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20

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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

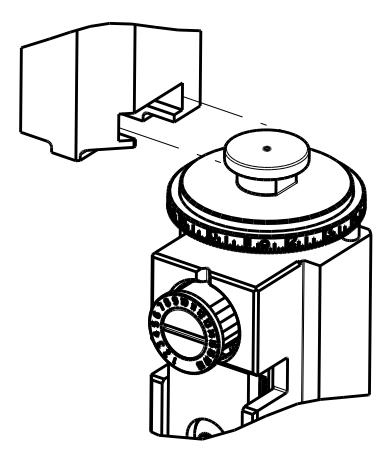
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151643-1

A

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

-

8-2151643-5

1901094-3

-

2168400-6 (QUANTITY 2)

2151643-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

-

8-2151643-5

1901094-3

-

2168400-6 (QUANTITY 2)

2151643-5

A

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴

MECHANICAL FEED

PNEUMATIC FEED

2119949-1

1338683-3

5-18022-5

2119653-1

-

2063440-1

2151643-6

A

NON-CRIMP HEIGHT ADJUST

⁴SERVO
LATCH PLATE¹¹

-

-

-

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-

-

-

2151643-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

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-

7-2151643-7

A

CRIMP TOOLING KIT

-

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-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.92 mm [.115]

F

INSUL

3.81 mm [.150]

F

APPLICATOR INSTRUCTIONS

408-10389



TERMINAL DATA: DELPHI PACKARD TERMINAL & SPECIFICATION

TERMINAL NAME: RING

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

6.70-7.50 mm [.264-.295 IN]

Ø2.03-2.40 mm [.080-.094 IN]

TERMINAL APPLICATION SPECIFICATION

02989521 Rev -

-

-

TERMINALS APPLIED

TE TERMINAL

DELPHI PACKARD TERMINAL

TE TERMINAL

DELPHI PACKARD TERMINAL

2113266-1

02989521

WIRE SIZE





CRIMP HEIGHT mm [INCH]



CRIMP HEIGHT REFERENCE SETTING

0.80mm2

2.20+/-0.05 [.087+/- .002]

11.2

0.50mm2

2.15+/-0.05 [.085+/- .002]

12.0



RECOMMENDED SPARE PARTS

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: 8-2151643-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151643-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151643-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151643-6

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

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

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3-18031-6

SCR, SET, CUP POINT M2.5 X 3.0

266

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2

2

2

2

2

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

265

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1-1583859-9

BLADE, SLUG

264

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1-2168083-0

SCR, SKT HD CAP, RoHS, M4 X 10

263

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2119924-4

SHEAR, LOWER

262

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2119957-2

APPLICATOR SHIM PACK

260

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8-21084-0

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

252

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

ATLANTIC VERSION

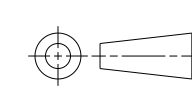
Shown on sheets 1 of 4 & 2 of 4

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

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DIMENSIONS:

mm



0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.1

±0.02

±0.005

±0.0005

±

MATERIAL

-

OWN

CHR. KNEPPER

14MAY2012

CHK

G. BAILEY

14MAY2012

APVD

M. CLIFFORD

14MAY2012

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

Customer Accessible Production Drawing

SCALE

1:1

SHEET

1

OF

4

REV

A

TE Connectivity

Harrisburg, PA 17105-3608

Ocean Side Feed

Applicator

SIZE

CAGE CODE

DRAWING NO

00779

©=2151643

RESTRICTED TO

-

REVISIONS

P

LTR

DESCRIPTION

DATE

OWN

APVD

A

RELEASED

29AUG2012

RK

TE

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2119640-1

PUSH ROD, AIR FEED

250

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2079988-1

BUSHING, LCH5-12, MISUMI

249

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2119641-1

FEED CAM, AIR FEED

248

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2119798-1

DETENT PIN

247

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1-22279-3

SPRING, COMPRESSION

246

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2119758-1

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

245

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2119082-6

CAM, SNAIL, INSULATION ADJUSTMENT

244

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2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

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2119083-1

RETAINER, INSULATION DIAL

242

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2168400-6

SHCS, LOW HEAD, RoHS, M5 X 16

240

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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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2119740-2

TAG,IDENTIFICATION

213

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1901094-3

SPACER, FEEDER

198

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21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

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994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

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REF

REF

REF

REF

REF

994970-2

COUNTER, MAGNETIC

164

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240638-1

SPRING, FEED FINGER

163

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3-23627-7

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

137

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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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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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1-690712-0

FRONT STRIP GUIDE

96

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1-2168083-3

SCR, SKT HD CAP, RoHS, M3 X 16

95

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455888-5

SPACER, CRIMPER

82

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2168083-1

SCR, SKT HD CAP, RoHS, M3 X 8.0

79

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1633782-4

FENCE

78

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2119956-1

DOCUMENTATION PACKAGE

71

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2119740-1

TAG,IDENTIFICATION

67

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2168078-1

SCREW, DRIVE, RH, RoHS

66

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2119793-1

LIMITER, ADJUSTMENT BOLT

63

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992763-5

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

62

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2-18032-5

SCR, SET, FLT POINT M5 X 20.0

61

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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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1338683-3

FEED PAWL

56

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1-18023-7

SCR, SKT HD CAP M4 X 40.0

53

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811242-5

BUMPER, HOLD DOWN

51

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2119830-7

HOLDER, SLUG BLADE

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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2119656-1

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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2119644-3

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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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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1-1320908-6

SPACER, STRIP GUIDE

30

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2119959-3

ASSEMBLY, STRIP GUIDE

29

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22281-9

SPRING, COMPRESSION

27

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356835-1

LEVER, DRAG RELEASE

26

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5-690754-1

DRAG, SPECIAL

25

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1633990-1

PLATE, STRIP GUIDE

24

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980371-4

SCR, SKT HD SHLDR 5.0 DIA X 6.0

23

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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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1803065-1

ANVIL, COMBINATION

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3-238009-8

BLOCK, FL CRIMPER SPACER

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1803017-2

CRIMPER, INSULATION F

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1-455888-1

SPACER, CRIMPER

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1-1633860-3

CRIMPER, WIRE

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-77

-7

-6

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PART NO

DESCRIPTION

ITEM NO

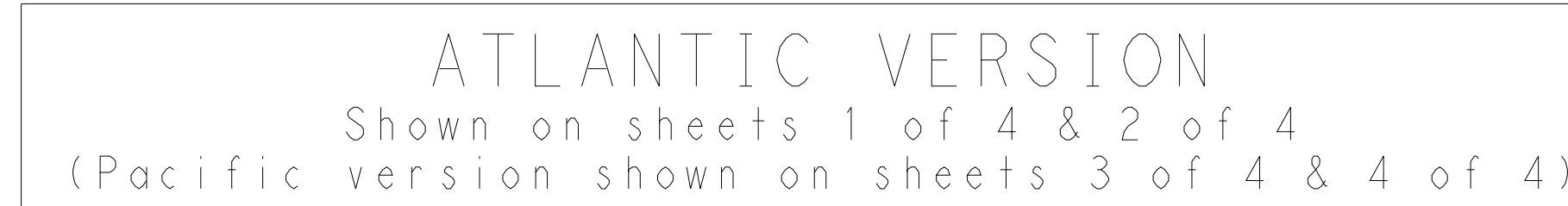
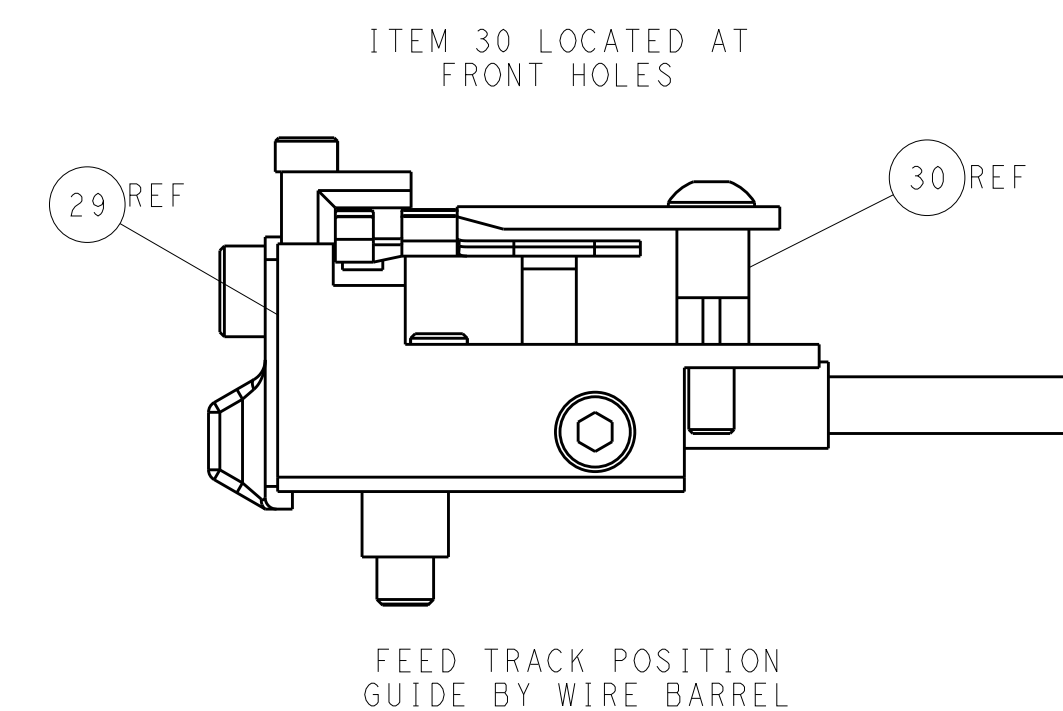
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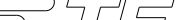
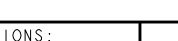
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

PNEUMATIC

SERVO
LATCH PLATE

CAM POSITIONS



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DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.02 3 PLC ±0.005 4 PLC ±0.0005 ANGLES ±.1		NAME Ocean Side Feed Applicator	
		PRODUCT SPEC -		SIZE A1	
MATERIAL -		APPLICATION SPEC -		CAD CODE 00779	
FINISH -		WEIGHT -		DRAWING NO C-2151643	
Customer Accessible Production Drawing				SCALE 1:1	
SHEET 2 OF 4				REV A	

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

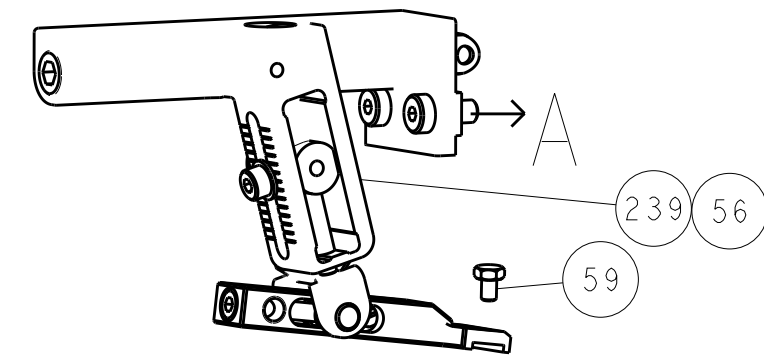
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

C

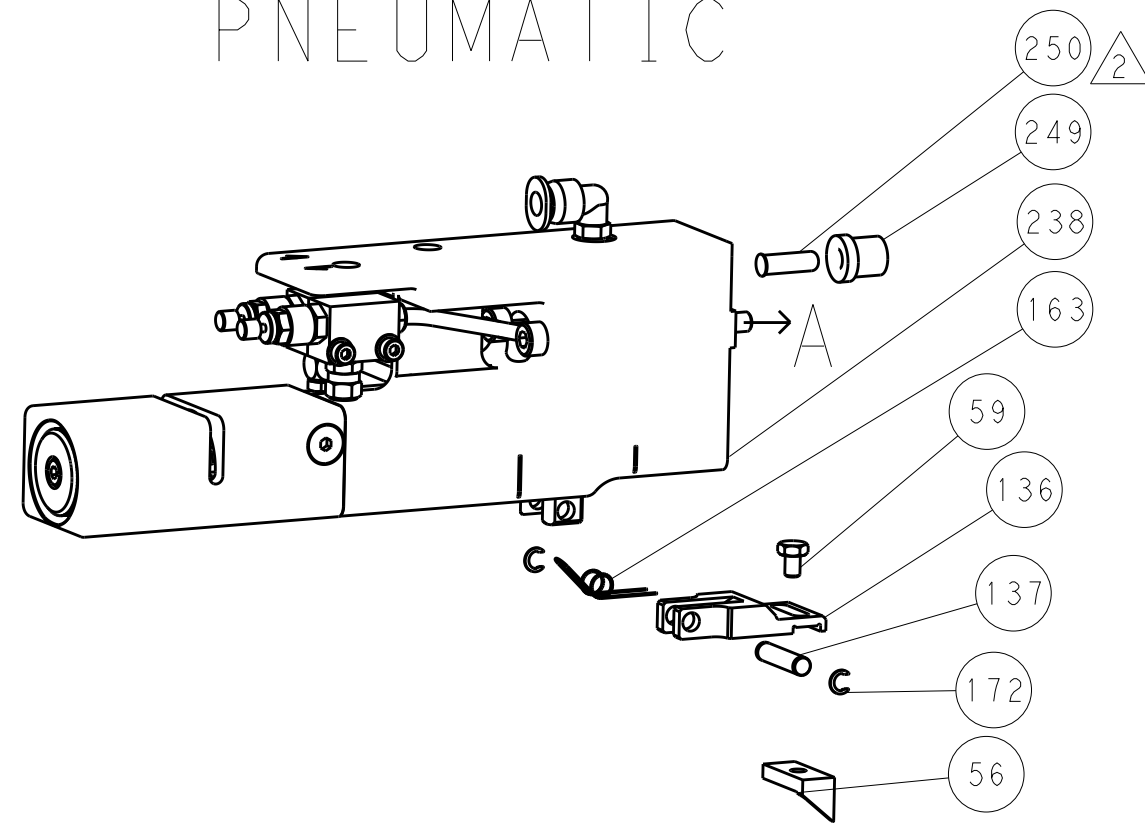
B

A

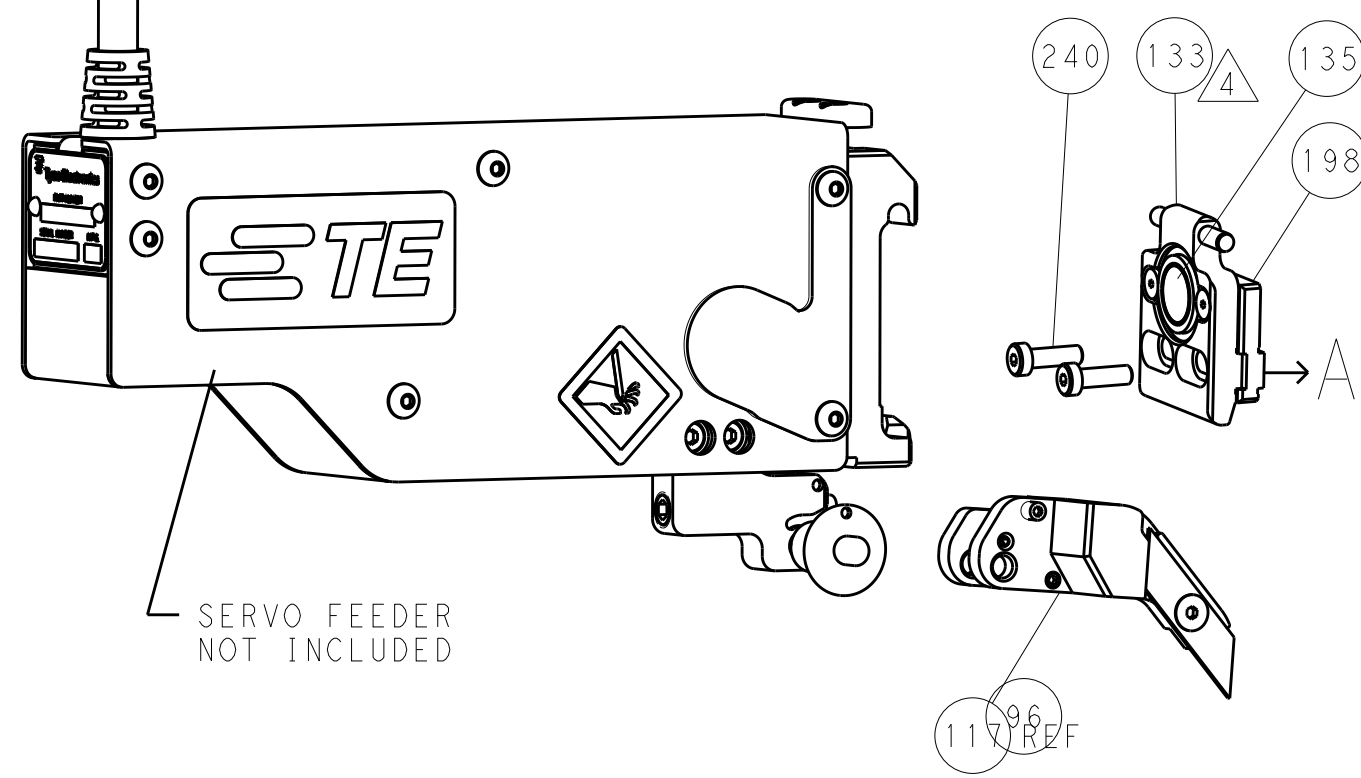
FEED TYPE MECHANICAL



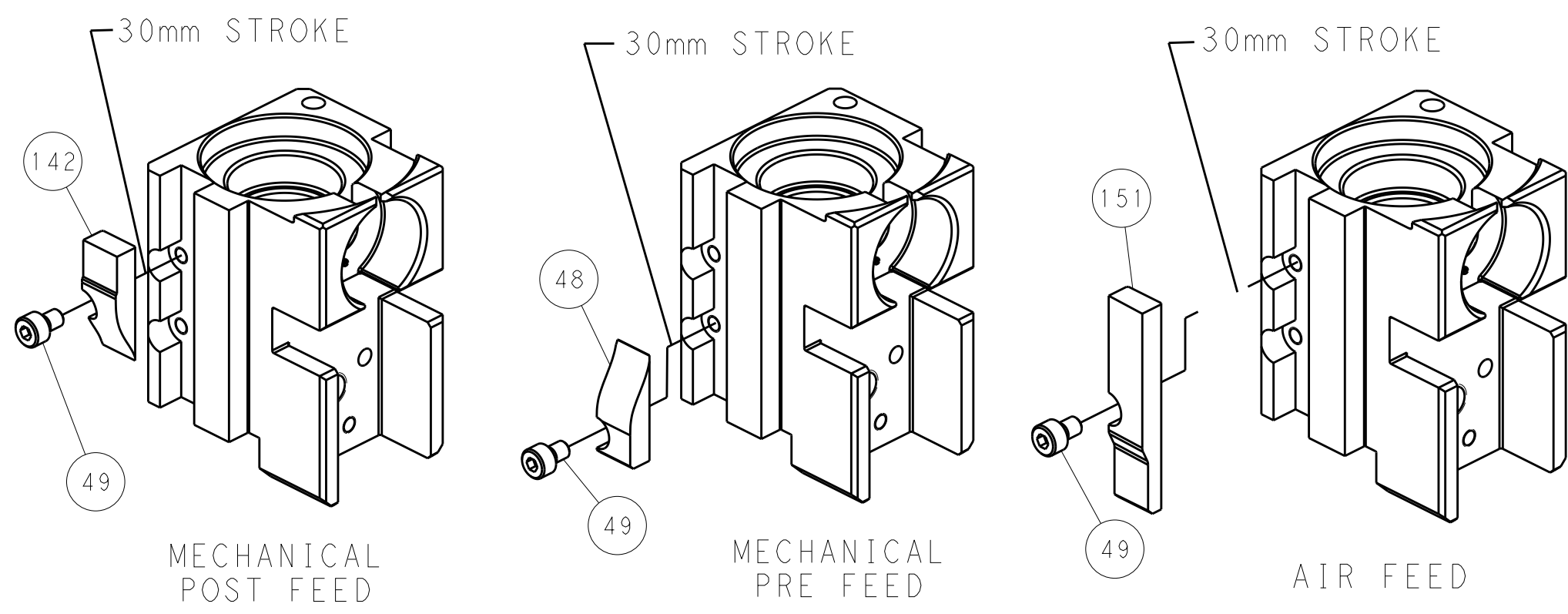
PNEUMATIC



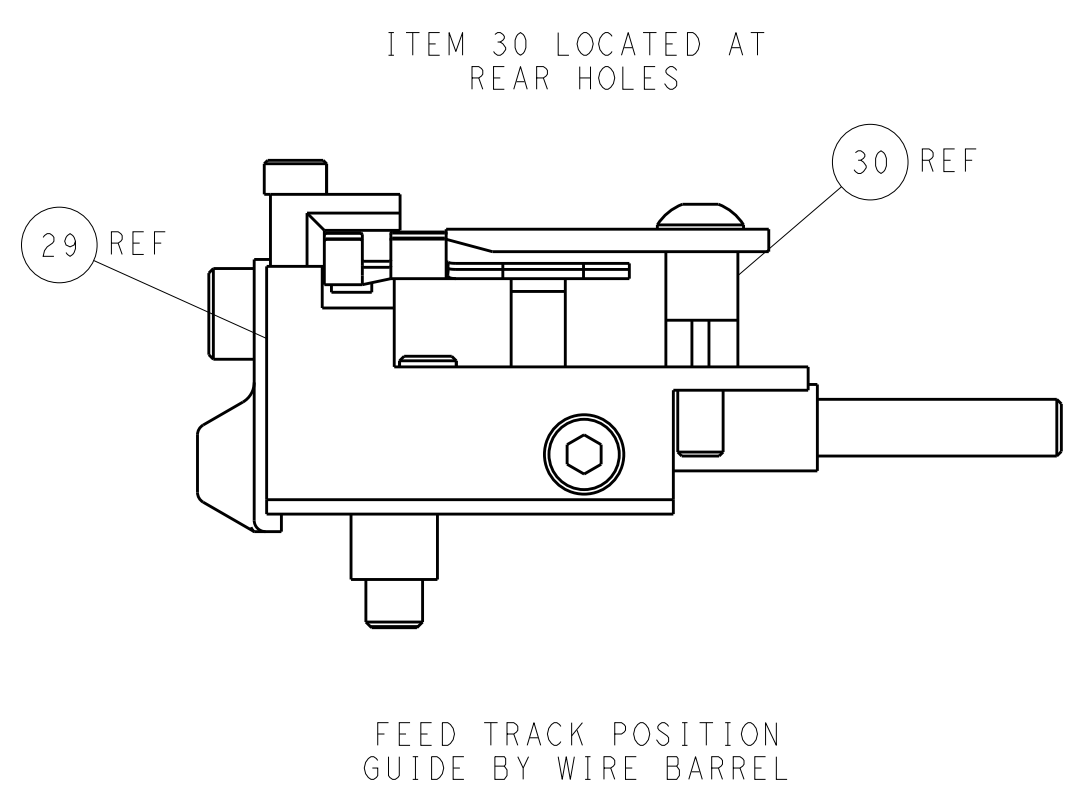
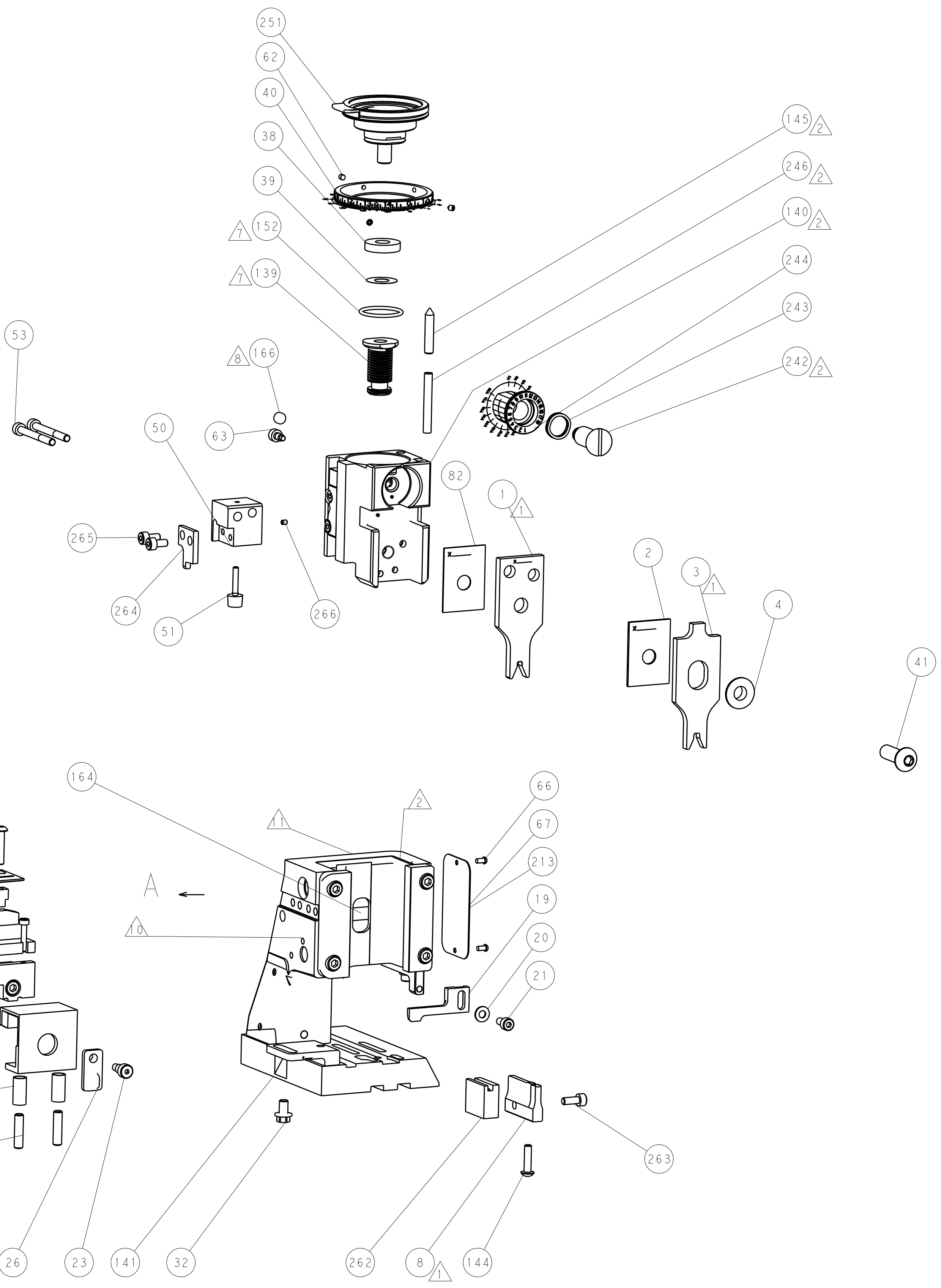
SERVO LATCH PLATE



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:		DWN R. KNEPPER 14MAY2012		CHK G. BAILEY 14MAY2012		APVD M. CLIFFORD 14MAY2012		NAME Ocean Side Feed Applicator	
0 PLC ±.1		1 PLC ±.02		2 PLC ±.02		3 PLC ±.005		4 PLC ±.0005		SIZE A1	
ANGLES		FINISH		WEIGHT		CAGE CODE		DRAWING NO		RESTRICTED TO	
MATERIAL		-		-		-		00779		C=2151643	
Customer Accessible Production Drawing		SCALE		1:1		SHEET		4		OF 4	
										REV	
										A	