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RELEASED FOR PUBLICATION

20

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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

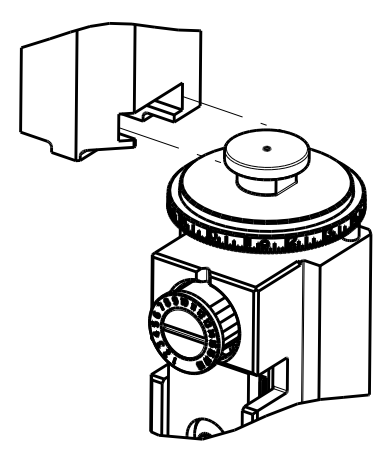
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151463-1

F

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED
SERVO LATCH PLATE
SMART APPLICATOR

2119950-1
2119951-1
2161326-1

1338685-1
-
-

5-18022-5
8-2151463-5
8-2151463-4

2119641-1
1901094-3
-

2119799-1
-
-

2063440-1
2168400-6 (QUANTITY 2)
-

2151463-2

F

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED
SERVO LATCH PLATE
SMART APPLICATOR

2119949-1
2119951-1
2161326-1

1338685-1
-
-

5-18022-5
8-2151463-5
8-2151463-4

2119653-1
1901094-3
-

-
-
-

2168400-6 (QUANTITY 2)
-

2151463-5

F

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴

MECHANICAL FEED
PNEUMATIC FEED

2119949-1
2119950-1

1338685-1
1338685-1

5-18022-5
5-18022-5

2119653-1
2119641-1

-
2119799-1

-
2063440-1

2151463-6

F

NON-CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE⁴¹²

-

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-

2151463-7

F

FINE CRIMP HEIGHT ADJUST

NONE

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7-2151463-7

E

CRIMP TOOLING KIT

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APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.01 mm [.079]

F

INSUL

2.49 mm [.098]

O

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: FCI TERMINAL

FORD CRIMP SPECIFICATION

TERMINAL NAME: 2.80MM WIRE SNAP ON FEMALE TERMINAL

WIRE STRIP LENGTH

4.71-4.72 mm [.185-.186 IN]

INSULATION DIAMETER RANGE

Ø 1.90 mm [.075 IN] MAX

TERMINAL APPLICATION SPECIFICATION

FORD Rev A

-

-

FCI WLBD100 Rev 10.4

-

-

TERMINALS APPLIED

TE TERMINAL

FCI TERMINAL

TE TERMINAL

INTERLOCK TERMINAL

1572901-1

54001800

1572901-4

JTP 1811-29

1572901-8

54001802

1572901-9

JTP 1811-29G

1832575-1

54001803

1572901-3

JTP 1811-66AU

TE TERMINAL

NON-CHRYSLER TERMINAL

TE TERMINAL

DAIMLER CHRYSLER

1572901-6

JS-1811-29

1572901-7

04687767

1-1572901-0

JS-1811-29G

1-1572901-1

04707172

1-1572901-2

JS-1811-66AU

1-1572901-3

04667819

TE TERMINAL

FORD TERMINAL

1572901-5

F8V8-14474-BA

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING⁹

1.00mm2

1.40+/-0.05 [.055+/- .002]

7.8

18 AWG

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

8.3

0.75mm2

1.30+/-0.05 [.051+/- .002]

8.9

0.50mm2

1.25+/-0.05 [.049+/- .002]

9.3

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: 8-2151463-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151463-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151463-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151463-6

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 ITEMS 62.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 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 -6 NON-CRIMP HEIGHT ADJUST APPLICATOR USE SHIM PACK 2119957-2 TO ALIGN APPLICATOR'S MAXIMUM WIRE CRIMP HEIGHT AT NORMAL TERMINATOR SHUT HEIGHT

13 CUT TO LENGTH AT ASSEMBLY.

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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

-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

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

E

ECR-15-002508

13FEB2015

RK

GB

F

ECR-15-004887

27MAR2015

KH

TE

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1

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2119640-1

PUSH ROD, AIR FEED

250

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1

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2079988-1

BUSHING, LCH5-12, MISUMI

249

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2119641-1

FEED CAM, AIR FEED

248

-

1

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1

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1

2119798-1

DETENT PIN

247

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1

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1-22279-3

SPRING, COMPRESSION

246

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1

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2119758-1

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

245

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2119082-4

CAM, SNAIL, INSULATION ADJUSTMENT

244

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1

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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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7-18023-7

