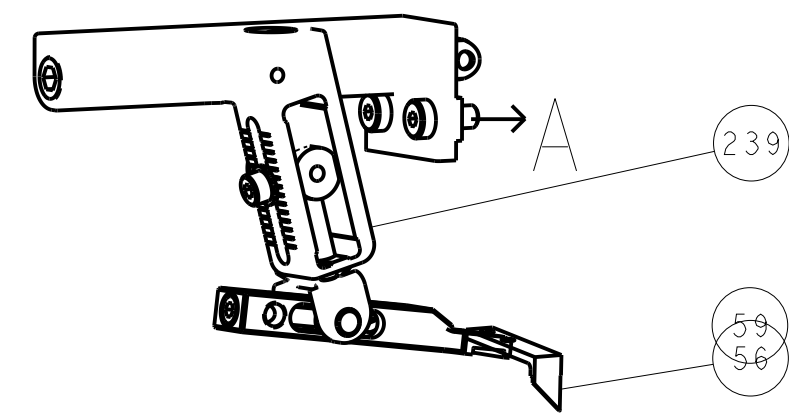
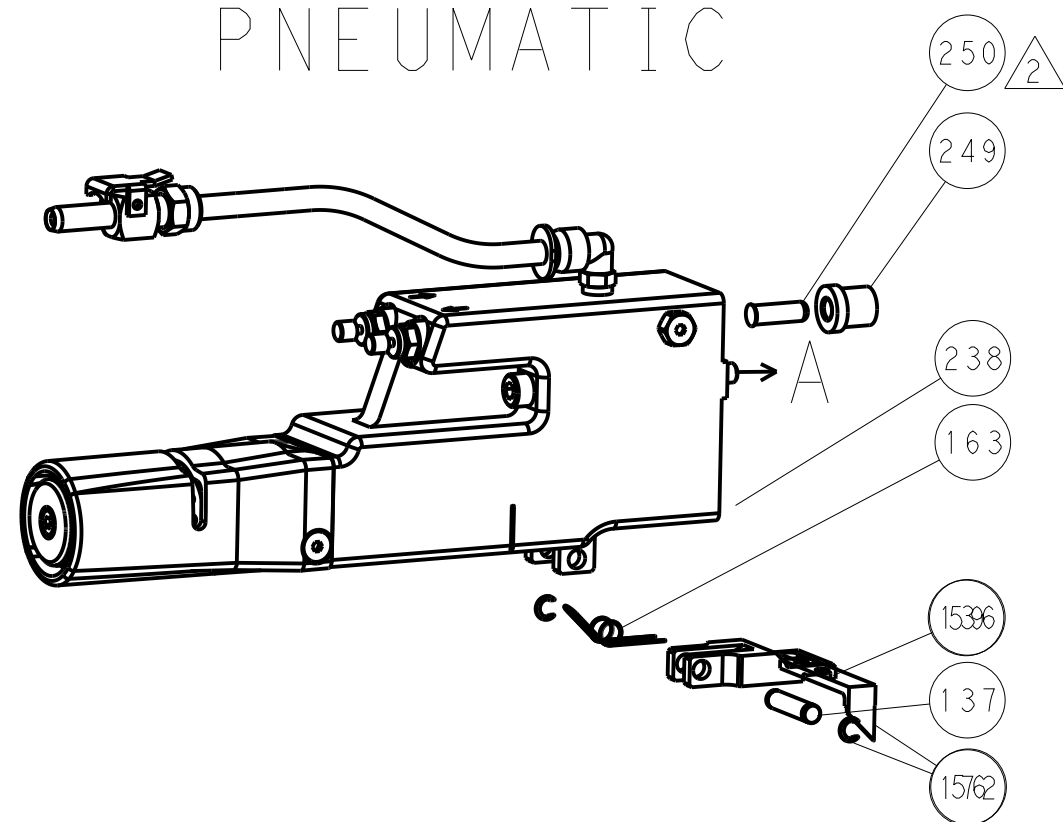


LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

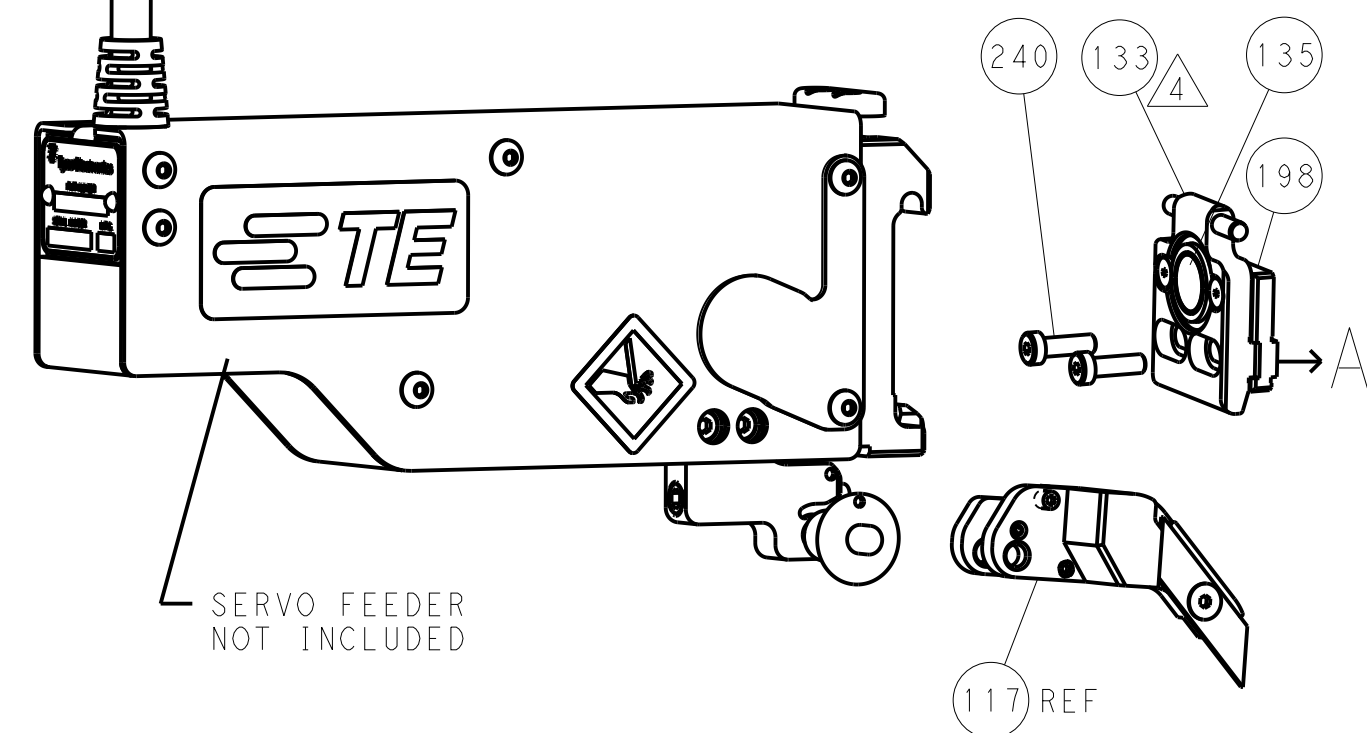
FEED TYPE MECHANICAL



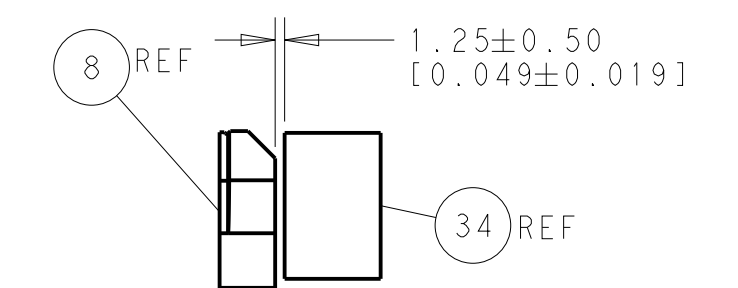
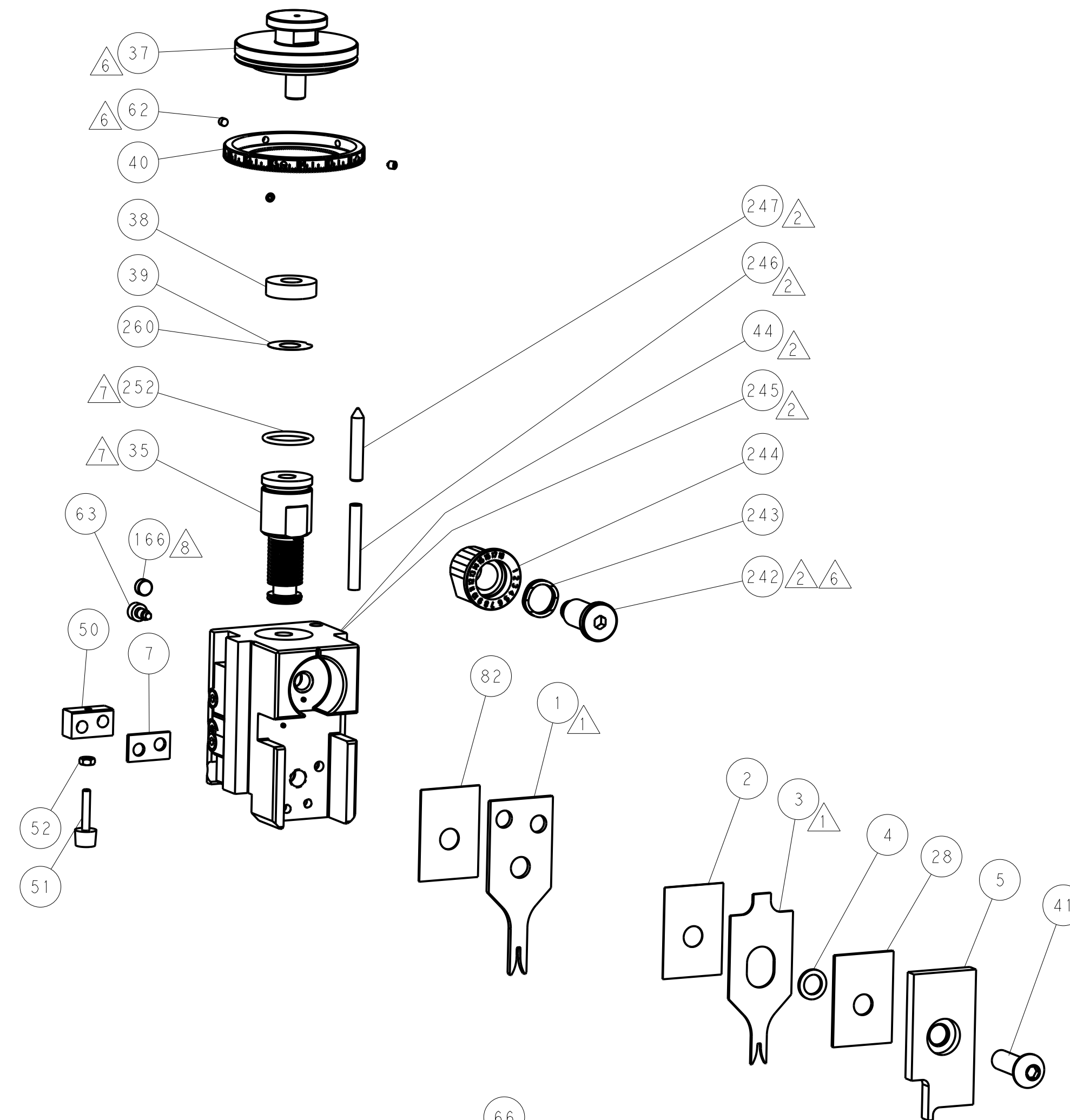
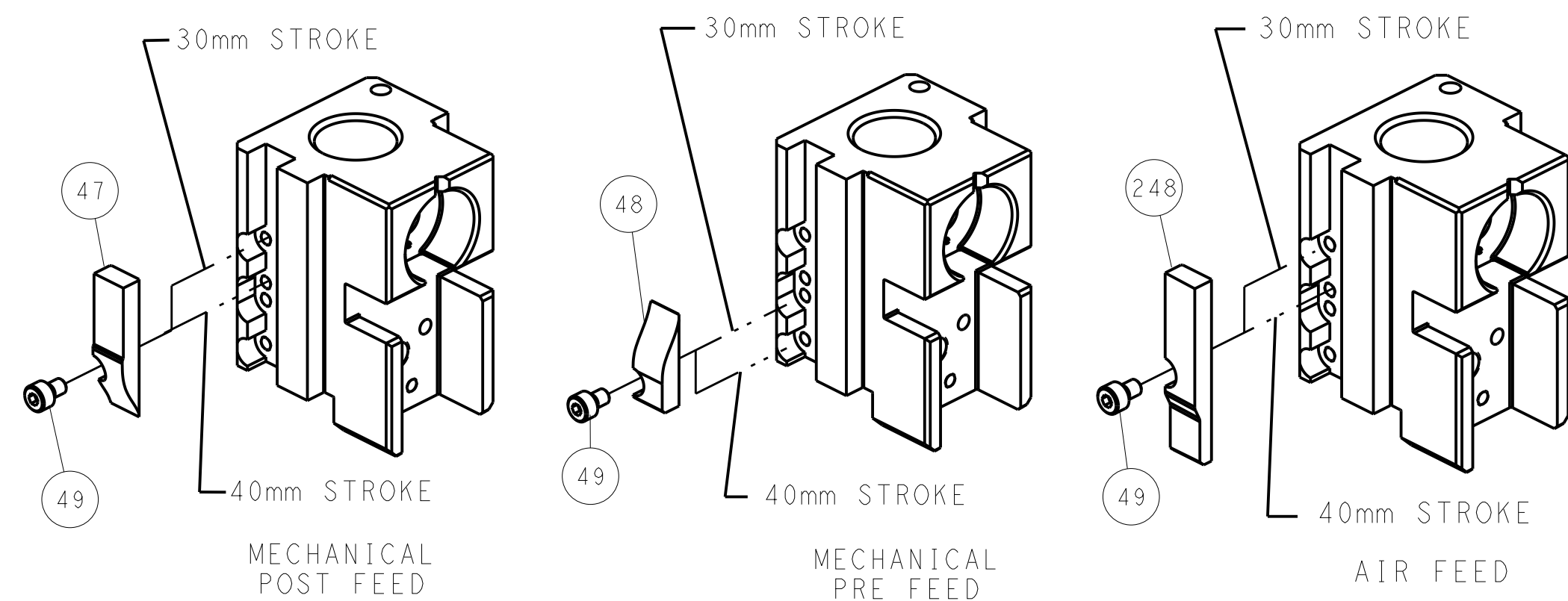
PNEUMATIC



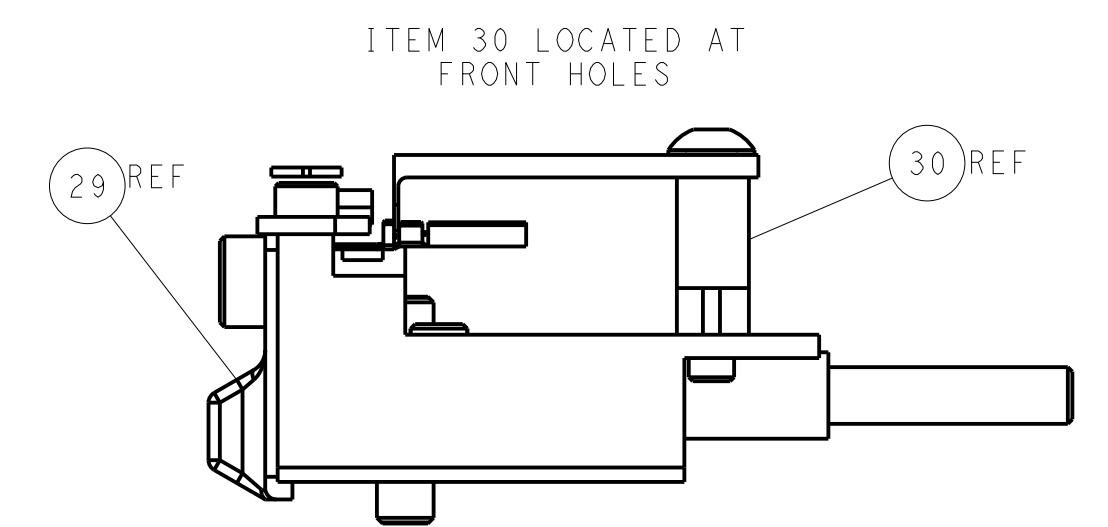
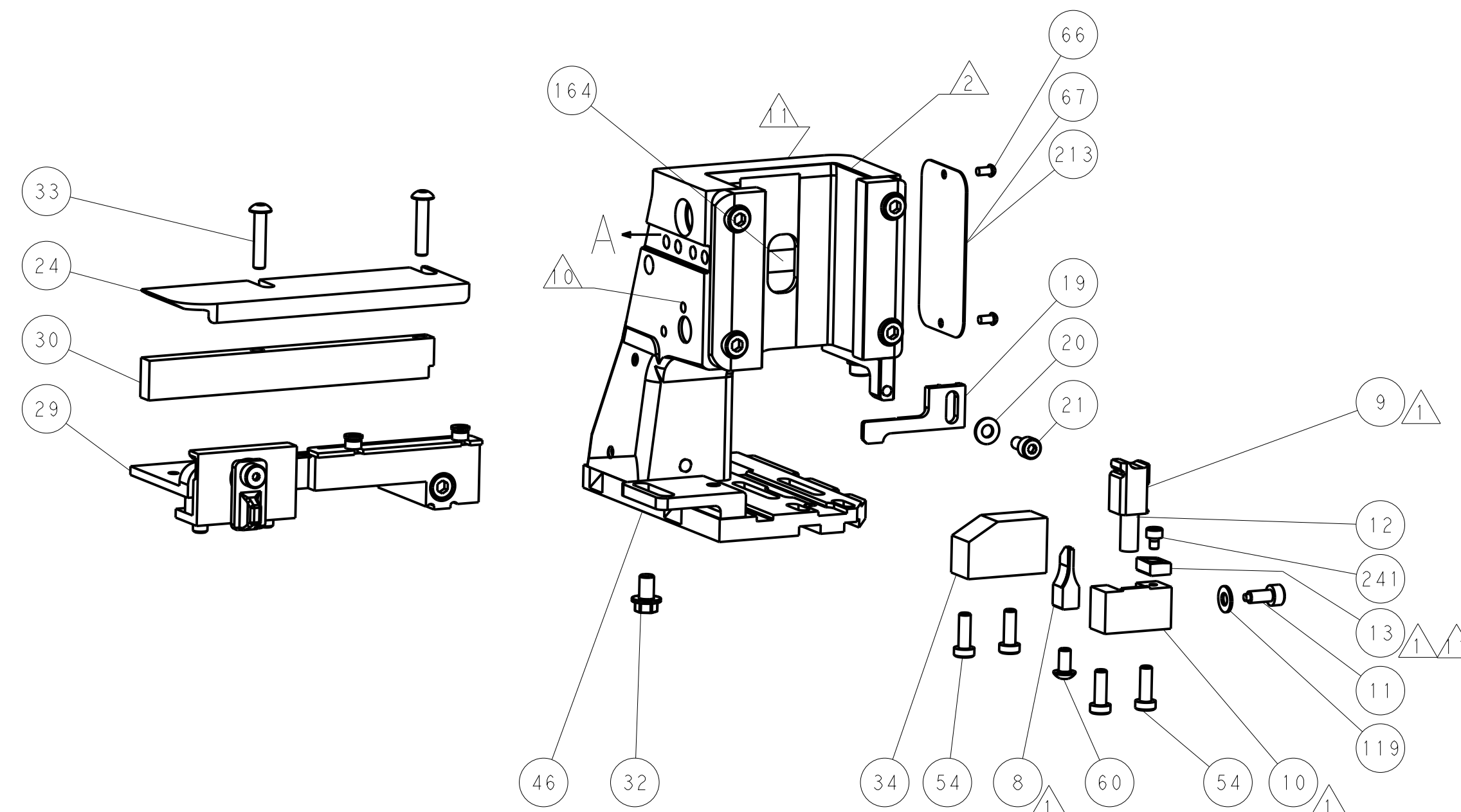
SERVO LATCH PLATE



CAM POSITIONS



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: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN: HOFFNER 19APR2013		CHK: TELBIN 22APR2013		APVD: TELBIN 22APR2013		NAME: Ocean Side Feed Applicator	
0 PLC ±.5		1 PLC ±0.13		2 PLC ±0.13		3 PLC ±0.13		4 PLC ±0.001		SIZE: A1	
MATERIAL: -		FINISH: -		WEIGHT: -		Customer Accessible Production Drawing		SCALE: 1:2		SHEET: 2 of 4	
										REV: A2	

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

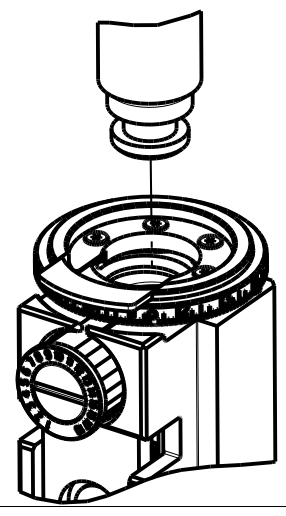
RELEASED FOR PUBLICATION

20

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PACIFIC VERSION
TERMINATOR
INTERFACE ADAPTER



PART
NUMBER

2-2151929-1

REVISION

A

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

MECHANICAL

CONVERT TO

PNEUMATIC FEED

PART NUMBERS REQUIRED

2119950-1

2-2151929-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

2119950-1

2-2151929-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

2119949-1

2-2151929-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

MECHANICAL FEED

2119949-1

2-2151929-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

2119950-1

7-2151929-7

A

CRIMP TOOLING KIT

-

-

-

APPLICATOR DATA

CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	1.60 mm [.063]	F

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: MOLEX TERMINAL

MOLEX CRIMP SPECIFICATION

TERMINAL NAME: MICRO-FIT (3.0) FEMALE CRIMP TERMINAL

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
2.54-2.92 mm [.100-.115 IN]	Ø1.10-1.30 mm [.043-.051 IN]

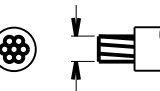
TERMINAL APPLICATION SPECIFICATION

63901-8800 Rev C

TERMINALS APPLIED

TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
286747-1	43030-0003	286974-2	43031-0002
286747-2	43030-0002	286974-3	43031-0003
286747-3	43030-0001	286974-4	43031-0017
286747-4	43030-1001	286974-5	43031-0018
286747-5	43030-0051	286974-6	43031-0051
286747-6	43030-0052	286974-7	43031-0052
286747-7	43030-0053	286974-8	43031-0053
286747-8	45773-0001	286974-9	43031-0102
286747-9	45773-0002	1-286974-0	43031-0103
1-286747-0	45773-0003	1572840-1	44372-0002
1-286747-1	45773-0053	1572840-2	44372-3606
286974-1	43031-0001		

WIRE SIZE



CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING

20 AWG OR 0.50mm2	0.95+/-0.04 [.0375+/- .0015]	8.3
22 AWG OR 0.35mm2	0.875+/-0.035 [.0345+/- .0015]	9.1
24 AWG OR 0.20mm2	0.815+/-0.035 [.032+/- .001]	9.8

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: 8-2151929-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151929-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151929-5

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.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 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.

THIS APPLICATOR IS FOR INSULATION RANGE Ø1.10-1.30.
REFER TO APPLICATOR 2151941 FOR INSULATION RANGE Ø 2.31-2.77.
REFER TO APPLICATOR 2151375 FOR INSULATION RANGE Ø 1.30-1.85.

APPLICATOR STYLE CONVERSION CHART

CONVERT TO	PART NUMBERS REQUIRED
PNEUMATIC FEED	2119950-1
SERVO LATCH PLATE	2119951-1
SMART APPLICATOR	2161326-1
MECHANICAL FEED	2119949-1
SERVO LATCH PLATE	2119951-1
SMART APPLICATOR	2161326-1
MECHANICAL FEED	2119949-1
PNEUMATIC FEED	2119950-1
-	-
-	-

TERMINAL DATA: ANDERSON TERMINAL

MOLEX CRIMP SPECIFICATION

TERMINAL NAME: MICRO-FIT (3.0) FEMALE CRIMP TERMINAL

WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
2.54-2.92 mm [.100-.115 IN]	Ø1.10-1.30 mm [.043-.051 IN]

TERMINAL APPLICATION SPECIFICATION

63901-8800 Rev C

TERMINALS APPLIED

TE TERMINAL	ANDERSON TERMINAL	TE TERMINAL	ANDERSON TERMINAL
1-286747-2	4202G1	1-286974-1	4203G1
1-286747-3	4202G3	1-286974-2	4203G3

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

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

-

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

-

-

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1

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240638-1

SPRING, FEED FINGER

163

-

1

1

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1

8-21084-1

O-RING, .801 ID, .070 DIA. MAT.

152

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-

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

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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

-

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2119944-1

FEED FINGER ASSEMBLY,SF

117

-

1

1

1

1

455888-5

SPACER, CRIMPER

82

-

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

1338685-1

PAWL, FEED

56

-

2

2

2

2

2168083-3

SCR, SKT HD CAP, RoHS, M4 X 12.0

53

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1

1

1

1

5018030-1

NUT, HEX, REG, RoHS, M3

52

-

1

1

1

1

811242-5

BUMPER, HOLD DOWN

51

-

1

1

1

1

690753-2

SPACER, TONKER

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

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1

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1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

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1

1

1

1

2119957-1

APPLICATOR SHIM PACK

39

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1

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1

1

2119644-1

RAM WASHER, PRECISION

38

-

1

1

1

1

1752356-3

SUPPORT, TERMINAL

34

-

2

2

2

2

2079383-5

SCR, BHSC, RoHS (M4 X 20)

33

-

1

1

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1

2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

-

1

1

1

1

1320908-6

SPACER, STRIP GUIDE

30

-

1

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1

2119959-1

ASSEMBLY, STRIP GUIDE

29

-

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1

1-455888-0

SPACER, CRIMPER

28

-

1

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1

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1320928-2

STRIP GUIDE

24

-

1

1

1

1

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

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1

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1

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1-18028-2

WASHER, FLAT, REG M4

20

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2119533-1

STRIPPER, SIDE FEED

19

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1

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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

462006-6

FLOATING SHEAR, FRONT

9

-

1

1

1

1

1-1633917-6

ANVIL, COMBINATION

8

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1

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1

3-240641-9

SPACER

7

-

-

-

-

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-

6

-

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1

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1

2119757-8

DEPRESSOR, SHEAR

5

-

1

1

1

1

5-238011-3

BLOCK, CRIMPER SPACER

4

-

1

1

1

1

7-2119582-6

CRIMPER, INSULATION F PREMIUM

3

-

1

1

1

1

455888-3

SPACER, CRIMPER

2

-

1

1

1

1

1-456402-5

CRIMPER, WIRE PREMIUM

1

-77

-27

-25

-22

-21

PART NO

DESCRIPTION

ITEM NO

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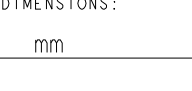
OWN
T.ELBIN
22APR2013

CHK
T.ELBIN
22APR2013

APVD
T.ELBIN
22APR2013

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±0.13

2 PLC ±0.13

3 PLC ±0.13

4 PLC ±0.0001

ANGLES ±.5

FINISH

MATERIAL

-

FINISH

-

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

Customer Accessible Production Drawing

SCALE 1:2

SHEET 3 OF 4

REV A2

NAME

Ocean Side Feed Applicator

SIZE

CAGE CODE

DRAWING NO

00779

©=2151929

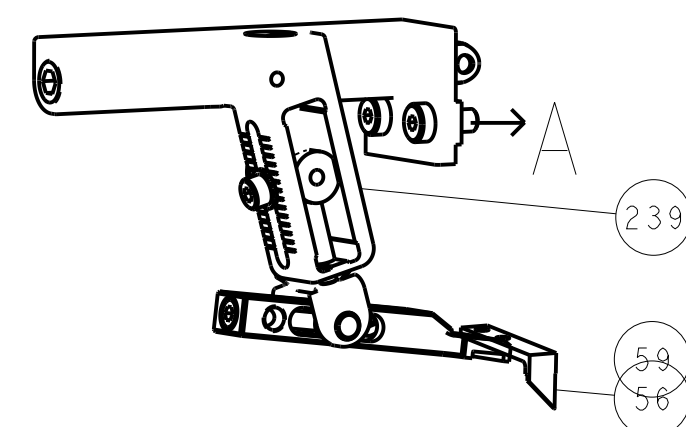
RESTRICTED TO

-

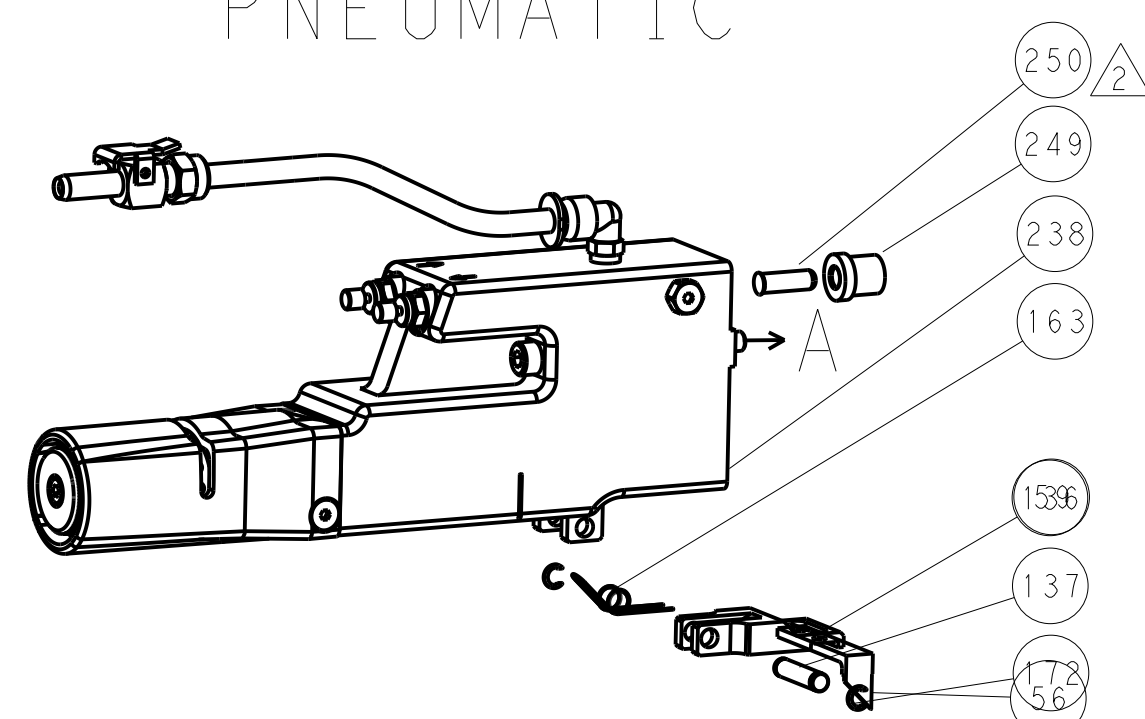
SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

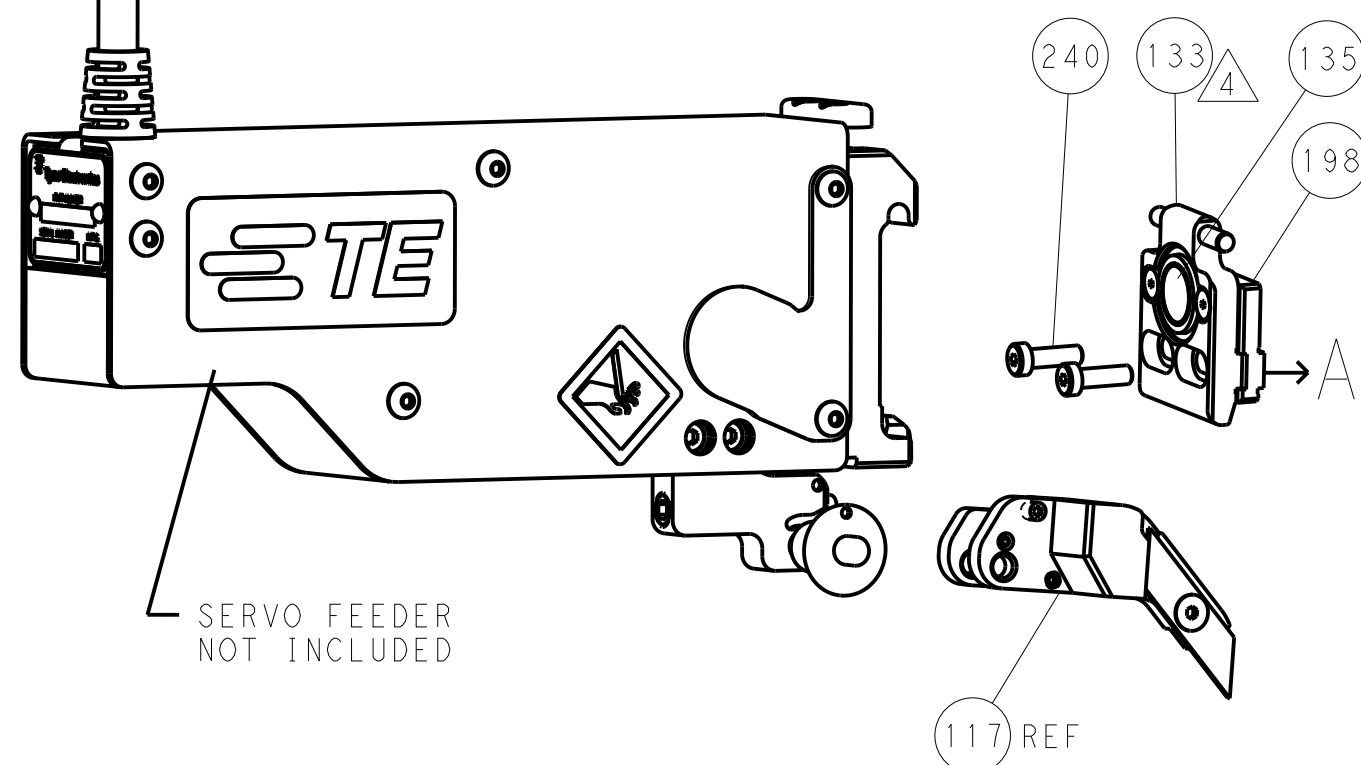
FEED TYPE
MECHANICAL



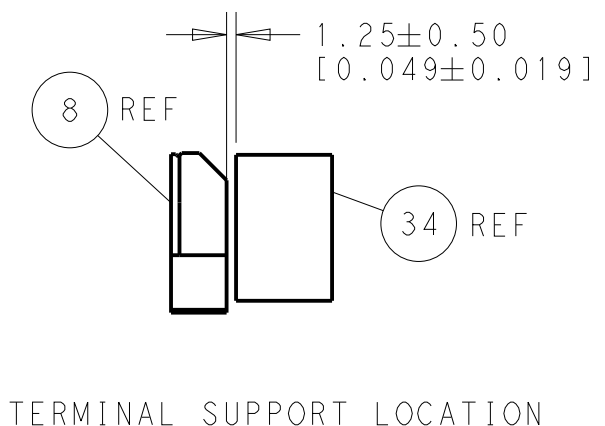
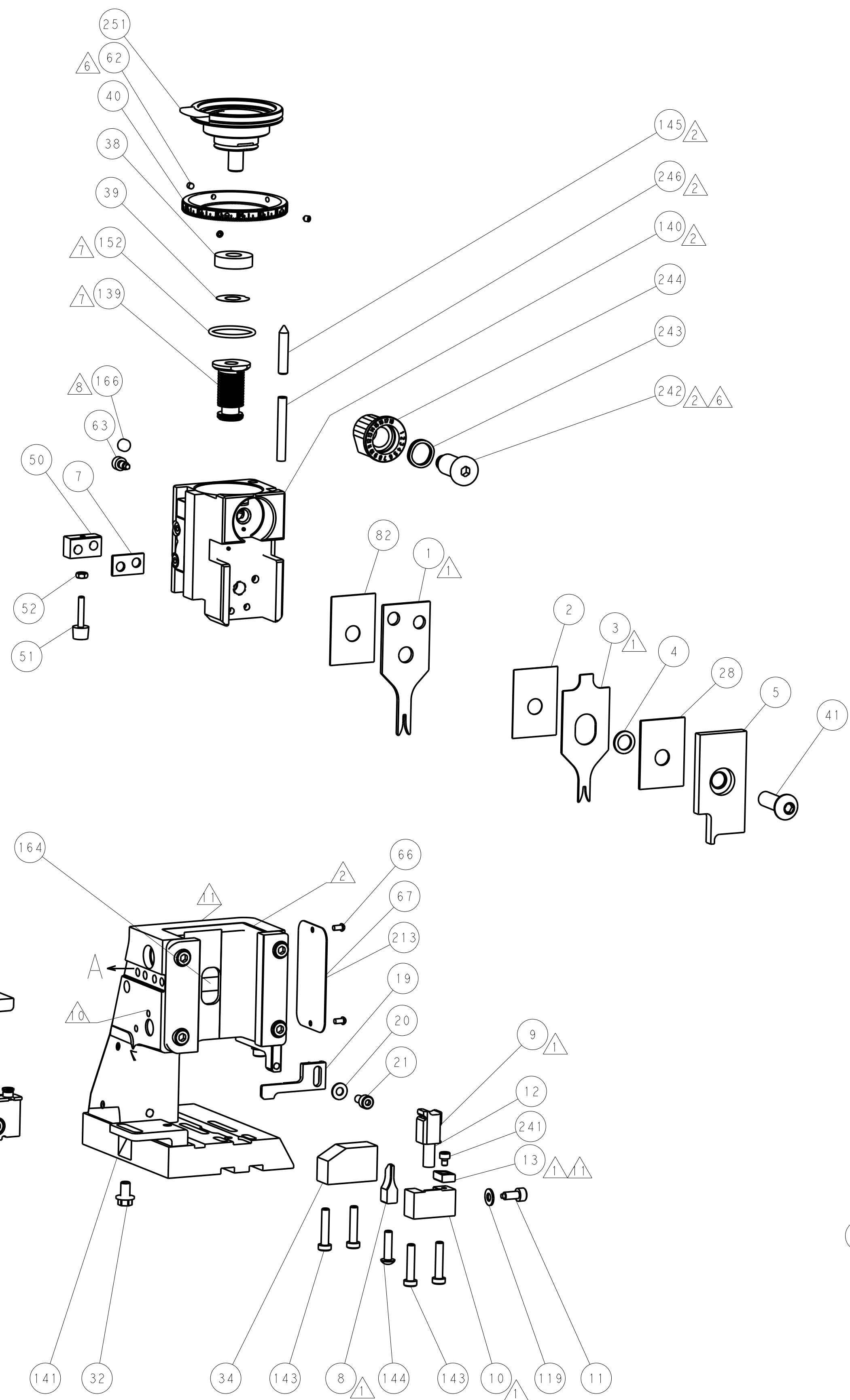
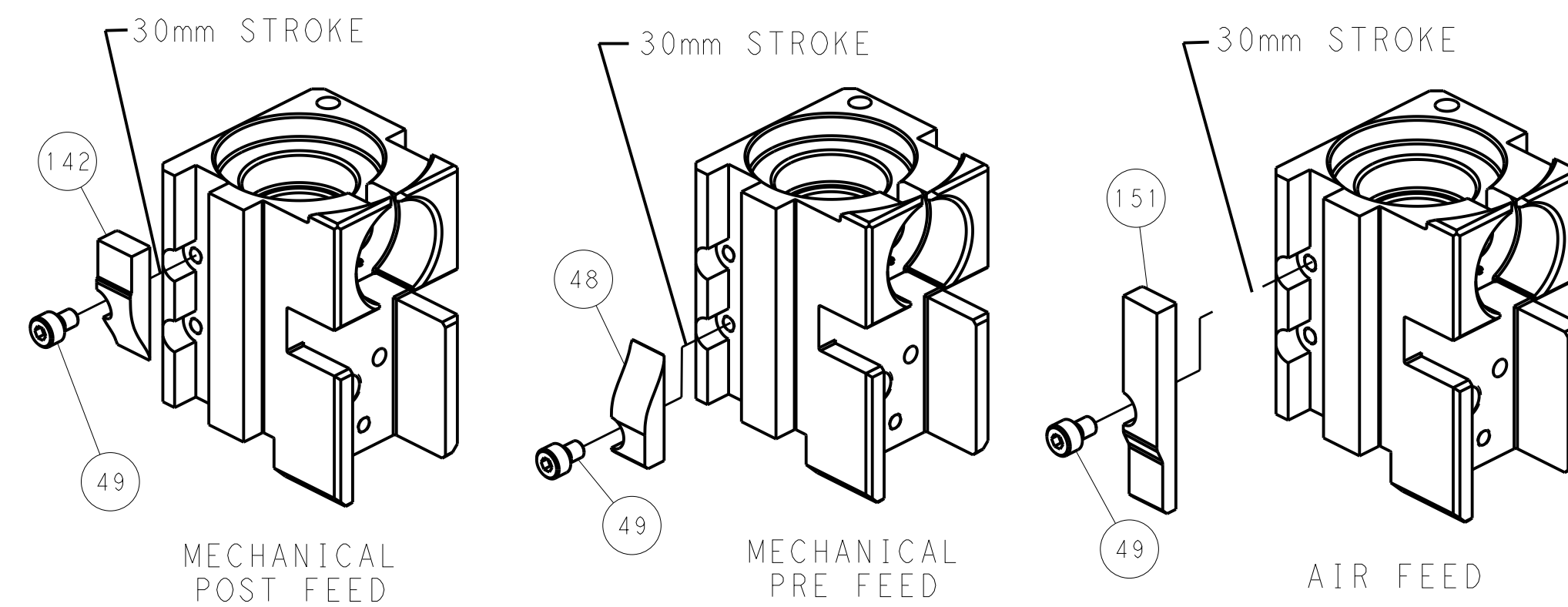
PNEUMATIC



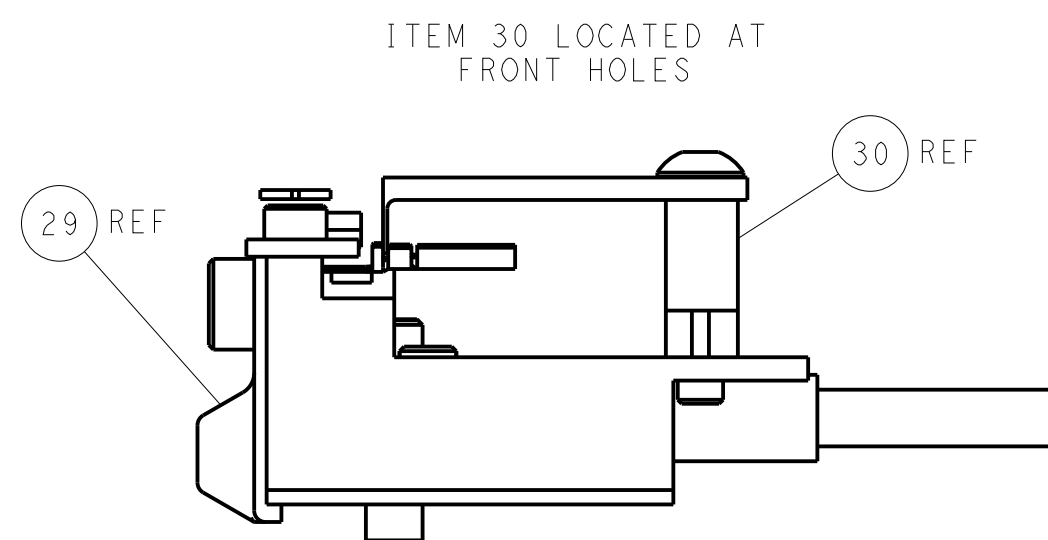
SERVO
LATCH PLATE



CAM POSITIONS



TERMINAL SUPPORT LOCATION



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: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN: HOFFNER 19APR2013 CHK: T.ELBIN 22APR2013 APVD: T.ELBIN 22APR2013		NAME: Ocean Side Feed Applicator	
0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001		FINISH: -		PRODUCT SPEC: -		APPLICATION SPEC: -	
MATERIAL: -		WEIGHT: -		SIZE: A1		CAGE CODE: 00779	
				DRAWING NO: 2151929		RESTRICTED TO: -	
				Customer Accessible Production Drawing		SCALE: 1:2	
				SHEET: 4		OF: 4	
				REV: A2			