

8

7

6

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4

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1

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RELEASED FOR PUBLICATION

20

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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

REVISION

DESCRIPTION

FEED TYPE

APPLICATOR STYLE CONVERSION CHART

CONVERT TO

PART NUMBERS REQUIRED

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151099-5

8-2151099-4

2119641-1

1901094-3

-

2119799-1

-

-

2063440-1

2168400-6 (QUANTITY 2)

-

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151099-5

8-2151099-4

2119653-1

1901094-3

-

-

-

-

-

-

-

-

-

-

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

2119950-1

1338685-1

1338685-1

5-18022-5

5-18022-5

2119653-1

2119641-1

-

2119799-1

-

2063440-1

2151099-1

K

FINE CRIMP HEIGHT ADJUST

MECHANICAL

2151099-2

K

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

2151099-5

K

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2151099-6

K

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2151099-7

K

FINE CRIMP HEIGHT ADJUST

NONE

7-2151099-7

H

CRIMP TOOLING KIT

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.03 mm [.080]

F

INSUL

2.55 mm [.100]

OV

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: JUNIOR-POWER-TIMER CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

3.70-4.30 mm [.146-.169 IN]

Ø1.40-2.10 mm [.055-.083 IN]

TERMINAL APPLICATION SPECIFICATION

(A) 114-18050

(B) 114-18051

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

(A) 964284-1

(A) 1-964284-1

(B) 2-964294-3

(C) 1241388-1

(A) 964284-2

(A) 2-964284-1

(B) 2-964294-1

(C) 1241388-2

(A) 964284-6

(A) 4-964284-1

(B) 2-964294-2

(C) 1241388-3

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: JUNIOR-POWER-TIMER CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

3.50-4.10mm [.138-.161 IN]

Ø1.40-2.10 mm [.055-.083 IN]

TERMINAL APPLICATION SPECIFICATION

(C) 114-18387

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

(C) 1241388-1

-

-

-

(C) 1241388-2

-

-

-

(C) 1241388-3

-

-

-

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: JUNIOR-POWER-TIMER CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

3.50-4.10mm [.138-.161 IN]

Ø1.40-2.10 mm [.055-.083 IN]

TERMINAL APPLICATION SPECIFICATION

-

△3

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

964284-2

-

-

-

964284-6

-

-

-

2-964284-1

-

-

-

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

1.00mm2

1.20+/-0.05 [.047+/- .002]

5.5

0.75mm2

1.18+/-0.05 [.046+/- .002]

5.7

0.50mm2

1.15+/-0.05 [.045+/- .002]

5.8

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

1.00mm2

1.20+/-0.05 [.047+/- .002]

5.5

0.75mm2

1.18+/-0.05 [.046+/- .002]

5.7

0.50mm2

1.15+/-0.05 [.045+/- .002]

5.8

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

0.35 + 0.35

1.18+/-0.05 [.046+/- .002]

5.7

△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: 8-2151099-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151099-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151099-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151099-6

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 & 62.
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

△3

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.

*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.

-

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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

-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

REV

1

DATE

22AUG2011

REVISIONS

P

LTR

DESCRIPTION

DATE

OWN

APVD

-

K

ECR-15-004756

21MAR2015

MR

JT

1

1

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

2119082-4

CAM, SNAIL, INSULATION ADJUSTMENT

244

-

1

1

1

1

1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

△6

-

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

993111-1

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

△8

-

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

455888-5

SPACER, CRIMPER

82

-

1

1

1

1

1

5-547505-2

SPRING, COMPRESSION

77

-

1

1

1

1

1

854769-4

HOLDER, INS

74

-

1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

-

1

-

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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

1

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

-

1

1

1

1

1

21028-2

PIN, SLOTTED SPRING .062 X .250

58

-

-

-

-

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

△6

-

1

1

1

1

2-1752354-4

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

2119644-1

RAM WASHER, PRECISION

38

△6

-

1

1

1

1

2119085-1

FA HEAD, ATLANTIC STYLE

37

△7

-

1

-

1

1

2119092-1

BOLT, ADJUSTMENT

35

-

1

1

1

1

1

1752356-4

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

2119959-2

ASSEMBLY, STRIP GUIDE

29

-

1

1

1

1

1

455888-5

SPACER, CRIMPER

28

-

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

1803095-1

FLOATING SHEAR, FRONT

9

△1

1

1

1

1

1

1333204-2

ANVIL, COMBINATION

8

-

1

1

1

1

1

2119780-7

DEPRESSOR, SHEAR

5

-

1

1

1

1

1

2-238011-2

BLOCK, CRIMPER SPACER

4

△1

1

1

1

1

1

2119785-4

CRIMPER, INSULATION OVERLAP PREMIUM

3

-

1

1

1

1

1

455888-5

SPACER, CRIMPER

2

△1

1

1

1

1

1

1803125-2

CRIMPER, WIRE

1

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

THIS IS SUBJECT TO CHANGE WITHOUT NOTICE. THE CUSTOMER IS RESPONSIBLE FOR VERIFYING THE PRODUCT SPECIFICATIONS AND DIMENSIONS OF THE PRODUCT BEFORE USE. THE CUSTOMER SHOULD BE CONTACTED FOR THE LATEST NOTIFICATION.

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±.5

±0.13

±0.013

±0.0001

±.