SCR, SKT HD CAP M3 X 4.0

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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1

2119580-1

MECHANICAL FEED ASSEMBLY

239

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1

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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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2

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21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

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1

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1

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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1

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240638-1

SPRING, FEED FINGER

163

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-

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-

1

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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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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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318563-1

GUARD, FRONT CHIP

89

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455888-6

SPACER, CRIMPER

82

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2119956-1

DOCUMENTATION PACKAGE

71

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1

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2119740-1

TAG, IDENTIFICATION

67

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2

2

2

2

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2

2168078-1

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

66

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2119793-1

LIMITER, ADJUSTMENT BOLT

63

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3

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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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1338685-1

PAWL, FEED

56

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4

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2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

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2

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1-2168083-0

SCR, SKT HD CAP, RoHS, M4 X 10

53

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5018030-1

NUT, HEX, REG, RoHS, M3

52

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811242-5

BUMPER, HOLD DOWN

51

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690753-2

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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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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1-2119644-2

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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1752356-3

SUPPORT, TERMINAL

34

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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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1320908-2

SPACER, STRIP GUIDE

30

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2119959-2

ASSEMBLY, STRIP GUIDE

29

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455888-3

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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1-356885-3

STOP, SHEAR

11

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2119805-1

SHEAR HOLDER, FRONT

10

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1803095-1

FLOATING SHEAR, FRONT

9

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1633932-4

ANVIL, COMBINATION

8

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2119757-8

DEPRESSOR, SHEAR

5

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2-238011-1

BLOCK, CRIMPER SPACER

4

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1-1803018-1

CRIMPER, INSULATION O

3

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455888-4

SPACER, CRIMPER

2

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3-1633305-2

CRIMPER, WIRE PREMIUM

1

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

DWN

BOB HIGMAN

08MAR2012

CHK

T. ELBIN

08MAR2012

APVD

M. CLIFFORD

08MAR2012

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

FINISH

±.5

MATERIAL

-

NAME

Ocean Side Feed Applicator

SIZE

A1

CAGE CODE

00779

DRAWING NO

©=2151463

RESTRICTED TO

-

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

REV

F

AMP 4805 REV 31MAR2000

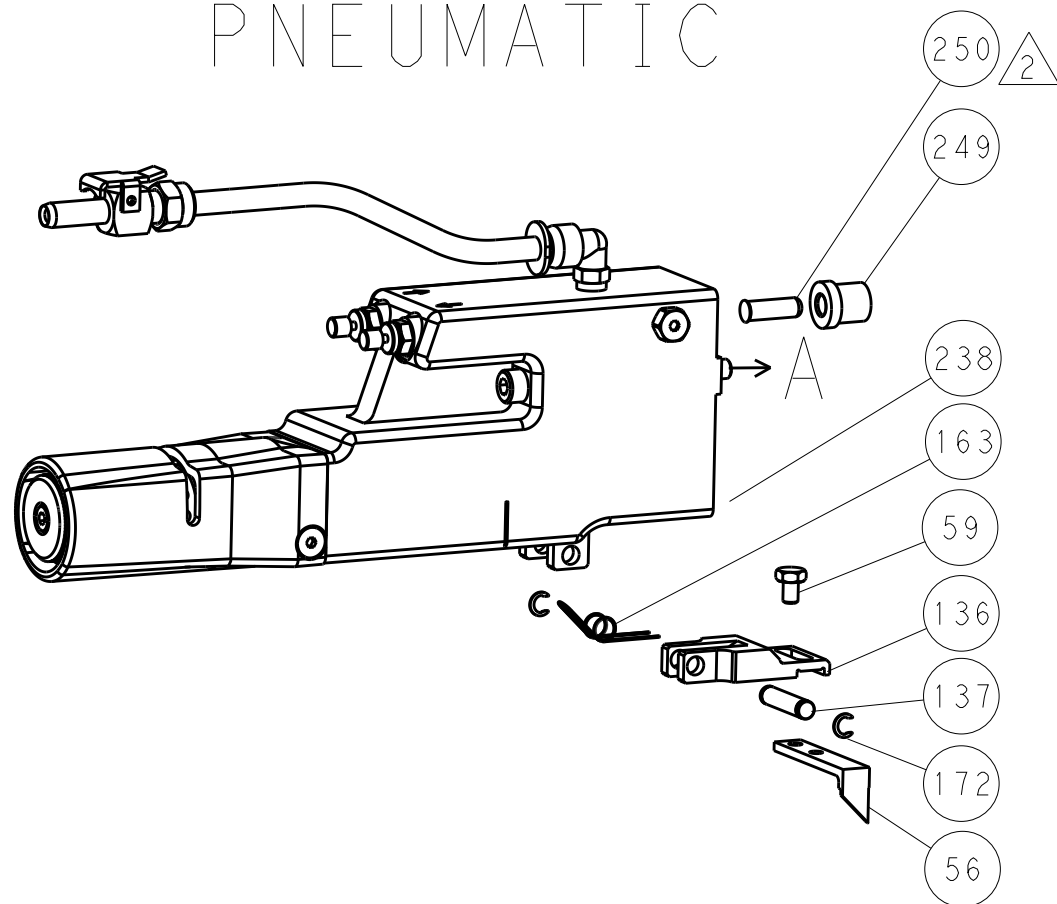
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

FEED TYPE
MECHANICAL



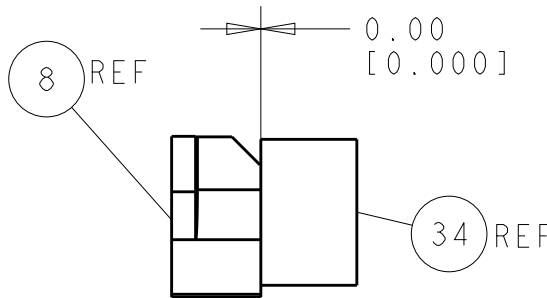
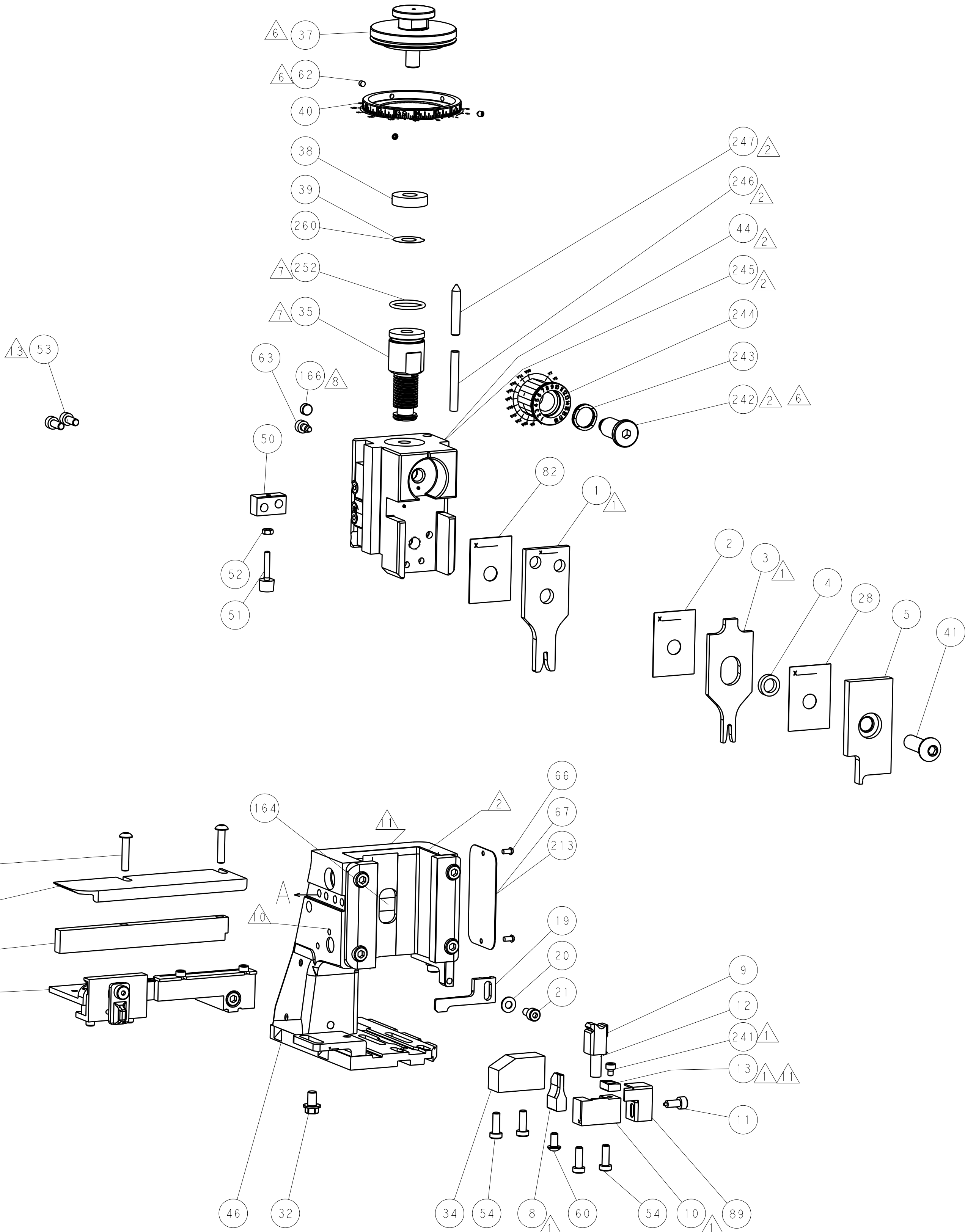
PNEUMATIC



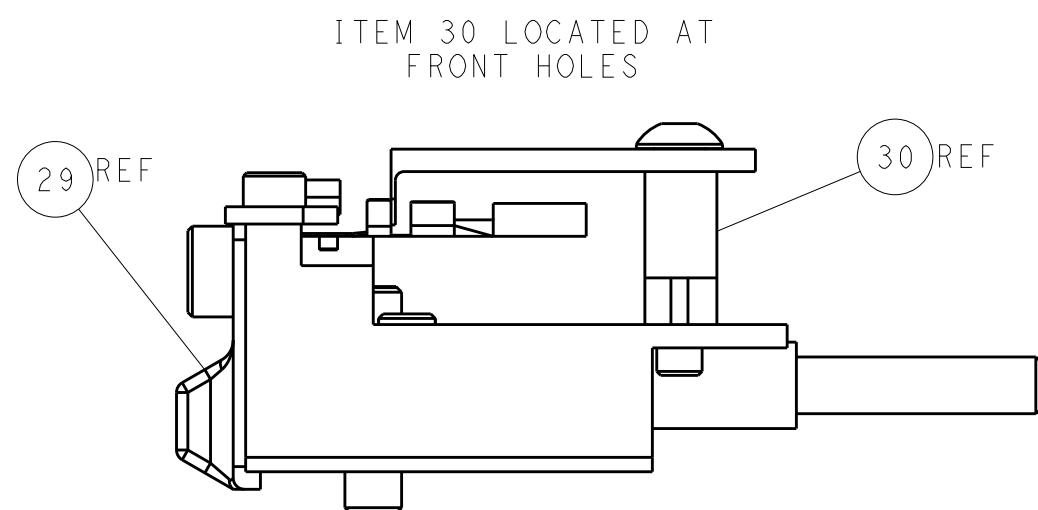
SERVO
LATCH PLATE



CAM POSITIONS



TERMINAL SUPPORT LOCATION



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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		TE Connectivity	
mm		0 PLC ±.5		BOB HIGMAN 08MAR2012		Harrisburg, PA 17105-3608	
Ø		1 PLC ±0.13		T. ELBIN 08MAR2012		NAME	
MATERIAL		2 PLC ±0.13		W. CLIFFORD 08MAR2012		Ocean Side Feed Applicator	
		4 PLC ±0.001				SIZE	
		FINISH				CAGE CODE	
						DRAWING NO	
						RESTRICTED TO	
						A1 00779 ©=2151463	
						Customer Accessible Production Drawing	
						SCALE 1:2	
						SHEET 2 OF 4	
						REV F	

