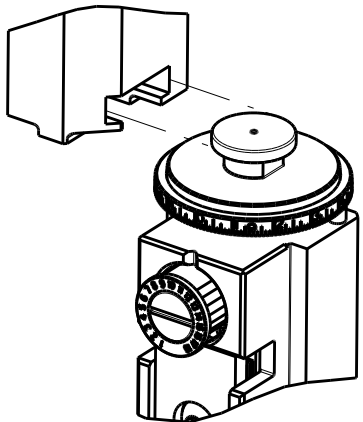
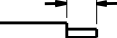


8		7	
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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION
	2151169-1	C	FINE CRIMP HEIGHT ADJUST
	2151169-2	C	FINE CRIMP HEIGHT ADJUST
	2151169-5	C	FINE CRIMP HEIGHT ADJUST
	2151169-6	C	NON-CRIMP HEIGHT ADJUST
	2151169-7	C	FINE CRIMP HEIGHT ADJUST
	7-2151169-7	A	CRIMP TOOLING KIT

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.78 mm [.070]	F
INSUL	1.78 mm [.070]	F
APPLICATOR INSTRUCTIONS 408-10389		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .040 II RECEPTACLE CONTACT			
WIRE STRIP LENGTH 		INSULATION DIAMETER RANGE	
4.00-4.50 mm [.157-.177 IN]		Ø1.10-2.10 mm [.043-.083 IN]	
TERMINAL APPLICATION SPECIFICATION 	(A)114-5159	-	-
	(B)114-5197	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 175265-1	(A) 175266-2	(A) 175266-5	(A) 175266-7
(B) 179963-1	(B) 179964-2	(A) 1456598-1	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.85mm2	1.17+/-0.05 [.046+/- .002]	6.2
0.50mm2	1.03+/-0.05 [.041+/- .002]	7.4
0.30mm2	0.94+/-0.05 [.037+/- .002]	8.4



- 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: 8-2151169-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151169-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151169-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151169-6
- 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 62 & 180. 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

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

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: .040 II RECEPTACLE CONTACT			
WIRE STRIP LENGTH 4.00-4.50 mm [.157-.177 IN]			INSULATION DIAMETER RANGE Ø1.10-2.10 mm [.043-.083 IN]
TERMINAL APPLICATION SPECIFICATION 		-	-
		-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
175265-1			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.75mm2	1.05+/-0.05 [.041+/- .002]	7.2

- 14

THIS CRIMP PARAMETER IS PROVIDED TO MEET A CUSTOM AND UNIQUE CUSTOMER REQUIREMENT. IT HAS BEEN EVALUATED AND IS CONDITIONALLY SPECIFIED BY TE CONNECTIVITY. THIS CUSTOMIZED CRIMP PARAMETER IS NOT LISTED AS AN APPROVED APPLICATION WITHIN A TE CONNECTIVITY APPLICATION SPECIFICATION; HOWEVER, IT HAS BEEN VALIDATED ACCORDING TO TE CONNECTIVITY SPECIFICATIONS 109-18079(TEST GROUP 1) AND 114-18022. **TE CONNECTIVITY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES THAT THE PRODUCT WILL PERFORM SIMILARLY TO VALIDATED AND APPROVED APPLICATIONS, AS STATED WITHIN TE CONNECTIVITY APPLICATION SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.** AS SUCH, IT IS HIGHLY RECOMMENDED THAT THE CUSTOMER PERFORM FURTHER DETAILED EVALUATION TO ASSESS PRODUCT PERFORMANCE IN THE SPECIFIC APPLICATION.

12	-	-	1	-	-	-	2119957-2	APPLICATOR SHIM PACK	260
7	-	1	-	1	1	1	8-21084-0	O-RING, .676 ID, .070 DIA. MAT.	252
	-	-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	-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)

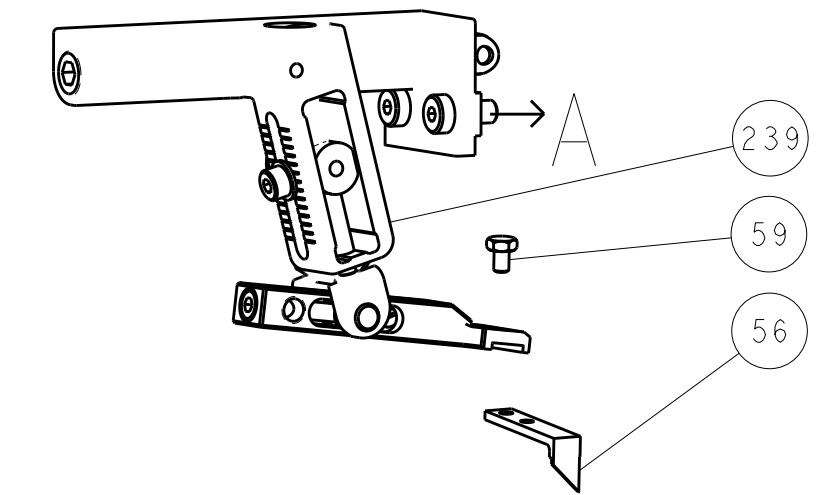
SET UP GAUGE 2119599-1		LOC A	DIST 66	REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	C	ECR-16-009498		30JUN2016	MR	GB	
	C1	ECR-16-012647		05SEP2016	KH	JDG	

