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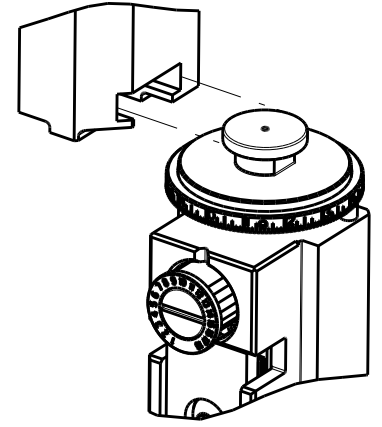
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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER



PART
NUMBER

2151146-2

REVISION

C

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

PNEUMATIC

PART
NUMBER

2151146-5

REVISION

C

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

SERVO
LATCH PLATE⁴

PART
NUMBER

2151146-6

REVISION

C

DESCRIPTION

NON-CRIMP HEIGHT ADJUST

FEED TYPE

SERVO
LATCH PLATE⁴

PART
NUMBER

2151146-7

REVISION

C

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

NONE

PART
NUMBER

7-2151146-7

REVISION

A

DESCRIPTION

CRIMP TOOLING KIT

FEED TYPE

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

4.57 mm [.180]

F

INSUL

10.92 mm [.430]

O

APPLICATOR INSTRUCTIONS

408-10389

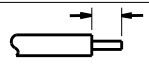


TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: MAXI-POWER TIMER CONTACT

WIRE STRIP LENGTH



INSULATION DIAMETER RANGE

10.10-10.90 mm [.398-.429 IN]

Ø 10.00mm MAX [.394 IN MAX]

TERMINAL APPLICATION SPECIFICATION

114-18075

-

-

TERMINALS APPLIED¹⁰

TE TERMINAL

TE TERMINAL

TE SEAL

TE SEAL

962936-1

2-962936-1

1355437-1

WIRE SIZE





CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING



6.00mm2

3.08+/-0.05 [.121+/- .002]

2.3

4.00mm2

2.74+/-0.05 [.108+/- .002]

5.9

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:
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151146-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151146-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151146-6

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

TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED.

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 A NON CRIMP HEIGHT ADJUST APPLICATOR (-6) USE SHIMS FROM ITEM 260 TO ACHIEVE A NOMINAL SHIM HEIGHT OF 3.23.

13

THIS APPLICATOR APPLIES TERMINAL WITH A SEAL.

14

APPLY TORQ-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.

15

CUT TO LENGTH AT ASSEMBLY.

16

RELOCATE ITEM 19 TO BACK OF APPLICATOR.

-	-	1	-	-	2119957-2	APPLICATOR SHIM PACK	260
-	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	2119798-1	DETENT PIN	247
-	1	-	1	1	1-22279-3	SPRING, COMPRESSION	246
-	-	1	-	-	2161314-1	RAM, STEPPED, ATLANTIC, SF, NON-ADJ	245
-	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	2	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240
-	-	-	-	1	2063440-2	AIR FEED MODULE	238
-	-	1	1	-	2119740-2	TAG, IDENTIFICATION	213
-	-	1	1	-	1901094-3	SPACER, FEEDER	198
-77	-7	-6	-5	-2	PART NO	DESCRIPTION	ITEM NO

6

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 2119599-1	LOC A	DIST 66	REVISIONS			
			P	LTR	DESCRIPTION	DATE
			A	RELEASED	18FEB2013	LG
			B	ECR-13-006124	10APR2013	XZ
			C	ECR-15-014902	12OCT2015	JH

-	-	-	-	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	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	-	-	1	2119799-1	HOLDER, FEED FINGER, AF	136
-	-	REF	REF	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	1	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	1	1-455888-4	SPACER, CRIMPER	120
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	-	REF	REF	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	1-22281-8	SPRING, COMPRESSION	101
-	1	1	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	100
-	2	2	2	2	2-18032-5	SCR, SET, FLT POINT M5 X 20.0	99
-	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
-	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	85
-	1	1	1	1	455888-3	SPACER, CRIMPER	83
-	1	1	1	1	2-455888-8	SPACER, CRIMPER	82
-	1	1	1	1	2119791-9	DEPRESSOR, WIRE	72
-	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	1	1	1	1	1803075-1	EXTENSION PLATE	70
-	1	1	1	1	2119943-1	WASHER, SPACER	69
-	1	-	-	1	2119740-1	TAG, IDENTIFICATION	67
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	-	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT	63
-	3	-	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62
-	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	1	1	1	1-2168083-3	SCR, SKT HD CAP, RoHS, M3 X 16	57
-	-	-	-	1	1-1338683-1	FEED PAWL	56
-	4	4	4	4	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	54
-	2	2	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	53
-	1	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	1	1	1-811242-0	BUMPER, HOLD DOWN	51
-	1	1	1	1	690753-2	SPACER, TONKER	50
-	-	-	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	1	1	1	1	1-2119656-7	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	-	1	1	2161311-1	RAM, STEPPED, AMP STYLE, SIDE FEED	44
-	1	1	1	1	1-2079383-5	SCR, BHSC, RoHS (M8 X 40)	41
-	1	-	1	1	2119645-1	DISC, NUMBERED FA WIRE ADJUSTMENT	40
-	1	-	1	1	2119957-1	APPLICATOR SHIM PACK	39
-	1	1	1	1	2119644-2	RAM WASHER, PRECISION	38
-	1	1	1	1	2119085-1	FA HEAD, ATLANTIC STYLE	37
-	1	-	1	1	2119092-1	BOLT, ADJUSTMENT	35
-	1	1	1	1	1-1752356-2	SUPPORT, TERMINAL	34
-	2	2	2	2	1-2079383-3	SCR, BHSC, RoHS (M4 X 25)	33
-	1	1	1	1	2161328-1	HEX HEAD, FLANGED, M5 x 8mm LONG	32
-	1	1	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	31
-	1	1	1	1	1-1320908-8	SPACER, STRIP GUIDE	30
-	1	1	1	1	1901086-9	PLATE, STRIP GUIDE	29
-	1	1	1	1	1-455888-0	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	2-1320928-2	STRIP GUIDE	24
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	2	2	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	1803013-1	STRIPPER, SIDE FEED	19
-	1	1	1	1	2-690438-2	FRONT STRIP GUIDE	18
-	2	2	2	2	2079383-4	SCR, BHSC, RoHS (M4 X 8)	15
-	1	1	1	1	1633782-2	FENCE	14
-	1	1	1	1	4-22280-7	SPRING, COMPRESSION	12
-	1	1	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	1	1	2119805-7	SHEAR HOLDER, FRONT	10
-	1	1	1	1	318059-9	FLOATING SHEAR, FRONT	9
1	1	1	1	1	1633930-3	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	1803080-4	DEPRESSOR, SHEAR	5
-	1	1	1	1	5-238011-4	BLOCK, CRIMPER SPACER	4
1	1	1	1	1	1-1633965-7	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	1-455888-2	SPACER, CRIMPER	2
1	1	1	1	1	3-1752057-5	CRIMPER, WIRE PREMIUM, STEPPED	1
-77	-7	-6	-5	-2	PART NO	DESCRIPTION	ITEM NO

