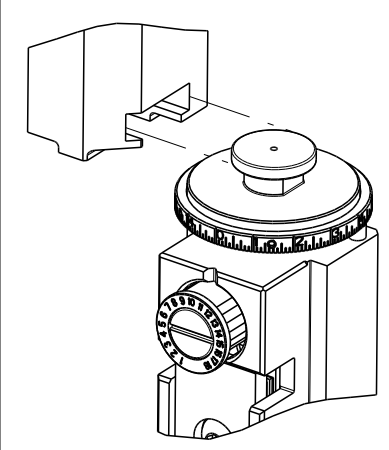


8	7	6	5	4	3	2	1
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	ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART	
		7-2266104-8	A	APPLICATOR CONVERSION KIT	-		

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.29 mm [.090]	F
INSUL	1.73 mm [.068]	O
APPLICATOR INSTRUCTIONS 408-10389		

APPLICATOR CONVERSION KITS	
PART NUMBER	INSULATION DIAMETER RANGE
7-2266100-8	Ø 3.05-3.81mm [.120-.150]
7-2266101-8	Ø 2.67-3.18mm [.105-.125]
7-2266102-8	Ø 2.16-2.82mm [.085-.111]
7-2266103-8	Ø 1.91-2.67mm [.075-.105]
7-2266104-8	Ø 1.60-2.39mm [.063-.094]

TERMINAL DATA: DEUTSCH TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: STAMPED CONTACT PIN SIZE 16			
WIRE STRIP LENGTH 3.81-5.09 mm [.150-.200 IN]		INSULATION DIAMETER RANGE Ø 1.60-2.39 mm [.063-.094 IN]	
TERMINAL APPLICATION SPECIFICATION 114-151000			
TERMINALS APPLIED			
TE TERMINAL	DEUTSCH TERMINAL	TE TERMINAL	DEUTSCH TERMINAL
286503-1	1060-16-0122	286503-2	1060-16-0144
286503-3	1060-16-0177	286503-7	1060-16-0722
286503-8	1060-16-0744	286503-9	1060-16-0777
1-286503-1	1060-16-0977	1-286503-2	1060-16-0988

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.50mm2	1.35+0.03/-0.05 [.053+.001/- .002]	5.2
16 AWG	1.27+0.03/-0.05 [.050+.001/- .002]	6.0
1.00mm2	1.27+0.03/-0.05 [.050+.001/- .002]	6.0
18 AWG	1.24+0.03/-0.05 [.049+.001/- .002]	6.2
0.75mm2	1.22+0.03/-0.05 [.048+.001/- .002]	6.4



- 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: 8-2266104-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266104-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2266104-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2266104-6
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 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 4.45.
- 13 SEE APPROPRIATE APPLICATOR LOG SHEETS FOR APPLIED TERMINALS, WIRE RANGE AND MEMORY CHIP.

TERMINAL DATA: DEUTSCH TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: STAMPED CONTACT SOCKET SIZE 16			
WIRE STRIP LENGTH 3.81-5.09 mm [.150-.200 IN]		INSULATION DIAMETER RANGE Ø 1.60-2.39 mm [.063-.094 IN]	
TERMINAL APPLICATION SPECIFICATION 114-151000			
TERMINALS APPLIED			
TE TERMINAL	DEUTSCH TERMINAL	TE TERMINAL	DEUTSCH TERMINAL
286504-1	1062-16-0122	286504-2	1062-16-0144
286504-3	1062-16-0177	286504-7	1062-16-0722
286504-8	1062-16-0744	286504-9	1062-16-0777
1-286504-1	1062-16-0977	1-286504-2	1062-16-0988

*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	-	-	-	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
-78	-77	-7	-6	-5	-2	-1	PART NO	DESCRIPTION	ITEM NO

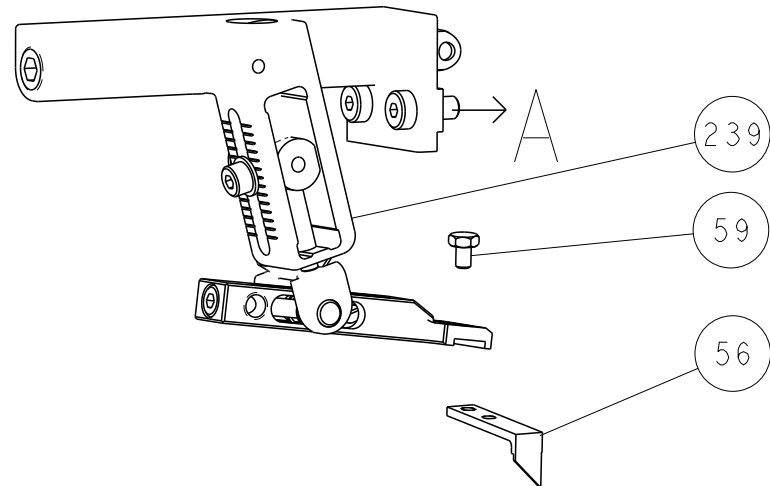
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

SET UP GAUGE 2119599-1		LOC A	DIST 66	REVISIONS			
P	LTR	DESCRIPTION		DATE	OWN	APVD	
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	A2	ECR-15-012960		9SEP2015	RS	UG	