-	-	-	-	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	-	-	-	2119758-1	RAM, AMP STYLE, SIDE FEED, NON-ADJ.	245
-	1	1	1	1	1	2119082-8	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
-	1	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	2	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	-	-	2119740-2	TAG,IDENTIFICATION	213
-	-	1	1	-	-	1901094-3	SPACER, FEEDER	198
-	1	1	1	1	1	1-1752354-7	STANDOFF,HOLD-DOWN	180
-	1	1	1	1	1	9931111-1	PIN, SLOTTED SPRING 3.0 X 20.0	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
-	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
-	-	-	-	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
-	-	REF	REF	-	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	1	1	1	1	1	2119791-5	DEPRESSOR, WIRE	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	2119791-9	DEPRESSOR, WIRE	65
-	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	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	2119644-1	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
-	1	1	1	1	1	1752356-1	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
-	1	1	1	1	1	1-1320908-0	SPACER, STRIP GUIDE	30
-	1	1	1	1	1	2119959-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1	1320928-2	STRIP GUIDE	24
-	1	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	1	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	1	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	1	1803095-3	FLOATING SHEAR, FRONT	9
1	1	1	1	1	1	8-1333203-5	ANVIL, COMBINATION	8
-	1	1	1	1	1	2119757-3	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	238011-7	BLOCK, CRIMPER SPACER	4
1	1	1	1	1	1	2-1803017-2	CRIMPER, INSULATION F	3
-	1	1	1	1	1	455888-4	SPACER, CRIMPER	2
1	1	1	1	1	1	3-456404-5	CRIMPER, WIRE PREMIUM	1
-77	-7	-6	-5	-2	-1	PART NO	DESCRIPTION	ITEM NO

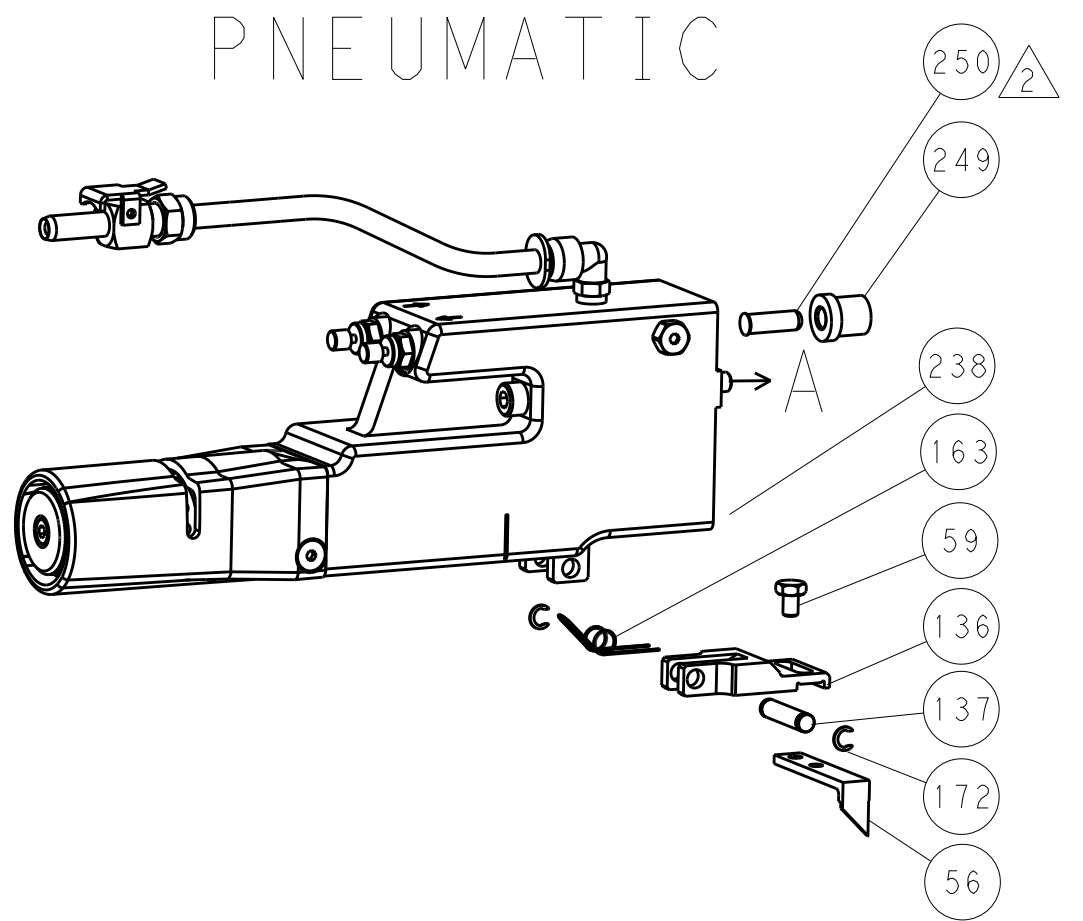
THIS DRAWING IS CONTAINED HEREIN FOR INFORMATION PURPOSES ONLY. THE CUSTOMER'S ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST NOTATION				DWN 05AUG2011	 TE Connectivity Harrisburg, PA 17105-3608			
				CHK 05AUG2011				
DIMENSIONS:				S.XI 05AUG2011	NAME			
mm				1 CRUZ 05AUG2011	Ocean Side Feed Applicator			
				PRODUCT SPEC				SIZE CASE CODE DRAWING NO RESTRICTED TO
				APPLICATION SPEC				
				FINISH				
				MATERIAL				
				WEIGHT				A1 00779 ©=2151169
				Customer Accessible Production Drawing				
				SCALE 1:2				SHEET 1 OF 4
				REV C1				