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OWN

13JUL2011

CHK

13JUL2011

S.XI

13JUL2011

APVD

13JUL2011

DIMENSIONS:

mm



0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.5

±0.13

±0.013

±0.0001

±

TOLERANCES UNLESS OTHERWISE SPECIFIED:

1. CRUZ

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

Customer Accessible Production Drawing

NAME

Ocean Side Feed Applicator

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

©=2151146

1:2

1

4

REV

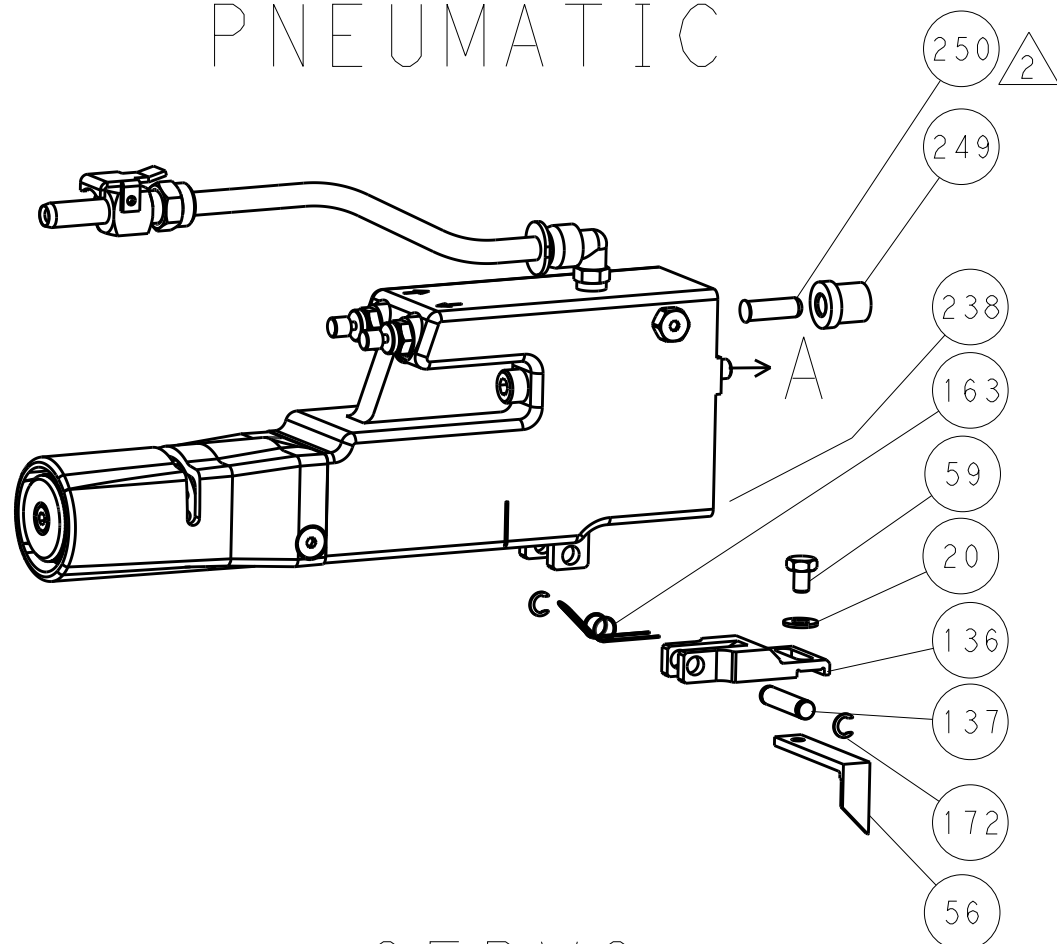
C

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

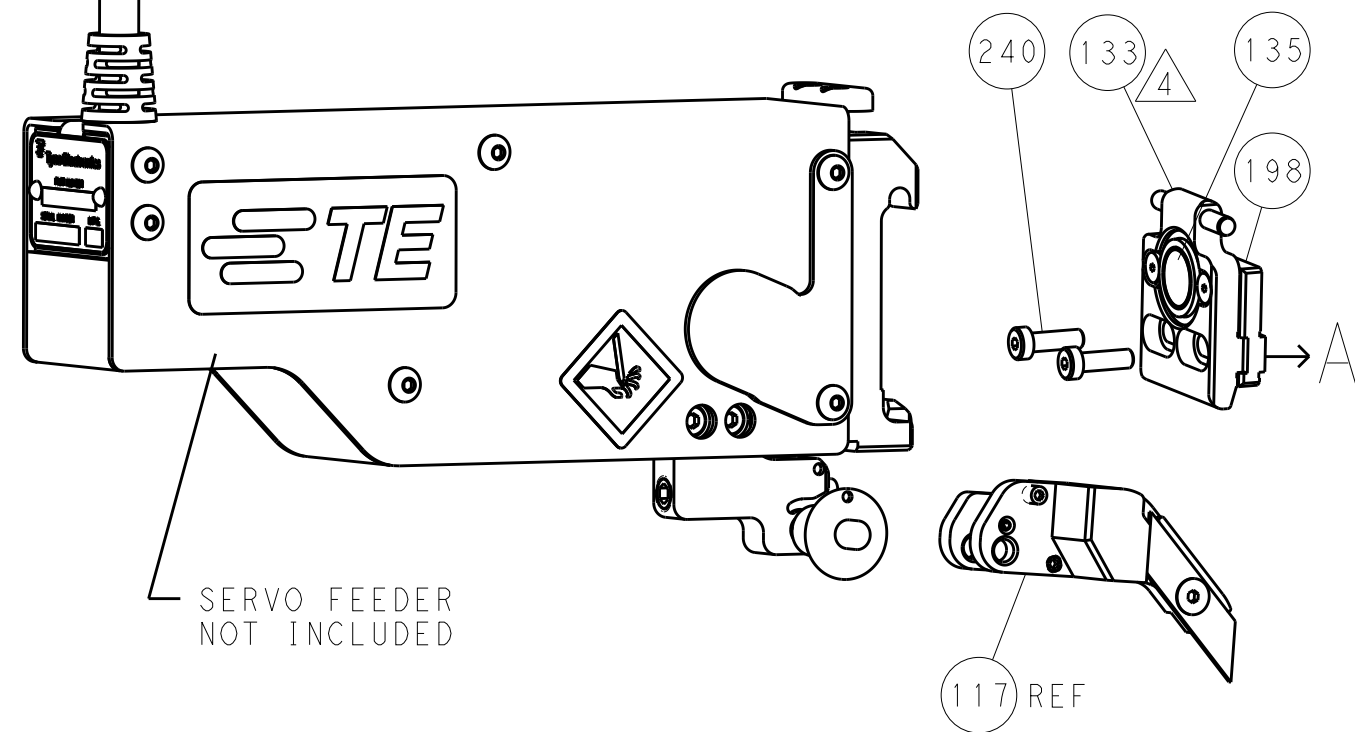
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		P	LTR	DESCRIPTION	DATE	DWN	APVD
A	66	-	-	SEE SHEET 1	-	-	-

FEED TYPE

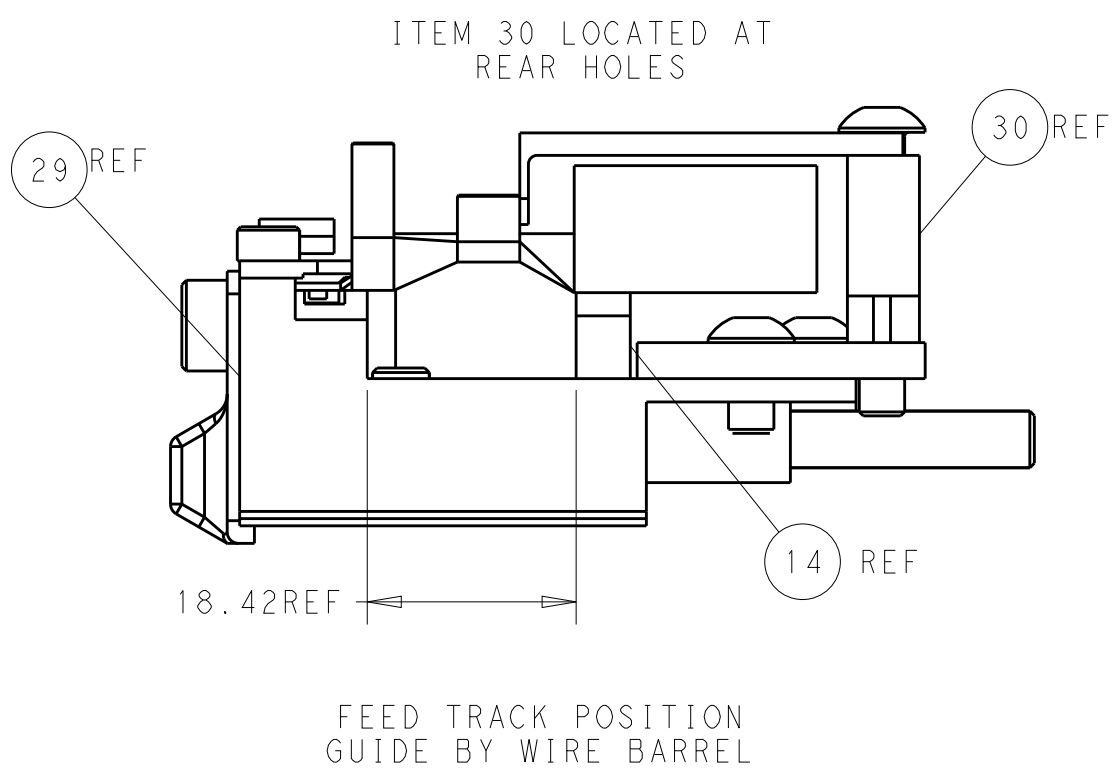
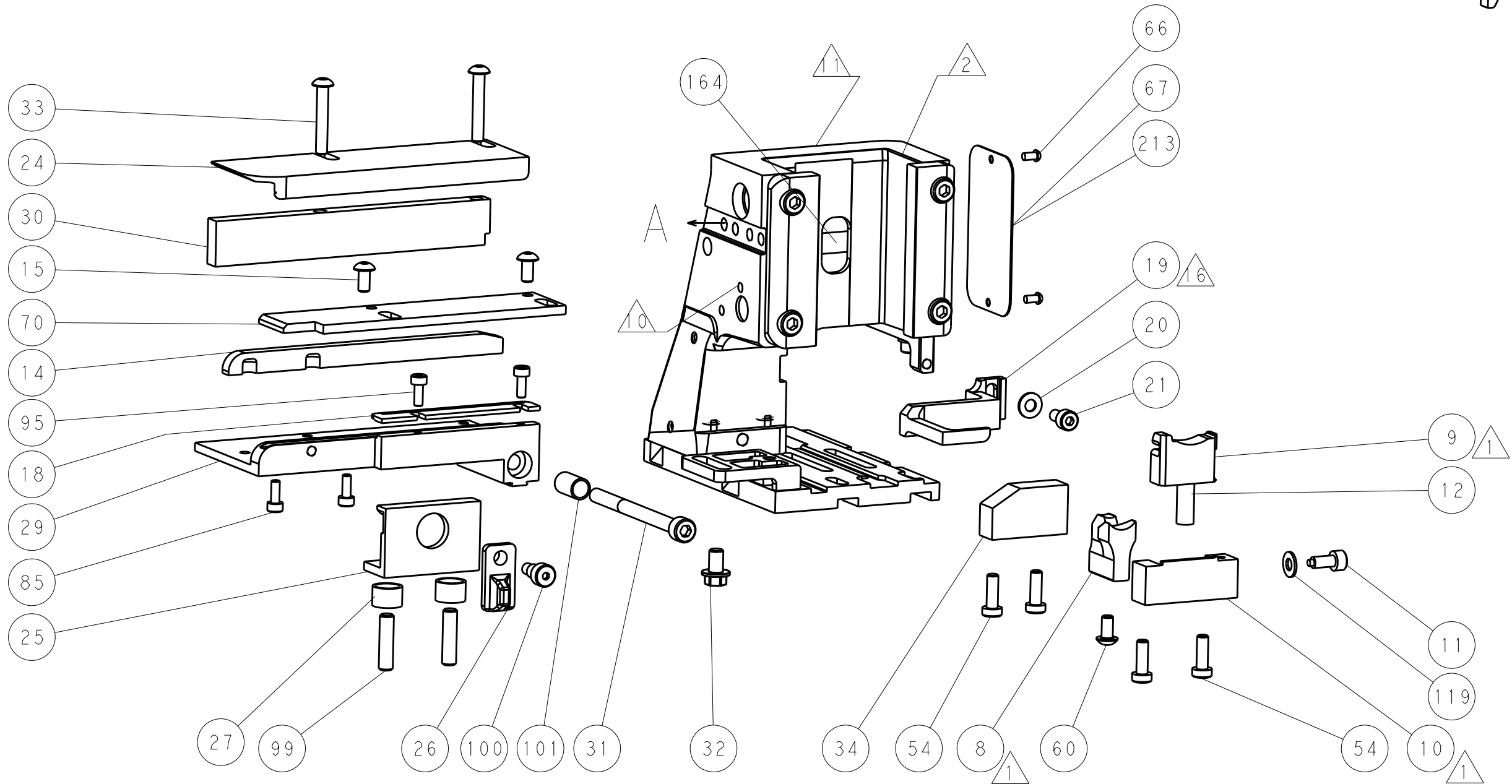
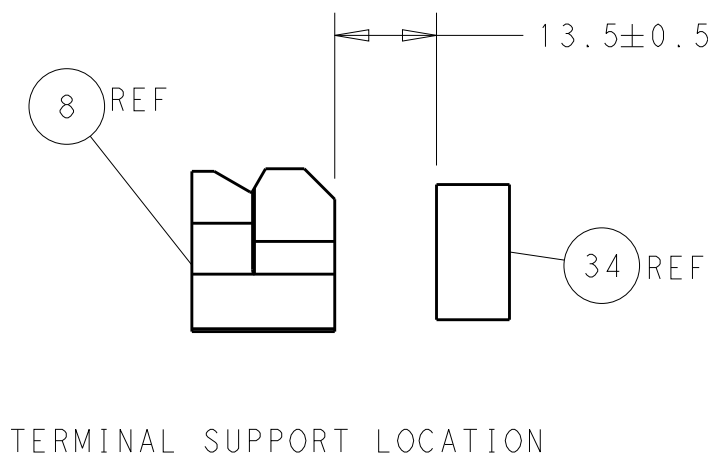
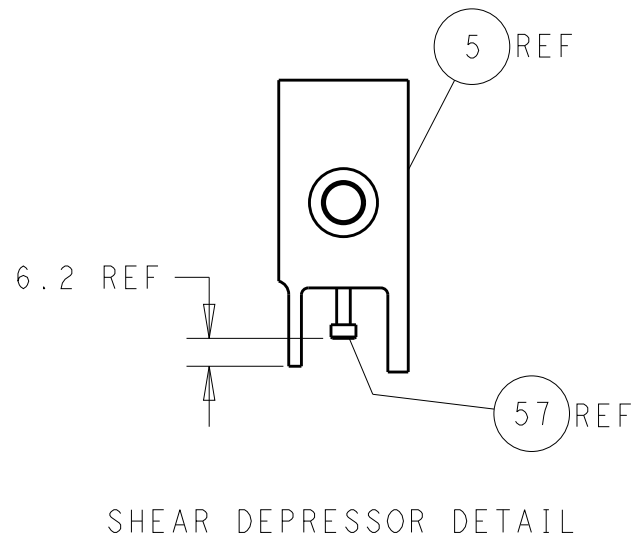
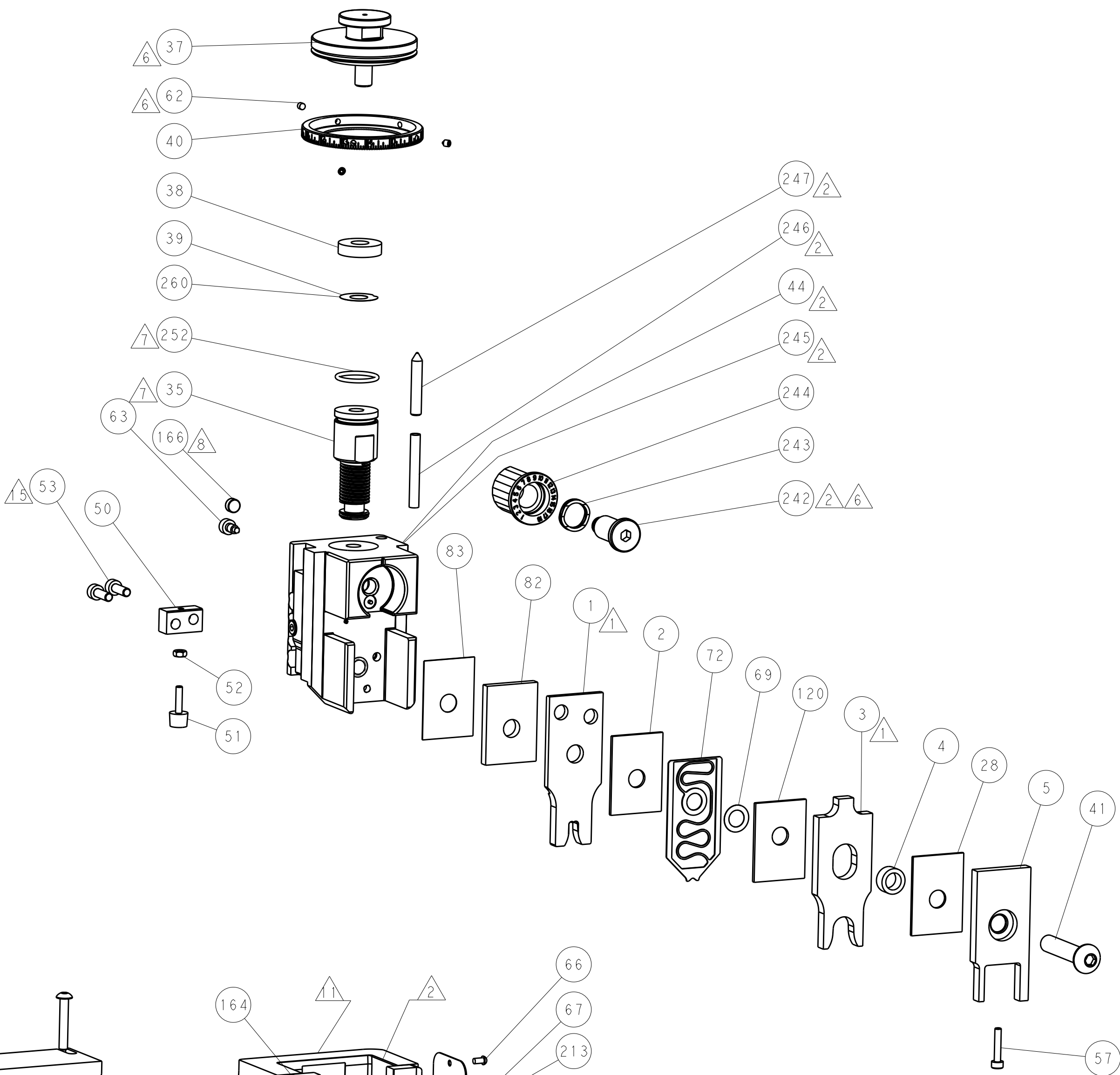
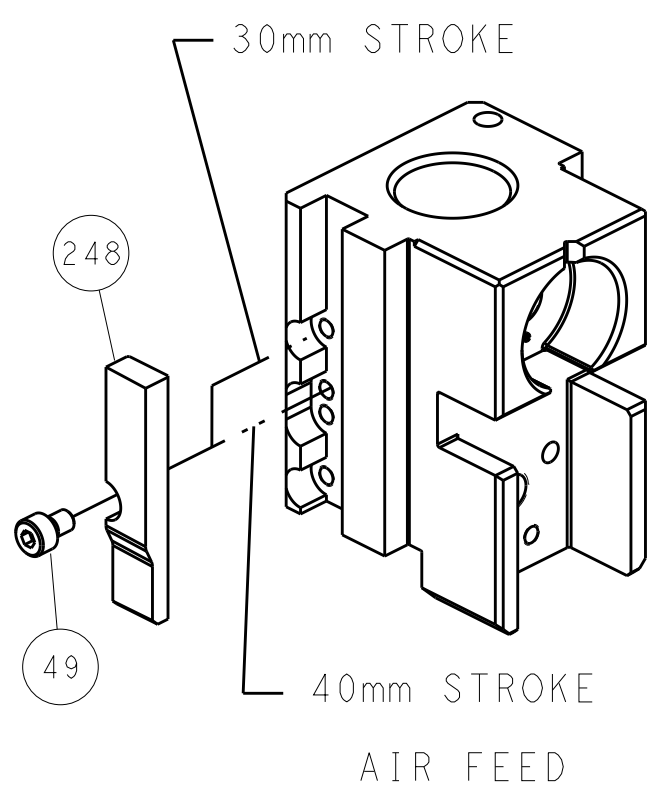
PNEUMATIC



SERVO
LATCH PLATE



CAM POSITION



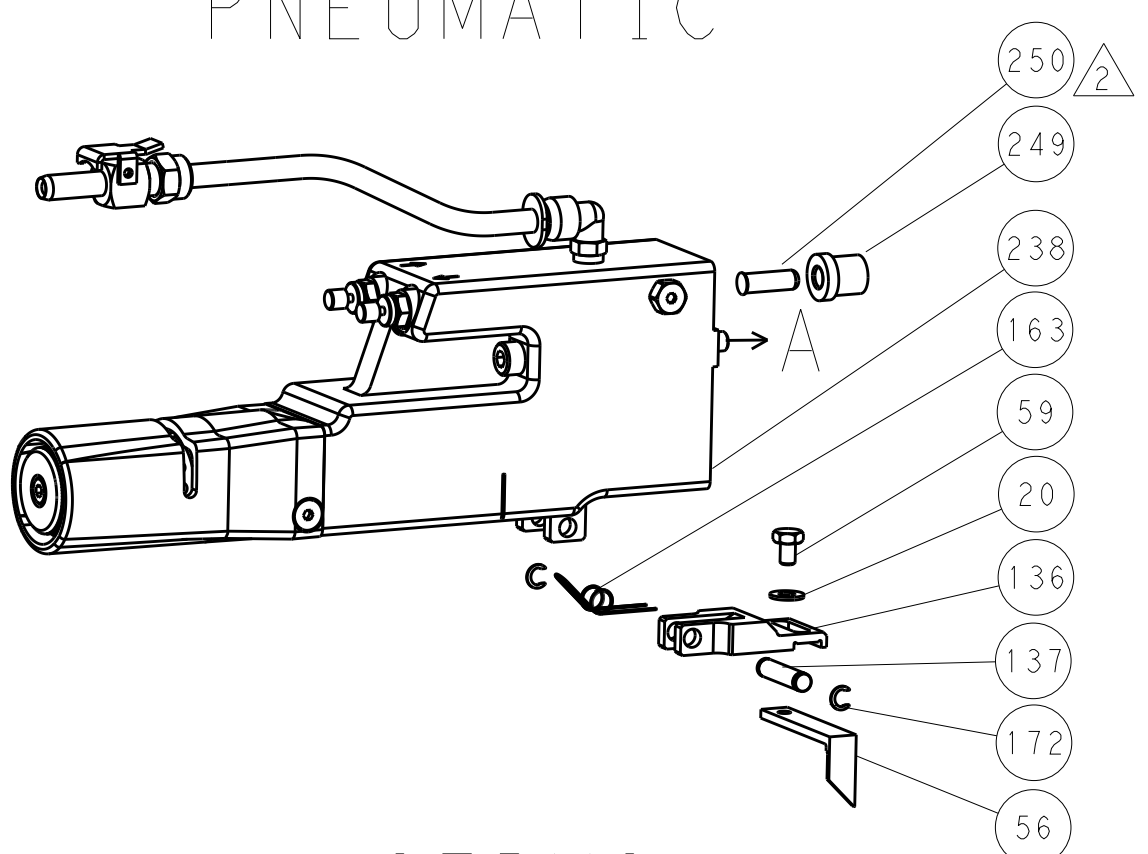
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN C. CHEN 13JUL2011	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK S. XI 13JUL2011	NAME Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.13 4 PLC ±0.0001 ANGLES ±.1		APVD J. CRUZ 13JUL2011	SIZE A1	
MATERIAL -		FINISH -	CAGE CODE 00779	
		WEIGHT -	DRAWING NO 2151146	
		Customer Accessible Production Drawing		RESTRICTED TO -
		SCALE 1:2		REV C
		SHEET 2		OF 4

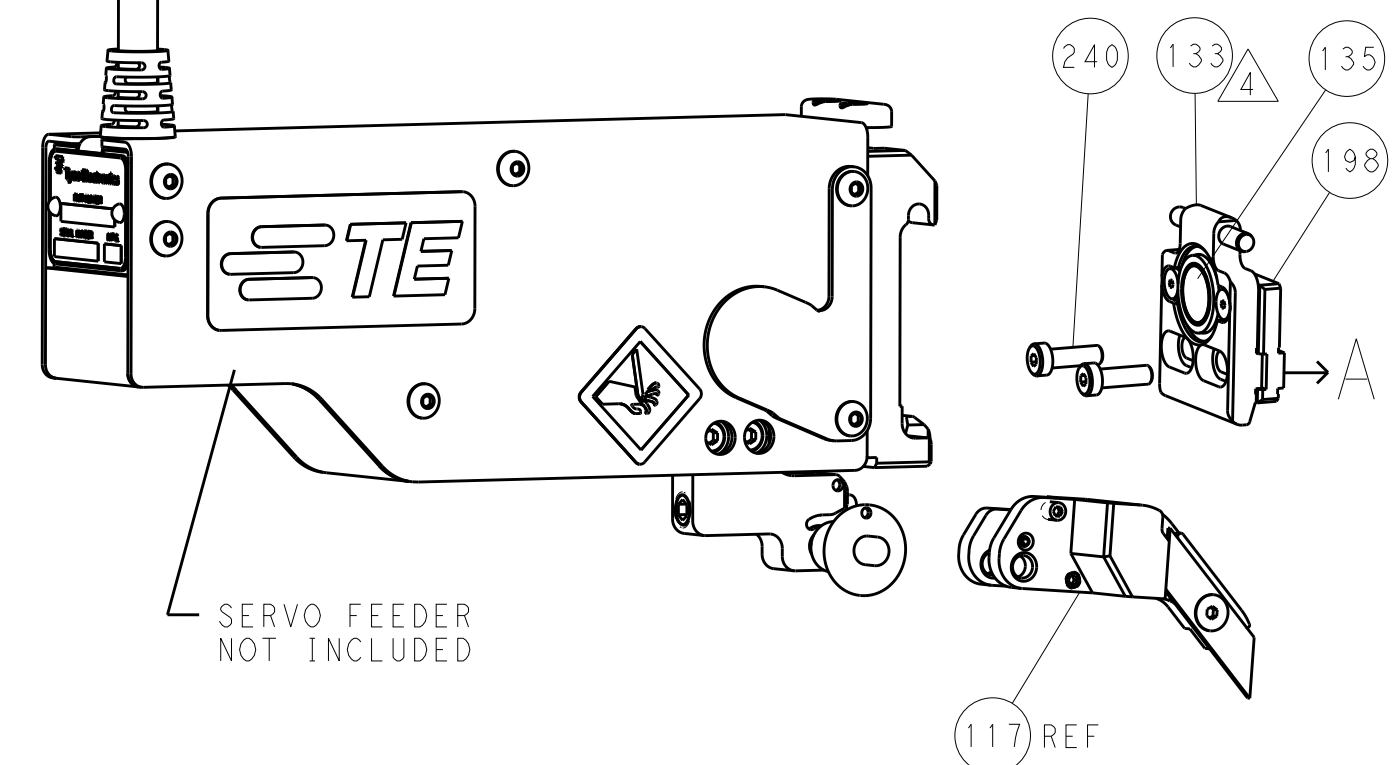
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

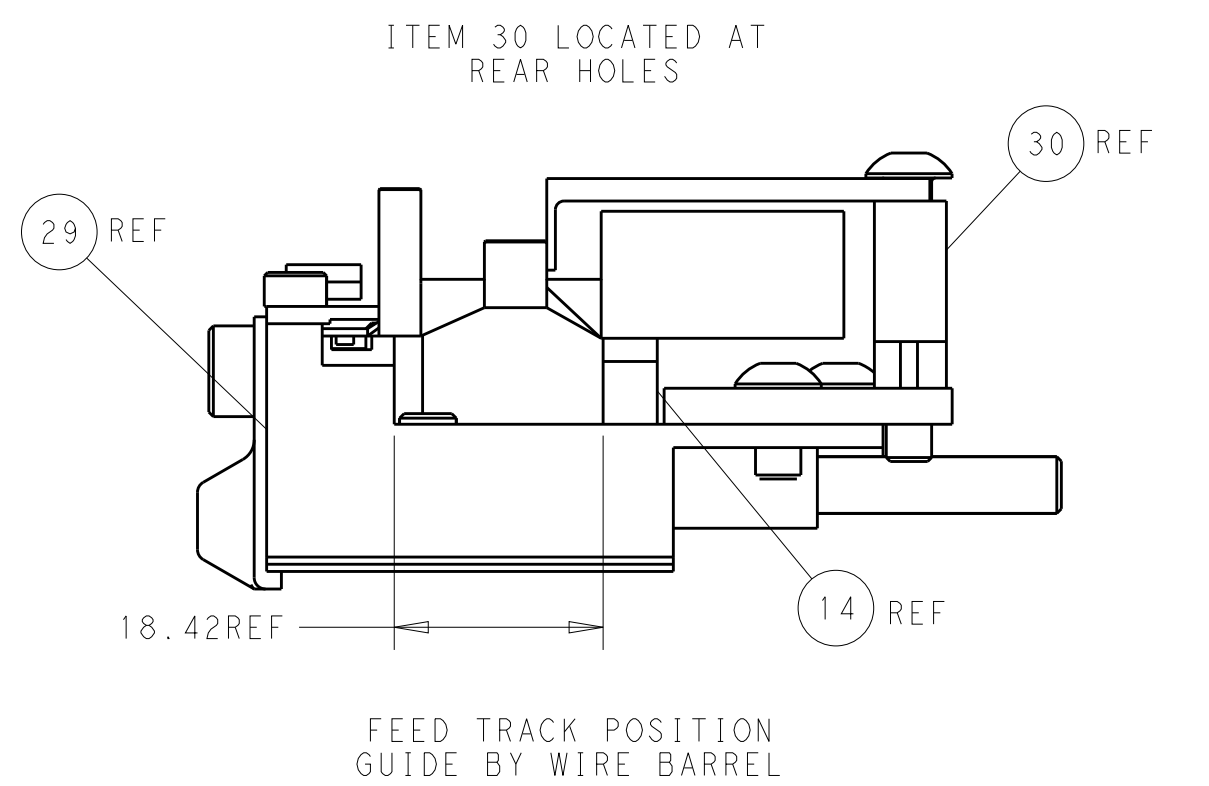
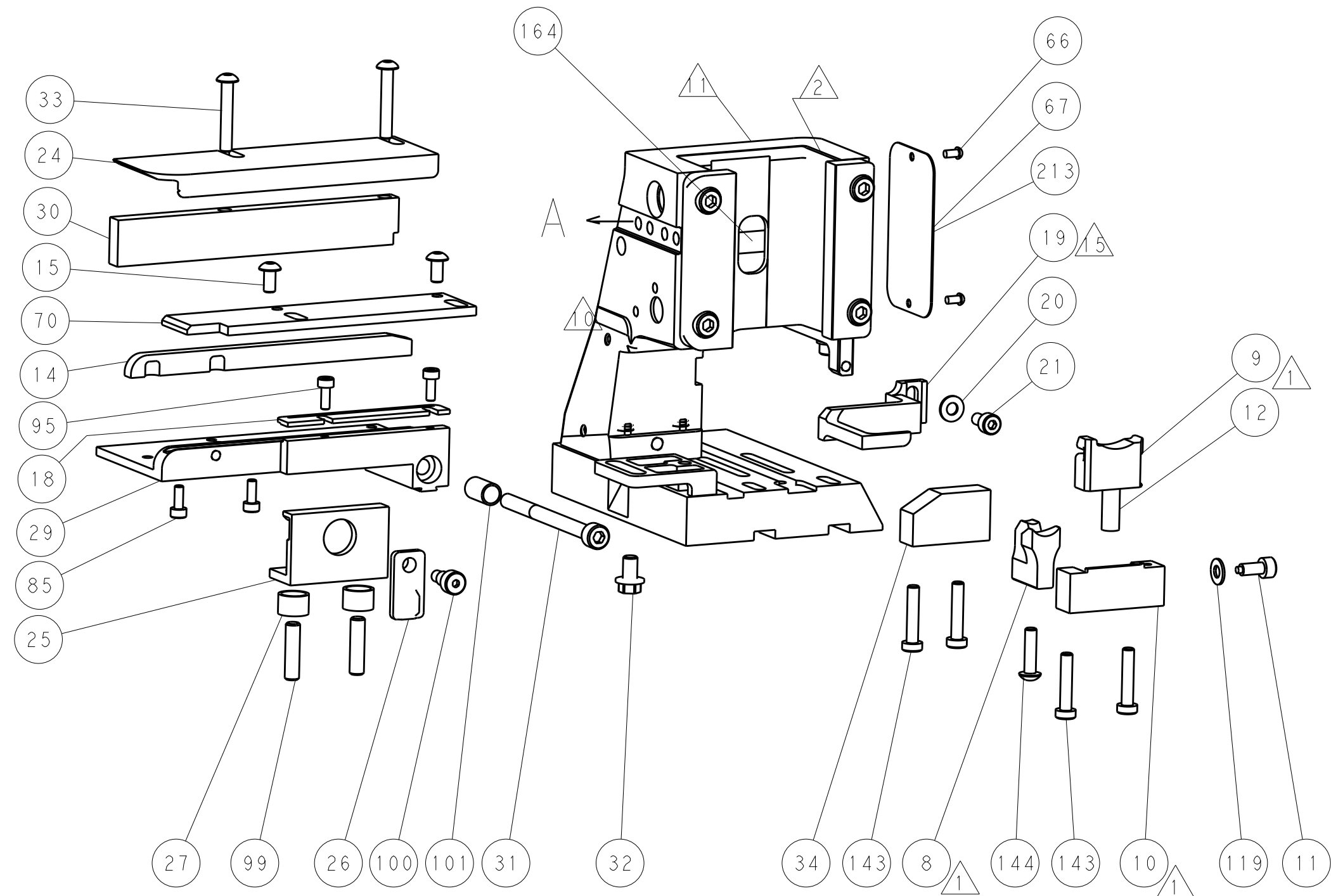
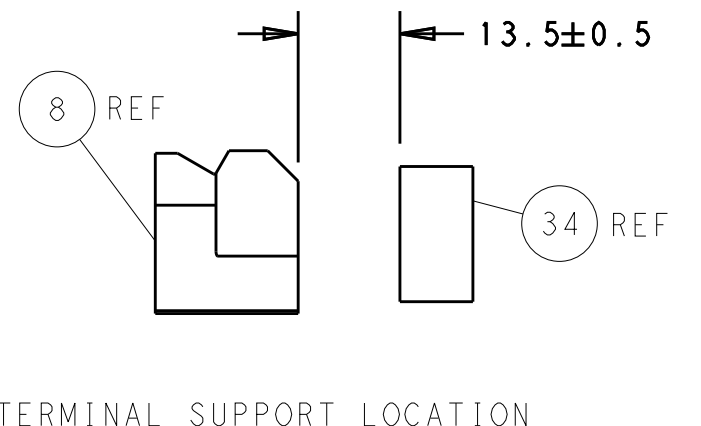
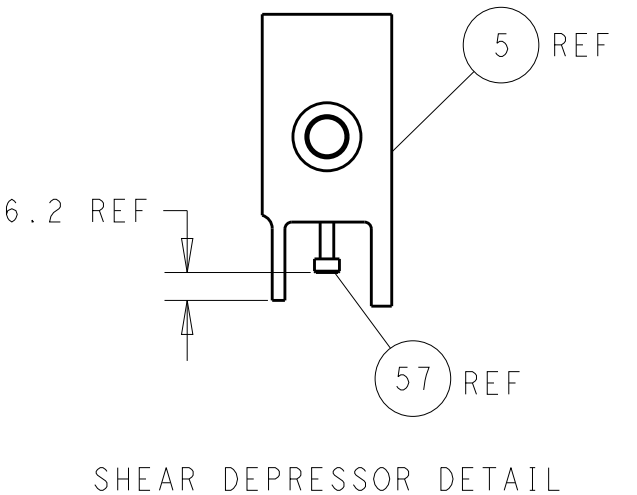
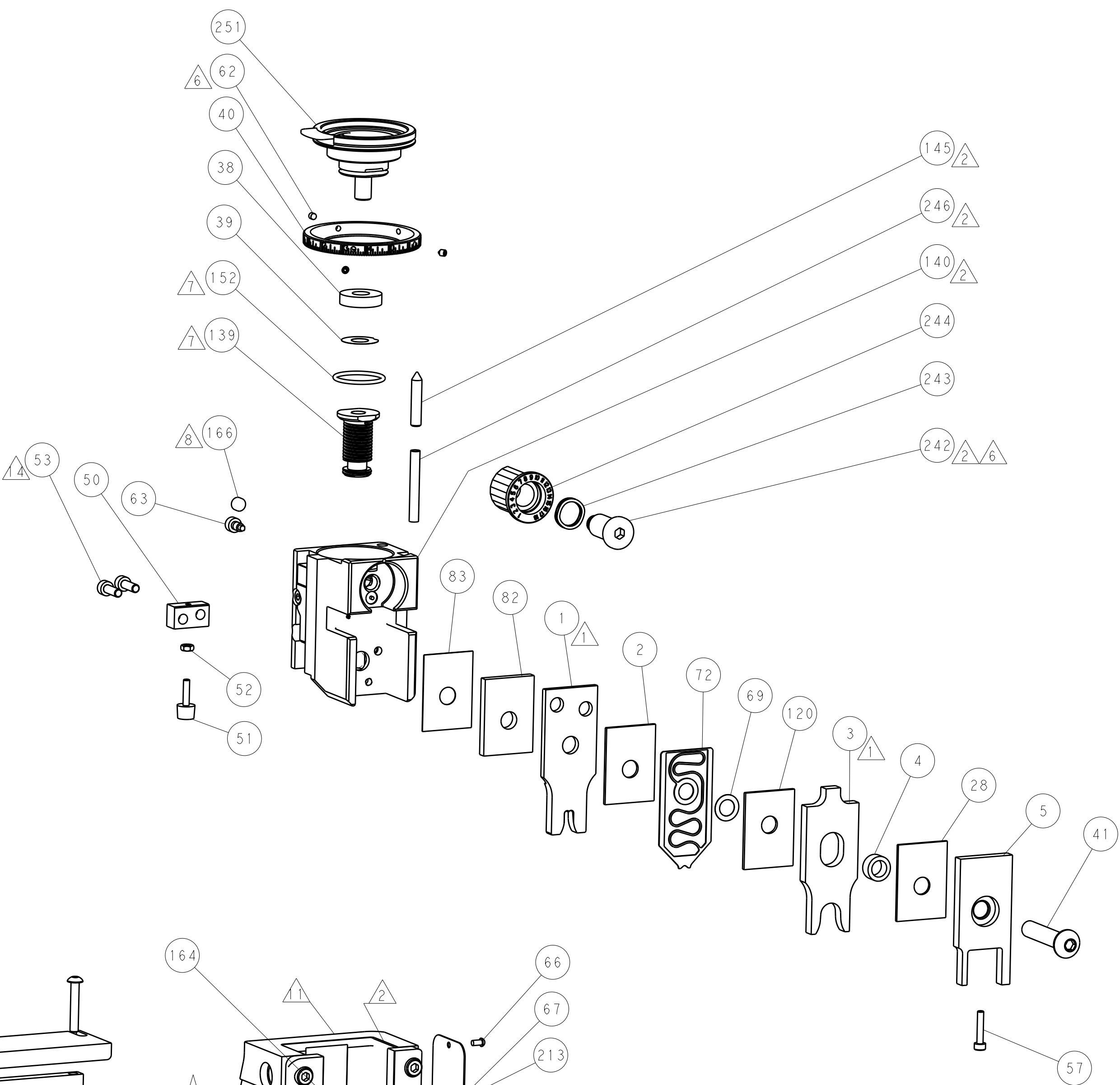
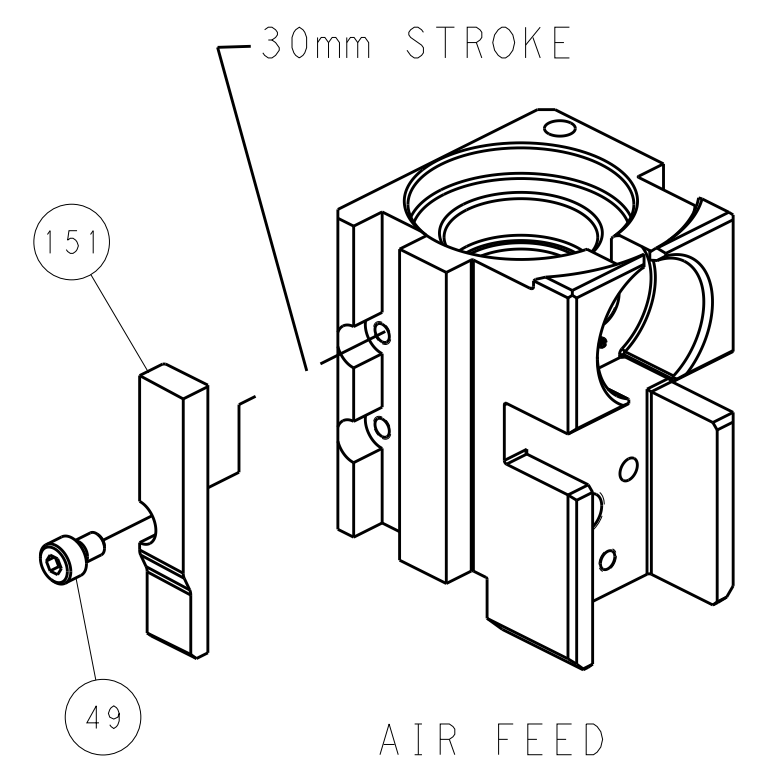
FEED TYPE
PNEUMATIC



SERVO
LATCH PLATE



CAM POSITION



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 UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LATEST REVISIONS. TYCO ELECTRONICS CORPORATION				DWN C. CHEN 13JUL2011	TE Connectivity Harrisburg, PA 17105-3608	
				CHK S. XI 13JUL2011		
				APVD J. CRUZ 13JUL2011	NAME Ocean Side Feed Applicator	
DIMENSIONS: mm				PRODUCT SPEC	SIZE A1	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.13 3 PLC ±.013 4 PLC ±.0001 ANGLES ±.1				APPLICATION SPEC	CAGE CODE 00779	
MATERIAL				FINISH	DRAWING NO C-2151146	
				WEIGHT	RESTRICTED TO	
				Customer Accessible Production Drawing	SCALE 1:2	
					SHEET 4	
					OF 4	
					REV C	