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DWN

Y. YIN

22AUG2011

CHK

G. BAILEY

22AUG2011

APVD

S. XI

22AUG2011

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

NAME

Ocean Side Feed Applicator

00779

©=2151099

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

REV

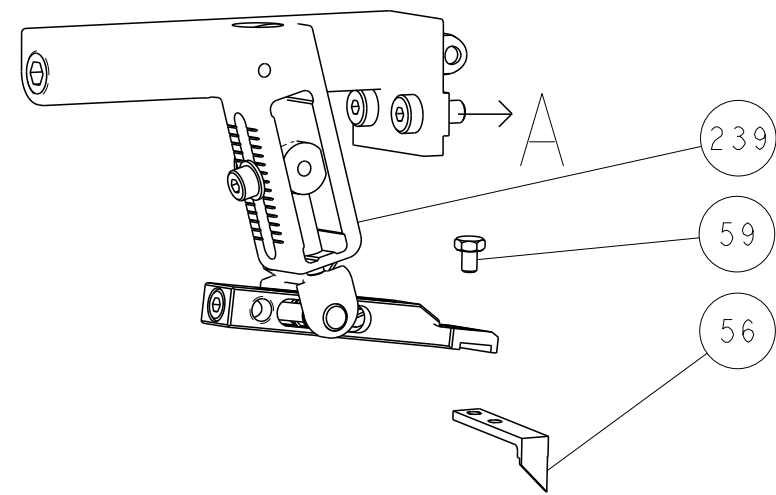
K1

AMF 4805 REV 31MAR2000

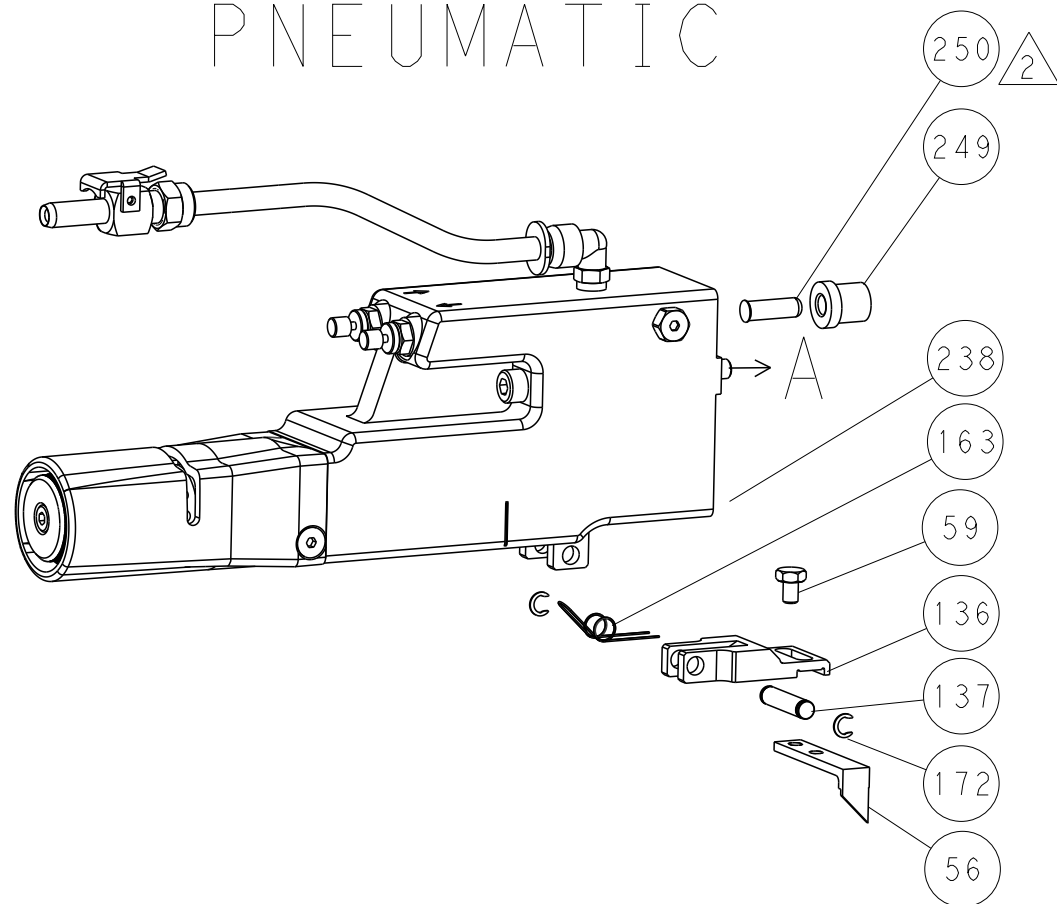
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

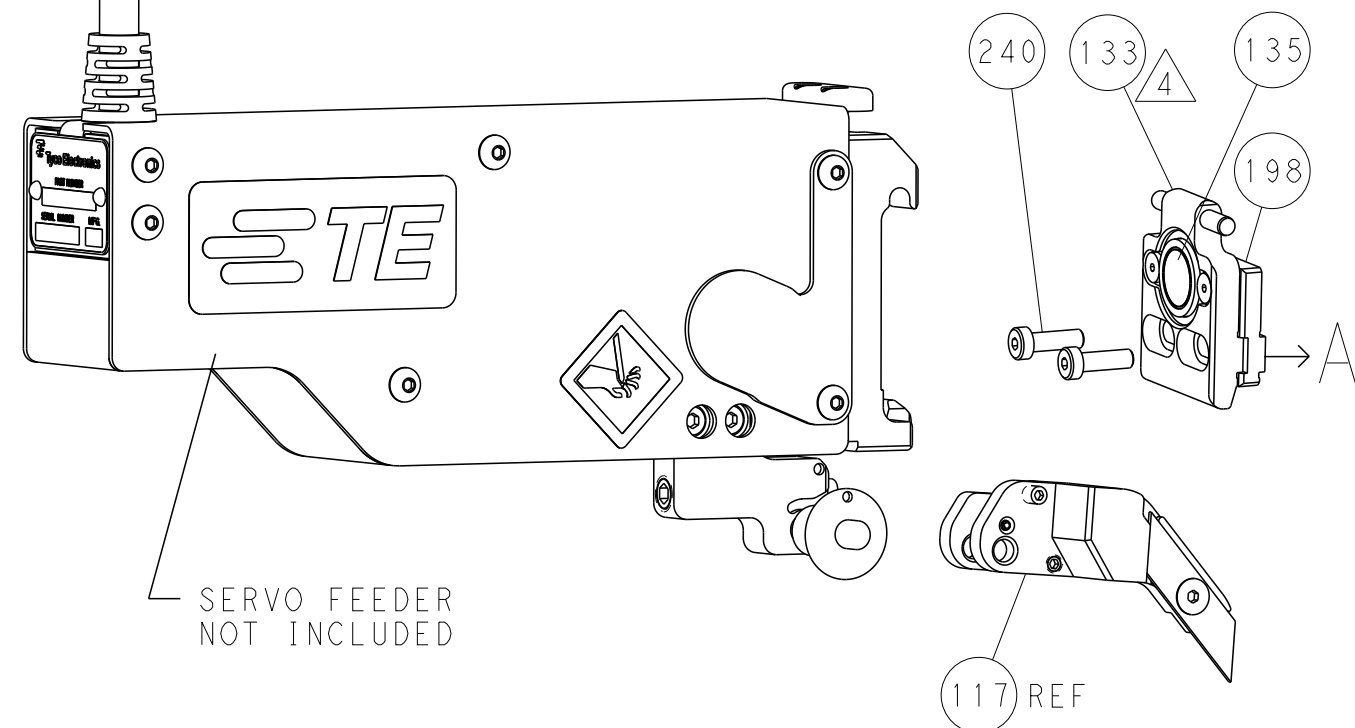
FEED TYPE
MECHANICAL



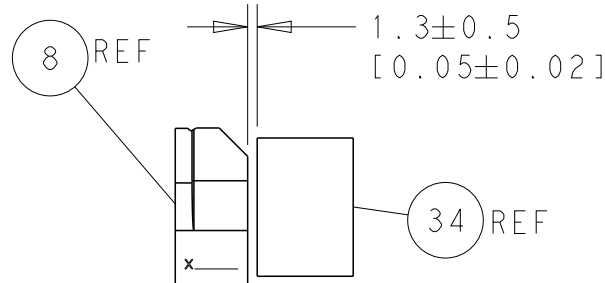
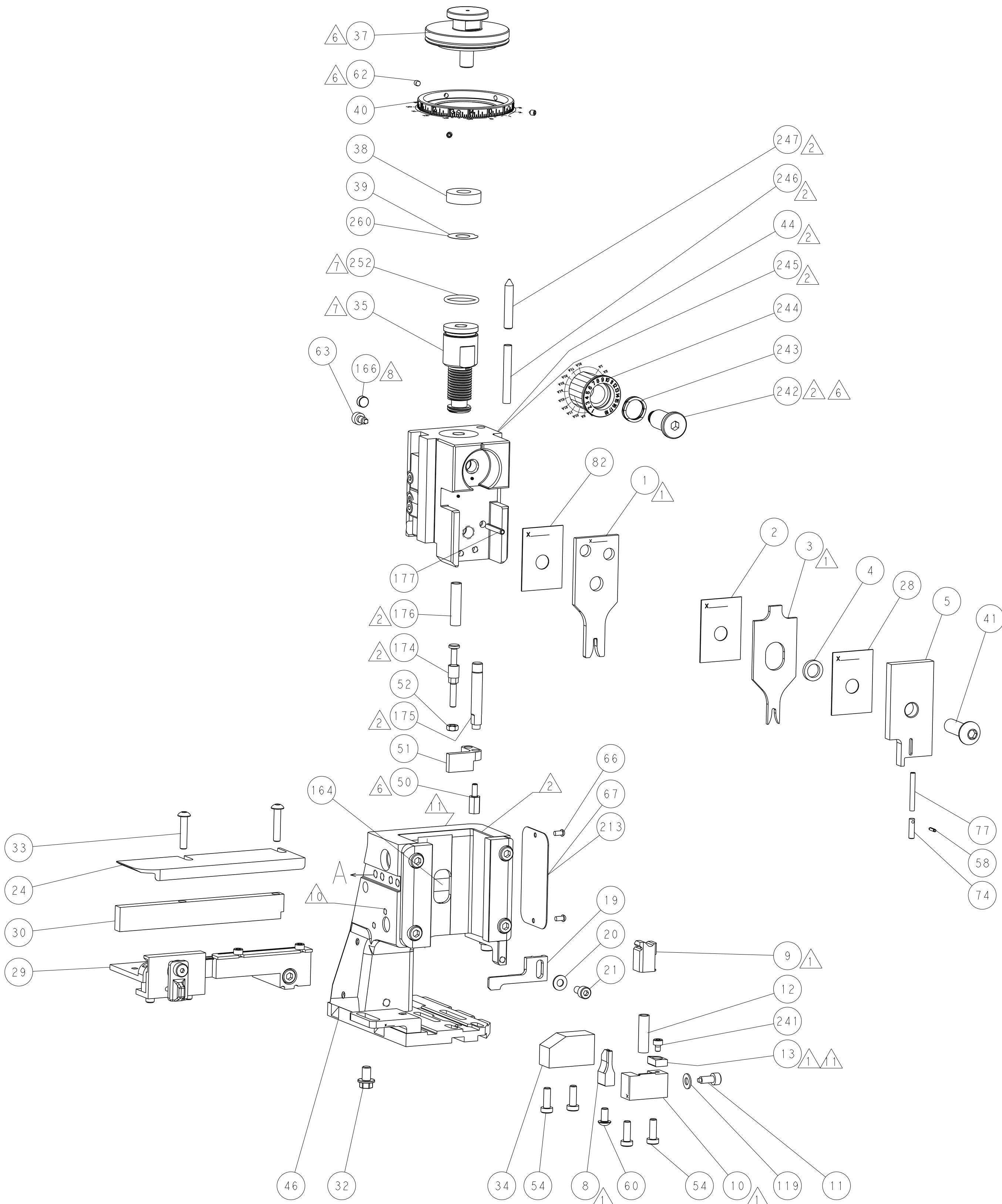
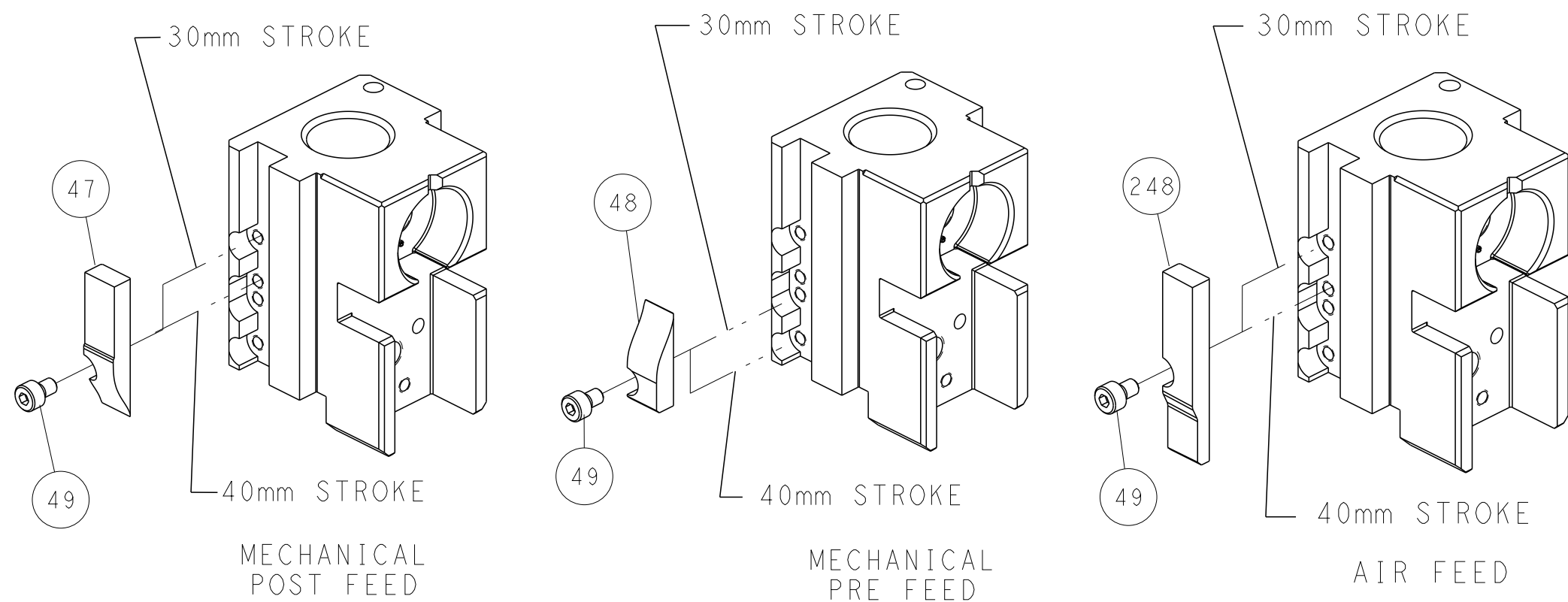
PNEUMATIC



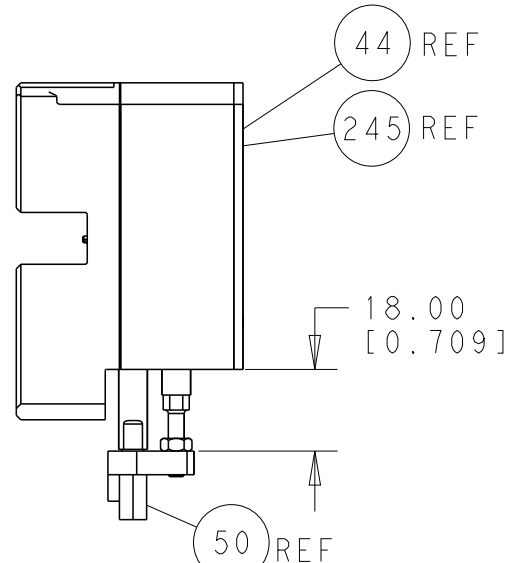
SERVO
LATCH PLATE



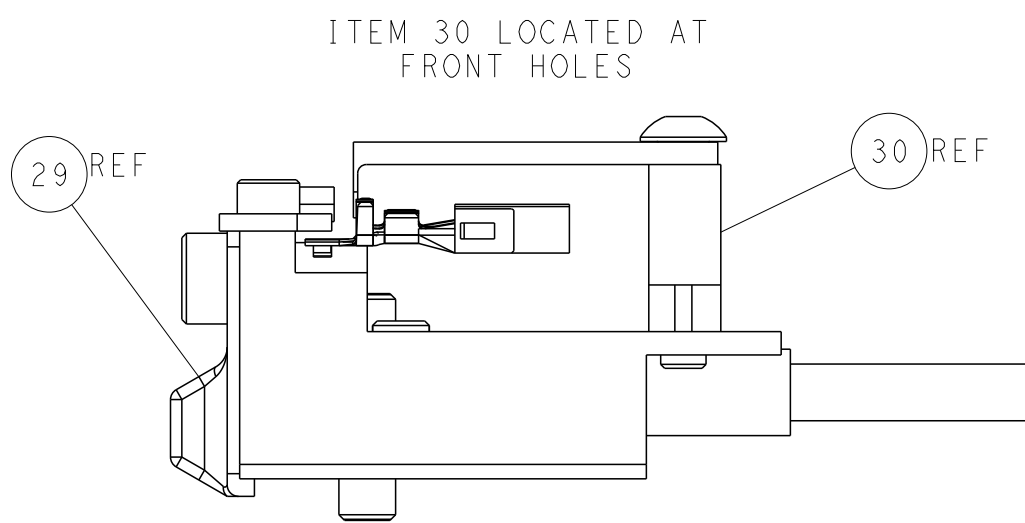
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



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)

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LATEST VERSION OF THIS DRAWING.		DWN	Y. YIN	22AUG2011	TE Connectivity Harrisburg, PA 17105-3608			
CHK		G. BAILEY	22AUG2011	NAME	Ocean Side Feed Applicator			
APVD		S. XI	22AUG2011	PRODUCT SPEC				
				APPLICATION SPEC				
MATERIAL				WEIGHT	Customer Accessible Production Drawing	SCALE	1:2	SHEET 2 of 4
								REV K1

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART						
					CONVERT TO	PART NUMBERS REQUIRED					
	2-2151099-1	K	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1
					SERVO LATCH PLATE	2119951-1	-	8-2151099-5	1901094-3	-	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151099-4	-	-	-
	2-2151099-2	K	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-
					SERVO LATCH PLATE	2119951-1	-	8-2151099-5	1901094-3	-	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151099-4	-	-	-
	2-2151099-5	K	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE ⁴	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-
					PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1
	2-2151099-7	K	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-
7-2151099-7	H	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.03 mm [.080]	F
INSUL	2.55 mm [.100]	OV
APPLICATOR INSTRUCTIONS 408-10389		

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: JUNIOR-POWER-TIMER CONTACT			
WIRE STRIP LENGTH 3.70-4.30 mm [.146-.169 IN]		INSULATION DIAMETER RANGE Ø1.40-2.10 mm [.055-.083 IN]	
TERMINAL APPLICATION SPECIFICATION	(A) 114-18050	-	-
	(B) 114-18051	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 964284-1	(A) 1-964284-1	(B) 1-964294-3	(C) 1241388-1
(A) 964284-2	(A) 2-964284-1	(B) 2-964294-1	(C) 1241388-2
(A) 964284-6	(A) 4-964284-1	(B) 2-964294-2	(C) 1241388-3

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.20+/-0.05 [.047+/- .002]	5.5
0.75mm2	1.18+/-0.05 [.046+/- .002]	5.7
0.50mm2	1.15+/-0.05 [.045+/- .002]	5.8



- 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: 8-2151099-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151099-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151099-5
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 ITEM 50 & 62. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 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.

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: JUNIOR-POWER-TIMER CONTACT			
WIRE STRIP LENGTH 3.50-4.10mm [.138-.161 IN]		INSULATION DIAMETER RANGE Ø1.40-2.10 mm [.055-.083 IN]	
TERMINAL APPLICATION SPECIFICATION	(C) 114-18387	-	-
	-	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(C) 1241388-1	-	-	-
(C) 1241388-2	-	-	-
(C) 1241388-3	-	-	-

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.00mm2	1.20+/-0.05 [.047+/- .002]	5.5
0.75mm2	1.18+/-0.05 [.046+/- .002]	5.7
0.50mm2	1.15+/-0.05 [.045+/- .002]	5.8

¹² 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 114-18022-5. **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.

*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
-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	REVISIONS						
			P	LTR	DESCRIPTION	DATE	OWN	APVD	
			-		SEE SHEET 1	-	-	-	

-	1	1	1	1	2119082-4	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
-	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
-	1	1	1	1	9931111-1	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	455888-5	SPACER, CRIMPER	82
-	1	1	1	1	5-547505-2	SPRING, COMPRESSION	77
-	1	1	1	1	854769-4	HOLDER, INS	74
-	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, 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	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	-	-	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	2-1752354-4	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	2119644-1	RAM WASHER, PRECISION	38
-	1	1	1	1	1752356-4	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	2119959-2	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	455888-5	SPACER, CRIMPER	28
-	1	1	1	1	1320928-2	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	1803095-1	FLOATING SHEAR, FRONT	9
-	1	1	1	1	1333204-2	ANVIL, COMBINATION	8
-	1	1	1	1	2119780-7	DEPRESSOR, SHEAR	5
-	1	1	1	1	2-238011-2	BLOCK, CRIMPER SPACER	4
-	1	1	1	1	2119785-4	CRIMPER, INSULATION OVERLAP PREMIUM	3
-	1	1	1	1	455888-5	SPACER, CRIMPER	2
-	1	1	1	1	1803125-2	CRIMPER, WIRE	1
-77	-27	-25	-22	-21	PART NO	DESCRIPTION	ITEM NO

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				CHK G. BAILEY	22AUG2011				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. XI	22AUG2011	NAME	Ocean Side Feed Applicator		
		0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.5		PRODUCT SPEC		RESTRICTED TO			
				APPLICATION SPEC					
MATERIAL -				WEIGHT -		SIZE A1	CAGE CODE 00779	DRAWING NO ©=2151099	-
Customer Accessible Production Drawing						SCALE 1:2	SHEET 3	OF 4	REV K1

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

D

C

B

A

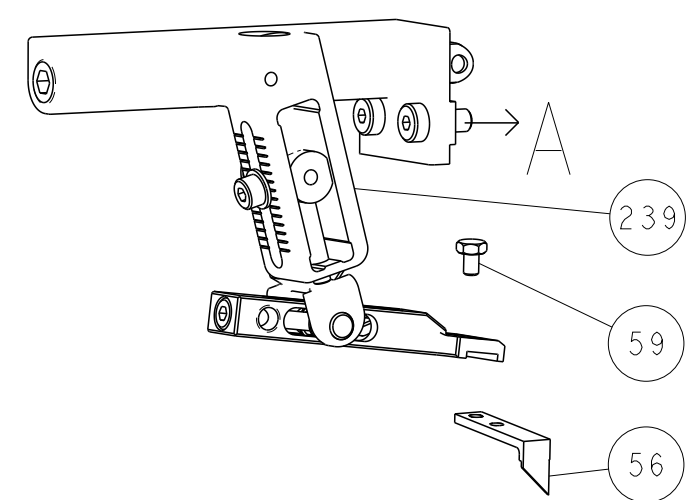
D

C

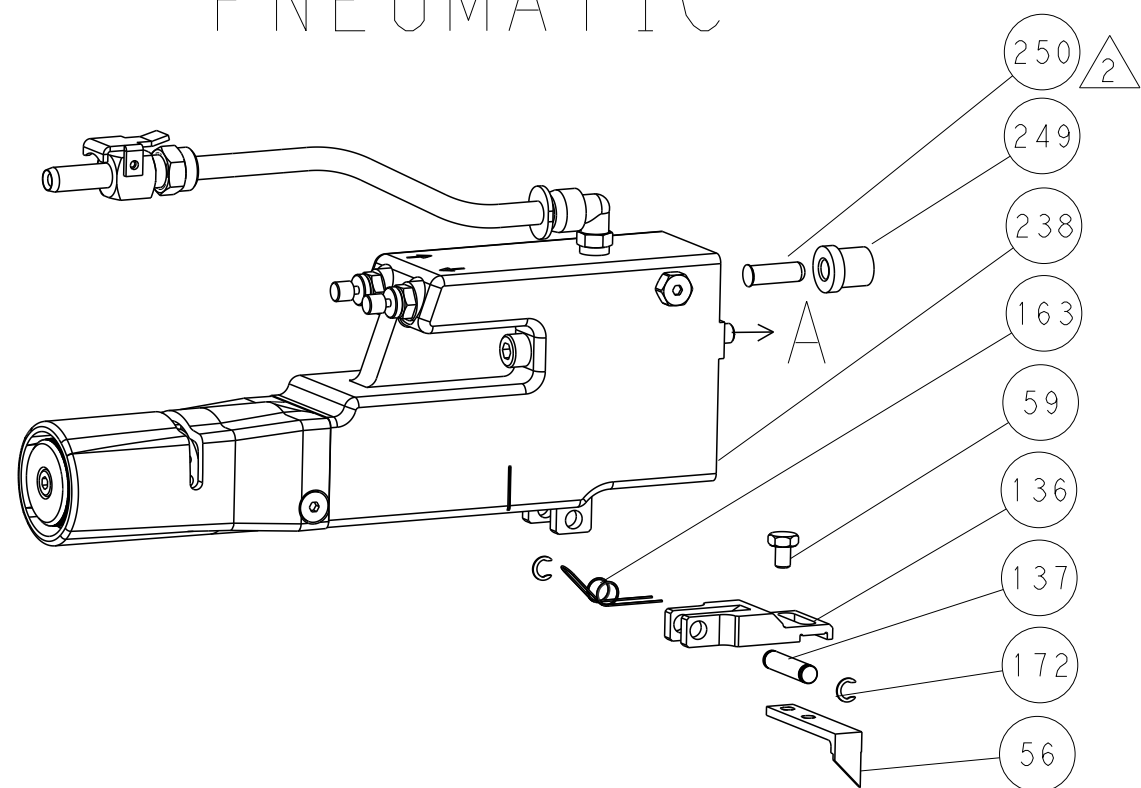
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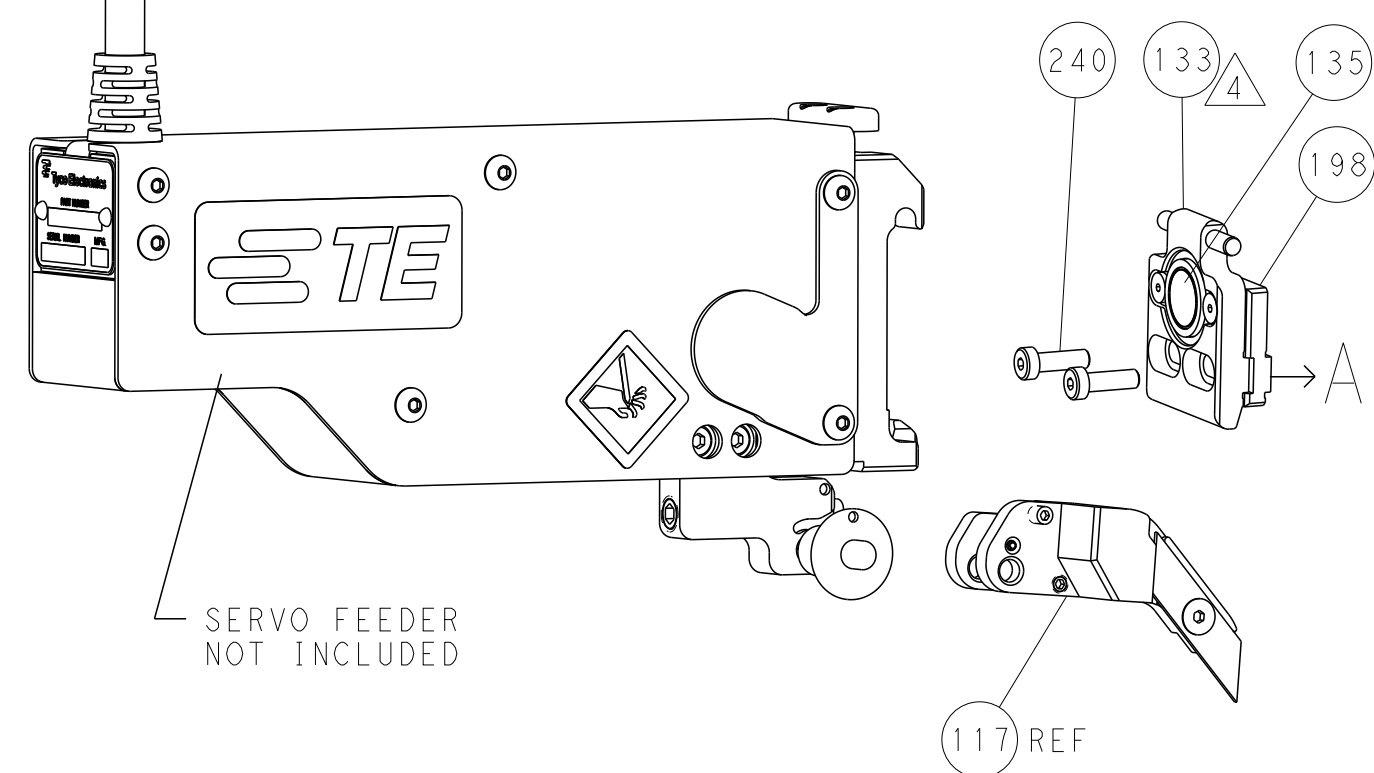
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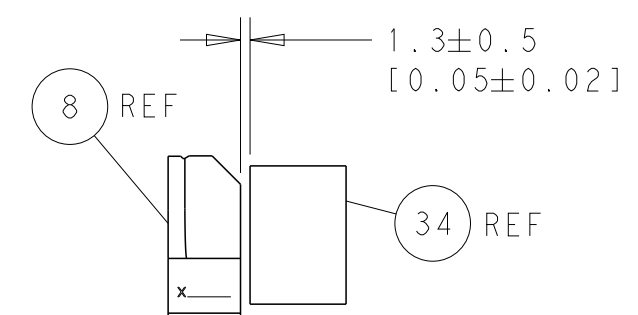
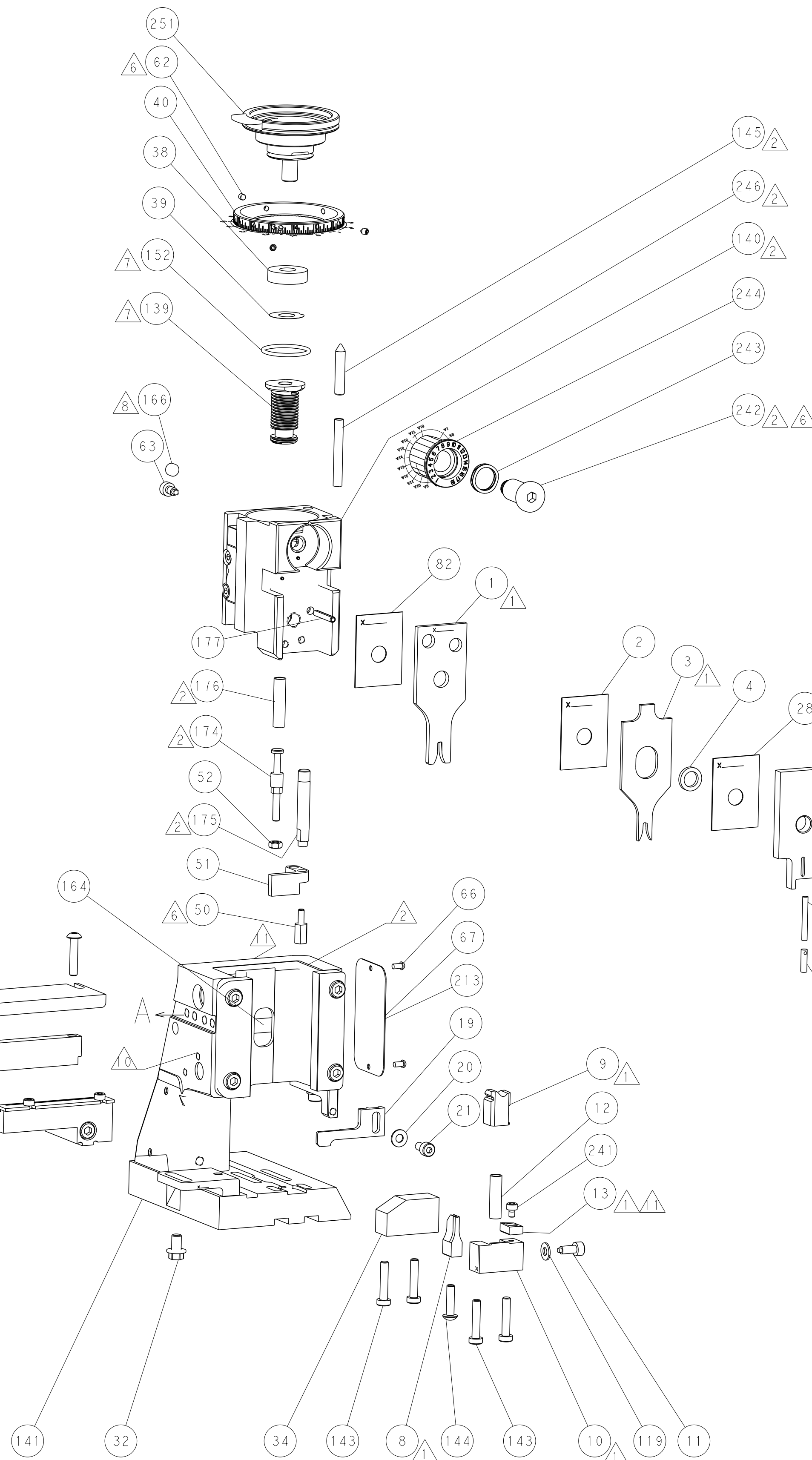
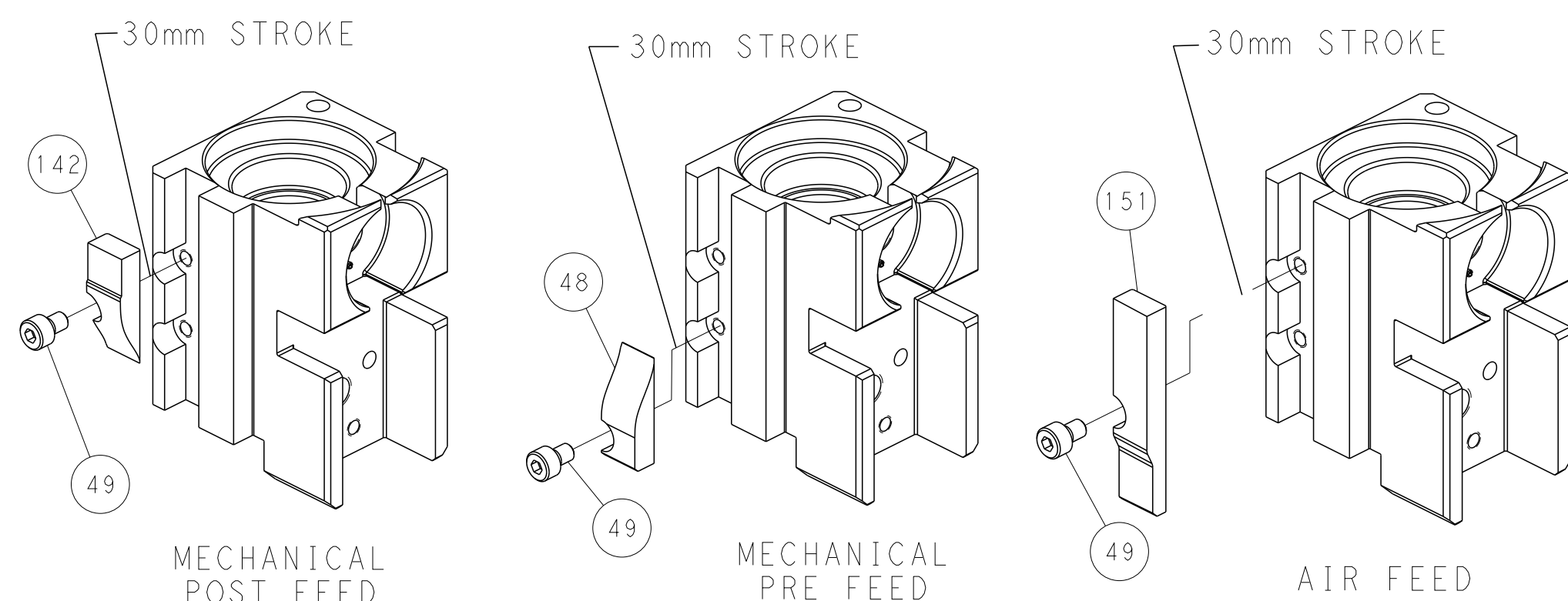
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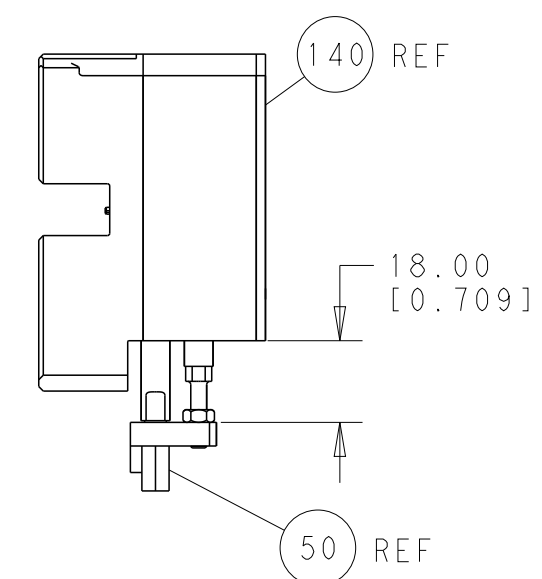
SERVO LATCH PLATE



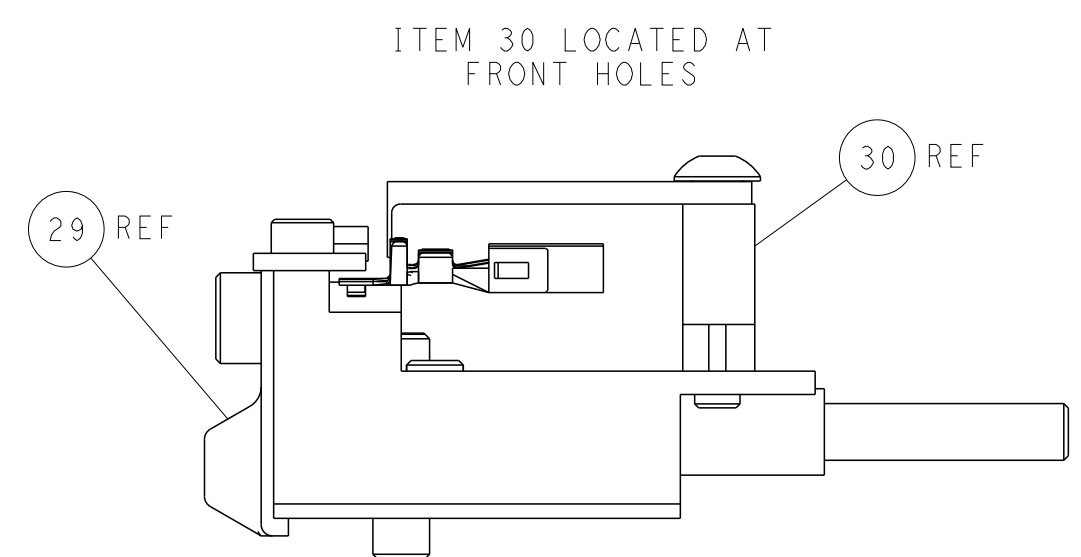
CAM POSITIONS



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



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)

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR THE LATEST VERSION.		DWN Y. YIN 22AUG2011	TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK G. BAILEY 22AUG2011	NAME Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES FINISH		APVD S. XI 22AUG2011	SIZE A1	
MATERIAL -		PRODUCT SPEC -	CAGE CODE 00779	
		APPLICATION SPEC -	DRAWING NO C=2151099	
		WEIGHT -	Customer Accessible Production Drawing	
		SCALE 1:2	SHEET 4 OF 4	
		REV K1		

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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