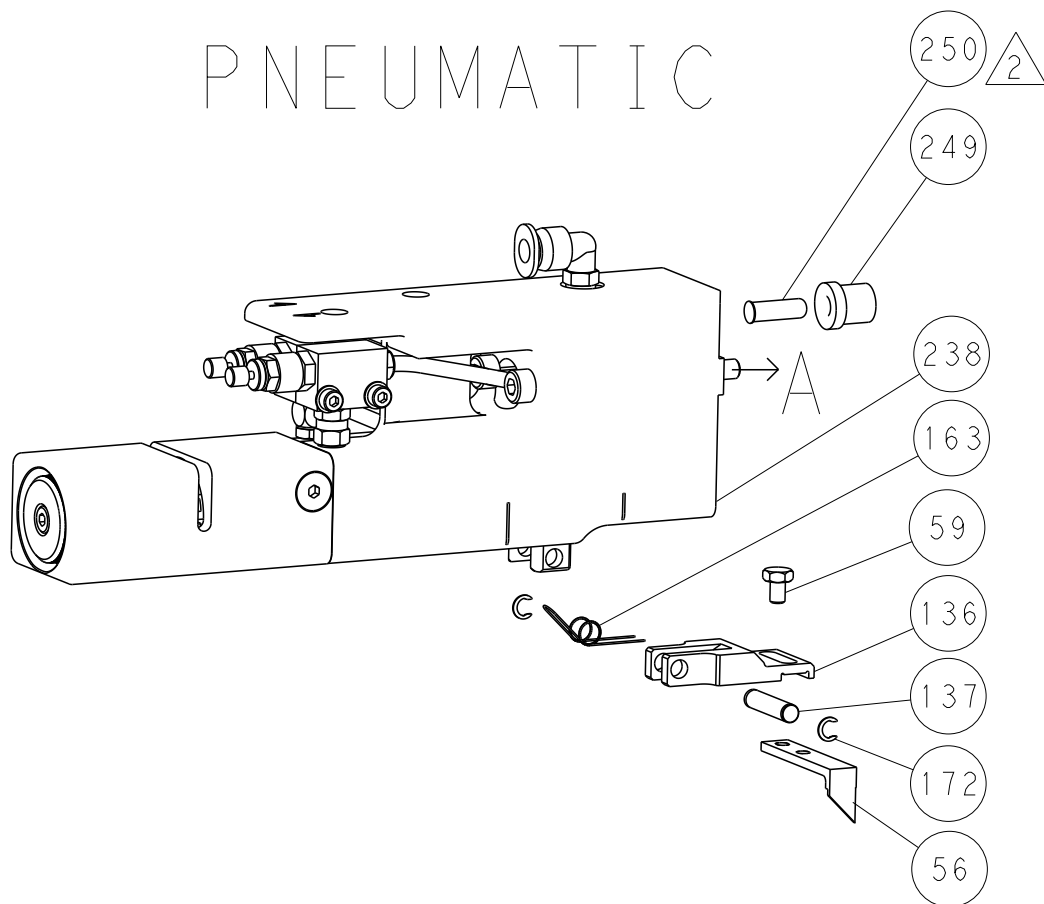
-	-	-	1	-	-	-	2119758-1	RAM, AMP STYLE, SIDE FEED, NON-ADJ.	245
-	-	1	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	-	1	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	-	1	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	1	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	-	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
-	-	-	-	-	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
-	-	1	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	1	455888-6	SPACER, CRIMPER	82
-	-	1	1	1	1	1	22278-8	SPRING, COMPRESSION	77
-	-	1	1	1	1	1	854769-4	HOLDER, INS	74
1	-	-	-	-	-	-	2266104	PRINT, APPLICATOR LOG SHEET	72
-	-	1	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	-	1	1	1	1	1	2119791-9	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

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

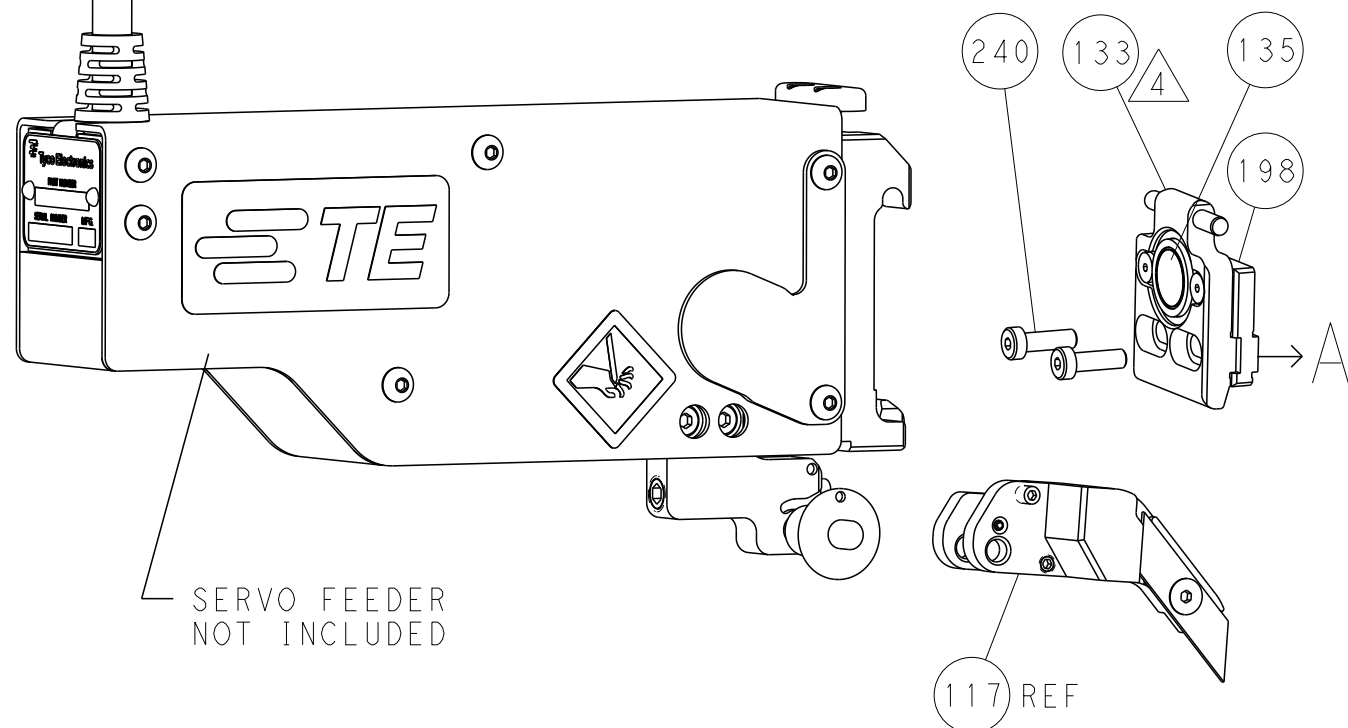
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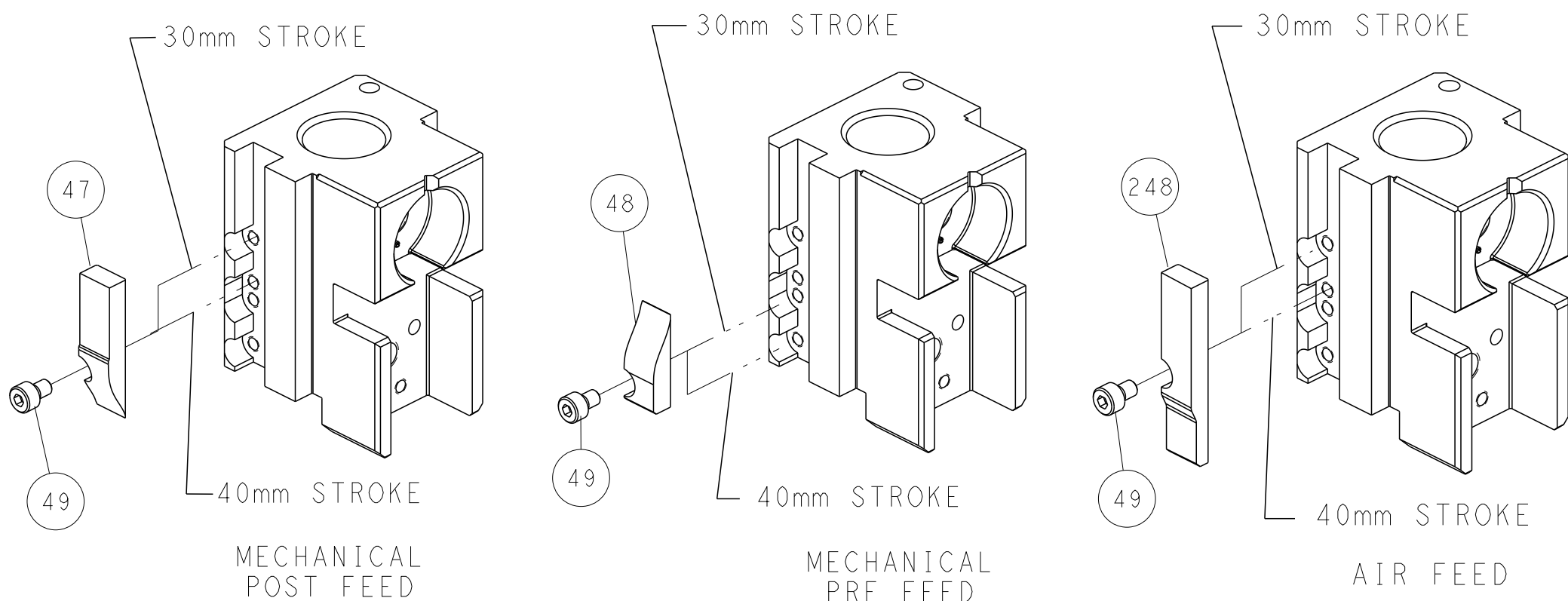
PNEUMATIC



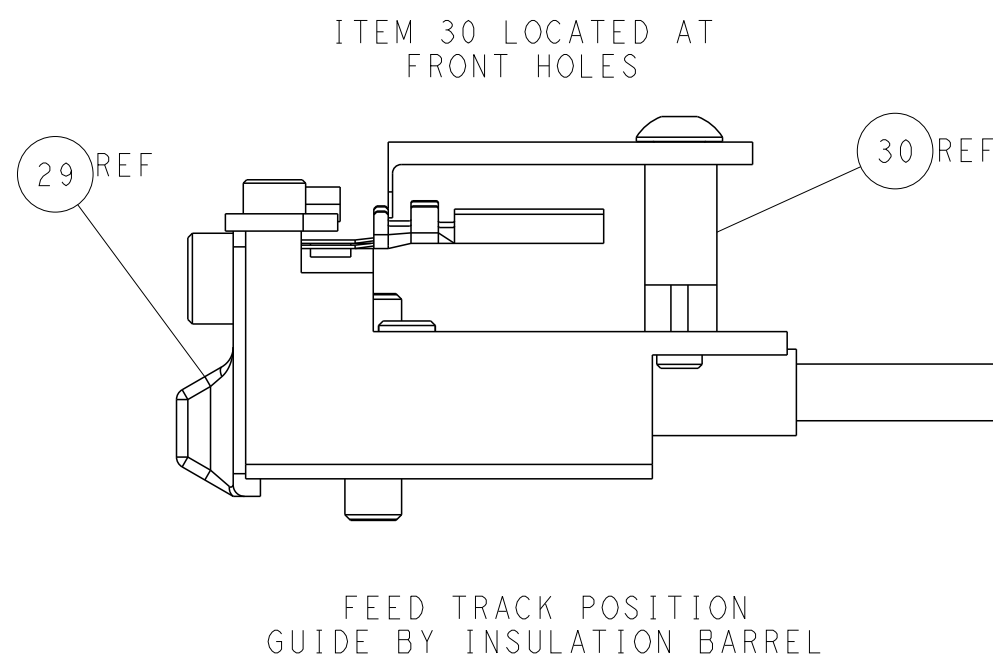
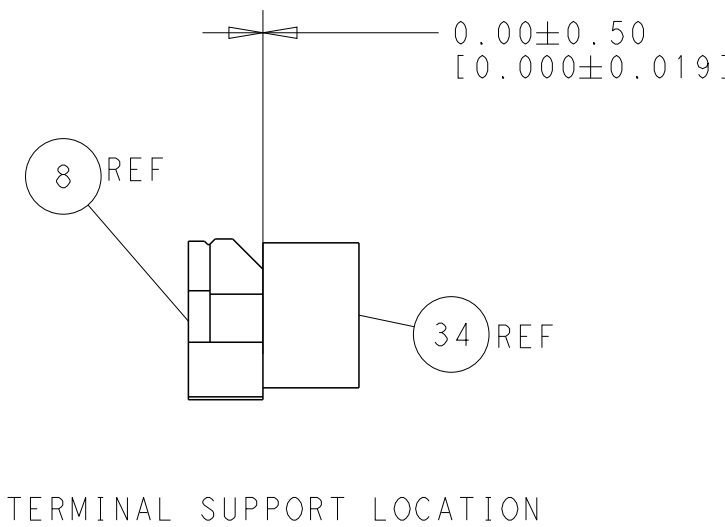
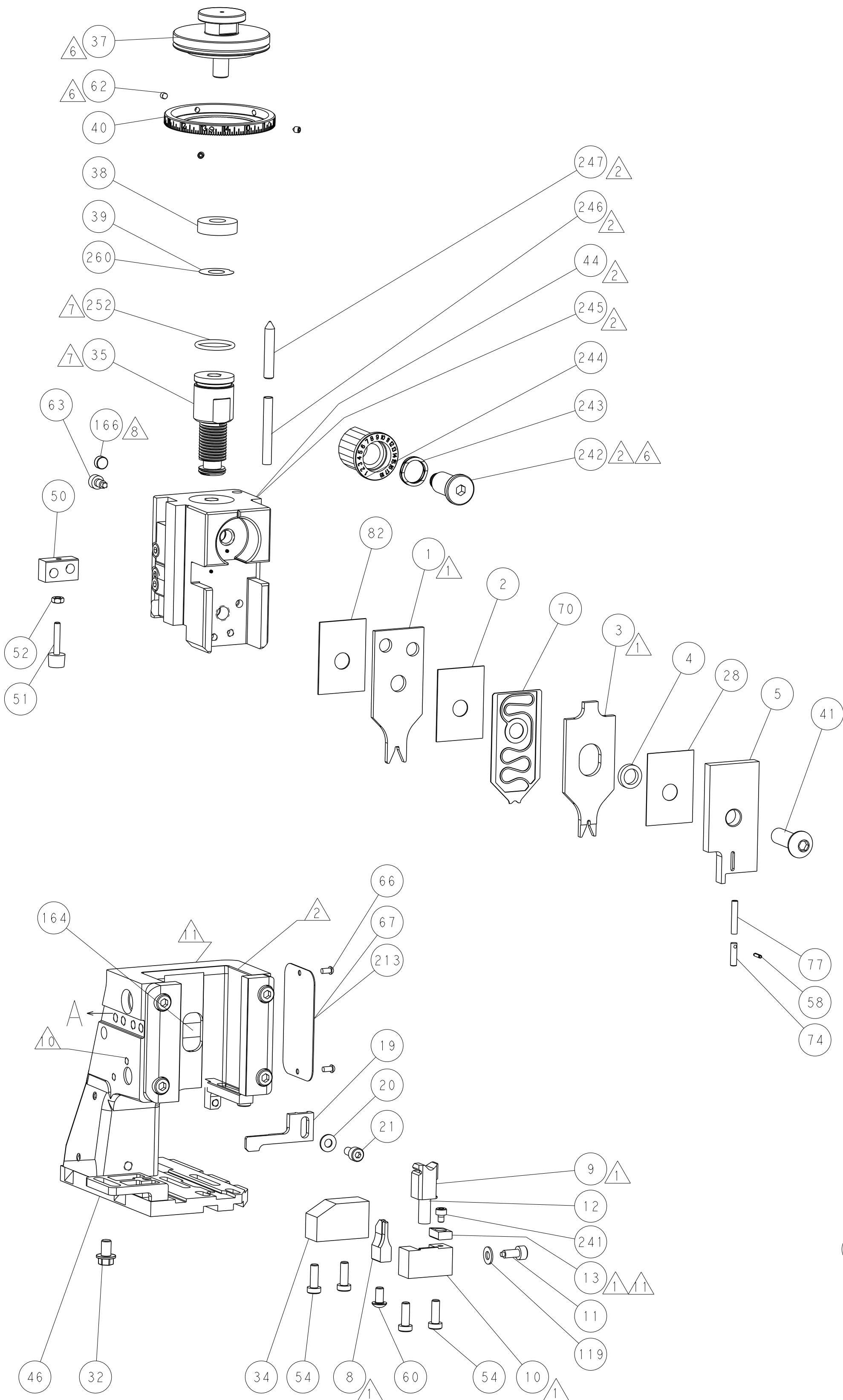
SERVO LATCH PLATE



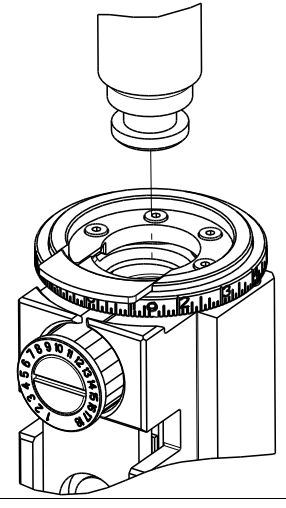
CAM POSITIONS



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

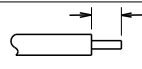


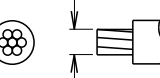
THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS THE RESPONSIBILITY OF THE USER TO VERIFY THE DIMENSIONS AND TOLERANCES OF THE PARTS AND ASSEMBLY BEFORE USE.				DWN R. KNEPPER 04-Oct-13		TE Connectivity Harrisburg, PA 17105-3608	
CHK G. BAILEY 04-Oct-13				APVD M. CLIFFORD 04-Oct-13		NAME Ocean Side Feed Applicator	
DIMENSIONS: mm				PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APPLICATION SPEC		RESTRICTED TO	
0 PLC ±.5				WEIGHT		A1 00779 C=2266104	
1 PLC ±0.5				Customer Accessible Production Drawing		SCALE 1:2 SHEET 2 of 4 REV A2	
2 PLC ±0.13							
3 PLC ±0.013							
4 PLC ±0.0001							
ANGLES FINISH							

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PACIFIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART		
	2-2266104-1	A	FINE CRIMP HEIGHT ADJUST	MECHANICAL	CONVERT TO	PART NUMBERS REQUIRED	
	2-2266104-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	PNEUMATIC FEED	2119950-1	1338685-1
					SERVO LATCH PLATE	2119951-1	-
					SMART APPLICATOR	2161326-1	-
					MECHANICAL FEED	2119949-1	1338685-1
					SERVO LATCH PLATE	2119951-1	-
					SMART APPLICATOR	2161326-1	-
	2-2266104-5	A	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE	MECHANICAL FEED	2119949-1	1338685-1
	2-2266104-7	A	FINE CRIMP HEIGHT ADJUST	NONE	PNEUMATIC FEED	2119950-1	1338685-1
	7-2266104-7	A	CRIMP TOOLING KIT	-	-	-	-
	7-2266104-8	A	APPLICATOR CONVERSION KIT	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.29 mm [.090]	F
INSUL	1.73 mm [.068]	O
APPLICATOR INSTRUCTIONS 408-10389		

APPLICATOR CONVERSION KITS	
PART NUMBER	INSULATION DIAMETER RANGE
7-2266100-8	Ø 3.05-3.81mm [.120-.150]
7-2266101-8	Ø 2.67-3.18mm [.105-.125]
7-2266102-8	Ø 2.16-2.82mm [.085-.111]
7-2266103-8	Ø 1.91-2.67mm [.075-.105]
7-2266104-8	Ø 1.60-2.39mm [.063-.094]

TERMINAL DATA: DEUTSCH TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: STAMPED CONTACT PIN SIZE 16			
WIRE STRIP LENGTH 3.81-5.09 mm [.150-.200 IN]		INSULATION DIAMETER RANGE Ø 1.60-2.39 mm [.063-.094 IN]	
TERMINAL APPLICATION SPECIFICATION	114-151000	-	-
TERMINALS APPLIED			
TE TERMINAL	DEUTSCH TERMINAL	TE TERMINAL	DEUTSCH TERMINAL
286503-1	1060-16-0122	286503-2	1060-16-0144
286503-3	1060-16-0177	286503-7	1060-16-0722
286503-8	1060-16-0744	286503-9	1060-16-0777
1-286503-1	1060-16-0977	1-286503-2	1060-16-0988

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
1.50mm2		1.35+0.03/-0.05 [.053+/.001/- .002]		5.2
16 AWG		1.27+0.03/-0.05 [.050+/.001/- .002]		6.0
1.00mm2		1.27+0.03/-0.05 [.050+/.001/- .002]		6.0
18 AWG		1.24+0.03/-0.05 [.049+/.001/- .002]		6.2
0.75mm2		1.22+0.03/-0.05 [.048+/.001/- .002]		6.4

- 
- RECOMMENDED SPARE PARTS

GREASE BEARING SURFACES LIGHTLY

LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.

APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266104-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266104-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2266104-5

ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.

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

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

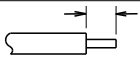
MAGNET MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

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.

SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

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.

SEE APPROPRIATE APPLICATOR LOG SHEETS FOR APPLIED TERMINALS, WIRE RANGE AND MEMORY CHIP.

TERMINAL DATA: DEUTSCH TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: STAMPED CONTACT SOCKET SIZE 16			
WIRE STRIP LENGTH 3.81-5.09 mm [.150-.200 IN]		INSULATION DIAMETER RANGE Ø 1.60-2.39 mm [.063-.094 IN]	
TERMINAL APPLICATION SPECIFICATION	114-151000	-	-
TERMINALS APPLIED			
TE TERMINAL	DEUTSCH TERMINAL	TE TERMINAL	DEUTSCH TERMINAL
286504-1	1062-16-0122	286504-2	1062-16-0144
286504-3	1062-16-0177	286504-7	1062-16-0722
286504-8	1062-16-0744	286504-9	1062-16-0777
1-286504-1	1062-16-0977	1-286504-2	1062-16-0988

*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
-78	-77	-27	-25	-22	-21	PART NO	DESCRIPTION	ITEM NO

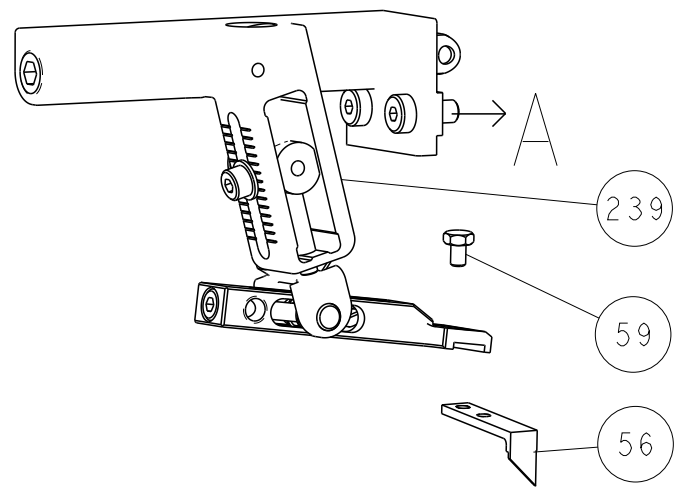
PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

SET UP GAUGE 2119599-1	LOC A	DIST 66	REVISONS			
P	LTR	DESCRIPTION		DATE	OWN	APVD
-	-	SEE SHEET 1		-	-	-

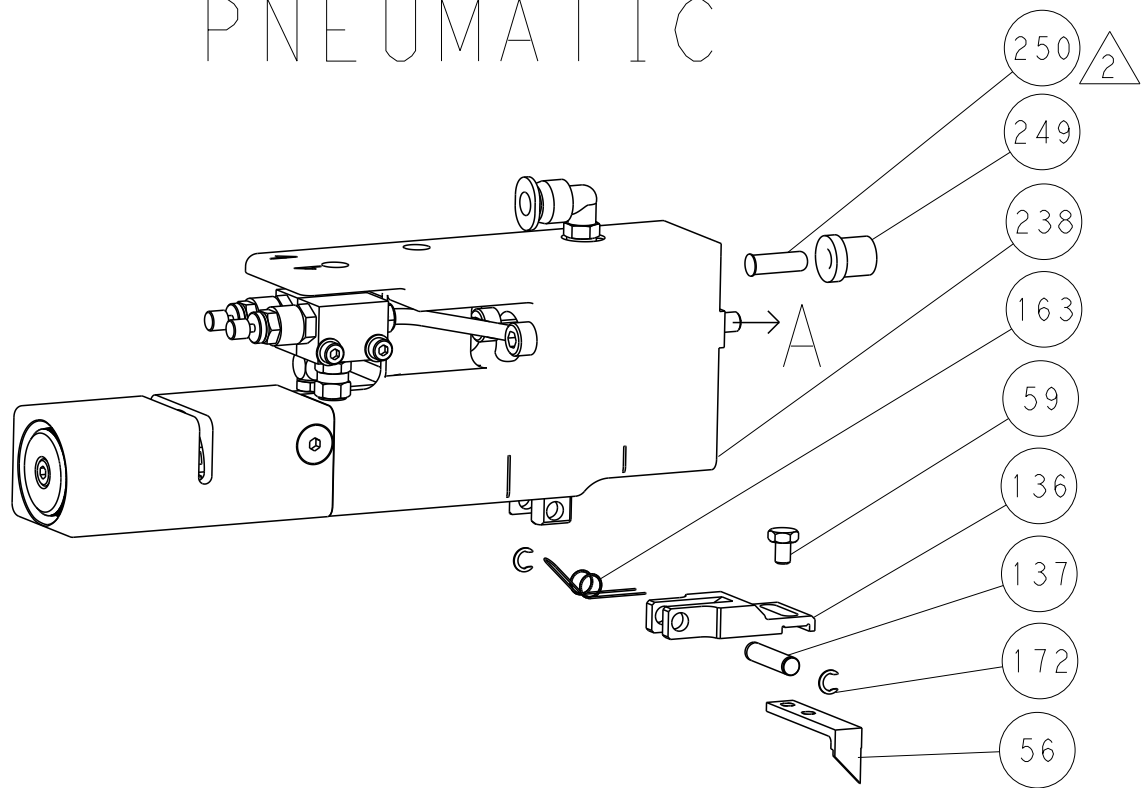
-	-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	-	2	-	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240
-	-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	-	-	-	1	-	2063440-1	AIR FEED MODULE	238
-	-	-	1	-	-	2119740-2	TAG,IDENTIFICATION	213
-	-	-	1	-	-	1901094-3	SPACER, FEEDER	198
-	-	-	-	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	1	455888-6	SPACER, CRIMPER	82
-	-	1	1	1	1	22278-8	SPRING, COMPRESSION	77
-	-	1	1	1	1	854769-4	HOLDER, INS	74

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

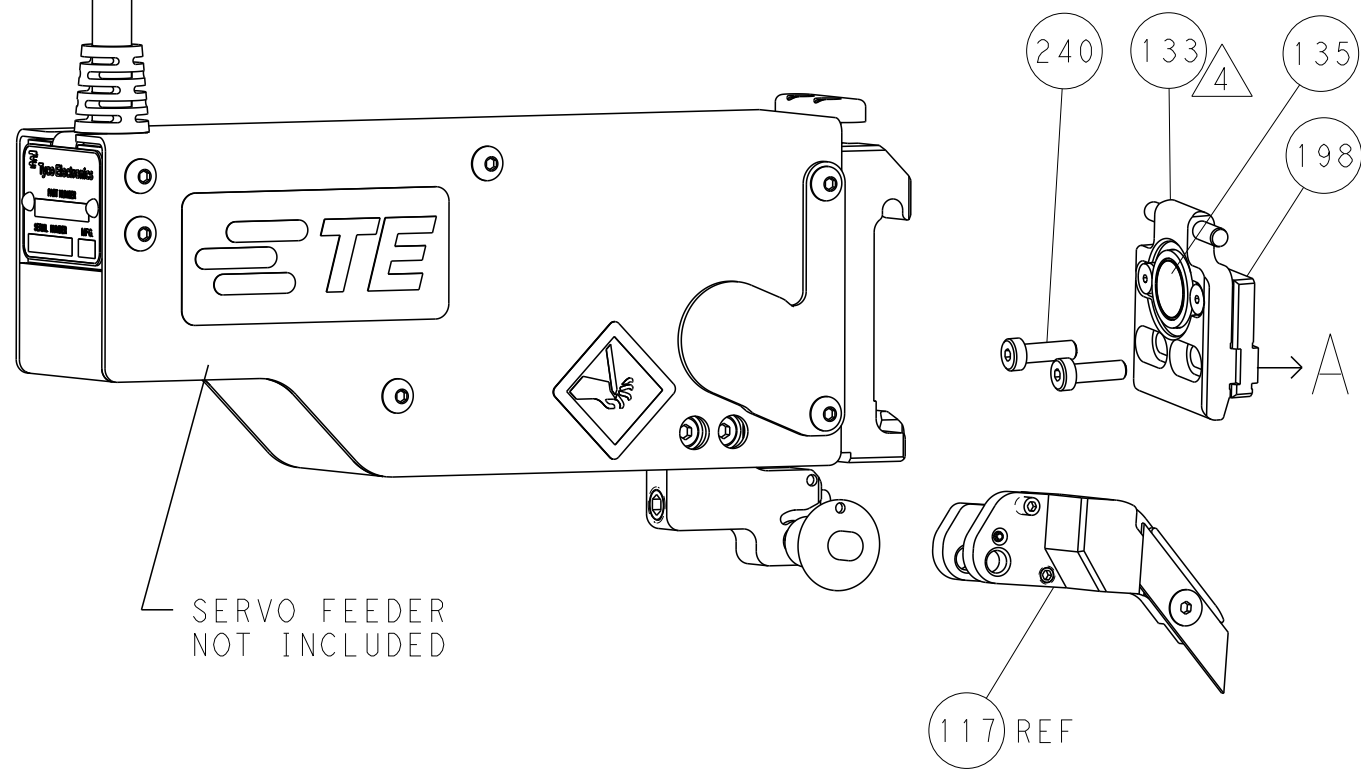
FEED TYPE
MECHANICAL



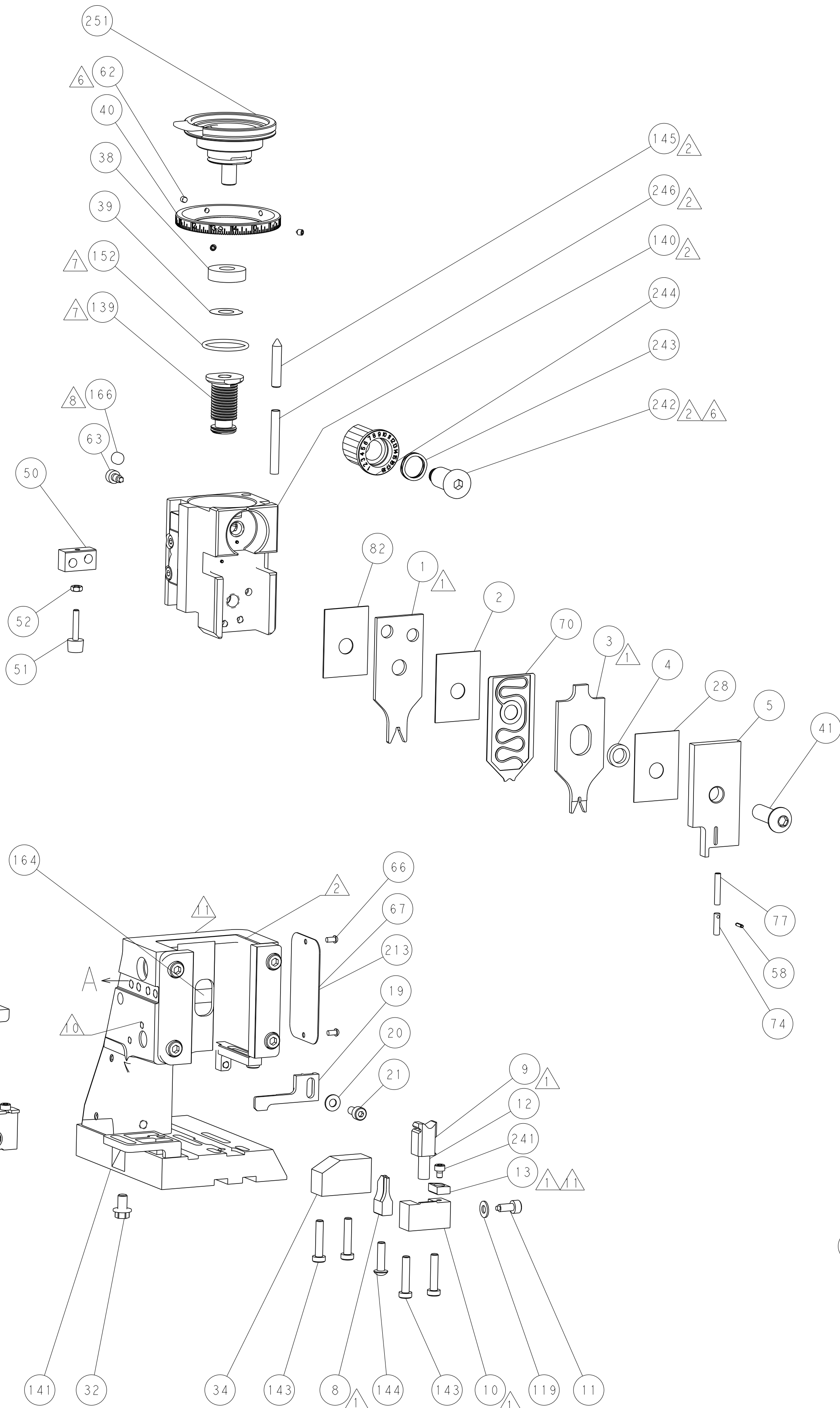
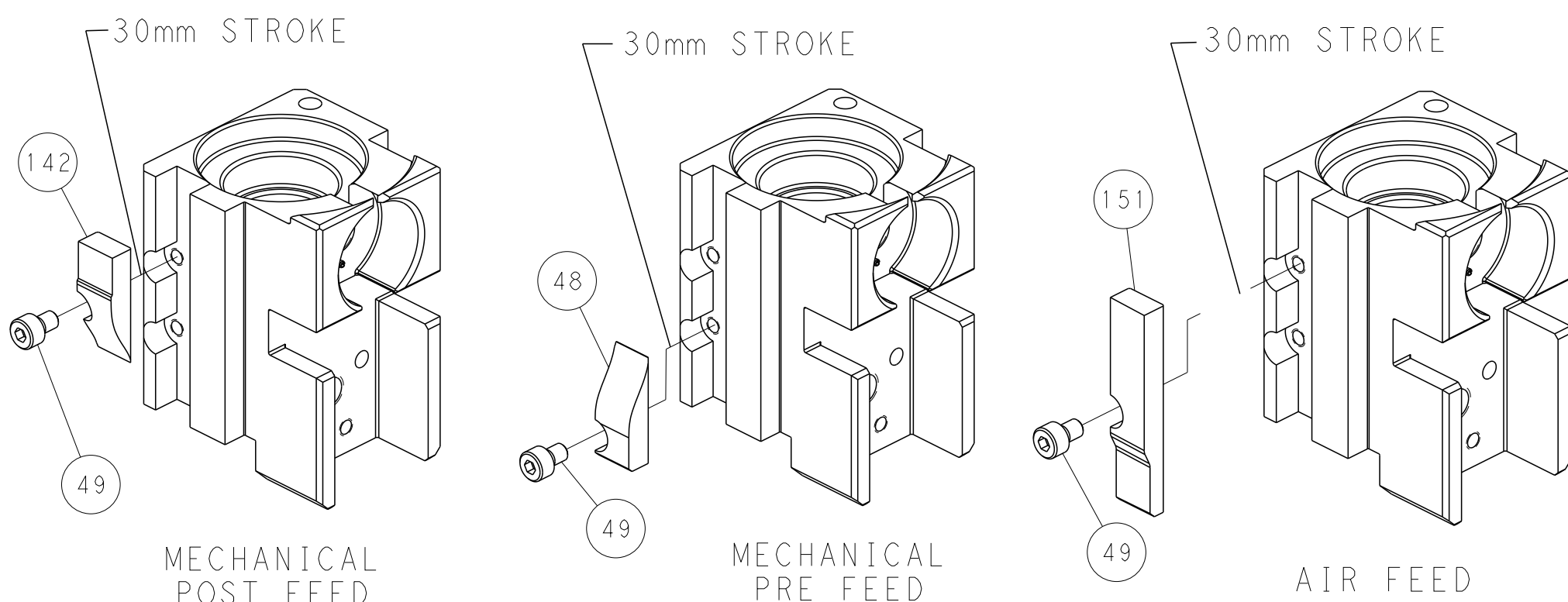
PNEUMATIC



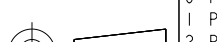
SERVO
LATCH PLATE



CAM POSITIONS



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

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE.		DWN R. KNEPPER 04-Oct-13	TE Connectivity Harrisburg, PA 17105-3608	
CHK G. BAILEY 04-Oct-13		APVD M. CLIFFORD 04-Oct-13	NAME Ocean Side Feed Applicator	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		RESTRICTED TO
		PRODUCT SPEC APPLICATION SPEC		A 00779 ©=2266104
MATERIAL		WEIGHT		
		Customer Accessible Production Drawing		
		SCALE 1:2 SHEET 4 OF 4 REV A2		