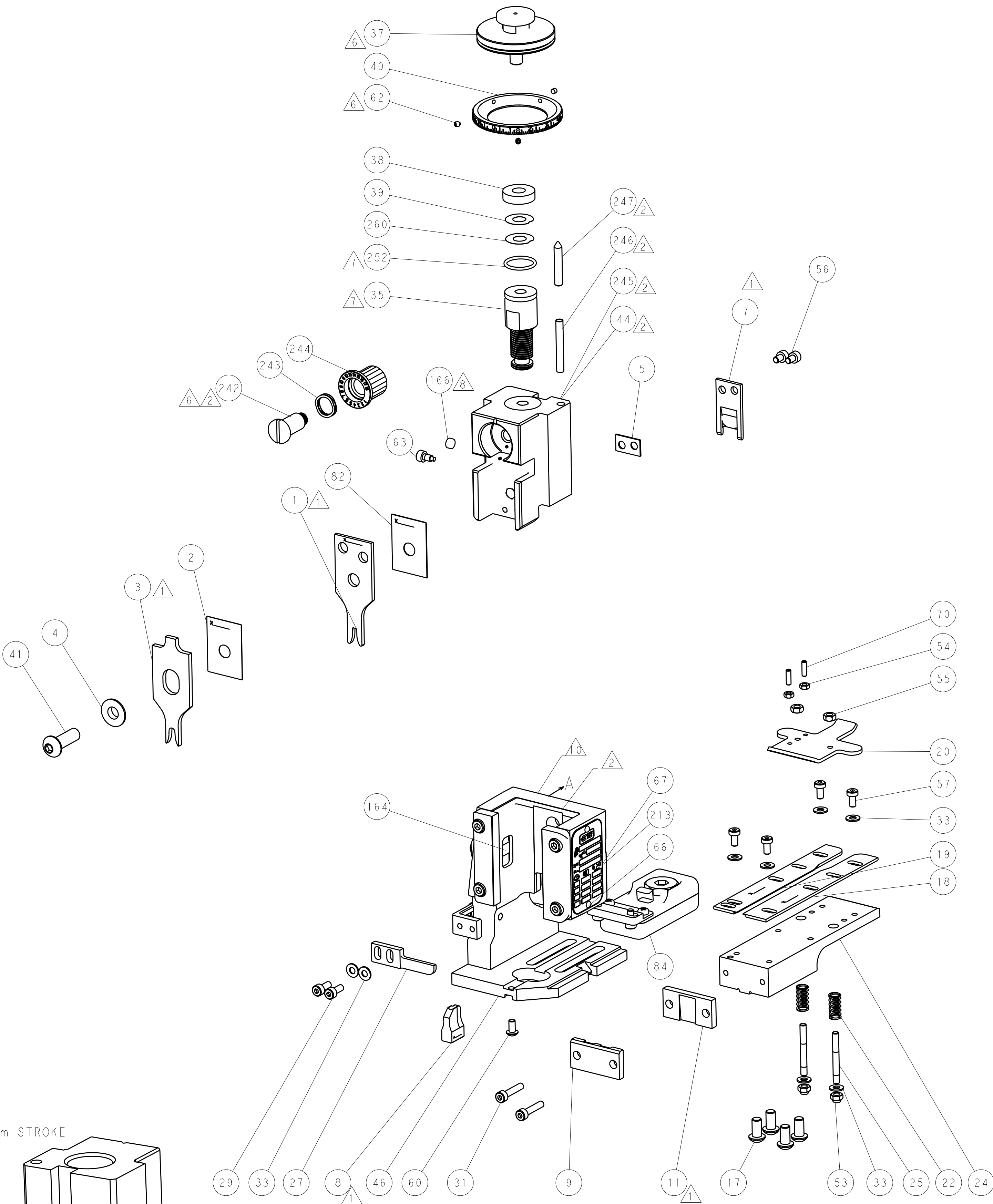
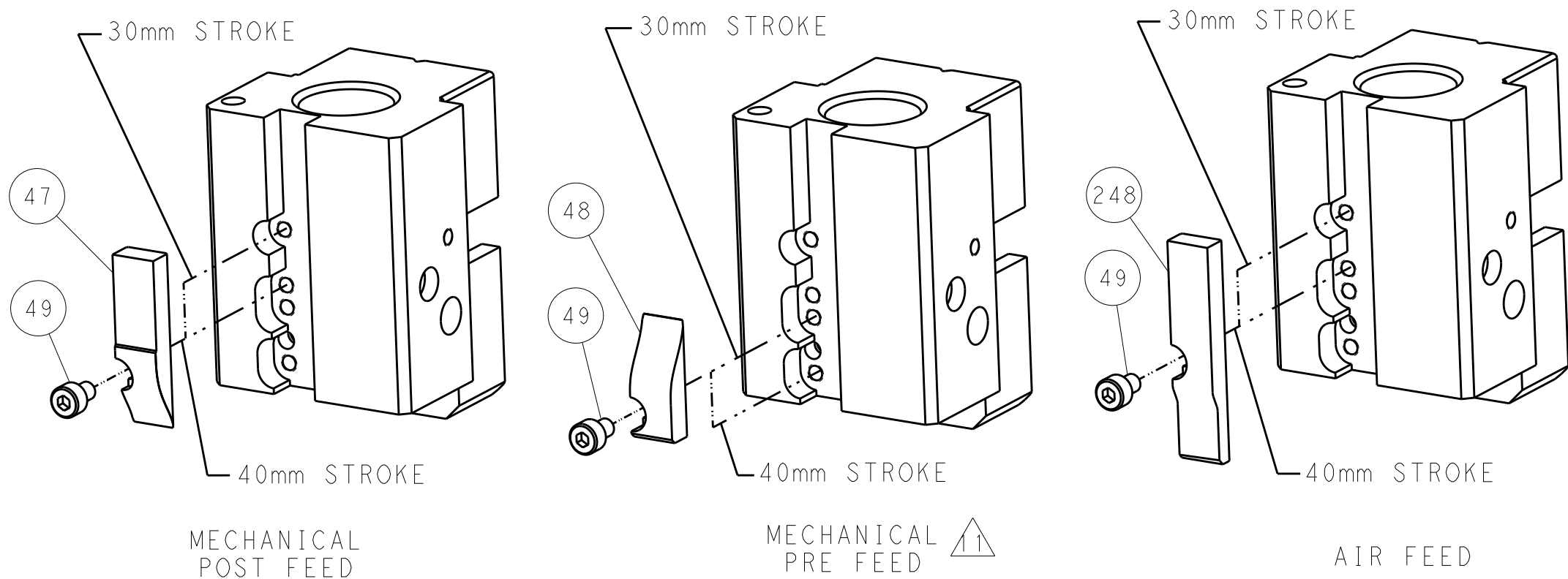
PNEUMATIC



SERVO
LATCH PLATE

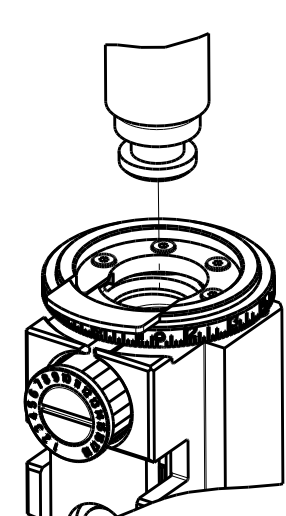


CAM POSITIONS

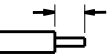


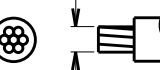
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

1ST PUBLISHED BY: COMPANY/ISSUED FOR: TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE/REVISIONS WITHOUT NOTICE AND WITHOUT NOTICE TO THE USER. SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN C. CHEN 31JUL2013	TE Connectivity Harrisburg, PA 17105-3608	
CHK U. GUO 31JUL2013		APVD J. CRUZ 31JUL2013	NAME Ocean End Feed Applicator	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.5 1 PLC ± 0.13 2 PLC ± 0.13 3 PLC ± 0.13 4 PLC ± 0.001 ANGLES ± 0.001 FINISH		PRODUCT SPEC
MATERIAL		WEIGHT		APPLICATION SPEC
-		-		SIZE CAGE CODE DRAWING NO 00779 C=2150356
Customer Accessible Production Drawing		SCALE 1:1		RESTRICTED TO SHEET 2 OF 4 REV A

8				6		5		4		3		
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PACIFIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART							
					CONVERT TO		PART NUMBERS REQUIRED					
	2-2150356-1	A	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	2119792-2	-	2119641-2	-	2063440-1	
					SERVO LATCH PLATE	2119951-1	1901697-1	8-2150356-5	-	-	2168400-7 (QUANTITY 2)	
					SMART APPLICATOR	2161326-1	-	8-2150356-4	-	-	-	
	2-2150356-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	2063961-1	5-18022-5	2119653-2	-	-	
					SERVO LATCH PLATE	2119951-1	1901697-1	8-2150356-5	-	-	2168400-7 (QUANTITY 2)	
					SMART APPLICATOR	2161326-1	-	8-2150356-4	-	-	-	
	2-2150356-5	A	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	
	2-2150356-7	A	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-	-
	7-2150356-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	4.57 mm [.180]	O
APPL INSTRUCTIONS 408-10390		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: RING			
WIRE STRIP LENGTH 3.18-3.18 mm [.125-.125 IN]			INSULATION DIAMETER RANGE Ø2.54-3.43 mm [.100-.135 IN]
TERMINAL APPLICATION SPECIFICATION	114-2084	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
61386-1	61386-2		

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING ⁹
16 AWG		1.83+/-0.05 [.072+/- .002]		5.0
18 AWG		1.68+/-0.05 [.066+/- .002]		6.5
20 AWG		1.60+/-0.05 [.063+/- .002]		7.5



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: 8-2150356-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150356-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150356-5

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 ITEMS 62 & 242.

⁷ GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 153.

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.

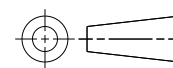
¹² TERMINAL LUBRICANT IS REQUIRED.

*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.

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

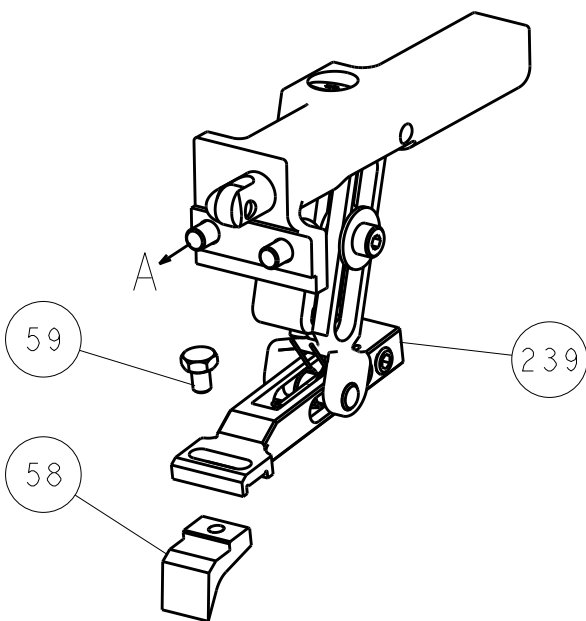
SET UP GAUGE 2119599-2	LOC A	DIST 66	REVISIONS			
			P	LTR	DESCRIPTION	DATE
			-	-	SEE SHEET 1	-

-	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	2119082-9	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
-	-	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
-	-	-	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
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-	1	1	1	1	238009-1	BLOCK, FL CRIMPER SPACER	4
-	1	1	1	1	6-2119784-0	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	455888-1	SPACER, CRIMPER	2
-	1	1	1	1	456409-2	CRIMPER, WIRE .120 "F" PREMIUM	1
-	77-27-25-22-21	PART NO		DESCRIPTION			ITEM NO

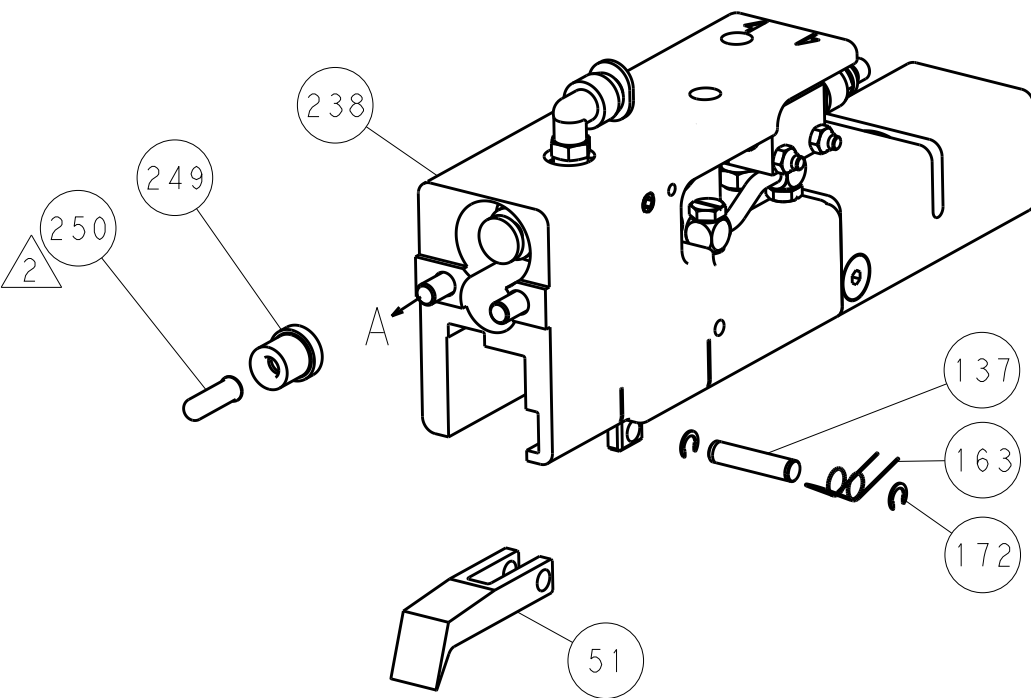
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				CHK U. GUO	31JUL2013						
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. CRUZ	31JUL2013	NAME		Ocean End Feed Applicator			
mm		0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1		PRODUCT SPEC		APPLICATION SPEC					
						SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
MATERIAL		FINISH		WEIGHT		A1		00779	©=2150356	-	
Customer Accessible Production Drawing						SCALE		1:1	SHEET	3 of 4	REV A

LOC		DIST		REVISIONS			
A		66		REV	DESCRIPTION	DATE	OWN
				-	SEE SHEET 1	-	-

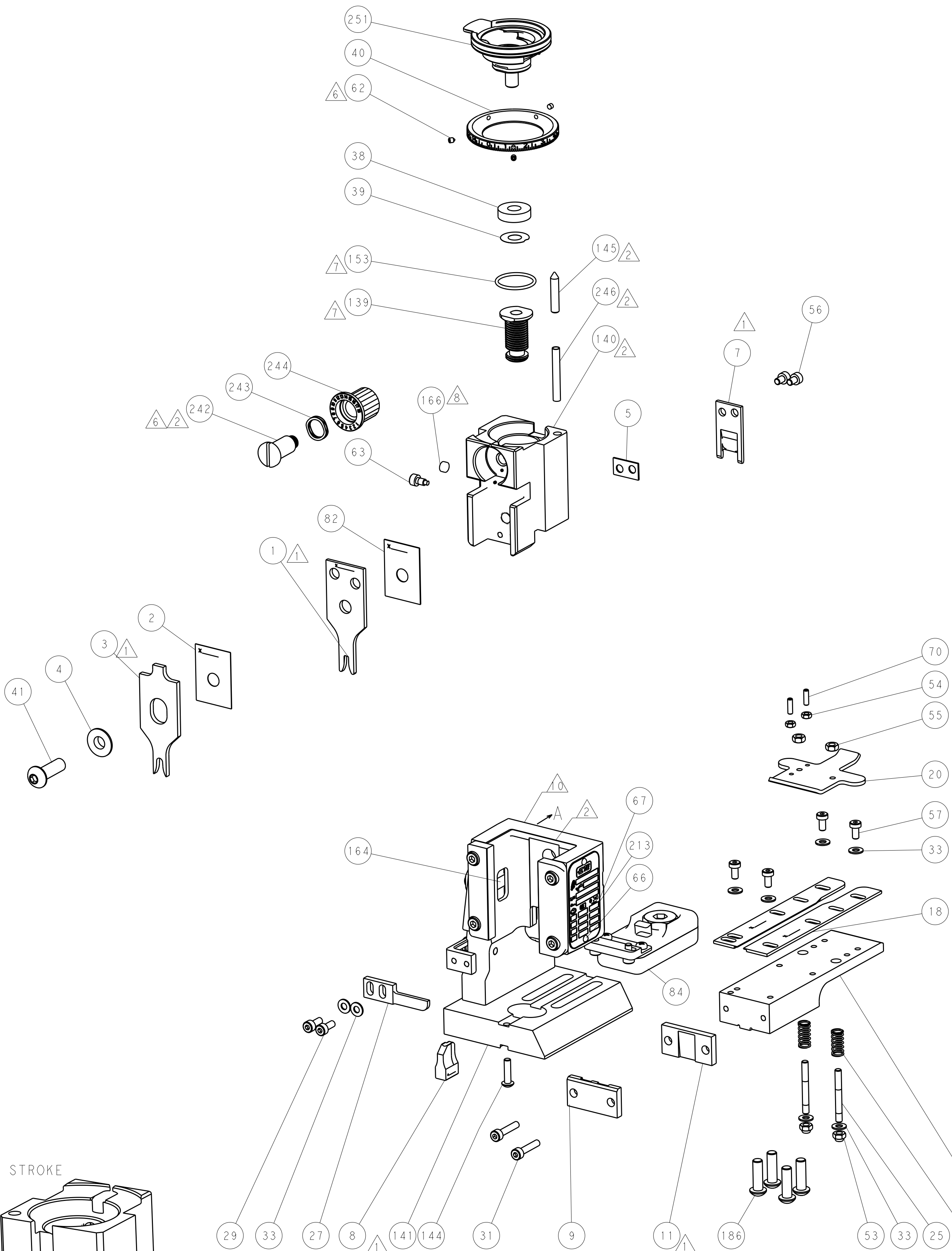
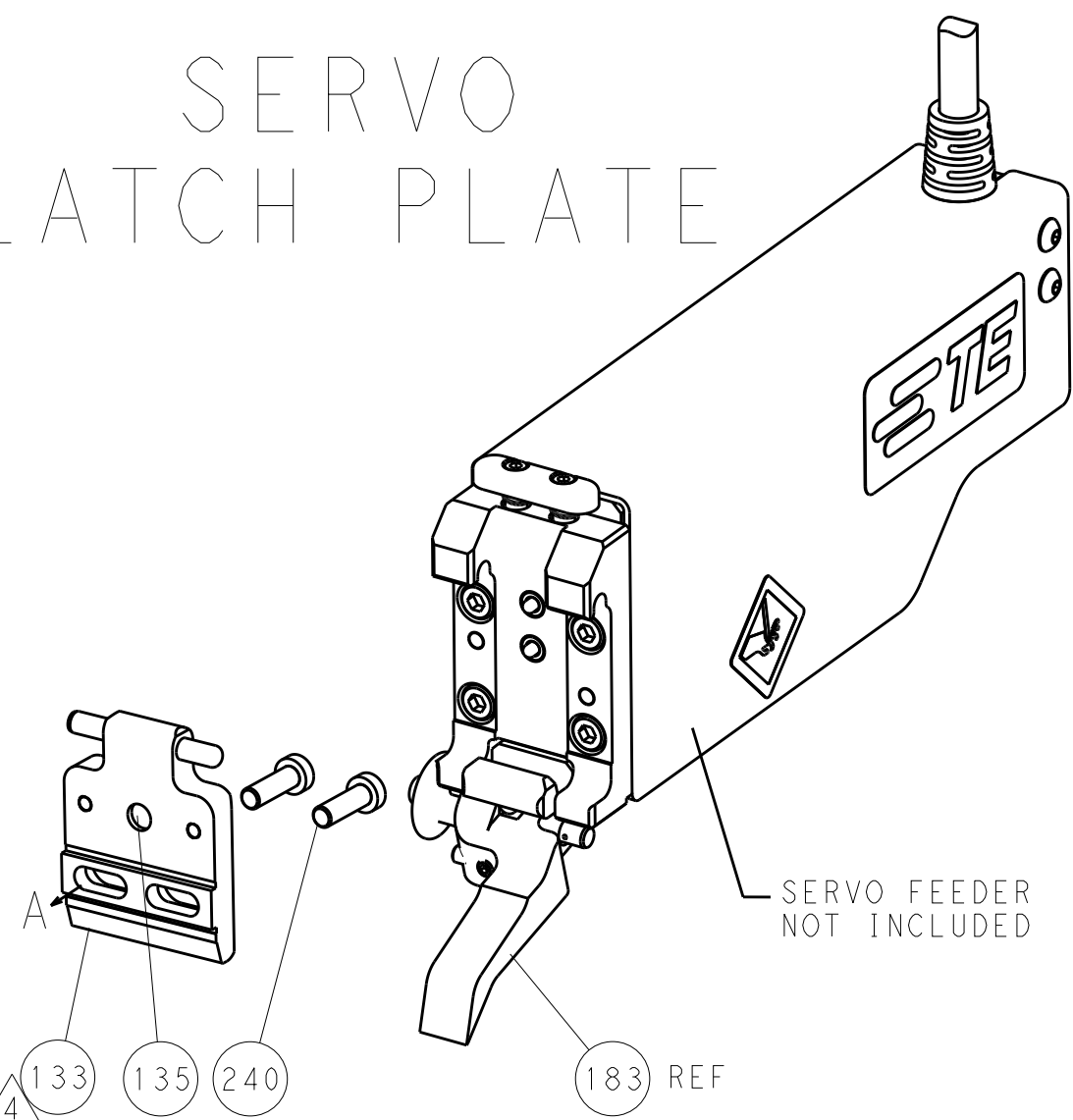
FEED TYPE
MECHANICAL



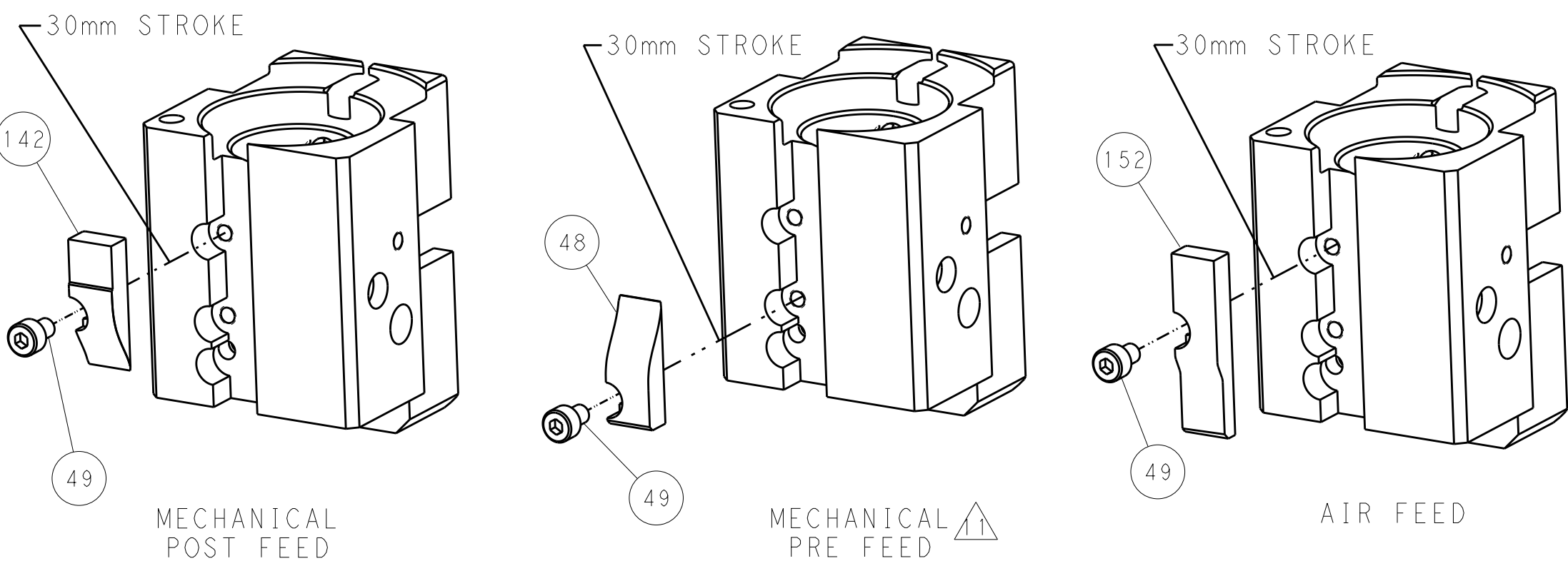
PNEUMATIC



SERVO
LATCH PLATE



CAM POSITIONS



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		CHK J. GUO	31 JUL 2013	NAME Ocean End Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.13 4 PLC ±0.001 ANGLES ±0.001		APVD J. CRUZ	31 JUL 2013	SIZE A1	
MATERIAL		PRODUCT SPEC		CAGE CODE 00779	
		APPLICATION SPEC		DRAWING NO C=2150356	
		WEIGHT		RESTRICTED TO	
		Customer Accessible Production Drawing		SCALE 1:1	
				SHEET 4	
				OF 4	
				REV A	