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

D

C

B

A

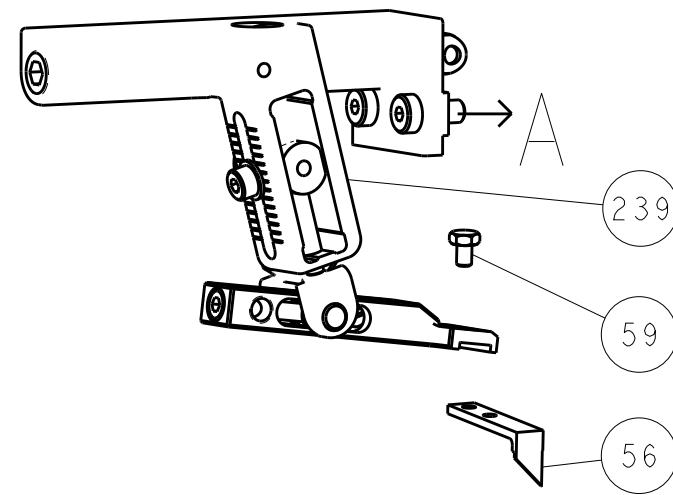
D

C

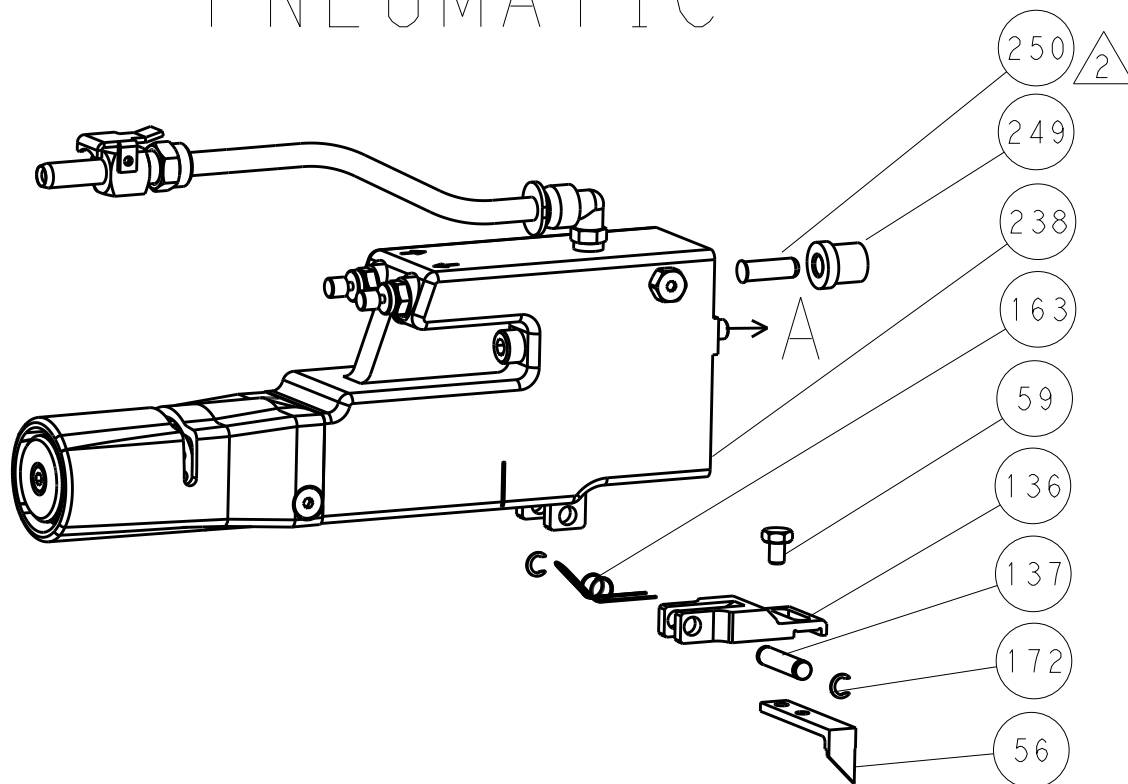
B

A

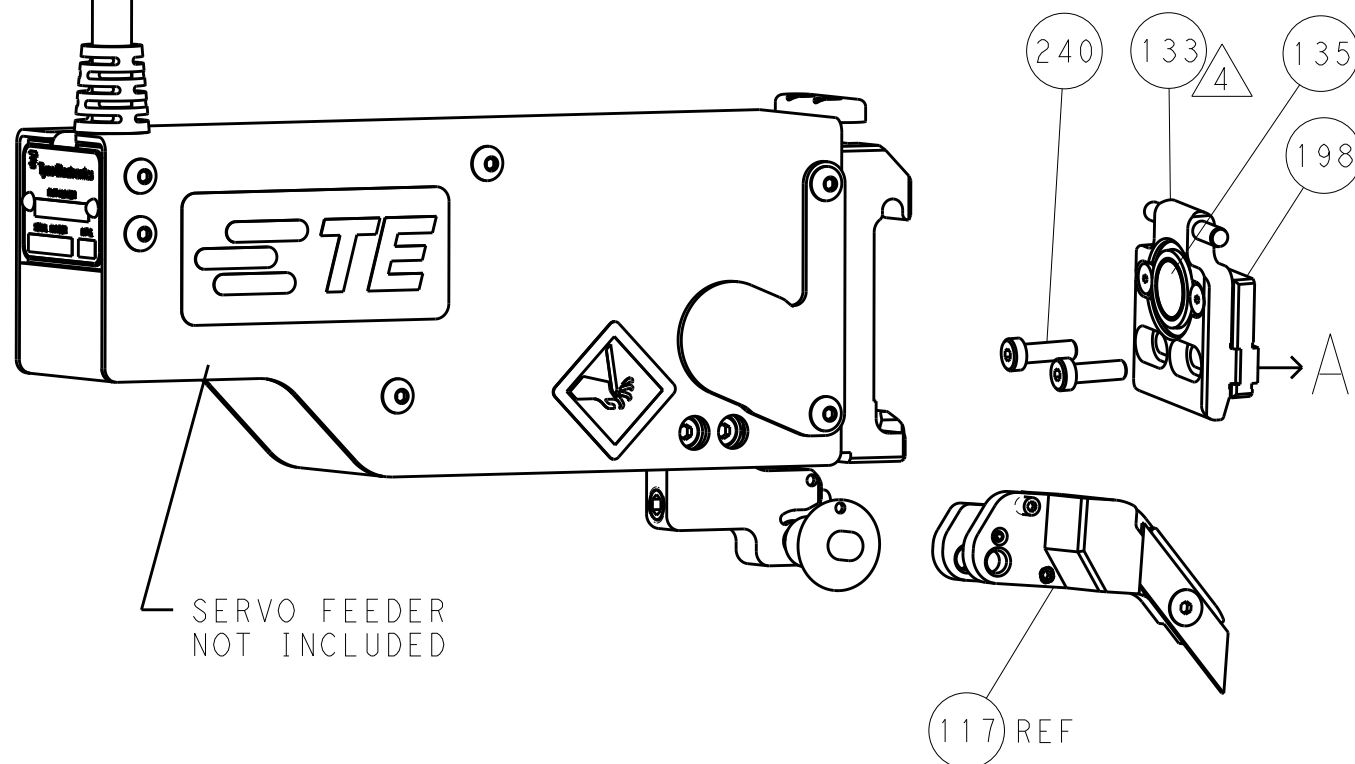
FEED TYPE MECHANICAL



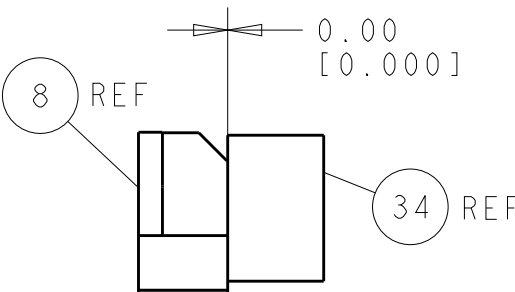
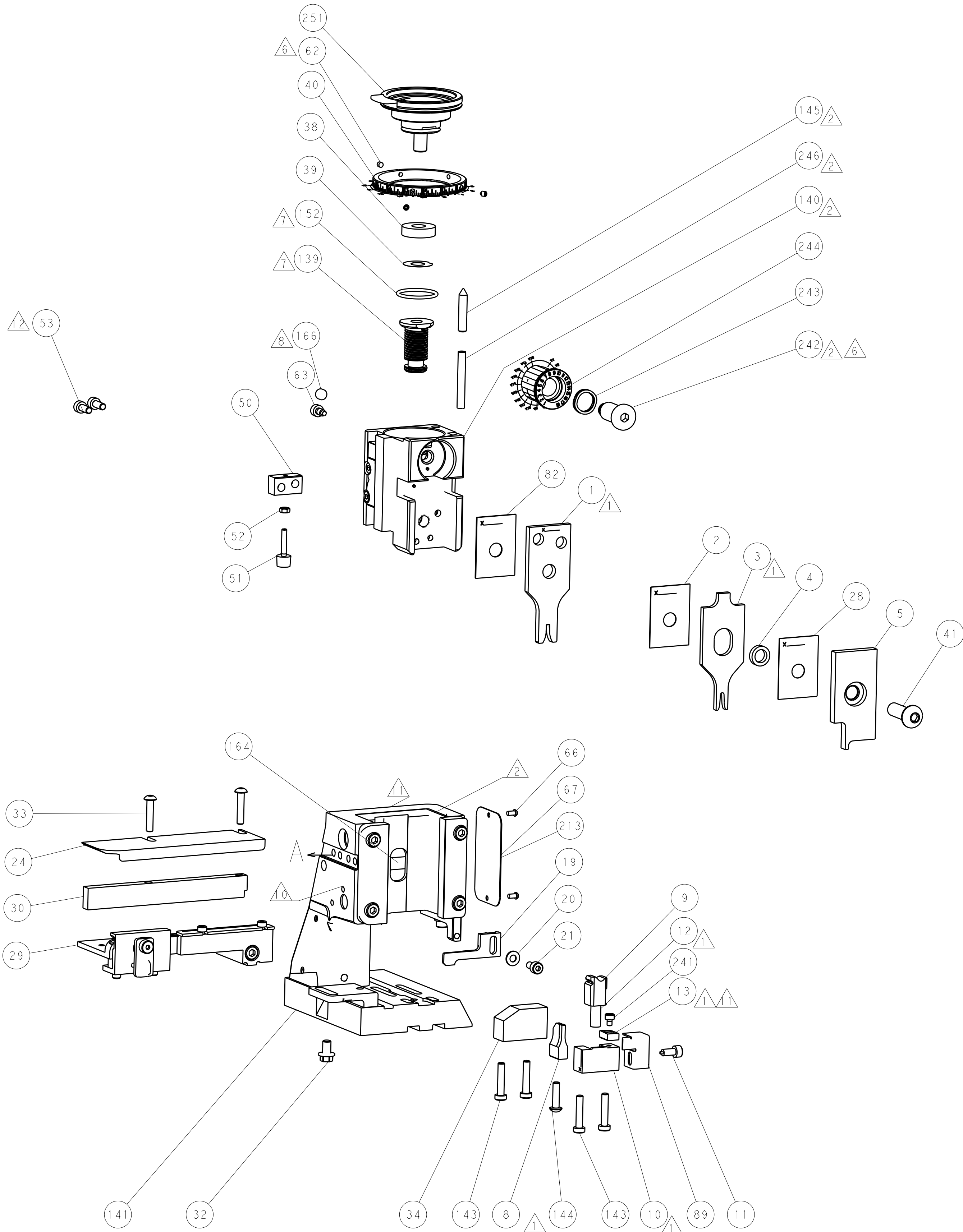
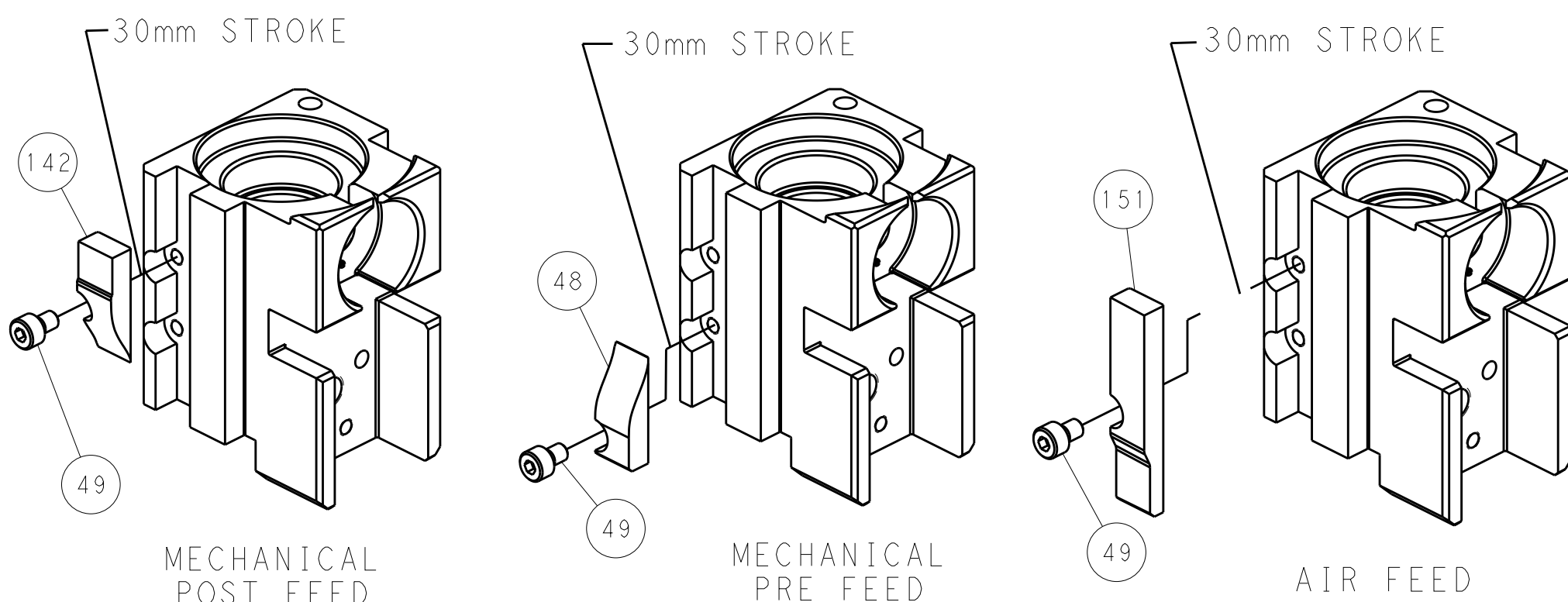
PNEUMATIC



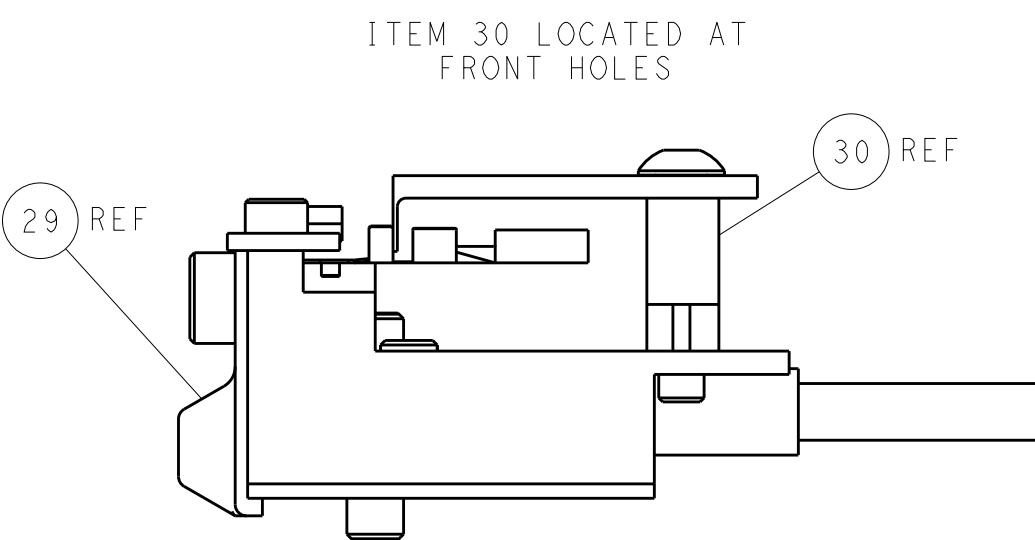
SERVO LATCH PLATE



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)

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR THE LATEST VERSION.		OWN: BOB HIGMAN 08MAR2012		CHK: T.ELBIN 08MAR2012		APVD: M.CLIFFORD 08MAR2012		NAME: Ocean Side Feed Applicator	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC:		APPLICATION SPEC:		SIZE: A1	
0 PLC ±.5		1 PLC ±.5		2 PLC ±.5		3 PLC ±.5		4 PLC ±.5	
ANGLES FINISH		WEIGHT		Customer Accessible Production Drawing		SCALE: 1:2		SHEET 4 OF 4	
MATERIAL		REV: F		DRAWING NO: 00779		CAGE CODE: 2151463		RESTRICTED TO:	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION