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RELEASED FOR PUBLICATION

2016

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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

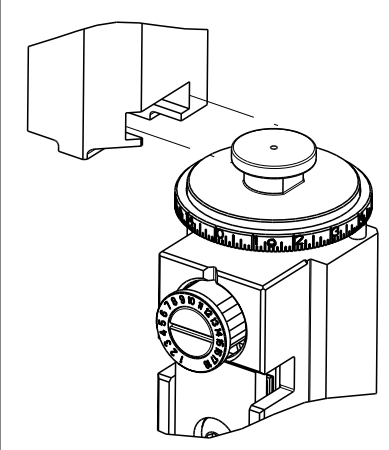
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2836172-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119951-1

2161326-1

1338683-8

-

-

5-18022-5

8-2836172-5

8-2836172-4

2119641-1

1901094-3

-

2119799-1

-

-

2063440-1

2168400-6 (QUANTITY 2)

-

2836172-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2119951-1

2161326-1

1338683-8

-

-

5-18022-5

8-2836172-5

8-2836172-4

2119653-1

1901094-3

-

-

-

-

-

-

-

-

2168400-6 (QUANTITY 2)

-

2836172-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

2119950-1

1338683-8

-

5-18022-5

5-18022-5

2119653-1

2119641-1

-

2119799-1

-

2063440-1

2836172-6

A

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴¹²

-

-

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2836172-7

A

FINE CRIMP HEIGHT ADJUST

NONE

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7-2836172-7

A

CRIMP TOOLING KIT

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-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.90 mm [.114]

F

INSUL

3.90 mm [.154]

F

APPLICATOR INSTRUCTIONS

408-10389



TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: 21 POS. CONN. SIGNAL HERMAPHRODITE CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

6.60-7.40 mm [.260-.291 IN]

Ø2.30-2.60 mm [.091-.102 IN]

TERMINAL APPLICATION SPECIFICATION

114-20093

-

-

TERMINALS APPLIED³

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

282606-1

282606-2

WIRE SIZE





CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING⁹

1.00mm2

1.50+/-0.03 [.059+/- .001]

3.5

(2)0.5mm2

1.50+/-0.03 [.059+/- .001]

4.2

0.50mm2

1.32+/-0.03 [.052+/- .001]

6.2



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: 8-2836172-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2836172-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2836172-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2836172-6

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 4.3.

13 TERMINAL LUBRICANT IS RECOMMENDED.

-

1

1

1

1

1

455888-3

SPACER, CRIMPER

270

-

2

2

2

2

2

2168083-1

SCR, SKT HD CAP, RoHS, M3 X 8.0

269

-

1

1

1

1

1

1-1633782-2

FENCE

267

-

-

1

-

-

-

2119957-2

APPLICATOR SHIM PACK

260

-

1

1

1

1

1

1803078-2

SPACER, PRECISION

259

-

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

-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

LYR

DESCRIPTION

DATE

OWN

APVD

A

RELEASED

08MAR2016

BW

TE

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1

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2119641-1

FEED CAM, AIR FEED

248

-

1

-

1

1

1

2119798-1

DETENT PIN

247

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1

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1

1

1

1-22279-3

SPRING, COMPRESSION

246

-

-

1

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2161314-1

RAM, STEPPED, ATLANTIC, SF, NON-ADJ

245

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1

1

1

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1

2119082-8

CAM, SNAIL, INSULATION ADJUSTMENT

244

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1

1

1

1

1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

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1

1

1

1

1

2119083-1

RETAINER, INSULATION DIAL

242

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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

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-

2119740-2

TAG,IDENTIFICATION

213

-

-

1

1

-

-

1901094-3

SPACER, FEEDER

198

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-

-

-

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

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1

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240638-1

SPRING, FEED FINGER

163

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1

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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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REF

REF

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2119944-1

FEED FINGER ASSEMBLY,SF

117

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1

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2119955-1

ASSY, LUBRICATOR, SIDE FEED

113

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1

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1

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1-455888-6

SPACER, CRIMPER

82

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1

1

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2119956-1

DOCUMENTATION PACKAGE

71

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1

1

1

1

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2119791-5

DEPRESSOR, WIRE

70

-

1

1

1

1

1

2119943-1

WASHER, SPACER

69

-

1

-

-

1

1

2119740-1

TAG,IDENTIFICATION

67

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2

2

2

2

2

2168078-1

SCREW, DRIVE, RH, RoHS, 2 x .188

66

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1

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1

1

1

2119793-1

LIMITER, ADJUSTMENT BOLT

63

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3

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3

3

3

992763-5

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

62

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1

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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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1338683-8

FEED PAWL

56

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4

4

4

4

4

2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

-

2

2

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2

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

53

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5018030-1

NUT, HEX, REG, RoHS, M3

52

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1

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811242-5

BUMPER, HOLD DOWN

51

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690753-6

SPACER, TONKER

50

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18023-9

SCR, SKT HD CAP M4 X 6.0

49

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2119652-1

FEED CAM, PRE FEED

48

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2119653-1

FEED CAM, POST FEED

47

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1

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2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

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1

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2161311-1

RAM, STEPPED, AMP STYLE, SIDE FEED

44

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1-2079383-5

SCR, BHSC, RoHS (M8 X 40)

41

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2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

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1

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2119957-1

APPLICATOR SHIM PACK

39

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1-2119644-4

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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1-1752356-5

SUPPORT, TERMINAL

34

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2

2

2

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2

2079383-5

SCR, BHSC, RoHS (M4 X 20)

33

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1

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2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

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1320908-7

SPACER, STRIP GUIDE

30

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2119959-2

ASSEMBLY, STRIP GUIDE

29

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455888-5

SPACER, CRIMPER

28

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1320928-6

STRIP GUIDE

24

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2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

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2

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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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1

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3-22280-3

SPRING, COMPRESSION

12

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1-356885-4

STOP, SHEAR

11

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1

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2119805-1

SHEAR HOLDER, FRONT

10

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1

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1

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1803095-1

FLOATING SHEAR, FRONT

9

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8-1803171-4

ANVIL, COMBINATION

8

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6

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2119757-8

DEPRESSOR, SHEAR

5

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1

1

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4-238011-2

BLOCK, CRIMPER SPACER

4

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2-1803187-6

CRIMPER, INSULATION F

3

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1

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1

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1

1-455888-1

SPACER, CRIMPER

2

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1

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3-1803241-2

CRIMPER, WIRE F

1

-77

-7

-6

-5

-2

-1

PART NO

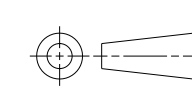
DESCRIPTION

ITEM NO

114 IS SUBJECT TO CHANGE AND TO BE CONFIRMED BY THE END USER. FOR THE LATEST REVISION, PLEASE BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm



0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±

±

±

±

±

MATERIAL

-

FINISH

-

OWN

B. WEAVER

10FEB2016

CHK

T. ELBIN

10FEB2016

APVD

T. ELBIN

10FEB2016

PRODUCT SPEC

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

NAME

Ocean Side Feed Applicator

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

REV

A

TE Connectivity

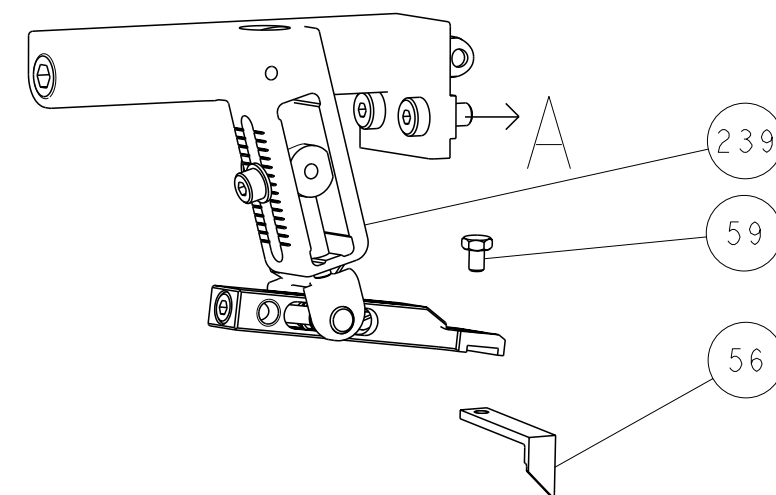
Harrisburg, PA 17105-3608

00779

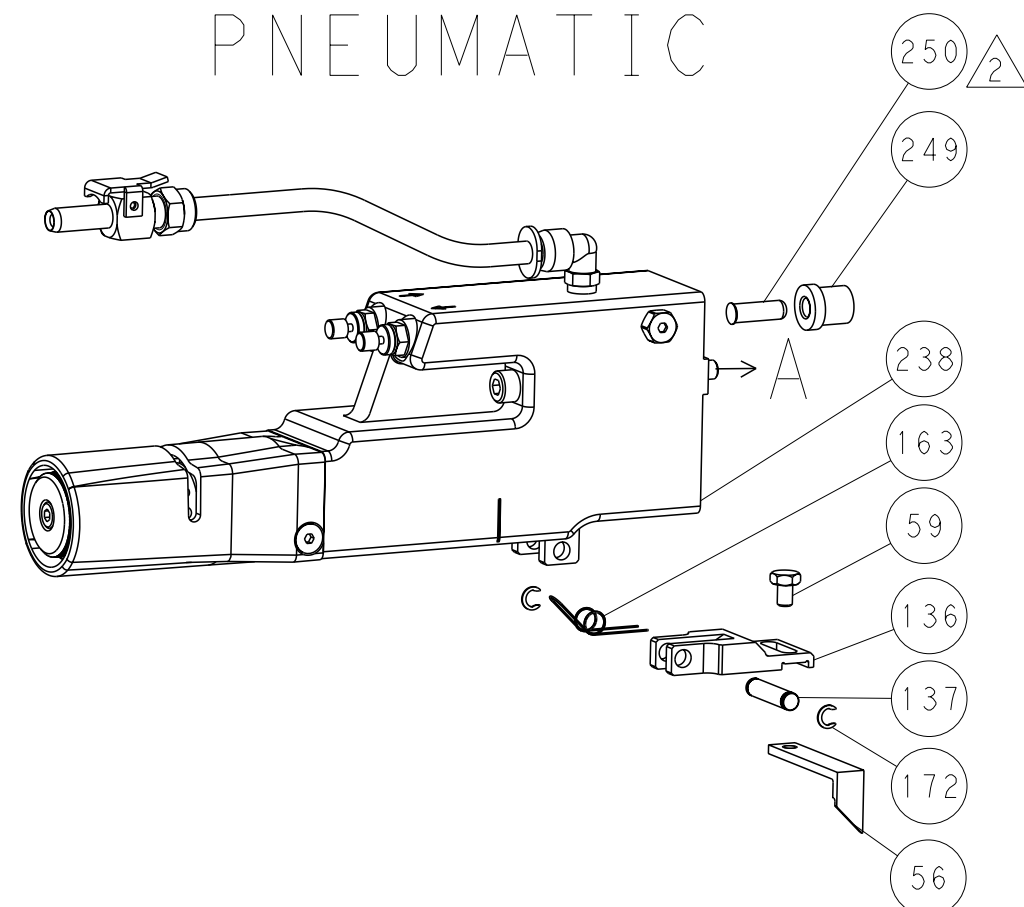
©=2836172

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

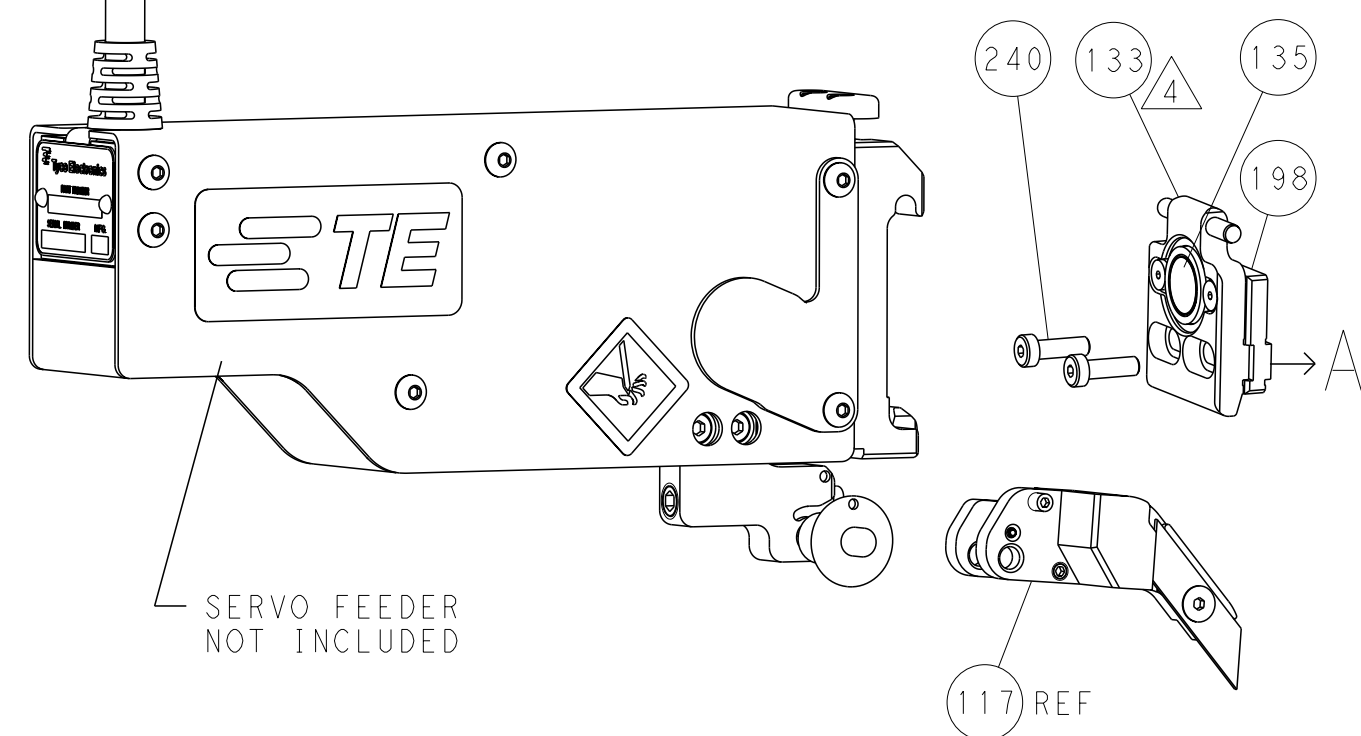
FEED TYPE
MECHANICAL



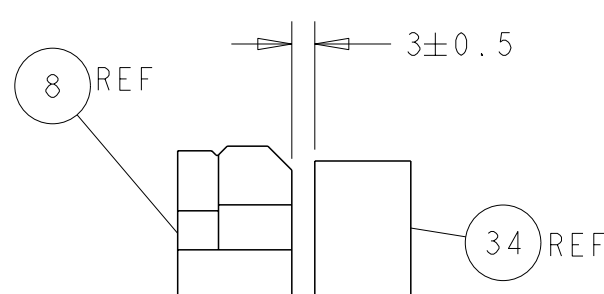
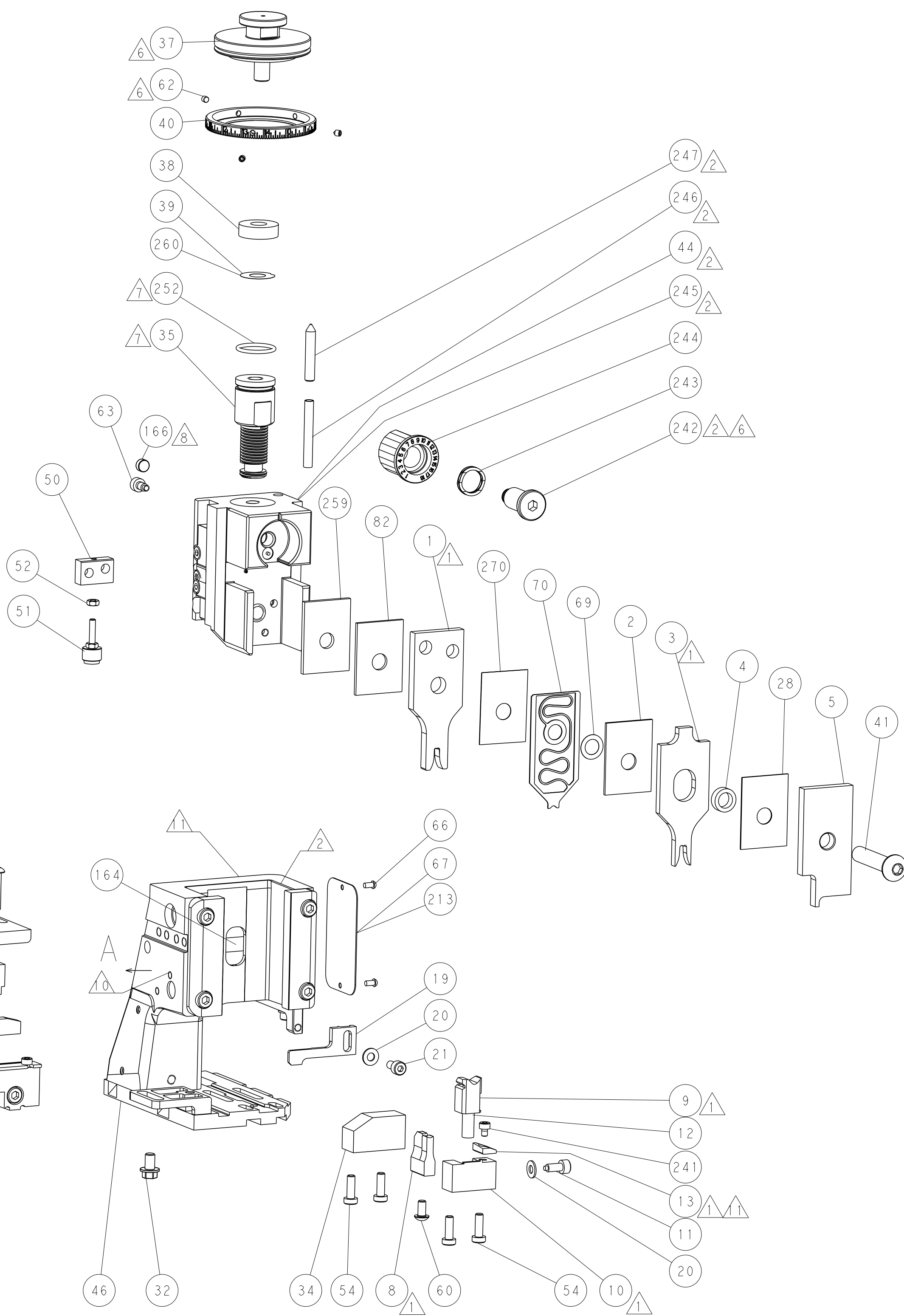
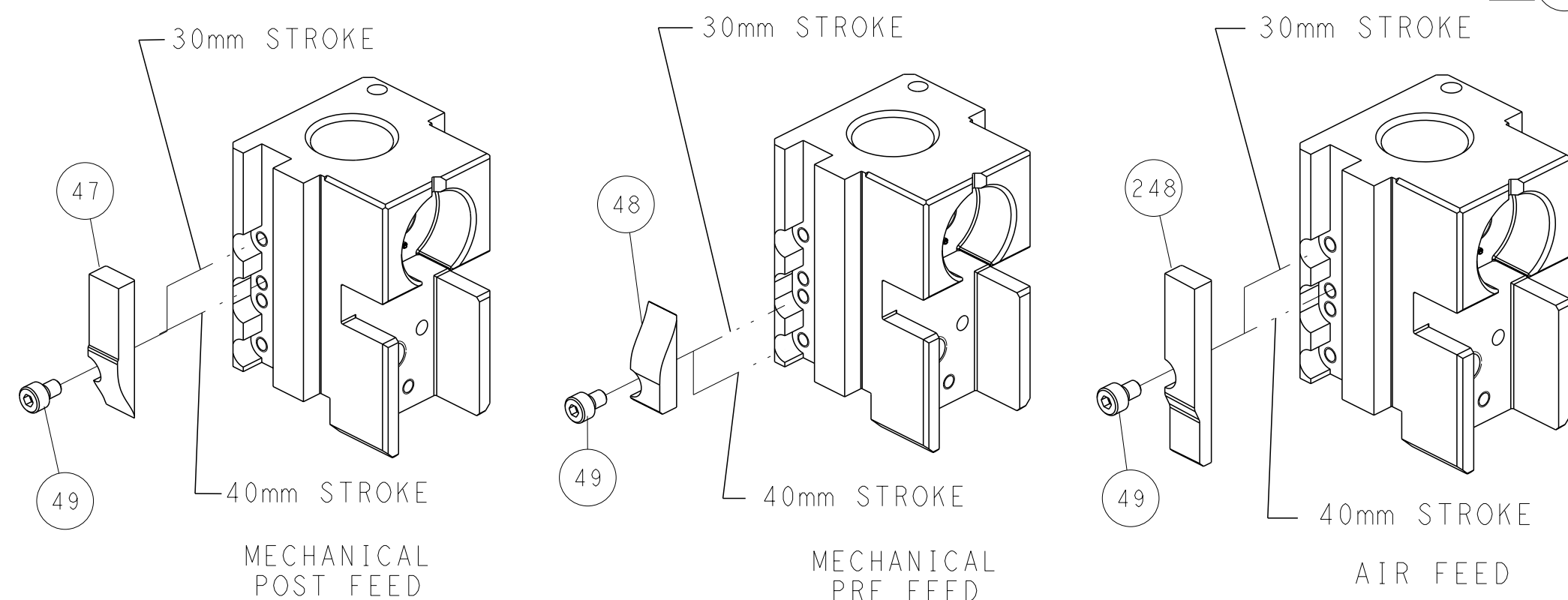
PNEUMATIC



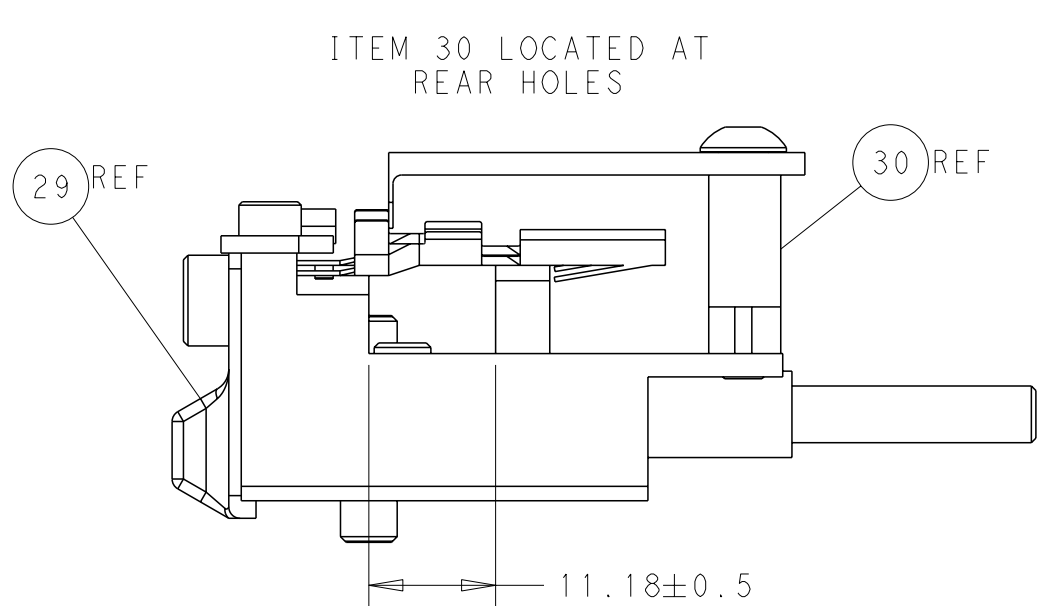
SERVO
LATCH PLATE



CAM POSITIONS



TERMINAL SUPPORT LOCATION

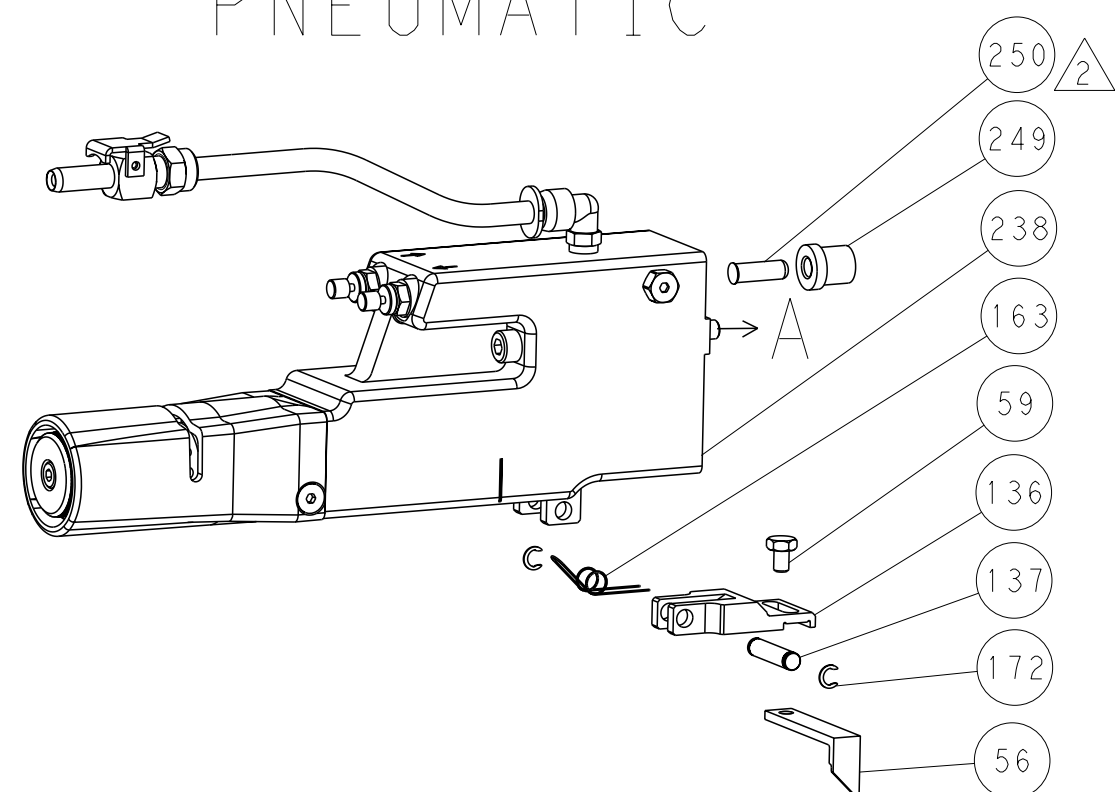
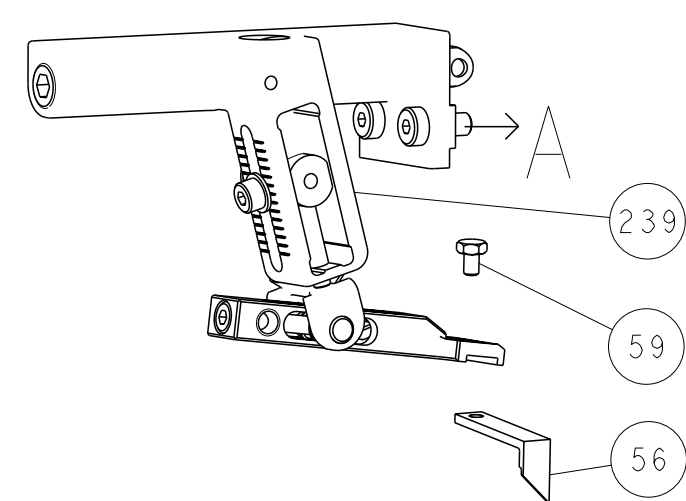
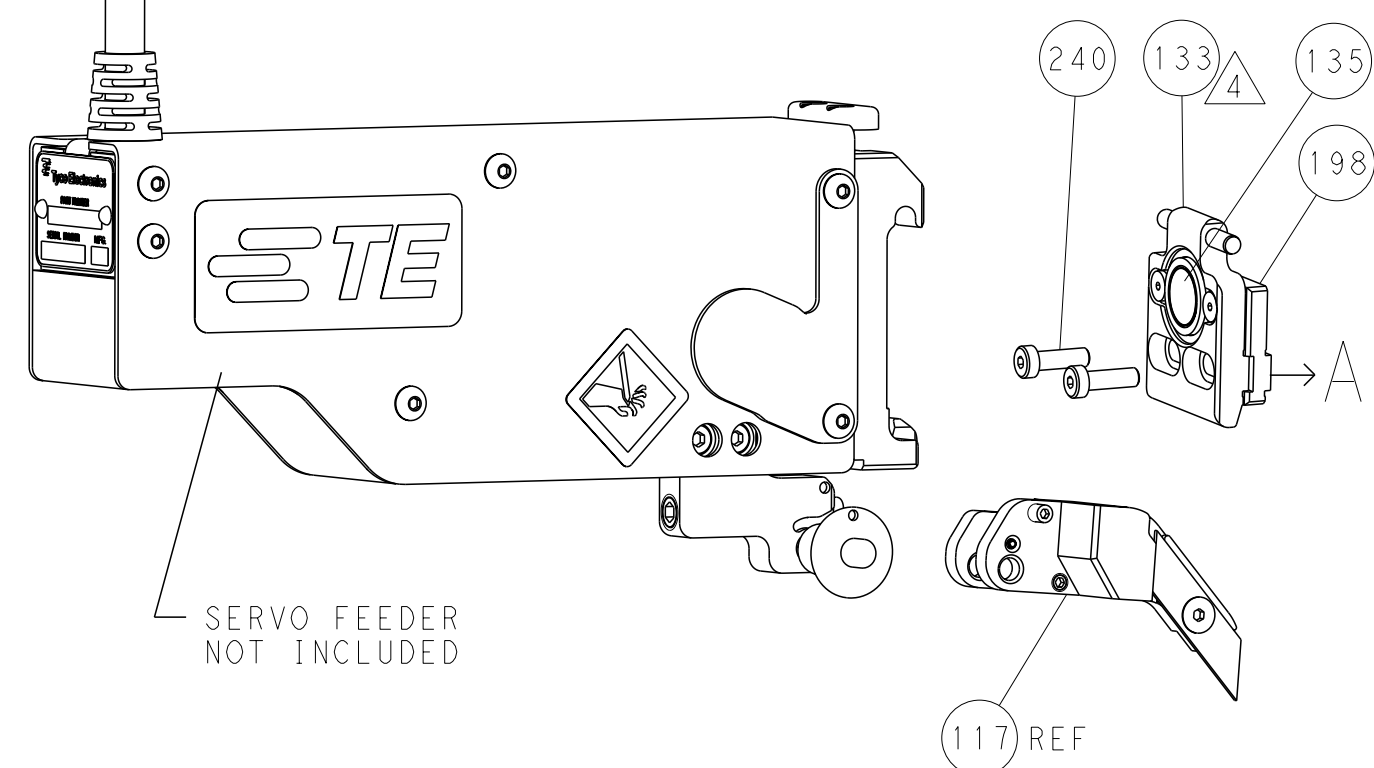


FEED TRACK POSITION
GUIDE BY INSULATION BARREL

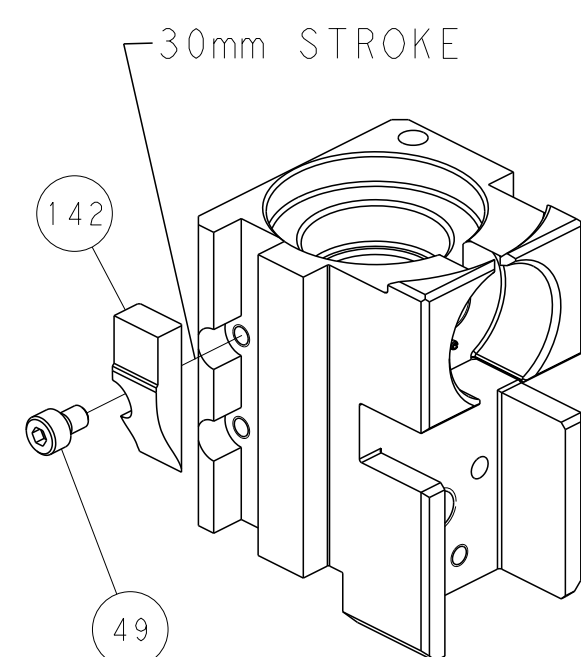
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

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DWN B. WEAVER 10FEB2016				NAME			
CHK T. ELBIN 10FEB2016				Ocean Side Feed			
APVD T. ELBIN 10FEB2016				Applicator			
PRODUCT SPEC				SIZE			
APPLICATION SPEC				CAGE CODE			
FINISH				DRAWING NO			
MATERIAL				00779			
WEIGHT				C=2836172			
Customer Accessible Production Drawing				RESTRICTED TO			
SCALE				1:2			
SHEET				2 of 4			
REV				A			

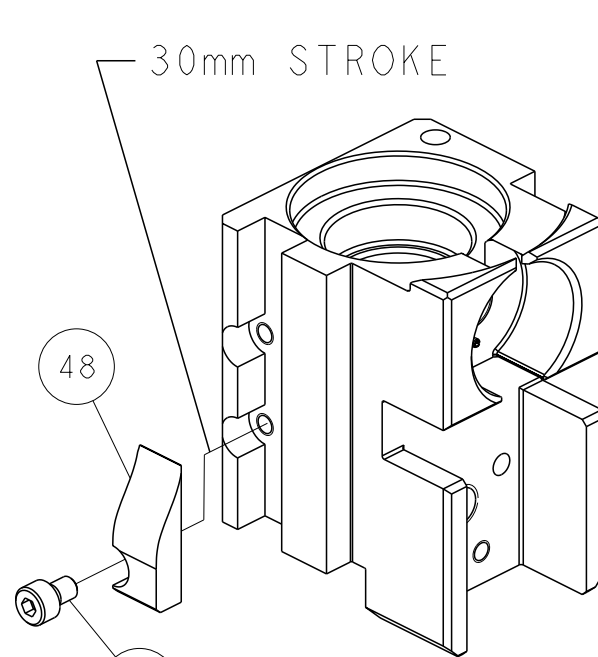
PNEUMATIC

SERVO
LATCH PLATE

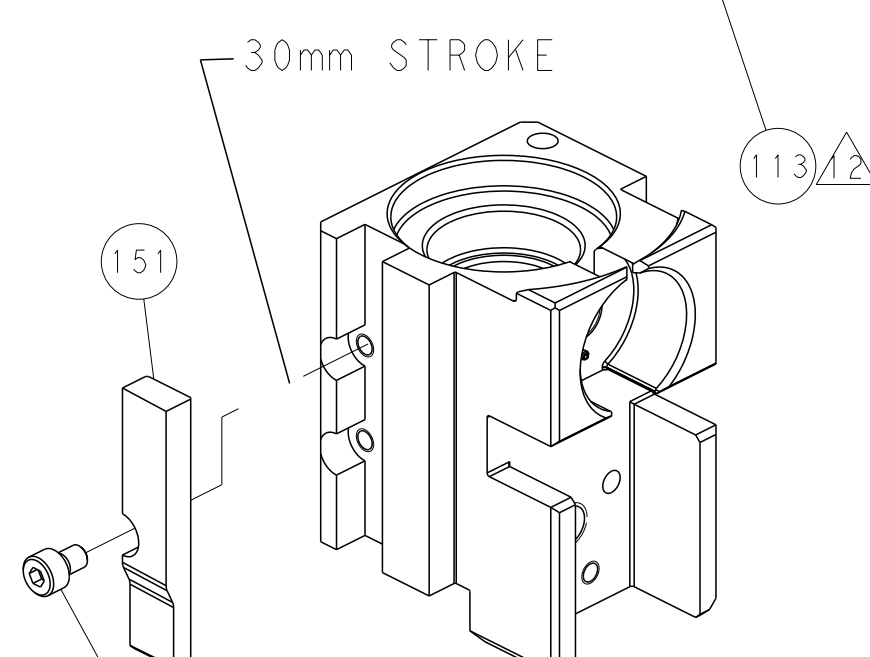
CAM POSITIONS



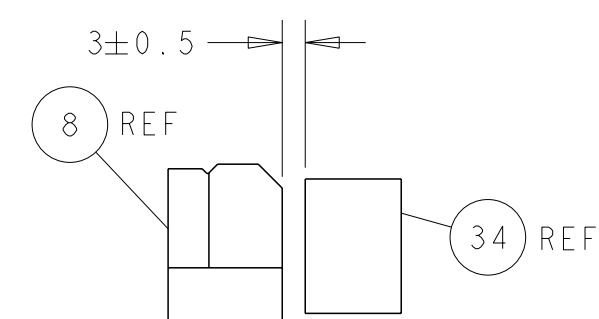
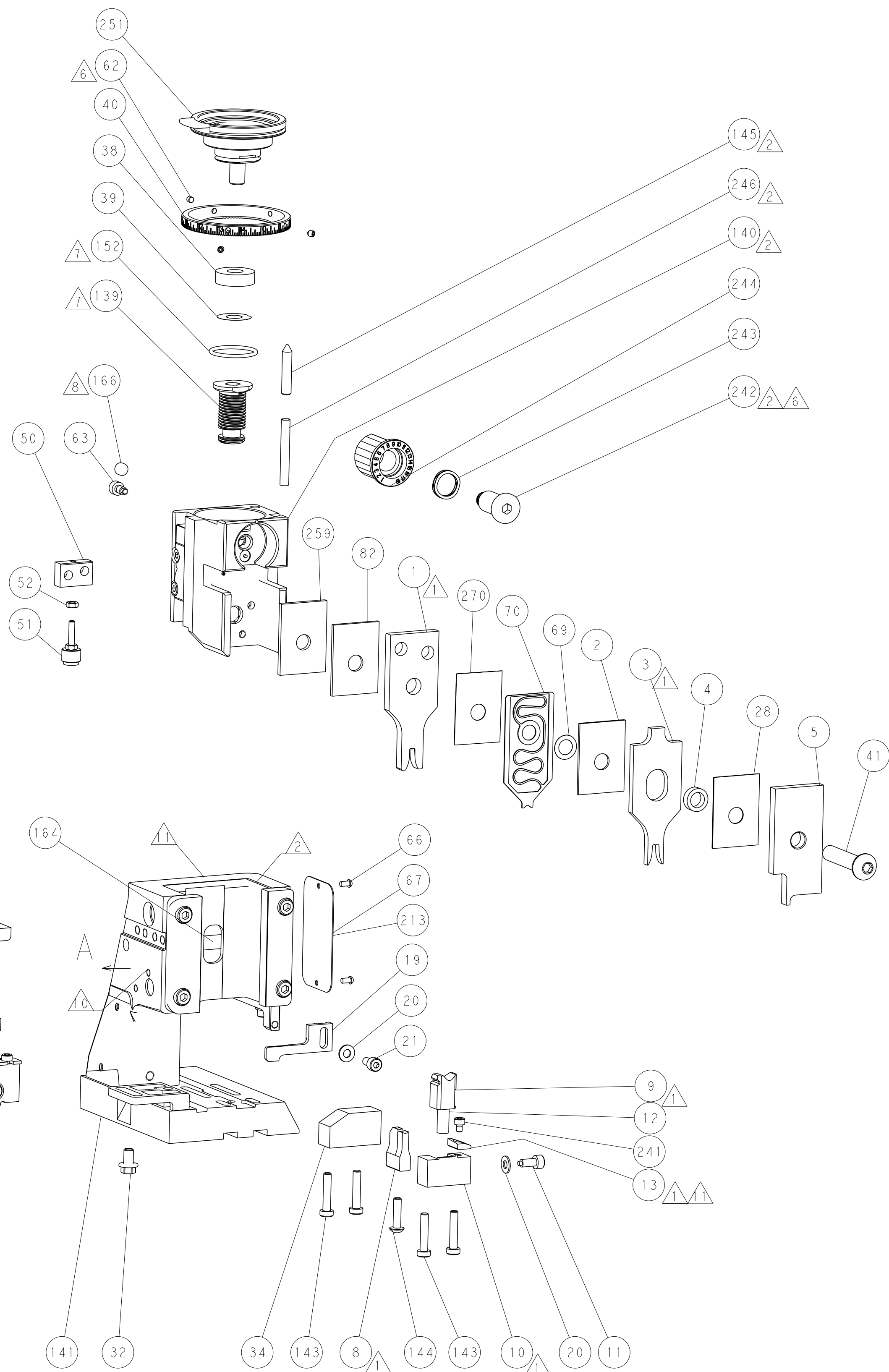
MECHANICAL
POST FEED



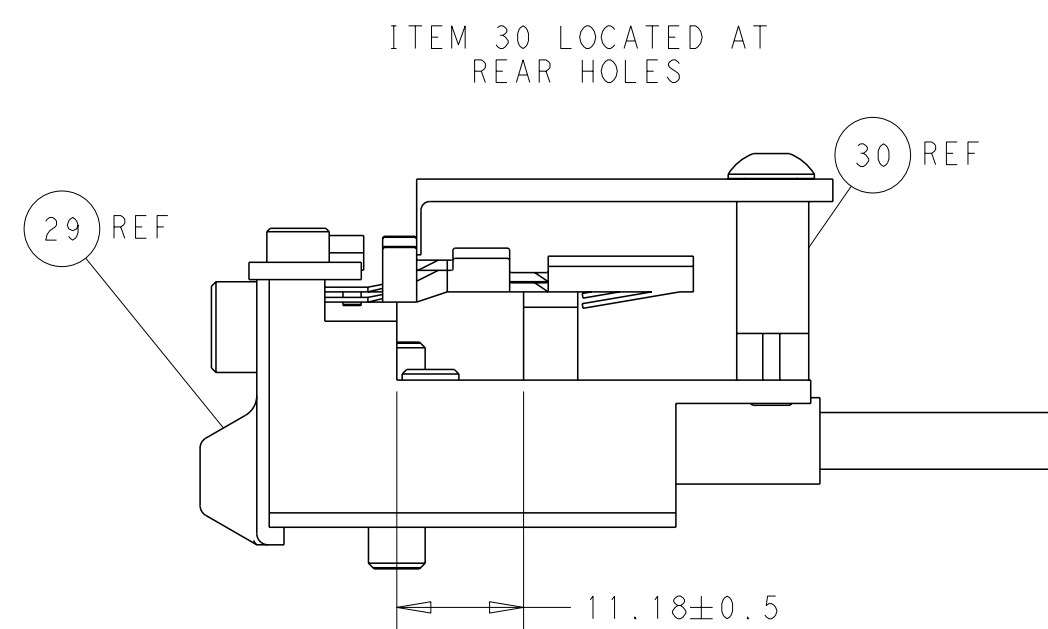
MECHANICAL
PRE FEED



AIR FEED



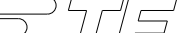
TERMINAL SUPPORT LOCATION



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)

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TECHNOLOGIES CORPORATION IT IS SUBJECT TO THE COMPANY'S POLICY ON CONTROLLED DOCUMENTS AND ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION		DWN B. WEAVER 10FEB2016		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME Ocean Side Feed Applicator	
		CHK T. ELBIN 10FEB2016		APVD T. ELBIN 10FEB2016	
		PRODUCT SPEC -			
		APPLICATION SPEC -			
MATERIAL -		FINISH -		RESTRICTED TO -	
		WEIGHT -		SIZE A	
				CAGE CODE 00779	
				DRAWING NO C=2836172	
		Customer Accessible Production Drawing		SCALE 1:2	
				SHEET 4 of 4	
				REV A	