

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

20

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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

REVISION

DESCRIPTION

FEED TYPE

2266706-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

2266706-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

2266706-5

A

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴

2266706-6

A

NON-CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴¹²

2266706-7

A

FINE CRIMP HEIGHT ADJUST

NONE

7-2266706-7

A

CRIMP TOOLING KIT

-

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

8-2266706-5

8-2266706-4

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

8-2266706-5

8-2266706-4

2119653-1

1901094-3

-

-

-

-

2119799-1

-

-

2063440-1

2168400-6 (QUANTITY 2)

-

MECHANICAL FEED

PNEUMATIC FEED

-

-

2119950-1

2119950-1

-

-

1338685-1

1338685-1

-

-

5-18022-5

5-18022-5

-

-

2119641-1

2119641-1

-

-

2119799-1

2119799-1

-

-

2063440-1

2063440-1

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.79 mm [.110]

F

INSUL

3.99 mm [.157]

F

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: KET TERMINAL

KET CRIMP SPECIFICATION

TERMINAL NAME: .118(PA) REC TERMINAL

WIRE STRIP LENGTH 4.50-5.50 mm [.177-.217 IN]

INSULATION DIAMETER RANGE Ø 3.30 mm [.130 IN] MAX

TERMINAL APPLICATION SPECIFICATION

KET .118(PA) RECTERMINAL(M)

-

TERMINALS APPLIED

TE TERMINAL

KET TERMINAL

TE TERMINAL

KET TERMINAL

2113672-1

ST730186-1

2113672-3

ST730186-3

2113672-2

ST730186-2

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

2.00mm2

1.75+/-0.05 [.069+/- .002]

5.2

1.25mm2

1.55+/-0.05 [.061+/- .002]

7.2

0.85mm2

1.45+/-0.05 [.057+/- .002]

8.3

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: 8-2266706-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2266706-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2266706-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2266706-6

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.
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 A NON CRIMP HEIGHT ADJUST APPLICATOR (-6) USE SHIMS FROM ITEM 260 TO ACHIEVE A NOMINAL SHIM HEIGHT OF 4.05.

ATLANTIC VERSION

Shown on sheets 1 of 4 & 2 of 4

(Pacific version shown on sheets 3 of 4 & 4 of 4)

AMP 4805 REV 31MAR2000

1

SET UP GAUGE
2119599-1

LOC
A

DIST
66

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

A

RELEASED

12MAR2015

RK

GB

-

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

-

-

1

-

-

-

2119758-1

RAM, AMP STYLE, SIDE FEED, NON-ADJ.

245

-

1

1

1

1

1

2119082-3

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

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-

1633743-1

SERVO FEED LATCH ASM

133

-

-

REF

REF

-

-

2119944-1

FEED FINGER ASSEMBLY,SF

117

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1

1

1

1

1

455888-5

SPACER, CRIMPER

82

-

1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

-

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

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

-

2

2

2

2

2

1-2168083-0

SCR, SKT HD CAP, RoHS, M4 X 10

53

-

1

1

1

1

1

5018030-1

NUT, HEX, REG, RoHS, M3

52

-

1

1

1

1

1

811242-5

BUMPER, HOLD DOWN

51

-

1

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

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

1-2119644-2

RAM WASHER, PRECISION

38

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1

1

1

1

1

2119085-1

FA HEAD, ATLANTIC STYLE

37

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1

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1

1

2119092-1

BOLT, ADJUSTMENT

35

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1

1

1

1

1

1752356-3

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

1-1320908-2

SPACER, STRIP GUIDE

30

-

1

1

1

1

1

2119959-1

ASSEMBLY, STRIP GUIDE

29

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1

1

1

1

1

455888-3

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

-

2

2

2

2

2

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

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3-1803057-9

ANVIL, COMBINATION

8

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6

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1

2119757-8

DEPRESSOR, SHEAR

5

-

1

1

1

1

1

3-238011-8

BLOCK, CRIMPER SPACER

4

-

1

1

1

1

1

9-1633961-1

CRIMPER, INSULATION F PREMIUM

3

-

1

1

1

1

1

455888-8

SPACER, CRIMPER

2

-

1

1

1

1

1

8-456408-0

CRIMPER, WIRE PREMIUM

1

-77

-7

-6

-5

-2

-1

2119957-2

APPLICATOR SHIM PACK

260

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

THIS IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE CURRENT REVISION OF THIS DRAWING. ANY CHANGES TO THIS DRAWING SHALL BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.5
1 PLC ±0.13
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±.5

MATERIAL
-

DWN
R. HUANG
CHK
L. ZHANG
APVD
J. GUO
27FEB2015
27FEB2015
12MAR2014

NAME
Ocean Side Feed
Applicator

SIZE
A

CAGE CODE
00779

DRAWING NO
C=2266706

RESTRICTED TO
-

Customer Accessible Production Drawing

SCALE
1:2

SHEET
1

OF
4

REV
A

8

7

6

5

4

3

2

1

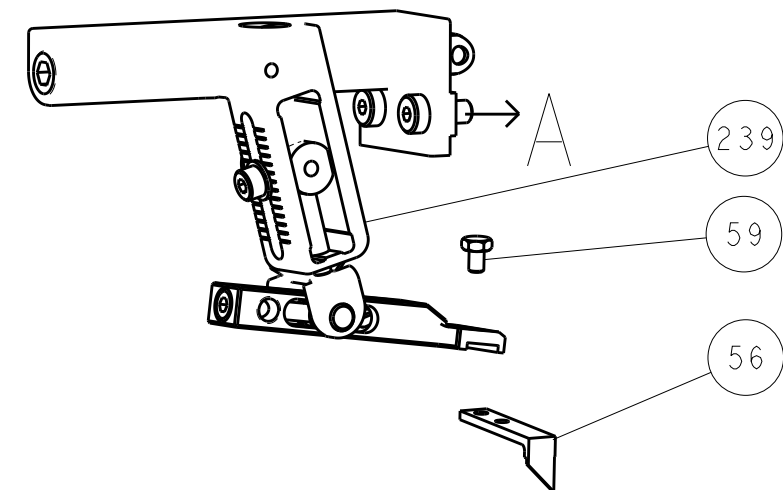
AMP 4805 REV 31MAR2000

1

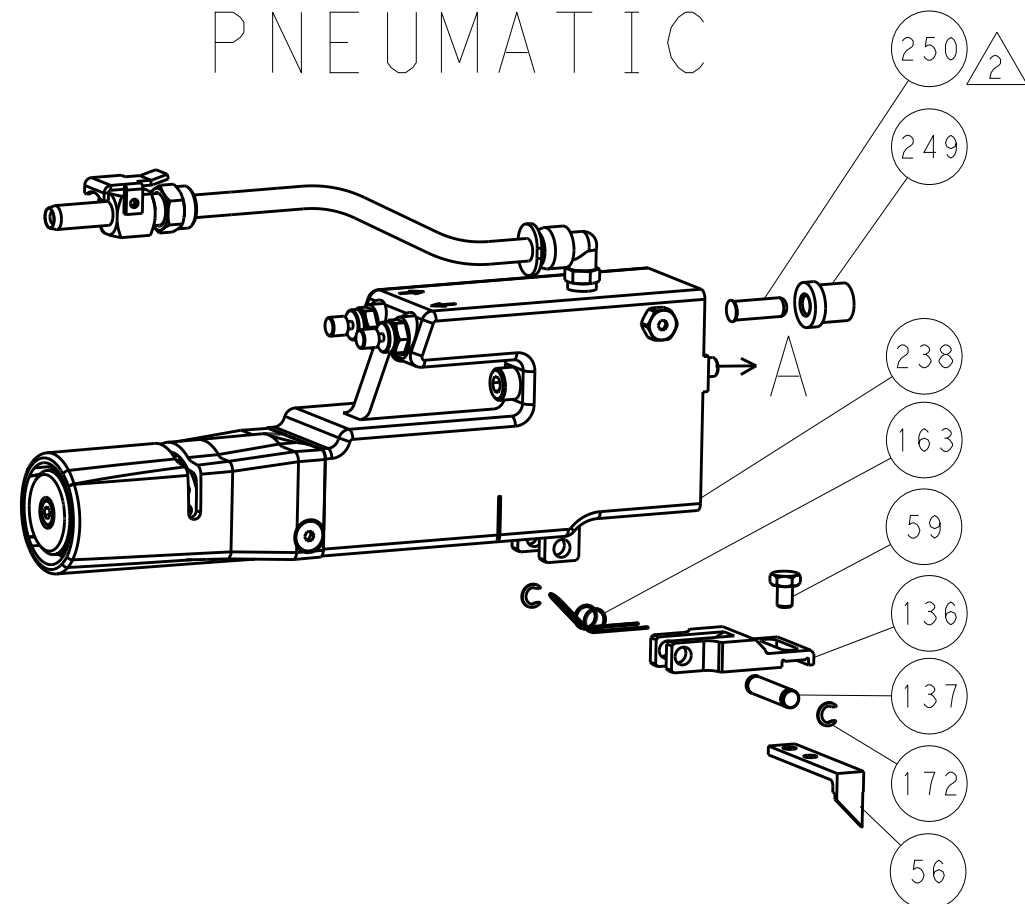
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

FEED TYPE
MECHANICAL



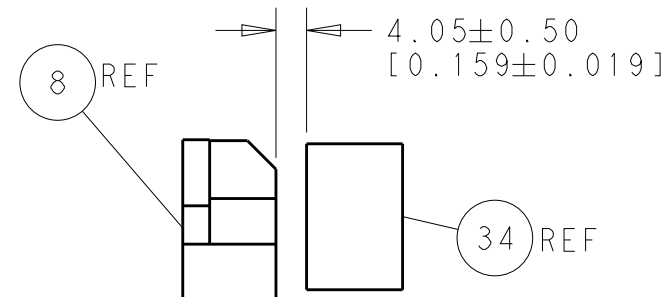
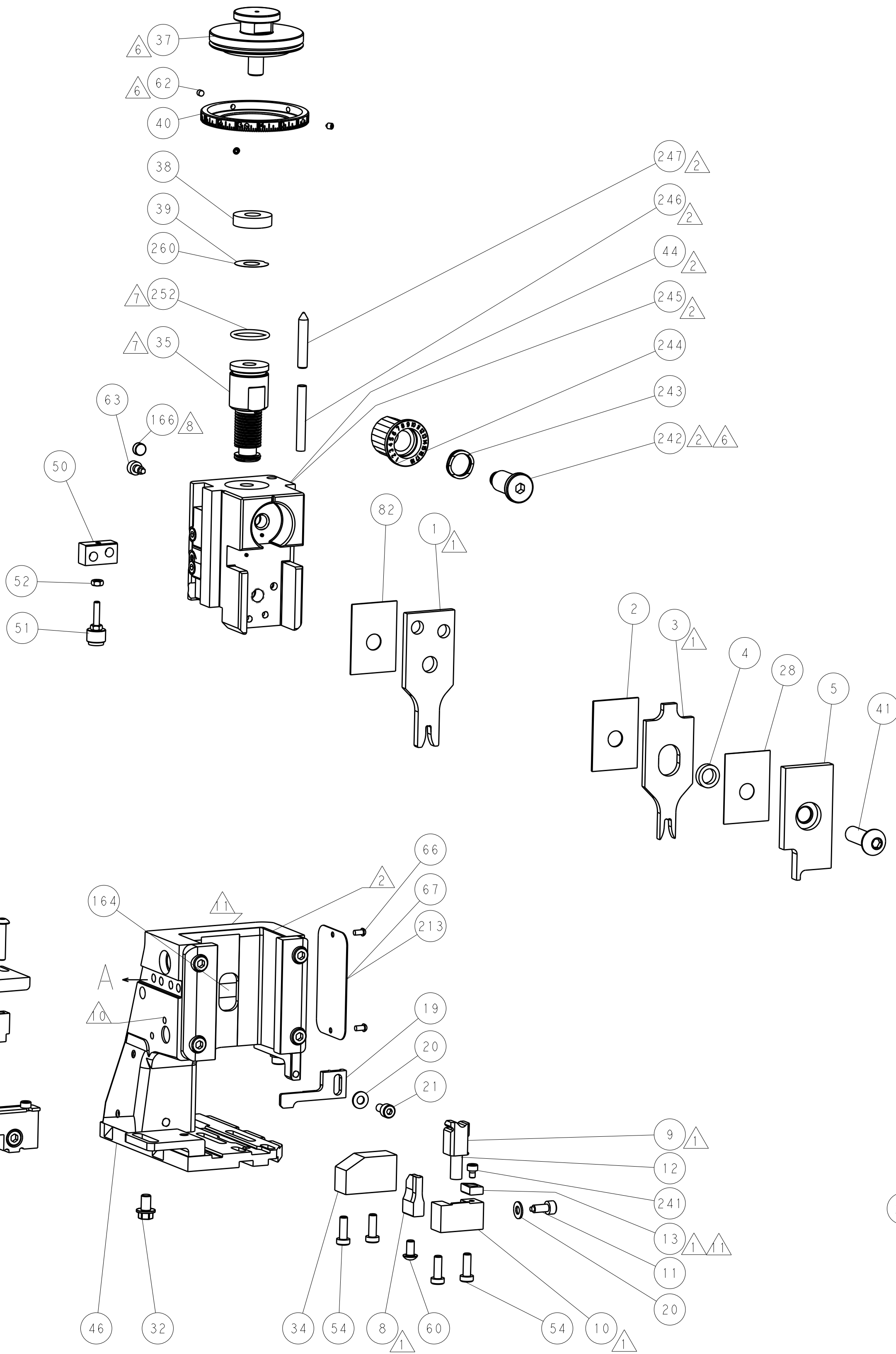
PNEUMATIC



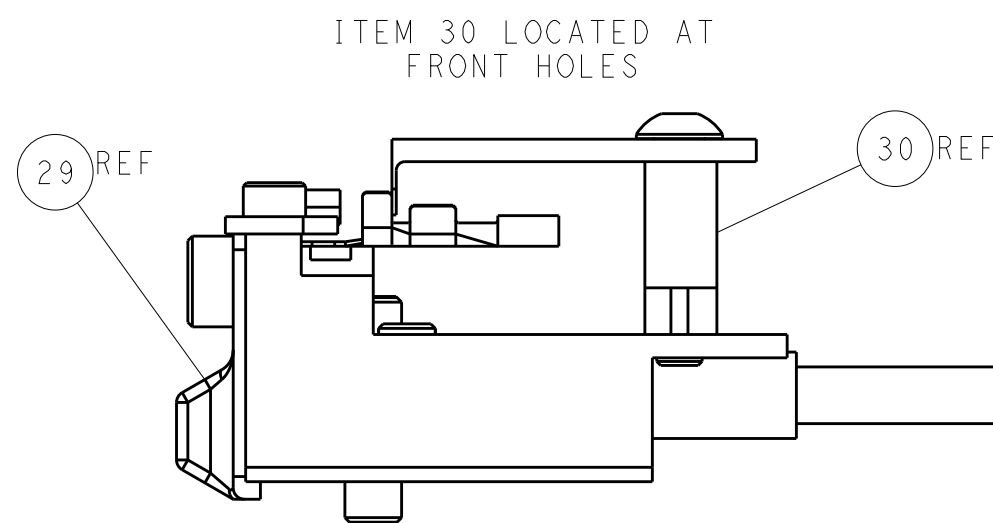
SERVO
LATCH PLATE



CAM POSITIONS



TERMINAL SUPPORT LOCATION



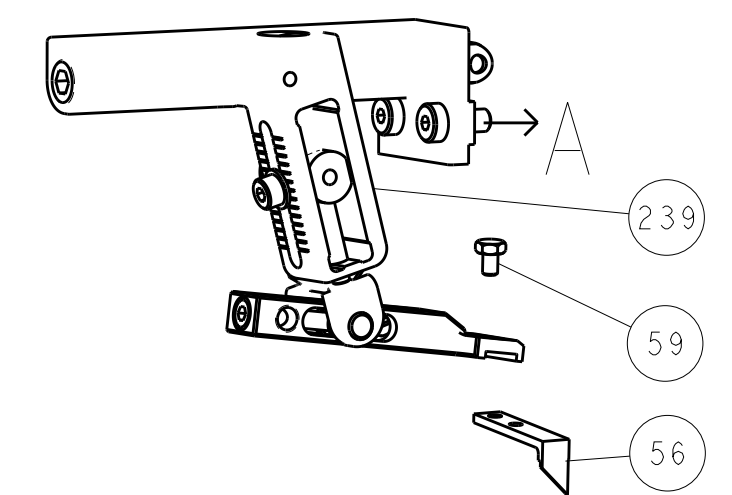
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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

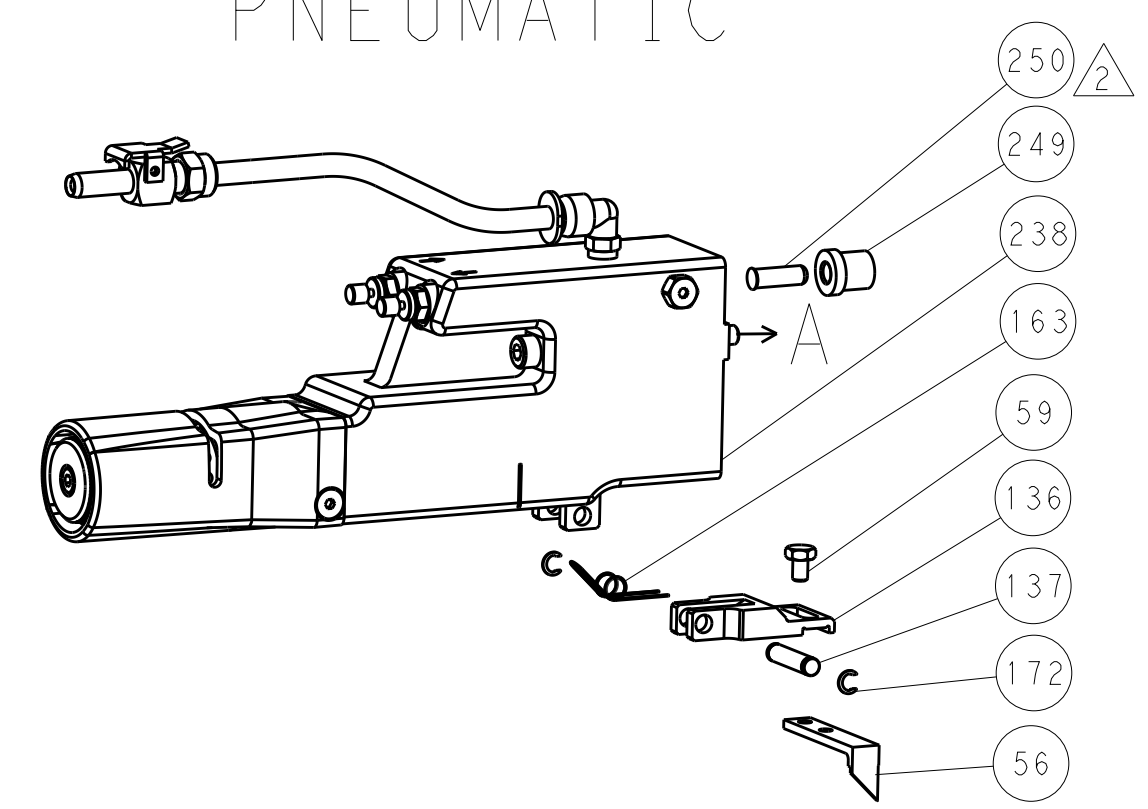
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		CHK		APVD		NAME	
mm		0 PLC ±0.5		K. HUANG		L. ZHANG		J. GUO		Ocean Side Feed Applicator	
1 PLC ±0.13		2 PLC ±0.13		12MAR2014		12MAR2014		12MAR2014		-	
3 PLC ±0.13		4 PLC ±0.0001		-		-		-		-	
MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE		DRAWING NO	
-		-		-		A1		00779		C=2266706	
Customer Accessible Production Drawing		SCALE		1:2		SHEET		2		OF 4	
										REV	
										A	

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

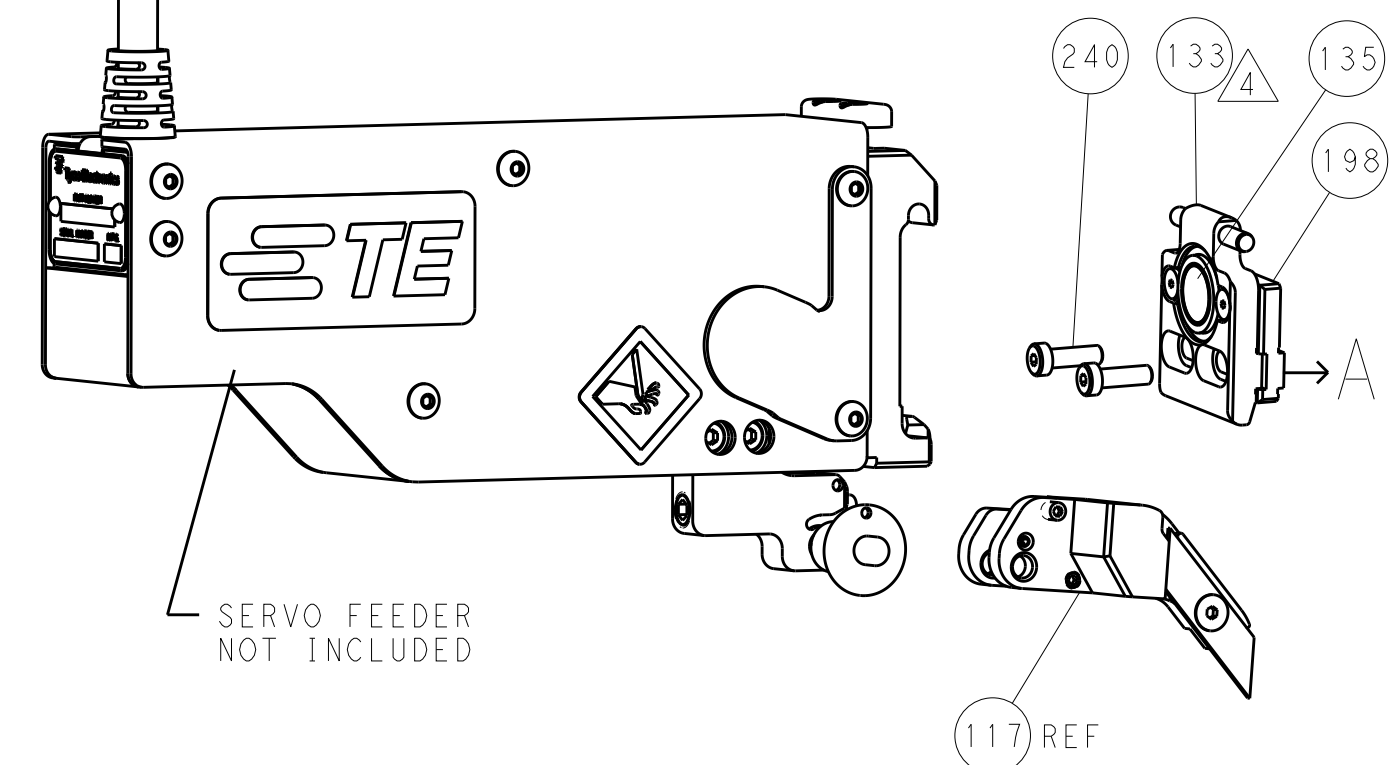
FEED TYPE
MECHANICAL



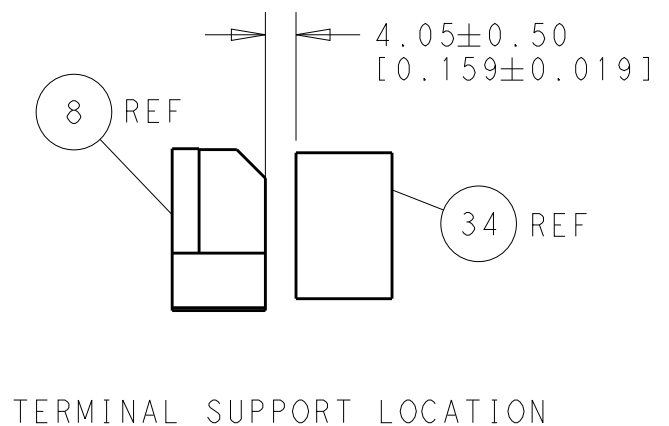
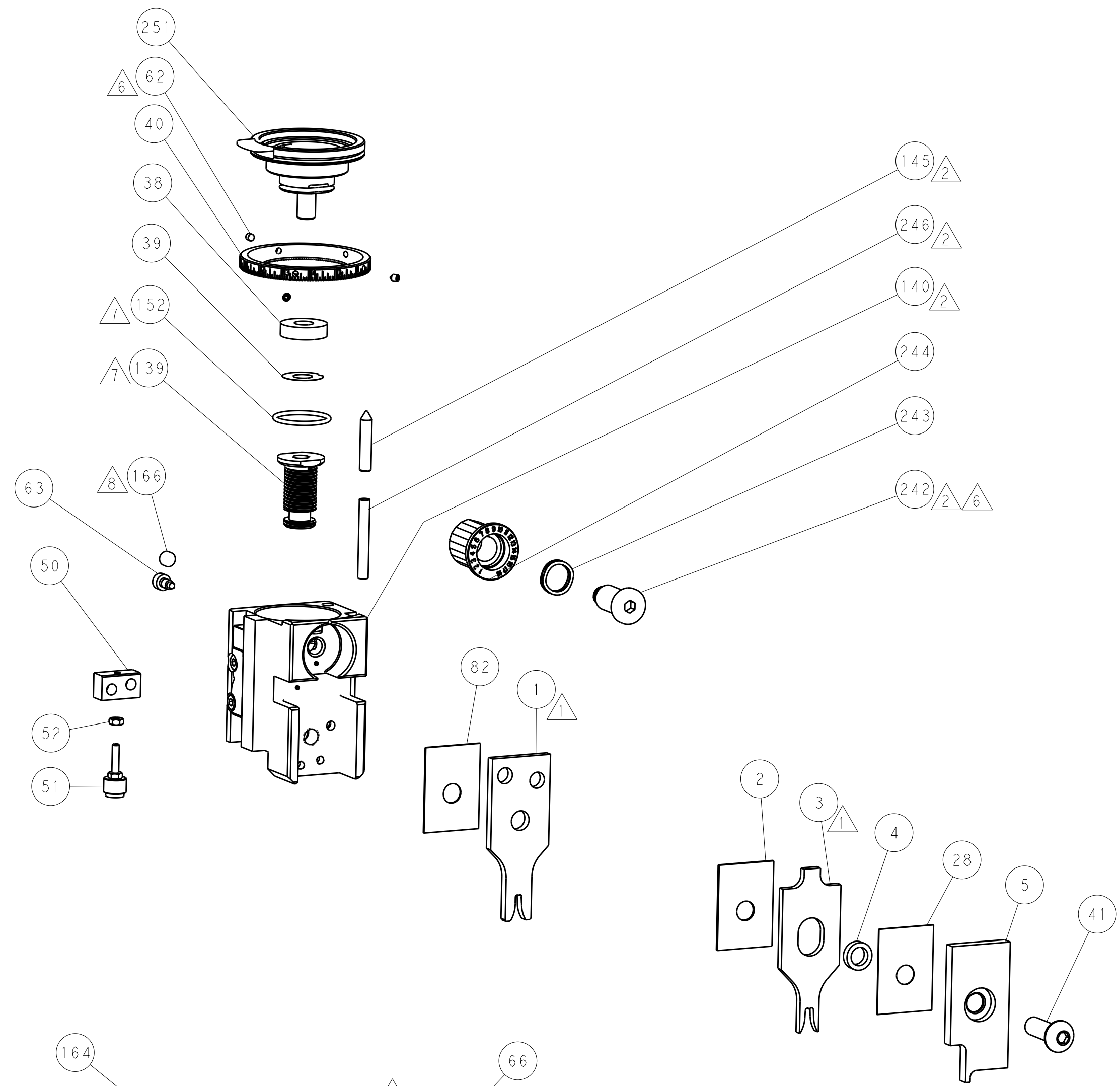
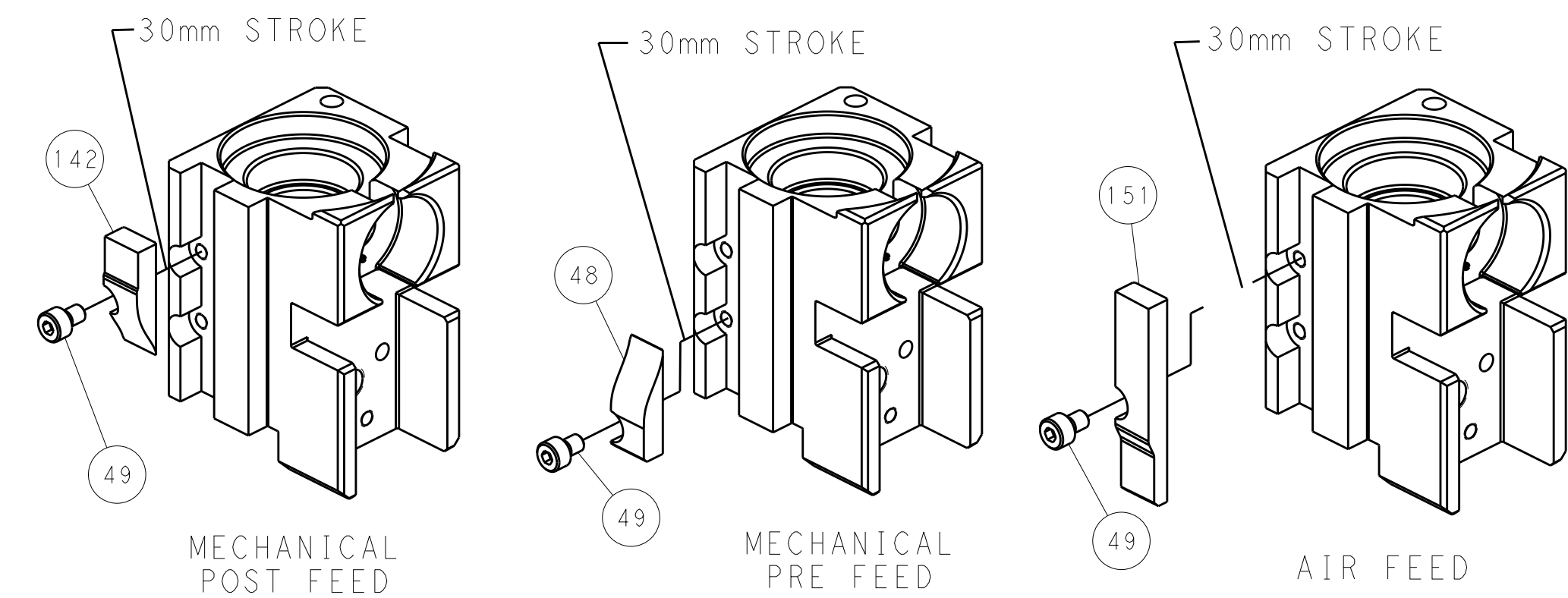
PNEUMATIC



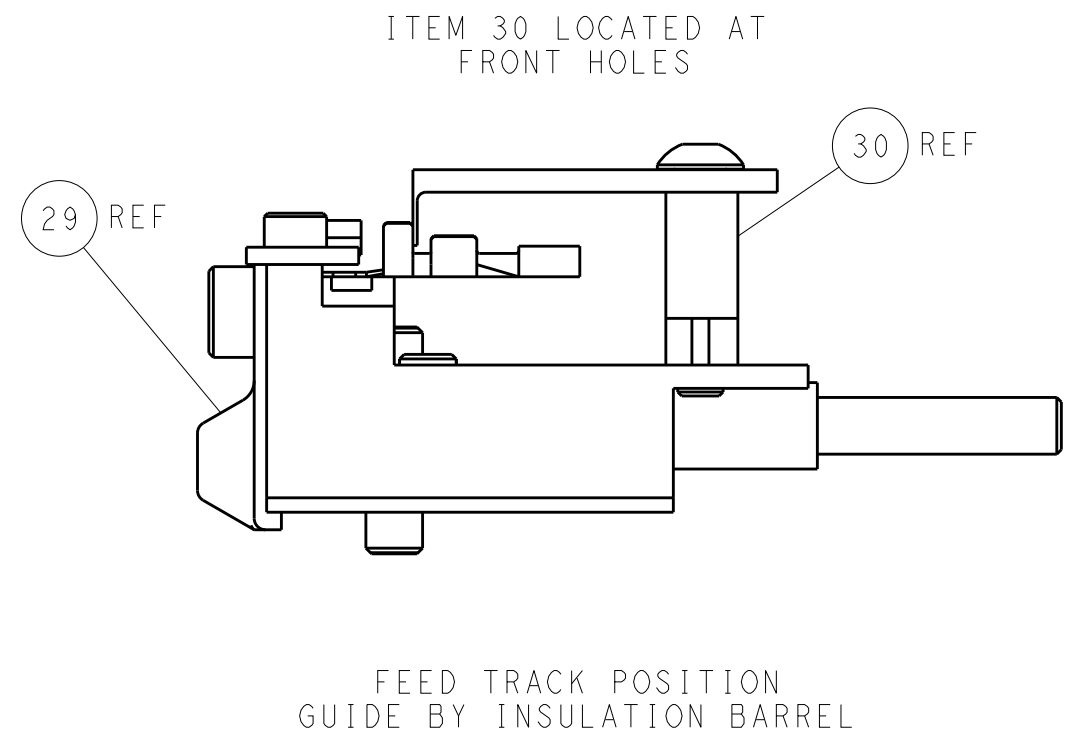
SERVO
LATCH PLATE



CAM POSITIONS



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



DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.5		DWN K. HUANG CHK L. ZHANG APVD J. GUO	12MAR2014 12MAR2014 12MAR2014	NAME Ocean Side Feed Applicator		SIZE A	CAGE CODE 00779	DRAWING NO. C=2266706	RESTRICTED TO -
MATERIAL -		FINISH -		WEIGHT -		Customer Accessible Production Drawing		SCALE 1:2	SHEET 4	OF 4	REV A

Mouser Electronics

Authorized Distributor

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[2266706-1](#)