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

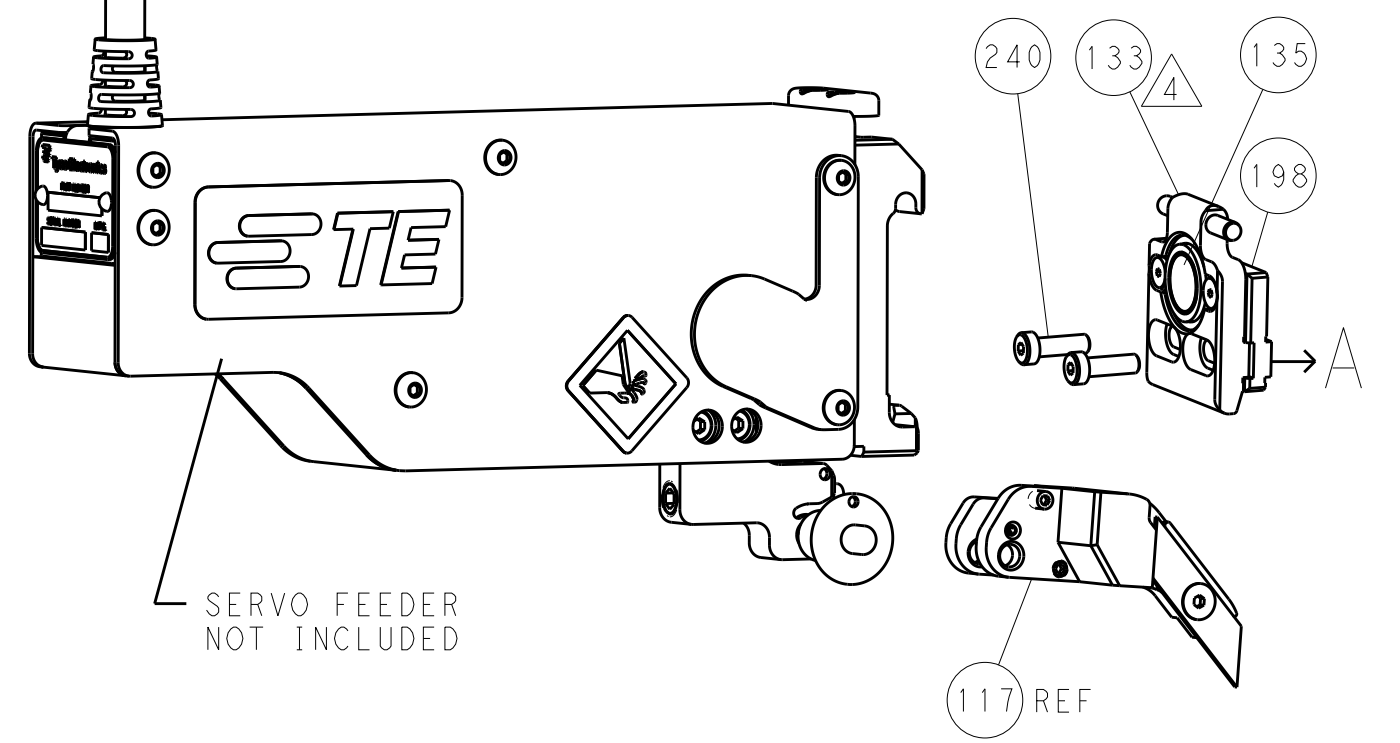
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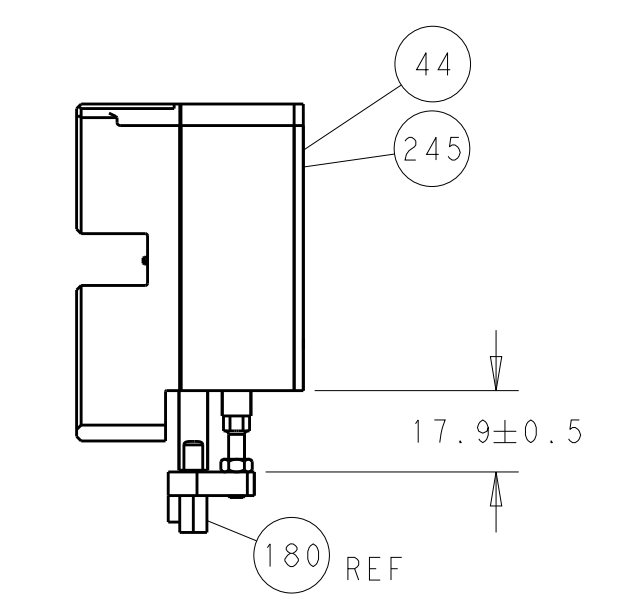
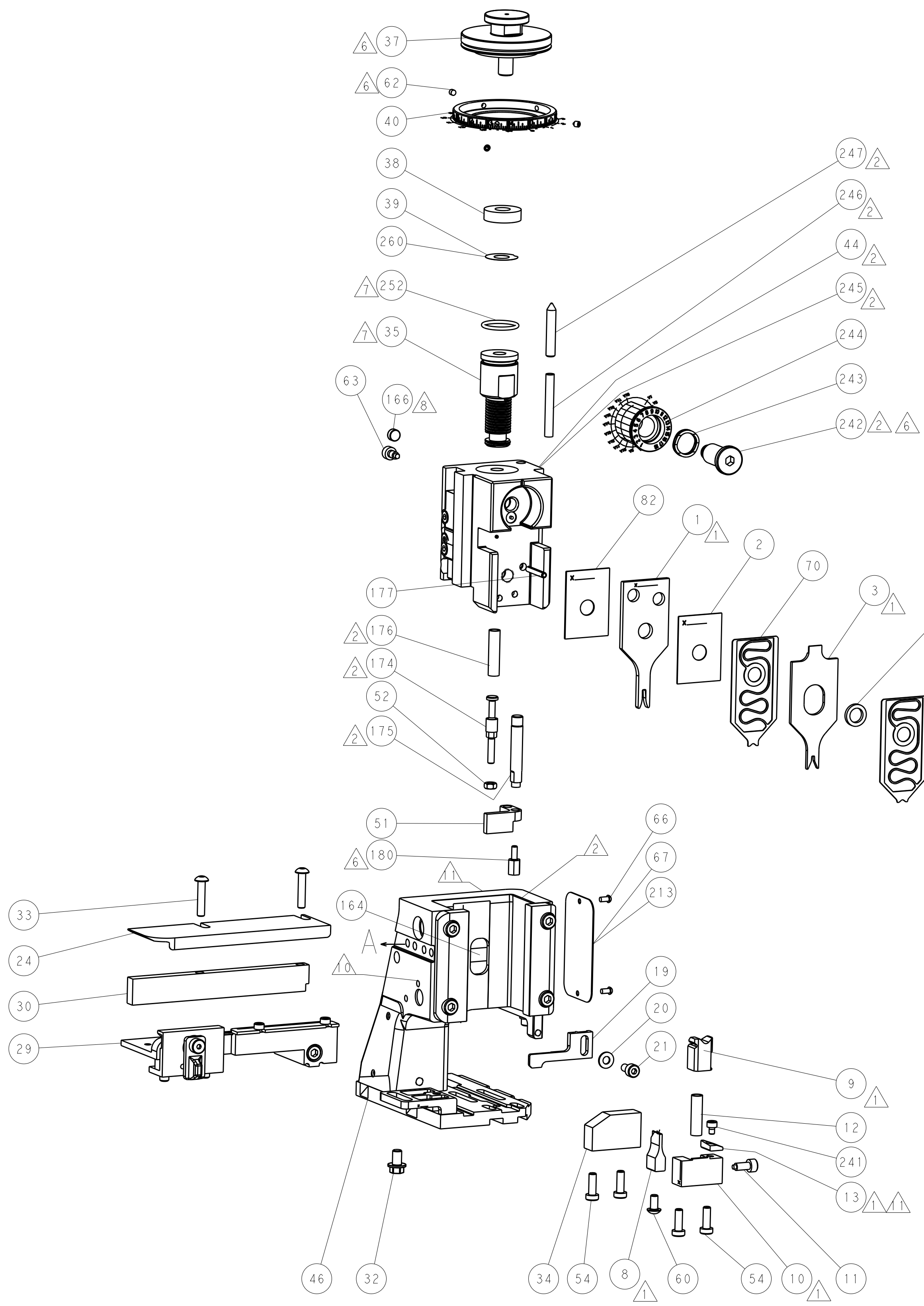
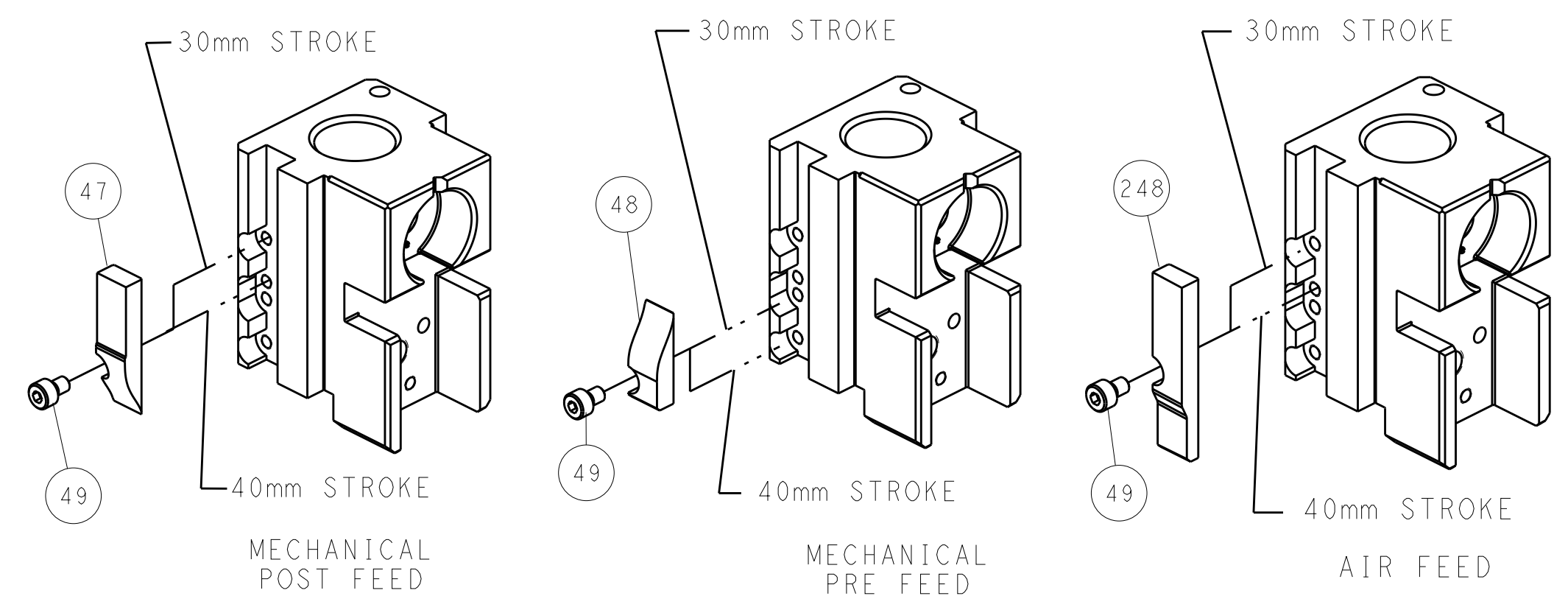
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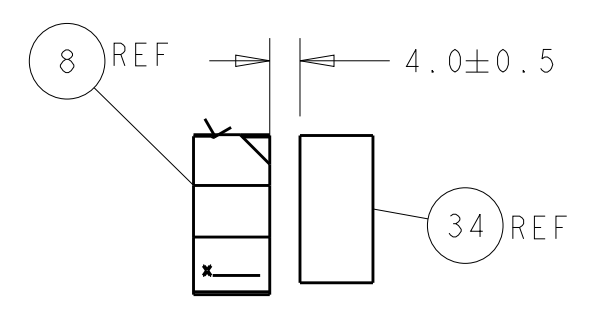
SERVO LATCH PLATE



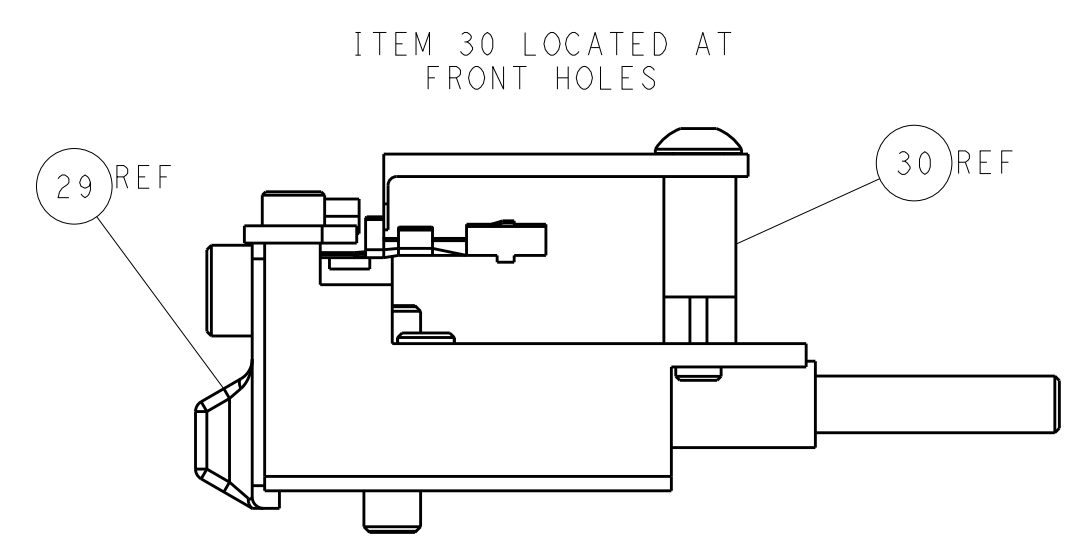
CAM POSITIONS



HOLDDOWN SET-UP



TERMINAL SUPPORT LOCATION



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN 05AUG2011		CHK S.XI		APVD J. CRUZ		05AUG2011		NAME		TE Connectivity		Harrisburg, PA 17105-3608	
mm		0 PLC ±		1 PLC ±		2 PLC ±		3 PLC ±		4 PLC ±		PRODUCT SPEC		APPLICATION SPEC		SIZE	
MATERIAL		FINISH		WEIGHT		Customer Accessible Production Drawing		SCALE		1:2		SHEET		2 of 4		REV	

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

D

C

B

A

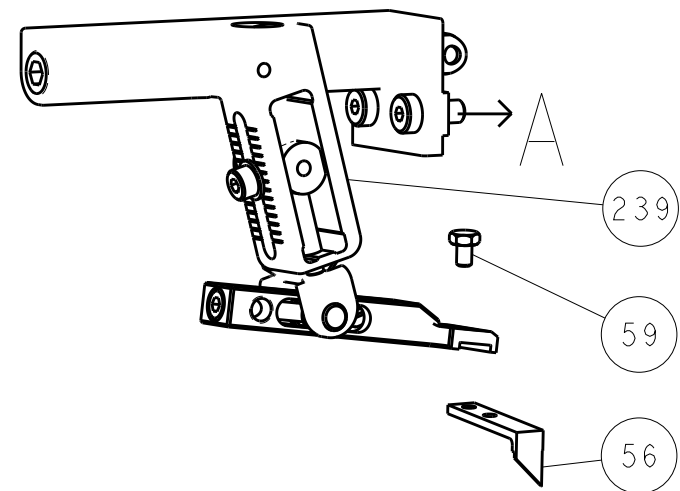
D

C

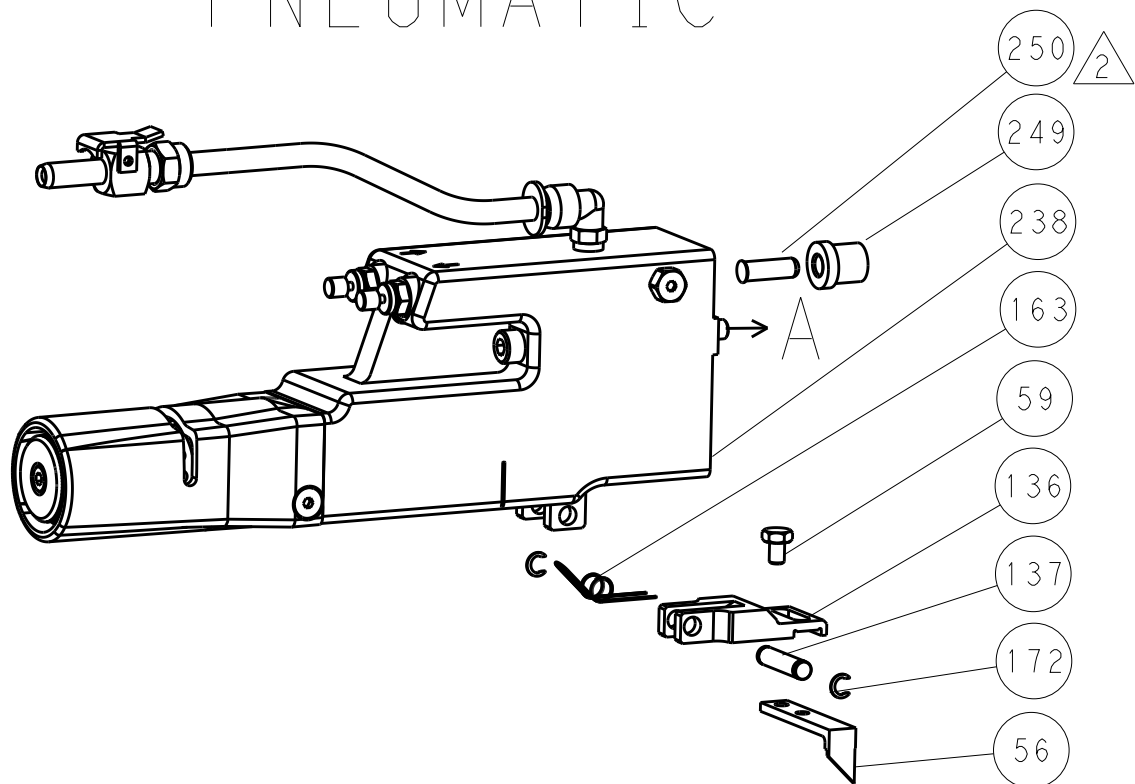
B

A

FEED TYPE MECHANICAL



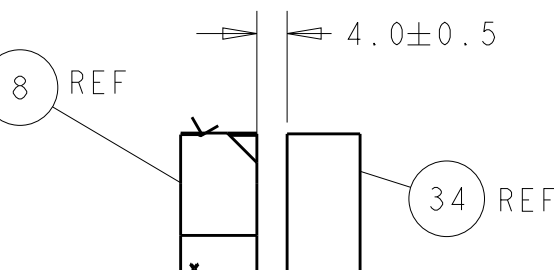
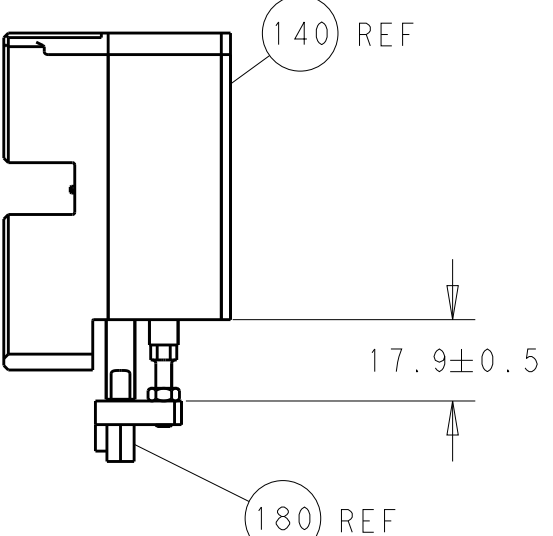
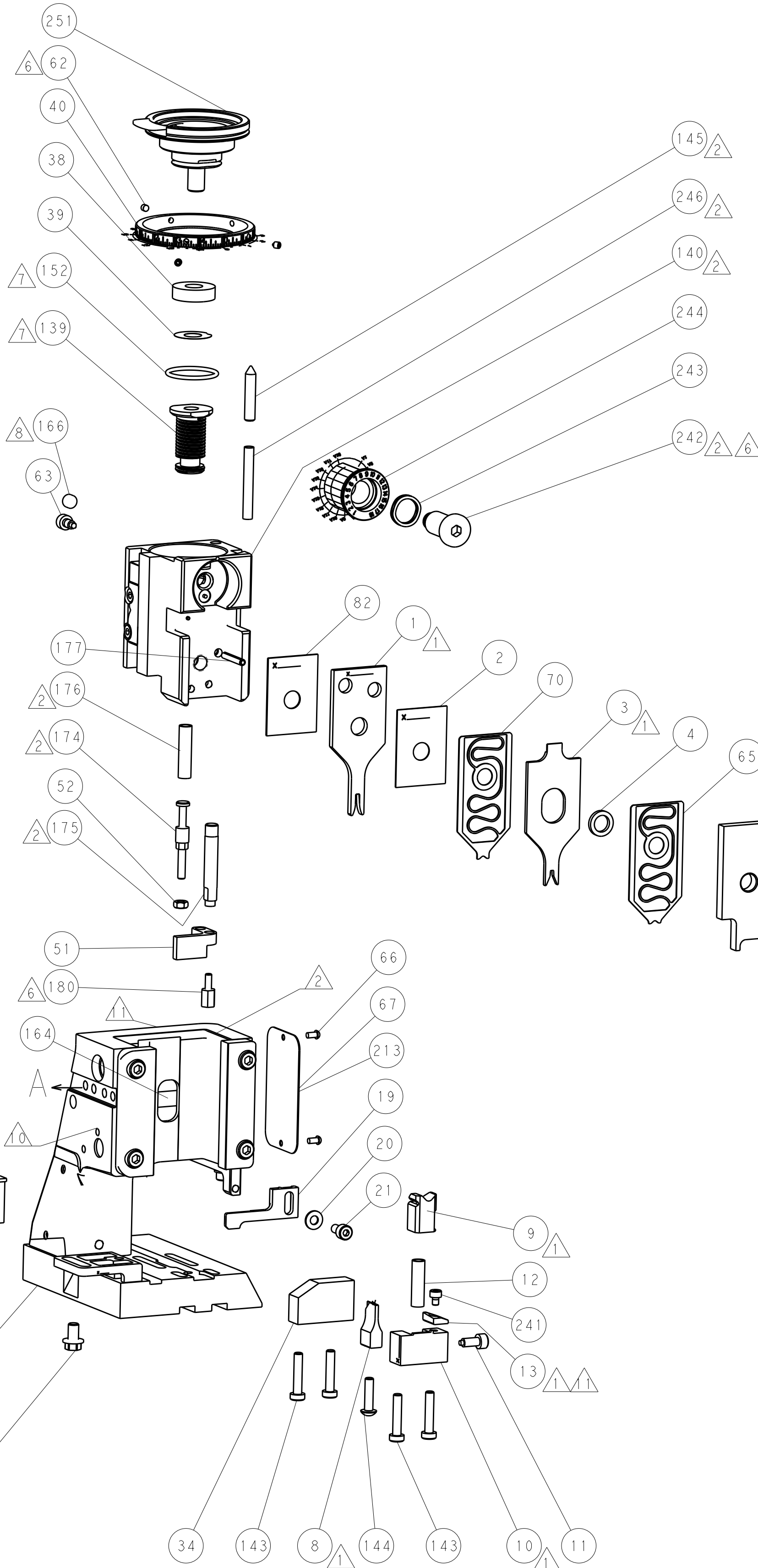
PNEUMATIC



SERVO LATCH PLATE

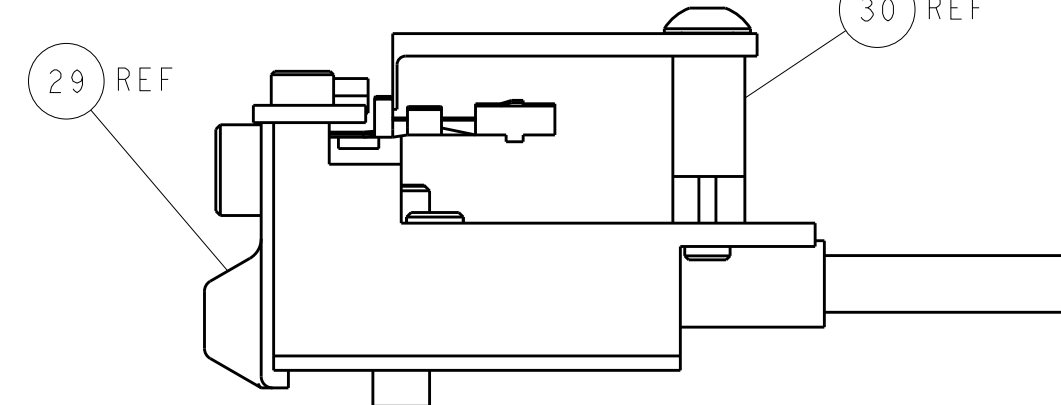


CAM POSITIONS



TERMINAL SUPPORT LOCATION

ITEM 30 LOCATED AT
FRONT HOLES



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN C. CHEN 05AUG2011		STE TE Connectivity Harrisburg, PA 17105-3608	
mm		0 PLC ±.1		CHK S. XI 05AUG2011		NAME Ocean Side Feed Applicator	
MATERIAL		1 PLC ±.1		APVD J. CRUZ 05AUG2011		SIZE A1	
		2 PLC ±.1		PRODUCT SPEC		CAGE CODE 00779	
		3 PLC ±.1		APPLICATION SPEC		DRAWING NO C-2151169	
		4 PLC ±.1		WEIGHT		SHEET 4	
		ANGLES		Customer Accessible Production Drawing		REV C1	
		FINISH		SCALE 1:2		OF 4	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION