

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

REVISION

DESCRIPTION

FEED TYPE

APPLICATOR STYLE CONVERSION CHART

2151446-1

J

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119950-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151446-5

8-2151446-4

2119641-1

1901094-3

-

2119799-1

455053-2

-

2063440-1

2168400-6 (QUANTITY 2)

-

2151446-2

J

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

SERVO LATCH PLATE

SMART APPLICATOR

2119949-1

2119951-1

2161326-1

1338685-1

-

-

5-18022-5

8-2151446-5

8-2151446-4

2119653-1

1901094-3

-

-

455053-2

-

-

2168400-6 (QUANTITY 2)

-

2151446-5

J

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

-

-

2151446-6

J

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE⁴¹²

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

2151446-7

J

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

7-2151446-7

E

CRIMP TOOLING KIT

-

-

-

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

0.91 mm [.036]

F

INSUL

0.86 mm [.034]

F

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: HIROSE TERMINAL HIROSE CRIMP SPECIFICATION

TERMINAL NAME: RECEPTACLE

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

1.20-1.90 mm [.047-.075 IN]

Ø0.65-1.00 mm [.026-.039 IN]

TERMINAL APPLICATION SPECIFICATION

TAD-P-0506 Rev A

-

-

TERMINALS APPLIED³

TE TERMINAL

HIROSE TERMINAL

TE TERMINAL

HIROSE TERMINAL

286508-1

DF132630SCF

286508-2

DF132630SCFA

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING⁹

26 AWG

0.50+/-0.02 [.0196+/- .0008]

6.7

28 AWG

0.48+/-0.02 [.0189+/- .0008]

6.9

30 AWG

0.47+/-0.02 [.0185+/- .0008]

7.0

RECOMMENDED SPARE PARTS

GREASE BEARING SURFACES LIGHTLY

LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.

APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151446-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151446-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151446-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151446-6

ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.

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.

GREASE THREADS, GROOVE AND O-RING ON ITEMS 35 & 252.

MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

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.

SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

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.

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

TERMINAL LUBRICANT IS RECOMMENDED.

2119957-2

8-21084-0

2119640-1

1803259-1

2119641-1

2119798-1

1-22279-3

2119758-1

2119082-5

2079764-1

2119083-1

7-18023-7

2168400-6

2119580-1

2063440-1

PART NO

APPLICATOR SHIM PACK

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

PUSH ROD, AIR FEED

BUSHING, FLANGED

FEED CAM, AIR FEED

DETENT PIN

SPRING, COMPRESSION

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

CAM, SNAIL, INSULATION ADJUSTMENT

WASHER, WAVE SPRING, CREST-TO-CREST

RETAINER, INSULATION DIAL

SCR, SKT HD CAP M3 X 4.0

SHCS, LOW HEAD, RoHS, M5 X 16

MECHANICAL FEED ASSEMBLY

AIR FEED MODULE

DESCRIPTION

260

252

250

249

248

247

246

245

244

243

242

241

240

239

238

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

LOC

DIST

REVISIONS

2119599-1

A

66

P

LTR

DESCRIPTION

DATE

DWN

APVD

G

ECR-16-005951

25APR2016

XZ

GB

H

ECR-16-008463

10JUN2016

MEH

CT

J

ECR-16-013341

19SEP2016

TB

GB

2119740-2

1901094-3

455053-2

4-21028-0

22278-9

1803129-1

21045-3

994969-1

994970-2

240638-1

3-23627-7

2119799-1

SEE NOTE 4

1633743-1

1-22281-8

2119944-1

2119955-1

1-690438-0

4-1655316-4

8-1655316-7

1-455888-8

2119956-1

1-2119791-4

2119943-1

18026-1

2119740-1

2168078-1

2119793-1

992763-5

2-18032-5

2079383-4

5-18022-5

1338685-1

2168400-1

1-2168083-2

18031-1

1424303-2

455052-3

18023-9

2119652-1

2119653-1

2119656-9

2119370-1

2079383-7

2119645-1

2119957-1

1-2119644-4

2119085-1

2119092-1

2-1752356-7

2079383-5

2161328-1

1320908-2

2-1901086-0

1-22284-0

356835-1

240792-1

1320928-2

980371-4

2168083-2

1-18028-2

2119533-4

2119806-1

3-22280-3

1-356885-4

2119805-1

1633861-1

1803337-7

2119757-4

2-238011-5

1-1803326-0

455888-4

1803323-8

TAG, IDENTIFICATION

SPACER, FEEDER

PLATE, RETAINING

PIN, SLOTTED SPRING .094 X .750

SPRING, COMPRESSION

PLATE, RETAINER

RING, RETAIN, EXTERN, 3/16 CRESCENT

MAGNET, RARE EARTH HIGH ENERGY

COUNTER, MAGNETIC

SPRING, FEED FINGER

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

HOLDER, FEED FINGER, AF

MEMORY CHIP, PROGRAMMED

SERVO FEED LATCH ASM

SPRING, COMPRESSION

FEED FINGER ASSEMBLY, SF

ASSY, LUBRICATOR, SIDE FEED

FRONT STRIP GUIDE

SCR, SKT HD CAP, M3 X 8.0

SCR, SKT HD CAP, M5 X 65

SPACER, CRIMPER

DOCUMENTATION PACKAGE

DEPRESSOR, WIRE

WASHER, SPACER

WASHER, SPRG LOCK, REG M3

TAG, IDENTIFICATION

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

LIMITER, ADJUSTMENT BOLT

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

SCR, SET, FLT POINT M5 X 20.0

SCR, BHSC, RoHS (M4 X 8)

SCR, HEX HD CAP, M4 X 6.0

PAWL, FEED

SHCS, LOW HEAD, RoHS, M4 X 12

SCR, SKT HD CAP, RoHS, M4 X 25

SCR, SET, CUP POINT M3 X 5.0

HOLDER, TERMINAL

CARRIER, HOLD DOWN

SCR, SKT HD CAP M4 X 6.0

FEED CAM, PRE FEED

FEED CAM, POST FEED

APPLICATOR BASIC ASSEMBLY, SF

RAM, AMP STYLE, SIDE FEED

SCR, BHSC, RoHS (M8 X 25)

DISC, NUMBERED FA WIRE ADJUSTMENT

APPLICATOR SHIM PACK

RAM WASHER, PRECISION

FA HEAD, ATLANTIC STYLE

BOLT, ADJUSTMENT

SUPPORT, TERMINAL

SCR, BHSC, RoHS (M4 X 20)

HEX HEAD, FLANGED, M5 x 8mm LONG

SPACER, STRIP GUIDE

PLATE, STRIP GUIDE

SPRING, COMPRESSION

LEVER, DRAG RELEASE

DRAG, TERMINAL

STRIP GUIDE

SCR, SKT HD SHLDR 5.0 DIA X 6.0

SCR, SKT HD CAP, RoHS, M4 X 8.0

WASHER, FLAT, REG M4

STRIPPER, SIDE FEED

INSERT, SHEAR

SPRING, COMPRESSION

STOP, SHEAR

SHEAR HOLDER, FRONT

SHEAR, FLOATING

ANVIL, COMBINATION

DEPRESSOR, SHEAR

BLOCK, CRIMPER SPACER

CRIMPER, INSULATION F

SPACER, CRIMPER

CRIMPER, WIRE PREMIUM

THIS IS SUBJECT TO CHANGE WITHOUT NOTICE AND WITHOUT LIABILITY. THE USER SHALL BE CONTACTED FOR THE LATEST EDITION.

DWN

CHK

APVD

T

LOC

DIST

REVISIONS

26SEPT2011

26SEPT2011

26SEPT2011

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

STAKEM

G. BAILEY

ELBIN

Ocean Side Feed Applicator

00779

©=2151446

Customer Accessible Production Drawing

SCALE

1:2

SHEET

1

OF

4

REV

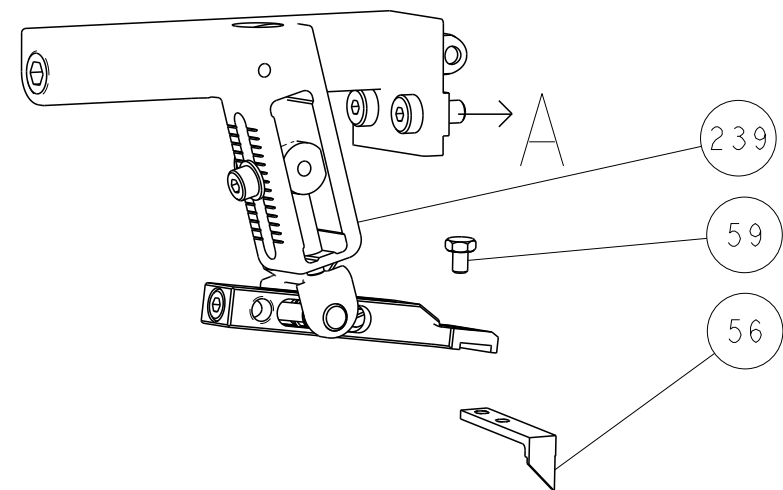
J

AMF 4805 REV 31MAR2000

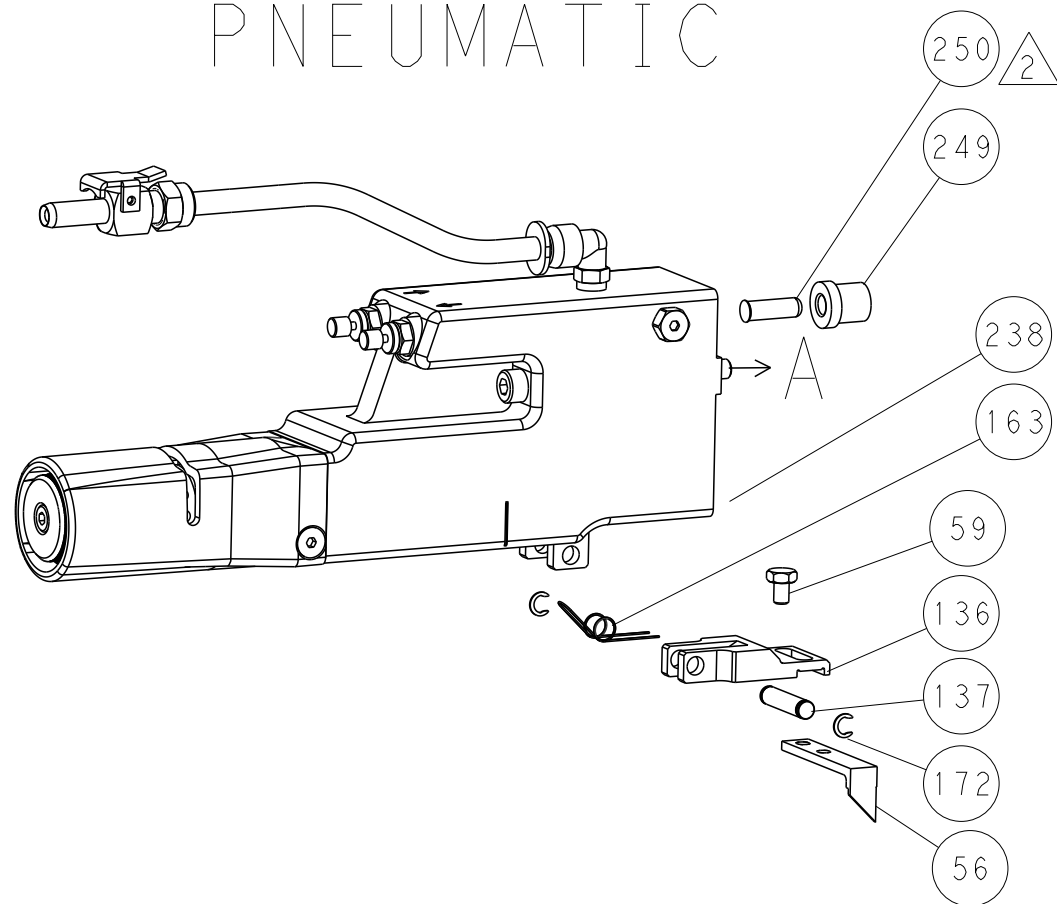
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

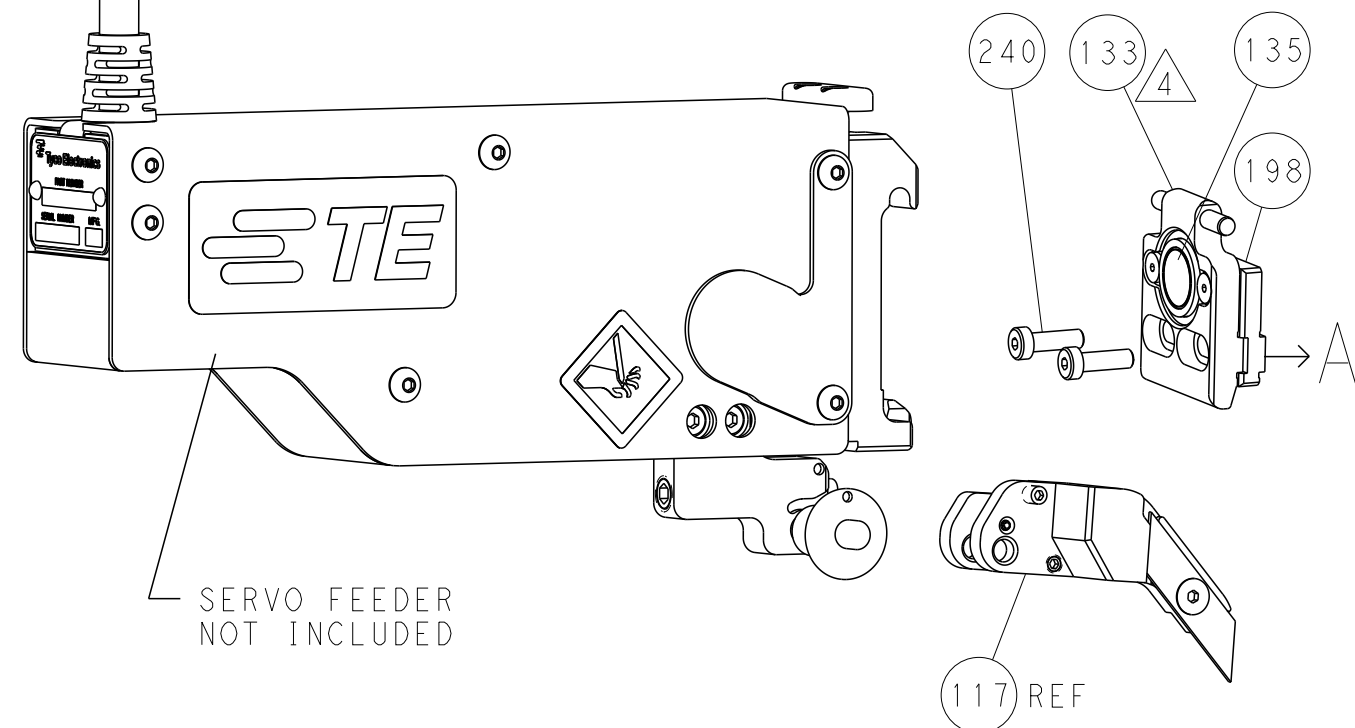
FEED TYPE
MECHANICAL



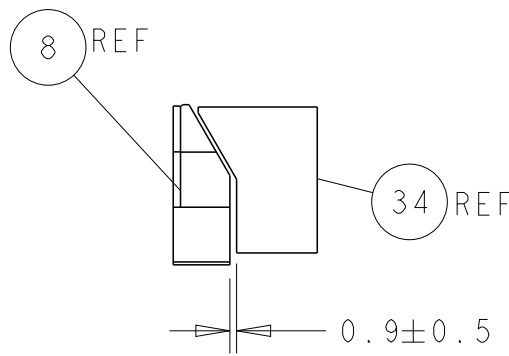
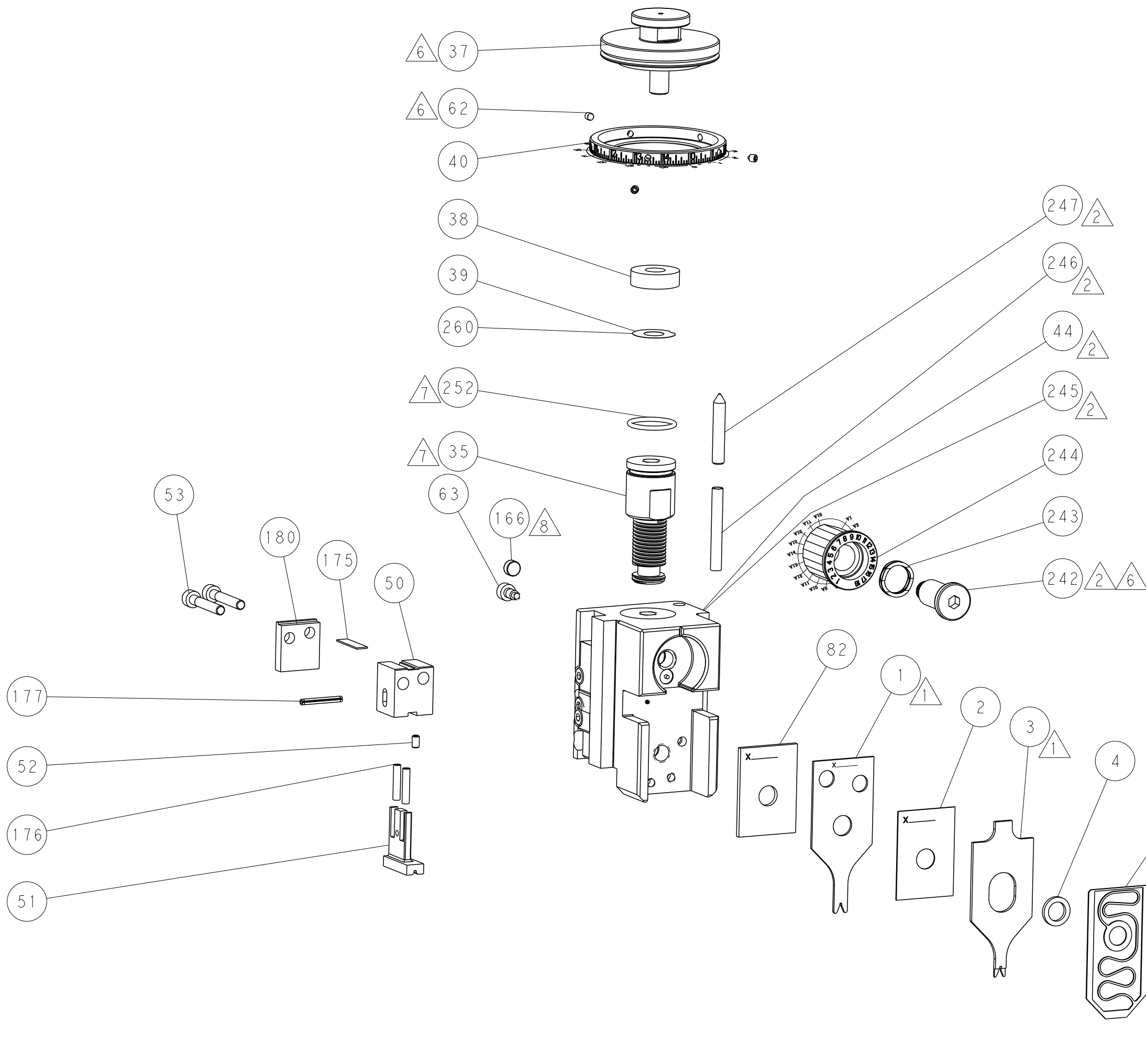
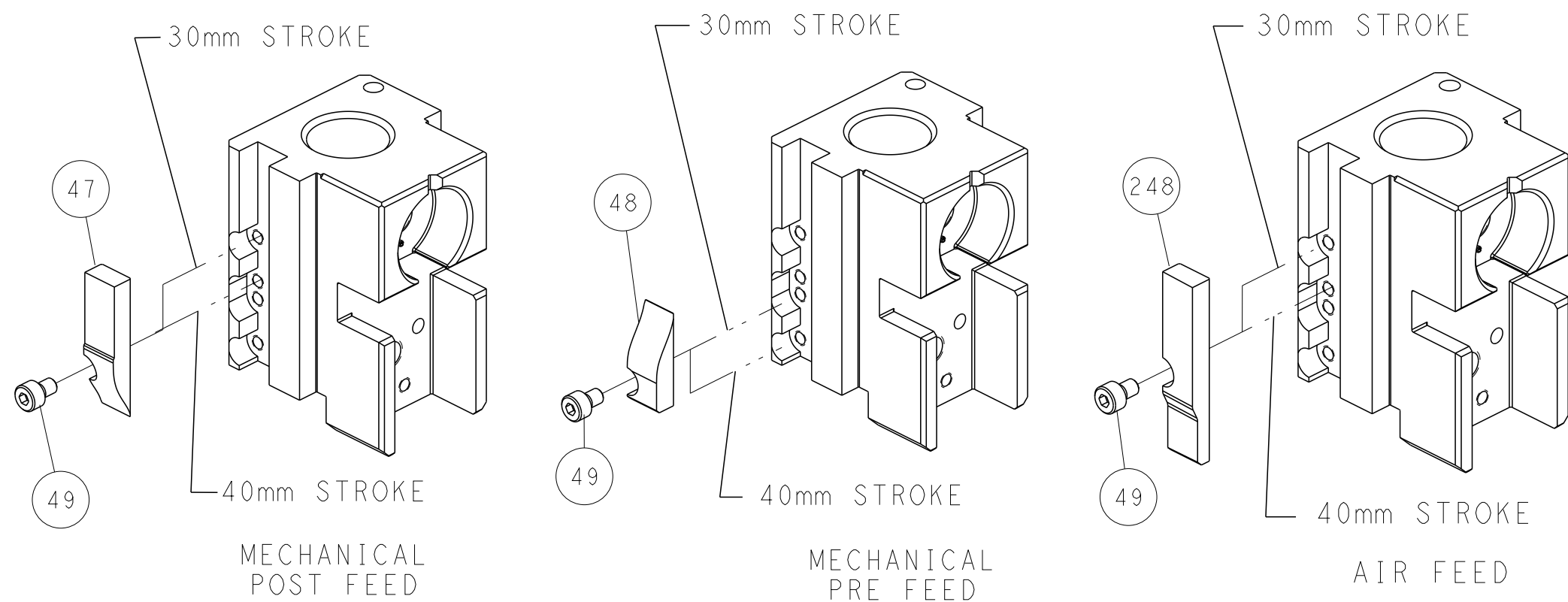
PNEUMATIC



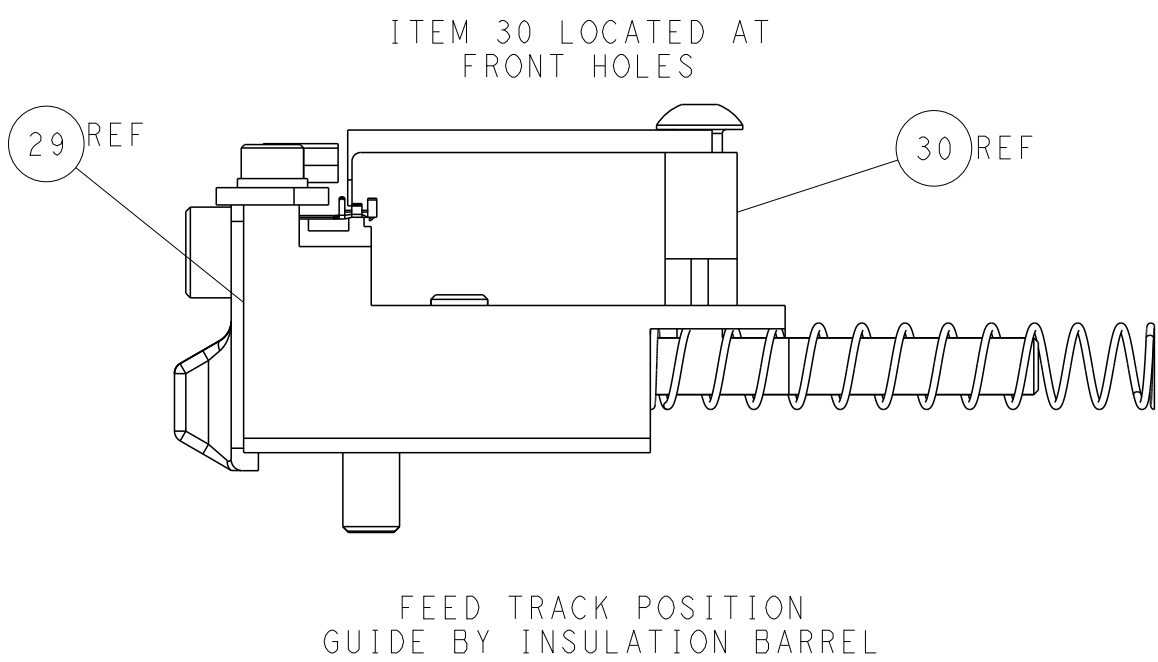
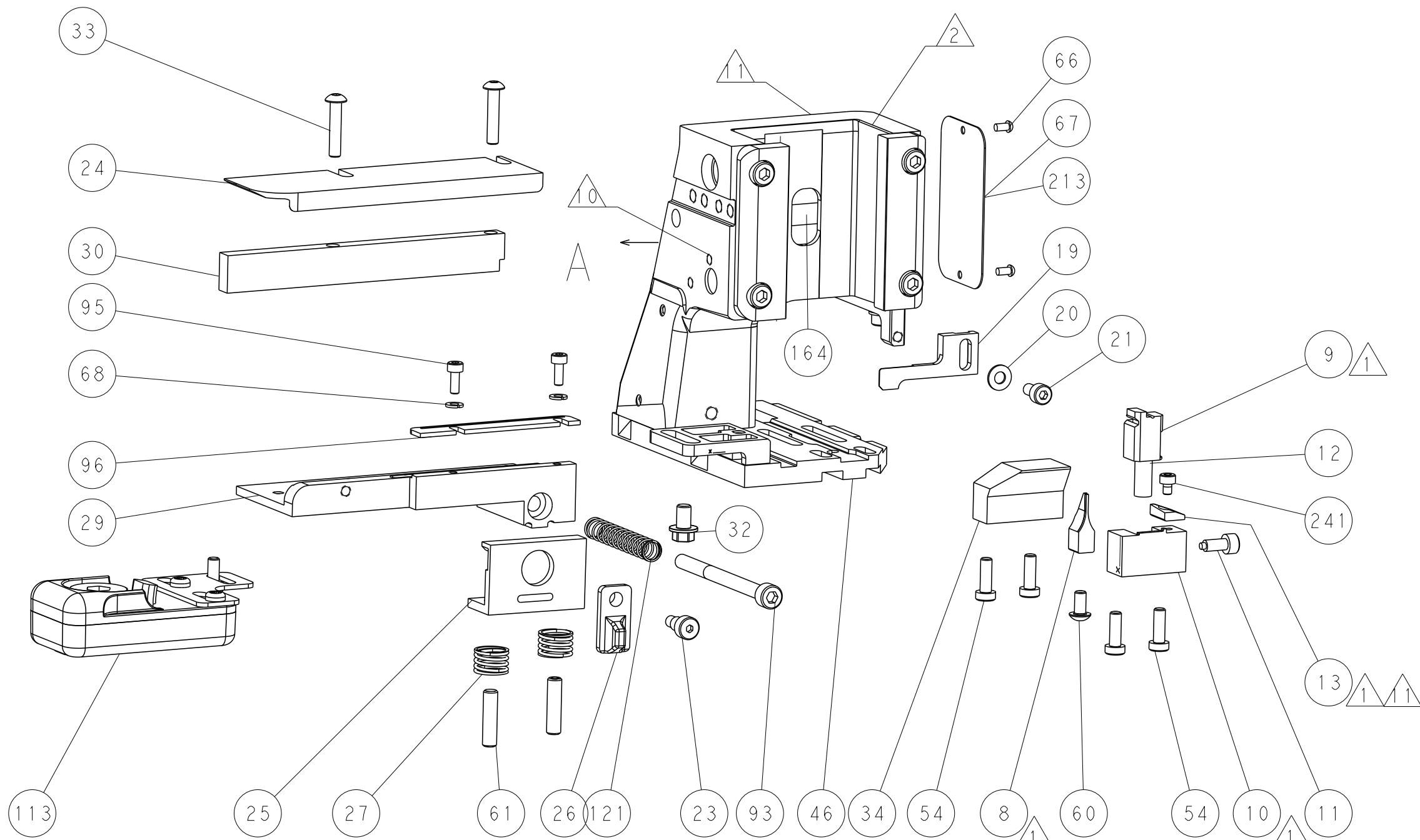
SERVO
LATCH PLATE



CAM POSITIONS



TERMINAL SUPPORT LOCATION



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

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS THE RESPONSIBILITY OF THE USER TO VERIFY THE DIMENSIONS AND TOLERANCES OF THE PARTS AND ASSEMBLY BEFORE USE.				OWN: K. STANEM 26SEPT2011 CHK: G. BAILEY 26SEPT2011 APVD: T. ELBIN 26SEPT2011				TE Connectivity Harrisburg, PA 17105-3608			
DIMENSIONS:				TOLERANCES UNLESS OTHERWISE SPECIFIED:				NAME: Ocean Side Feed Applicator			
mm				0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1				SIZE: A1			
MATERIAL: -				FINISH: -				CAGE CODE: 00779			
								DRAWING NO: C=2151446			
								RESTRICTED TO: -			
								SCALE: 1:2			
								SHEET: 2 of 4			
								REV: J			

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

D

C

B

A

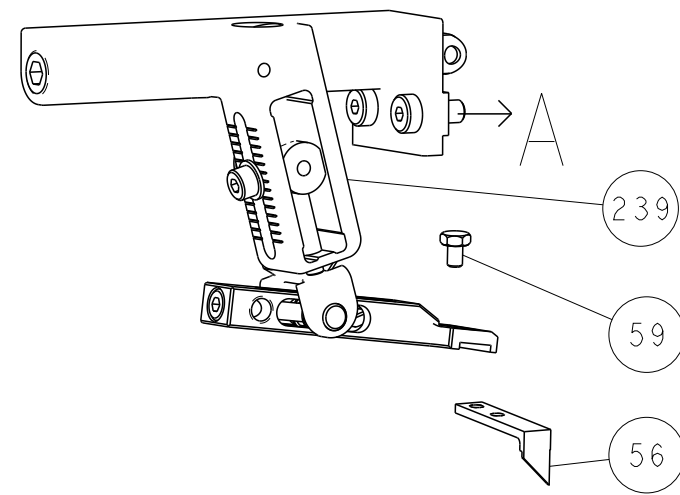
D

C

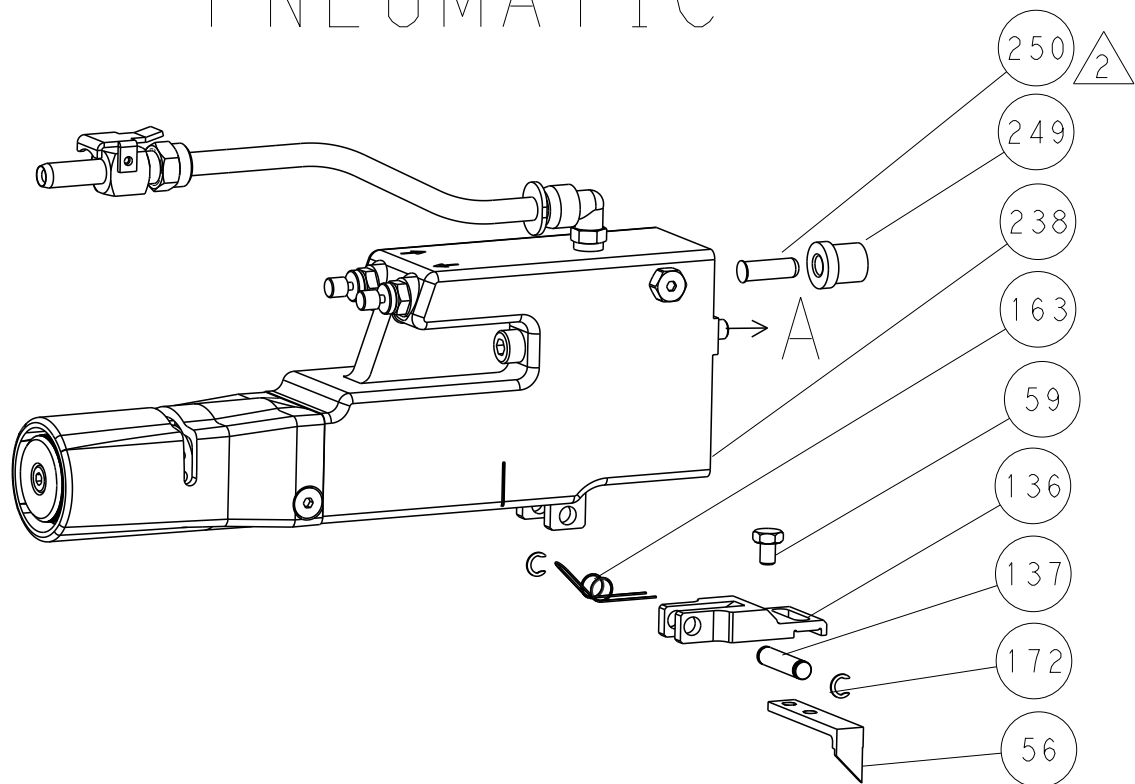
B

A

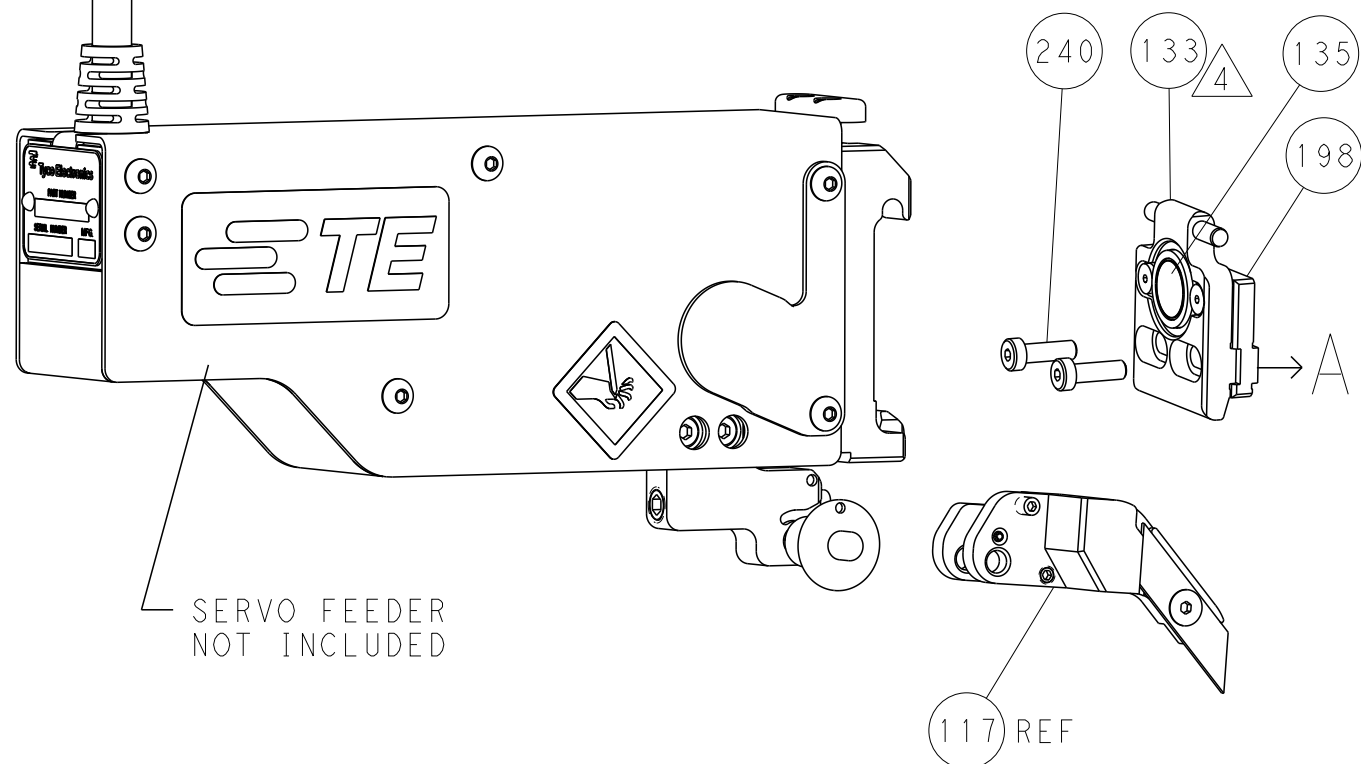
FEED TYPE MECHANICAL



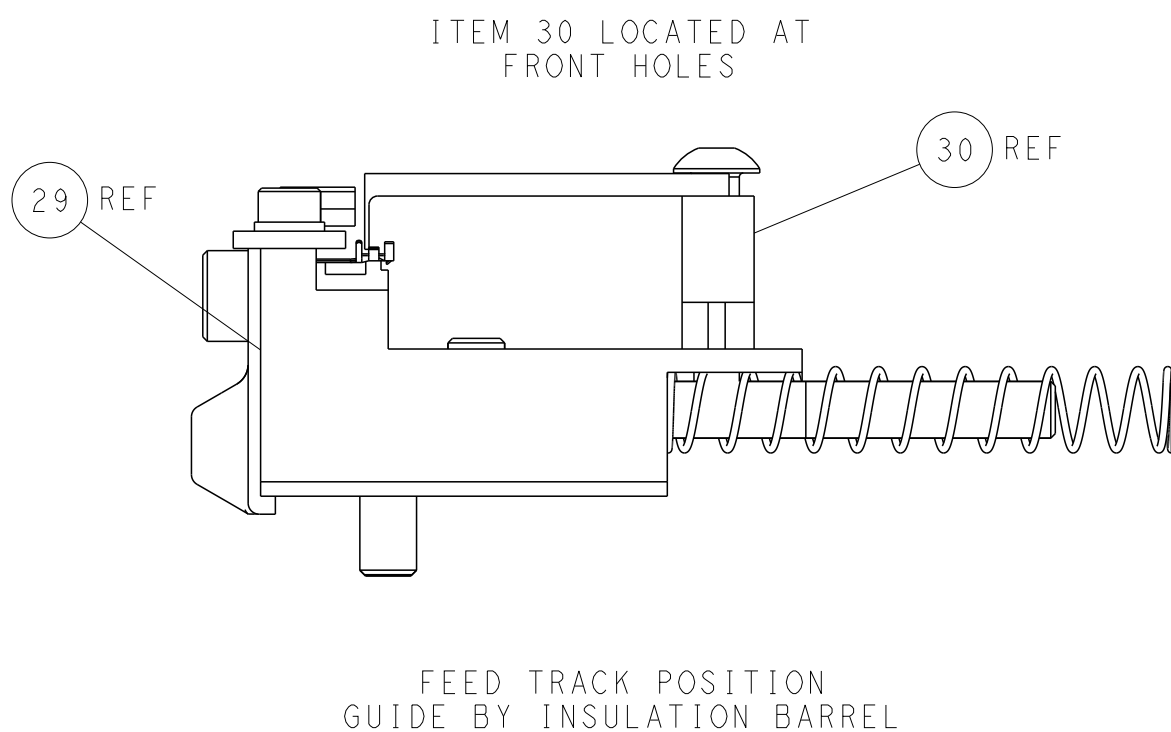
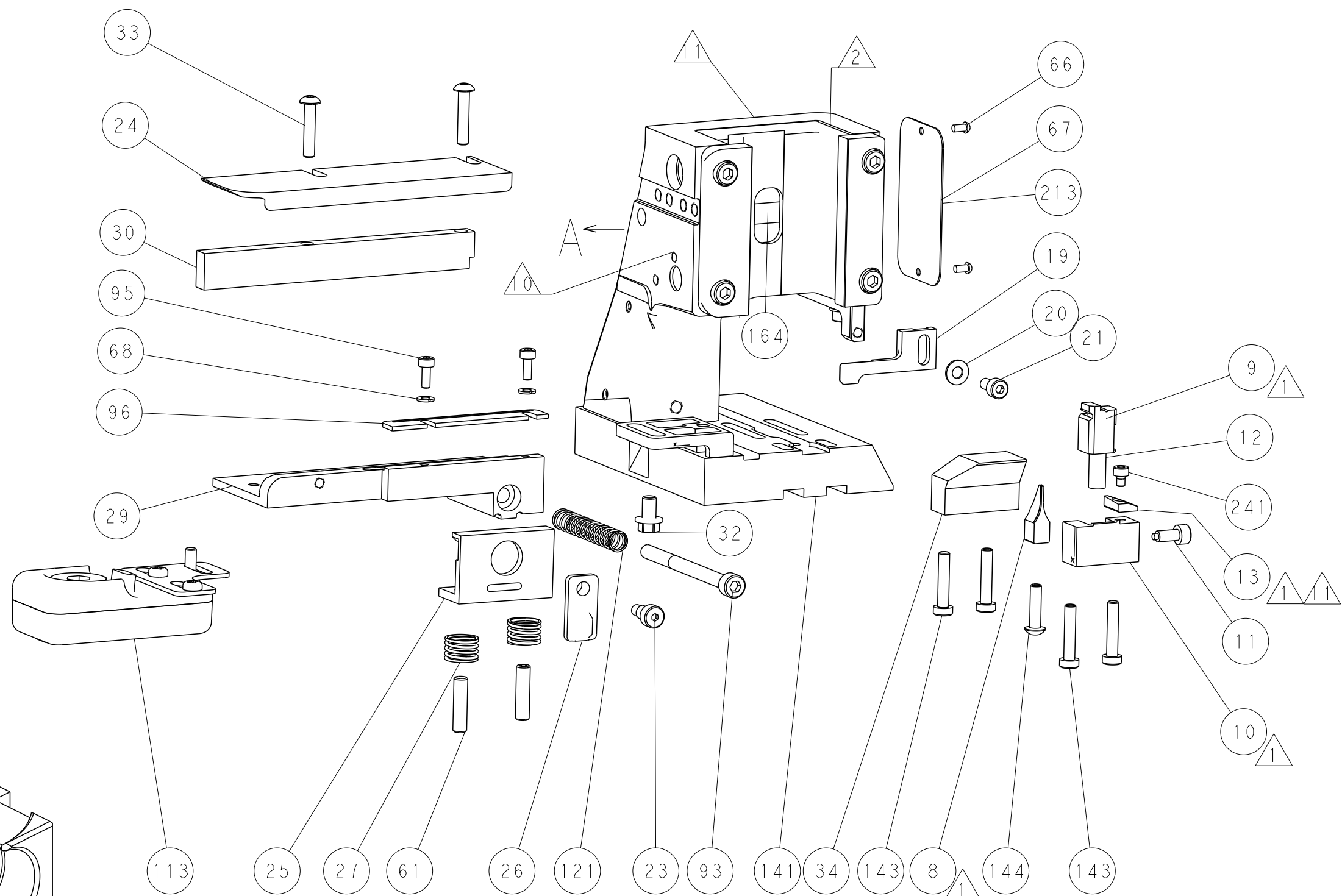
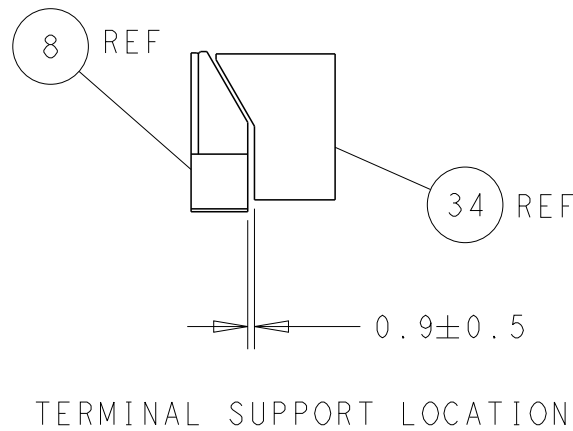
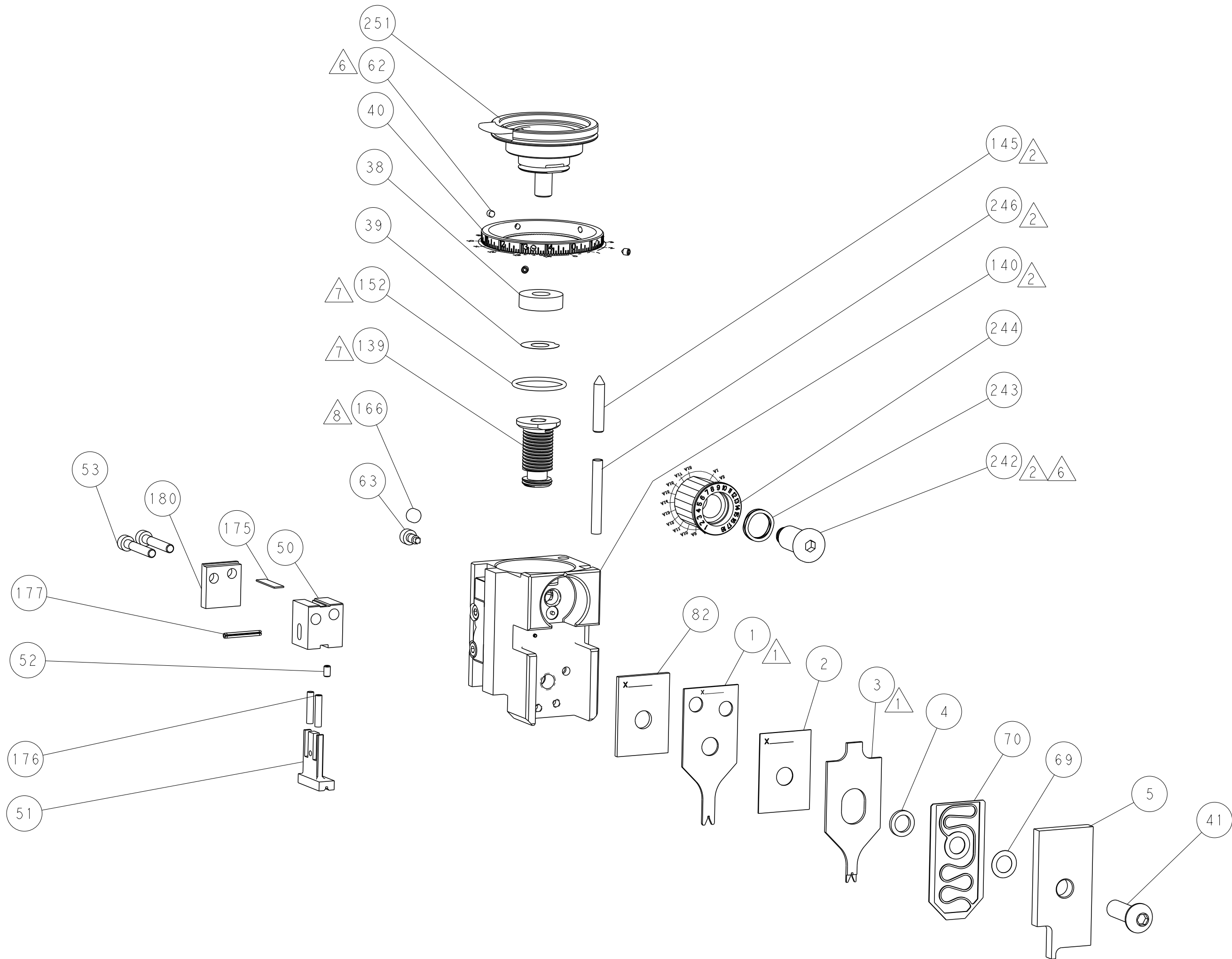
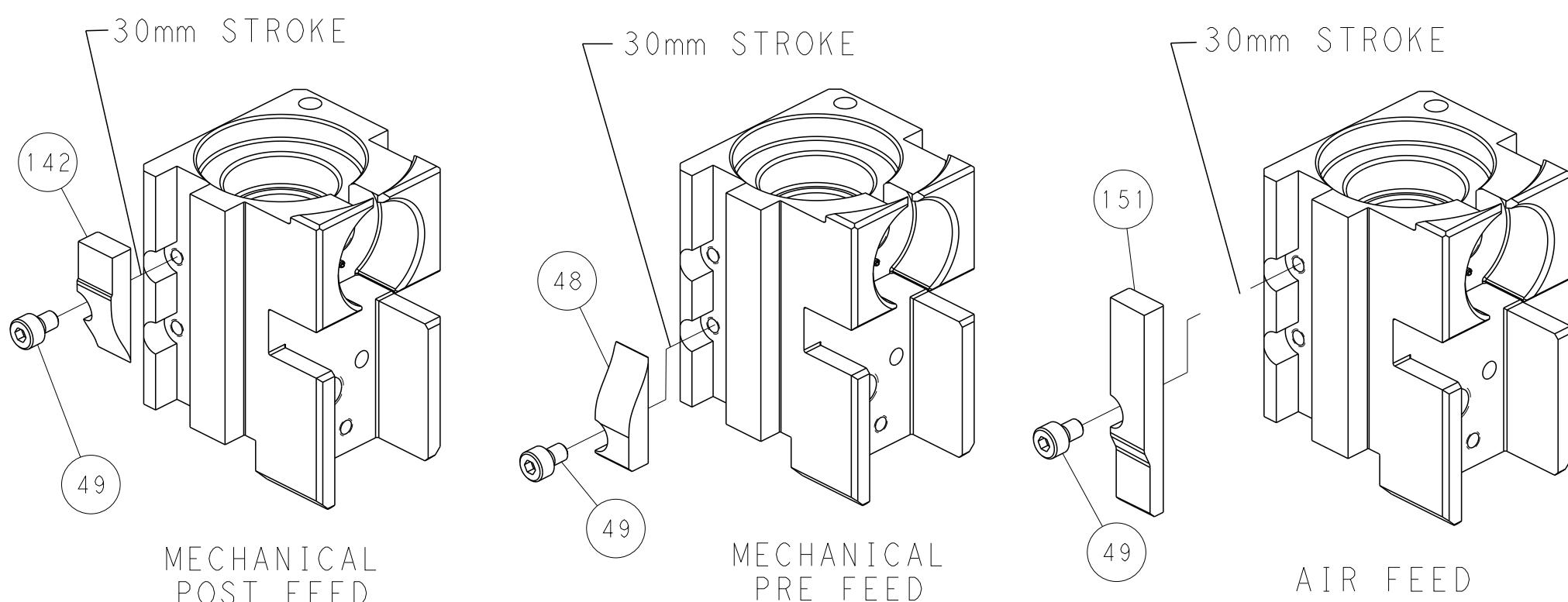
PNEUMATIC



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)

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR THE LATEST VERSION.		DWN K. STANEM 26SEPT2011	TE Connectivity Harrisburg, PA 17105-3608	
CHK G. BAILEY 26SEPT2011		NAME Ocean Side Feed Applicator	RESTRICTED TO	
APVD T. ELBIN 26SEPT2011		SIZE A1	CAGE CODE 00779	
PRODUCT SPEC		DRAWING NO 2151446		REV J
APPLICATION SPEC		SCALE 1:2		OF 4
WEIGHT		Customer Accessible Production Drawing		