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RELEASED FOR PUBLICATION

20

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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

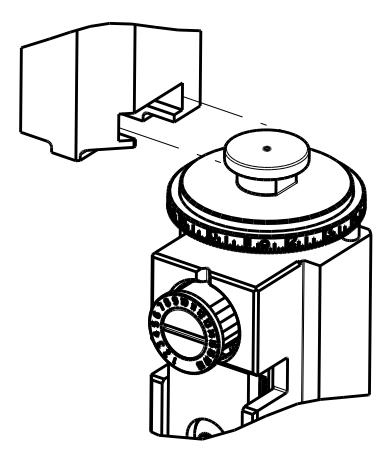
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151644-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151644-5

8-2151644-4

2119641-1

1901094-3

-

2119799-1

-

-

2063440-1

2168400-6 (QUANTITY 2)

-

2151644-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151644-5

8-2151644-4

2119653-1

1901094-3

-

-

-

-

-

-

-

-

2168400-6 (QUANTITY 2)

-

2151644-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

2119950-1

1338685-1

-

5-18022-5

5-18022-5

2119653-1

2119641-1

-

2119799-1

-

2063440-1

2151644-6

A

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴¹²

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2151644-7

A

FINE CRIMP HEIGHT ADJUST

NONE

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7-2151644-7

A

CRIMP TOOLING KIT

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APPLICATOR DATA

CRIMP WIRE INSUL

SIZE 2.29mm [.090] 0.00mm [.000]

TYPE F -

APPLICATOR INSTRUCTIONS 408-10389

TERMINAL DATA: MAXI-SEAL TERMINAL TE CRIMP SPECIFICATION

TERMINAL NAME: TERMINAL

WIRE STRIP LENGTH .171-.186 IN [4.34-4.72 mm]

INSULATION DIAMETER RANGE Ø.120-.125 IN [3.05-3.18 mm]

TERMINAL APPLICATION SPECIFICATION

NONE - -

TERMINALS APPLIED

TE TERMINAL 2113267-1

MAXI-SEAL TERMINAL T188

TE TERMINAL

MAXI-SEAL TERMINAL

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

14 AWG

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

8.1

16 AWG

1.50+/-0.05 [.059+/- .002]

10.7

18 AWG

1.35+/-0.05 [.053+/- .002]

12.5

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: 8-2151644-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151644-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151644-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151644-6

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.

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

*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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2119957-2

APPLICATOR SHIM PACK

260

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1

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1

1

1

8-21084-0

O-RING, .676 ID, .070 DIA. MAT.

252

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-

-

-

1

-

2119640-1

PUSH ROD, AIR FEED

250

-

-

-

-

1

-

2079988-1

BUSHING, LCH5-12, MISUMI

249

-

-

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-

1

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2119641-1

FEED CAM, AIR FEED

248

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1

-

1

1

1

2119798-1

DETENT PIN

247

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1

-

1

1

1

1-22279-3

SPRING, COMPRESSION

246

-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

P LTR

A

RELEASED

DATE 26APR2010

DWN KS

APVD TE

-

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1

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2119758-1

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

245

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1

1

1

1

1

18023-1

SCR, SKT HD CAP M3 X 5.0

241

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2

2

-

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2168400-6

SHCS, LOW HEAD, RoHS, M5 X 16

240

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-

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1

2119580-1

MECHANICAL FEED ASSEMBLY

239

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2063440-1

AIR FEED MODULE

238

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1

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2119740-2

TAG, IDENTIFICATION

213

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1901094-3

SPACER, FEEDER

198

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1

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1

993111-1

PIN, SLOTTED SPRING 3.0 X 20.0

177

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1

8-22280-7

SPRING, COMPRESSION

176

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1752353-2

GUIDE PIN, HOLDDOWN

175

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1901680-2

GUIDE PIN, HOLDDOWN

174

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2

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21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

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1

1

1

1

1

994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

-

REF

REF

REF

REF

REF

994970-2

COUNTER, MAGNETIC

164

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1

-

240638-1

SPRING, FEED FINGER

163

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-

-

-

1

-

3-23627-7

PIN, RETAIN, GRVD, 3/16 X .854

137

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1

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2119799-1

HOLDER, FEED FINGER, AF

136

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-

REF

REF

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SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

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1

1

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1633743-1

SERVO FEED LATCH ASM

133

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1

1

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1-18028-2

WASHER, FLAT, REG M4

119

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REF

REF

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2119944-1

FEED FINGER ASSEMBLY, SF

117

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1

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455888-4

SPACER, CRIMPER

82

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22281-8

SPRING, COMPRESSION

77

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854769-4

HOLDER, INS

74

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2119956-1

DOCUMENTATION PACKAGE

71

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2119791-5

DEPRESSOR, WIRE

70

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1

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2119943-1

WASHER, SPACER

69

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2119740-1

TAG, IDENTIFICATION

67

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2

2

2

2

2

2168078-1

SCREW, DRIVE, RH, RoHS

66

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1

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1

1

1

2119793-1

LIMITER, ADJUSTMENT BOLT

63

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2

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2

2

2

992763-5

SCR, SET, SOC, CONE POINT, M3 x 4.0

62

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2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

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5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

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21028-2

PIN, SLOTTED SPRING .062 X .250

58

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1338685-1

PAWL, FEED

56

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4

4

4

4

4

2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

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1-5018030-0

NUT, HEX, REG, RoHS, M3.5

52

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1

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1901681-1

HOLDDOWN, TERMINAL

51

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1

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1-1752354-4

STANDOFF, HOLD-DOWN

50

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18023-9

SCR, SKT HD CAP M4 X 6.0

49

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1

2119652-1

FEED CAM, PRE FEED

48

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2119653-1

FEED CAM, POST FEED

47

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2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

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2119370-1

RAM, AMP STYLE, SIDE FEED

44

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2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

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2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

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2119957-1

APPLICATOR SHIM PACK

39

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2119644-2

RAM WASHER, PRECISION

38

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2119085-1

FA HEAD, ATLANTIC STYLE

37

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2119092-1

BOLT, ADJUSTMENT

35

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2-1752356-2

SUPPORT, TERMINAL

34

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2

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2079383-5

SCR, BHSC, RoHS (M4 X 20)

33

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2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

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1-1320908-0

SPACER, STRIP GUIDE

30

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2119959-1

ASSEMBLY, STRIP GUIDE

29

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1-455888-0

SPACER, CRIMPER

28

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1320928-2

STRIP GUIDE

24

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2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

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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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2119806-1

INSERT, SHEAR

13

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3-22280-3

SPRING, COMPRESSION

12

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1-356885-4

STOP, SHEAR

11

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2119805-1

SHEAR HOLDER, FRONT

10

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462006-6

FLOATING SHEAR, FRONT

9

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1633933-4

ANVIL, COMBINATION

8

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2119780-9

DEPRESSOR, SHEAR

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4-456406-1

CRIMPER, WIRE PREMIUM

1

-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 REVISIONS OF THIS DRAWING. ANY CHANGES TO THIS DRAWING SHALL BE CONTACTED FOR THE LATEST EDITION.

DIMENSIONS: mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±

±

±

±

±

±

±

DWN K. STAKEN 04APRIL2012

CHK G. BAILEY 04APRIL2012

APVD T. ELBIN 04APRIL2012

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

OCEAN SIDE FEED APPLICATOR

OCEAN SIDE FEED APPLICATOR

00779

2151644

Customer Accessible Production Drawing

SCALE 1:1

SHEET 1 OF 4

REV A

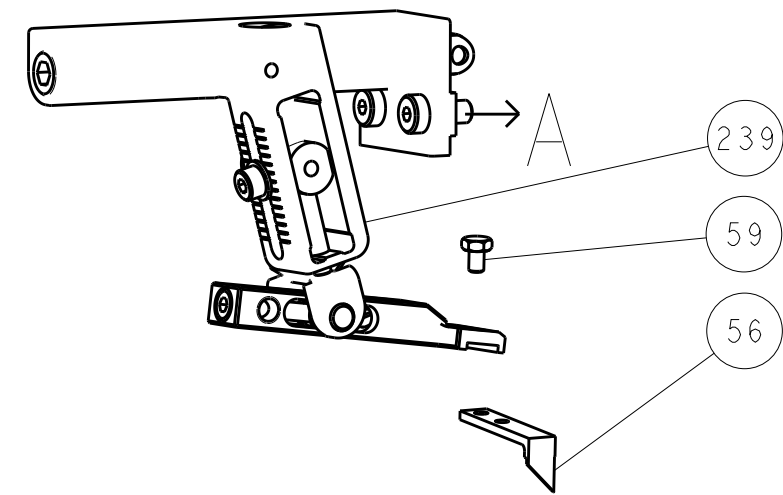
AMP 4805 REV 31MAR2000

Prs/ENGINEER DRAWING

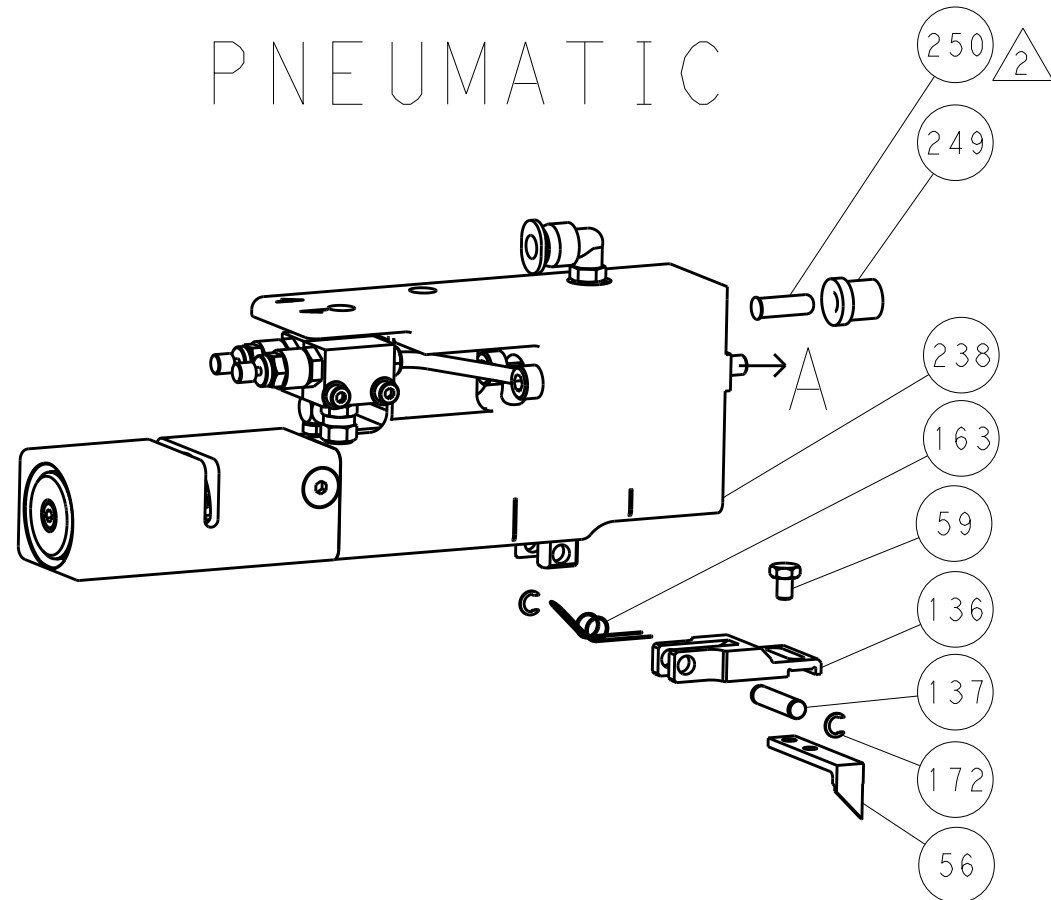
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

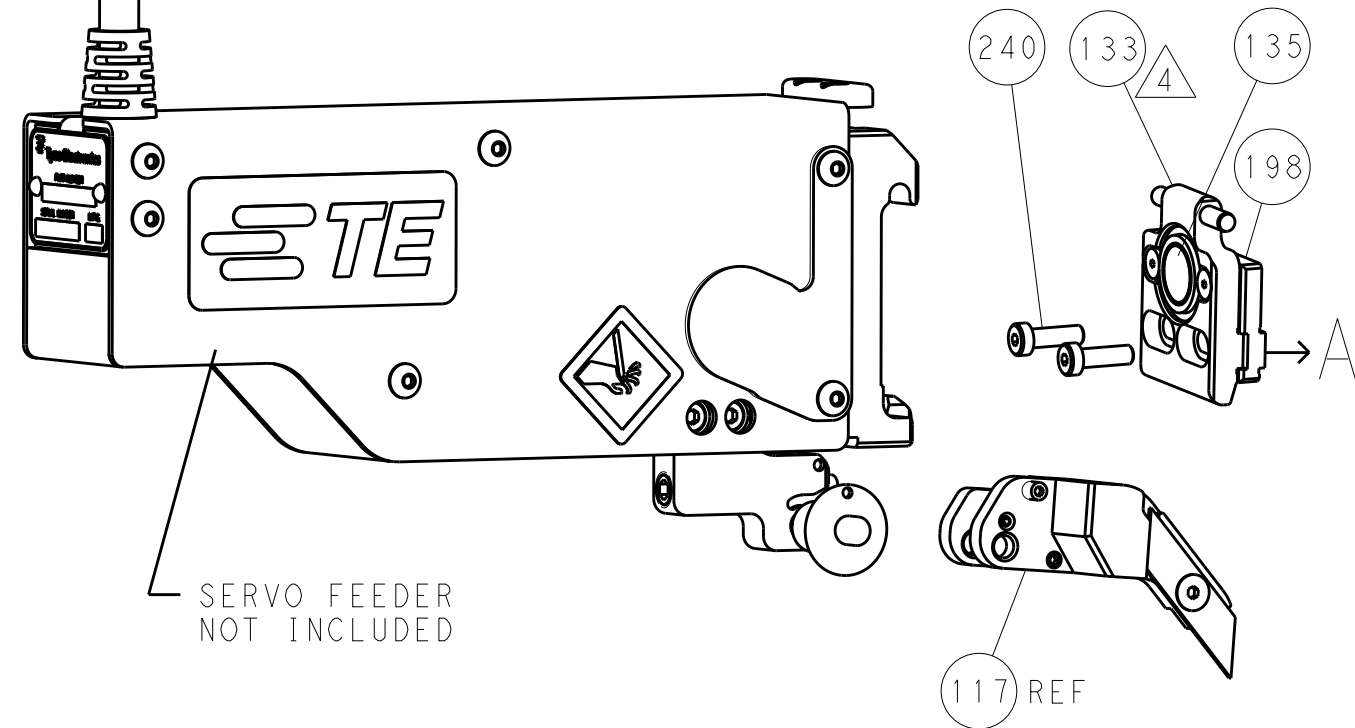
FEED TYPE
MECHANICAL



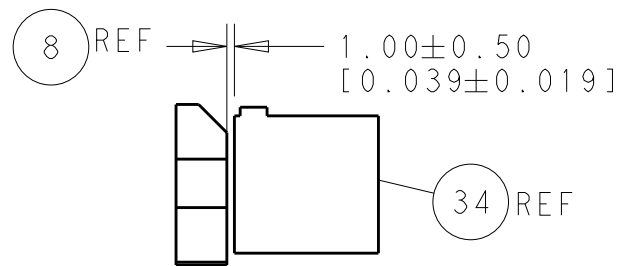
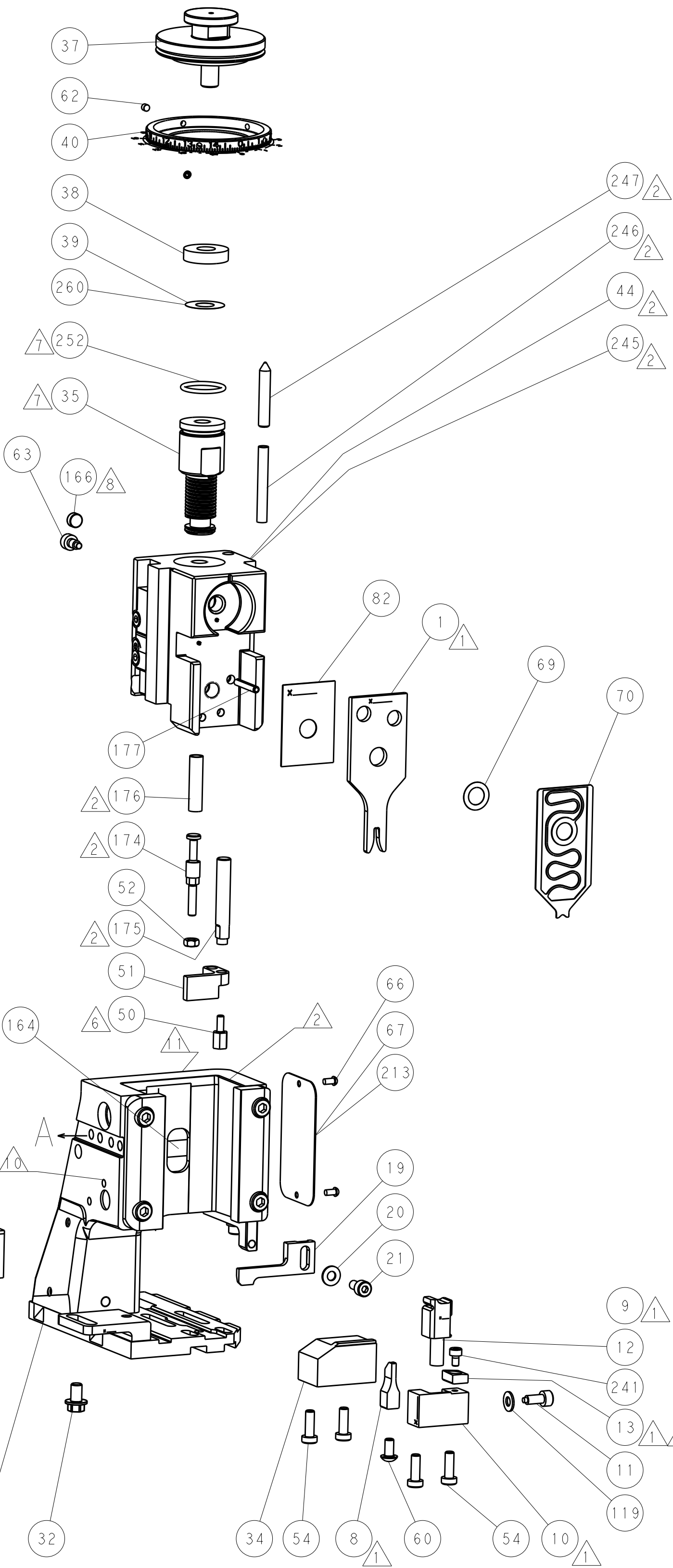
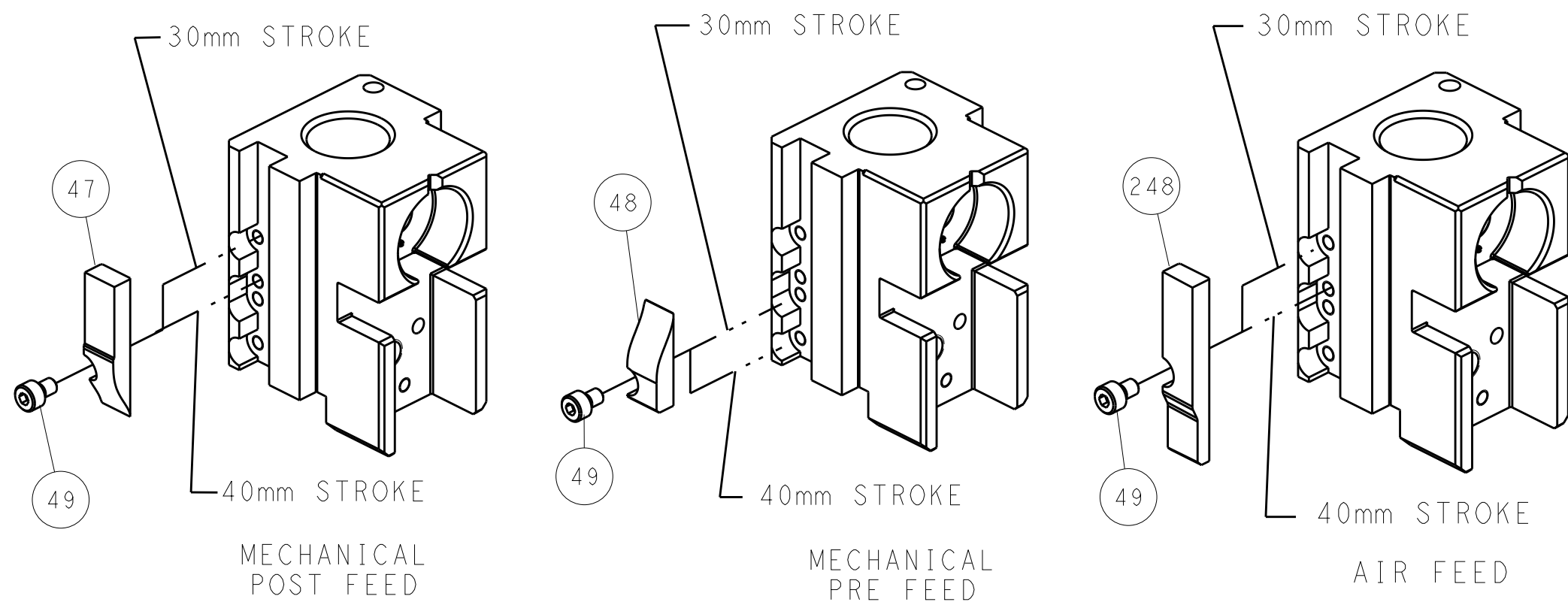
PNEUMATIC



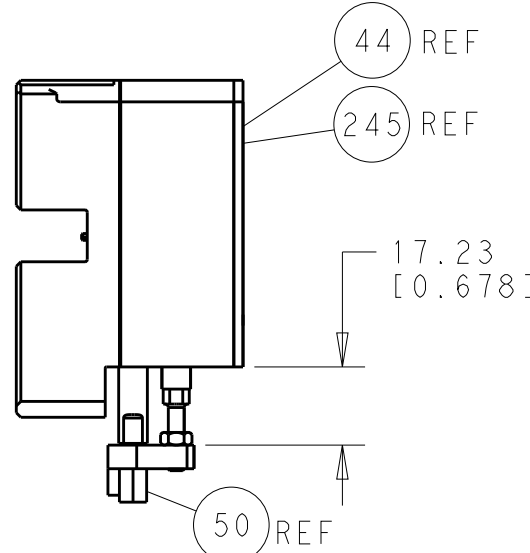
SERVO
LATCH PLATE



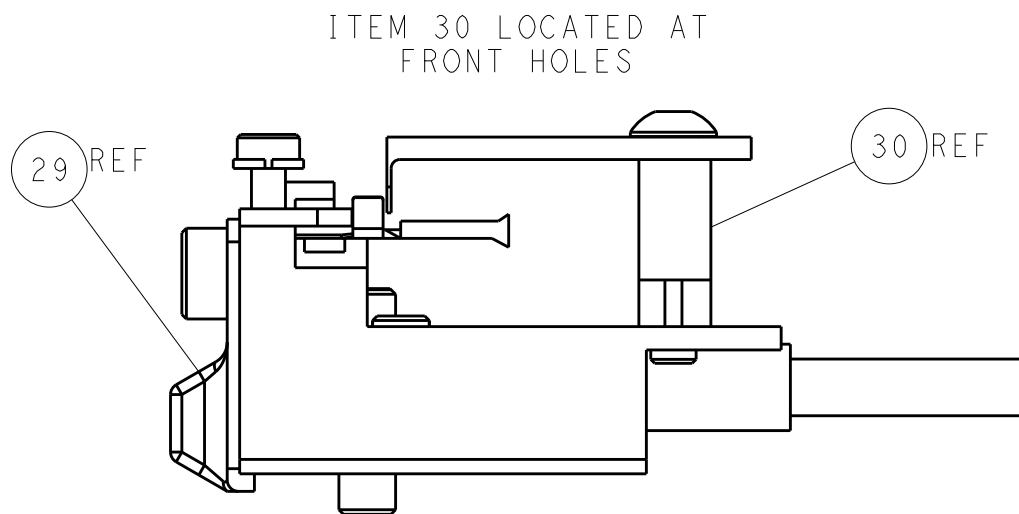
CAM POSITIONS



TERMINAL SUPPORT LOCATION



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)

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		NAME OCEAN SIDE FEED APPLICATOR OCEAN SIDE FEED APPLICATOR	
MATERIAL		WEIGHT		SIZE A1	
		Customer Accessible Production Drawing		SCALE 1:1	
				SHEET 2 of 4	
				REV A	

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

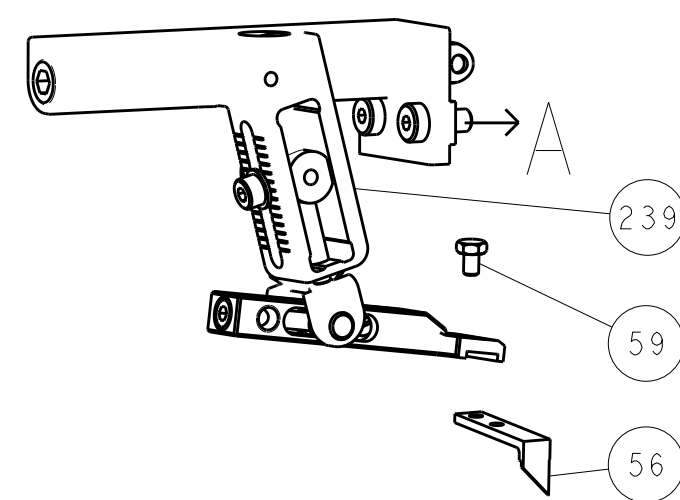
A

B

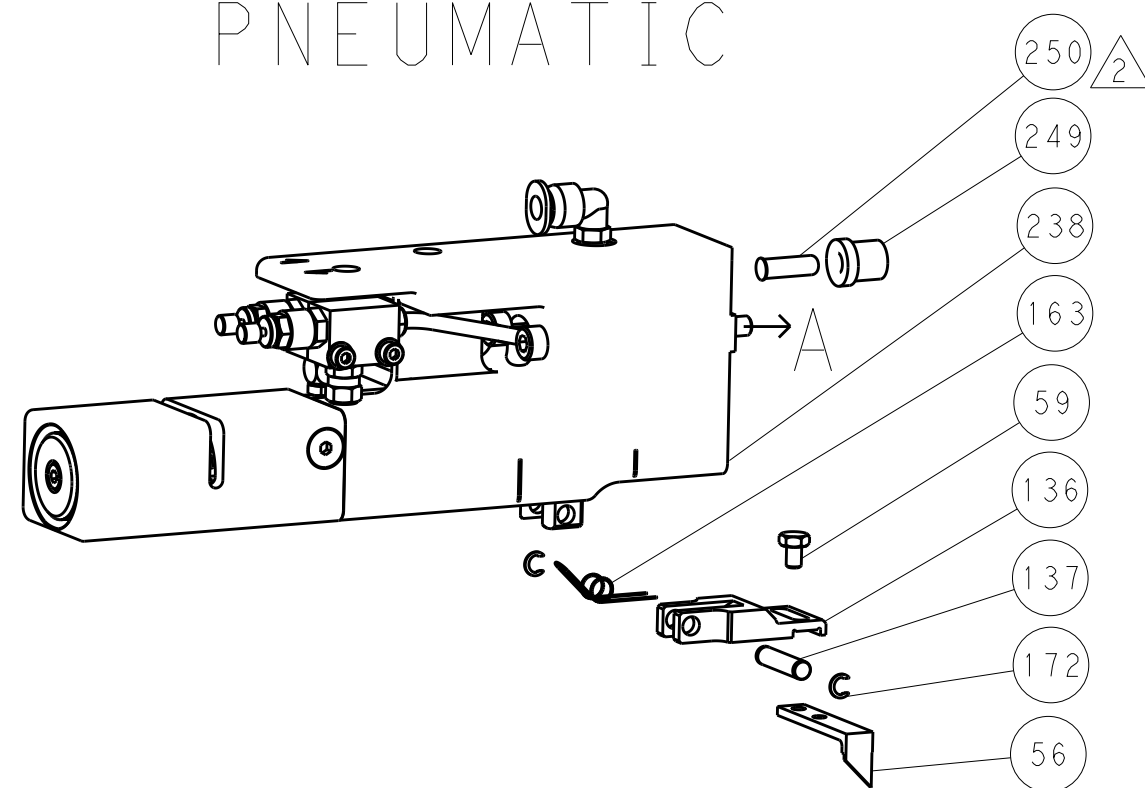
C

D

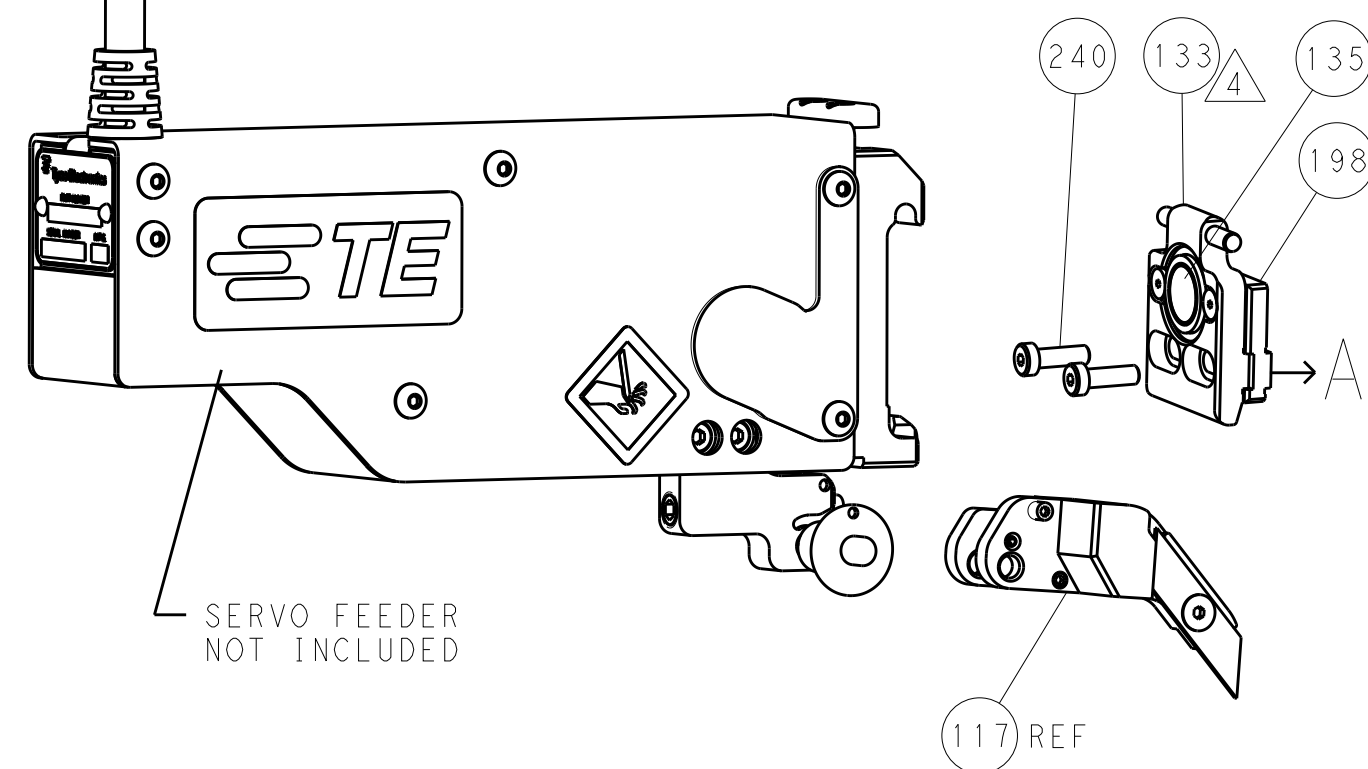
FEED TYPE MECHANICAL



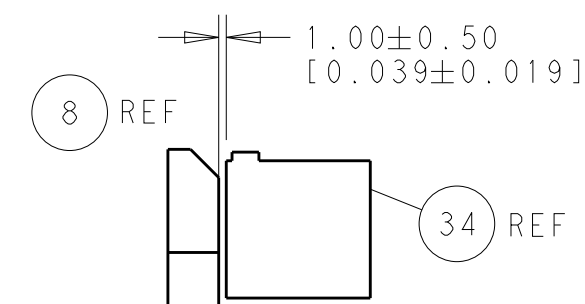
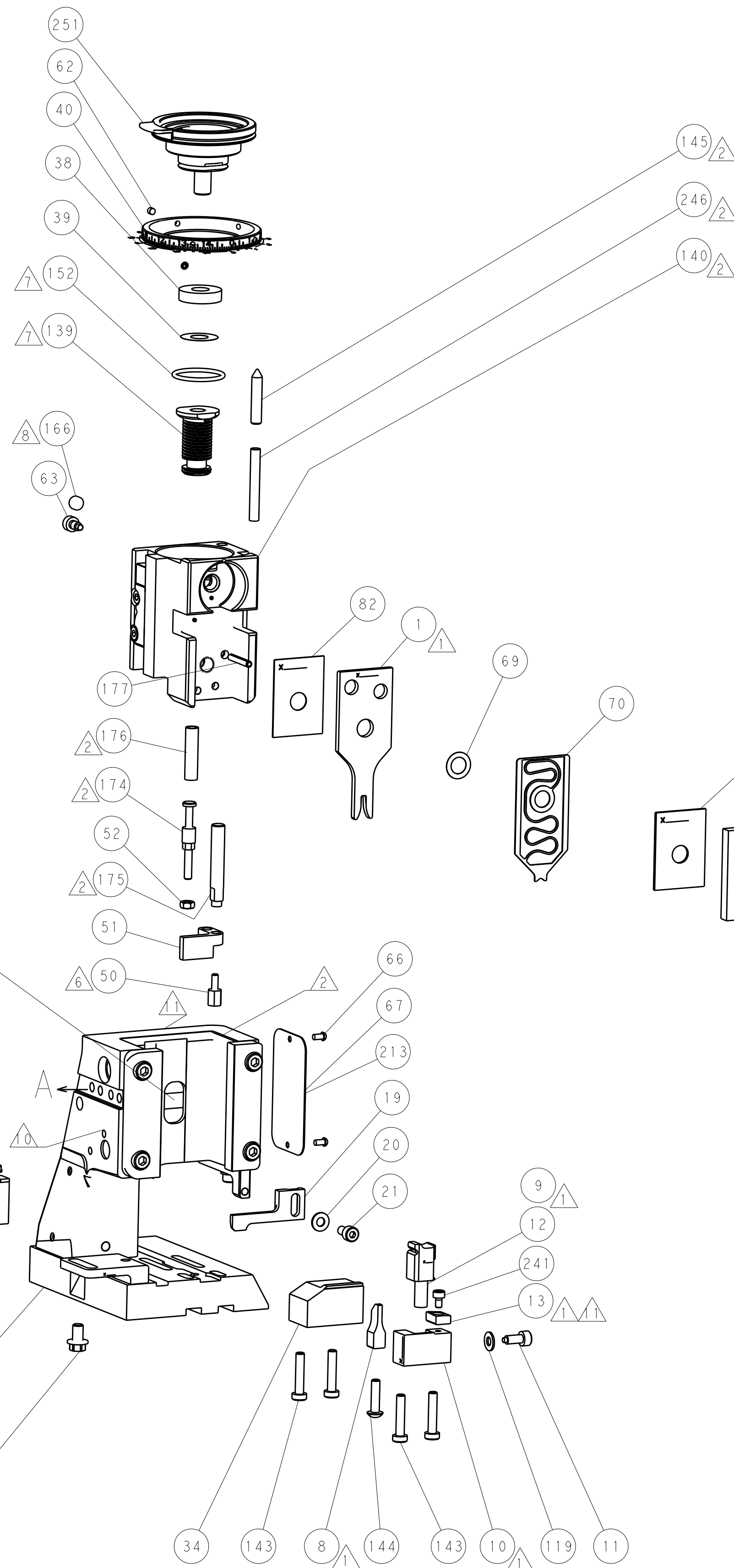
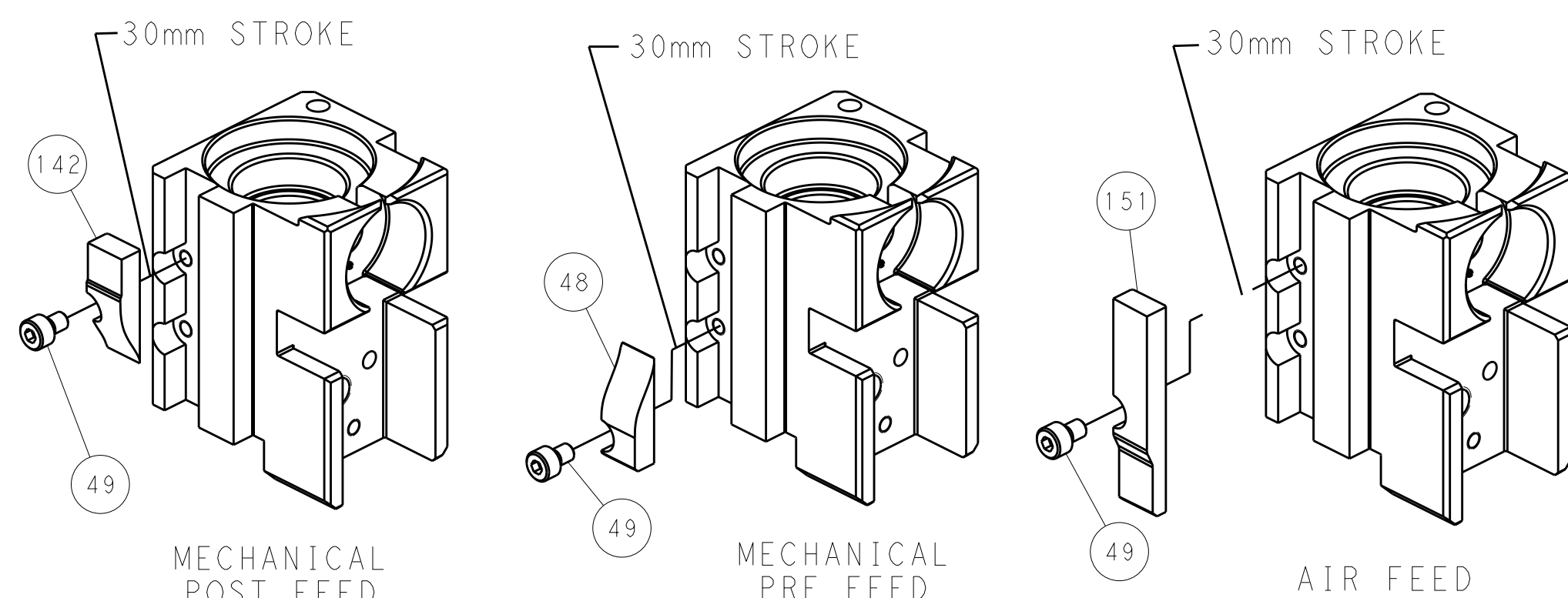
PNEUMATIC



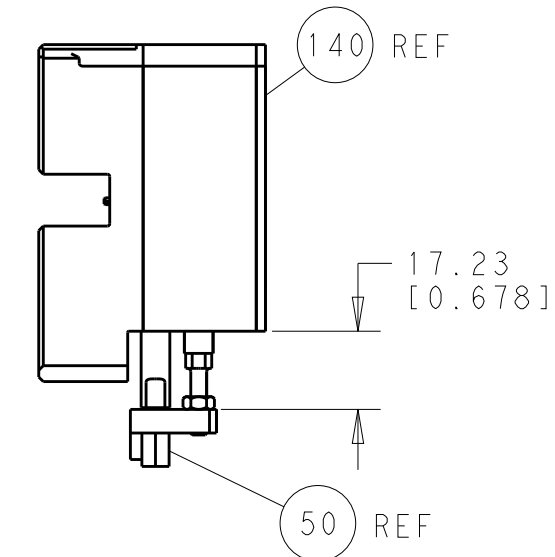
SERVO LATCH PLATE



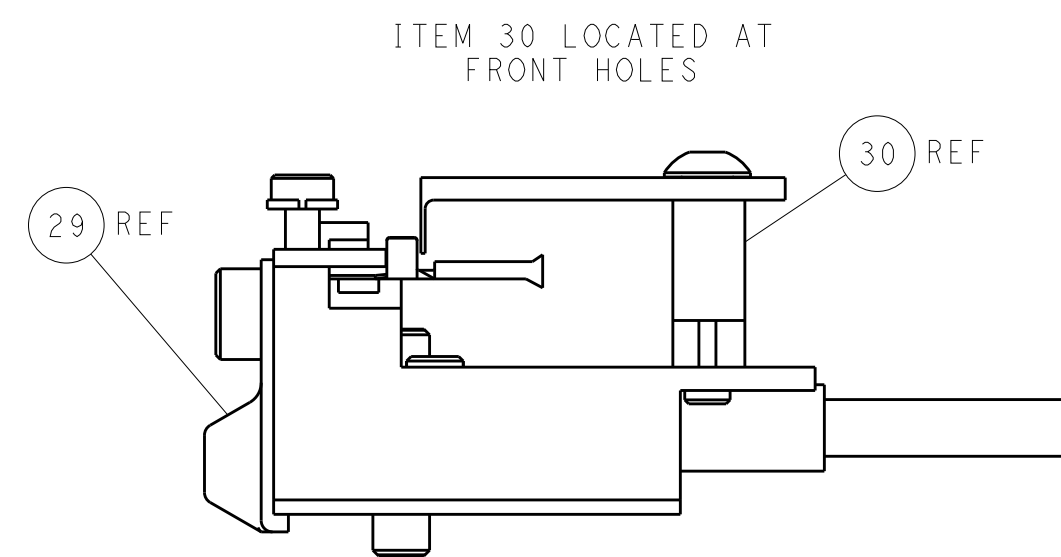
CAM POSITIONS



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)

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CHK G. BAILEY		APVD T. ELBIN	04/2012	NAME OCEAN SIDE FEED APPLICATOR OCEAN SIDE FEED APPLICATOR	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0005 1 PLC ±.0005 2 PLC ±.0005 3 PLC ±.0005 4 PLC ±.0005 ANGLES ±.0005		PRODUCT SPEC APPLICATION SPEC	
MATERIAL -		WEIGHT -		SIZE A1	
Customer Accessible Production Drawing		SCALE 1:1		SHEET 4 of 4	
				REV A	